

1. Transmitter Conducted Output Power And ERP/EIRP

Test Result

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)	ERP/EIRP(Limit) (dBm)	Verdict
4	1.4	19957	1710.7	QPSK	1@0	21.41	24.86	0.306	30	PASS
4	1.4	19957	1710.7	QPSK	1@2	21.76	25.21	0.332	30	PASS
4	1.4	19957	1710.7	QPSK	1@5	22.07	25.52	0.356	30	PASS
4	1.4	19957	1710.7	QPSK	3@0	22.17	25.62	0.365	30	PASS
4	1.4	19957	1710.7	QPSK	3@1	21.81	25.26	0.336	30	PASS
4	1.4	19957	1710.7	QPSK	3@2	21.59	25.04	0.319	30	PASS
4	1.4	19957	1710.7	QPSK	6@0	20.86	24.31	0.270	30	PASS
4	1.4	19957	1710.7	16QAM	1@0	21.86	25.31	0.340	30	PASS
4	1.4	19957	1710.7	16QAM	1@2	21.50	24.95	0.313	30	PASS
4	1.4	19957	1710.7	16QAM	1@5	21.38	24.83	0.304	30	PASS
4	1.4	19957	1710.7	16QAM	3@0	21.85	25.30	0.339	30	PASS
4	1.4	19957	1710.7	16QAM	3@1	21.77	25.22	0.333	30	PASS
4	1.4	19957	1710.7	16QAM	3@2	22.01	25.46	0.352	30	PASS
4	1.4	19957	1710.7	16QAM	6@0	21.10	24.55	0.285	30	PASS
4	1.4	20175	1732.5	QPSK	1@0	20.88	24.33	0.271	30	PASS
4	1.4	20175	1732.5	QPSK	1@2	20.94	24.39	0.275	30	PASS
4	1.4	20175	1732.5	QPSK	1@5	21.60	25.05	0.320	30	PASS
4	1.4	20175	1732.5	QPSK	3@0	21.69	25.14	0.327	30	PASS
4	1.4	20175	1732.5	QPSK	3@1	21.56	25.01	0.317	30	PASS
4	1.4	20175	1732.5	QPSK	3@2	20.91	24.36	0.273	30	PASS
4	1.4	20175	1732.5	QPSK	6@0	22.13	25.58	0.361	30	PASS
4	1.4	20175	1732.5	16QAM	1@0	21.02	24.47	0.280	30	PASS
4	1.4	20175	1732.5	16QAM	1@2	21.62	25.07	0.321	30	PASS
4	1.4	20175	1732.5	16QAM	1@5	21.23	24.68	0.294	30	PASS
4	1.4	20175	1732.5	16QAM	3@0	21.31	24.76	0.299	30	PASS
4	1.4	20175	1732.5	16QAM	3@1	21.09	24.54	0.284	30	PASS
4	1.4	20175	1732.5	16QAM	3@2	21.62	25.07	0.321	30	PASS
4	1.4	20175	1732.5	16QAM	6@0	20.88	24.33	0.271	30	PASS
4	1.4	20393	1754.3	QPSK	1@0	20.95	24.40	0.275	30	PASS
4	1.4	20393	1754.3	QPSK	1@2	21.46	24.91	0.310	30	PASS
4	1.4	20393	1754.3	QPSK	1@5	21.37	24.82	0.303	30	PASS
4	1.4	20393	1754.3	QPSK	3@0	21.80	25.25	0.335	30	PASS
4	1.4	20393	1754.3	QPSK	3@1	21.04	24.49	0.281	30	PASS
4	1.4	20393	1754.3	QPSK	3@2	21.74	25.19	0.330	30	PASS
4	1.4	20393	1754.3	QPSK	6@0	21.24	24.69	0.294	30	PASS
4	1.4	20393	1754.3	16QAM	1@0	21.70	25.15	0.327	30	PASS
4	1.4	20393	1754.3	16QAM	1@2	21.02	24.47	0.280	30	PASS
4	1.4	20393	1754.3	16QAM	1@5	21.57	25.02	0.318	30	PASS
4	1.4	20393	1754.3	16QAM	3@0	21.76	25.21	0.332	30	PASS
4	1.4	20393	1754.3	16QAM	3@1	20.83	24.28	0.268	30	PASS
4	1.4	20393	1754.3	16QAM	3@2	20.96	24.41	0.276	30	PASS
4	1.4	20393	1754.3	16QAM	6@0	22.22	25.67	0.369	30	PASS
4	3.0	19965	1711.5	QPSK	1@0	21.74	25.19	0.330	30	PASS
4	3.0	19965	1711.5	QPSK	1@7	20.77	24.22	0.264	30	PASS
4	3.0	19965	1711.5	QPSK	1@14	20.87	24.32	0.270	30	PASS
4	3.0	19965	1711.5	QPSK	8@0	20.90	24.35	0.272	30	PASS
4	3.0	19965	1711.5	QPSK	8@4	20.85	24.30	0.269	30	PASS
4	3.0	19965	1711.5	QPSK	8@7	21.01	24.46	0.279	30	PASS
4	3.0	19965	1711.5	QPSK	15@0	21.25	24.70	0.295	30	PASS
4	3.0	19965	1711.5	16QAM	1@0	20.12	23.57	0.228	30	PASS
4	3.0	19965	1711.5	16QAM	1@7	20.98	24.43	0.277	30	PASS
4	3.0	19965	1711.5	16QAM	1@14	21.18	24.63	0.290	30	PASS
4	3.0	19965	1711.5	16QAM	8@0	20.90	24.35	0.272	30	PASS
4	3.0	19965	1711.5	16QAM	8@4	22.59	26.04	0.402	30	PASS
4	3.0	19965	1711.5	16QAM	8@7	21.66	25.11	0.324	30	PASS
4	3.0	19965	1711.5	16QAM	15@0	20.53	23.98	0.250	30	PASS
4	3.0	20175	1732.5	QPSK	1@0	21.39	24.84	0.305	30	PASS
4	3.0	20175	1732.5	QPSK	1@7	20.56	24.01	0.252	30	PASS
4	3.0	20175	1732.5	QPSK	1@14	21.79	25.24	0.334	30	PASS
4	3.0	20175	1732.5	QPSK	8@0	21.38	24.83	0.304	30	PASS
4	3.0	20175	1732.5	QPSK	8@4	22.09	25.54	0.358	30	PASS

4	3.0	20175	17325	QPSK	8@7	21.72	25.17	0.329	30	PASS
4	3.0	20175	17325	QPSK	15@0	21.34	24.79	0.301	30	PASS
4	3.0	20175	17325	16QAM	1@0	21.31	24.76	0.299	30	PASS
4	3.0	20175	17325	16QAM	1@7	22.21	25.66	0.368	30	PASS
4	3.0	20175	17325	16QAM	1@14	21.33	24.78	0.301	30	PASS
4	3.0	20175	17325	16QAM	8@0	22.01	25.46	0.352	30	PASS
4	3.0	20175	17325	16QAM	8@4	21.99	25.44	0.350	30	PASS
4	3.0	20175	17325	16QAM	8@7	21.59	25.04	0.319	30	PASS
4	3.0	20175	17325	16QAM	15@0	21.27	24.72	0.296	30	PASS
4	3.0	20385	17535	QPSK	1@0	21.66	25.11	0.324	30	PASS
4	3.0	20385	17535	QPSK	1@7	20.98	24.43	0.277	30	PASS
4	3.0	20385	17535	QPSK	1@14	22.27	25.72	0.373	30	PASS
4	3.0	20385	17535	QPSK	8@0	21.70	25.15	0.327	30	PASS
4	3.0	20385	17535	QPSK	8@4	22.02	25.47	0.352	30	PASS
4	3.0	20385	17535	QPSK	8@7	21.19	24.64	0.291	30	PASS
4	3.0	20385	17535	QPSK	15@0	20.42	23.87	0.244	30	PASS
4	3.0	20385	17535	16QAM	1@0	21.09	24.54	0.284	30	PASS
4	3.0	20385	17535	16QAM	1@7	21.11	24.56	0.286	30	PASS
4	3.0	20385	17535	16QAM	1@14	22.14	25.59	0.362	30	PASS
4	3.0	20385	17535	16QAM	8@0	21.41	24.86	0.306	30	PASS
4	3.0	20385	17535	16QAM	8@4	21.71	25.16	0.328	30	PASS
4	3.0	20385	17535	16QAM	8@7	22.09	25.54	0.358	30	PASS
4	3.0	20385	17535	16QAM	15@0	21.66	25.11	0.324	30	PASS
4	5.0	19975	17125	QPSK	1@0	21.49	24.94	0.312	30	PASS
4	5.0	19975	17125	QPSK	1@12	22.49	25.94	0.393	30	PASS
4	5.0	19975	17125	QPSK	1@24	22.03	25.48	0.353	30	PASS
4	5.0	19975	17125	QPSK	12@0	21.99	25.44	0.350	30	PASS
4	5.0	19975	17125	QPSK	12@6	21.09	24.54	0.284	30	PASS
4	5.0	19975	17125	QPSK	12@11	20.81	24.26	0.267	30	PASS
4	5.0	19975	17125	QPSK	25@0	21.01	24.46	0.279	30	PASS
4	5.0	19975	17125	16QAM	1@0	21.44	24.89	0.308	30	PASS
4	5.0	19975	17125	16QAM	1@12	20.87	24.32	0.270	30	PASS
4	5.0	19975	17125	16QAM	1@24	21.25	24.70	0.295	30	PASS
4	5.0	19975	17125	16QAM	12@0	20.81	24.26	0.267	30	PASS
4	5.0	19975	17125	16QAM	12@6	21.31	24.76	0.299	30	PASS
4	5.0	19975	17125	16QAM	12@11	22.67	26.12	0.409	30	PASS
4	5.0	19975	17125	16QAM	25@0	21.77	25.22	0.333	30	PASS
4	5.0	20175	17325	QPSK	1@0	21.57	25.02	0.318	30	PASS
4	5.0	20175	17325	QPSK	1@12	21.60	25.05	0.320	30	PASS
4	5.0	20175	17325	QPSK	1@24	20.98	24.43	0.277	30	PASS
4	5.0	20175	17325	QPSK	12@0	20.63	24.08	0.256	30	PASS
4	5.0	20175	17325	QPSK	12@6	21.87	25.32	0.340	30	PASS
4	5.0	20175	17325	QPSK	12@11	22.24	25.69	0.371	30	PASS
4	5.0	20175	17325	QPSK	25@0	20.75	24.20	0.263	30	PASS
4	5.0	20175	17325	16QAM	1@0	21.79	25.24	0.334	30	PASS
4	5.0	20175	17325	16QAM	1@12	20.61	24.06	0.255	30	PASS
4	5.0	20175	17325	16QAM	1@24	21.45	24.90	0.309	30	PASS
4	5.0	20175	17325	16QAM	12@0	21.37	24.82	0.303	30	PASS
4	5.0	20175	17325	16QAM	12@6	21.24	24.69	0.294	30	PASS
4	5.0	20175	17325	16QAM	12@11	21.80	25.25	0.335	30	PASS
4	5.0	20175	17325	16QAM	25@0	21.34	24.79	0.301	30	PASS
4	5.0	20375	17525	QPSK	1@0	20.93	24.38	0.274	30	PASS
4	5.0	20375	17525	QPSK	1@12	20.78	24.23	0.265	30	PASS
4	5.0	20375	17525	QPSK	1@24	21.50	24.95	0.313	30	PASS
4	5.0	20375	17525	QPSK	12@0	22.43	25.88	0.387	30	PASS
4	5.0	20375	17525	QPSK	12@6	21.71	25.16	0.328	30	PASS
4	5.0	20375	17525	QPSK	12@11	21.22	24.67	0.293	30	PASS
4	5.0	20375	17525	QPSK	25@0	21.18	24.63	0.290	30	PASS
4	5.0	20375	17525	16QAM	1@0	22.03	25.48	0.353	30	PASS
4	5.0	20375	17525	16QAM	1@12	21.82	25.27	0.337	30	PASS
4	5.0	20375	17525	16QAM	1@24	21.24	24.69	0.294	30	PASS
4	5.0	20375	17525	16QAM	12@0	21.97	25.42	0.348	30	PASS
4	5.0	20375	17525	16QAM	12@6	21.23	24.68	0.294	30	PASS
4	5.0	20375	17525	16QAM	12@11	21.04	24.49	0.281	30	PASS
4	5.0	20375	17525	16QAM	25@0	22.08	25.53	0.357	30	PASS
4	10.0	20000	17150	QPSK	1@0	21.68	25.13	0.326	30	PASS
4	10.0	20000	17150	QPSK	1@24	20.82	24.27	0.267	30	PASS
4	10.0	20000	17150	QPSK	1@49	21.23	24.68	0.294	30	PASS
4	10.0	20000	17150	QPSK	25@0	20.87	24.32	0.270	30	PASS

4	10.0	20000	1715.0	QPSK	25@12	21.56	25.01	0.317	30	PASS
4	10.0	20000	1715.0	QPSK	25@24	22.22	25.67	0.369	30	PASS
4	10.0	20000	1715.0	QPSK	50@0	22.22	25.67	0.369	30	PASS
4	10.0	20000	1715.0	16QAM	1@0	22.16	25.61	0.364	30	PASS
4	10.0	20000	1715.0	16QAM	1@24	21.99	25.44	0.350	30	PASS
4	10.0	20000	1715.0	16QAM	1@49	21.54	24.99	0.316	30	PASS
4	10.0	20175	1732.5	QPSK	1@0	20.90	24.35	0.272	30	PASS
4	10.0	20175	1732.5	QPSK	1@24	22.04	25.49	0.354	30	PASS
4	10.0	20175	1732.5	QPSK	1@49	22.08	25.53	0.357	30	PASS
4	10.0	20175	1732.5	QPSK	25@0	22.49	25.94	0.393	30	PASS
4	10.0	20175	1732.5	QPSK	25@12	21.38	24.83	0.304	30	PASS
4	10.0	20175	1732.5	QPSK	25@24	21.85	25.30	0.339	30	PASS
4	10.0	20175	1732.5	QPSK	50@0	21.05	24.50	0.282	30	PASS
4	10.0	20175	1732.5	16QAM	1@0	21.87	25.32	0.340	30	PASS
4	10.0	20175	1732.5	16QAM	1@24	21.24	24.69	0.294	30	PASS
4	10.0	20175	1732.5	16QAM	1@49	21.41	24.86	0.306	30	PASS
4	10.0	20350	1750.0	QPSK	1@0	21.04	24.49	0.281	30	PASS
4	10.0	20350	1750.0	QPSK	1@24	21.77	25.22	0.333	30	PASS
4	10.0	20350	1750.0	QPSK	1@49	21.14	24.59	0.288	30	PASS
4	10.0	20350	1750.0	QPSK	25@0	21.80	25.25	0.335	30	PASS
4	10.0	20350	1750.0	QPSK	25@12	21.70	25.15	0.327	30	PASS
4	10.0	20350	1750.0	QPSK	25@24	20.34	23.79	0.239	30	PASS
4	10.0	20350	1750.0	QPSK	50@0	21.43	24.88	0.308	30	PASS
4	10.0	20350	1750.0	16QAM	1@0	21.58	25.03	0.318	30	PASS
4	10.0	20350	1750.0	16QAM	1@24	20.98	24.43	0.277	30	PASS
4	10.0	20350	1750.0	16QAM	1@49	21.47	24.92	0.310	30	PASS
4	15.0	20025	1717.5	QPSK	1@0	20.98	24.43	0.277	30	PASS
4	15.0	20025	1717.5	QPSK	1@37	21.85	25.30	0.339	30	PASS
4	15.0	20025	1717.5	QPSK	1@74	21.34	24.79	0.301	30	PASS
4	15.0	20025	1717.5	QPSK	36@0	21.47	24.92	0.310	30	PASS
4	15.0	20025	1717.5	QPSK	36@16	22.31	25.76	0.377	30	PASS
4	15.0	20025	1717.5	QPSK	36@35	21.51	24.96	0.313	30	PASS
4	15.0	20025	1717.5	QPSK	75@0	21.48	24.93	0.311	30	PASS
4	15.0	20025	1717.5	16QAM	1@0	21.63	25.08	0.322	30	PASS
4	15.0	20025	1717.5	16QAM	1@37	22.01	25.46	0.352	30	PASS
4	15.0	20025	1717.5	16QAM	1@74	21.08	24.53	0.284	30	PASS
4	15.0	20175	1732.5	QPSK	1@0	21.54	24.99	0.316	30	PASS
4	15.0	20175	1732.5	QPSK	1@37	21.06	24.51	0.282	30	PASS
4	15.0	20175	1732.5	QPSK	1@74	21.73	25.18	0.330	30	PASS
4	15.0	20175	1732.5	QPSK	36@0	21.36	24.81	0.303	30	PASS
4	15.0	20175	1732.5	QPSK	36@16	21.92	25.37	0.344	30	PASS
4	15.0	20175	1732.5	QPSK	36@35	20.86	24.31	0.270	30	PASS
4	15.0	20175	1732.5	QPSK	75@0	21.45	24.90	0.309	30	PASS
4	15.0	20175	1732.5	16QAM	1@0	21.72	25.17	0.329	30	PASS
4	15.0	20175	1732.5	16QAM	1@37	21.78	25.23	0.333	30	PASS
4	15.0	20175	1732.5	16QAM	1@74	21.76	25.21	0.332	30	PASS
4	15.0	20325	1747.5	QPSK	1@0	21.12	24.57	0.286	30	PASS
4	15.0	20325	1747.5	QPSK	1@37	22.09	25.54	0.358	30	PASS
4	15.0	20325	1747.5	QPSK	1@74	21.70	25.15	0.327	30	PASS
4	15.0	20325	1747.5	QPSK	36@0	21.58	25.03	0.318	30	PASS
4	15.0	20325	1747.5	QPSK	36@16	21.41	24.86	0.306	30	PASS
4	15.0	20325	1747.5	QPSK	36@35	21.78	25.23	0.333	30	PASS
4	15.0	20325	1747.5	QPSK	75@0	20.80	24.25	0.266	30	PASS
4	15.0	20325	1747.5	16QAM	1@0	21.41	24.86	0.306	30	PASS
4	15.0	20325	1747.5	16QAM	1@37	21.90	25.35	0.343	30	PASS
4	15.0	20325	1747.5	16QAM	1@74	21.70	25.15	0.327	30	PASS
4	20.0	20050	1720.0	QPSK	1@0	21.86	25.31	0.340	30	PASS
4	20.0	20050	1720.0	QPSK	1@49	21.54	24.99	0.316	30	PASS
4	20.0	20050	1720.0	QPSK	1@99	21.07	24.52	0.283	30	PASS
4	20.0	20050	1720.0	QPSK	50@0	21.31	24.76	0.299	30	PASS
4	20.0	20050	1720.0	QPSK	50@24	21.54	24.99	0.316	30	PASS
4	20.0	20050	1720.0	QPSK	50@49	20.97	24.42	0.277	30	PASS
4	20.0	20050	1720.0	QPSK	100@0	21.72	25.17	0.329	30	PASS
4	20.0	20050	1720.0	16QAM	1@0	22.74	26.19	0.416	30	PASS
4	20.0	20050	1720.0	16QAM	1@49	21.16	24.61	0.289	30	PASS
4	20.0	20050	1720.0	16QAM	1@99	22.09	25.54	0.358	30	PASS
4	20.0	20175	1732.5	QPSK	1@0	21.27	24.72	0.296	30	PASS
4	20.0	20175	1732.5	QPSK	1@49	21.27	24.72	0.296	30	PASS
4	20.0	20175	1732.5	QPSK	1@99	21.89	25.34	0.342	30	PASS

4	20.0	20175	17325	QPSK	50@0	20.79	24.24	0.265	30	PASS
4	20.0	20175	17325	QPSK	50@24	20.78	24.23	0.265	30	PASS
4	20.0	20175	17325	QPSK	50@49	21.68	25.13	0.326	30	PASS
4	20.0	20175	17325	QPSK	100@0	21.68	25.13	0.326	30	PASS
4	20.0	20175	17325	16QAM	1@0	21.82	25.27	0.337	30	PASS
4	20.0	20175	17325	16QAM	1@49	21.48	24.93	0.311	30	PASS
4	20.0	20175	17325	16QAM	1@99	21.42	24.87	0.307	30	PASS
4	20.0	20300	17450	QPSK	1@0	22.69	26.14	0.411	30	PASS
4	20.0	20300	17450	QPSK	1@49	21.66	25.11	0.324	30	PASS
4	20.0	20300	17450	QPSK	1@99	21.44	24.89	0.308	30	PASS
4	20.0	20300	17450	QPSK	50@0	21.81	25.26	0.336	30	PASS
4	20.0	20300	17450	QPSK	50@24	22.09	25.54	0.358	30	PASS
4	20.0	20300	17450	QPSK	50@49	21.25	24.70	0.295	30	PASS
4	20.0	20300	17450	QPSK	100@0	21.07	24.52	0.283	30	PASS
4	20.0	20300	17450	16QAM	1@0	21.73	25.18	0.330	30	PASS
4	20.0	20300	17450	16QAM	1@49	22.01	25.46	0.352	30	PASS
4	20.0	20300	17450	16QAM	1@99	20.94	24.39	0.275	30	PASS

EIRP= Conducted Power + ANT Gain, Gain=3.45dBi

2. Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	Voltage		Temperature (°C)	Deviation (ppm)	Limit (ppm)	Verdict
				RB Configure	Voltage [Vdc]				
Band4	1.4MHz	QPSK	19957	6RB#0	VL	NT	-0.014949	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	VN	NT	-0.031033	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	VH	NT	-0.014414	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VL	NT	-0.001634	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VN	NT	0.041413	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VH	NT	-0.049504	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VL	NT	-0.030608	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VN	NT	-0.006664	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VH	NT	-0.009021	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VL	NT	0.040510	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VN	NT	-0.009353	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VH	NT	-0.012479	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VL	NT	0.046920	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VN	NT	0.031556	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VH	NT	-0.048086	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VL	NT	-0.016145	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VN	NT	0.008759	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VH	NT	-0.030766	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VL	NT	-0.014394	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VN	NT	0.019667	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VH	NT	-0.026884	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VL	NT	-0.013446	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VN	NT	0.039270	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VH	NT	0.053357	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VL	NT	-0.049837	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VN	NT	-0.022435	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VH	NT	0.030140	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VL	NT	-0.014917	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VN	NT	-0.003020	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VH	NT	-0.029240	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VL	NT	0.003027	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VN	NT	0.007501	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VH	NT	0.042328	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	VL	NT	0.031306	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	VN	NT	0.028298	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	VH	NT	0.023240	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	VL	NT	0.007628	±2.5	PASS

Band4	5MHz	QPSK	19975	25RB#0	VN	NT	0.011376	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	VH	NT	-0.038097	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	VL	NT	-0.025460	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	VN	NT	0.023669	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	VH	NT	-0.023017	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	VL	NT	-0.033636	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	VN	NT	0.046457	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	VH	NT	-0.045206	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	VL	NT	-0.009668	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	VN	NT	-0.017859	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	VH	NT	0.013579	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VL	NT	0.041210	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VN	NT	-0.016658	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VH	NT	-0.032371	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	VL	NT	-0.026845	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	VN	NT	-0.034566	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	VH	NT	-0.031885	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	VL	NT	0.046251	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	VN	NT	0.041782	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	VH	NT	-0.006422	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VL	NT	0.010873	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VN	NT	0.040677	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VH	NT	0.007152	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	VL	NT	-0.017997	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	VN	NT	-0.023451	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	VH	NT	0.040041	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	VL	NT	0.024821	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	VN	NT	-0.010843	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	VH	NT	0.034149	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VL	NT	-0.032375	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VN	NT	0.030324	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VH	NT	0.020176	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	VL	NT	0.008836	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	VN	NT	0.021437	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	VH	NT	0.002306	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VL	NT	0.002312	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VN	NT	-0.009886	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VH	NT	0.036721	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	-0.008876	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	0.036657	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	0.010064	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VL	NT	0.029503	±2.5	PASS

Band4	20MHz	QPSK	20300	100RB#0	VN	NT	-0.024838	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VH	NT	-0.044827	±2.5	PASS

Temperature

Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-30	0.019989	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-20	0.017514	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	0	-0.027446	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	10	0.020648	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	20	0.023424	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-30	0.013772	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-20	0.019499	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	0	0.037411	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	10	-0.023497	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	20	-0.003826	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-30	-0.006271	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-20	-0.039073	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	0	0.005568	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	10	0.001108	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	20	0.008010	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-30	0.042654	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-20	-0.030247	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	0	0.012642	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	10	0.022583	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	20	0.005887	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-30	-0.023376	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-20	0.041942	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	0	0.005666	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	10	0.032060	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	20	-0.017592	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-30	-0.014094	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-20	-0.023245	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	0	-0.024509	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	10	-0.025388	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	20	-0.019663	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	-30	-0.046311	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	-20	0.044297	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	0	0.003182	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	10	0.002844	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	20	-0.048541	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	-30	0.000098	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	-20	-0.045463	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	0	0.037774	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	10	-0.022035	±2.5	PASS

Band4	3MHz	QPSK	20175	15RB#0	NV	20	0.043738	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	-30	0.035922	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	-20	0.024417	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	0	0.039568	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	10	0.031481	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	20	0.021222	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	-30	0.008661	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	-20	0.003324	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	0	-0.050983	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	10	0.009408	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	20	-0.047278	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	-30	-0.027844	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	-20	-0.042432	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	0	-0.034688	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	10	0.013774	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	20	0.047665	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	-30	-0.003790	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	-20	0.046505	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	0	0.002793	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	10	-0.045223	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	20	0.037724	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	-30	-0.000465	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	-20	-0.007875	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	0	0.041830	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	10	-0.027201	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	20	-0.046666	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	-30	-0.026748	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	-20	0.044531	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	0	-0.020225	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	10	0.011999	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	20	0.027027	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	-30	0.032103	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	-20	-0.014562	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	0	0.011302	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	10	0.039921	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	20	-0.027247	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	-30	-0.026484	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	-20	0.043340	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	0	0.046748	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	10	0.043439	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	20	-0.030267	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	-30	-0.014396	±2.5	PASS

Band4	5MHz	16QAM	20175	25RB#0	NV	-20	-0.036160	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	0	-0.026271	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	10	0.045015	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	20	0.037498	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	-30	-0.015329	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	-20	-0.035226	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	0	0.012667	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	10	-0.018555	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	20	-0.044918	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	-30	0.007131	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	-20	0.012820	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	0	-0.005650	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	10	0.005981	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	20	0.001666	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	-30	-0.015477	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	-20	-0.048944	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	0	0.046984	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	10	0.019260	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	20	-0.049617	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	-30	0.004351	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	-20	-0.019848	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	0	0.019788	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	10	0.040369	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	20	0.004766	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	-30	-0.010479	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	-20	-0.037057	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	0	0.011180	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	10	0.044529	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	20	-0.015673	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	-30	0.000831	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	-20	-0.000727	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	0	-0.000384	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	10	-0.041205	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	20	-0.038853	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	-30	0.038447	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	-20	-0.009820	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	0	0.039229	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	10	-0.009654	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	20	-0.018151	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-30	0.008880	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-20	0.046775	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	0	0.010305	±2.5	PASS

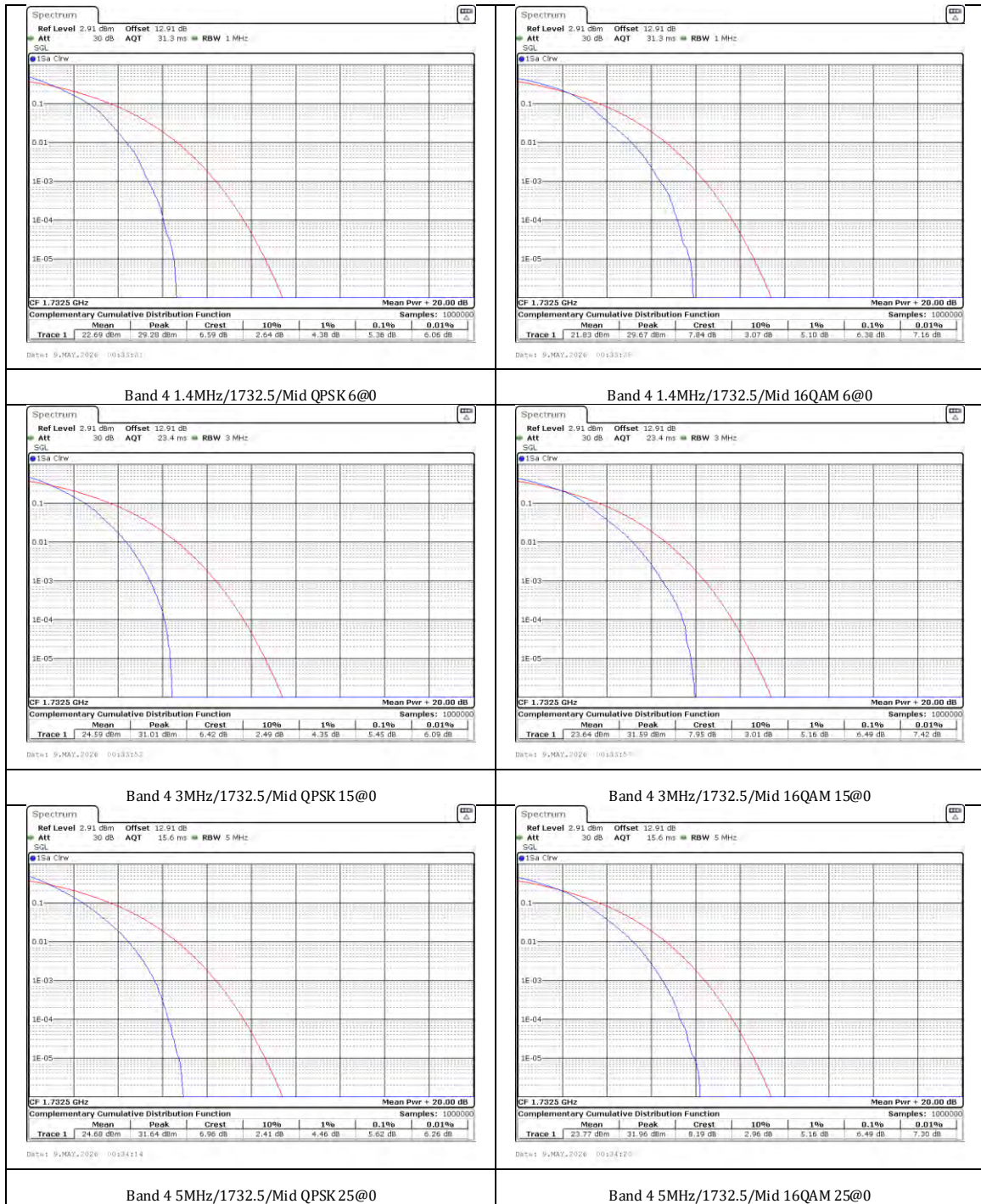
Band4	20MHz	QPSK	20050	100RB#0	NV	10	0.020636	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	20	-0.001591	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	0.022795	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	0.022787	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	0.020631	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	-0.004520	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	-0.038652	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-30	-0.040009	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-20	-0.030074	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	0	-0.014746	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	10	-0.003220	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	20	0.010199	±2.5	PASS

3. Peak to Average Ratio

Test Result

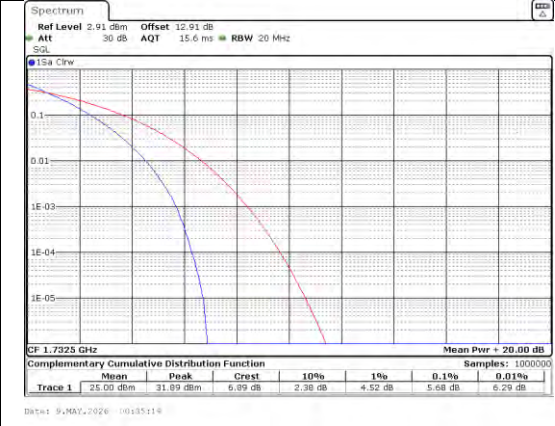
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
4	1.4	20175	1732.5	QPSK	6@0	5.36	13	PASS
4	1.4	20175	1732.5	16QAM	6@0	6.38	13	PASS
4	3.0	20175	1732.5	QPSK	15@0	5.45	13	PASS
4	3.0	20175	1732.5	16QAM	15@0	6.49	13	PASS
4	5.0	20175	1732.5	QPSK	25@0	5.62	13	PASS
4	5.0	20175	1732.5	16QAM	25@0	6.49	13	PASS
4	10.0	20175	1732.5	QPSK	50@0	5.59	13	PASS
4	15.0	20175	1732.5	QPSK	75@0	6.14	13	PASS
4	20.0	20175	1732.5	QPSK	100@0	5.68	13	PASS

Test Graphs





Band 4 10MHz/1732.5/Mid QPSK 50@0



Band 4 20MHz/1732.5/Mid QPSK 100@0



Band 4 15MHz/1732.5/Mid QPSK 75@0



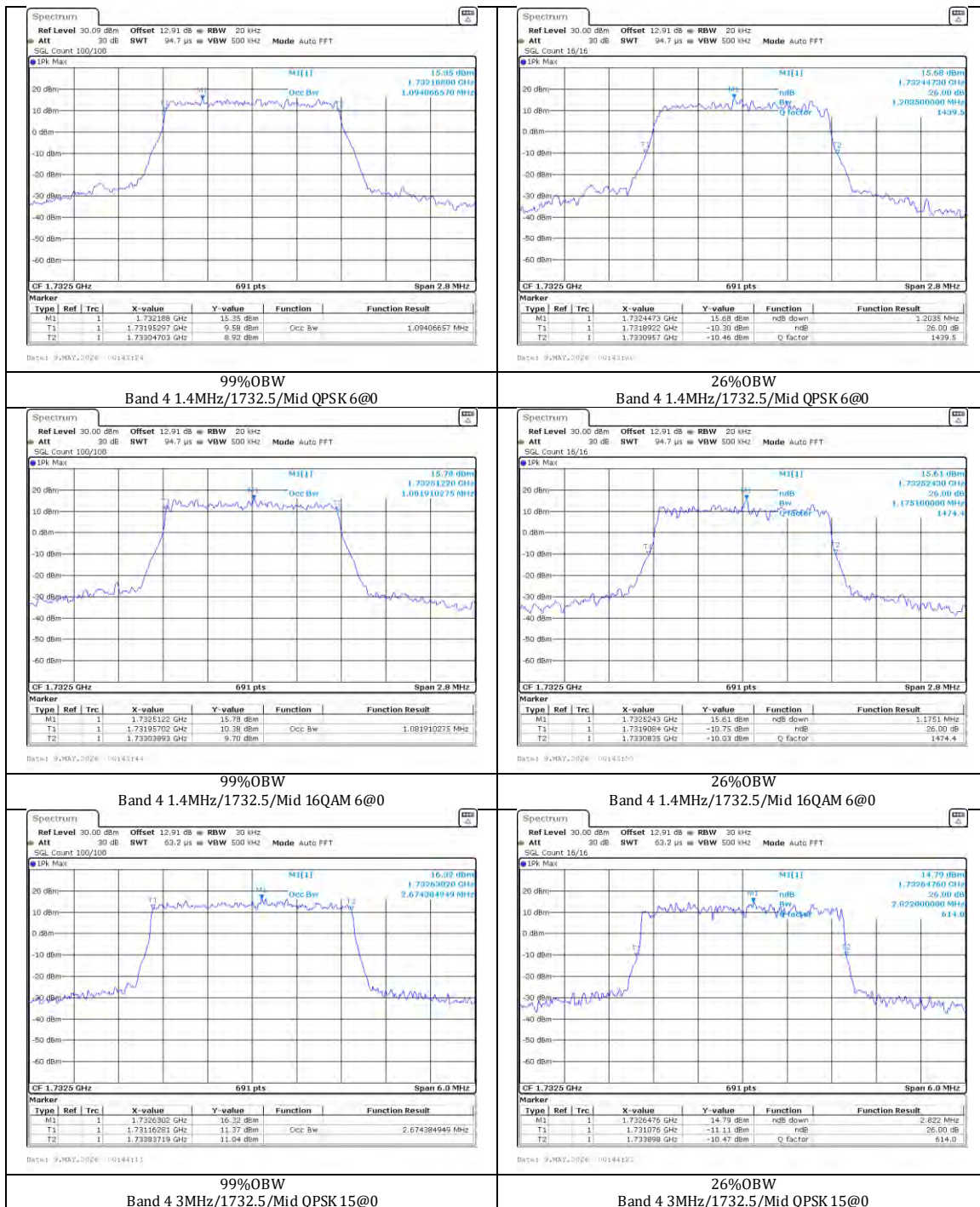
4. Occupied Bandwidth

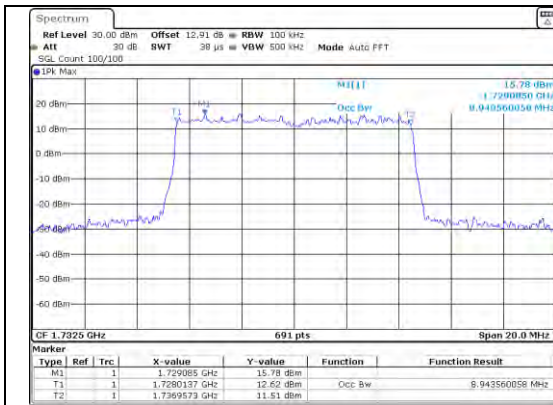
Test Result

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)	Verdict
4	1.4	20175	1732.5	QPSK	6@0	1.0941	1.204	PASS
4	1.4	20175	1732.5	16QAM	6@0	1.0819	1.175	PASS
4	3.0	20175	1732.5	QPSK	15@0	2.6744	2.822	PASS
4	3.0	20175	1732.5	16QAM	15@0	2.6831	2.917	PASS
4	5.0	20175	1732.5	QPSK	25@0	4.4718	4.776	PASS
4	5.0	20175	1732.5	16QAM	25@0	4.4718	4.834	PASS
4	10.0	20175	1732.5	QPSK	50@0	8.9436	9.233	PASS
4	15.0	20175	1732.5	QPSK	75@0	13.459	14.20	PASS
4	20.0	20175	1732.5	QPSK	100@0	17.945	18.70	PASS

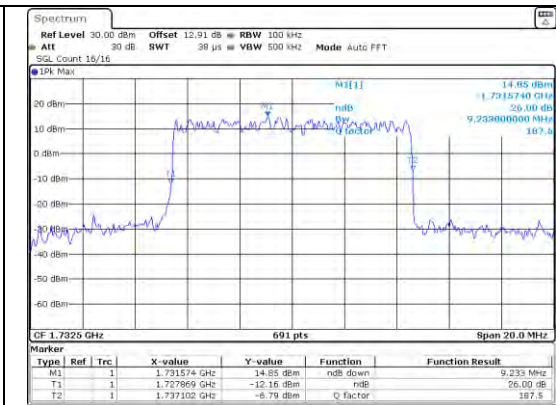
Note: All bandwidth channels have been tested, and only the data from the worst channels is shown.

Test Graphs

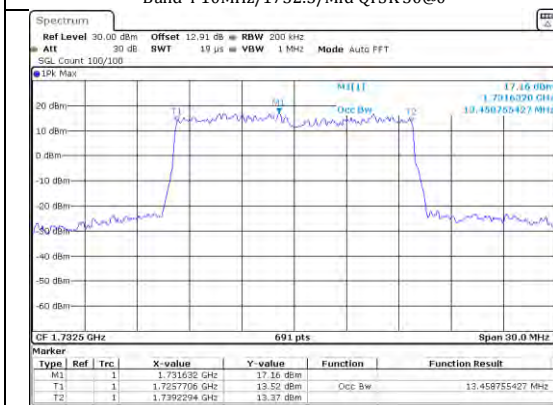




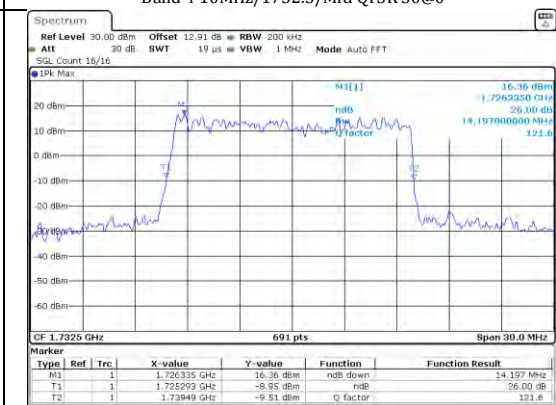
99%OBW
Band 4 10MHz/1732.5/Mid QPSK 50@0



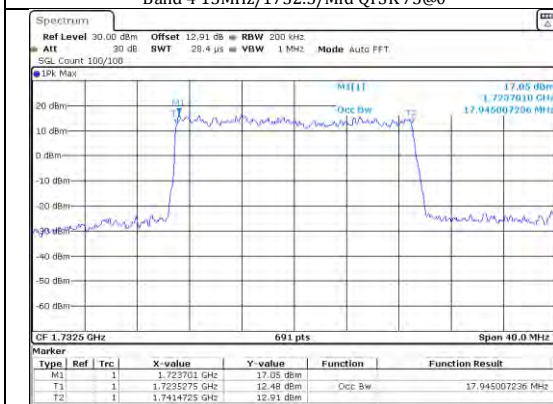
26%OBW
Band 4 10MHz/1732.5/Mid QPSK 50@0



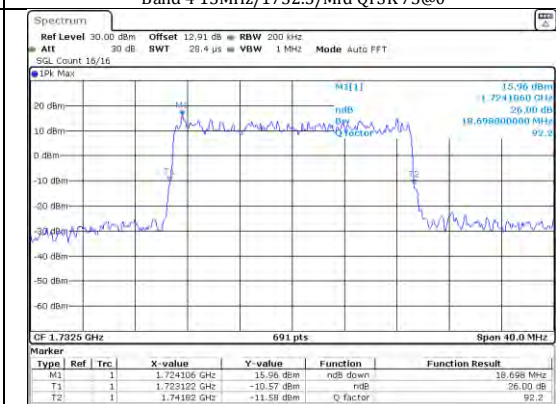
99%OBW
Band 4 15MHz/1732.5/Mid QPSK 75@0



26%OBW
Band 4 15MHz/1732.5/Mid QPSK 75@0



99%OBW
Band 4 20MHz/1732.5/Mid QPSK 100@0



26%OBW
Band 4 20MHz/1732.5/Mid QPSK 100@0

5. Conducted Spurious Emissions

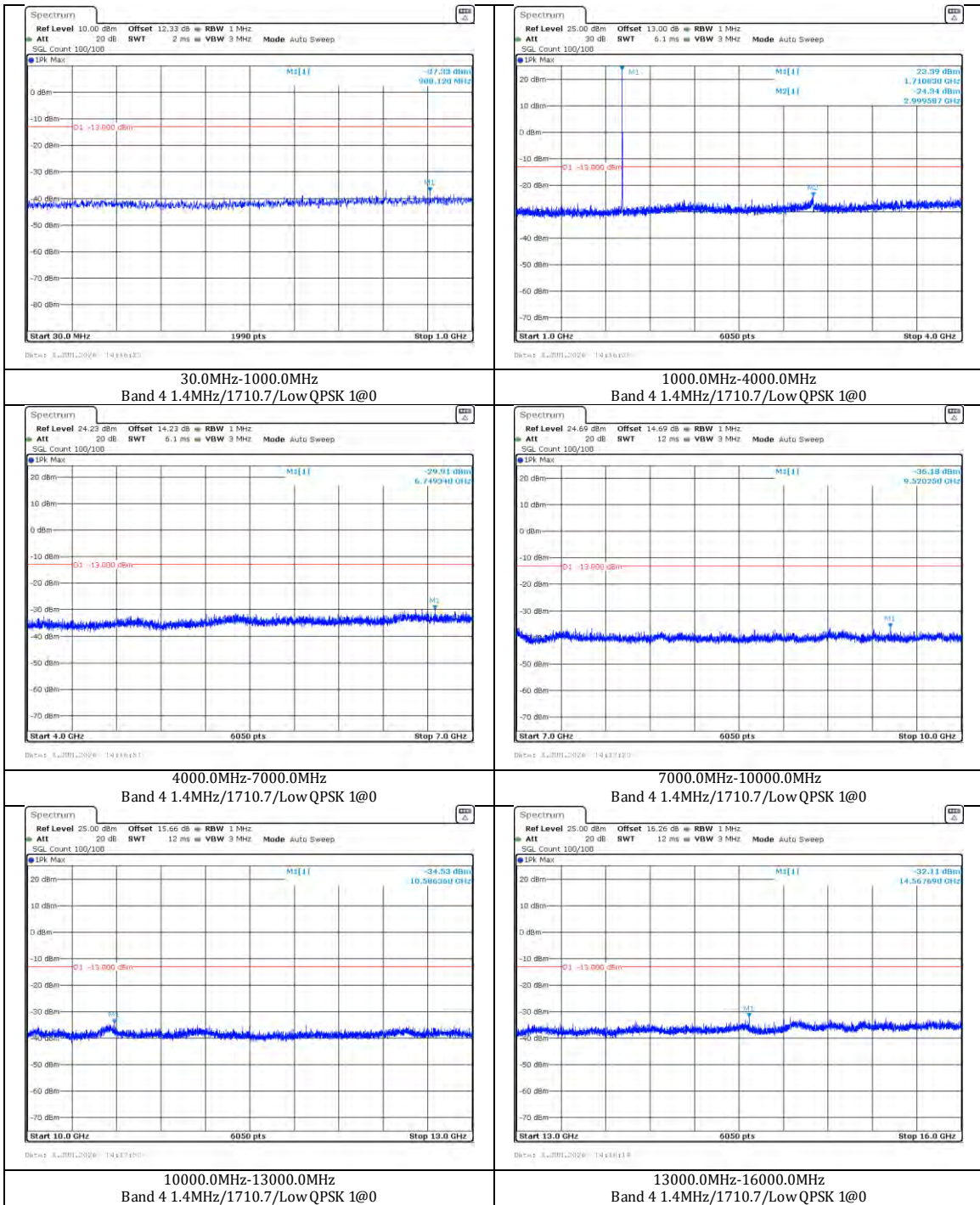
Test Result

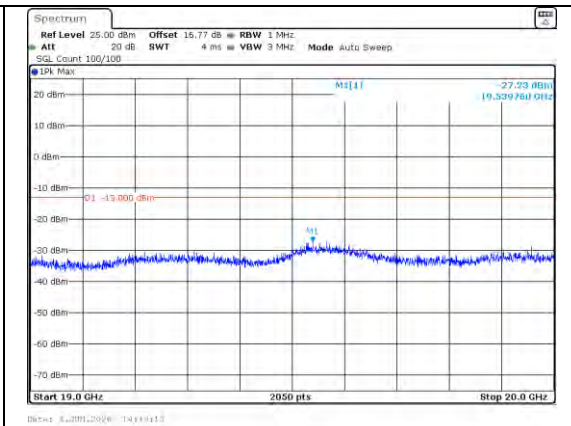
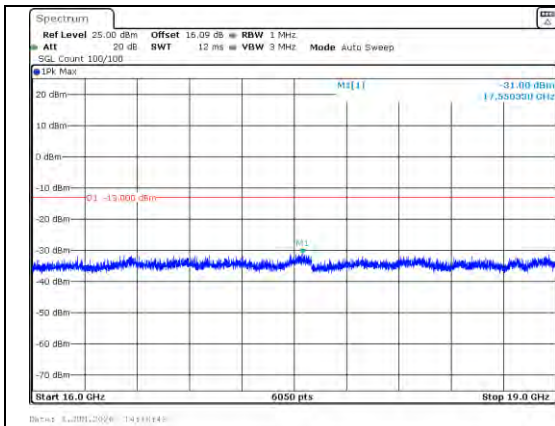
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	StartFreq (MHz)	StopFreq (MHz)	Result (dBm)	Limit (dBm)	Verdict
4	1.4	19957	1710.7	QPSK	1@0	30	1000	-37.33	-13	PASS
4	1.4	19957	1710.7	QPSK	1@0	1000	4000	-24.34	-13	PASS
4	1.4	19957	1710.7	QPSK	1@0	4000	7000	-29.91	-13	PASS
4	1.4	19957	1710.7	QPSK	1@0	7000	10000	-36.18	-13	PASS
4	1.4	19957	1710.7	QPSK	1@0	10000	13000	-34.53	-13	PASS
4	1.4	19957	1710.7	QPSK	1@0	13000	16000	-32.11	-13	PASS
4	1.4	19957	1710.7	QPSK	1@0	16000	19000	-31.0	-13	PASS
4	1.4	19957	1710.7	QPSK	1@0	19000	20000	-27.23	-13	PASS
4	1.4	19957	1710.7	16QAM	1@0	30	1000	-37.61	-13	PASS
4	1.4	19957	1710.7	16QAM	1@0	1000	4000	-24.88	-13	PASS
4	1.4	19957	1710.7	16QAM	1@0	4000	7000	-30.5	-13	PASS
4	1.4	19957	1710.7	16QAM	1@0	7000	10000	-36.61	-13	PASS
4	1.4	19957	1710.7	16QAM	1@0	10000	13000	-34.81	-13	PASS
4	1.4	19957	1710.7	16QAM	1@0	13000	16000	-31.95	-13	PASS
4	1.4	19957	1710.7	16QAM	1@0	16000	19000	-30.26	-13	PASS
4	1.4	19957	1710.7	16QAM	1@0	19000	20000	-27.94	-13	PASS
4	1.4	20393	1754.3	QPSK	1@0	30	1000	-38.32	-13	PASS
4	1.4	20393	1754.3	QPSK	1@0	1000	4000	-24.03	-13	PASS
4	1.4	20393	1754.3	QPSK	1@0	4000	7000	-29.68	-13	PASS
4	1.4	20393	1754.3	QPSK	1@0	7000	10000	-36.07	-13	PASS
4	1.4	20393	1754.3	QPSK	1@0	10000	13000	-33.78	-13	PASS
4	1.4	20393	1754.3	QPSK	1@0	13000	16000	-31.01	-13	PASS
4	1.4	20393	1754.3	QPSK	1@0	16000	19000	-30.48	-13	PASS
4	1.4	20393	1754.3	QPSK	1@0	19000	20000	-28.05	-13	PASS
4	1.4	20393	1754.3	16QAM	1@0	30	1000	-38.02	-13	PASS
4	1.4	20393	1754.3	16QAM	1@0	1000	4000	-24.12	-13	PASS
4	1.4	20393	1754.3	16QAM	1@0	4000	7000	-29.92	-13	PASS
4	1.4	20393	1754.3	16QAM	1@0	7000	10000	-35.94	-13	PASS
4	1.4	20393	1754.3	16QAM	1@0	10000	13000	-34.67	-13	PASS
4	1.4	20393	1754.3	16QAM	1@0	13000	16000	-31.32	-13	PASS
4	1.4	20393	1754.3	16QAM	1@0	16000	19000	-31.01	-13	PASS
4	1.4	20393	1754.3	16QAM	1@0	19000	20000	-27.36	-13	PASS
4	3.0	19965	1711.5	QPSK	1@0	30	1000	-37.99	-13	PASS
4	3.0	19965	1711.5	QPSK	1@0	1000	4000	-24.78	-13	PASS
4	3.0	19965	1711.5	QPSK	1@0	4000	7000	-29.97	-13	PASS
4	3.0	19965	1711.5	QPSK	1@0	7000	10000	-36.31	-13	PASS
4	3.0	19965	1711.5	QPSK	1@0	10000	13000	-34.56	-13	PASS
4	3.0	19965	1711.5	QPSK	1@0	13000	16000	-31.96	-13	PASS
4	3.0	19965	1711.5	QPSK	1@0	16000	19000	-31.38	-13	PASS
4	3.0	19965	1711.5	QPSK	1@0	19000	20000	-27.44	-13	PASS
4	3.0	19965	1711.5	16QAM	1@0	30	1000	-38.33	-13	PASS
4	3.0	19965	1711.5	16QAM	1@0	1000	4000	-24.51	-13	PASS
4	3.0	19965	1711.5	16QAM	1@0	4000	7000	-29.8	-13	PASS
4	3.0	19965	1711.5	16QAM	1@0	7000	10000	-36.58	-13	PASS
4	3.0	19965	1711.5	16QAM	1@0	10000	13000	-34.54	-13	PASS
4	3.0	19965	1711.5	16QAM	1@0	13000	16000	-32.26	-13	PASS
4	3.0	19965	1711.5	16QAM	1@0	16000	19000	-31.13	-13	PASS
4	3.0	19965	1711.5	16QAM	1@0	19000	20000	-27.63	-13	PASS
4	3.0	20385	1753.5	QPSK	1@0	30	1000	-37.91	-13	PASS
4	3.0	20385	1753.5	QPSK	1@0	1000	4000	-24.57	-13	PASS
4	3.0	20385	1753.5	QPSK	1@0	4000	7000	-30.34	-13	PASS
4	3.0	20385	1753.5	QPSK	1@0	7000	10000	-36.43	-13	PASS
4	3.0	20385	1753.5	QPSK	1@0	10000	13000	-34.28	-13	PASS
4	3.0	20385	1753.5	QPSK	1@0	13000	16000	-31.88	-13	PASS
4	3.0	20385	1753.5	QPSK	1@0	16000	19000	-30.98	-13	PASS
4	3.0	20385	1753.5	QPSK	1@0	19000	20000	-27.78	-13	PASS
4	3.0	20385	1753.5	16QAM	1@0	30	1000	-37.57	-13	PASS
4	3.0	20385	1753.5	16QAM	1@0	1000	4000	-24.74	-13	PASS
4	3.0	20385	1753.5	16QAM	1@0	4000	7000	-30.29	-13	PASS
4	3.0	20385	1753.5	16QAM	1@0	7000	10000	-35.97	-13	PASS
4	3.0	20385	1753.5	16QAM	1@0	10000	13000	-34.38	-13	PASS
4	3.0	20385	1753.5	16QAM	1@0	13000	16000	-31.12	-13	PASS
4	3.0	20385	1753.5	16QAM	1@0	16000	19000	-30.91	-13	PASS

4	3.0	20385	1753.5	16QAM	1@0	19000	20000	-27.51	-13	PASS
4	5.0	19975	1712.5	QPSK	1@0	30	1000	-37.81	-13	PASS
4	5.0	19975	1712.5	QPSK	1@0	1000	4000	-23.7	-13	PASS
4	5.0	19975	1712.5	QPSK	1@0	4000	7000	-30.14	-13	PASS
4	5.0	19975	1712.5	QPSK	1@0	7000	10000	-35.47	-13	PASS
4	5.0	19975	1712.5	QPSK	1@0	10000	13000	-33.93	-13	PASS
4	5.0	19975	1712.5	QPSK	1@0	13000	16000	-32.1	-13	PASS
4	5.0	19975	1712.5	QPSK	1@0	16000	19000	-30.4	-13	PASS
4	5.0	19975	1712.5	QPSK	1@0	19000	20000	-27.18	-13	PASS
4	5.0	19975	1712.5	16QAM	1@0	30	1000	-37.77	-13	PASS
4	5.0	19975	1712.5	16QAM	1@0	1000	4000	-23.93	-13	PASS
4	5.0	19975	1712.5	16QAM	1@0	4000	7000	-30.28	-13	PASS
4	5.0	19975	1712.5	16QAM	1@0	7000	10000	-35.58	-13	PASS
4	5.0	19975	1712.5	16QAM	1@0	10000	13000	-34.6	-13	PASS
4	5.0	19975	1712.5	16QAM	1@0	13000	16000	-31.99	-13	PASS
4	5.0	19975	1712.5	16QAM	1@0	16000	19000	-29.47	-13	PASS
4	5.0	19975	1712.5	16QAM	1@0	19000	20000	-27.54	-13	PASS
4	5.0	20375	1752.5	QPSK	1@0	30	1000	-38.11	-13	PASS
4	5.0	20375	1752.5	QPSK	1@0	1000	4000	-24.82	-13	PASS
4	5.0	20375	1752.5	QPSK	1@0	4000	7000	-29.92	-13	PASS
4	5.0	20375	1752.5	QPSK	1@0	7000	10000	-36.69	-13	PASS
4	5.0	20375	1752.5	QPSK	1@0	10000	13000	-34.34	-13	PASS
4	5.0	20375	1752.5	QPSK	1@0	13000	16000	-32.21	-13	PASS
4	5.0	20375	1752.5	QPSK	1@0	16000	19000	-30.48	-13	PASS
4	5.0	20375	1752.5	QPSK	1@0	19000	20000	-27.88	-13	PASS
4	5.0	20375	1752.5	16QAM	1@0	30	1000	-38.32	-13	PASS
4	5.0	20375	1752.5	16QAM	1@0	1000	4000	-24.16	-13	PASS
4	5.0	20375	1752.5	16QAM	1@0	4000	7000	-29.23	-13	PASS
4	5.0	20375	1752.5	16QAM	1@0	7000	10000	-36.19	-13	PASS
4	5.0	20375	1752.5	16QAM	1@0	10000	13000	-34.33	-13	PASS
4	5.0	20375	1752.5	16QAM	1@0	13000	16000	-32.04	-13	PASS
4	5.0	20375	1752.5	16QAM	1@0	16000	19000	-31.28	-13	PASS
4	5.0	20375	1752.5	16QAM	1@0	19000	20000	-27.95	-13	PASS
4	10.0	20000	1715.0	QPSK	1@0	30	1000	-38.11	-13	PASS
4	10.0	20000	1715.0	QPSK	1@0	1000	4000	-24.41	-13	PASS
4	10.0	20000	1715.0	QPSK	1@0	4000	7000	-30.26	-13	PASS
4	10.0	20000	1715.0	QPSK	1@0	7000	10000	-35.92	-13	PASS
4	10.0	20000	1715.0	QPSK	1@0	10000	13000	-34.27	-13	PASS
4	10.0	20000	1715.0	QPSK	1@0	13000	16000	-30.97	-13	PASS
4	10.0	20000	1715.0	QPSK	1@0	16000	19000	-30.55	-13	PASS
4	10.0	20000	1715.0	QPSK	1@0	19000	20000	-28.18	-13	PASS
4	10.0	20000	1715.0	16QAM	1@0	30	1000	-37.87	-13	PASS
4	10.0	20000	1715.0	16QAM	1@0	1000	4000	-24.45	-13	PASS
4	10.0	20000	1715.0	16QAM	1@0	4000	7000	-29.79	-13	PASS
4	10.0	20000	1715.0	16QAM	1@0	7000	10000	-36.83	-13	PASS
4	10.0	20000	1715.0	16QAM	1@0	10000	13000	-33.67	-13	PASS
4	10.0	20000	1715.0	16QAM	1@0	13000	16000	-31.42	-13	PASS
4	10.0	20000	1715.0	16QAM	1@0	16000	19000	-30.3	-13	PASS
4	10.0	20000	1715.0	16QAM	1@0	19000	20000	-27.23	-13	PASS
4	10.0	20350	1750.0	QPSK	1@0	30	1000	-38.18	-13	PASS
4	10.0	20350	1750.0	QPSK	1@0	1000	4000	-23.76	-13	PASS
4	10.0	20350	1750.0	QPSK	1@0	4000	7000	-29.97	-13	PASS
4	10.0	20350	1750.0	QPSK	1@0	7000	10000	-35.92	-13	PASS
4	10.0	20350	1750.0	QPSK	1@0	10000	13000	-34.64	-13	PASS
4	10.0	20350	1750.0	QPSK	1@0	13000	16000	-32.11	-13	PASS
4	10.0	20350	1750.0	QPSK	1@0	16000	19000	-30.73	-13	PASS
4	10.0	20350	1750.0	QPSK	1@0	19000	20000	-27.95	-13	PASS
4	10.0	20350	1750.0	16QAM	1@0	30	1000	-37.68	-13	PASS
4	10.0	20350	1750.0	16QAM	1@0	1000	4000	-23.93	-13	PASS
4	10.0	20350	1750.0	16QAM	1@0	4000	7000	-30.38	-13	PASS
4	10.0	20350	1750.0	16QAM	1@0	7000	10000	-36.2	-13	PASS
4	10.0	20350	1750.0	16QAM	1@0	10000	13000	-34.11	-13	PASS
4	10.0	20350	1750.0	16QAM	1@0	13000	16000	-31.83	-13	PASS
4	10.0	20350	1750.0	16QAM	1@0	16000	19000	-30.66	-13	PASS
4	10.0	20350	1750.0	16QAM	1@0	19000	20000	-27.75	-13	PASS
4	15.0	20025	1717.5	QPSK	1@0	30	1000	-38.42	-13	PASS
4	15.0	20025	1717.5	QPSK	1@0	1000	4000	-24.36	-13	PASS
4	15.0	20025	1717.5	QPSK	1@0	4000	7000	-29.9	-13	PASS
4	15.0	20025	1717.5	QPSK	1@0	7000	10000	-36.2	-13	PASS

4	15.0	20025	1717.5	QPSK	1@0	10000	13000	-34.7	-13	PASS
4	15.0	20025	1717.5	QPSK	1@0	13000	16000	-31.5	-13	PASS
4	15.0	20025	1717.5	QPSK	1@0	16000	19000	-30.31	-13	PASS
4	15.0	20025	1717.5	QPSK	1@0	19000	20000	-27.99	-13	PASS
4	15.0	20025	1717.5	16QAM	1@0	30	1000	-37.96	-13	PASS
4	15.0	20025	1717.5	16QAM	1@0	1000	4000	-24.43	-13	PASS
4	15.0	20025	1717.5	16QAM	1@0	4000	7000	-29.73	-13	PASS
4	15.0	20025	1717.5	16QAM	1@0	7000	10000	-36.39	-13	PASS
4	15.0	20025	1717.5	16QAM	1@0	10000	13000	-34.69	-13	PASS
4	15.0	20025	1717.5	16QAM	1@0	13000	16000	-31.07	-13	PASS
4	15.0	20025	1717.5	16QAM	1@0	16000	19000	-30.84	-13	PASS
4	15.0	20025	1717.5	16QAM	1@0	19000	20000	-27.49	-13	PASS
4	15.0	20325	1747.5	QPSK	1@0	30	1000	-37.79	-13	PASS
4	15.0	20325	1747.5	QPSK	1@0	1000	4000	-23.37	-13	PASS
4	15.0	20325	1747.5	QPSK	1@0	4000	7000	-30.05	-13	PASS
4	15.0	20325	1747.5	QPSK	1@0	7000	10000	-36.02	-13	PASS
4	15.0	20325	1747.5	QPSK	1@0	10000	13000	-34.51	-13	PASS
4	15.0	20325	1747.5	QPSK	1@0	13000	16000	-31.4	-13	PASS
4	15.0	20325	1747.5	QPSK	1@0	16000	19000	-30.59	-13	PASS
4	15.0	20325	1747.5	QPSK	1@0	19000	20000	-27.29	-13	PASS
4	15.0	20325	1747.5	16QAM	1@0	30	1000	-37.53	-13	PASS
4	15.0	20325	1747.5	16QAM	1@0	1000	4000	-24.48	-13	PASS
4	15.0	20325	1747.5	16QAM	1@0	4000	7000	-30.55	-13	PASS
4	15.0	20325	1747.5	16QAM	1@0	7000	10000	-36.6	-13	PASS
4	15.0	20325	1747.5	16QAM	1@0	10000	13000	-34.98	-13	PASS
4	15.0	20325	1747.5	16QAM	1@0	13000	16000	-31.45	-13	PASS
4	15.0	20325	1747.5	16QAM	1@0	16000	19000	-30.68	-13	PASS
4	15.0	20325	1747.5	16QAM	1@0	19000	20000	-27.89	-13	PASS
4	20.0	20050	1720.0	QPSK	1@0	30	1000	-37.48	-13	PASS
4	20.0	20050	1720.0	QPSK	1@0	1000	4000	-24.08	-13	PASS
4	20.0	20050	1720.0	QPSK	1@0	4000	7000	-29.51	-13	PASS
4	20.0	20050	1720.0	QPSK	1@0	7000	10000	-36.15	-13	PASS
4	20.0	20050	1720.0	QPSK	1@0	10000	13000	-34.52	-13	PASS
4	20.0	20050	1720.0	QPSK	1@0	13000	16000	-30.52	-13	PASS
4	20.0	20050	1720.0	QPSK	1@0	16000	19000	-31.05	-13	PASS
4	20.0	20050	1720.0	QPSK	1@0	19000	20000	-26.77	-13	PASS
4	20.0	20050	1720.0	16QAM	1@0	30	1000	-36.61	-13	PASS
4	20.0	20050	1720.0	16QAM	1@0	1000	4000	-23.94	-13	PASS
4	20.0	20050	1720.0	16QAM	1@0	4000	7000	-30.2	-13	PASS
4	20.0	20050	1720.0	16QAM	1@0	7000	10000	-35.26	-13	PASS
4	20.0	20050	1720.0	16QAM	1@0	10000	13000	-33.63	-13	PASS
4	20.0	20050	1720.0	16QAM	1@0	13000	16000	-31.55	-13	PASS
4	20.0	20050	1720.0	16QAM	1@0	16000	19000	-30.74	-13	PASS
4	20.0	20050	1720.0	16QAM	1@0	19000	20000	-27.11	-13	PASS
4	20.0	20300	1745.0	QPSK	1@0	30	1000	-37.73	-13	PASS
4	20.0	20300	1745.0	QPSK	1@0	1000	4000	-24.06	-13	PASS
4	20.0	20300	1745.0	QPSK	1@0	4000	7000	-29.51	-13	PASS
4	20.0	20300	1745.0	QPSK	1@0	7000	10000	-35.74	-13	PASS
4	20.0	20300	1745.0	QPSK	1@0	10000	13000	-34.74	-13	PASS
4	20.0	20300	1745.0	QPSK	1@0	13000	16000	-32.36	-13	PASS
4	20.0	20300	1745.0	QPSK	1@0	16000	19000	-30.68	-13	PASS
4	20.0	20300	1745.0	QPSK	1@0	19000	20000	-26.66	-13	PASS
4	20.0	20300	1745.0	16QAM	1@0	30	1000	-37.91	-13	PASS
4	20.0	20300	1745.0	16QAM	1@0	1000	4000	-24.69	-13	PASS
4	20.0	20300	1745.0	16QAM	1@0	4000	7000	-29.62	-13	PASS
4	20.0	20300	1745.0	16QAM	1@0	7000	10000	-36.09	-13	PASS
4	20.0	20300	1745.0	16QAM	1@0	10000	13000	-34.05	-13	PASS
4	20.0	20300	1745.0	16QAM	1@0	13000	16000	-31.81	-13	PASS
4	20.0	20300	1745.0	16QAM	1@0	16000	19000	-31.5	-13	PASS
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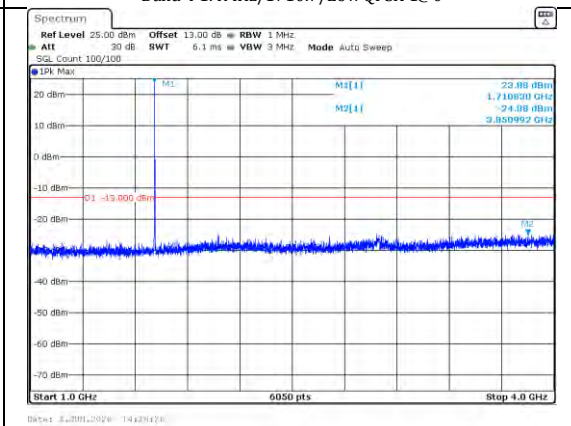
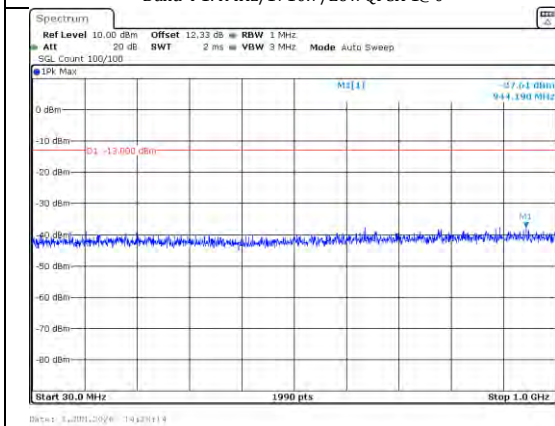
Test Graphs





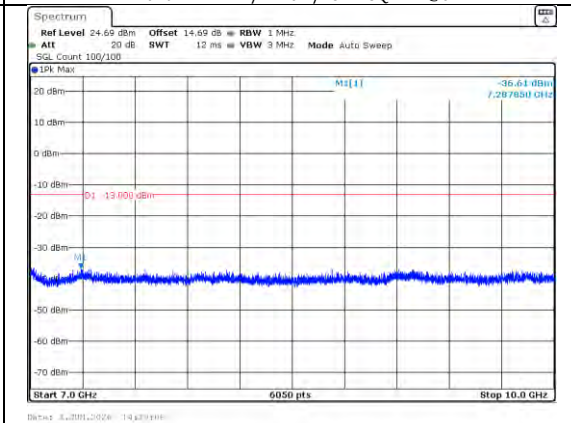
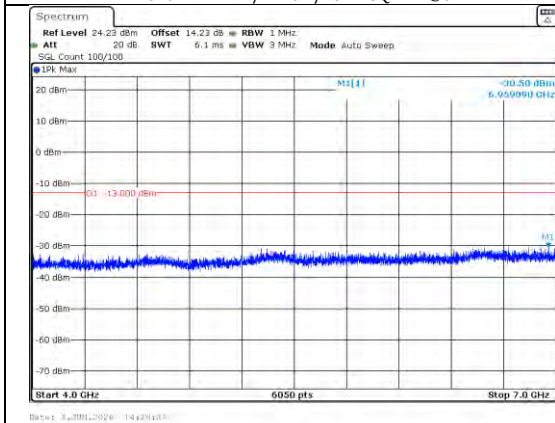
16000.0MHz-19000.0MHz
 Band 4 1.4MHz/1710.7/LowQPSK 1@0

19000.0MHz-20000.0MHz
 Band 4 1.4MHz/1710.7/LowQPSK 1@0



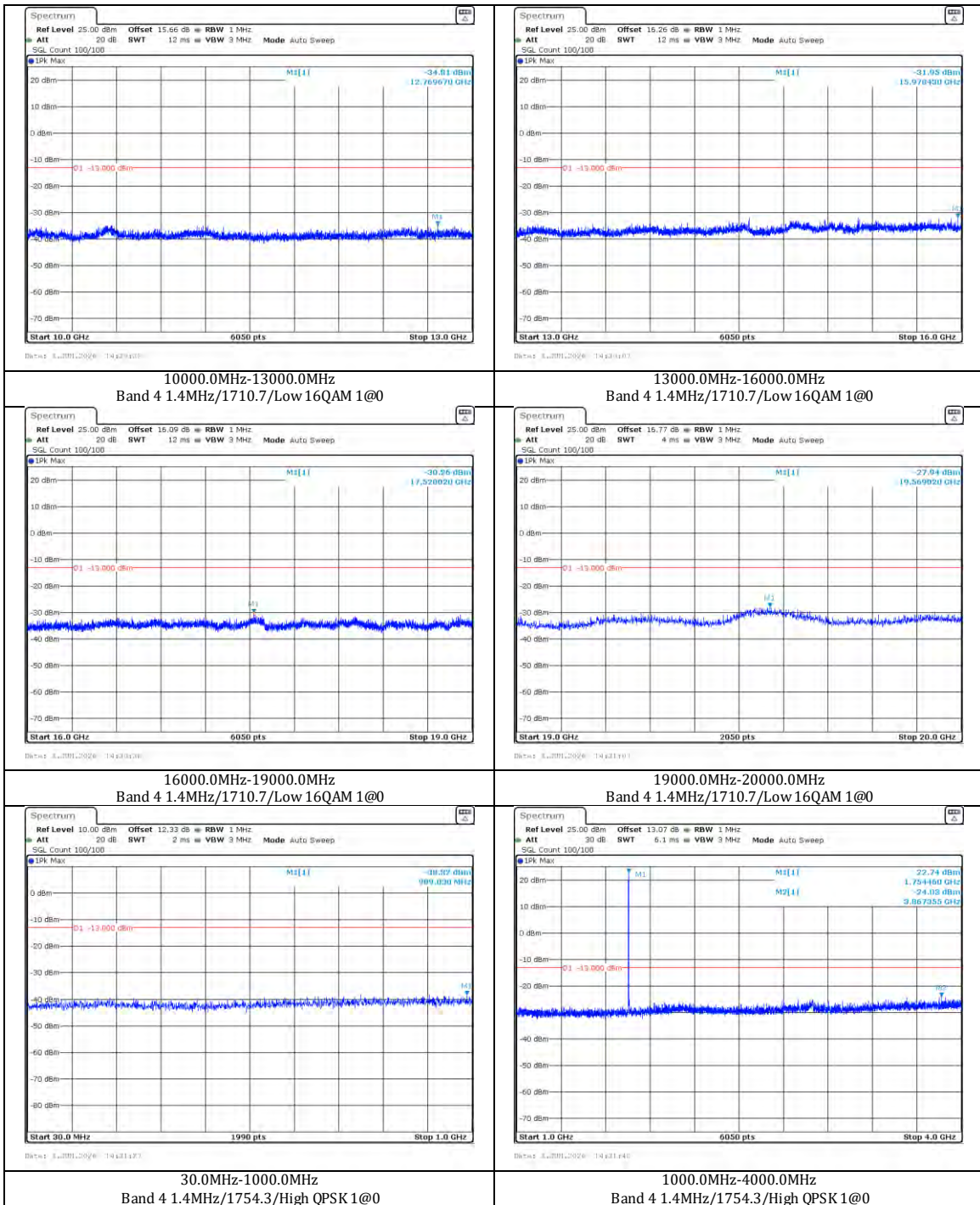
30.0MHz-1000.0MHz
 Band 4 1.4MHz/1710.7/Low 16QAM 1@0

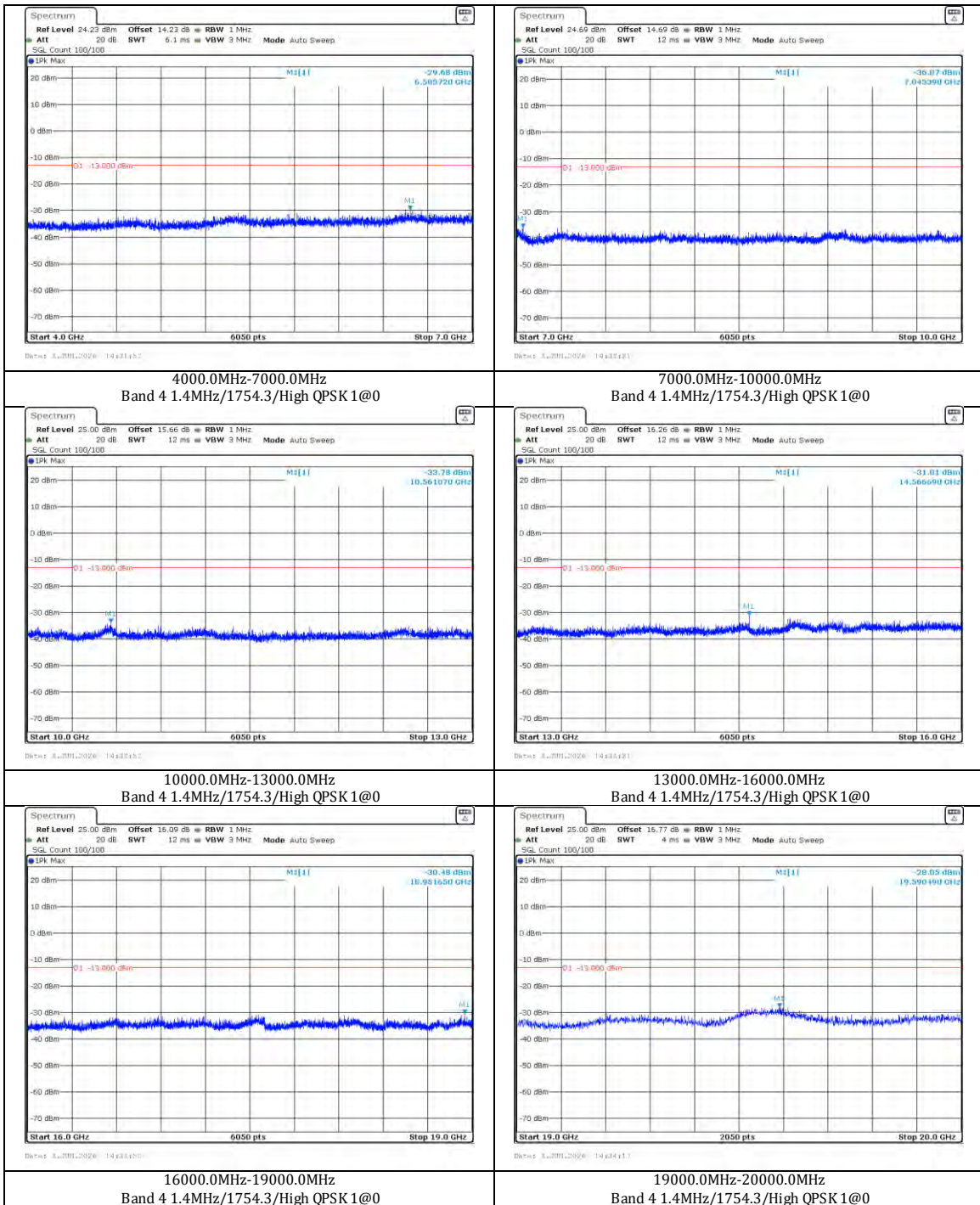
1000.0MHz-4000.0MHz
 Band 4 1.4MHz/1710.7/Low 16QAM 1@0

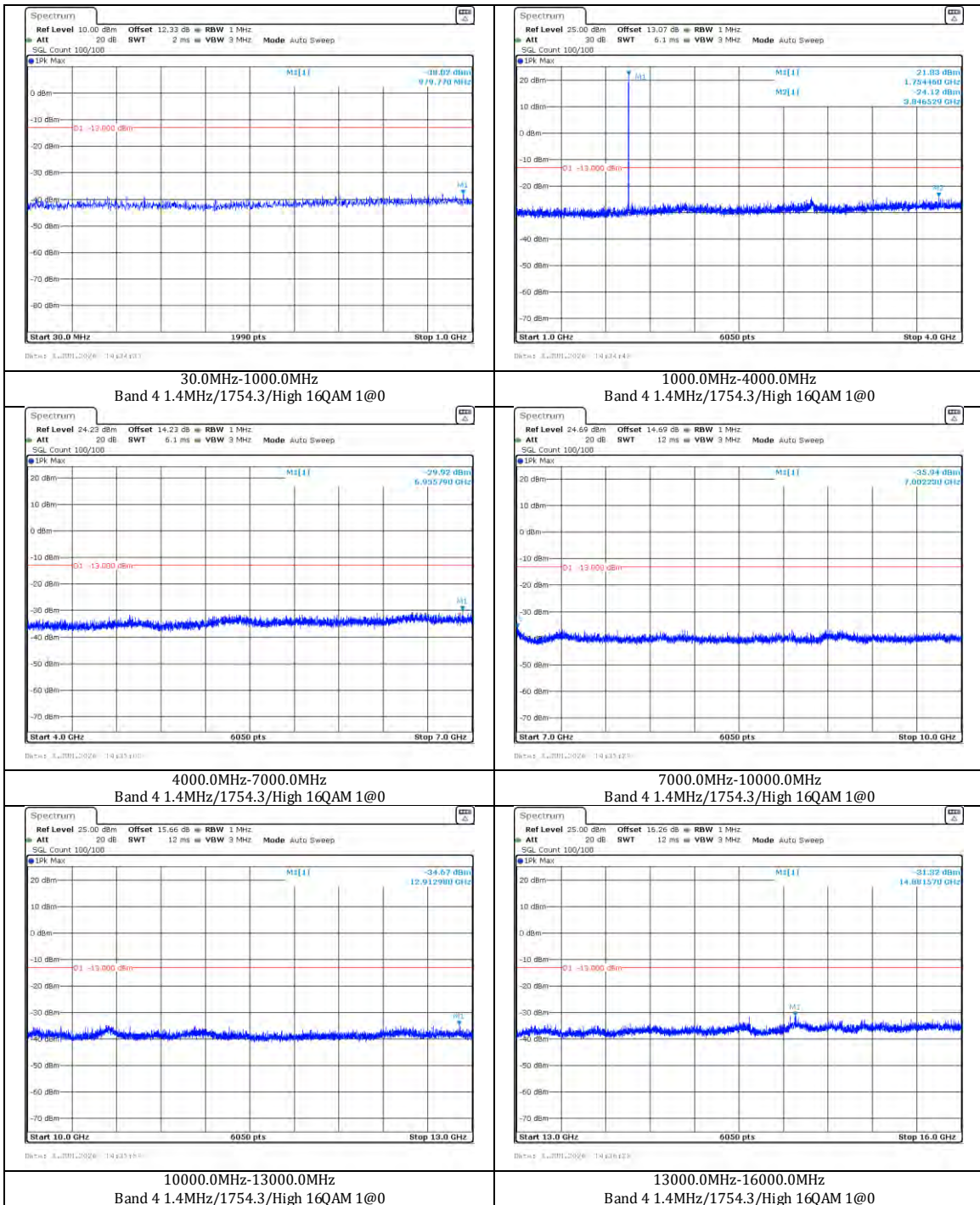


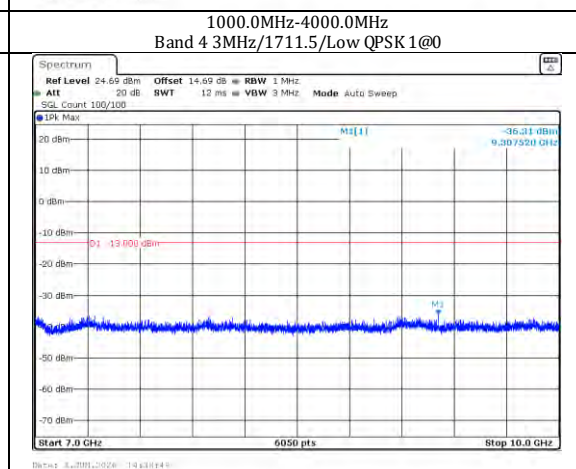
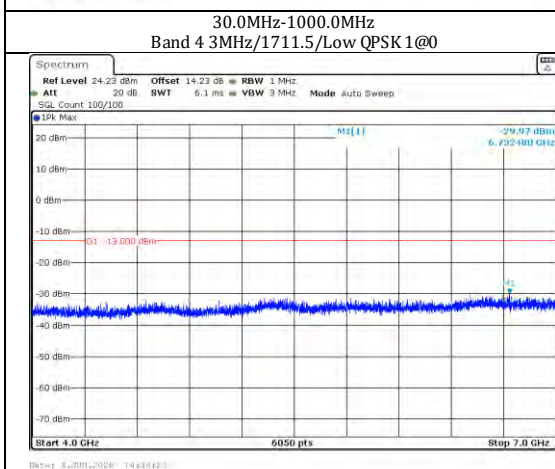
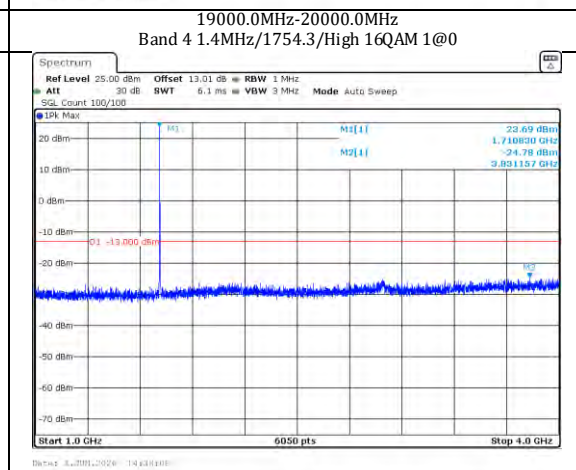
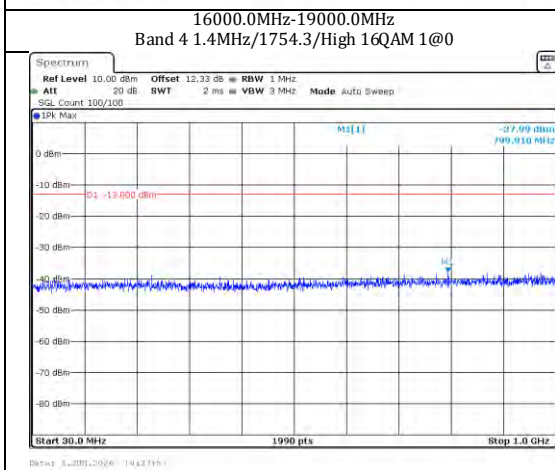
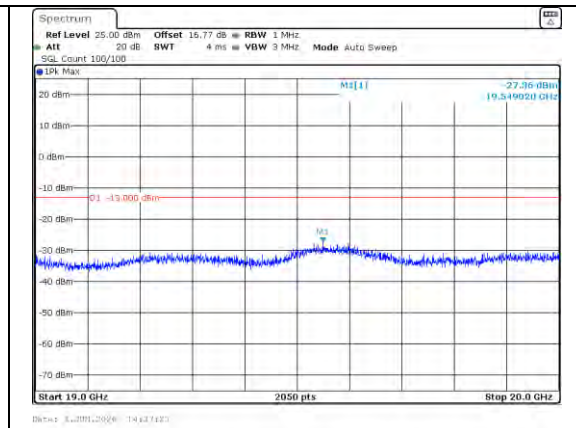
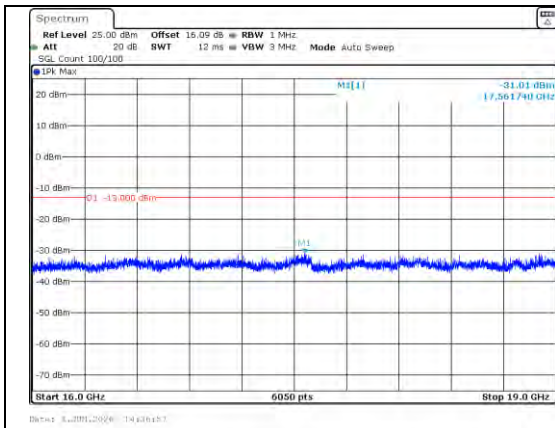
4000.0MHz-7000.0MHz
 Band 4 1.4MHz/1710.7/Low 16QAM 1@0

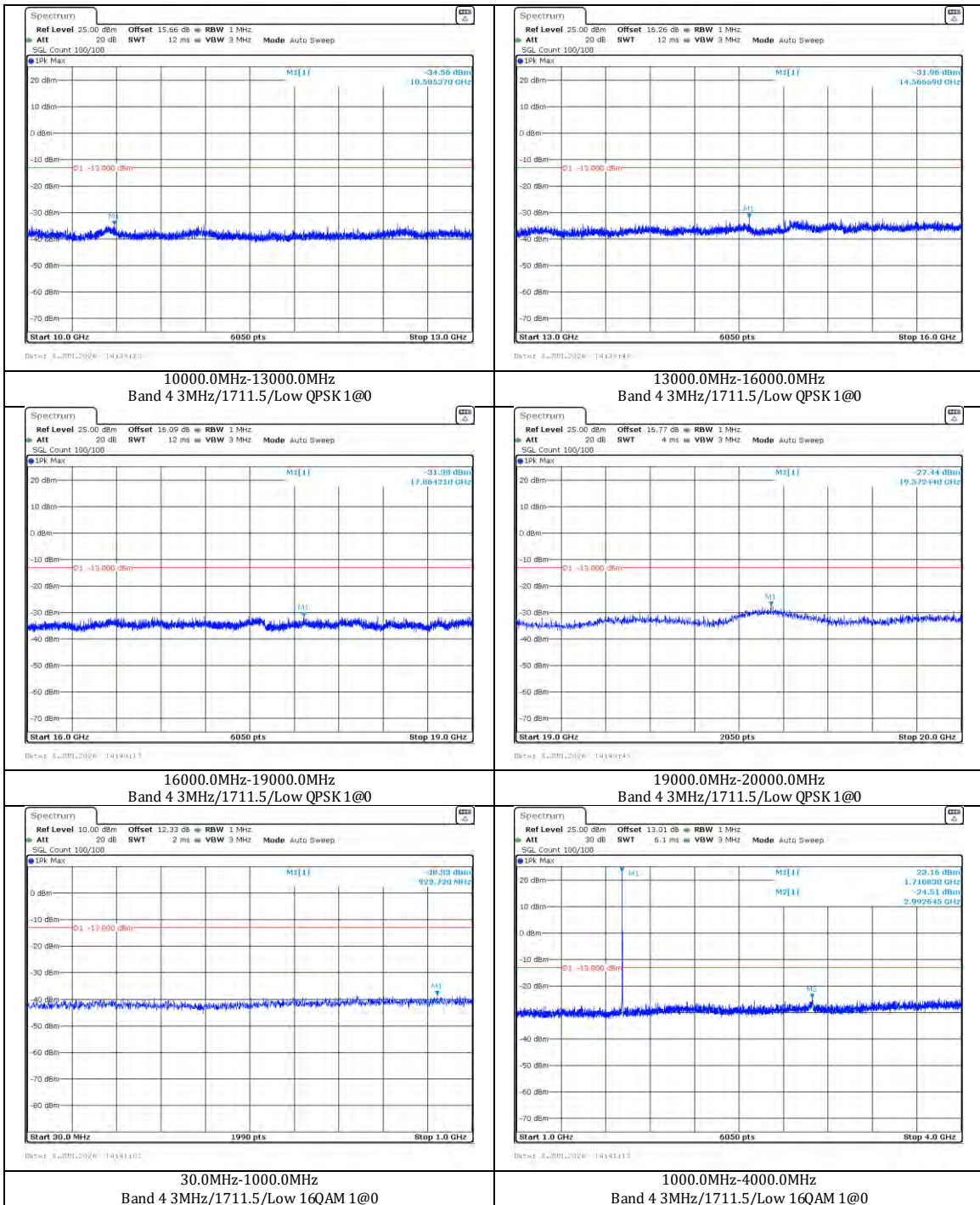
7000.0MHz-10000.0MHz
 Band 4 1.4MHz/1710.7/Low 16QAM 1@0

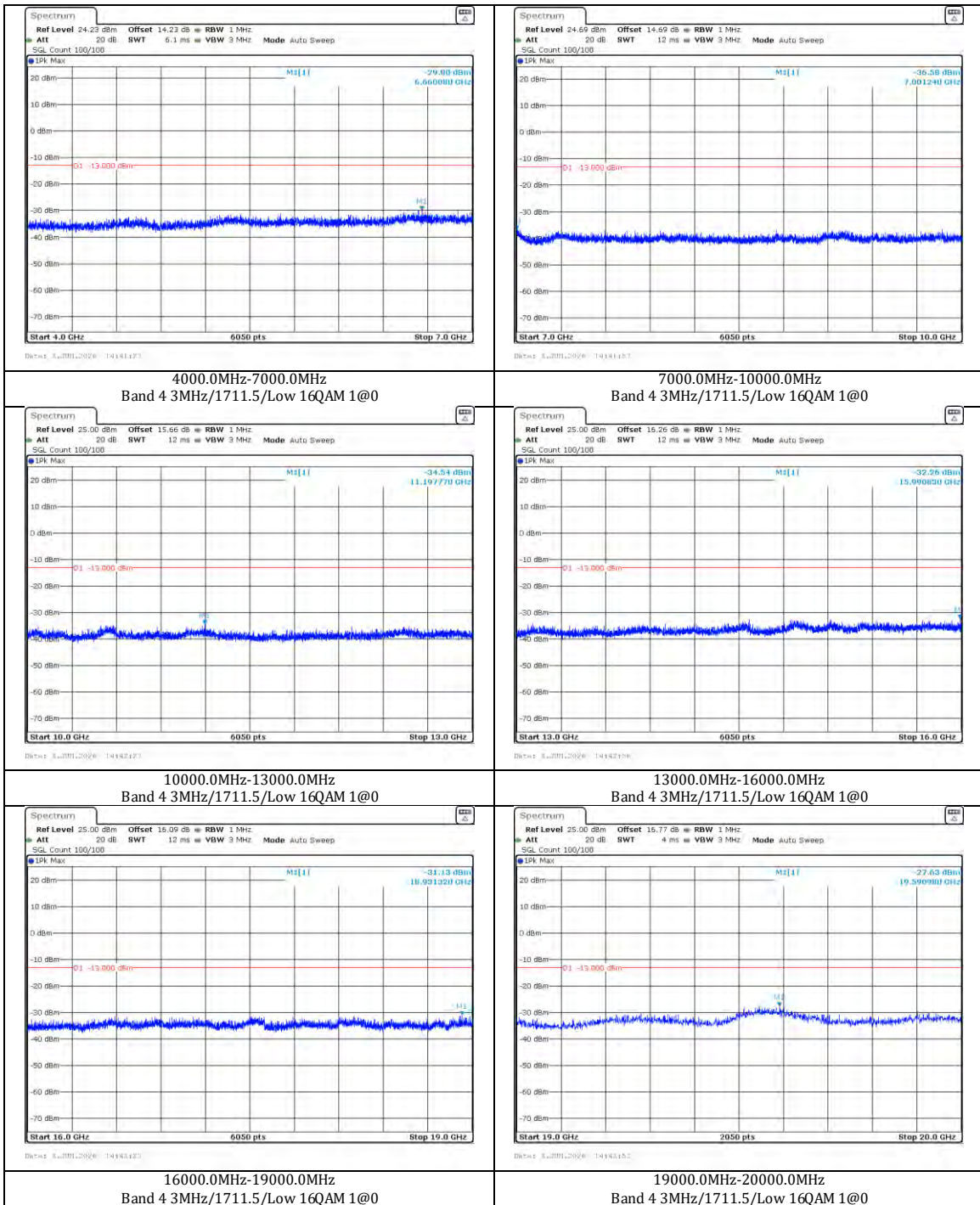


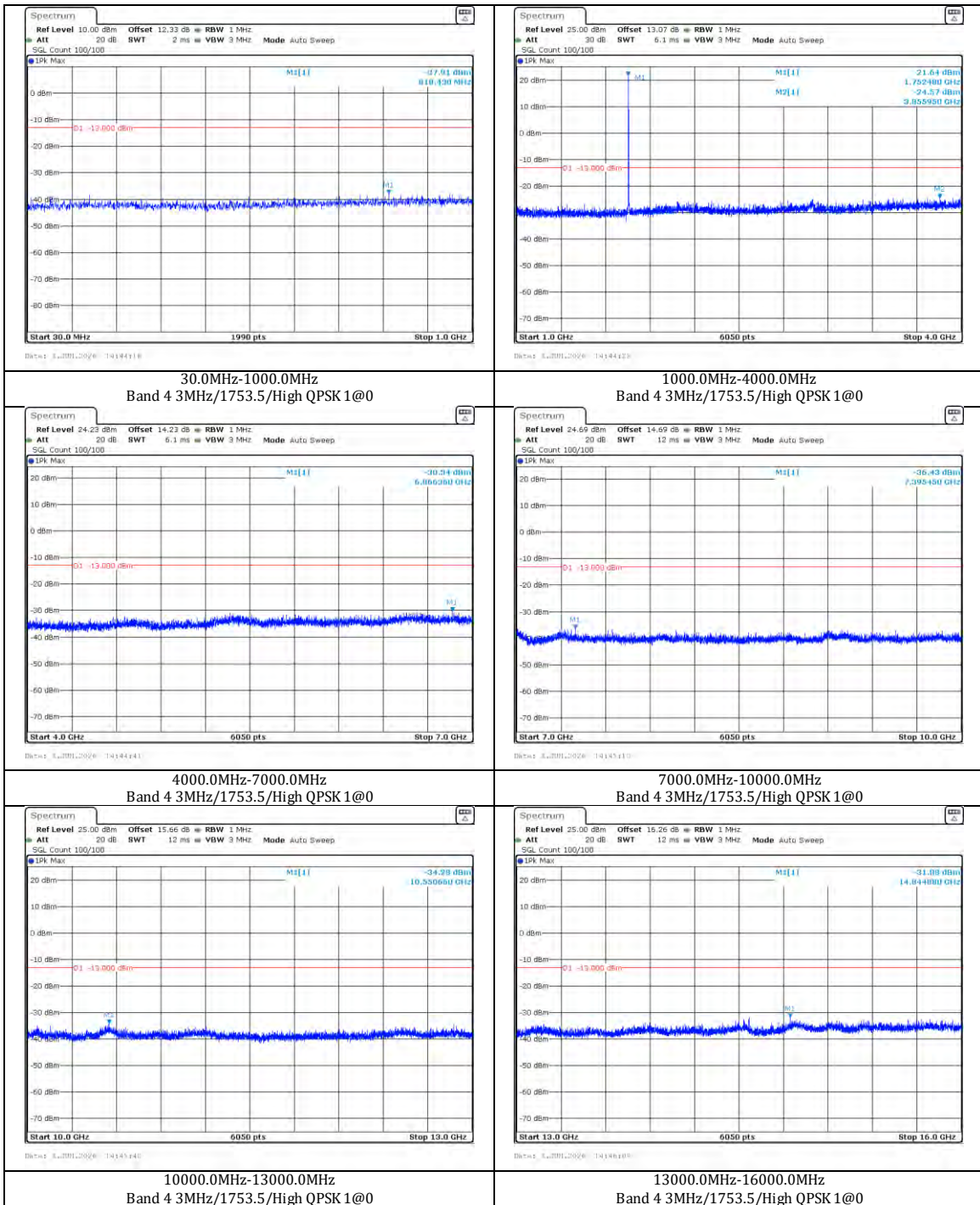


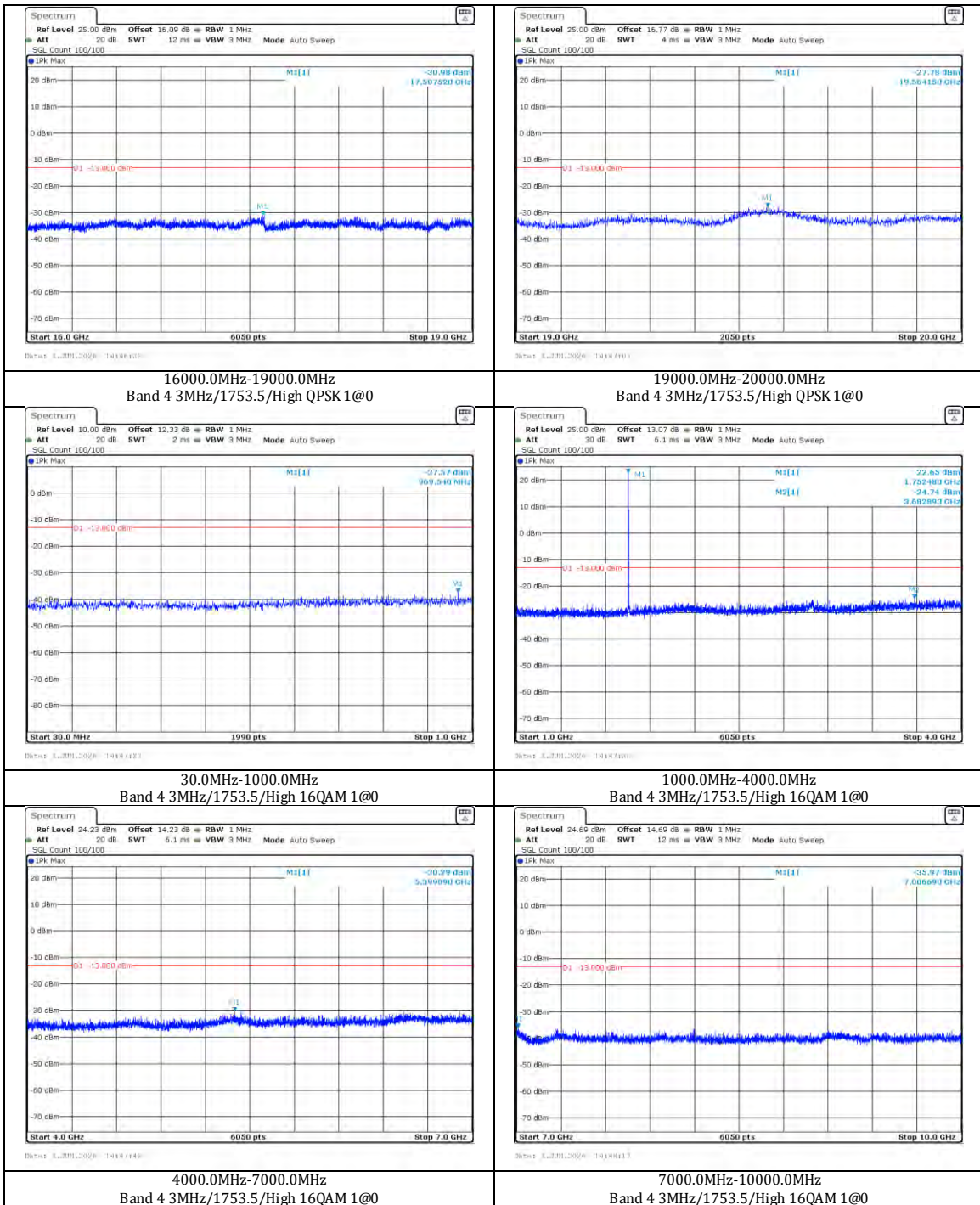


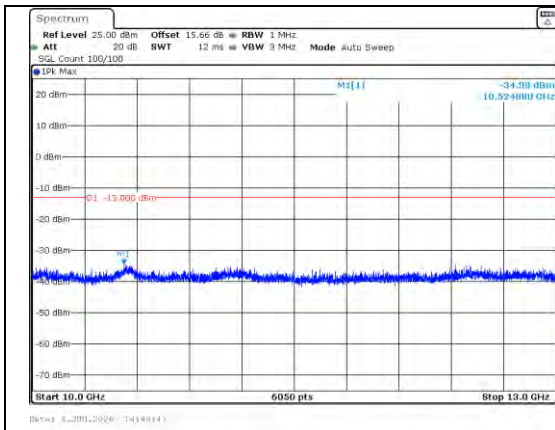




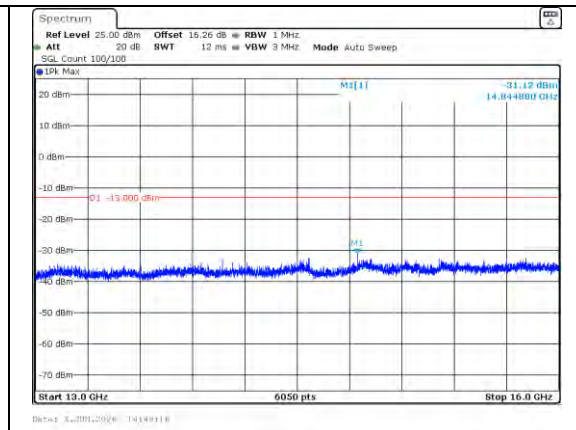




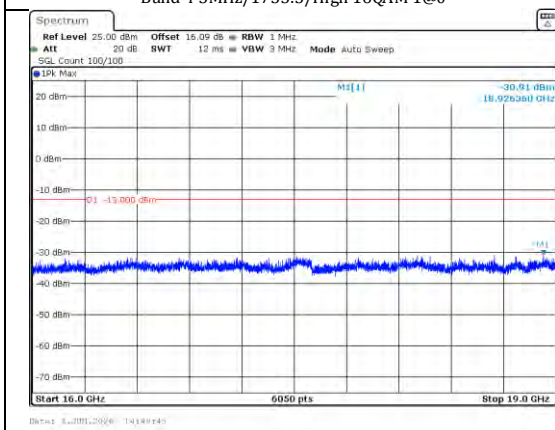




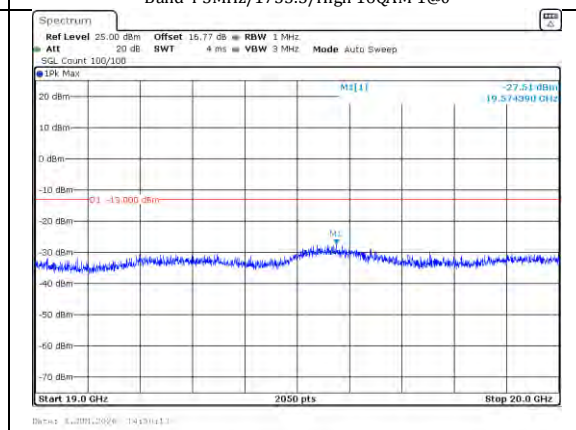
10000.0MHz-13000.0MHz
 Band 4 3MHz/1753.5/High 16QAM 1@0



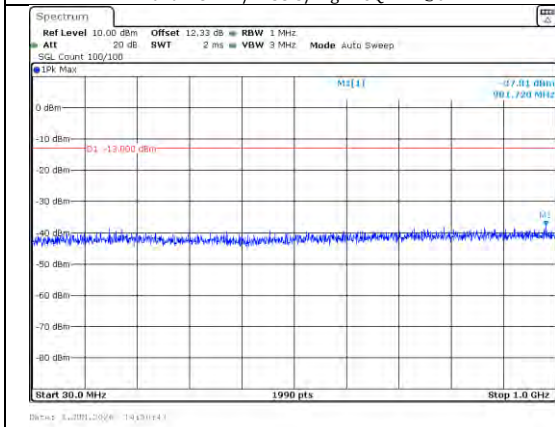
13000.0MHz-16000.0MHz
 Band 4 3MHz/1753.5/High 16QAM 1@0



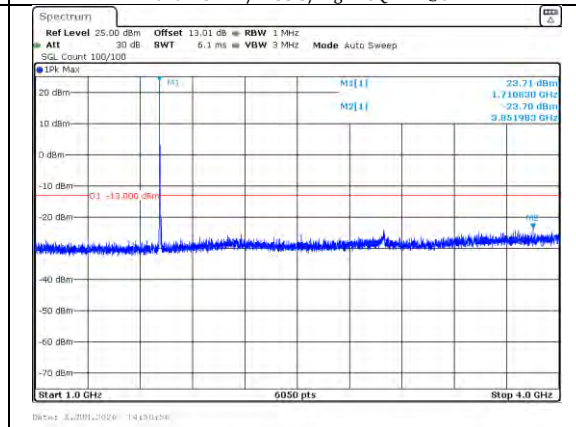
16000.0MHz-19000.0MHz
 Band 4 3MHz/1753.5/High 16QAM 1@0



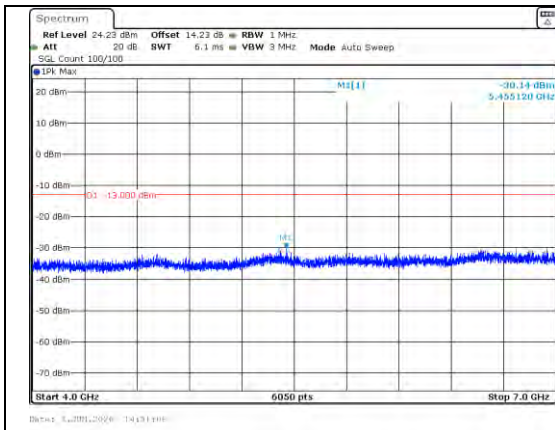
19000.0MHz-20000.0MHz
 Band 4 3MHz/1753.5/High 16QAM 1@0



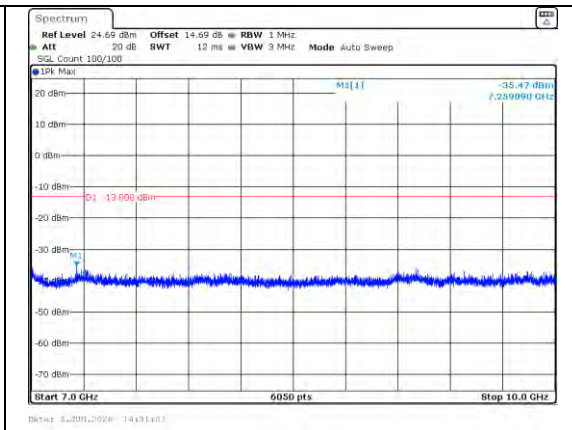
30.0MHz-1000.0MHz
 Band 4 5MHz/1712.5/Low QPSK 1@0



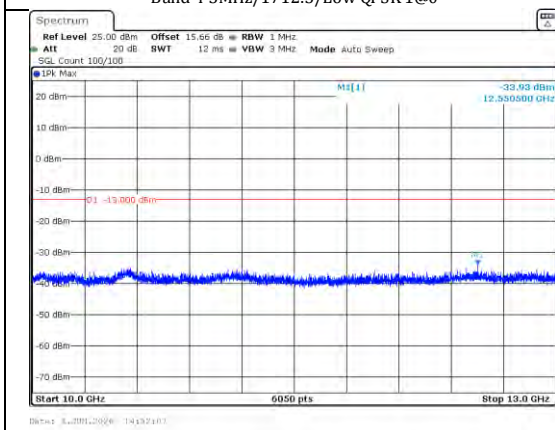
1000.0MHz-4000.0MHz
 Band 4 5MHz/1712.5/Low QPSK 1@0



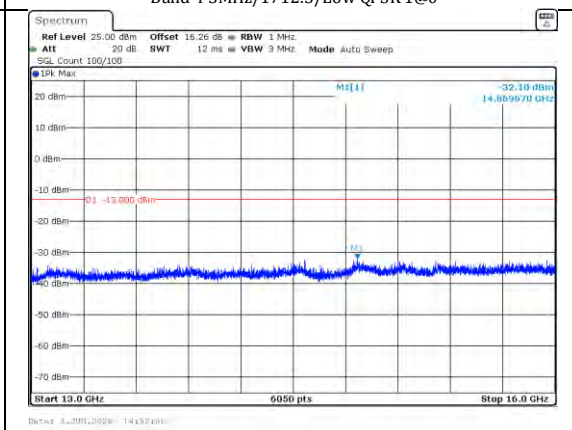
4000.0MHz-7000.0MHz
Band 4 5MHz/1712.5/Low QPSK 1@0



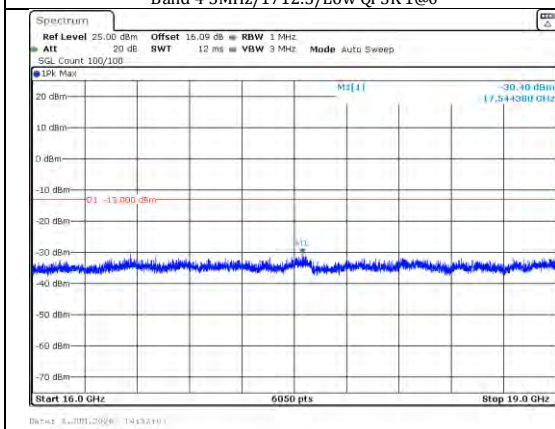
7000.0MHz-10000.0MHz
Band 4 5MHz/1712.5/Low QPSK 1@0



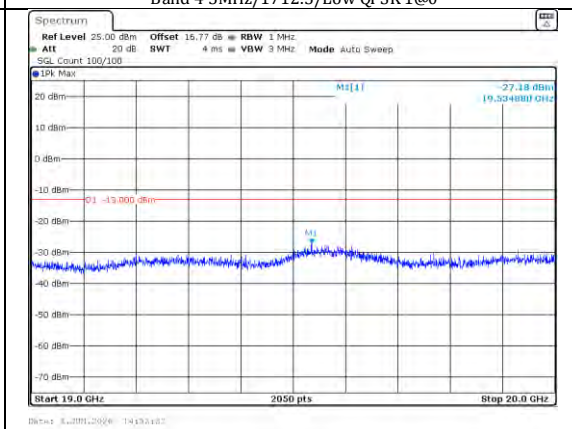
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Band 4 5MHz/1712.5/Low QPSK 1@0



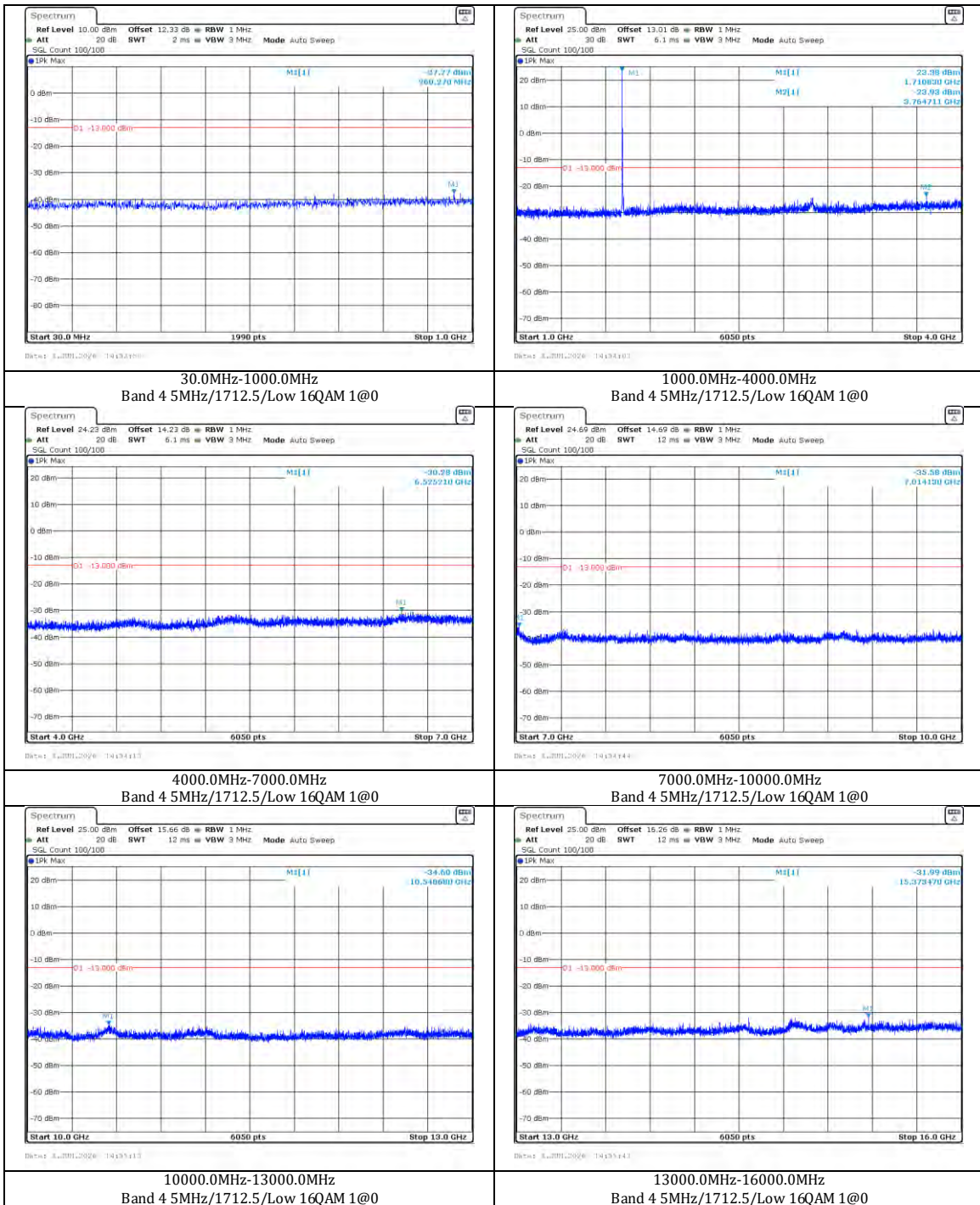
13000.0MHz-16000.0MHz
Band 4 5MHz/1712.5/Low QPSK 1@0

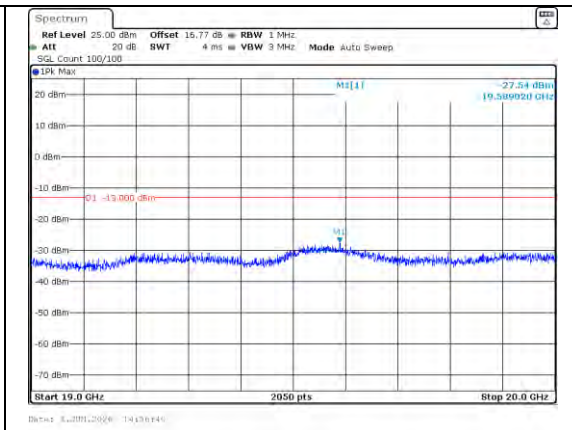
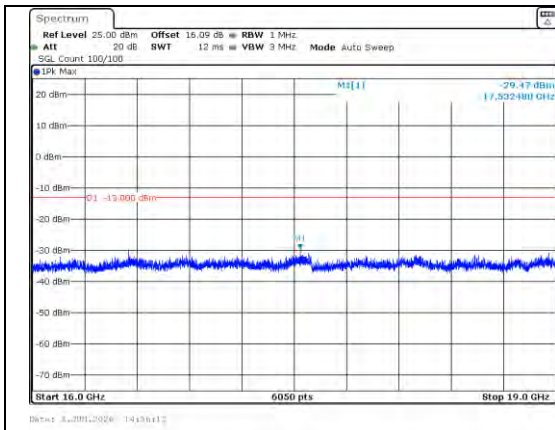


16000.0MHz-19000.0MHz
Band 4 5MHz/1712.5/Low QPSK 1@0



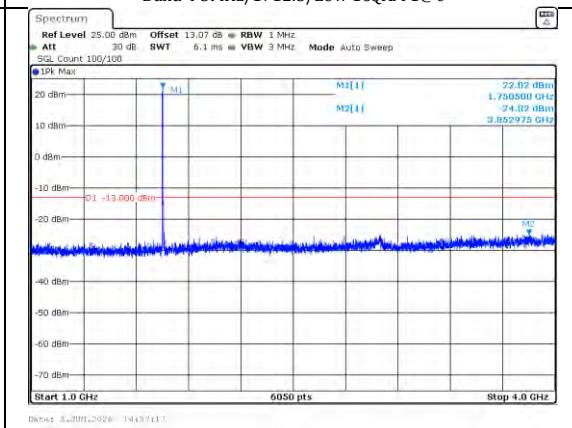
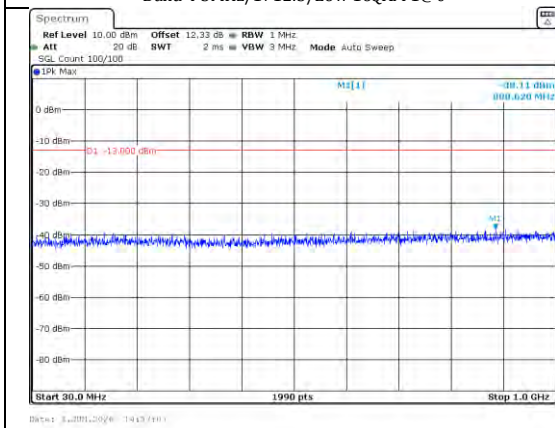
19000.0MHz-20000.0MHz
Band 4 5MHz/1712.5/Low QPSK 1@0





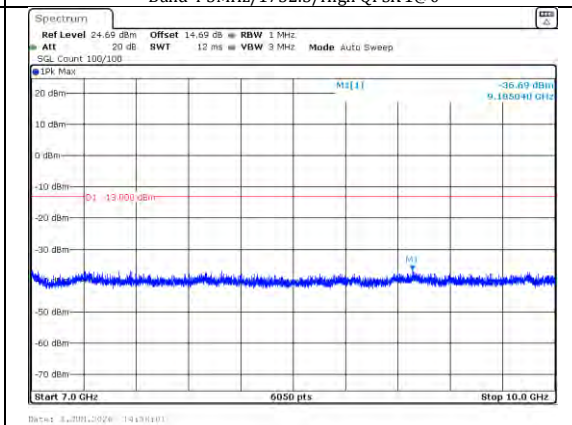
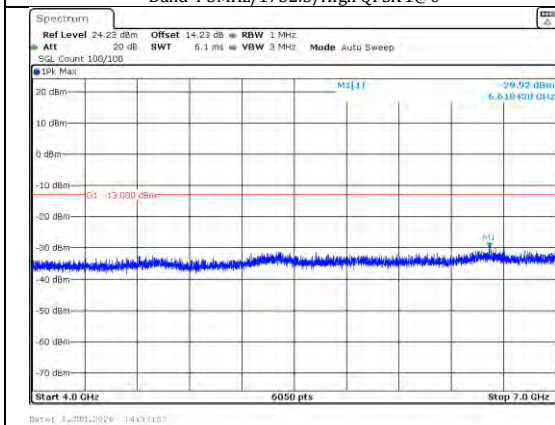
16000.0MHz-19000.0MHz
Band 4 5MHz/1712.5/Low 16QAM 1@0

19000.0MHz-20000.0MHz
Band 4 5MHz/1712.5/Low 16QAM 1@0



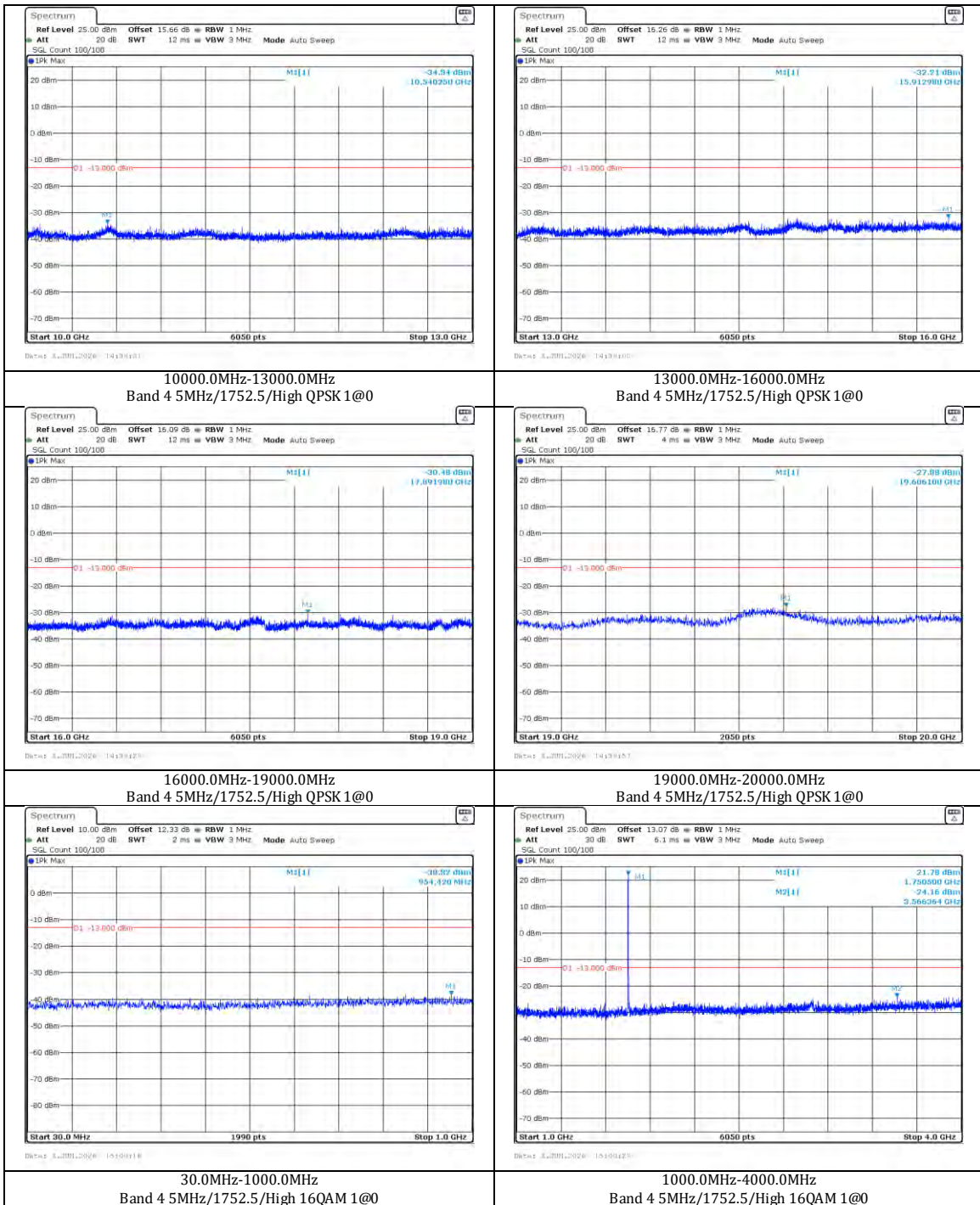
30.0MHz-1000.0MHz
Band 4 5MHz/1752.5/High QPSK 1@0

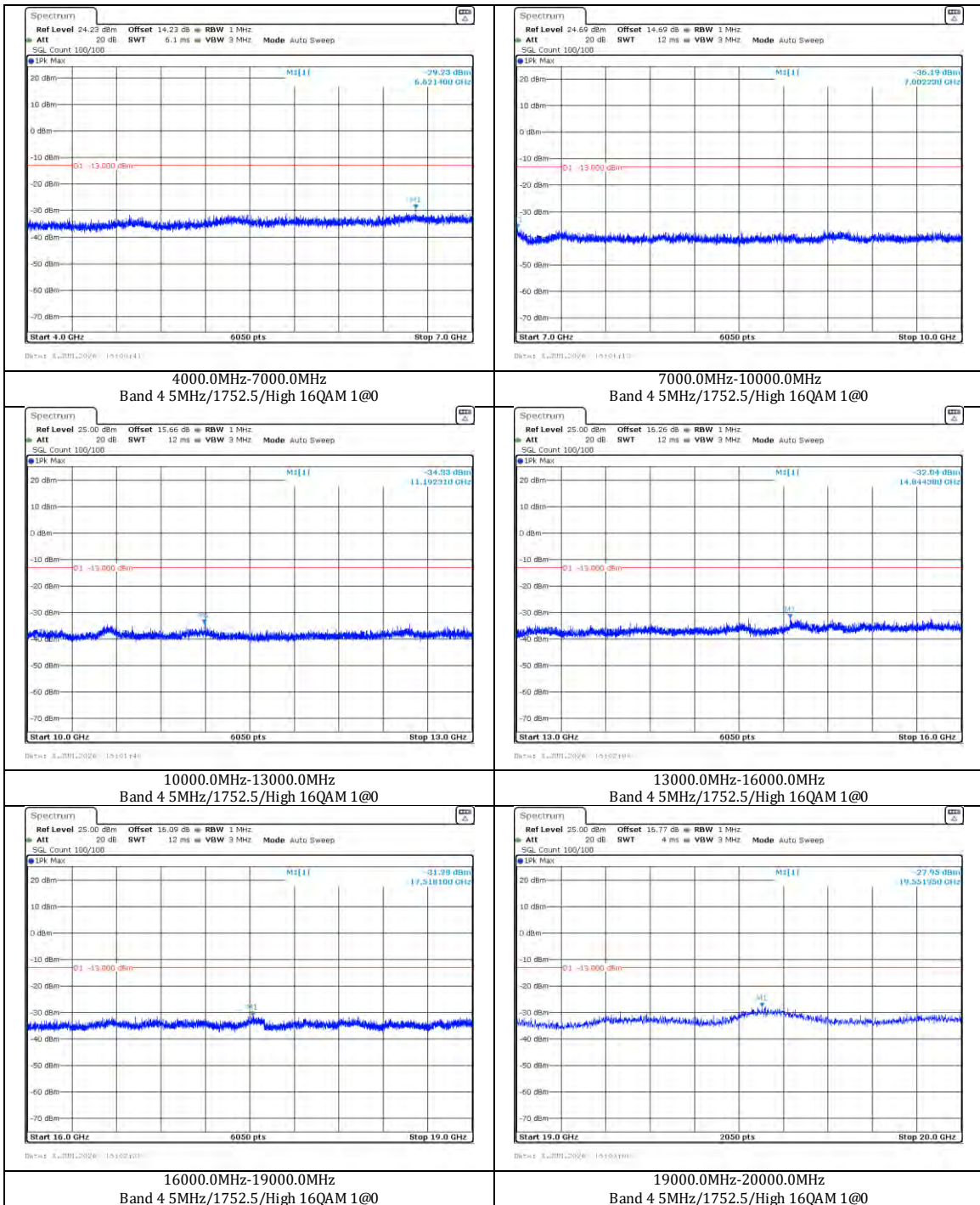
1000.0MHz-4000.0MHz
Band 4 5MHz/1752.5/High QPSK 1@0

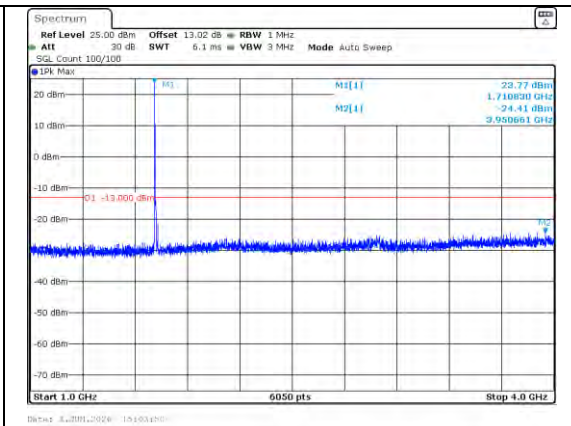
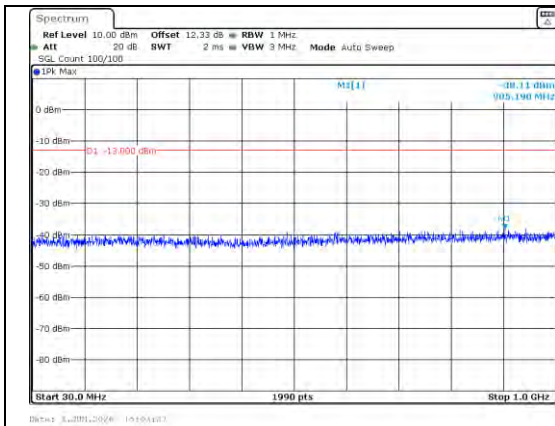


4000.0MHz-7000.0MHz
Band 4 5MHz/1752.5/High QPSK 1@0

7000.0MHz-10000.0MHz
Band 4 5MHz/1752.5/High QPSK 1@0

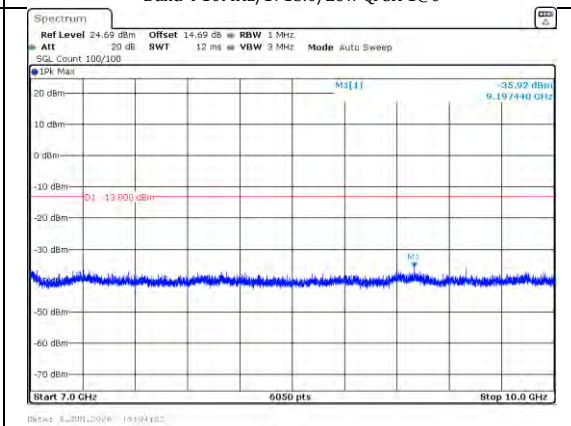
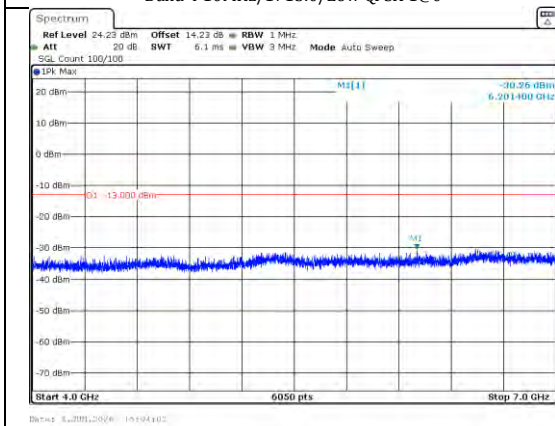






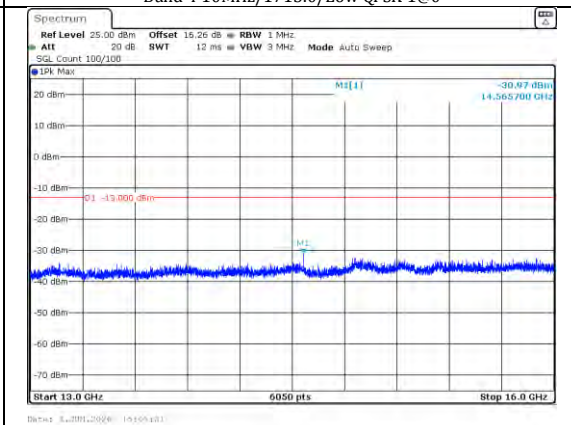
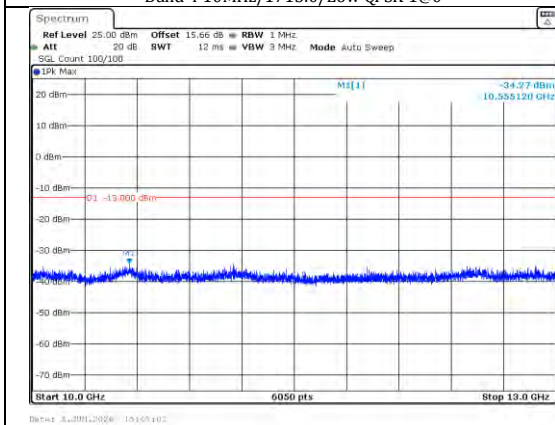
30.0MHz-1000.0MHz
 Band 4 10MHz/1715.0/Low QPSK 1@0

1000.0MHz-4000.0MHz
 Band 4 10MHz/1715.0/Low QPSK 1@0



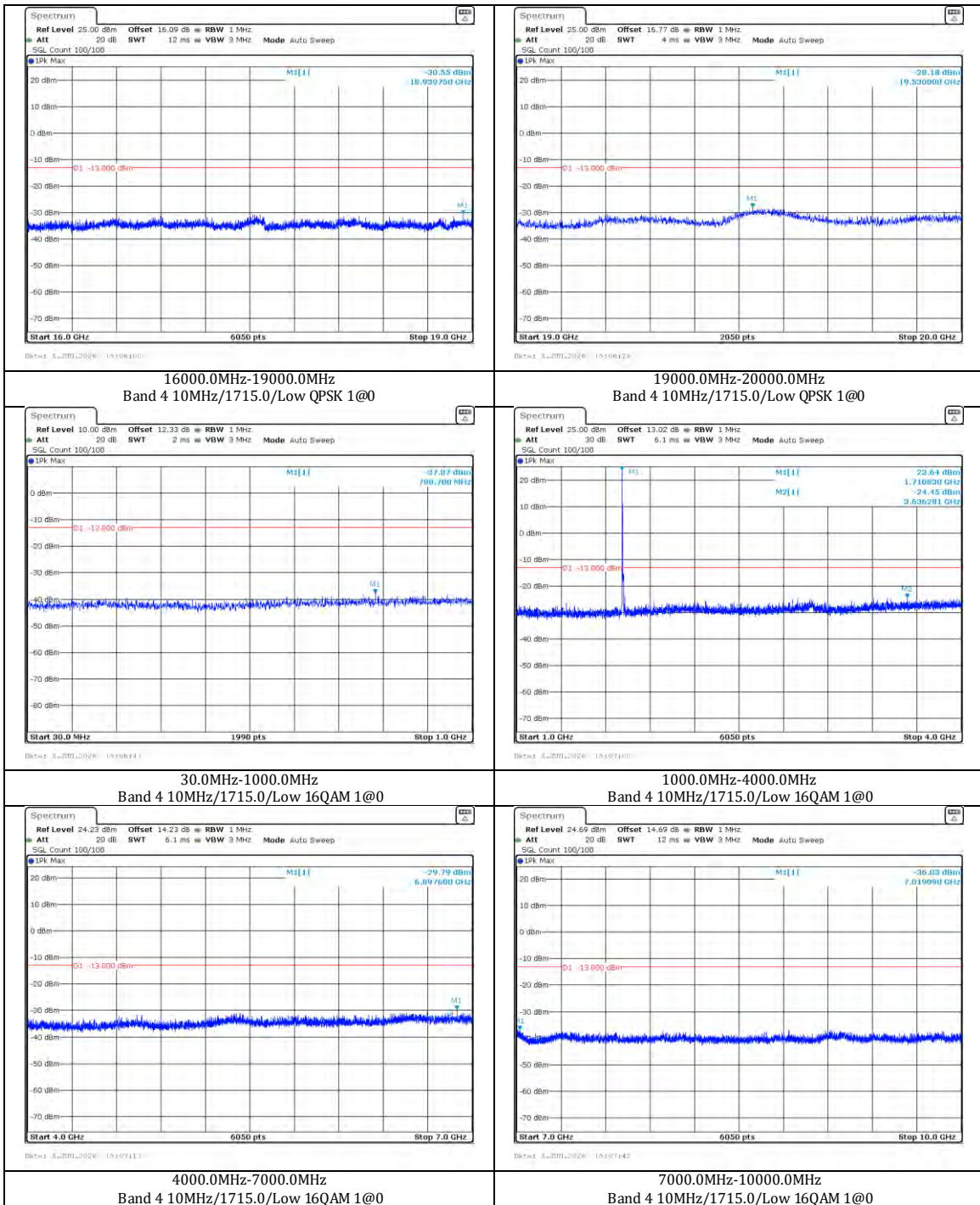
4000.0MHz-7000.0MHz
 Band 4 10MHz/1715.0/Low QPSK 1@0

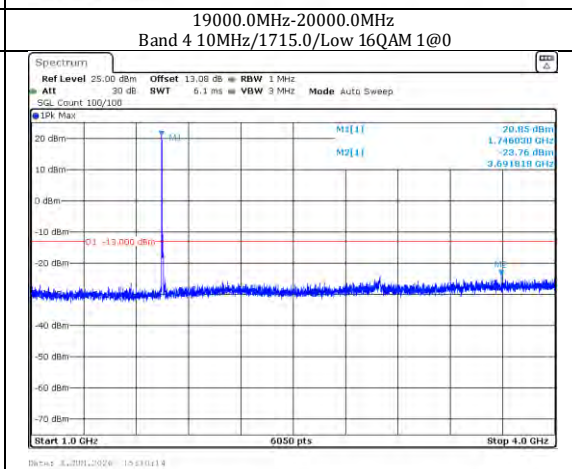
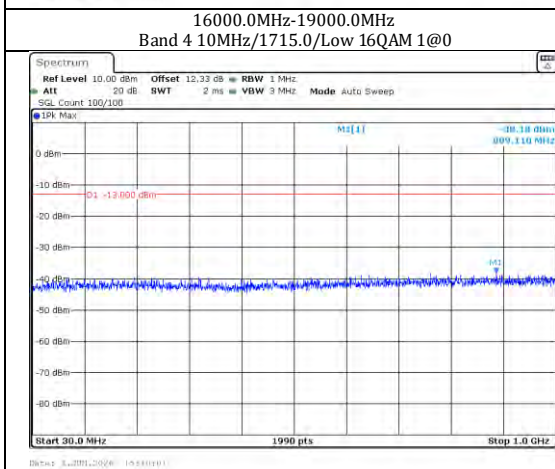
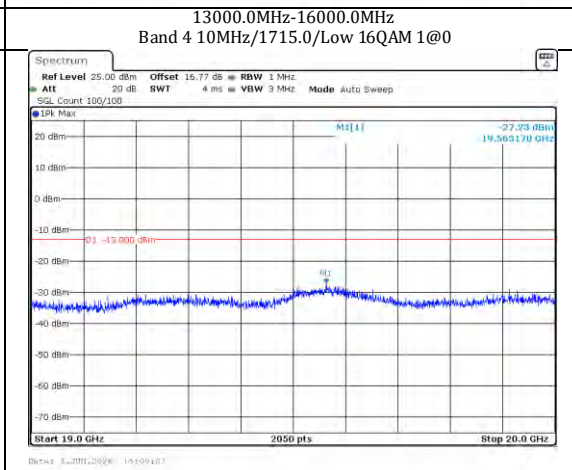
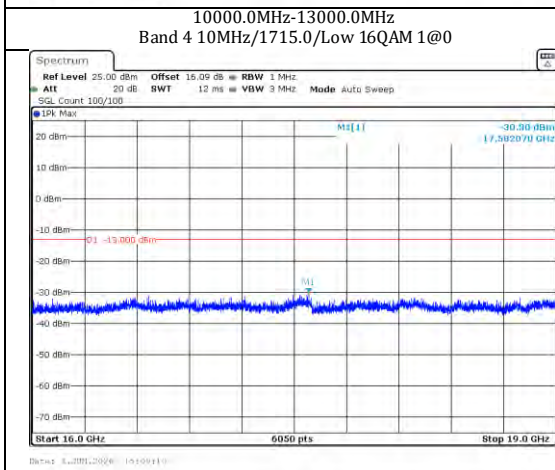
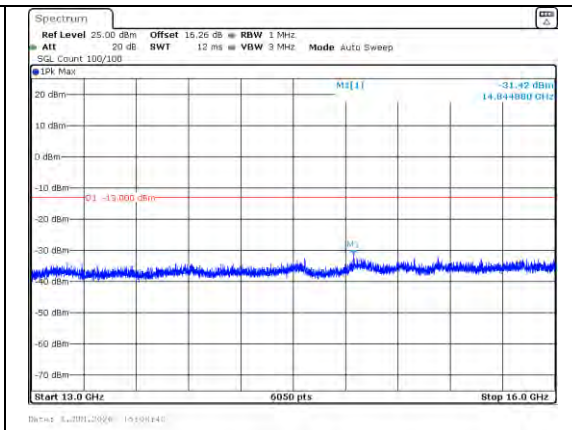
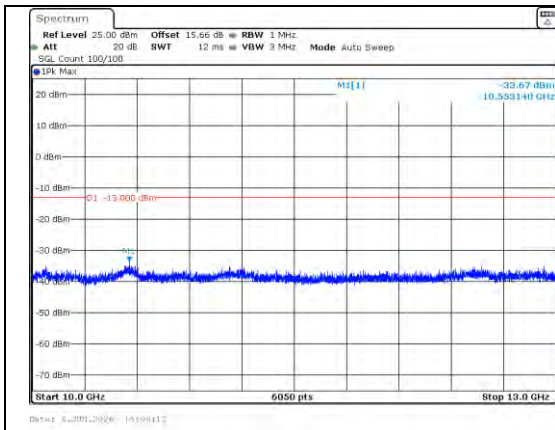
7000.0MHz-10000.0MHz
 Band 4 10MHz/1715.0/Low QPSK 1@0

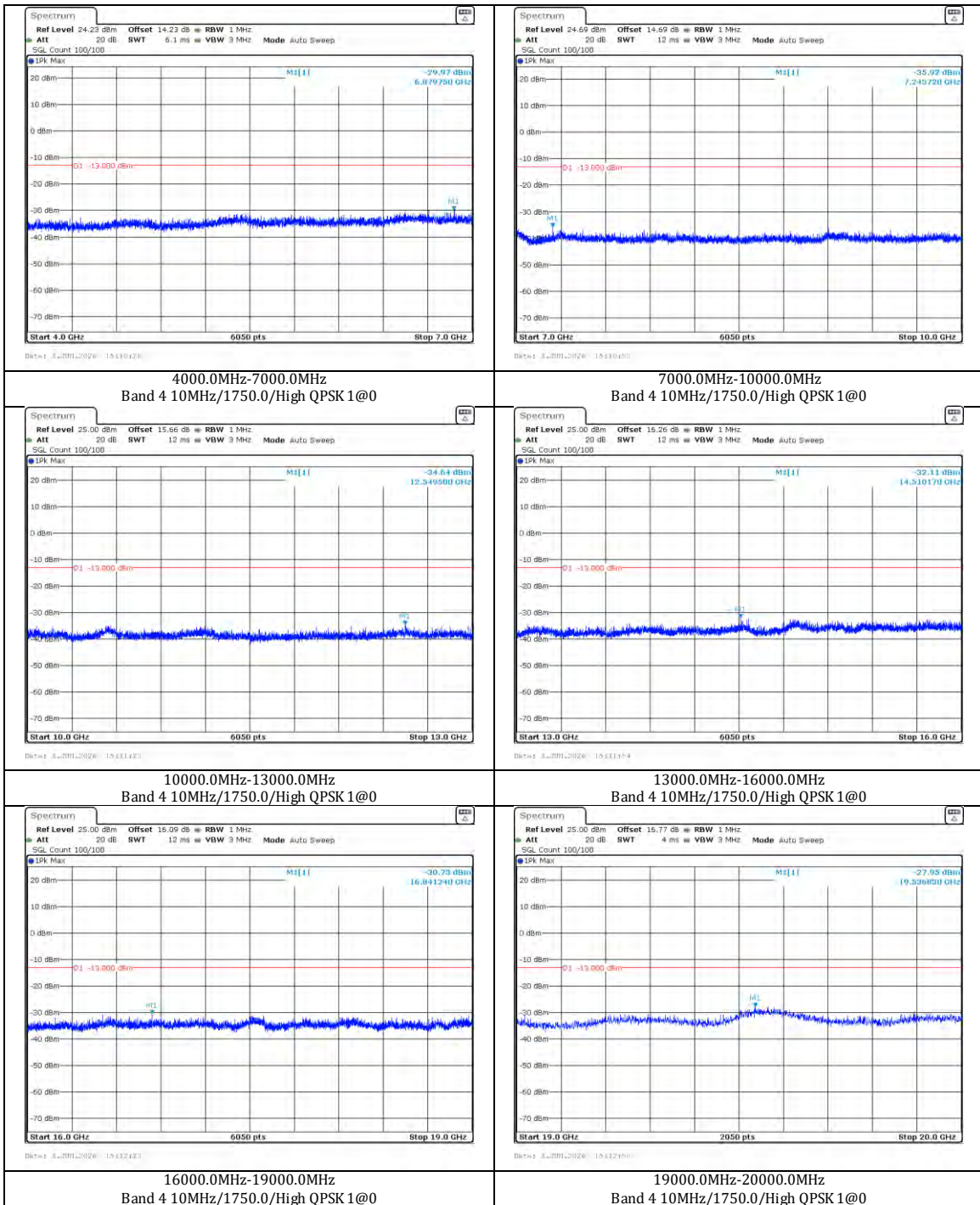


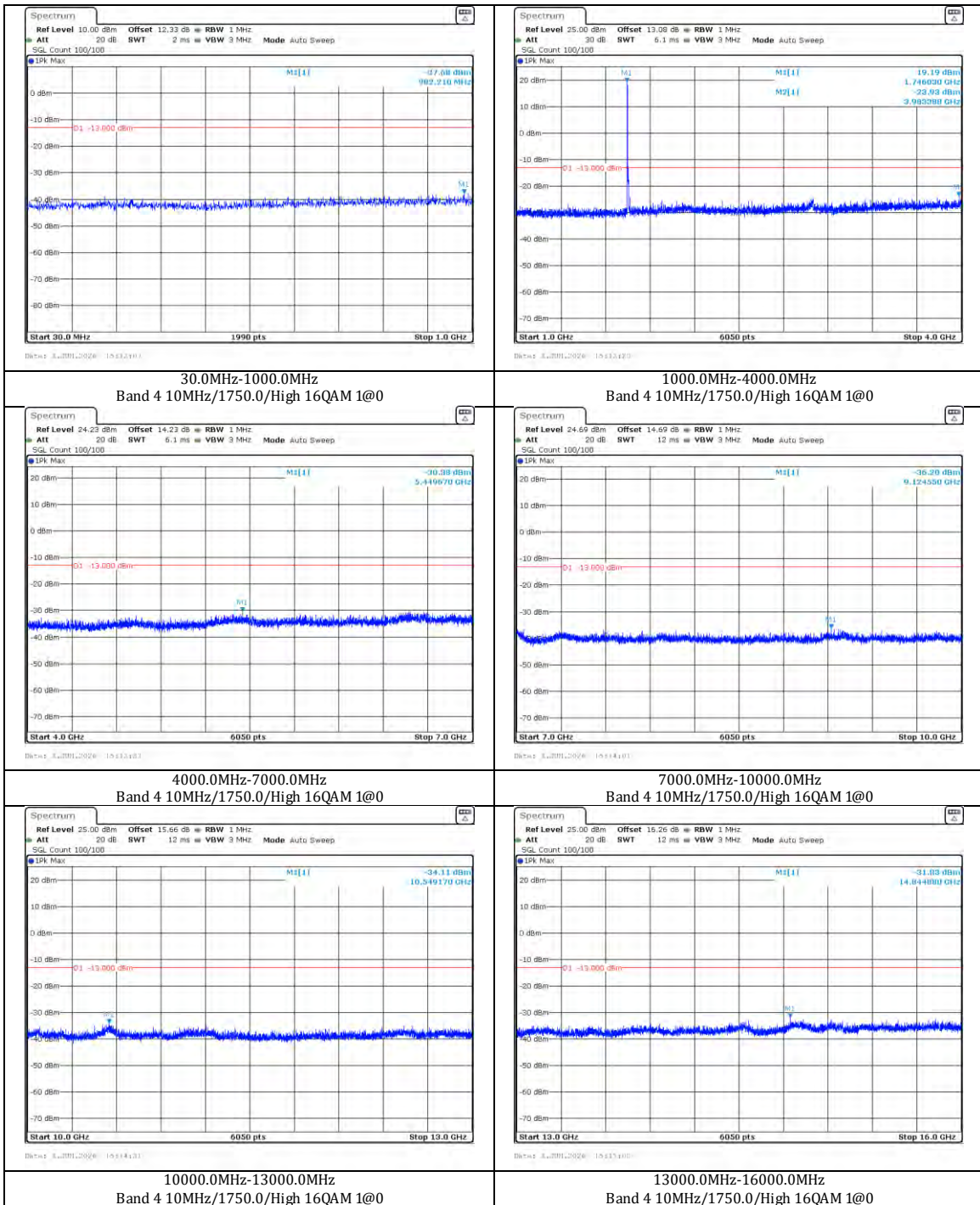
10000.0MHz-13000.0MHz
 Band 4 10MHz/1715.0/Low QPSK 1@0

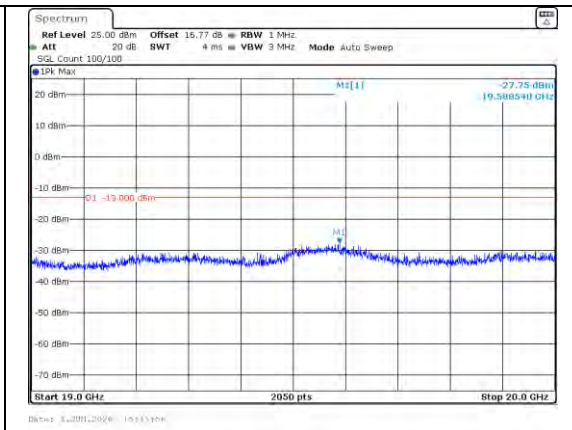
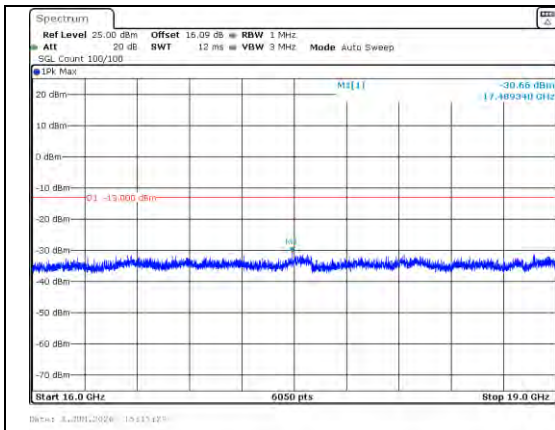
13000.0MHz-16000.0MHz
 Band 4 10MHz/1715.0/Low QPSK 1@0



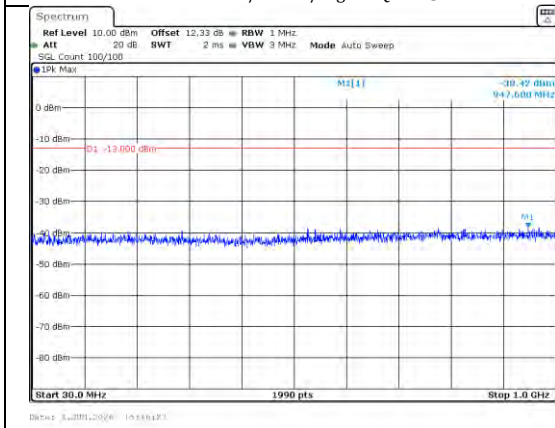




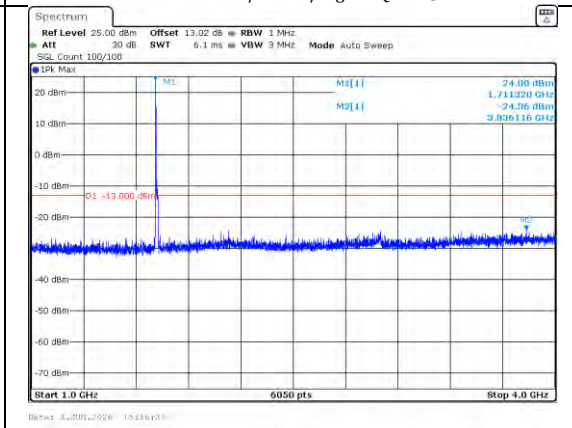




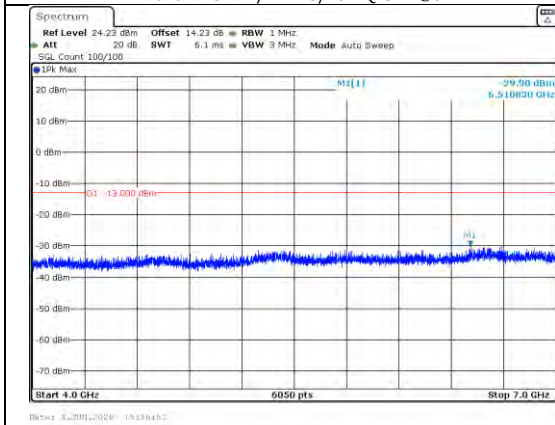
16000.0MHz-19000.0MHz
Band 4 10MHz/1750.0/High 16QAM 1@0



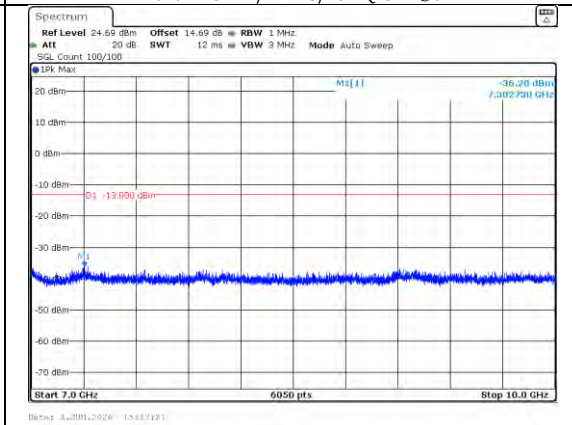
19000.0MHz-20000.0MHz
Band 4 10MHz/1750.0/High 16QAM 1@0



30.0MHz-1000.0MHz
Band 4 15MHz/1717.5/Low QPSK 1@0

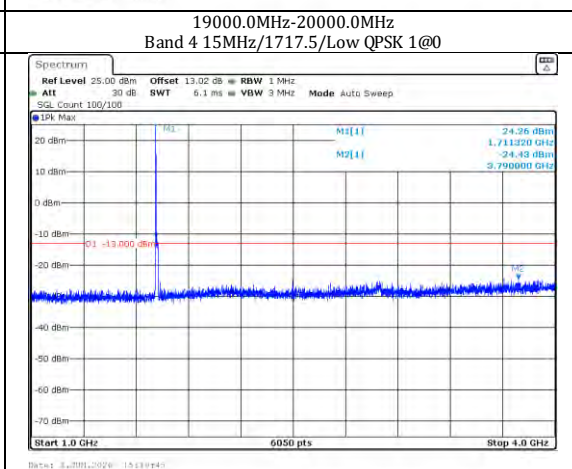
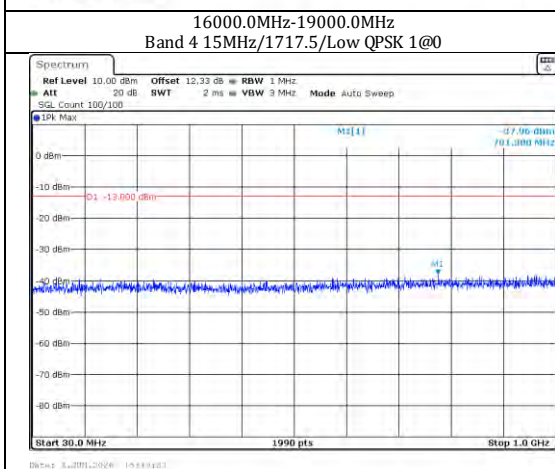
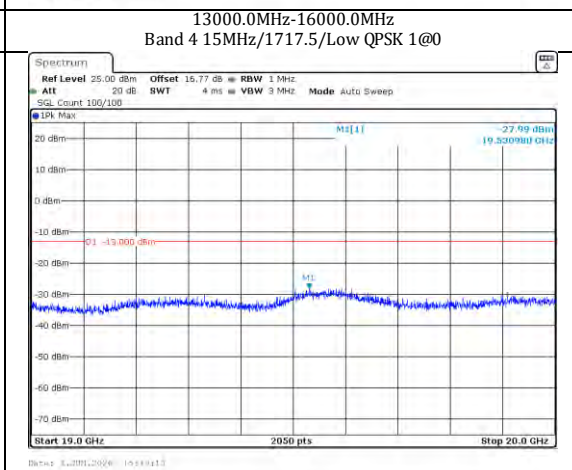
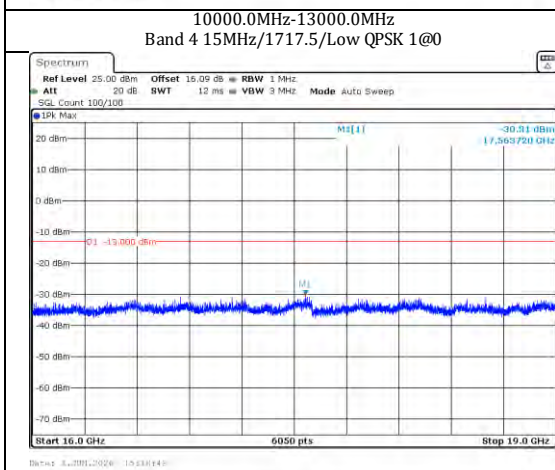
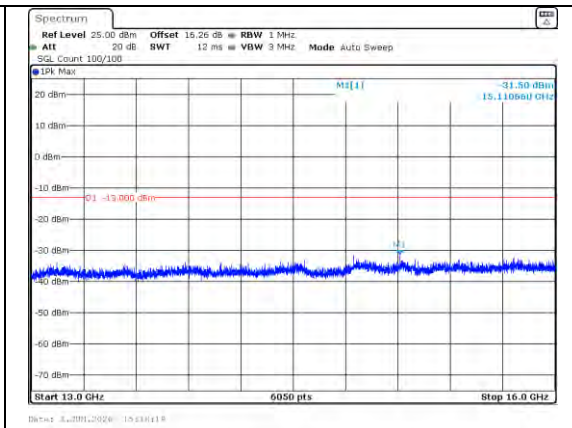
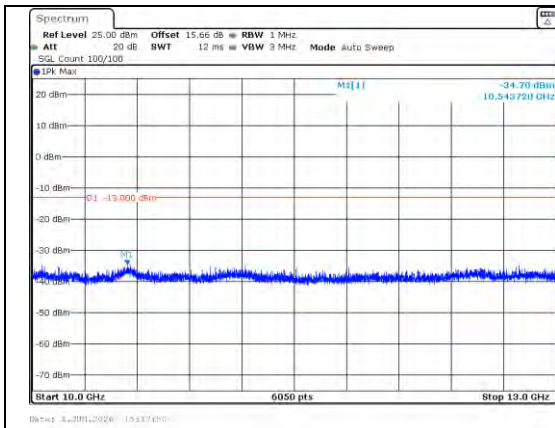


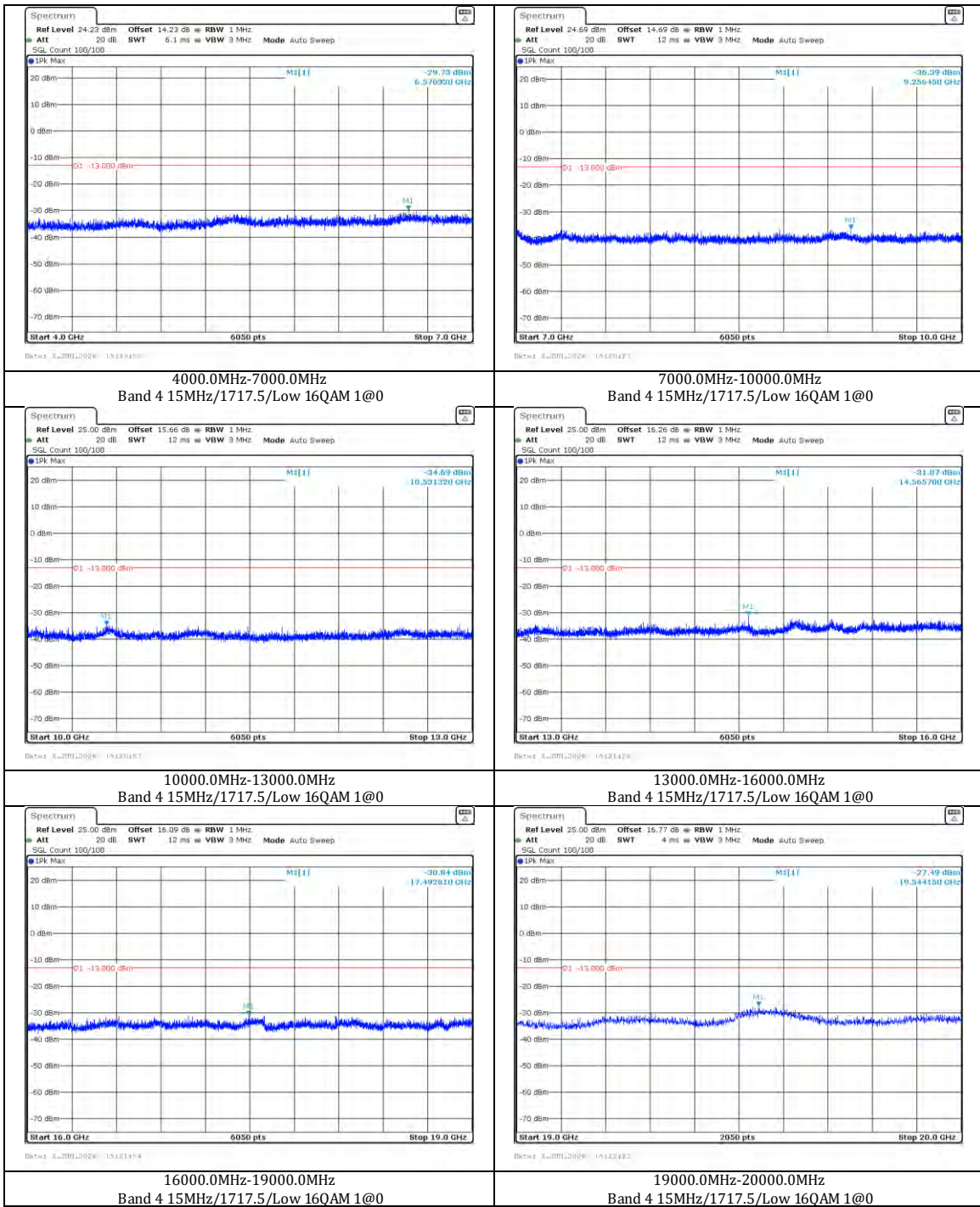
1000.0MHz-4000.0MHz
Band 4 15MHz/1717.5/Low QPSK 1@0

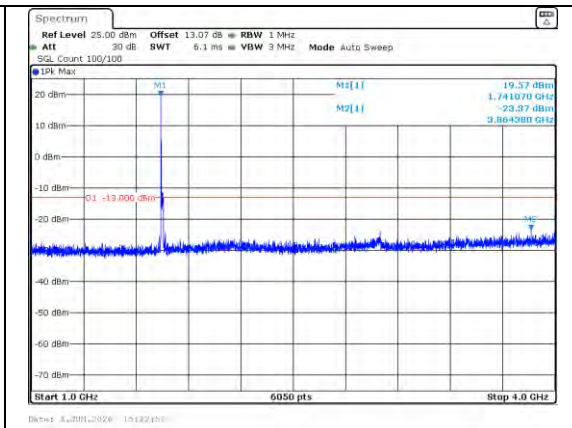
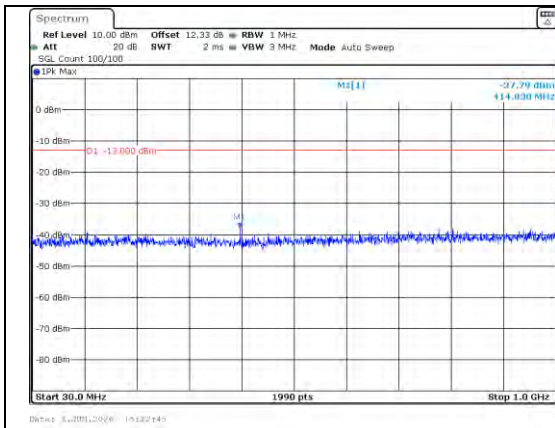


4000.0MHz-7000.0MHz
Band 4 15MHz/1717.5/Low QPSK 1@0

7000.0MHz-10000.0MHz
Band 4 15MHz/1717.5/Low QPSK 1@0

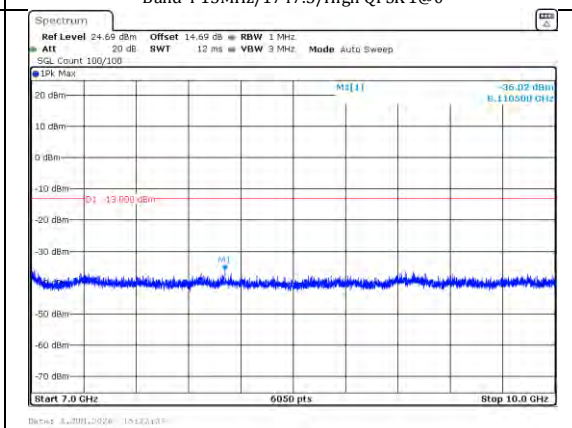
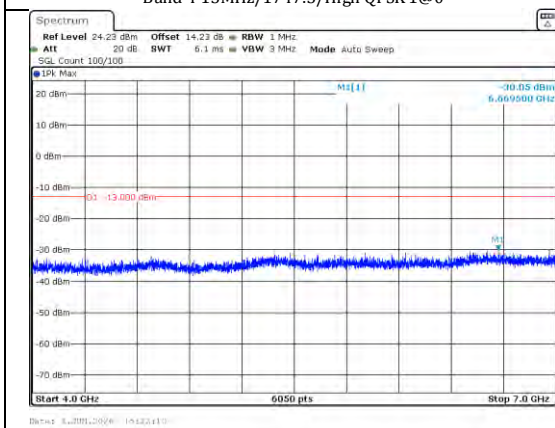






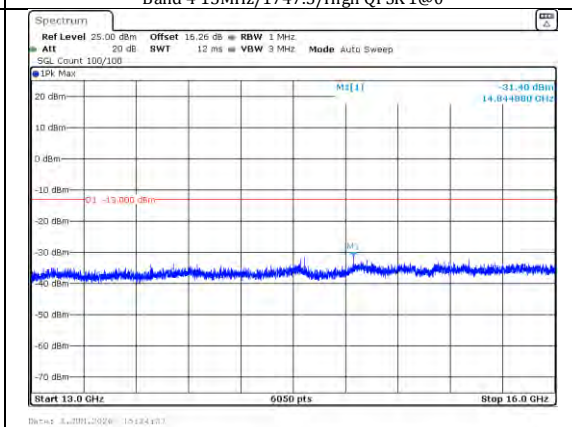
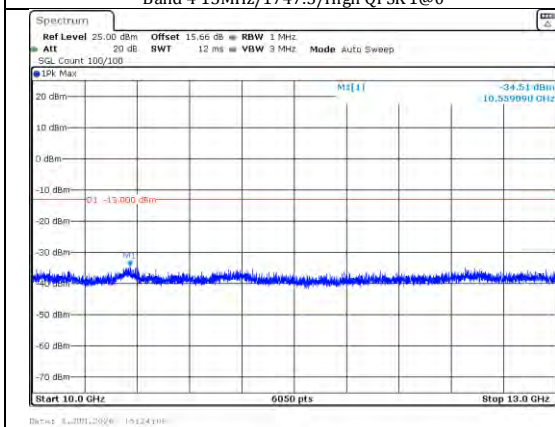
30.0MHz-1000.0MHz
 Band 4 15MHz/1747.5/High QPSK 1@0

1000.0MHz-4000.0MHz
 Band 4 15MHz/1747.5/High QPSK 1@0



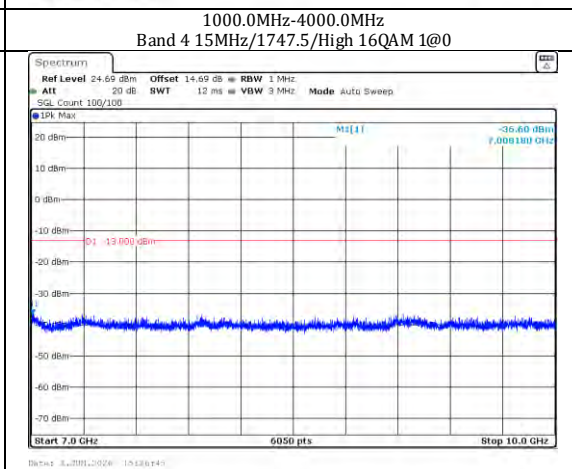
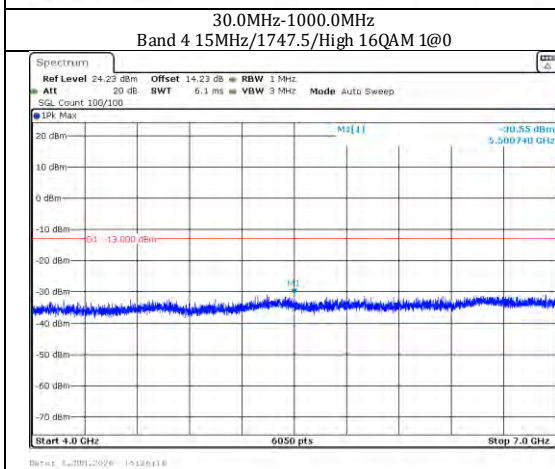
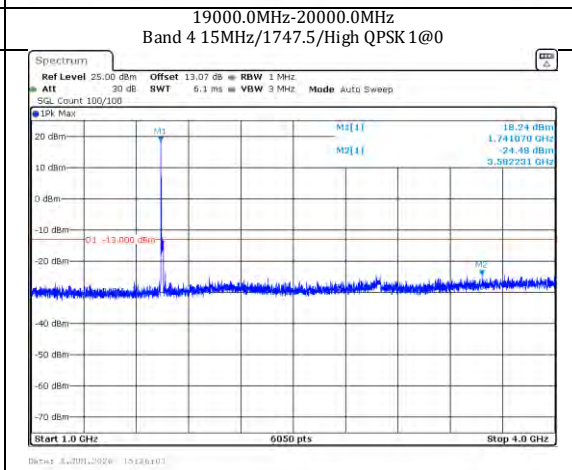
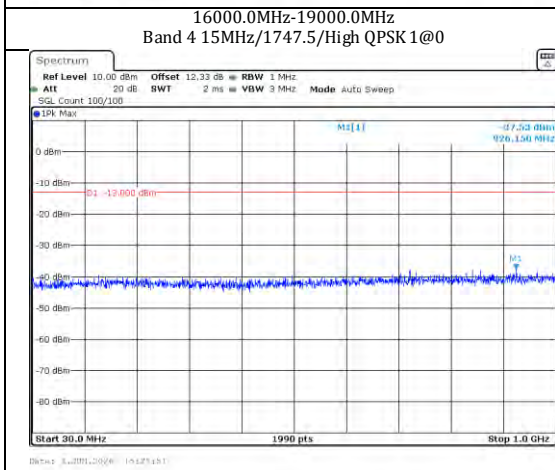
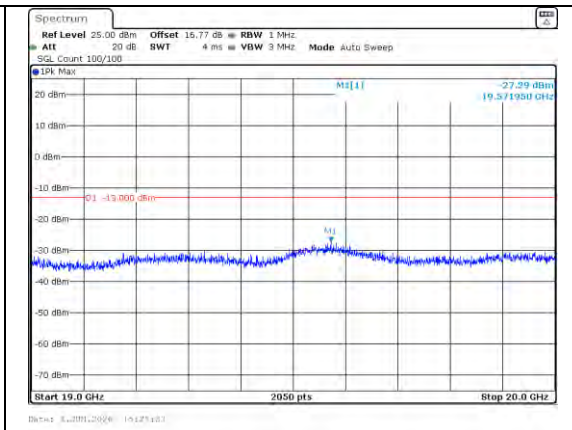
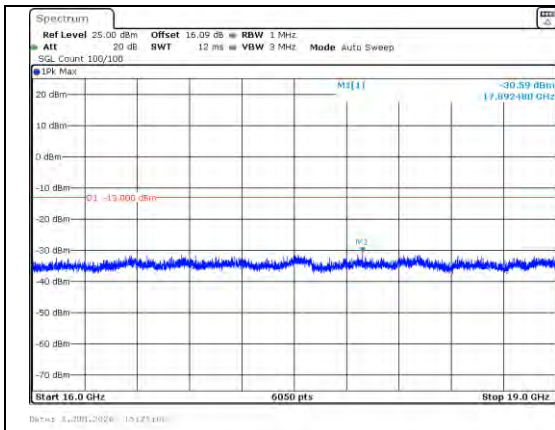
4000.0MHz-7000.0MHz
 Band 4 15MHz/1747.5/High QPSK 1@0

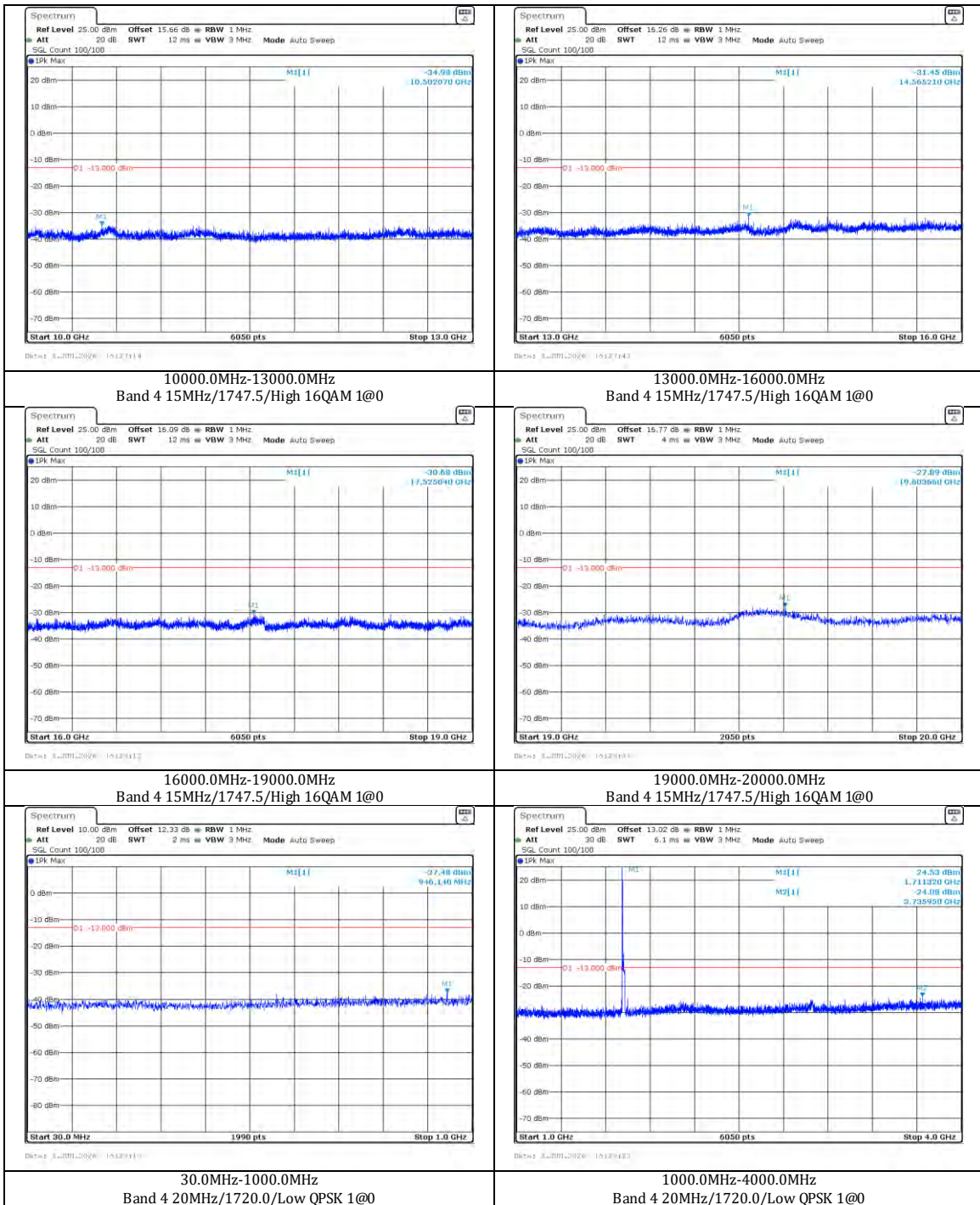
7000.0MHz-10000.0MHz
 Band 4 15MHz/1747.5/High QPSK 1@0

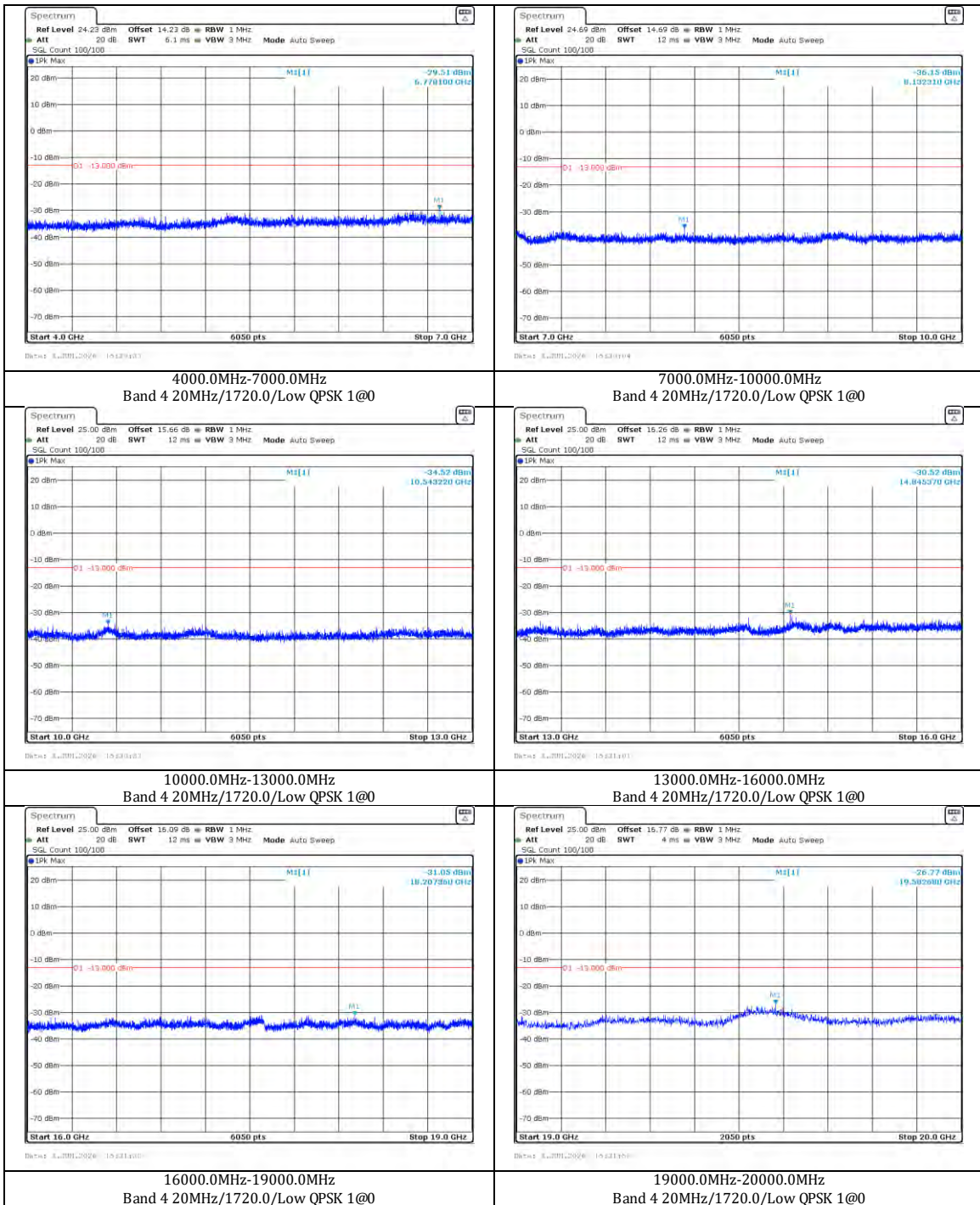


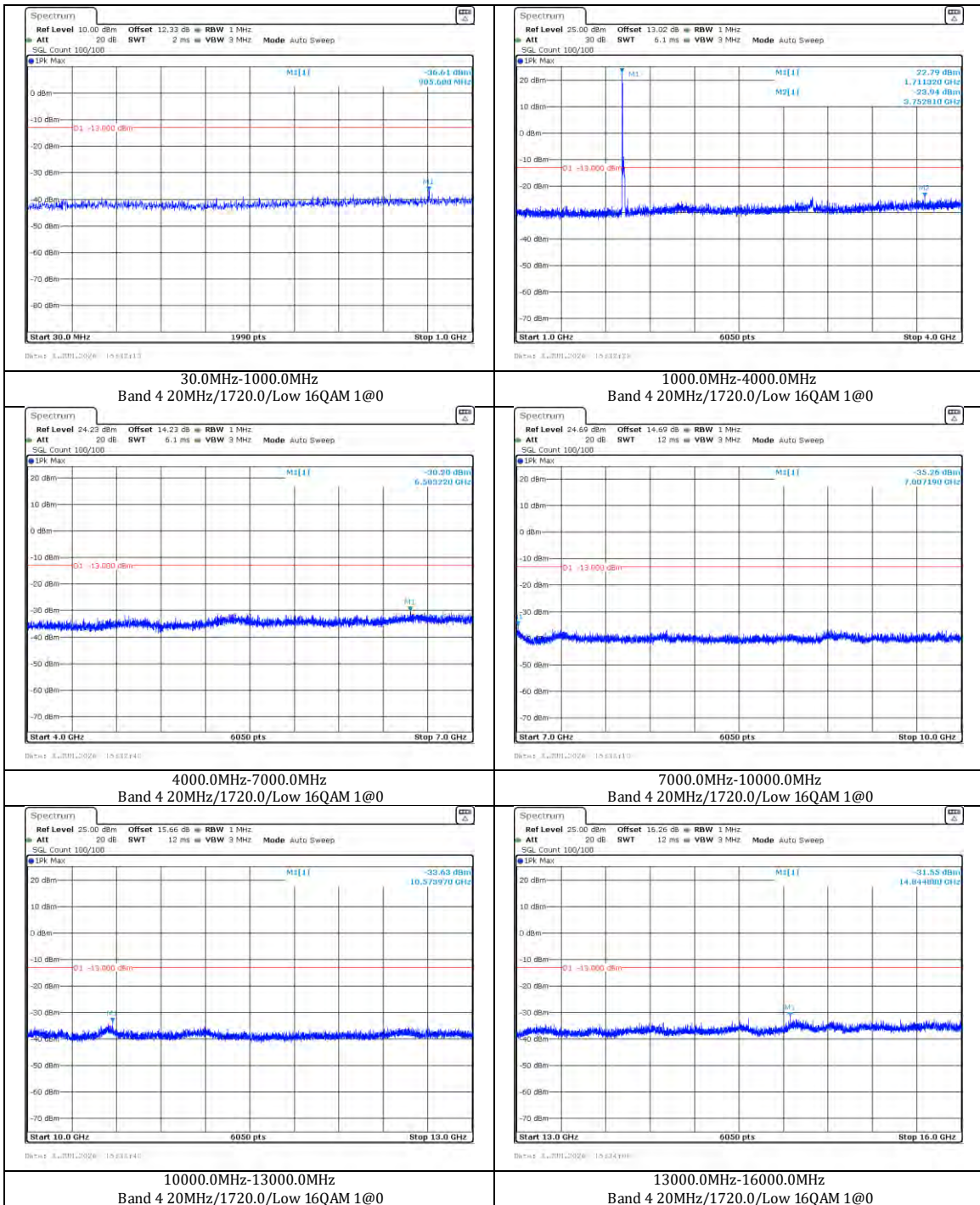
10000.0MHz-13000.0MHz
 Band 4 15MHz/1747.5/High QPSK 1@0

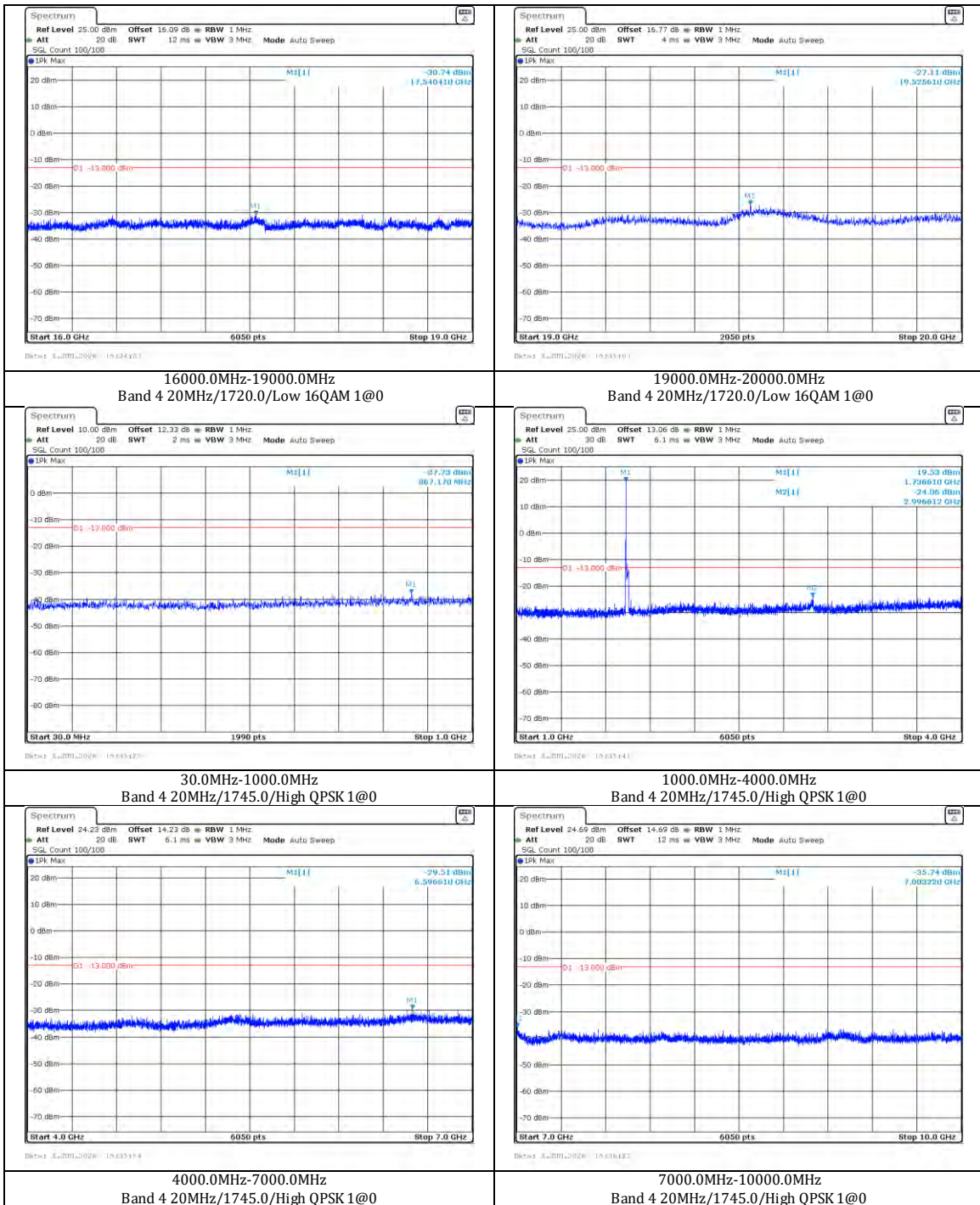
13000.0MHz-16000.0MHz
 Band 4 15MHz/1747.5/High QPSK 1@0

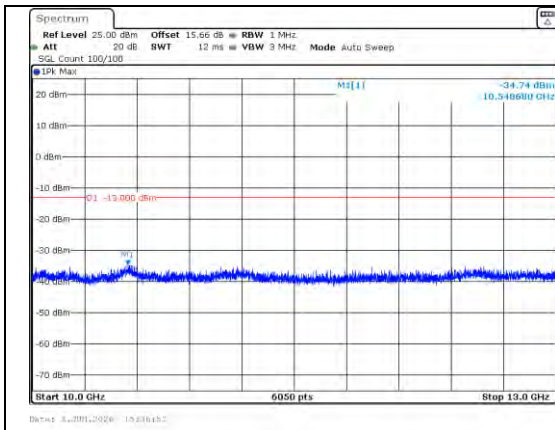




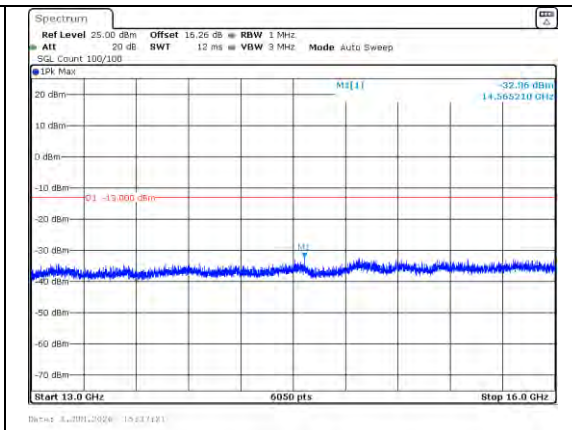




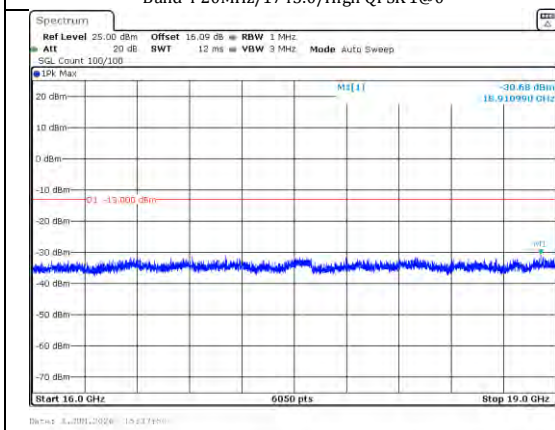




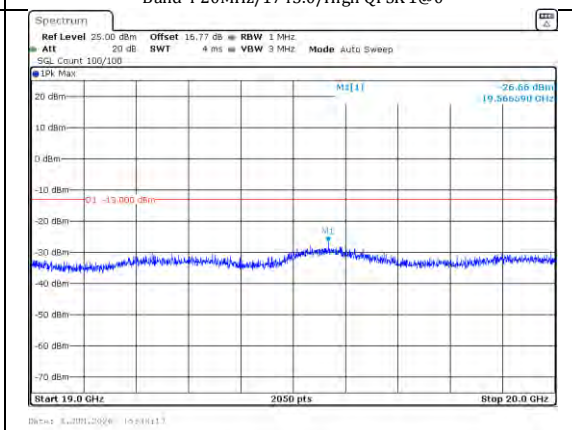
10000.0MHz-13000.0MHz
Band 4 20MHz/1745.0/High QPSK 1@0



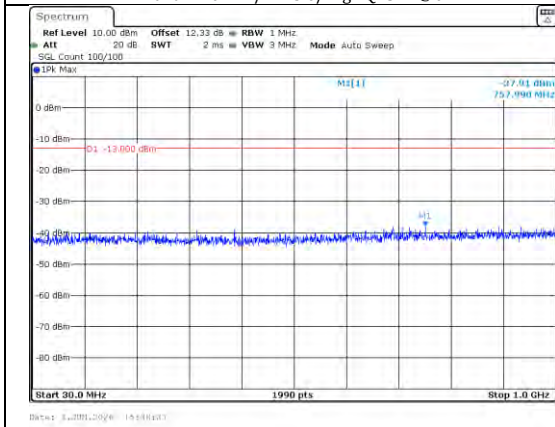
13000.0MHz-16000.0MHz
Band 4 20MHz/1745.0/High QPSK 1@0



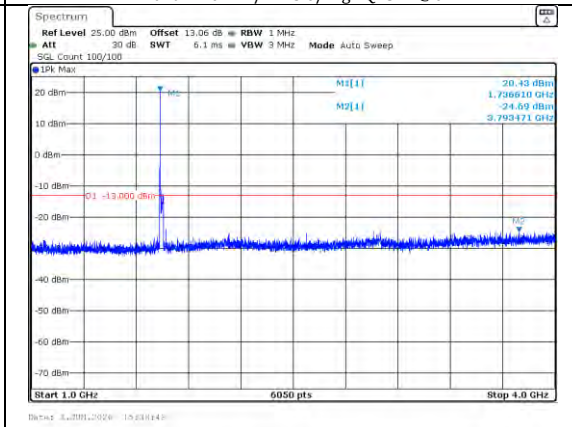
16000.0MHz-19000.0MHz
Band 4 20MHz/1745.0/High QPSK 1@0



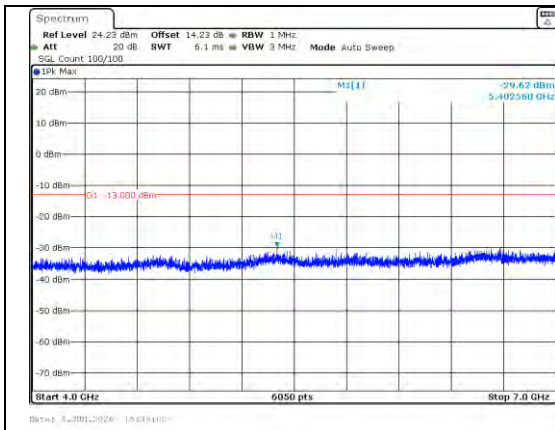
19000.0MHz-20000.0MHz
Band 4 20MHz/1745.0/High QPSK 1@0



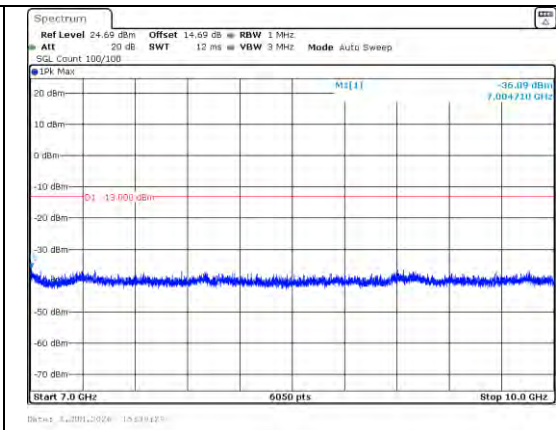
30.0MHz-1000.0MHz
Band 4 20MHz/1745.0/High 16QAM 1@0



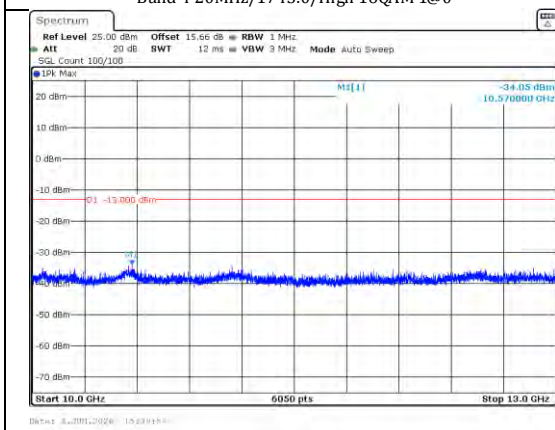
1000.0MHz-4000.0MHz
Band 4 20MHz/1745.0/High 16QAM 1@0



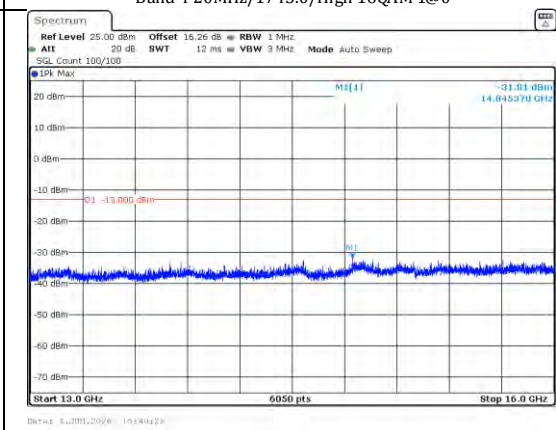
4000.0MHz-7000.0MHz
Band 4 20MHz/1745.0/High 16QAM 1@0



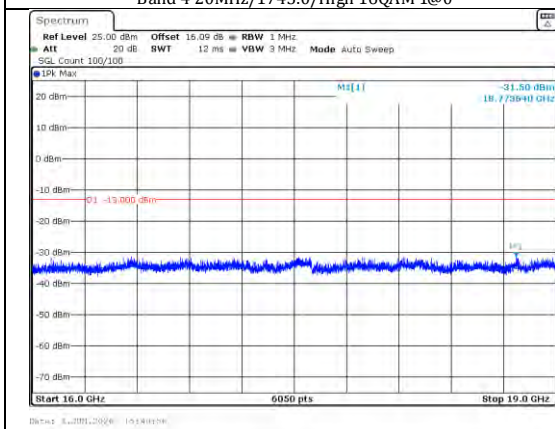
7000.0MHz-10000.0MHz
Band 4 20MHz/1745.0/High 16QAM 1@0



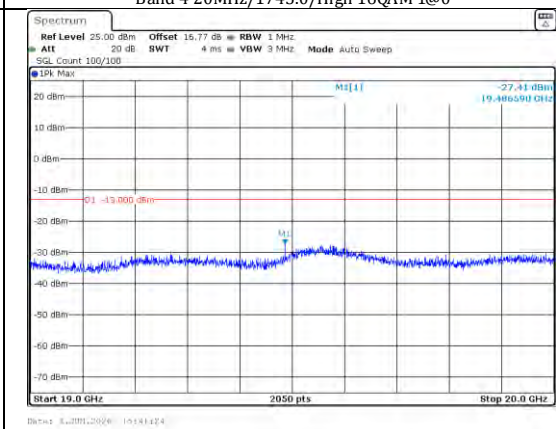
10000.0MHz-13000.0MHz
Band 4 20MHz/1745.0/High 16QAM 1@0



13000.0MHz-16000.0MHz
Band 4 20MHz/1745.0/High 16QAM 1@0



16000.0MHz-19000.0MHz
Band 4 20MHz/1745.0/High 16QAM 1@0



19000.0MHz-20000.0MHz
Band 4 20MHz/1745.0/High 16QAM 1@0

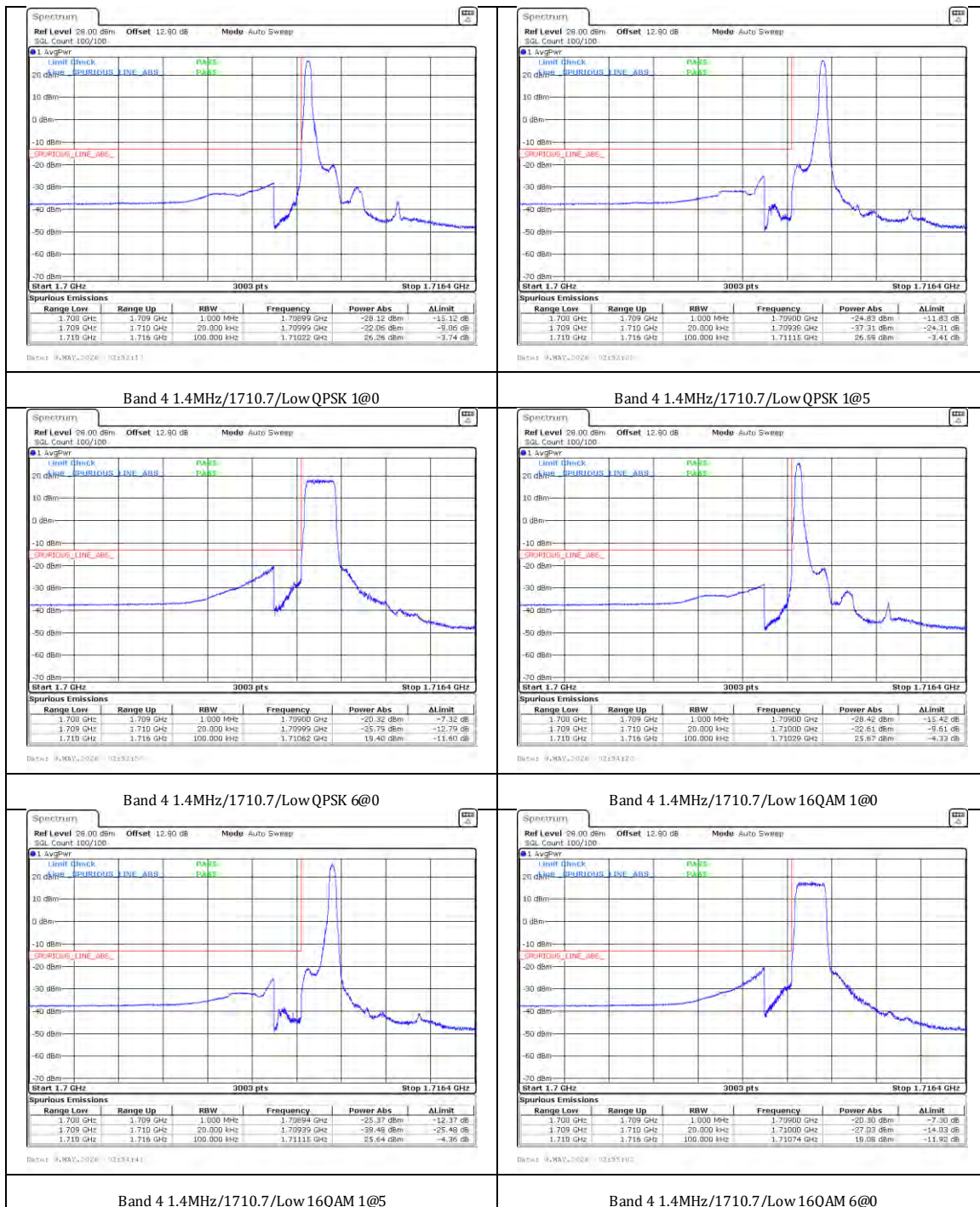
6. Conducted Band Edge

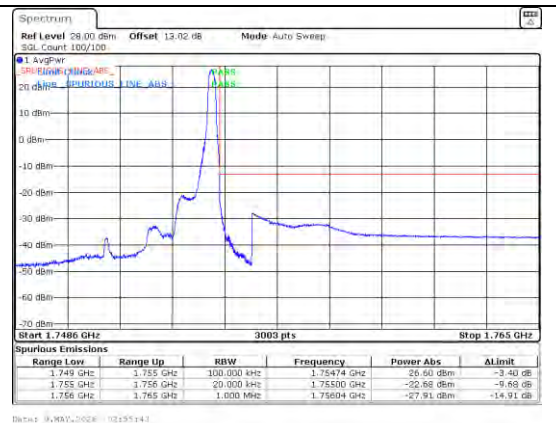
Test Result

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result	Verdict
4	1.4	19957	1710.7	QPSK	1@0	see graph	PASS
4	1.4	19957	1710.7	QPSK	1@5	see graph	PASS
4	1.4	19957	1710.7	QPSK	6@0	see graph	PASS
4	1.4	19957	1710.7	16QAM	1@0	see graph	PASS
4	1.4	19957	1710.7	16QAM	1@5	see graph	PASS
4	1.4	19957	1710.7	16QAM	6@0	see graph	PASS
4	1.4	20393	1754.3	QPSK	1@0	see graph	PASS
4	1.4	20393	1754.3	QPSK	1@5	see graph	PASS
4	1.4	20393	1754.3	QPSK	6@0	see graph	PASS
4	1.4	20393	1754.3	16QAM	1@0	see graph	PASS
4	1.4	20393	1754.3	16QAM	1@5	see graph	PASS
4	1.4	20393	1754.3	16QAM	6@0	see graph	PASS
4	3.0	19965	1711.5	QPSK	1@0	see graph	PASS
4	3.0	19965	1711.5	QPSK	1@14	see graph	PASS
4	3.0	19965	1711.5	QPSK	15@0	see graph	PASS
4	3.0	19965	1711.5	16QAM	1@0	see graph	PASS
4	3.0	19965	1711.5	16QAM	1@14	see graph	PASS
4	3.0	19965	1711.5	16QAM	15@0	see graph	PASS
4	3.0	20385	1753.5	QPSK	1@0	see graph	PASS
4	3.0	20385	1753.5	QPSK	1@14	see graph	PASS
4	3.0	20385	1753.5	QPSK	15@0	see graph	PASS
4	3.0	20385	1753.5	16QAM	1@0	see graph	PASS
4	3.0	20385	1753.5	16QAM	1@14	see graph	PASS
4	3.0	20385	1753.5	16QAM	15@0	see graph	PASS
4	5.0	19975	1712.5	QPSK	1@0	see graph	PASS
4	5.0	19975	1712.5	QPSK	1@24	see graph	PASS
4	5.0	19975	1712.5	QPSK	25@0	see graph	PASS
4	5.0	19975	1712.5	16QAM	1@0	see graph	PASS
4	5.0	19975	1712.5	16QAM	1@24	see graph	PASS
4	5.0	19975	1712.5	16QAM	25@0	see graph	PASS
4	5.0	20375	1752.5	QPSK	1@0	see graph	PASS
4	5.0	20375	1752.5	QPSK	1@24	see graph	PASS
4	5.0	20375	1752.5	QPSK	25@0	see graph	PASS
4	5.0	20375	1752.5	16QAM	1@0	see graph	PASS
4	5.0	20375	1752.5	16QAM	1@24	see graph	PASS
4	5.0	20375	1752.5	16QAM	25@0	see graph	PASS
4	10.0	20000	1715.0	QPSK	1@0	see graph	PASS
4	10.0	20000	1715.0	QPSK	1@49	see graph	PASS
4	10.0	20000	1715.0	QPSK	50@0	see graph	PASS
4	10.0	20000	1715.0	16QAM	1@0	see graph	PASS
4	10.0	20000	1715.0	16QAM	1@49	see graph	PASS
4	10.0	20350	1750.0	QPSK	1@0	see graph	PASS
4	10.0	20350	1750.0	QPSK	1@49	see graph	PASS
4	10.0	20350	1750.0	QPSK	50@0	see graph	PASS
4	10.0	20350	1750.0	16QAM	1@0	see graph	PASS
4	10.0	20350	1750.0	16QAM	1@49	see graph	PASS
4	15.0	20025	1717.5	QPSK	1@0	see graph	PASS
4	15.0	20025	1717.5	QPSK	1@74	see graph	PASS
4	15.0	20025	1717.5	QPSK	75@0	see graph	PASS
4	15.0	20025	1717.5	16QAM	1@0	see graph	PASS
4	15.0	20025	1717.5	16QAM	1@74	see graph	PASS
4	15.0	20325	1747.5	QPSK	1@0	see graph	PASS
4	15.0	20325	1747.5	QPSK	1@74	see graph	PASS
4	15.0	20325	1747.5	QPSK	75@0	see graph	PASS
4	15.0	20325	1747.5	16QAM	1@0	see graph	PASS
4	15.0	20325	1747.5	16QAM	1@74	see graph	PASS
4	20.0	20050	1720.0	QPSK	1@0	see graph	PASS
4	20.0	20050	1720.0	QPSK	1@99	see graph	PASS
4	20.0	20050	1720.0	QPSK	100@0	see graph	PASS
4	20.0	20050	1720.0	16QAM	1@0	see graph	PASS
4	20.0	20050	1720.0	16QAM	1@99	see graph	PASS
4	20.0	20300	1745.0	QPSK	1@0	see graph	PASS
4	20.0	20300	1745.0	QPSK	1@99	see graph	PASS

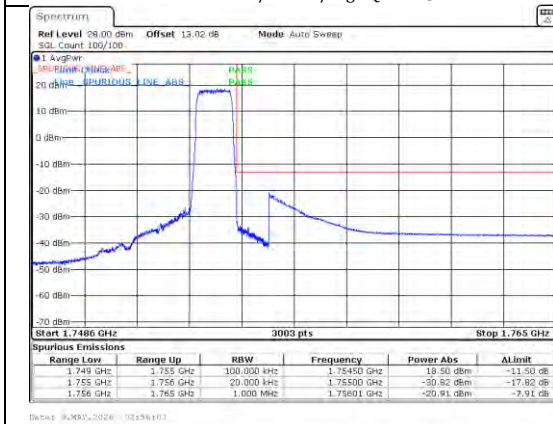
4	20.0	20300	1745.0	QPSK	100@0	see graph	PASS
4	20.0	20300	1745.0	16QAM	1@0	see graph	PASS
4	20.0	20300	1745.0	16QAM	1@99	see graph	PASS

Test Graphs

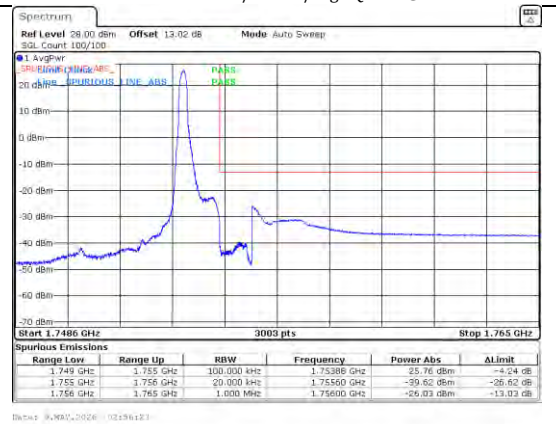




Band 4 1.4MHz/1754.3/High QPSK 1@0



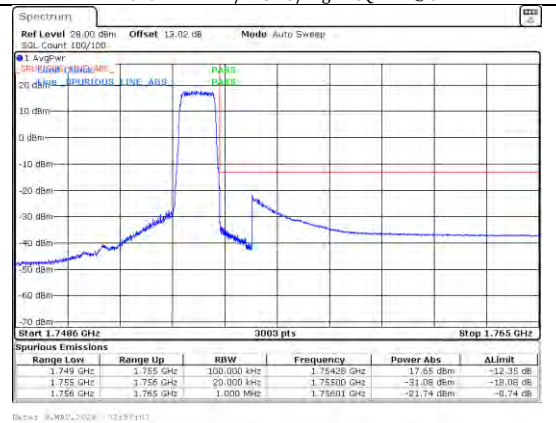
Band 4 1.4MHz/1754.3/High QPSK 1@5



Band 4 1.4MHz/1754.3/High QPSK 6@0

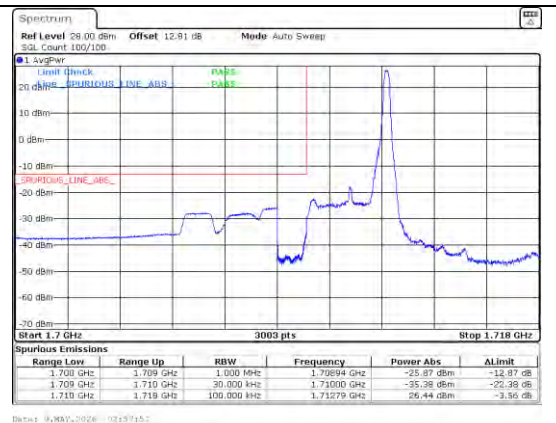
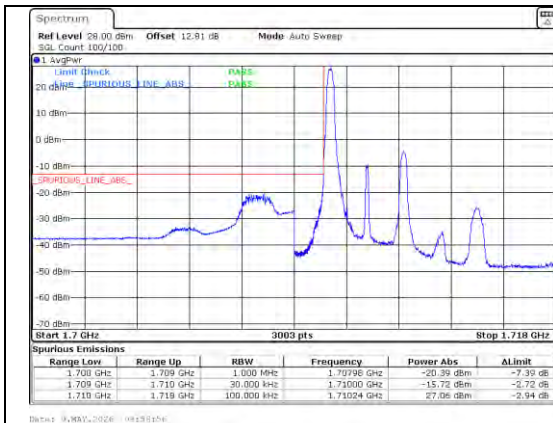


Band 4 1.4MHz/1754.3/High 16QAM 1@0

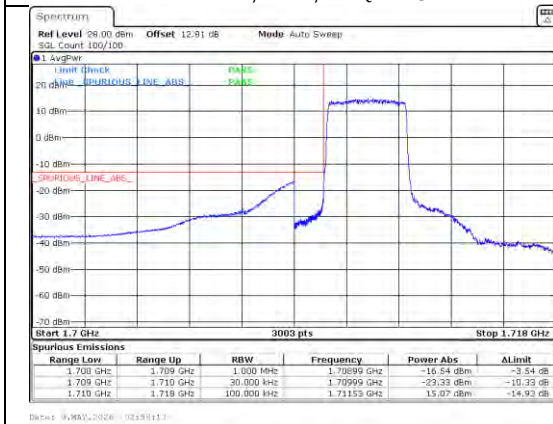


Band 4 1.4MHz/1754.3/High 16QAM 1@5

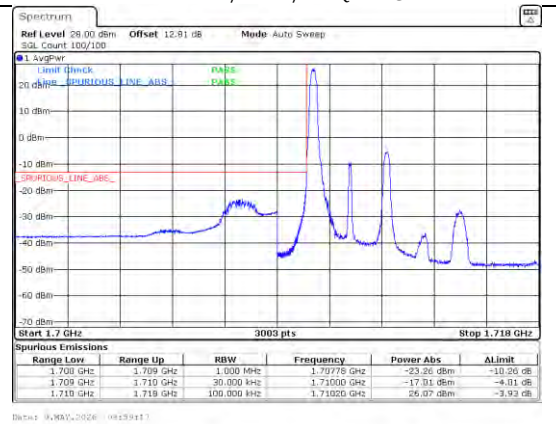
Band 4 1.4MHz/1754.3/High 16QAM 6@0



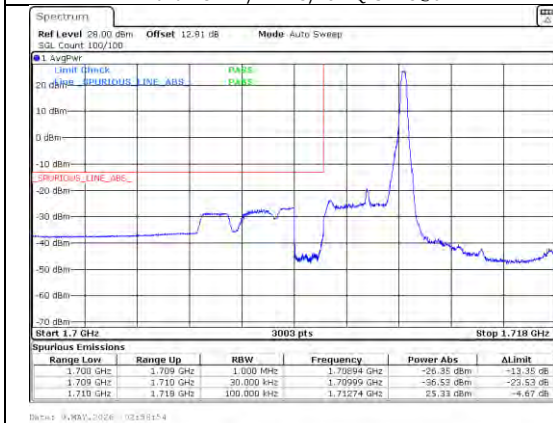
Band 4 3MHz/1711.5/Low QPSK 1@0



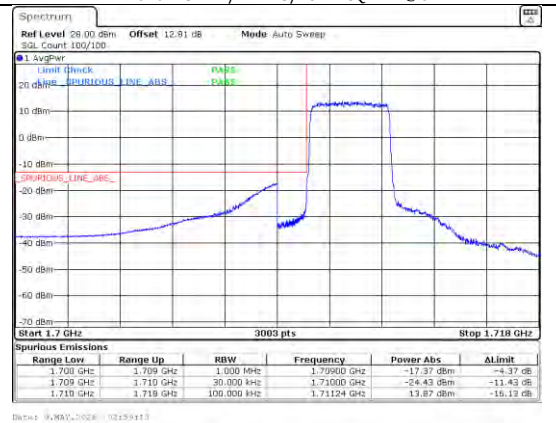
Band 4 3MHz/1711.5/Low QPSK 1@14



Band 4 3MHz/1711.5/Low QPSK 15@0

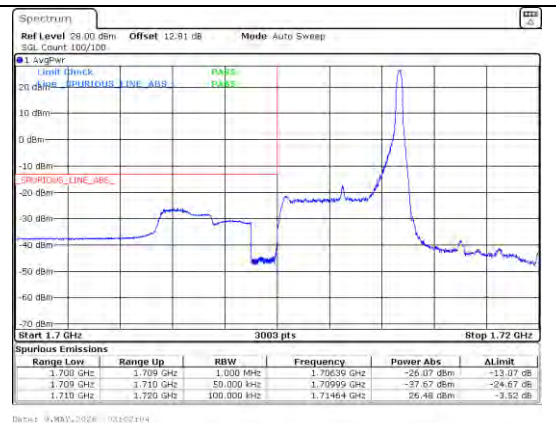
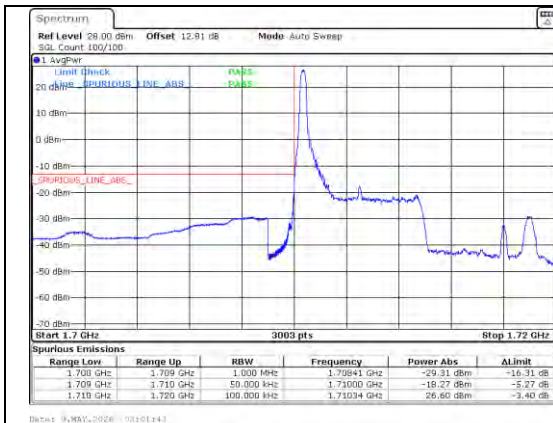


Band 4 3MHz/1711.5/Low 16QAM 1@0

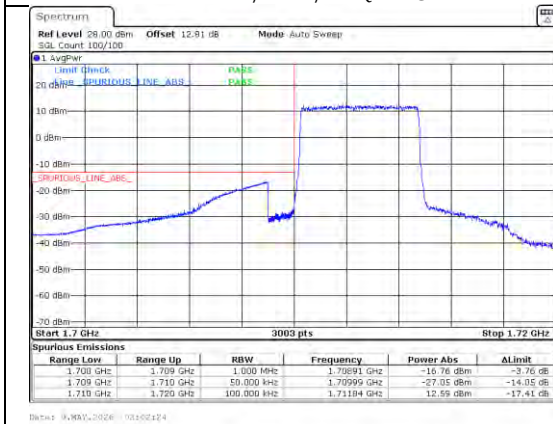


Band 4 3MHz/1711.5/Low 16QAM 1@14

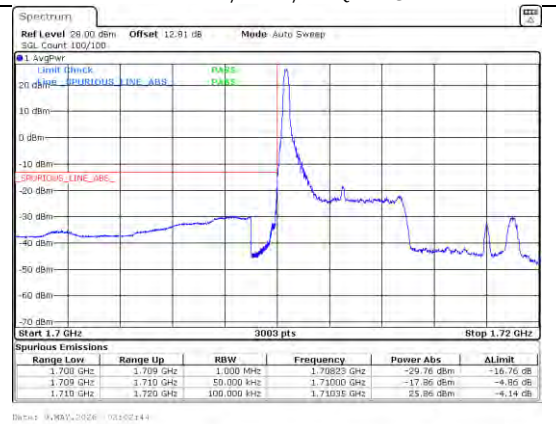
Band 4 3MHz/1711.5/Low 16QAM 15@0



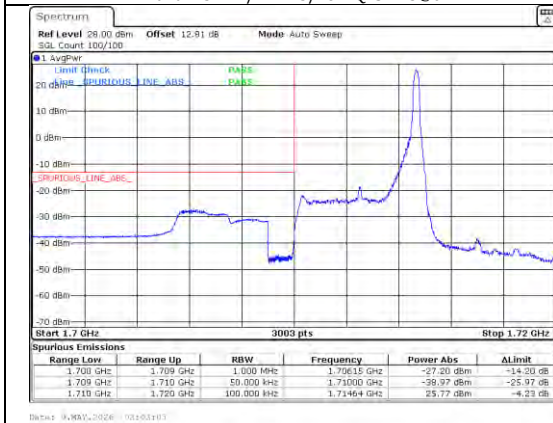
Band 4 5MHz/1712.5/Low QPSK 1@0



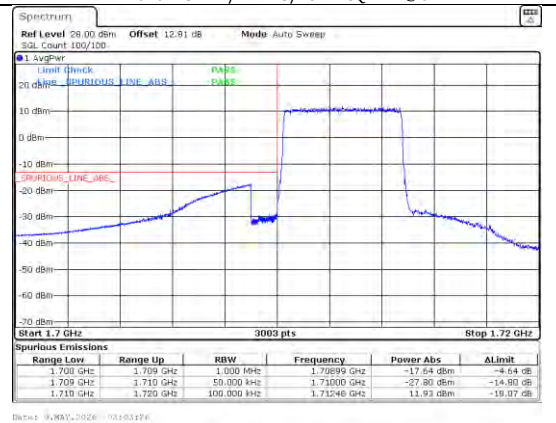
Band 4 5MHz/1712.5/Low QPSK 1@24



Band 4 5MHz/1712.5/Low QPSK 25@0

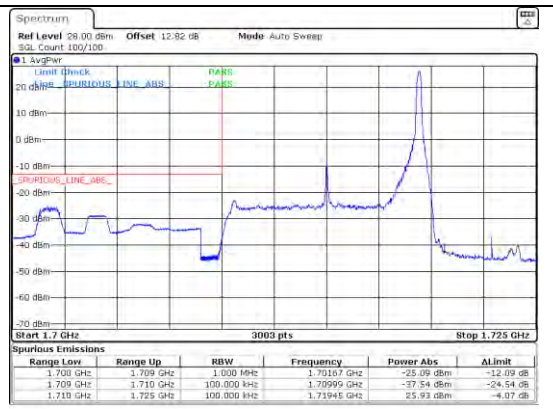
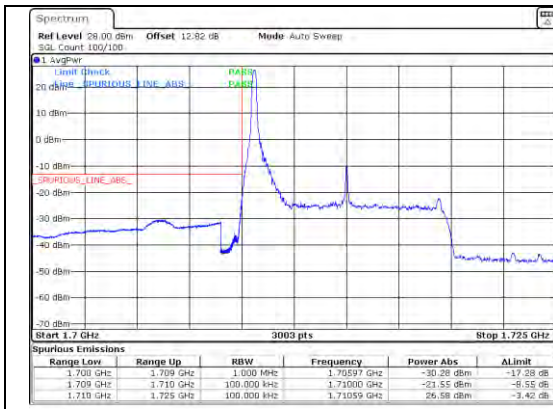


Band 4 5MHz/1712.5/Low 16QAM 1@0

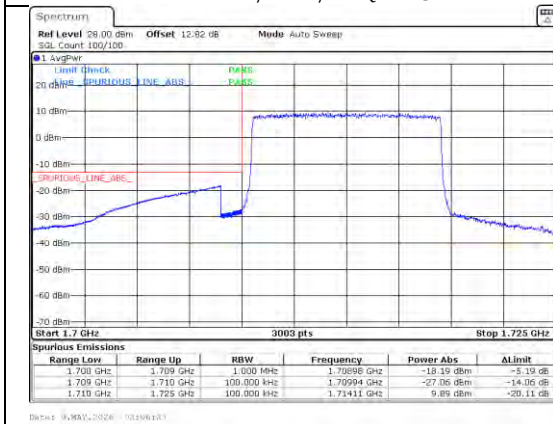


Band 4 5MHz/1712.5/Low 16QAM 1@24

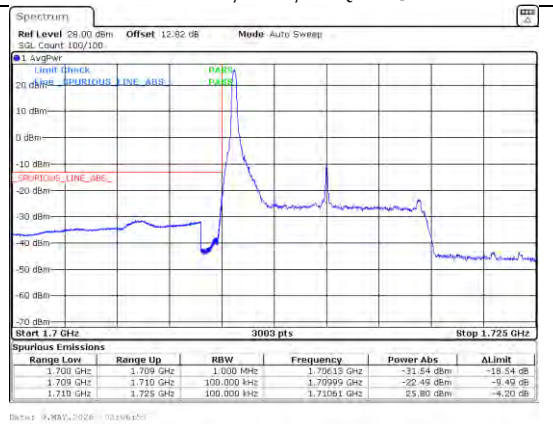
Band 4 5MHz/1712.5/Low 16QAM 25@0



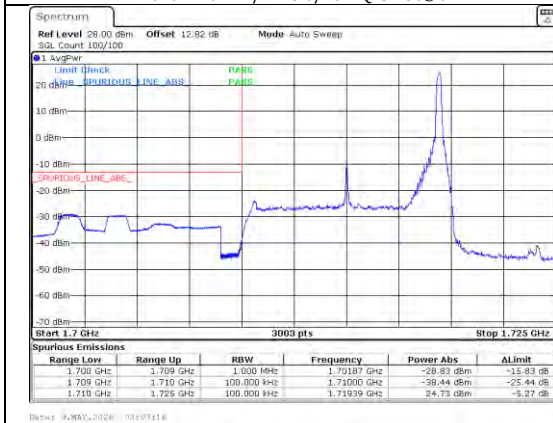
Band 4 10MHz/1715.0/Low QPSK 1@0



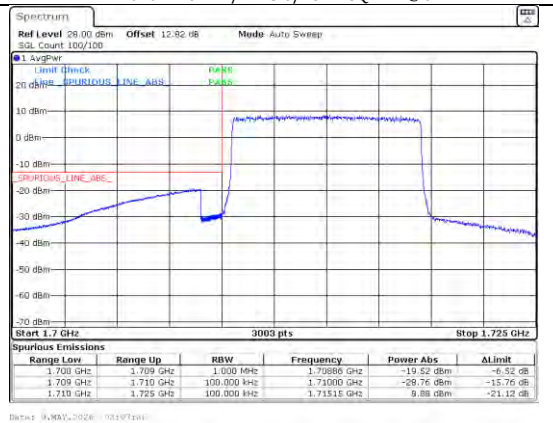
Band 4 10MHz/1715.0/Low QPSK 1@49



Band 4 10MHz/1715.0/Low QPSK 50@0

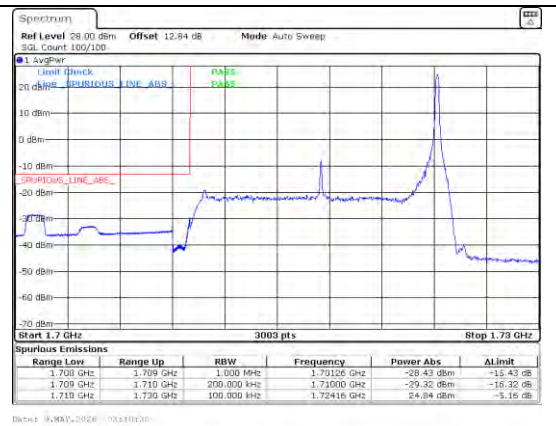
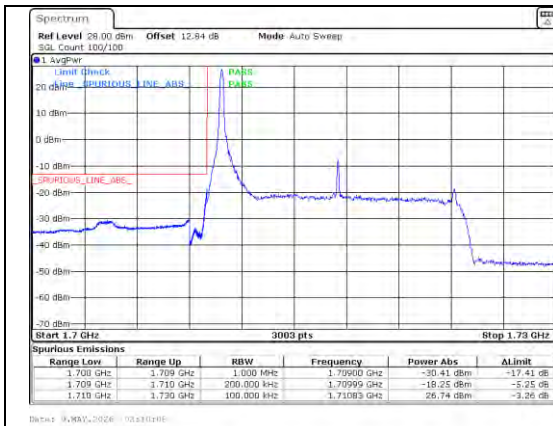


Band 4 10MHz/1715.0/Low 16QAM 1@0

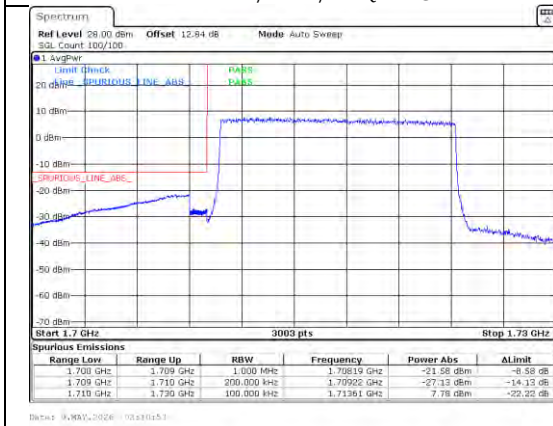


Band 4 10MHz/1715.0/Low 16QAM 1@49

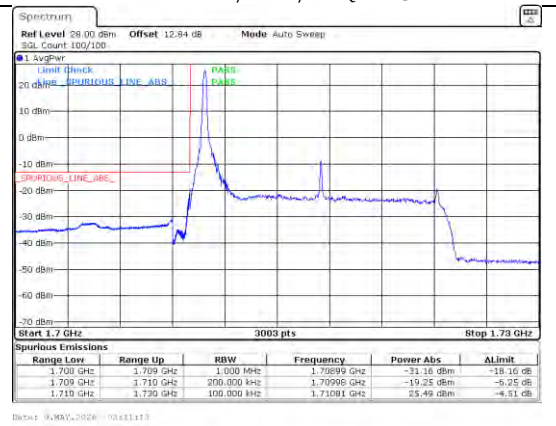
Band 4 10MHz/1715.0/Low 16QAM 50@0



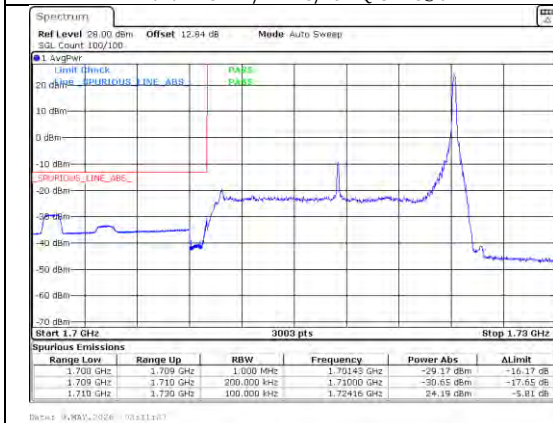
Band 4 15MHz/1717.5/Low QPSK 1@0



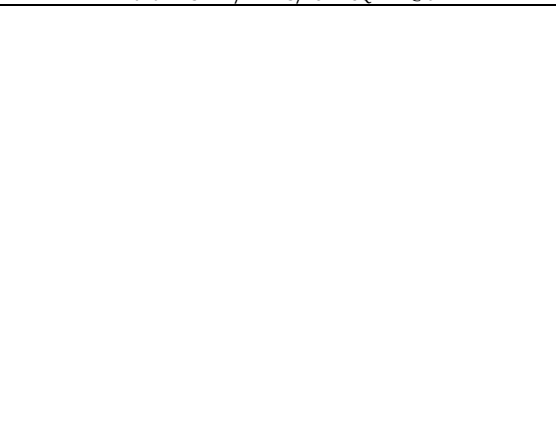
Band 4 15MHz/1717.5/Low QPSK 1@74



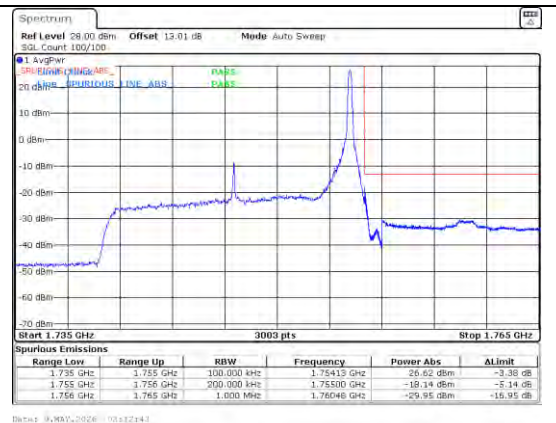
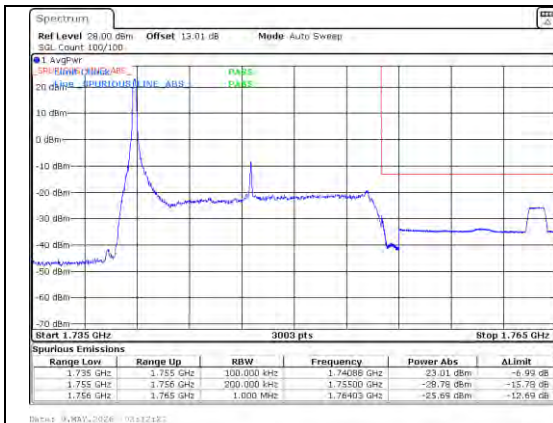
Band 4 15MHz/1717.5/Low QPSK 75@0



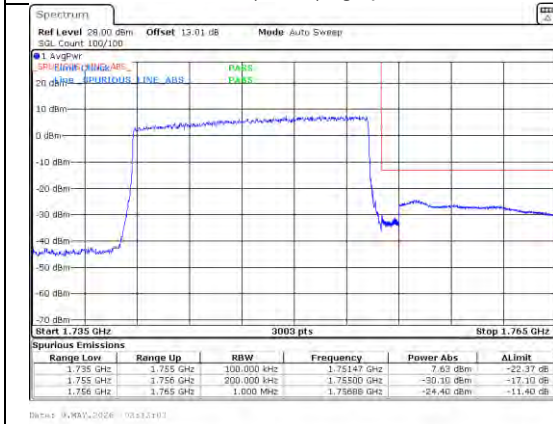
Band 4 15MHz/1717.5/Low 16QAM 1@0



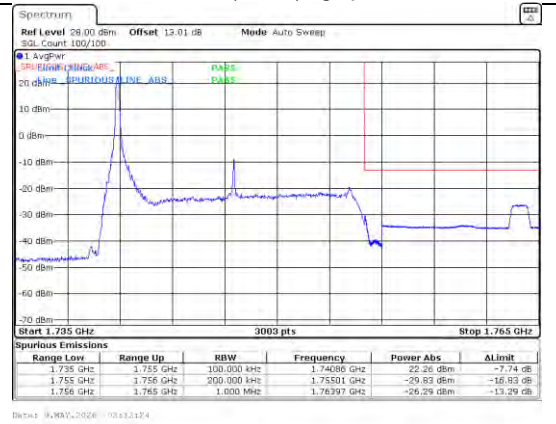
Band 4 15MHz/1717.5/Low 16QAM 1@74



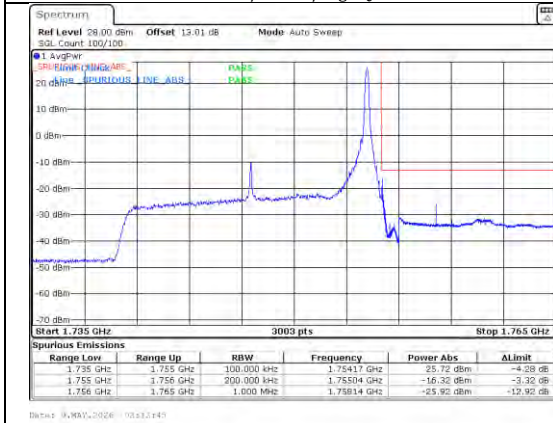
Band 4 15MHz/1747.5/High QPSK 1@0



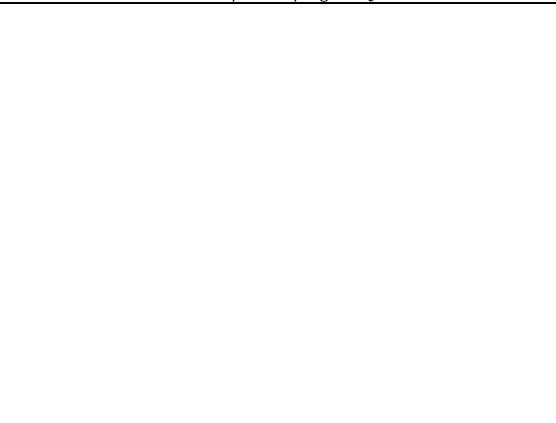
Band 4 15MHz/1747.5/High QPSK 1@74



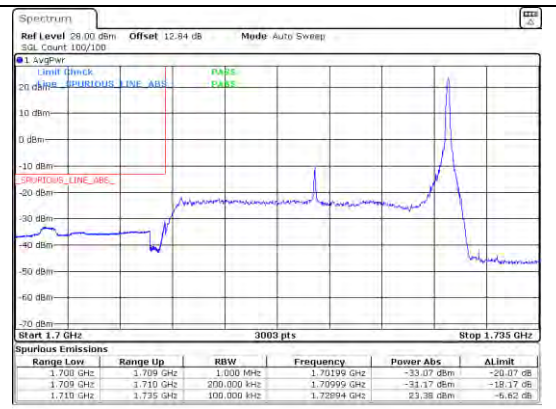
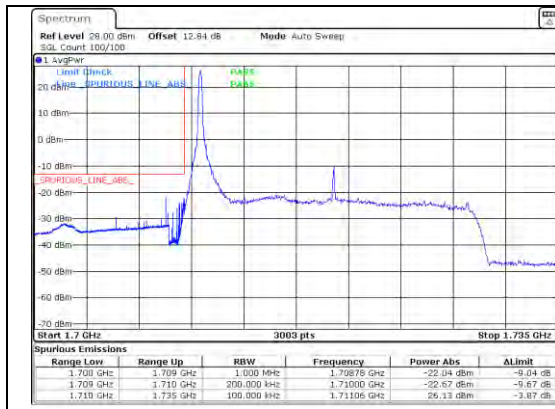
Band 4 15MHz/1747.5/High QPSK 75@0



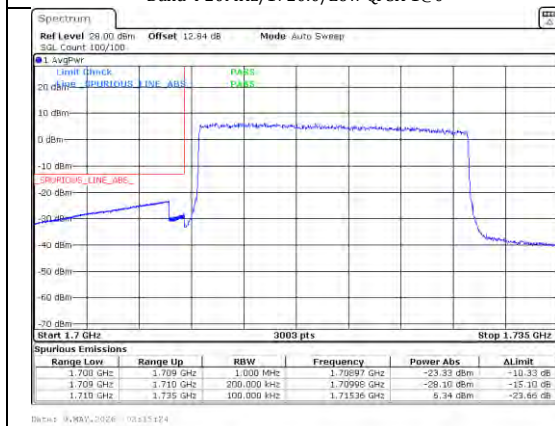
Band 4 15MHz/1747.5/High 16QAM 1@0



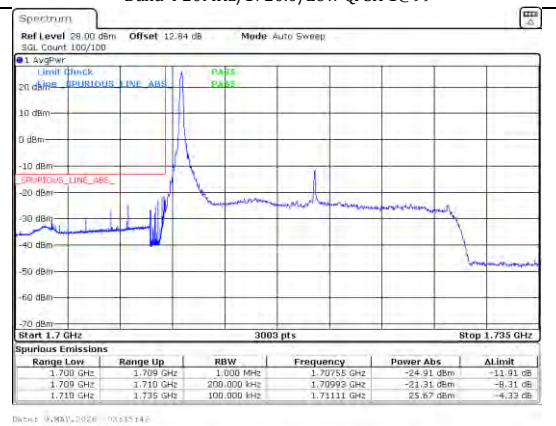
Band 4 15MHz/1747.5/High 16QAM 1@74



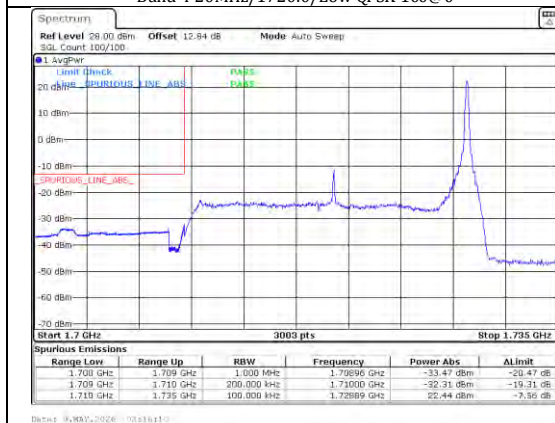
Band 4 20MHz/1720.0/Low QPSK 1@0



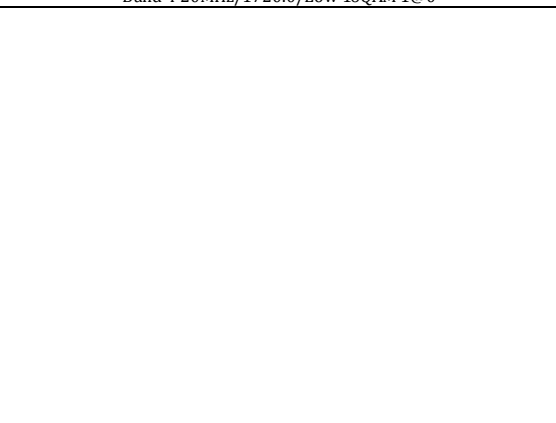
Band 4 20MHz/1720.0/Low QPSK 1@99



Band 4 20MHz/1720.0/Low QPSK 100@0



Band 4 20MHz/1720.0/Low 16QAM 1@0



Band 4 20MHz/1720.0/Low 16QAM 1@99

