

Appendix for LTE Band 4

Applicant: UCLOUDLINK (SINGAPORE) PTE.LTD

**Address: 80 ROBINSON ROAD #02-00
SINGAPORE(068898)**

Product Name: Cloudsim Kit

Model: GLMU24A02

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Appendix A: Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	22.43	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	21.56	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	22.71	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	21.57	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.69	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	21.53	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	22.51	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	22.60	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	22.71	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	22.82	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	23.15	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	23.25	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	22.27	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	21.37	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	23.36	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	22.39	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	23.21	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	22.30	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	23.29	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	22.23	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	23.37	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	23.29	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	23.24	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	23.23	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	23.20	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	23.18	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	22.09	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	21.17	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	22.82	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	21.96	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	22.62	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	21.84	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	22.71	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.99	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	22.72	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	22.65	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	22.58	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	22.50	PASS

Band4	1.4MHz	QPSK	20393	3RB#3	22.62	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	22.64	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	22.13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	21.17	PASS
Band4	3MHz	QPSK	19965	1RB#0	23.30	PASS
Band4	3MHz	16QAM	19965	1RB#0	22.27	PASS
Band4	3MHz	QPSK	19965	1RB#8	23.15	PASS
Band4	3MHz	16QAM	19965	1RB#8	22.19	PASS
Band4	3MHz	QPSK	19965	1RB#14	23.07	PASS
Band4	3MHz	16QAM	19965	1RB#14	22.28	PASS
Band4	3MHz	QPSK	19965	8RB#0	22.17	PASS
Band4	3MHz	16QAM	19965	8RB#0	22.19	PASS
Band4	3MHz	QPSK	19965	8RB#4	22.21	PASS
Band4	3MHz	16QAM	19965	8RB#4	22.22	PASS
Band4	3MHz	QPSK	19965	8RB#7	22.20	PASS
Band4	3MHz	16QAM	19965	8RB#7	22.19	PASS
Band4	3MHz	QPSK	19965	15RB#0	22.17	PASS
Band4	3MHz	16QAM	19965	15RB#0	21.25	PASS
Band4	3MHz	QPSK	20175	1RB#0	23.53	PASS
Band4	3MHz	16QAM	20175	1RB#0	22.29	PASS
Band4	3MHz	QPSK	20175	1RB#8	23.38	PASS
Band4	3MHz	16QAM	20175	1RB#8	22.23	PASS
Band4	3MHz	QPSK	20175	1RB#14	23.20	PASS
Band4	3MHz	16QAM	20175	1RB#14	22.06	PASS
Band4	3MHz	QPSK	20175	8RB#0	22.34	PASS
Band4	3MHz	16QAM	20175	8RB#0	22.33	PASS
Band4	3MHz	QPSK	20175	8RB#4	22.32	PASS
Band4	3MHz	16QAM	20175	8RB#4	22.31	PASS
Band4	3MHz	QPSK	20175	8RB#7	22.30	PASS
Band4	3MHz	16QAM	20175	8RB#7	22.29	PASS
Band4	3MHz	QPSK	20175	15RB#0	22.31	PASS
Band4	3MHz	16QAM	20175	15RB#0	21.25	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.91	PASS
Band4	3MHz	16QAM	20385	1RB#0	21.99	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.92	PASS
Band4	3MHz	16QAM	20385	1RB#8	22.09	PASS
Band4	3MHz	QPSK	20385	1RB#14	23.00	PASS
Band4	3MHz	16QAM	20385	1RB#14	22.11	PASS
Band4	3MHz	QPSK	20385	8RB#0	22.27	PASS
Band4	3MHz	16QAM	20385	8RB#0	22.28	PASS
Band4	3MHz	QPSK	20385	8RB#4	22.28	PASS
Band4	3MHz	16QAM	20385	8RB#4	22.25	PASS
Band4	3MHz	QPSK	20385	8RB#7	22.28	PASS

Band4	3MHz	16QAM	20385	8RB#7	22.31	PASS
Band4	3MHz	QPSK	20385	15RB#0	22.28	PASS
Band4	3MHz	16QAM	20385	15RB#0	21.25	PASS
Band4	5MHz	QPSK	19975	1RB#0	23.38	PASS
Band4	5MHz	16QAM	19975	1RB#0	22.17	PASS
Band4	5MHz	QPSK	19975	1RB#12	23.15	PASS
Band4	5MHz	16QAM	19975	1RB#12	22.05	PASS
Band4	5MHz	QPSK	19975	1RB#24	23.05	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.90	PASS
Band4	5MHz	QPSK	19975	12RB#0	22.14	PASS
Band4	5MHz	16QAM	19975	12RB#0	22.11	PASS
Band4	5MHz	QPSK	19975	12RB#6	22.08	PASS
Band4	5MHz	16QAM	19975	12RB#6	22.07	PASS
Band4	5MHz	QPSK	19975	12RB#13	22.01	PASS
Band4	5MHz	16QAM	19975	12RB#13	22.08	PASS
Band4	5MHz	QPSK	19975	25RB#0	22.12	PASS
Band4	5MHz	16QAM	19975	25RB#0	21.21	PASS
Band4	5MHz	QPSK	20175	1RB#0	23.38	PASS
Band4	5MHz	16QAM	20175	1RB#0	22.30	PASS
Band4	5MHz	QPSK	20175	1RB#12	23.25	PASS
Band4	5MHz	16QAM	20175	1RB#12	22.37	PASS
Band4	5MHz	QPSK	20175	1RB#24	23.04	PASS
Band4	5MHz	16QAM	20175	1RB#24	22.12	PASS
Band4	5MHz	QPSK	20175	12RB#0	22.24	PASS
Band4	5MHz	16QAM	20175	12RB#0	22.34	PASS
Band4	5MHz	QPSK	20175	12RB#6	22.35	PASS
Band4	5MHz	16QAM	20175	12RB#6	22.32	PASS
Band4	5MHz	QPSK	20175	12RB#13	22.07	PASS
Band4	5MHz	16QAM	20175	12RB#13	22.01	PASS
Band4	5MHz	QPSK	20175	25RB#0	22.20	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.21	PASS
Band4	5MHz	QPSK	20375	1RB#0	23.19	PASS
Band4	5MHz	16QAM	20375	1RB#0	22.36	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.63	PASS
Band4	5MHz	16QAM	20375	1RB#12	21.96	PASS
Band4	5MHz	QPSK	20375	1RB#24	22.84	PASS
Band4	5MHz	16QAM	20375	1RB#24	22.17	PASS
Band4	5MHz	QPSK	20375	12RB#0	22.35	PASS
Band4	5MHz	16QAM	20375	12RB#0	22.40	PASS
Band4	5MHz	QPSK	20375	12RB#6	22.41	PASS
Band4	5MHz	16QAM	20375	12RB#6	22.46	PASS
Band4	5MHz	QPSK	20375	12RB#13	22.47	PASS
Band4	5MHz	16QAM	20375	12RB#13	22.49	PASS

Band4	5MHz	QPSK	20375	25RB#0	22.41	PASS
Band4	5MHz	16QAM	20375	25RB#0	21.49	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.92	PASS
Band4	10MHz	16QAM	20000	1RB#0	21.65	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.71	PASS
Band4	10MHz	16QAM	20000	1RB#24	21.66	PASS
Band4	10MHz	QPSK	20000	1RB#49	23.12	PASS
Band4	10MHz	16QAM	20000	1RB#49	21.98	PASS
Band4	10MHz	QPSK	20000	25RB#0	22.26	PASS
Band4	10MHz	16QAM	20000	25RB#0	22.33	PASS
Band4	10MHz	QPSK	20000	25RB#12	22.40	PASS
Band4	10MHz	16QAM	20000	25RB#12	22.33	PASS
Band4	10MHz	QPSK	20000	25RB#25	22.40	PASS
Band4	10MHz	16QAM	20000	25RB#25	22.32	PASS
Band4	10MHz	QPSK	20000	50RB#0	22.15	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.88	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.87	PASS
Band4	10MHz	QPSK	20175	1RB#24	23.12	PASS
Band4	10MHz	16QAM	20175	1RB#24	22.36	PASS
Band4	10MHz	QPSK	20175	1RB#49	23.61	PASS
Band4	10MHz	16QAM	20175	1RB#49	23.20	PASS
Band4	10MHz	QPSK	20175	25RB#0	22.41	PASS
Band4	10MHz	16QAM	20175	25RB#0	22.31	PASS
Band4	10MHz	QPSK	20175	25RB#12	22.30	PASS
Band4	10MHz	16QAM	20175	25RB#12	22.24	PASS
Band4	10MHz	QPSK	20175	25RB#25	22.93	PASS
Band4	10MHz	16QAM	20175	25RB#25	22.86	PASS
Band4	10MHz	QPSK	20175	50RB#0	22.37	PASS
Band4	10MHz	QPSK	20350	1RB#0	23.28	PASS
Band4	10MHz	16QAM	20350	1RB#0	22.27	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.75	PASS
Band4	10MHz	16QAM	20350	1RB#24	22.20	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.66	PASS
Band4	10MHz	16QAM	20350	1RB#49	21.90	PASS
Band4	10MHz	QPSK	20350	25RB#0	22.33	PASS
Band4	10MHz	16QAM	20350	25RB#0	22.23	PASS
Band4	10MHz	QPSK	20350	25RB#12	22.24	PASS
Band4	10MHz	16QAM	20350	25RB#12	22.17	PASS
Band4	10MHz	QPSK	20350	25RB#25	22.18	PASS
Band4	10MHz	16QAM	20350	25RB#25	22.08	PASS
Band4	10MHz	QPSK	20350	50RB#0	22.24	PASS
Band4	15MHz	QPSK	20025	1RB#0	23.15	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.91	PASS

Band4	15MHz	QPSK	20025	1RB#38	22.68	PASS
Band4	15MHz	16QAM	20025	1RB#38	21.95	PASS
Band4	15MHz	QPSK	20025	1RB#74	22.86	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.92	PASS
Band4	15MHz	QPSK	20025	38RB#0	21.83	PASS
Band4	15MHz	16QAM	20025	38RB#0	21.79	PASS
Band4	15MHz	QPSK	20025	38RB#18	21.86	PASS
Band4	15MHz	16QAM	20025	38RB#18	22.00	PASS
Band4	15MHz	QPSK	20025	38RB#37	22.12	PASS
Band4	15MHz	16QAM	20025	38RB#37	22.19	PASS
Band4	15MHz	QPSK	20025	75RB#0	22.27	PASS
Band4	15MHz	QPSK	20175	1RB#0	23.30	PASS
Band4	15MHz	16QAM	20175	1RB#0	21.87	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.81	PASS
Band4	15MHz	16QAM	20175	1RB#38	21.94	PASS
Band4	15MHz	QPSK	20175	1RB#74	23.03	PASS
Band4	15MHz	16QAM	20175	1RB#74	22.59	PASS
Band4	15MHz	QPSK	20175	38RB#0	21.88	PASS
Band4	15MHz	16QAM	20175	38RB#0	21.85	PASS
Band4	15MHz	QPSK	20175	38RB#18	21.83	PASS
Band4	15MHz	16QAM	20175	38RB#18	21.87	PASS
Band4	15MHz	QPSK	20175	38RB#37	21.94	PASS
Band4	15MHz	16QAM	20175	38RB#37	21.99	PASS
Band4	15MHz	QPSK	20175	75RB#0	22.10	PASS
Band4	15MHz	QPSK	20325	1RB#0	23.42	PASS
Band4	15MHz	16QAM	20325	1RB#0	22.53	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.89	PASS
Band4	15MHz	16QAM	20325	1RB#38	22.52	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.70	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.27	PASS
Band4	15MHz	QPSK	20325	38RB#0	22.38	PASS
Band4	15MHz	16QAM	20325	38RB#0	22.41	PASS
Band4	15MHz	QPSK	20325	38RB#18	22.34	PASS
Band4	15MHz	16QAM	20325	38RB#18	22.38	PASS
Band4	15MHz	QPSK	20325	38RB#37	22.32	PASS
Band4	15MHz	16QAM	20325	38RB#37	22.26	PASS
Band4	15MHz	QPSK	20325	75RB#0	22.31	PASS
Band4	20MHz	QPSK	20050	1RB#0	23.36	PASS
Band4	20MHz	16QAM	20050	1RB#0	22.04	PASS
Band4	20MHz	QPSK	20050	1RB#49	23.08	PASS
Band4	20MHz	16QAM	20050	1RB#49	22.14	PASS
Band4	20MHz	QPSK	20050	1RB#99	23.09	PASS
Band4	20MHz	16QAM	20050	1RB#99	21.89	PASS

Band4	20MHz	QPSK	20050	50RB#0	21.81	PASS
Band4	20MHz	16QAM	20050	50RB#0	21.75	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.69	PASS
Band4	20MHz	16QAM	20050	50RB#25	21.94	PASS
Band4	20MHz	QPSK	20050	50RB#50	22.28	PASS
Band4	20MHz	16QAM	20050	50RB#50	22.35	PASS
Band4	20MHz	QPSK	20050	100RB#0	22.26	PASS
Band4	20MHz	QPSK	20175	1RB#0	23.45	PASS
Band4	20MHz	16QAM	20175	1RB#0	21.95	PASS
Band4	20MHz	QPSK	20175	1RB#49	23.00	PASS
Band4	20MHz	16QAM	20175	1RB#49	21.99	PASS
Band4	20MHz	QPSK	20175	1RB#99	23.33	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.67	PASS
Band4	20MHz	QPSK	20175	50RB#0	22.06	PASS
Band4	20MHz	16QAM	20175	50RB#0	21.96	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.96	PASS
Band4	20MHz	16QAM	20175	50RB#25	22.15	PASS
Band4	20MHz	QPSK	20175	50RB#50	22.71	PASS
Band4	20MHz	16QAM	20175	50RB#50	22.80	PASS
Band4	20MHz	QPSK	20175	100RB#0	22.30	PASS
Band4	20MHz	QPSK	20300	1RB#0	23.67	PASS
Band4	20MHz	16QAM	20300	1RB#0	22.26	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.93	PASS
Band4	20MHz	16QAM	20300	1RB#49	22.50	PASS
Band4	20MHz	QPSK	20300	1RB#99	23.04	PASS
Band4	20MHz	16QAM	20300	1RB#99	22.54	PASS
Band4	20MHz	QPSK	20300	50RB#0	22.64	PASS
Band4	20MHz	16QAM	20300	50RB#0	22.62	PASS
Band4	20MHz	QPSK	20300	50RB#25	22.65	PASS
Band4	20MHz	16QAM	20300	50RB#25	22.55	PASS
Band4	20MHz	QPSK	20300	50RB#50	22.47	PASS
Band4	20MHz	16QAM	20300	50RB#50	22.52	PASS
Band4	20MHz	QPSK	20300	100RB#0	22.45	PASS

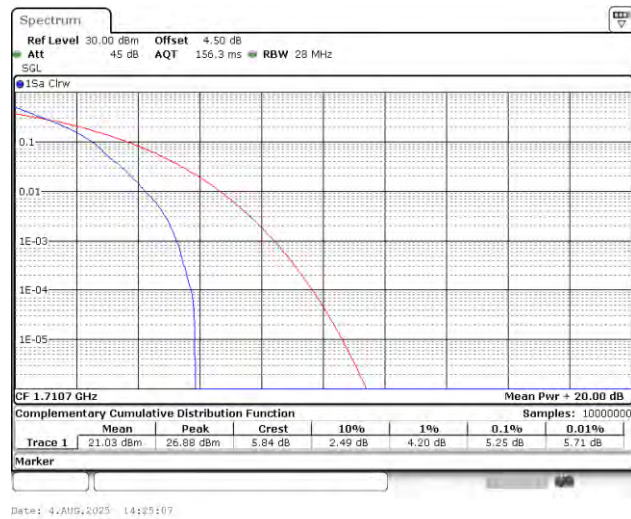
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

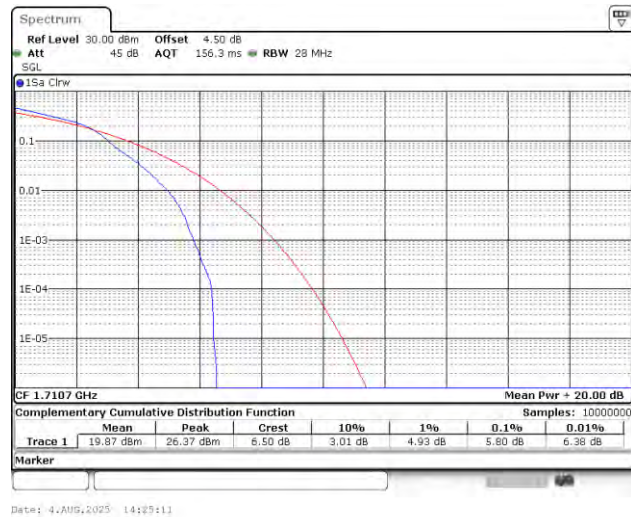
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	5.25	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	5.80	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	5.51	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	6.38	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	4.96	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	6.12	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.28	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.12	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	5.25	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	6.09	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	5.39	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	6.26	13	PASS
Band4	3MHz	QPSK	19965	1RB#0	5.65	13	PASS
Band4	3MHz	16QAM	19965	1RB#0	6.46	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.91	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	6.64	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	5.59	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	6.17	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.83	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.61	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	5.48	13	PASS
Band4	3MHz	16QAM	20385	1RB#0	6.52	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.74	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	6.58	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	5.30	13	PASS
Band4	5MHz	16QAM	19975	1RB#0	5.94	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.77	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	6.49	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	5.59	13	PASS
Band4	5MHz	16QAM	20175	1RB#0	5.97	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.54	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.23	13	PASS
Band4	5MHz	QPSK	20375	1RB#0	5.36	13	PASS
Band4	5MHz	16QAM	20375	1RB#0	5.80	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	5.57	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	6.29	13	PASS
Band4	10MHz	QPSK	20000	1RB#0	5.62	13	PASS
Band4	10MHz	16QAM	20000	1RB#0	6.78	13	PASS

Band4	10MHz	QPSK	20000	50RB#0	5.74	13	PASS
Band4	10MHz	QPSK	20175	1RB#0	5.97	13	PASS
Band4	10MHz	16QAM	20175	1RB#0	6.84	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.68	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	5.19	13	PASS
Band4	10MHz	16QAM	20350	1RB#0	5.74	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	5.45	13	PASS
Band4	15MHz	QPSK	20025	1RB#0	5.71	13	PASS
Band4	15MHz	16QAM	20025	1RB#0	6.58	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	6.09	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	5.91	13	PASS
Band4	15MHz	16QAM	20175	1RB#0	6.78	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.94	13	PASS
Band4	15MHz	QPSK	20325	1RB#0	4.90	13	PASS
Band4	15MHz	16QAM	20325	1RB#0	5.68	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.62	13	PASS
Band4	20MHz	QPSK	20050	1RB#0	5.42	13	PASS
Band4	20MHz	16QAM	20050	1RB#0	6.09	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.71	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	6.09	13	PASS
Band4	20MHz	16QAM	20175	1RB#0	6.78	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.62	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	4.90	13	PASS
Band4	20MHz	16QAM	20300	1RB#0	6.06	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.22	13	PASS

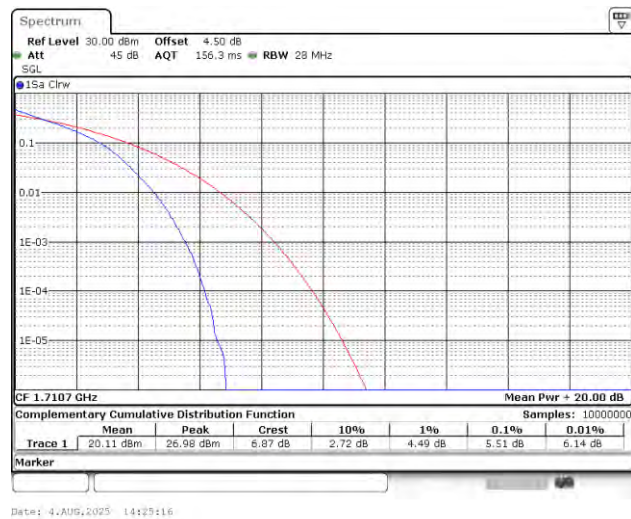
Test Graphs



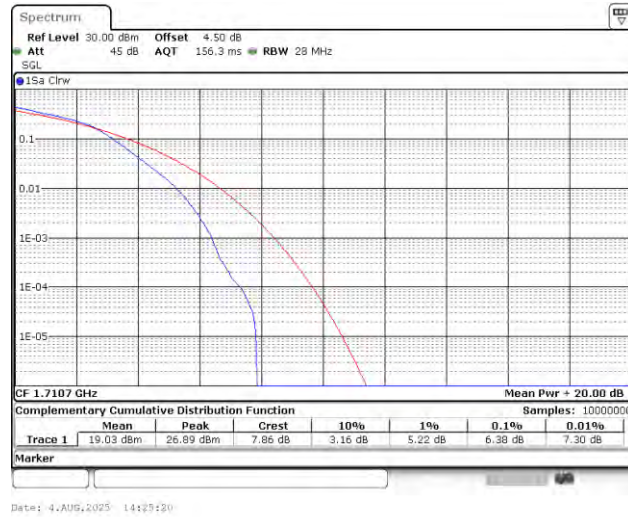
Band4-1.4MHz-QPSK-19957-1RB#0-PASS



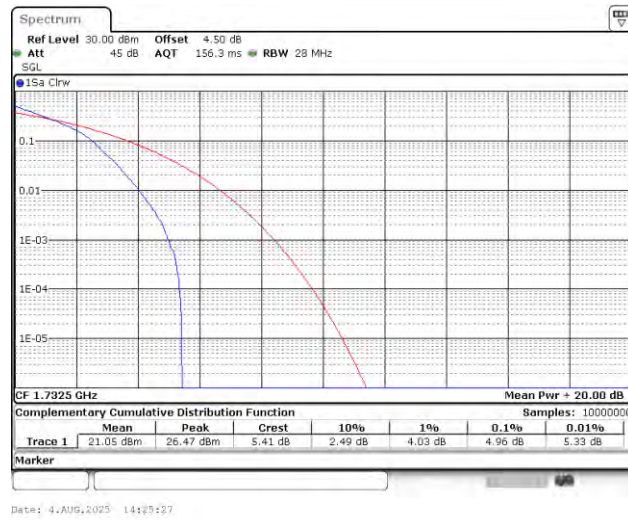
Band4-1.4MHz-16QAM-19957-1RB#0-PASS



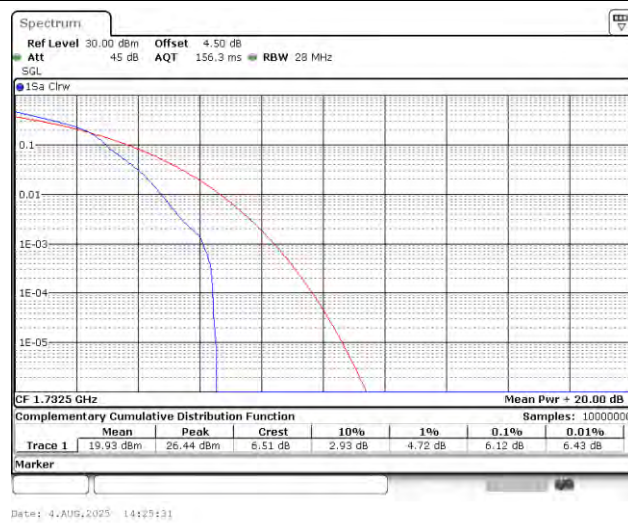
Band4-1.4MHz-QPSK-19957-6RB#0-PASS



Band4-1.4MHz-16QAM-19957-6RB#0-PASS



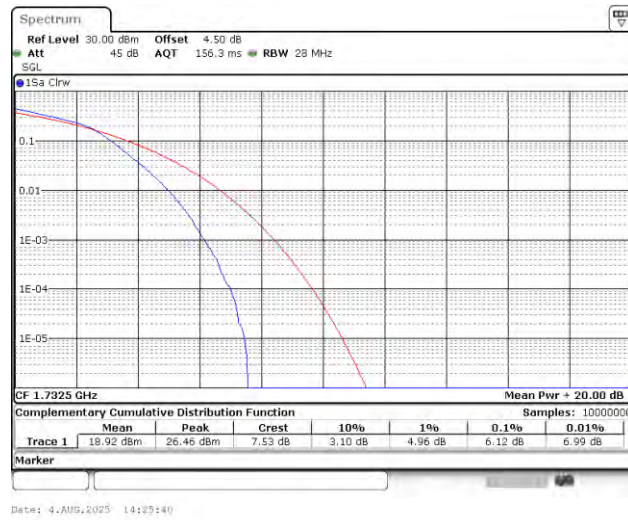
Band4-1.4MHz-QPSK-20175-1RB#0-PASS



Band4-1.4MHz-16QAM-20175-1RB#0-PASS



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



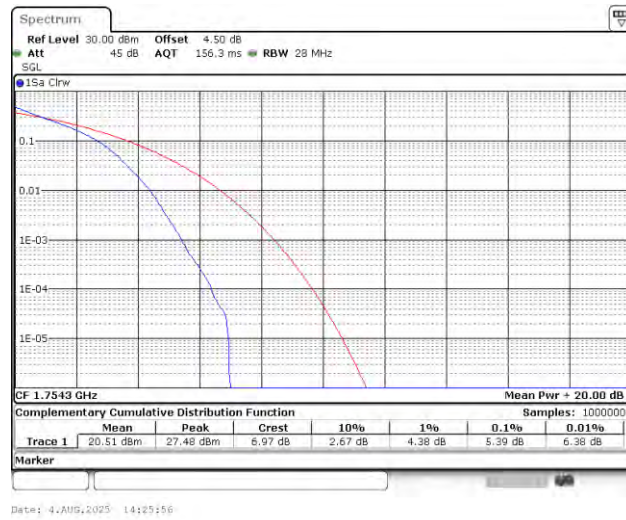
Band4-1.4MHz-16QAM-20175-6RB#0-PASS



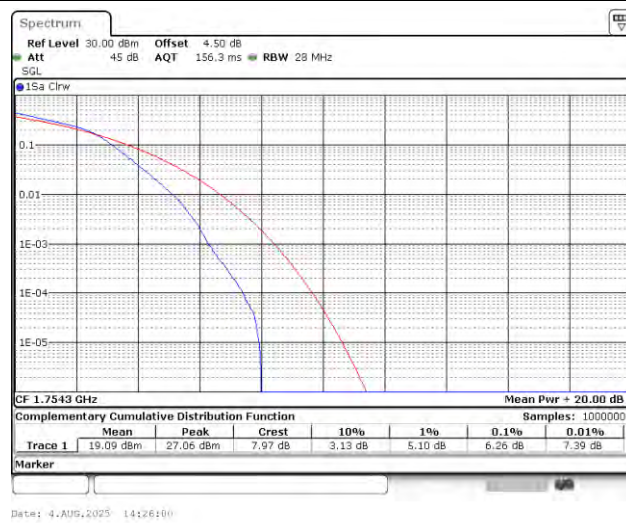
Band4-1.4MHz-QPSK-20393-1RB#0-PASS



Band4-1.4MHz-16QAM-20393-1RB#0-PASS



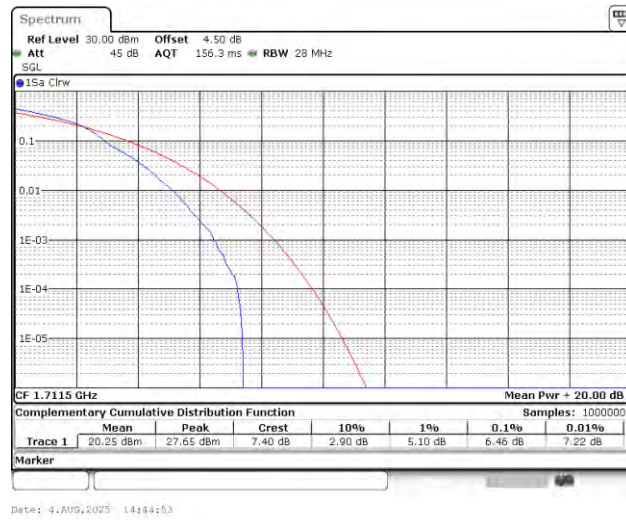
Band4-1.4MHz-QPSK-20393-6RB#0-PASS



Band4-1.4MHz-16QAM-20393-6RB#0-PASS



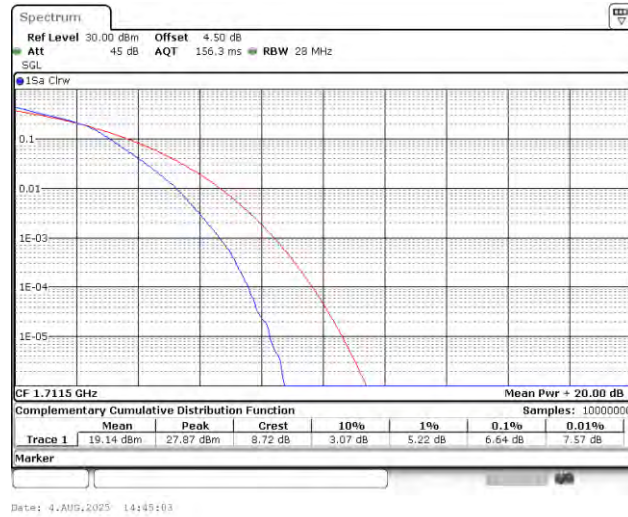
Band4-3MHz-QPSK-19965-1RB#0-PASS



Band4-3MHz-16QAM-19965-1RB#0-PASS



Band4-3MHz-QPSK-19965-15RB#0-PASS



Band4-3MHz-16QAM-19965-15RB#0-PASS



Band4-3MHz-QPSK-20175-1RB#0-PASS



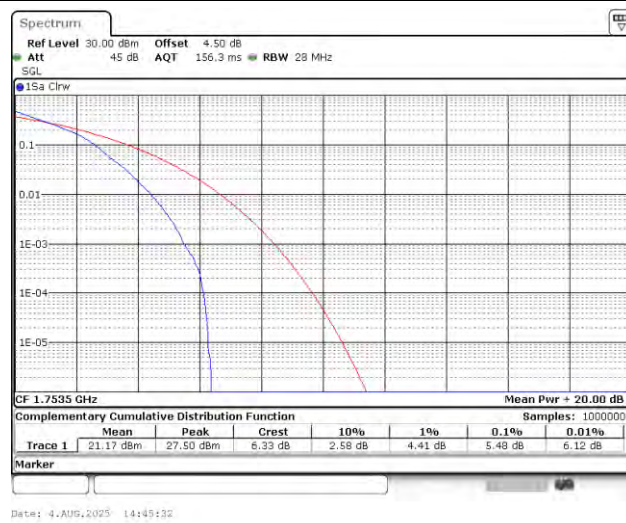
Band4-3MHz-16QAM-20175-1RB#0-PASS



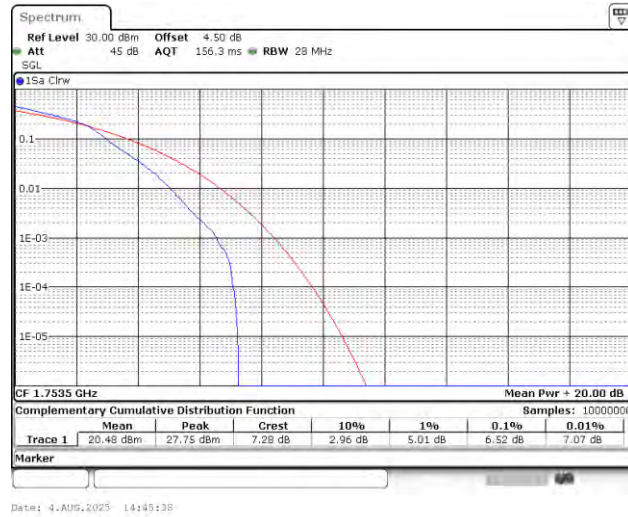
Band4-3MHz-QPSK-20175-15RB#0-PASS



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



Band4-3MHz-QPSK-20385-1RB#0-PASS



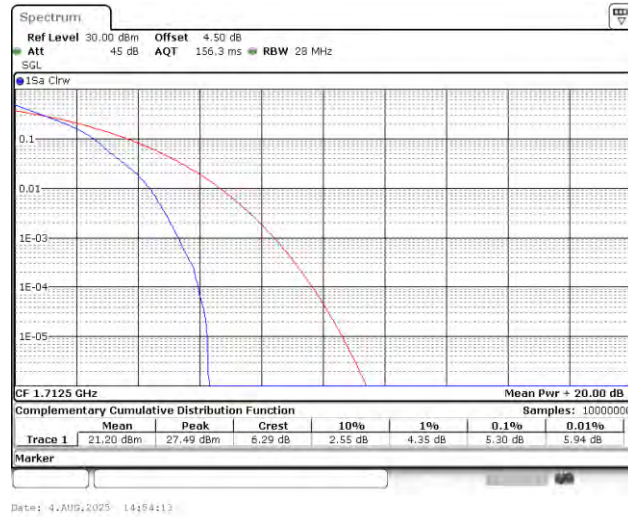
Band4-3MHz-16QAM-20385-1RB#0-PASS



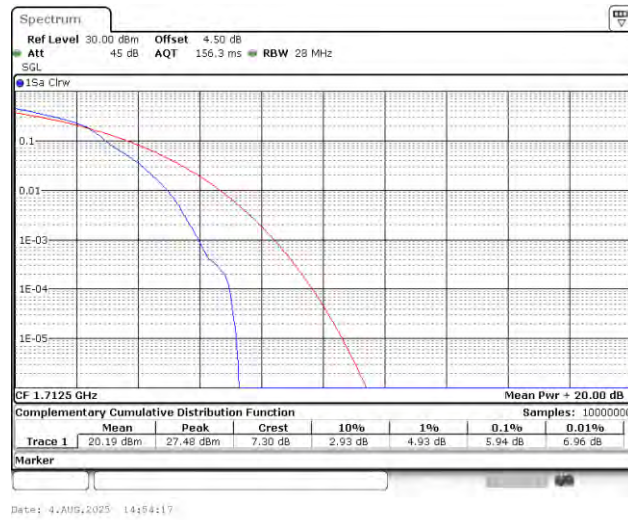
Band4-3MHz-QPSK-20385-15RB#0-PASS



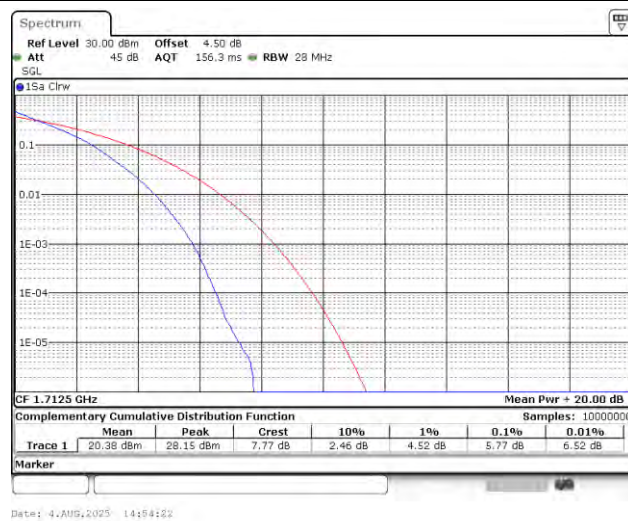
Band4-3MHz-16QAM-20385-15RB#0-PASS



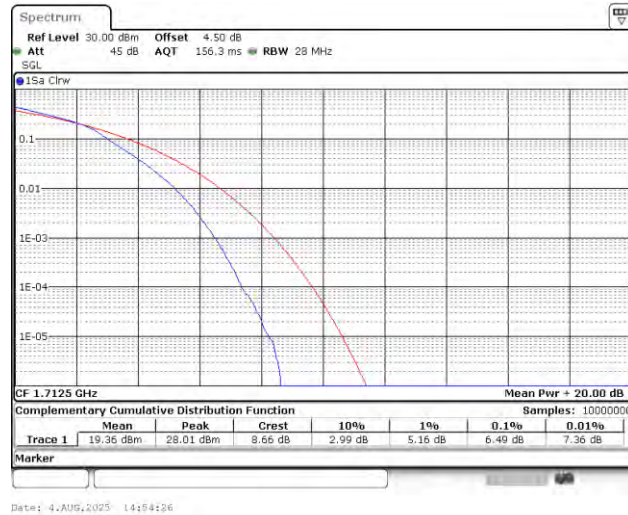
Band4-5MHz-QPSK-19975-1RB#0-PASS



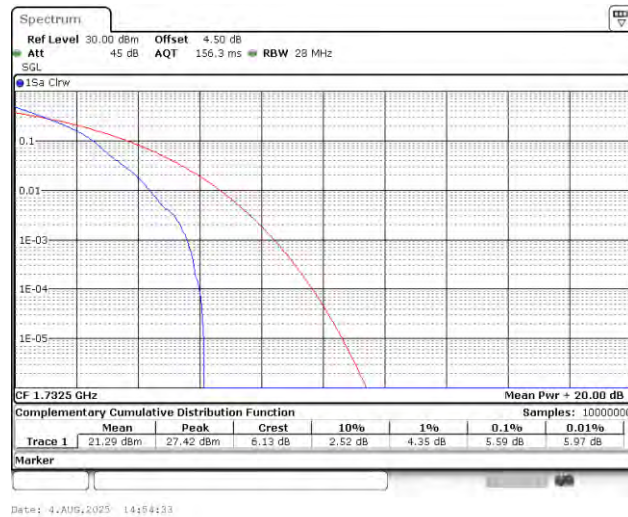
Band4-5MHz-16QAM-19975-1RB#0-PASS



Band4-5MHz-QPSK-19975-25RB#0-PASS



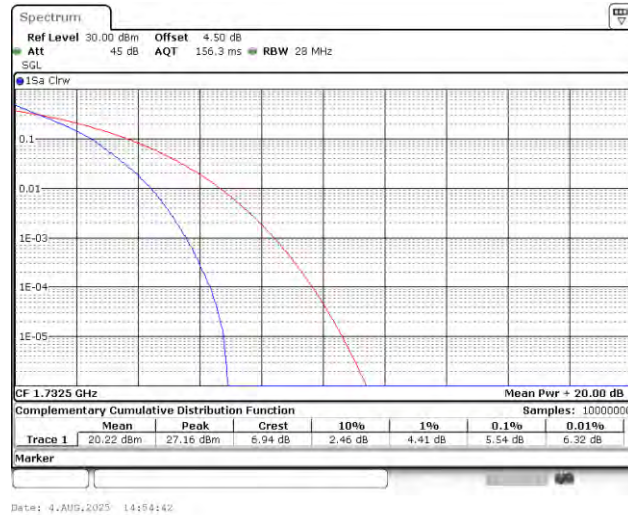
Band4-5MHz-16QAM-19975-25RB#0-PASS



Band4-5MHz-QPSK-20175-1RB#0-PASS



Band4-5MHz-16QAM-20175-1RB#0-PASS



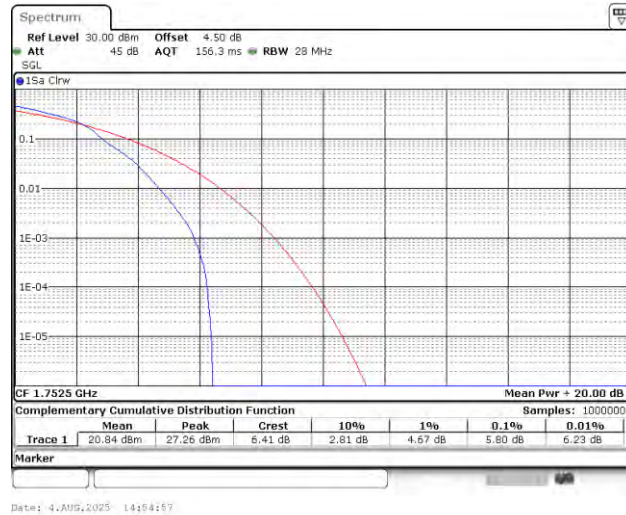
Band4-5MHz-QPSK-20175-25RB#0-PASS



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



Band4-5MHz-QPSK-20375-1RB#0-PASS



Band4-5MHz-16QAM-20375-1RB#0-PASS



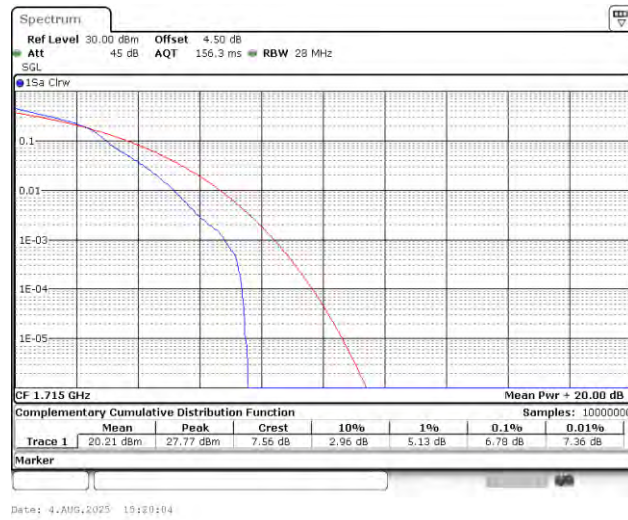
Band4-5MHz-QPSK-20375-25RB#0-PASS



Band4-5MHz-16QAM-20375-25RB#0-PASS



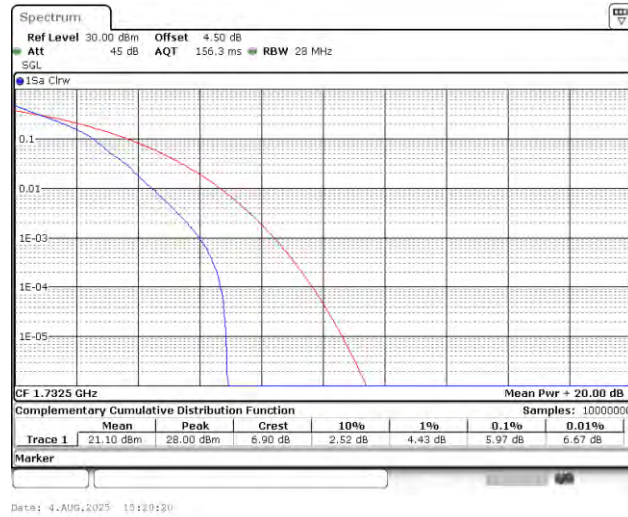
Band4-10MHz-QPSK-20000-1RB#0-PASS



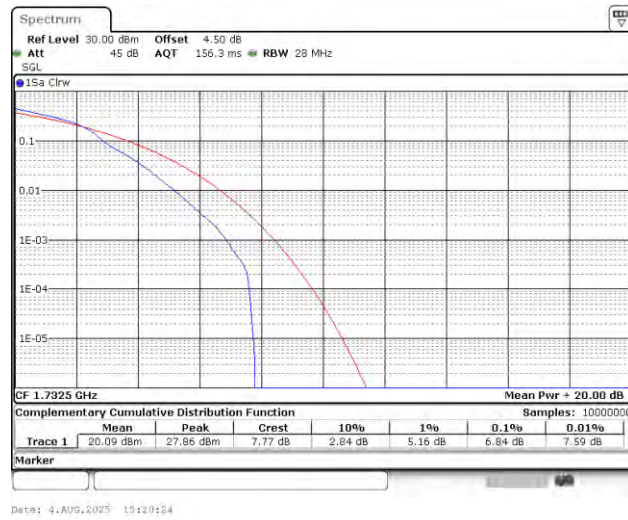
Band4-10MHz-16QAM-20000-1RB#0-PASS



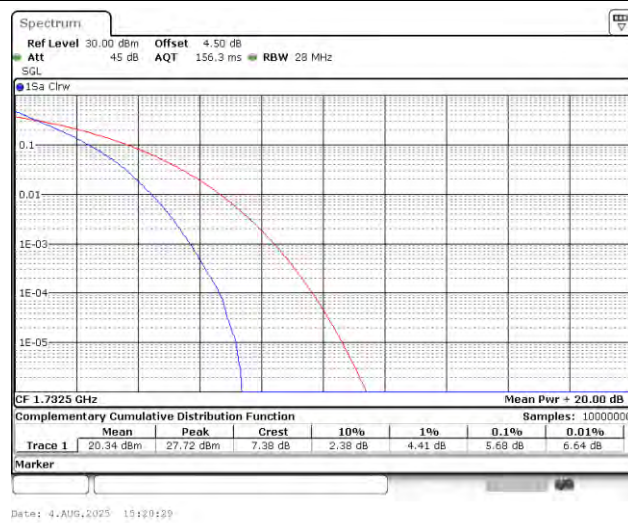
Band4-10MHz-QPSK-20000-50RB#0-PASS



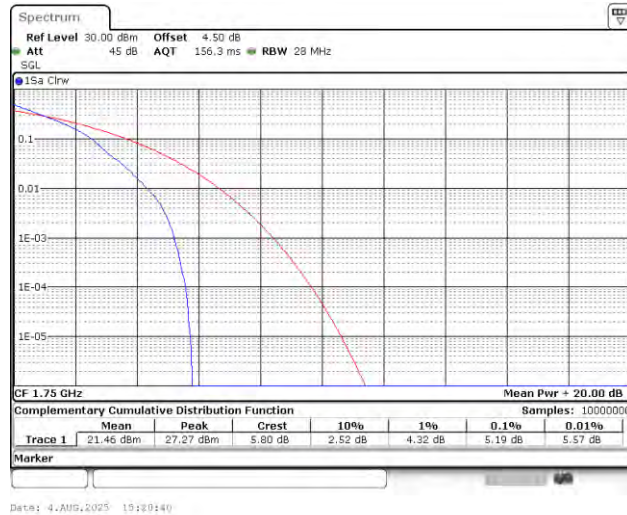
Band4-10MHz-QPSK-20175-1RB#0-PASS



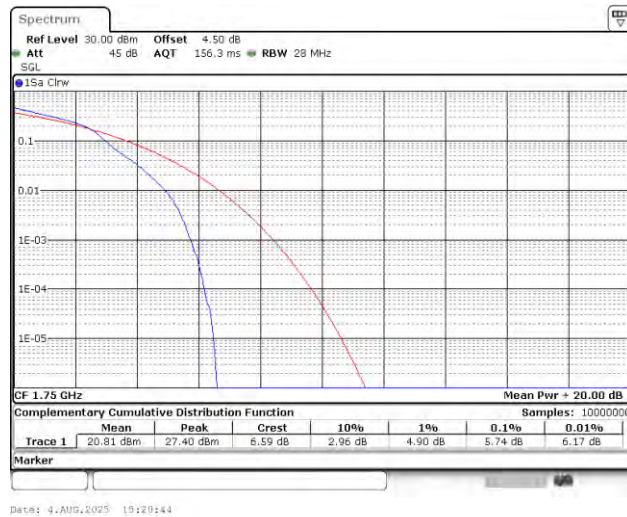
Band4-10MHz-16QAM-20175-1RB#0-PASS



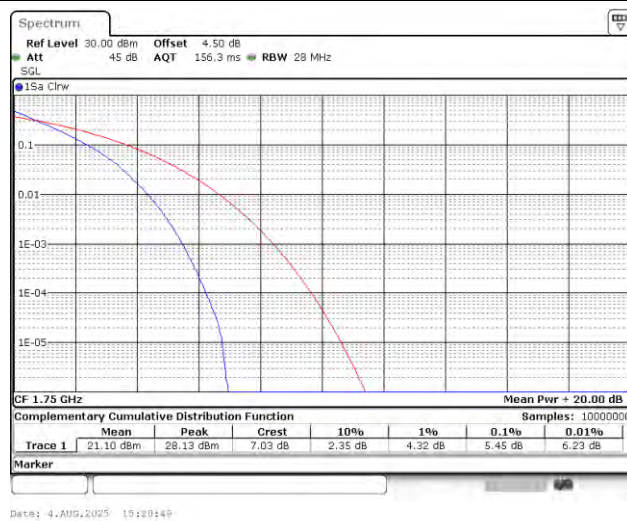
Band4-10MHz-QPSK-20175-50RB#0-PASS



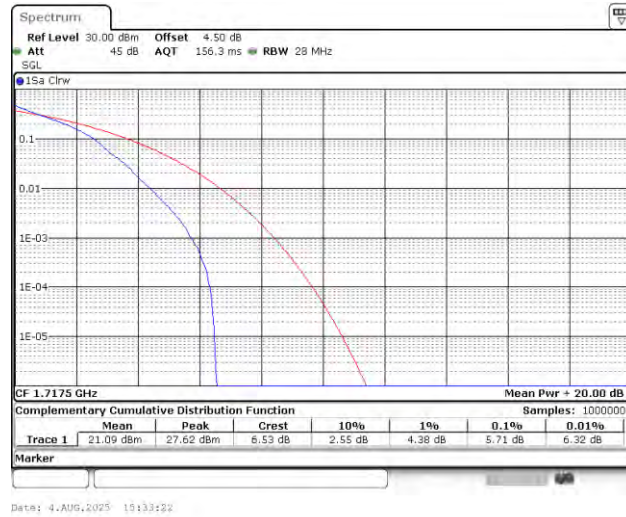
Band4-10MHz-QPSK-20350-1RB#0-PASS



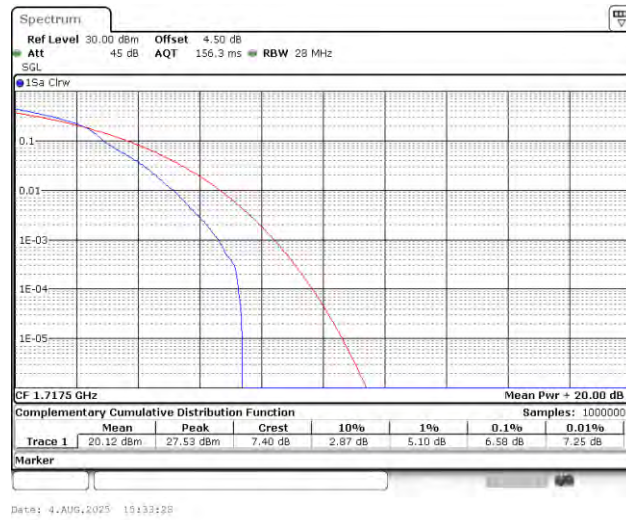
Band4-10MHz-16QAM-20350-1RB#0-PASS



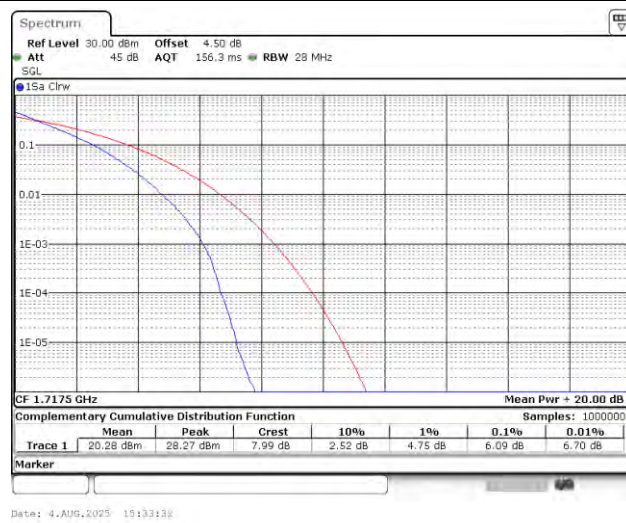
Band4-10MHz-QPSK-20350-50RB#0-PASS



Band4-15MHz-QPSK-20025-1RB#0-PASS



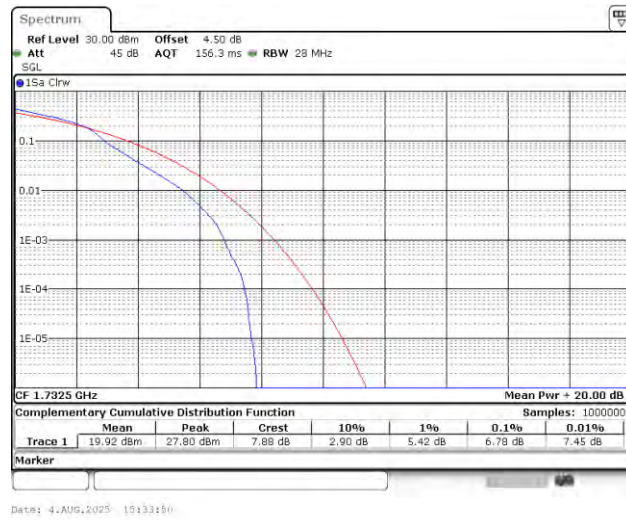
Band4-15MHz-16QAM-20025-1RB#0-PASS



Band4-15MHz-QPSK-20025-75RB#0-PASS



Band4-15MHz-QPSK-20175-1RB#0-PASS



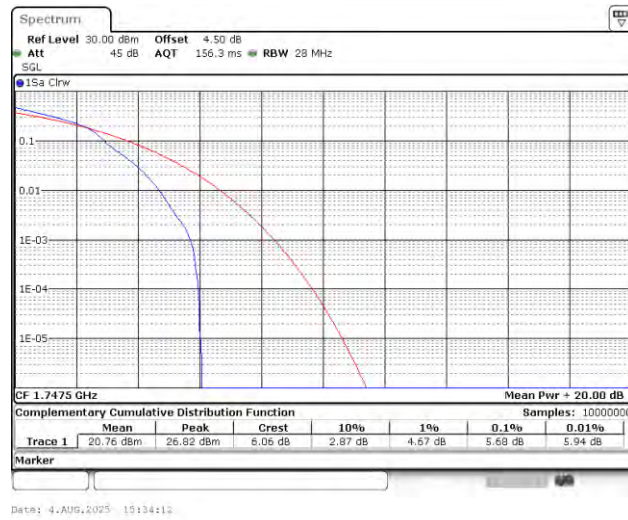
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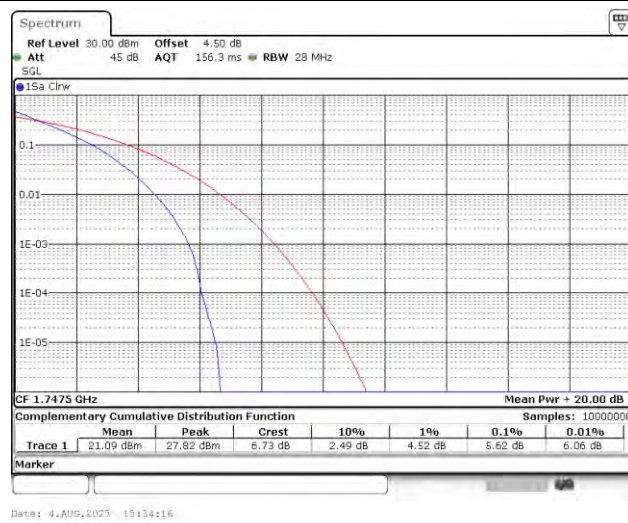
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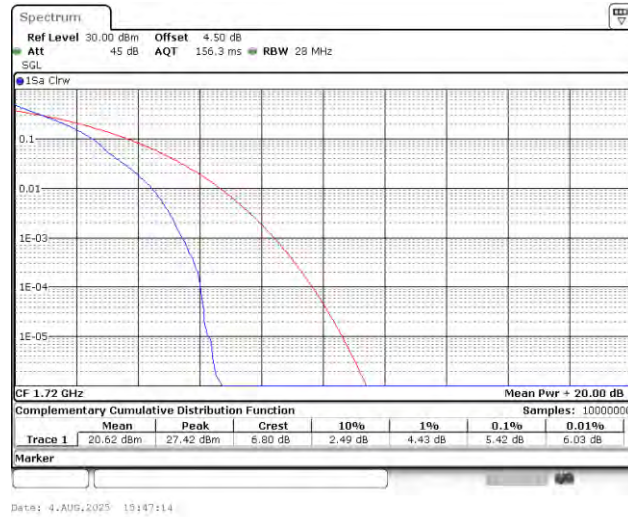
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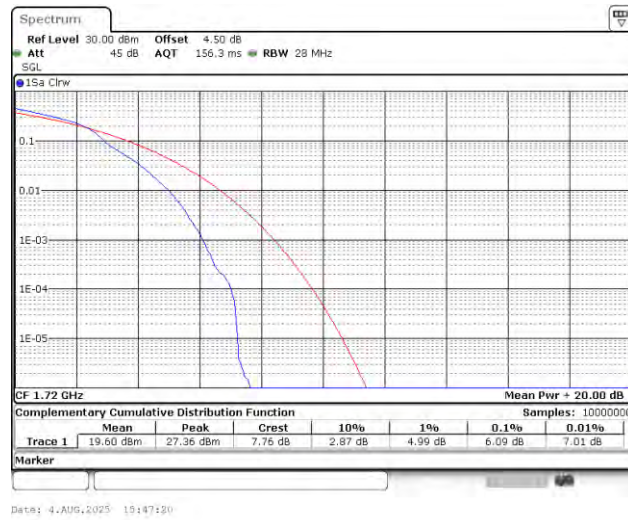
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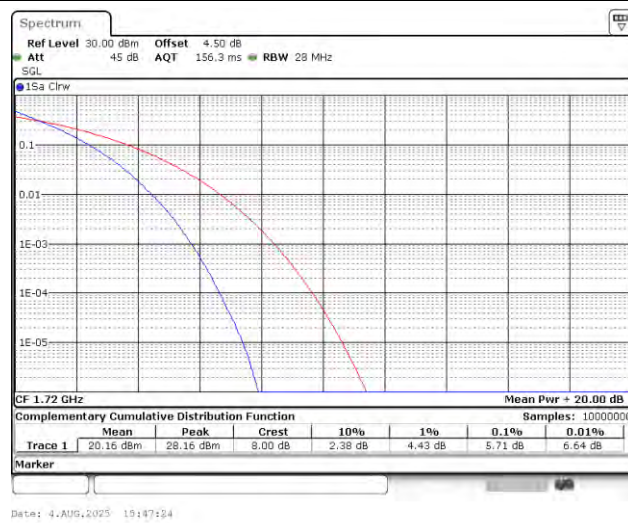
Band4-15MHz-QPSK-20325-75RB#0-PASS



Band4-20MHz-QPSK-20050-1RB#0-PASS



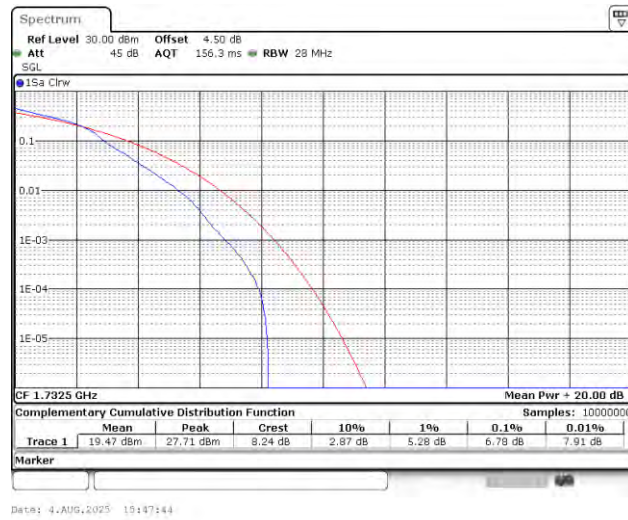
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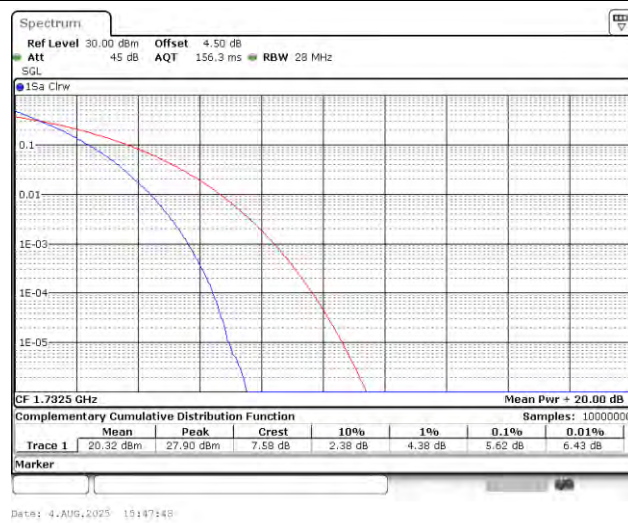
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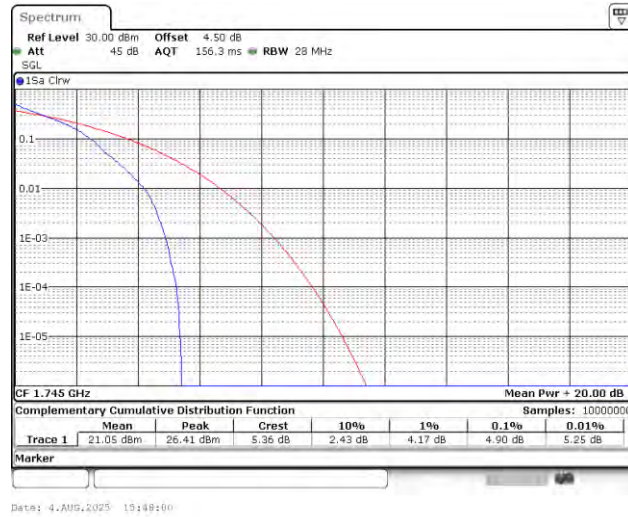
Band4-20MHz-QPSK-20175-1RB#0-PASS



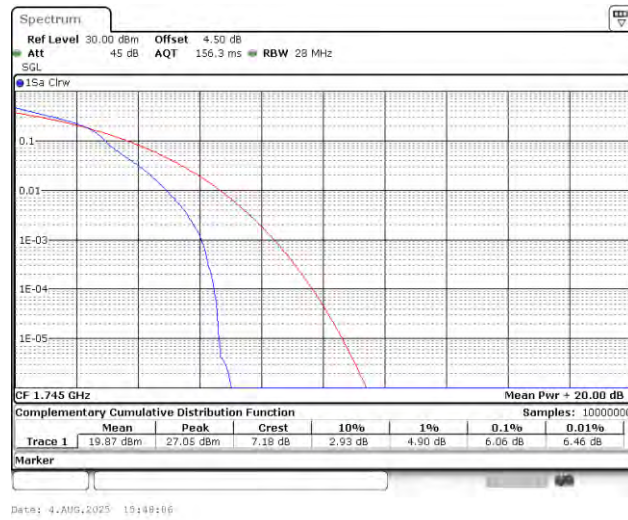
Band4-20MHz-16QAM-20175-1RB#0-PASS



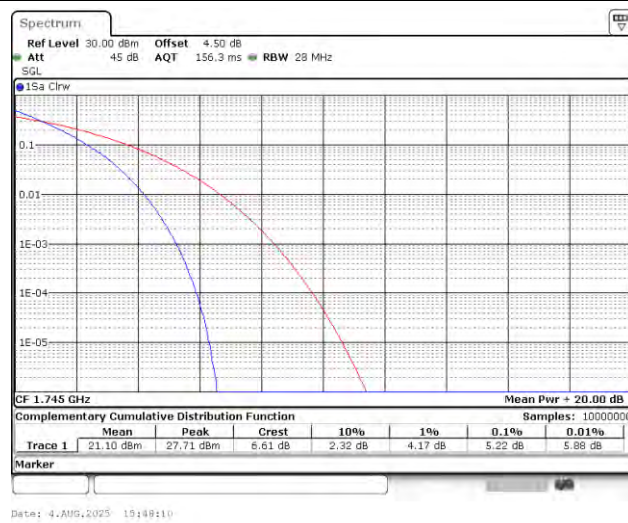
Band4-20MHz-QPSK-20175-100RB#0-PASS



Band4-20MHz-QPSK-20300-1RB#0-PASS



Band4-20MHz-16QAM-20300-1RB#0-PASS



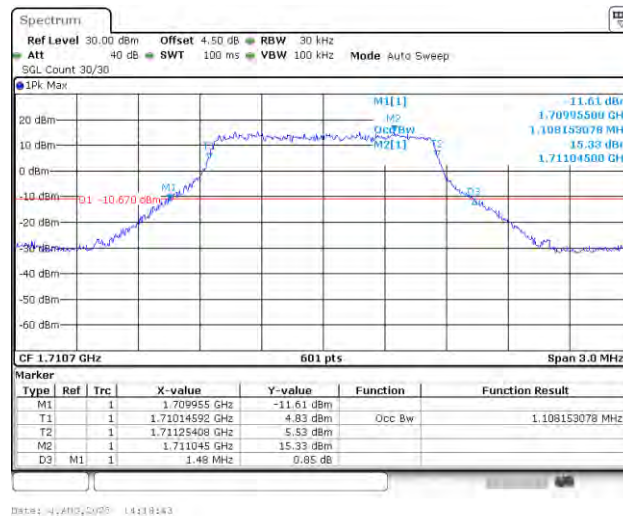
Band4-20MHz-QPSK-20300-100RB#0-PASS

Appendix C: 26dB Bandwidth and Occupied Bandwidth

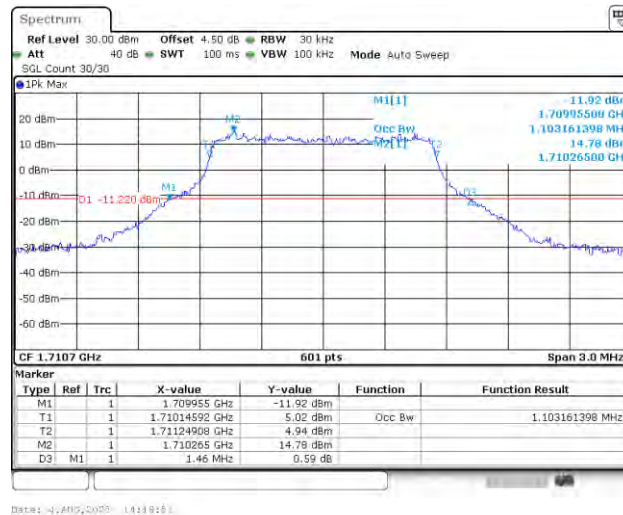
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.108	1.48	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.103	1.46	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.098	1.47	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.113	1.51	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.103	1.51	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.113	1.48	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.696	3.16	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.705	3.15	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.696	3.19	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.696	3.23	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.705	3.18	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.696	3.16	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.505	5.11	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.496	5.09	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.496	5.14	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.496	5.10	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.496	5.18	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.525	5.17	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.985	9.90	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.985	9.93	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.985	9.90	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.527	15.20	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.527	15.15	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.527	15.20	PASS
Band4	20MHz	QPSK	20050	100RB#0	18.037	19.87	PASS
Band4	20MHz	QPSK	20175	100RB#0	18.103	19.87	PASS
Band4	20MHz	QPSK	20300	100RB#0	18.037	19.80	PASS

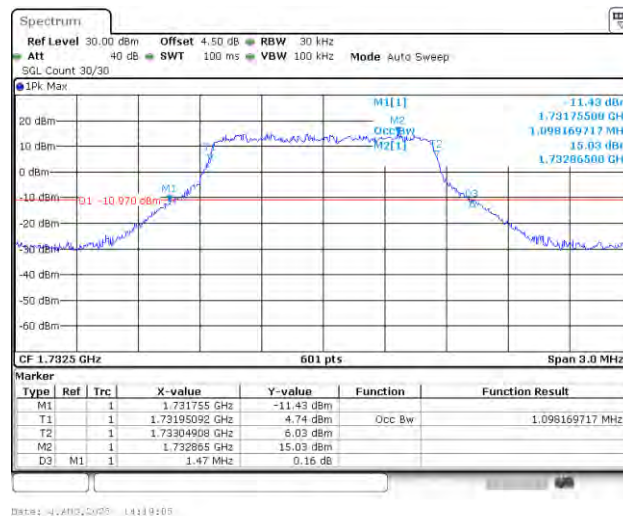
Test Graphs



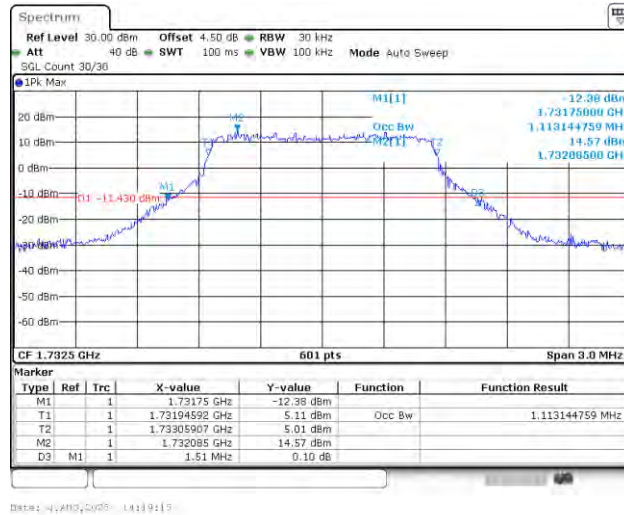
Band4-1.4MHz-QPSK-19957-6RB#0-PASS



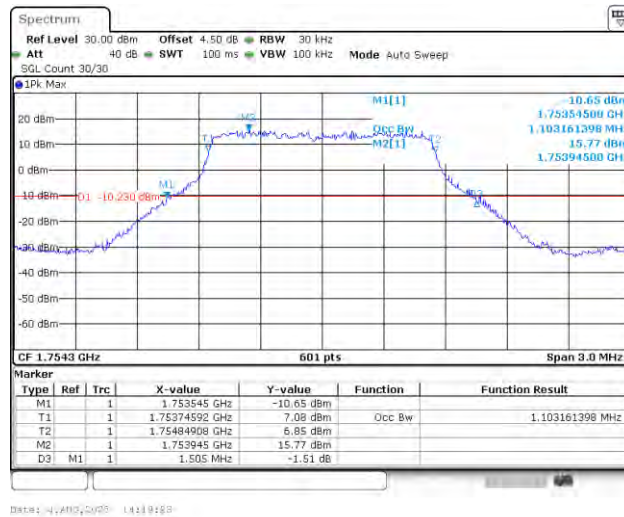
Band4-1.4MHz-16QAM-19957-6RB#0-PASS



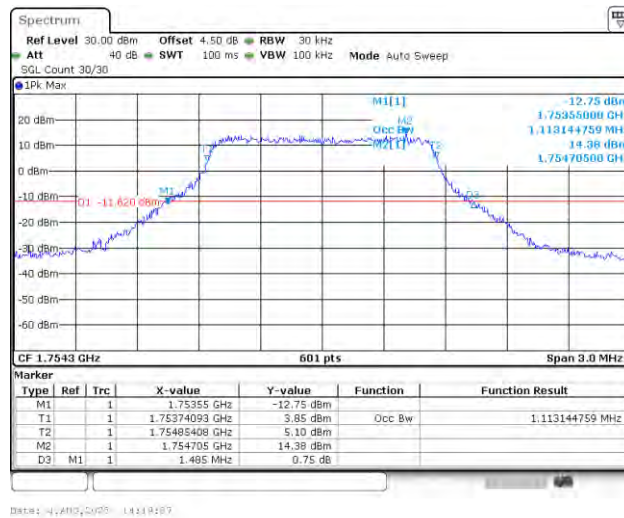
Band4-1.4MHz-QPSK-20175-6RB#0-PASS



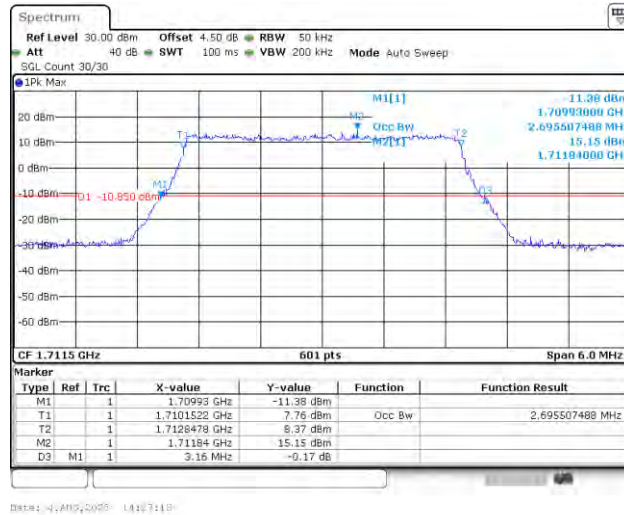
Band4-1.4MHz-16QAM-20175-6RB#0-PASS



Band4-1.4MHz-QPSK-20393-6RB#0-PASS



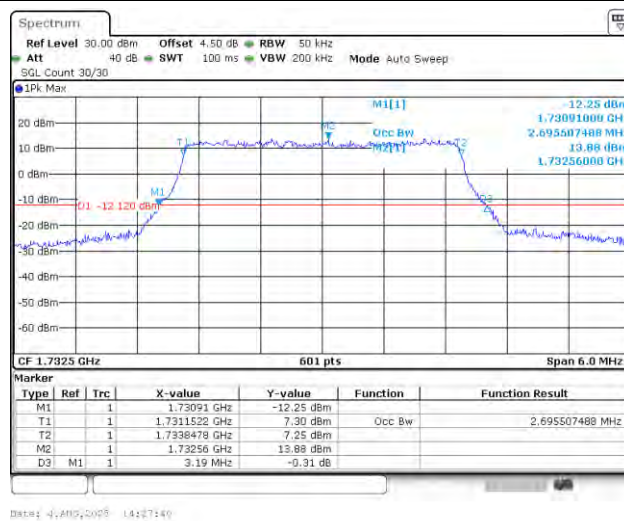
Band4-1.4MHz-16QAM-20393-6RB#0-PASS



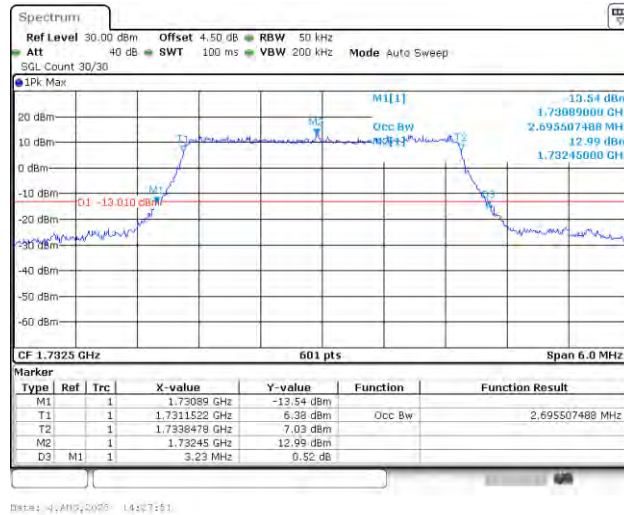
Band4-3MHz-QPSK-19965-15RB#0-PASS



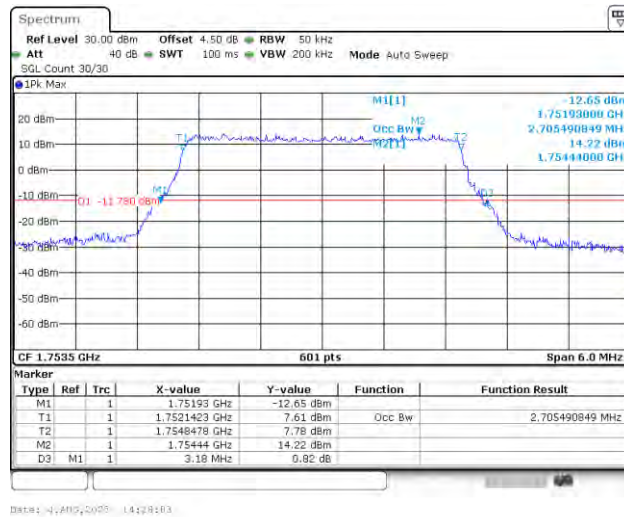
Band4-3MHz-16QAM-19965-15RB#0-PASS



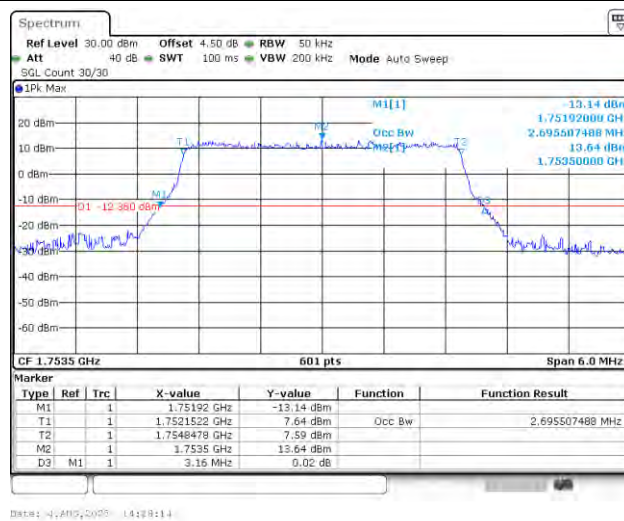
Band4-3MHz-QPSK-20175-15RB#0-PASS



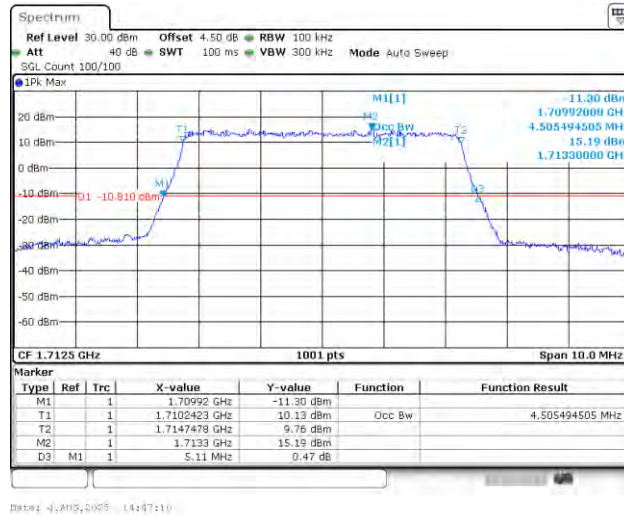
Band4-3MHz-16QAM-20175-15RB#0-PASS



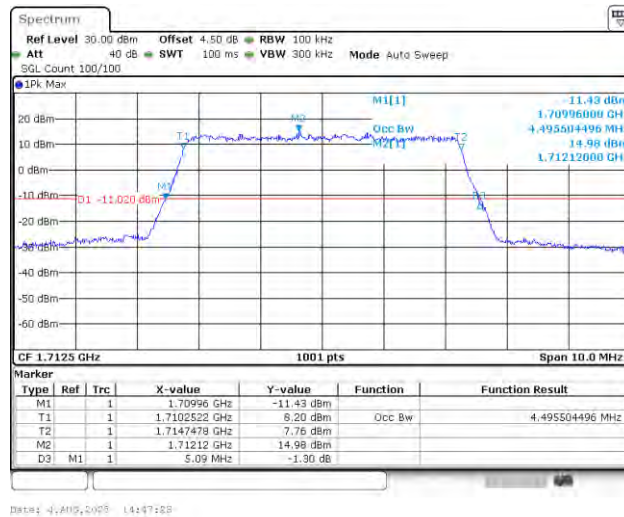
Band4-3MHz-QPSK-20385-15RB#0-PASS



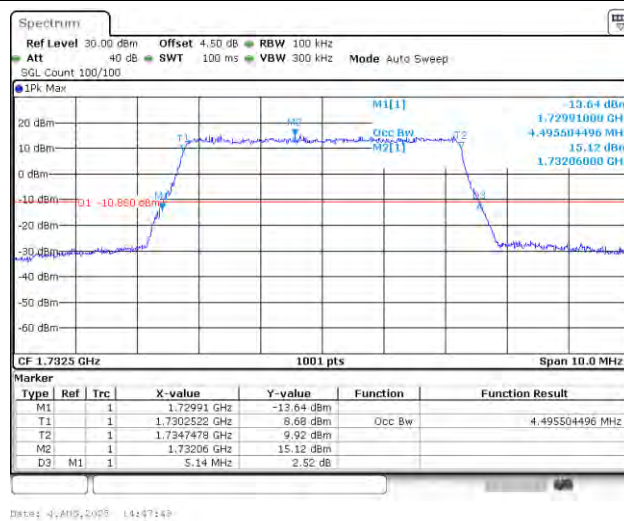
Band4-3MHz-16QAM-20385-15RB#0-PASS



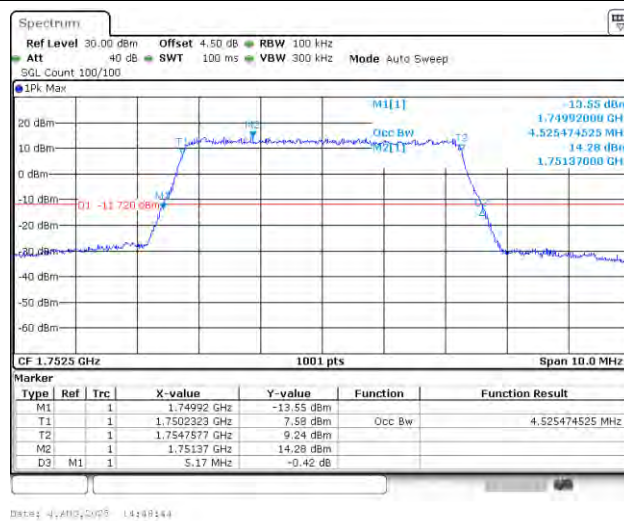
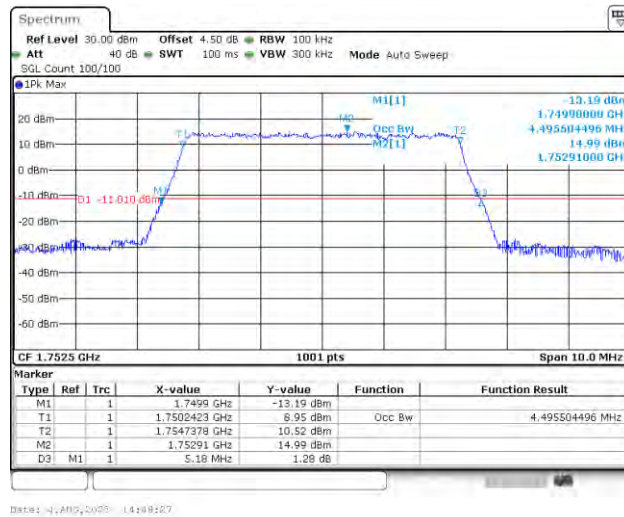
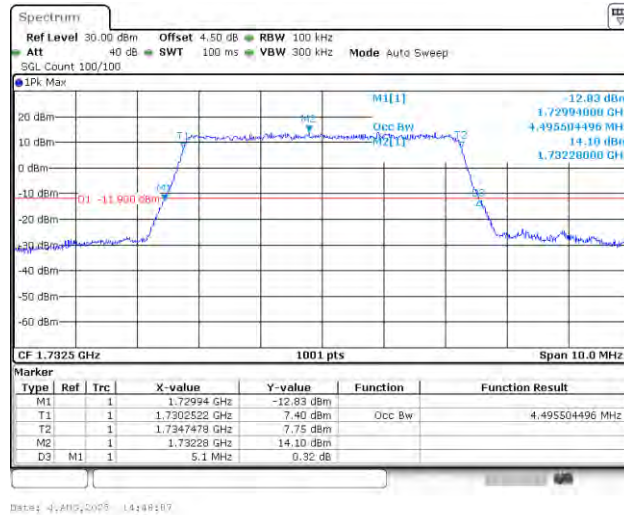
Band4-5MHz-QPSK-19975-25RB#0-PASS

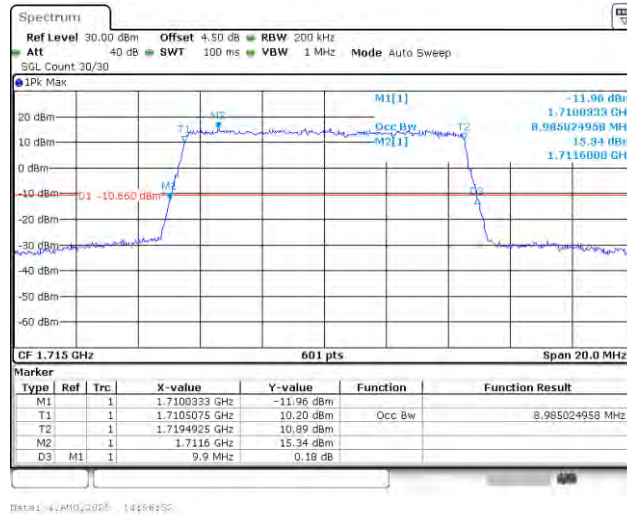


Band4-5MHz-16QAM-19975-25RB#0-PASS

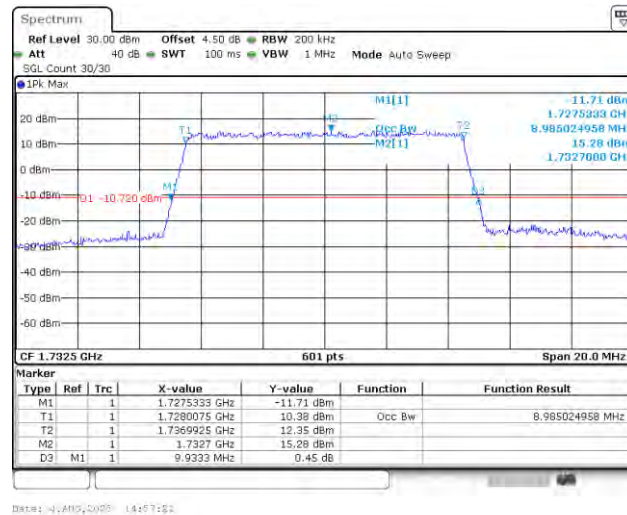


Band4-5MHz-QPSK-20175-25RB#0-PASS

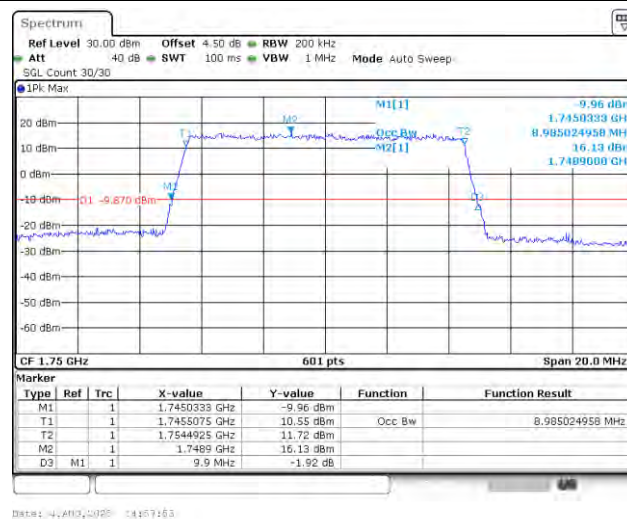




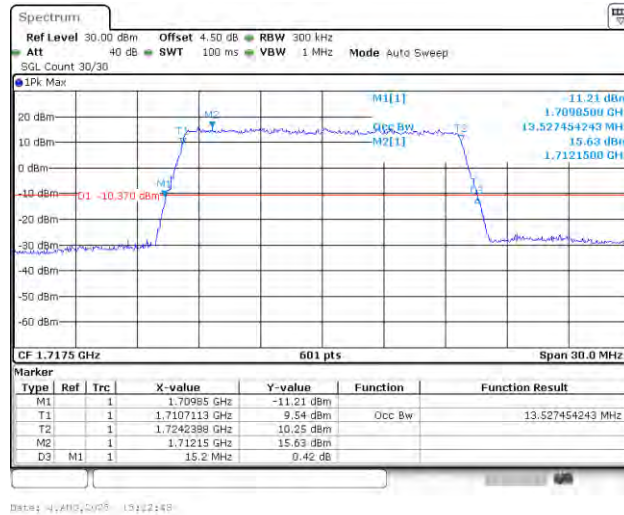
Band4-10MHz-QPSK-20000-50RB#0-PASS



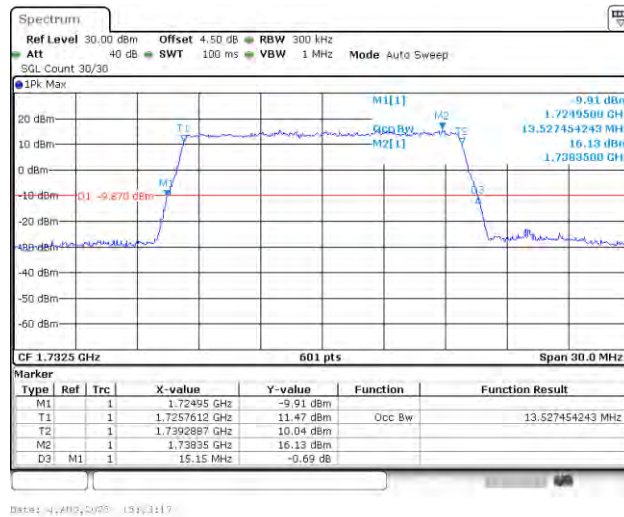
Band4-10MHz-QPSK-20175-50RB#0-PASS



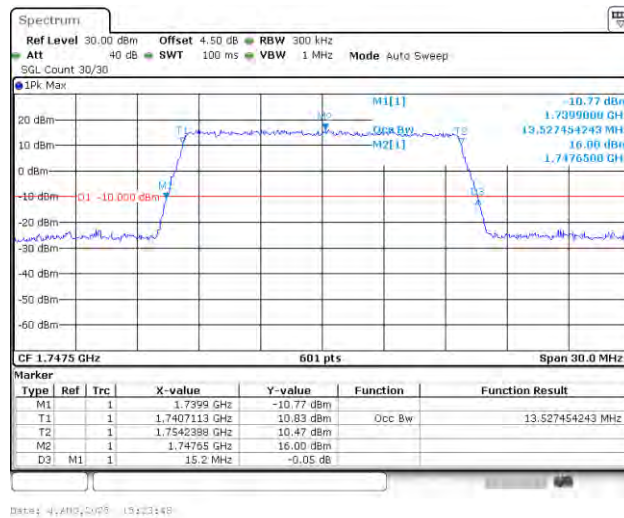
Band4-10MHz-QPSK-20350-50RB#0-PASS



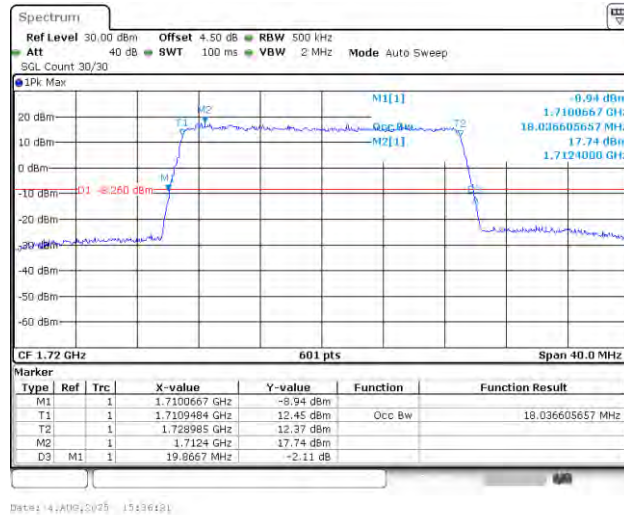
Band4-15MHz-QPSK-20025-75RB#0-PASS



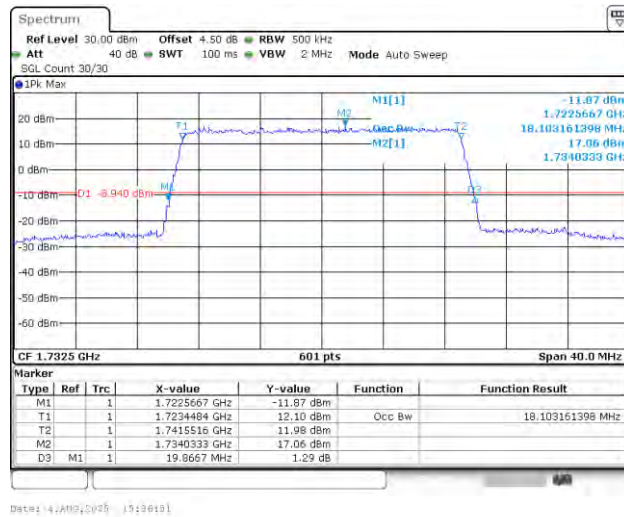
Band4-15MHz-QPSK-20175-75RB#0-PASS



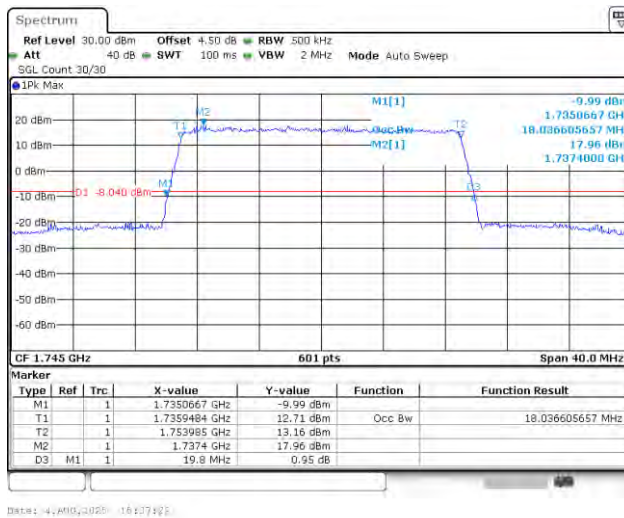
Band4-15MHz-QPSK-20325-75RB#0-PASS



Band4-20MHz-QPSK-20050-100RB#0-PASS



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



Band4-20MHz-QPSK-20300-100RB#0-PASS

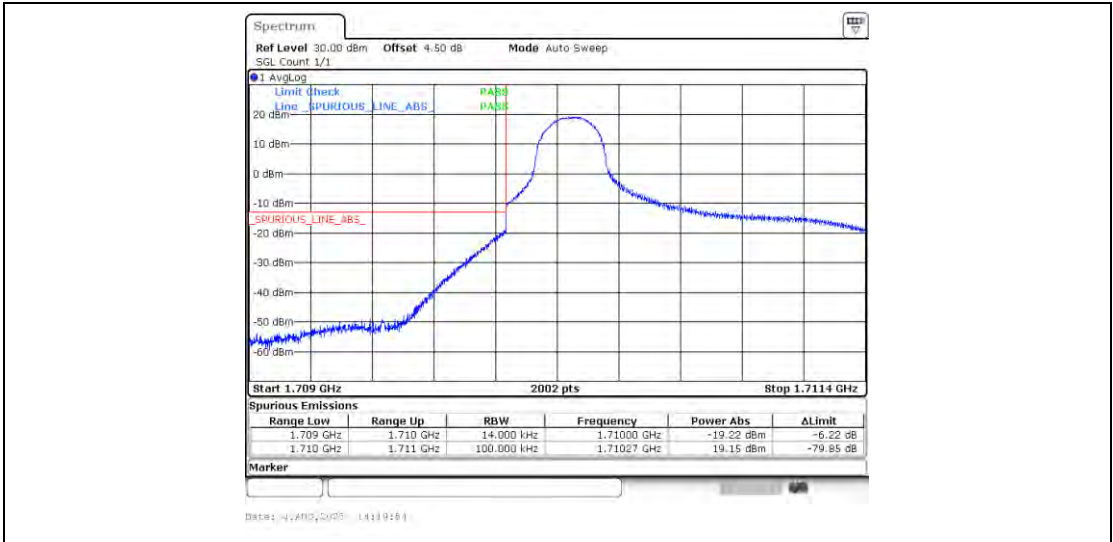
Appendix D: Band Edge

Test Result

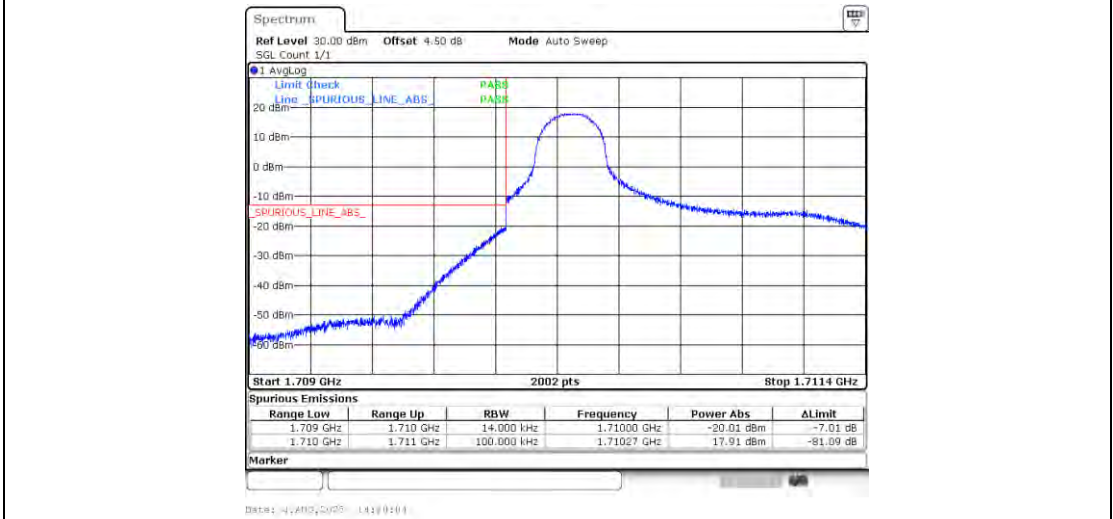
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	-19.22	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	-20.01	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	-26.44	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	-27.45	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	-24.34	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-25.44	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	-27.68	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	-28.01	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	-19.60	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	-19.92	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-24.59	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-25.66	PASS
Band4	3MHz	QPSK	19965	1RB#14	-27.58	PASS
Band4	3MHz	16QAM	19965	1RB#14	-28.77	PASS
Band4	3MHz	QPSK	19965	1RB#0	-14.55	PASS
Band4	3MHz	16QAM	19965	1RB#0	-15.70	PASS
Band4	3MHz	QPSK	19965	15RB#0	-23.91	PASS
Band4	3MHz	16QAM	19965	15RB#0	-24.60	PASS
Band4	3MHz	QPSK	20385	1RB#0	-28.19	PASS
Band4	3MHz	16QAM	20385	1RB#0	-28.58	PASS
Band4	3MHz	QPSK	20385	1RB#14	-15.10	PASS
Band4	3MHz	16QAM	20385	1RB#14	-15.65	PASS
Band4	3MHz	QPSK	20385	15RB#0	-24.69	PASS
Band4	3MHz	16QAM	20385	15RB#0	-25.48	PASS
Band4	5MHz	QPSK	19975	1RB#0	-18.52	PASS
Band4	5MHz	16QAM	19975	1RB#0	-19.25	PASS
Band4	5MHz	QPSK	19975	1RB#24	-34.14	PASS
Band4	5MHz	16QAM	19975	1RB#24	-35.82	PASS
Band4	5MHz	QPSK	19975	25RB#0	-27.83	PASS
Band4	5MHz	16QAM	19975	25RB#0	-29.42	PASS
Band4	5MHz	QPSK	20375	1RB#0	-34.77	PASS
Band4	5MHz	16QAM	20375	1RB#0	-36.41	PASS
Band4	5MHz	QPSK	20375	1RB#24	-18.24	PASS
Band4	5MHz	16QAM	20375	1RB#24	-18.93	PASS
Band4	5MHz	QPSK	20375	25RB#0	-29.48	PASS
Band4	5MHz	16QAM	20375	25RB#0	-30.48	PASS
Band4	10MHz	QPSK	20000	1RB#0	-25.93	PASS
Band4	10MHz	16QAM	20000	1RB#0	-27.16	PASS

Band4	10MHz	QPSK	20000	1RB#49	-42.63	PASS
Band4	10MHz	16QAM	20000	1RB#49	-43.15	PASS
Band4	10MHz	QPSK	20000	50RB#0	-35.32	PASS
Band4	10MHz	16QAM	20350	1RB#0	-43.46	PASS
Band4	10MHz	QPSK	20350	1RB#49	-25.79	PASS
Band4	10MHz	16QAM	20350	1RB#49	-25.92	PASS
Band4	10MHz	QPSK	20350	50RB#0	-35.76	PASS
Band4	10MHz	QPSK	20350	1RB#0	-43.62	PASS
Band4	15MHz	QPSK	20025	1RB#0	-22.16	PASS
Band4	15MHz	16QAM	20025	1RB#0	-22.70	PASS
Band4	15MHz	QPSK	20025	1RB#74	-42.50	PASS
Band4	15MHz	16QAM	20025	1RB#74	-42.65	PASS
Band4	15MHz	QPSK	20025	75RB#0	-33.61	PASS
Band4	15MHz	QPSK	20325	1RB#0	-43.07	PASS
Band4	15MHz	16QAM	20325	1RB#0	-43.30	PASS
Band4	15MHz	QPSK	20325	1RB#74	-22.46	PASS
Band4	15MHz	16QAM	20325	1RB#74	-22.99	PASS
Band4	15MHz	QPSK	20325	75RB#0	-33.27	PASS
Band4	20MHz	QPSK	20050	1RB#0	-34.29	PASS
Band4	20MHz	16QAM	20050	1RB#0	-34.45	PASS
Band4	20MHz	QPSK	20050	1RB#99	-46.34	PASS
Band4	20MHz	16QAM	20050	1RB#99	-46.60	PASS
Band4	20MHz	QPSK	20050	100RB#0	-39.62	PASS
Band4	20MHz	QPSK	20300	1RB#0	-46.58	PASS
Band4	20MHz	16QAM	20300	1RB#0	-46.70	PASS
Band4	20MHz	QPSK	20300	1RB#99	-33.68	PASS
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Band4	20MHz	QPSK	20300	100RB#0	-36.75	PASS

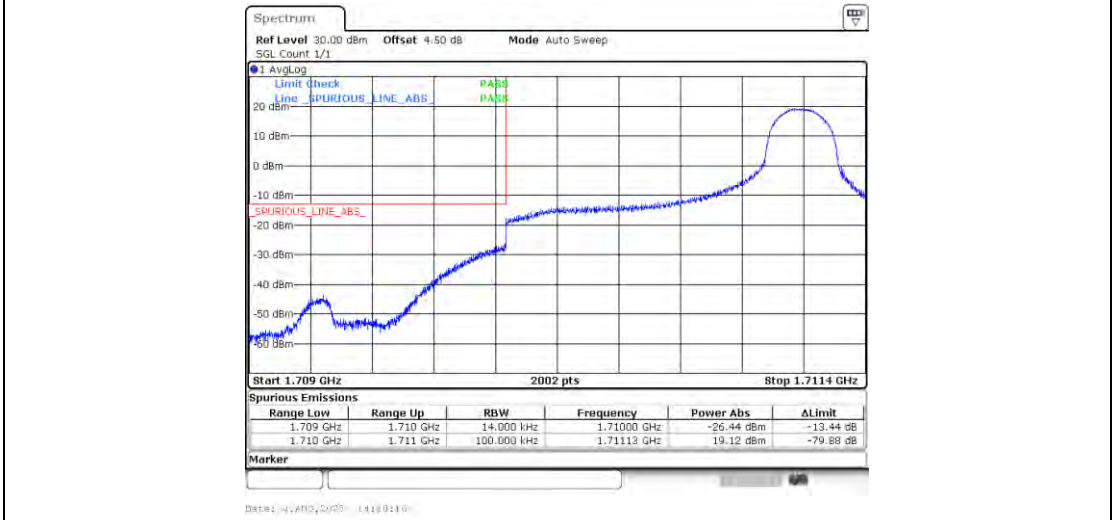
Test Graphs



Band4_1.4MHz_QPSK_19957_1RB#0



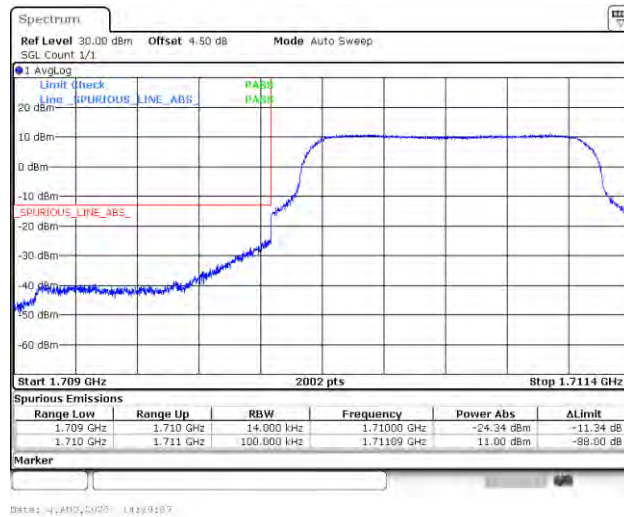
Band4_1.4MHz_16QAM_19957_1RB#0



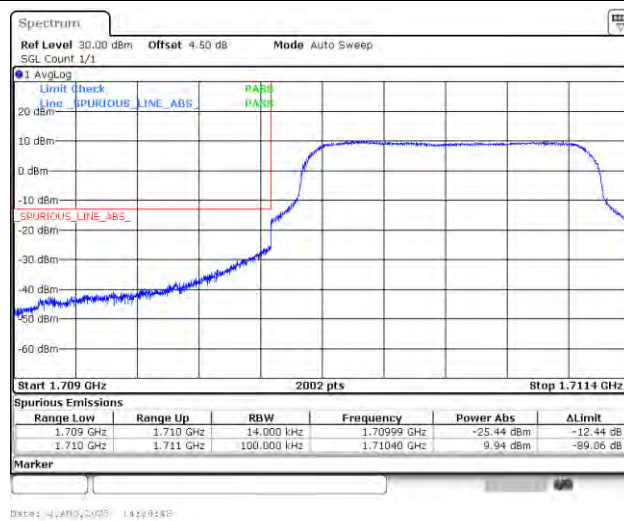
Band4_1.4MHz_QPSK_19957_1RB#5



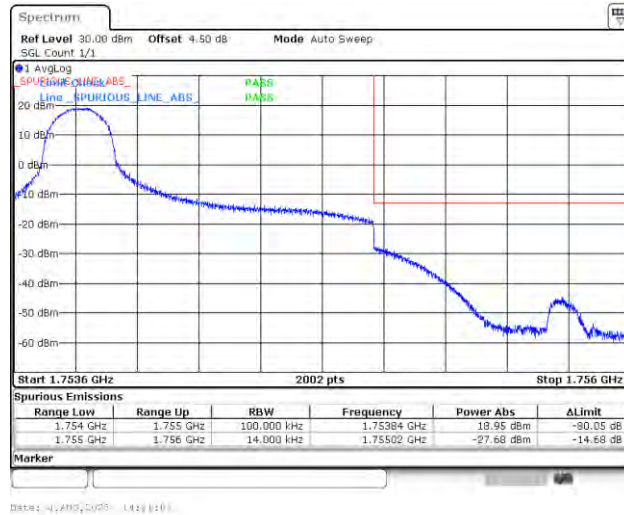
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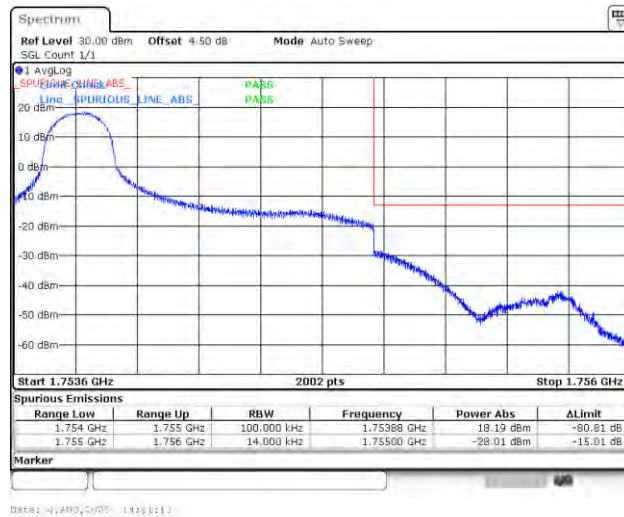
Band4_1.4MHz_QPSK_19957_6RB#0



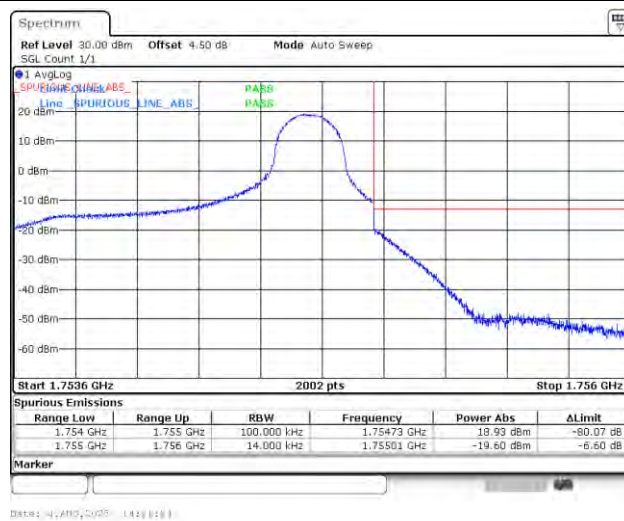
Band4_1.4MHz_16QAM_19957_6RB#0



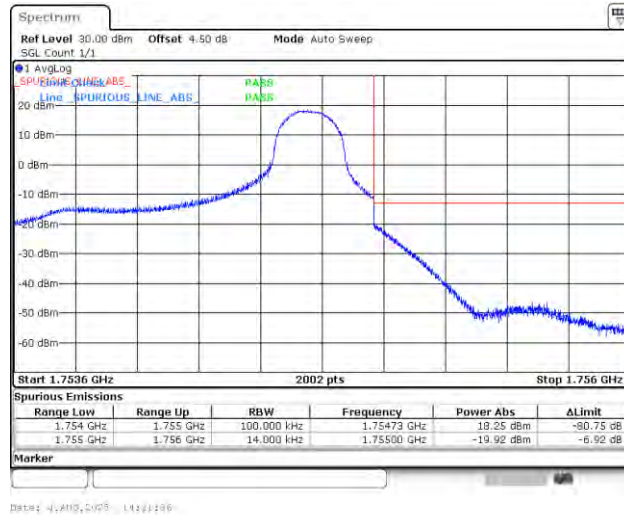
Band4_1.4MHz_QPSK_20393_1RB#0



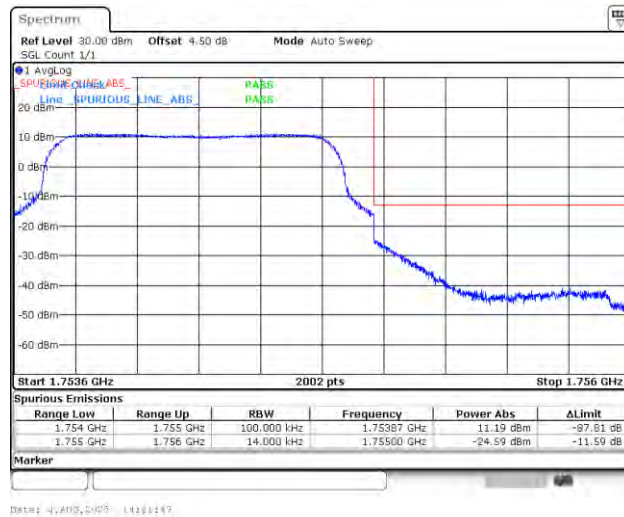
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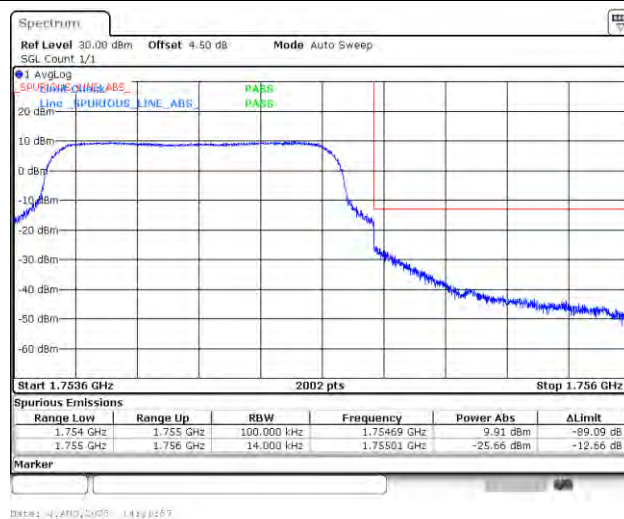
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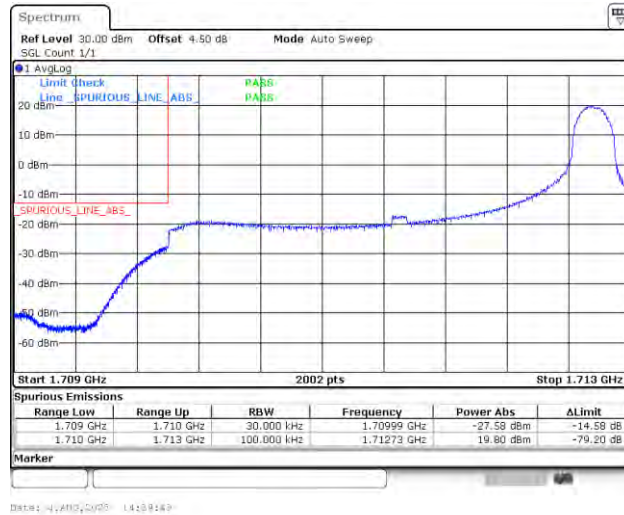
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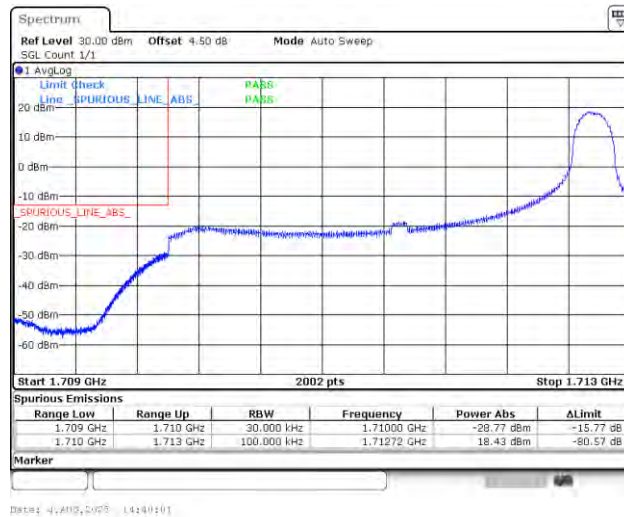
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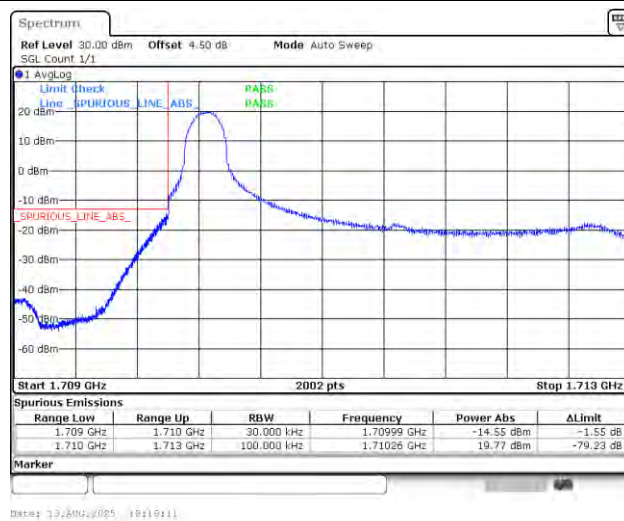
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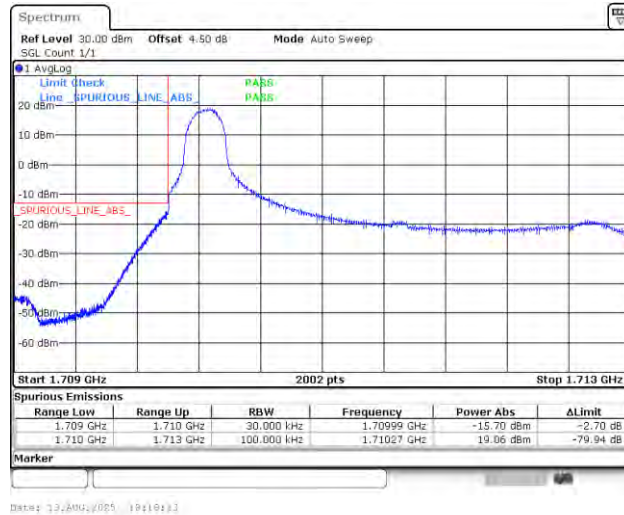
Band4_3MHz_QPSK_19965_1RB#14



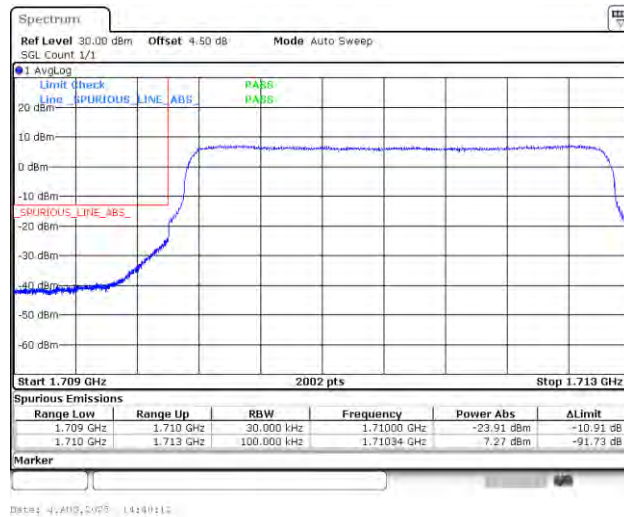
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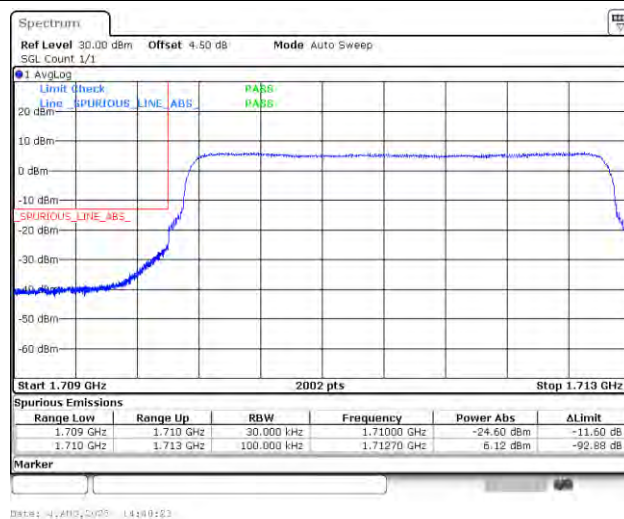
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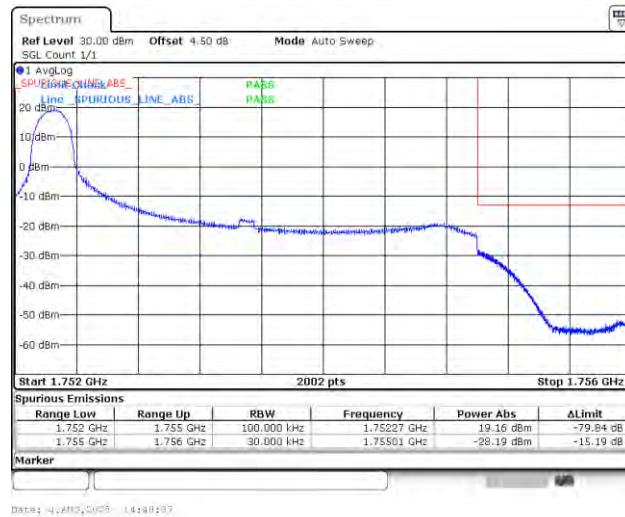
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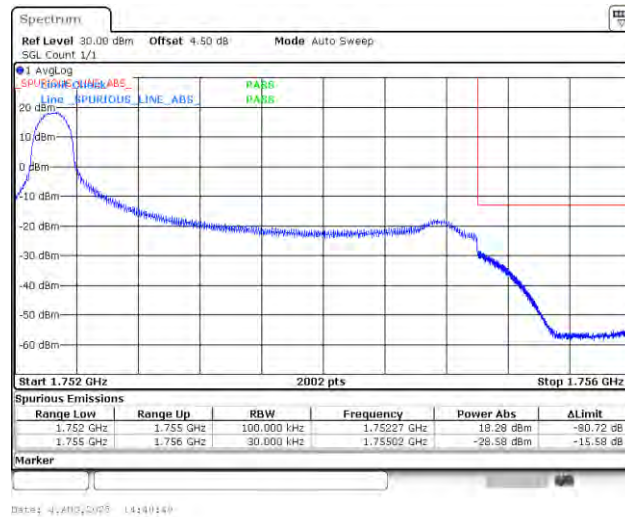
Band4_3MHz_QPSK_19965_15RB#0



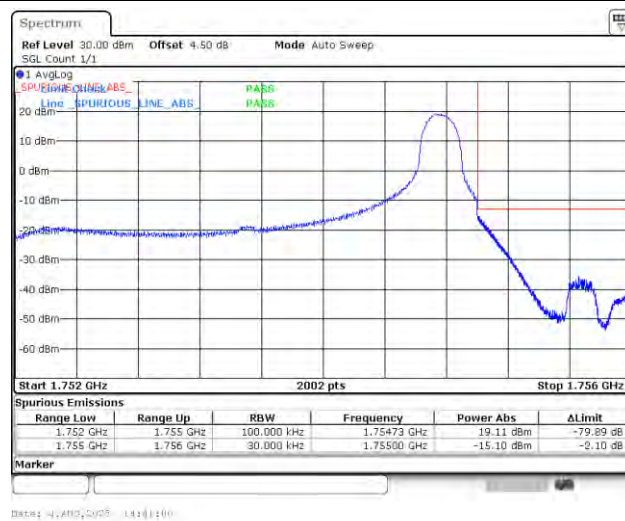
Band4_3MHz_16QAM_19965_15RB#0



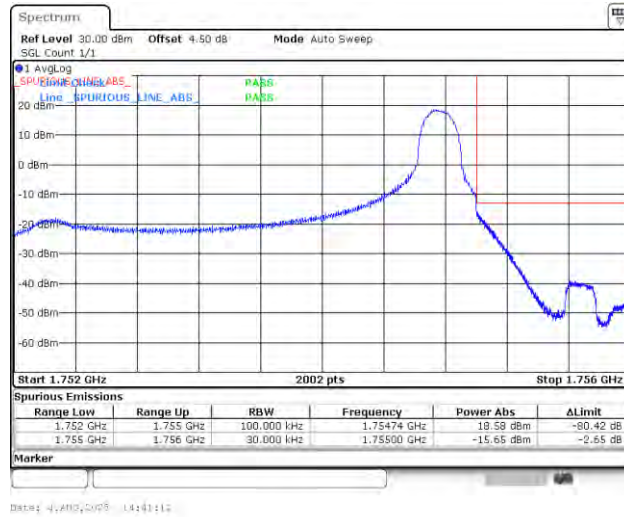
Band4_3MHz_QPSK_20385_1RB#0



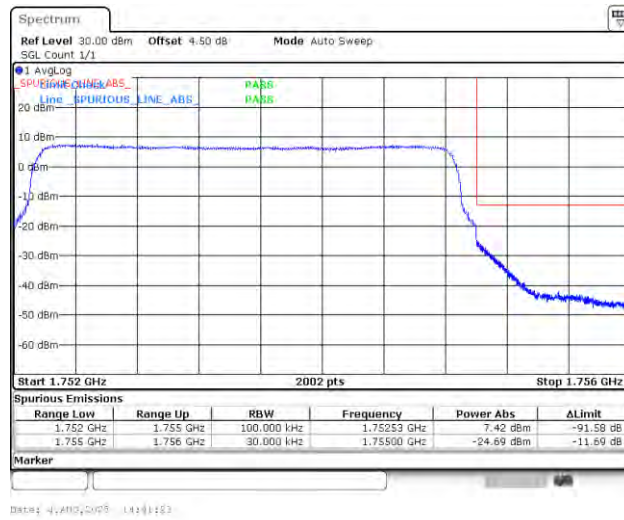
Band4_3MHz_16QAM_20385_1RB#0



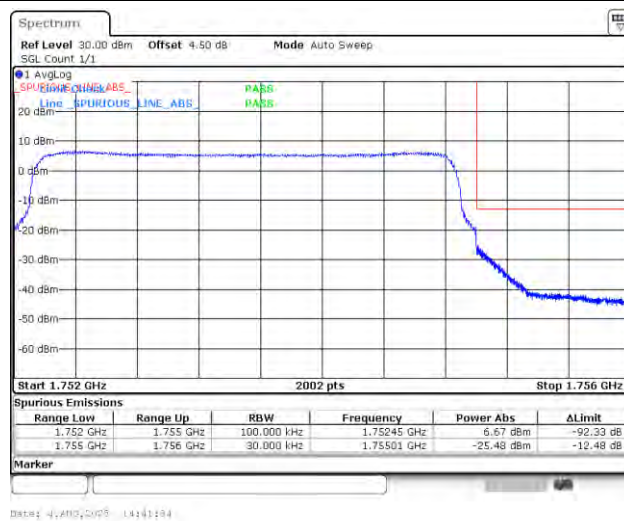
Band4_3MHz_QPSK_20385_1RB#14



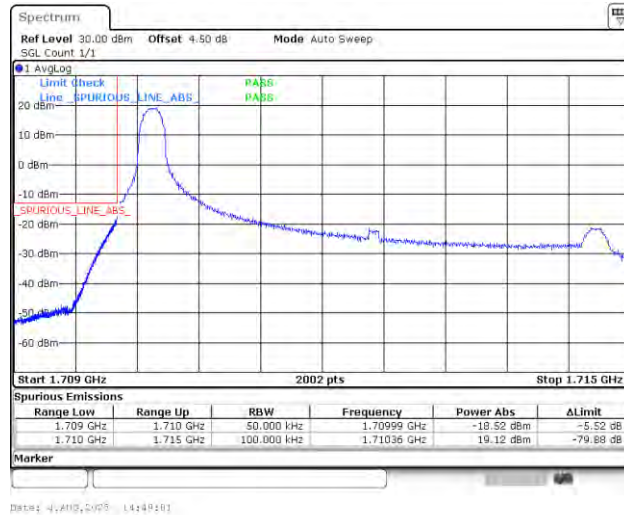
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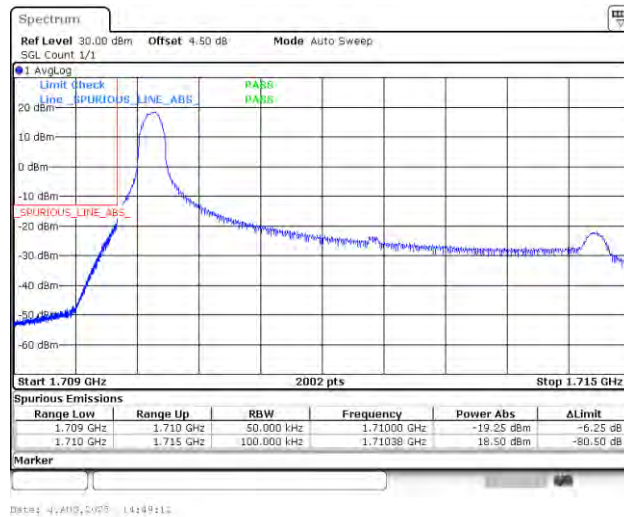
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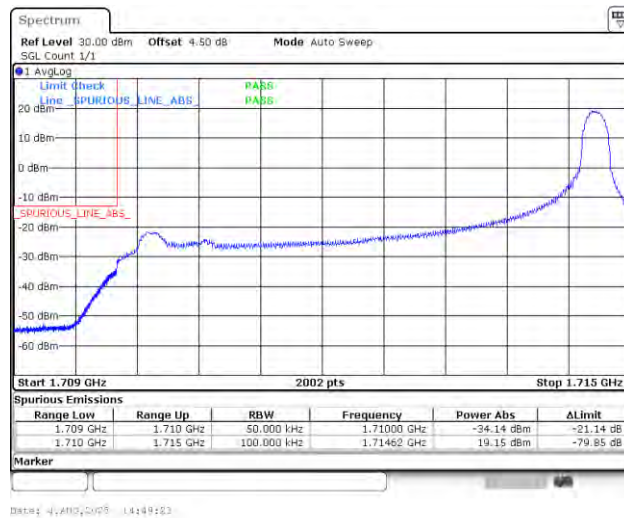
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Band4_5MHz_QPSK_19975_1RB#0



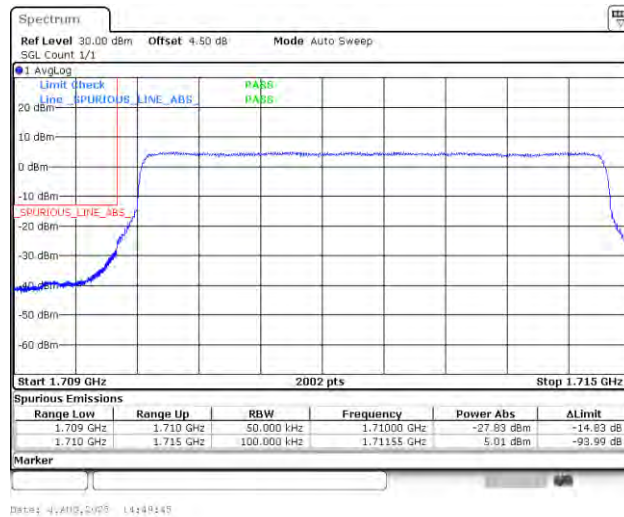
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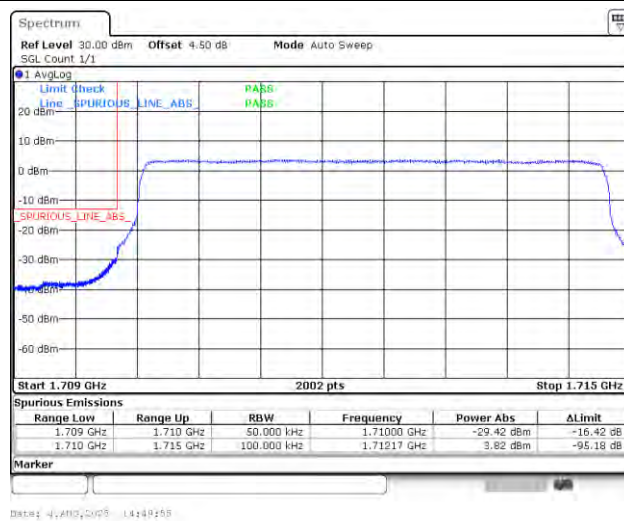
Band4_5MHz_QPSK_19975_1RB#24



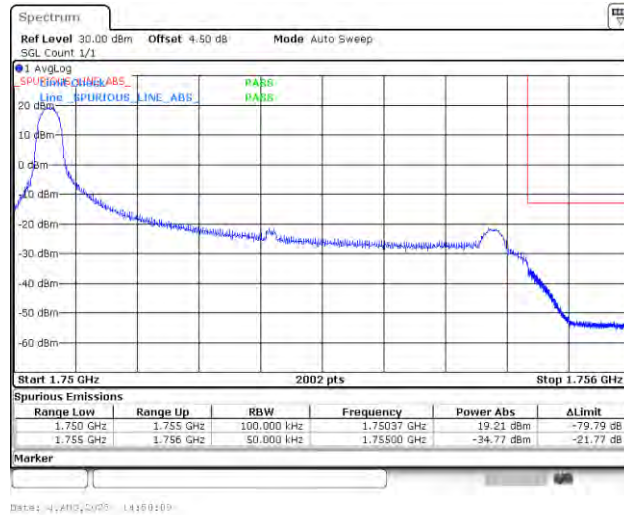
Band4_5MHz_16QAM_19975_1RB#24



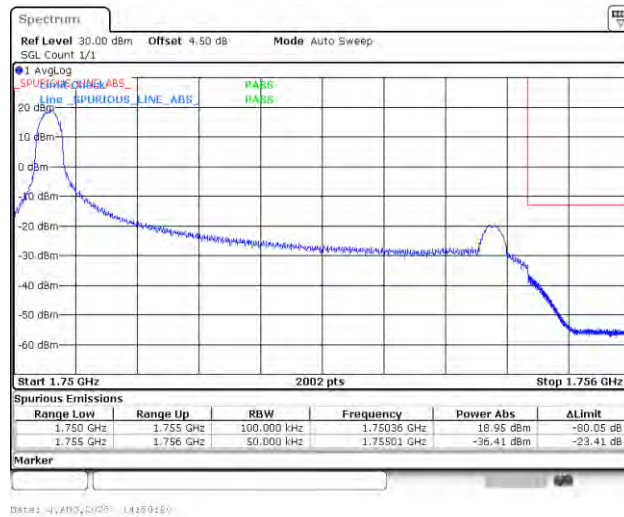
Band4_5MHz_QPSK_19975_25RB#0



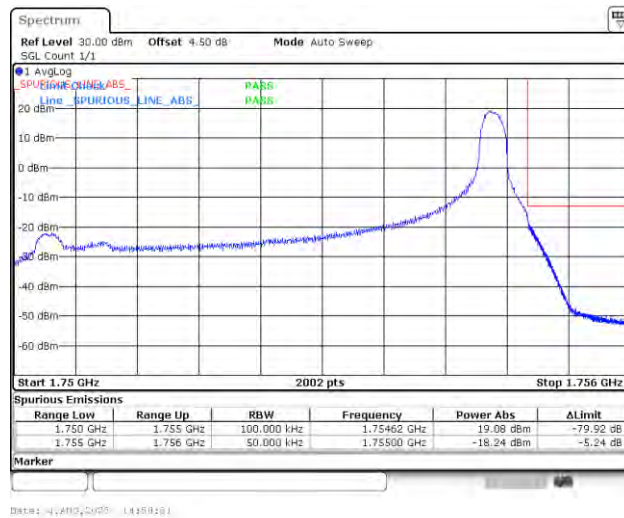
Band4_5MHz_16QAM_19975_25RB#0



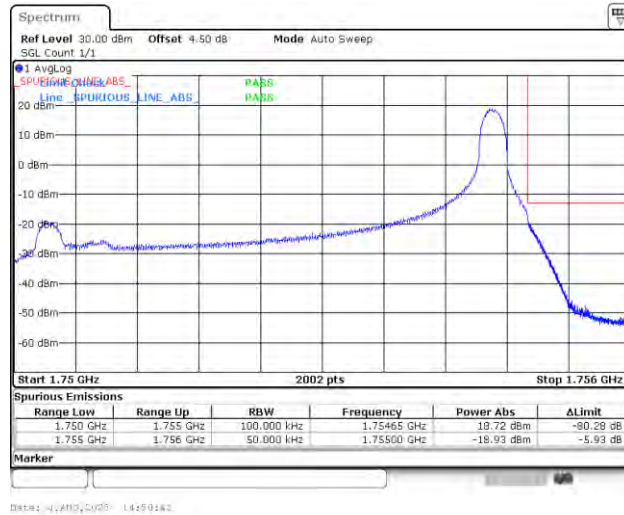
Band4_5MHz_QPSK_20375_1RB#0



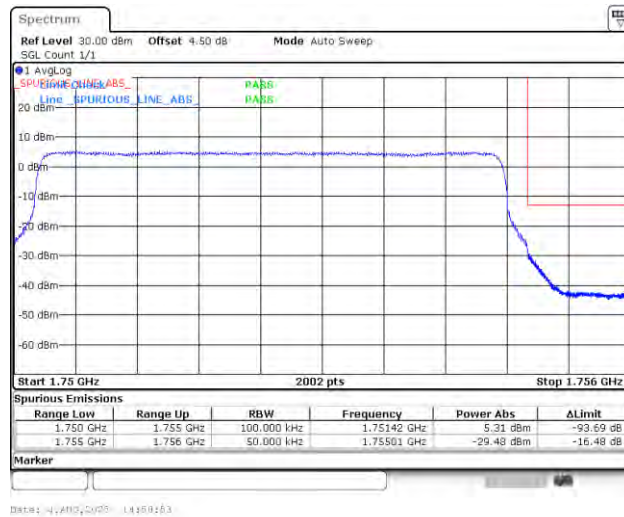
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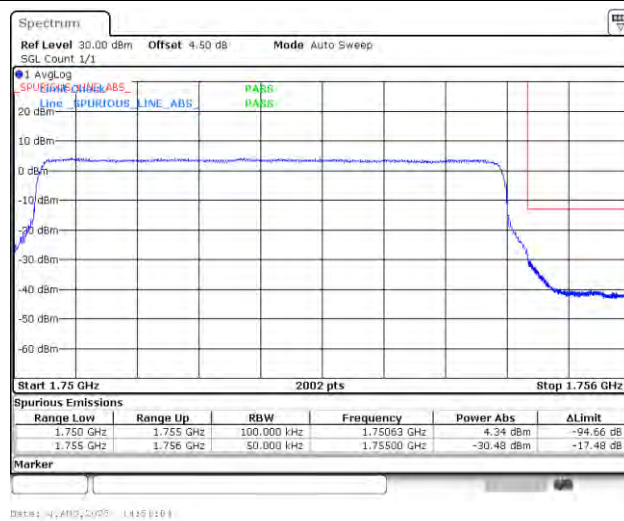
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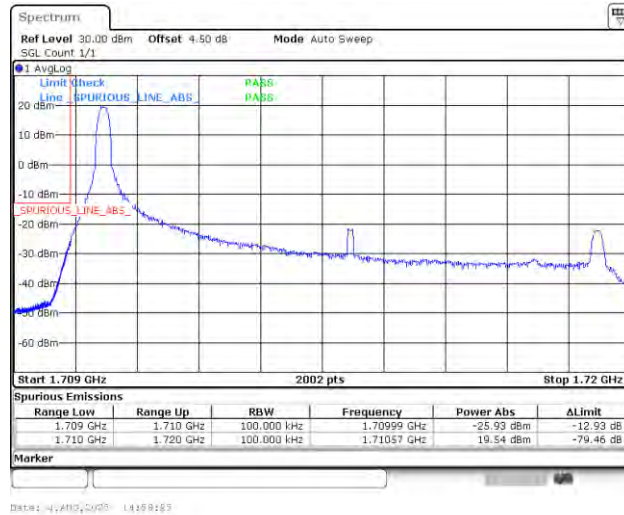
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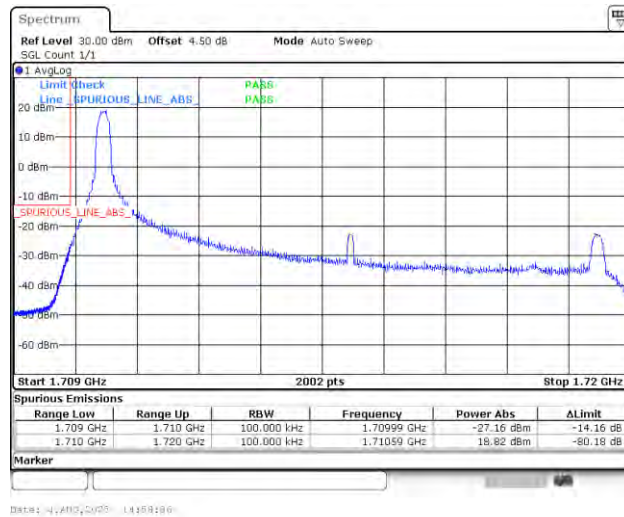
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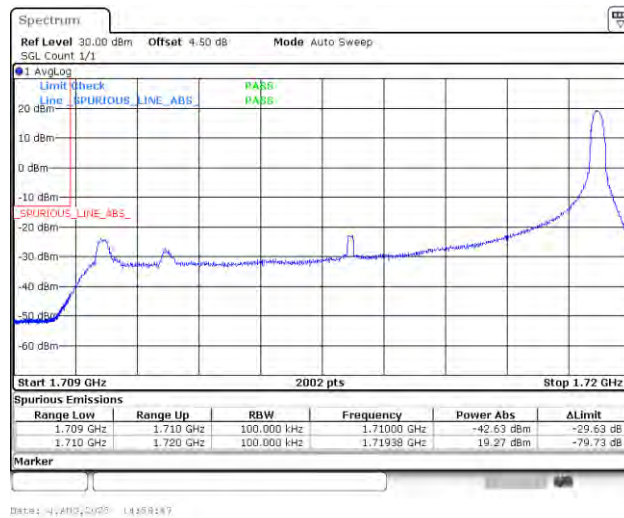
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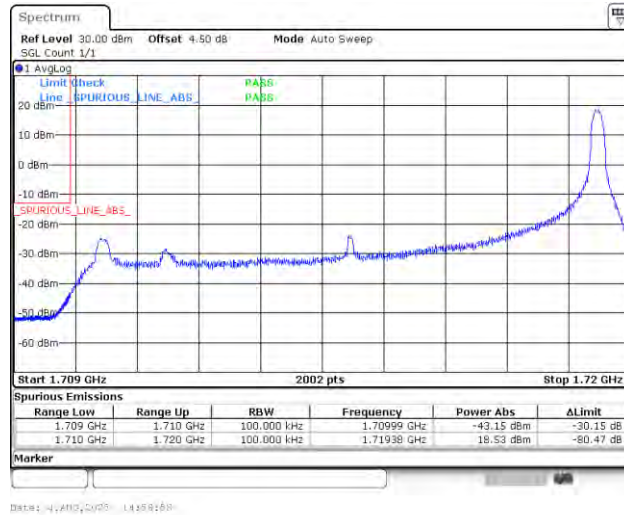
Band4_10MHz_QPSK_20000_1RB#0



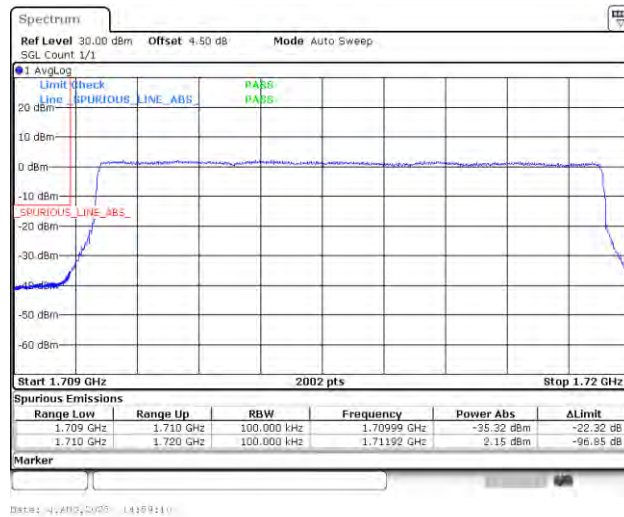
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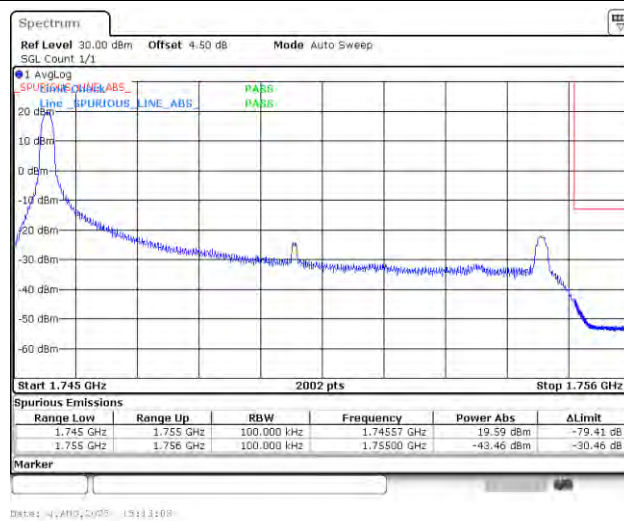
Band4_10MHz_QPSK_20000_1RB#49



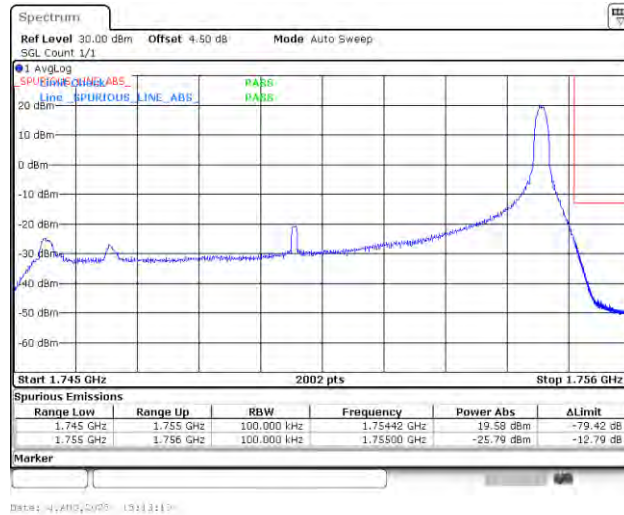
Band4_10MHz_16QAM_20000_1RB#49



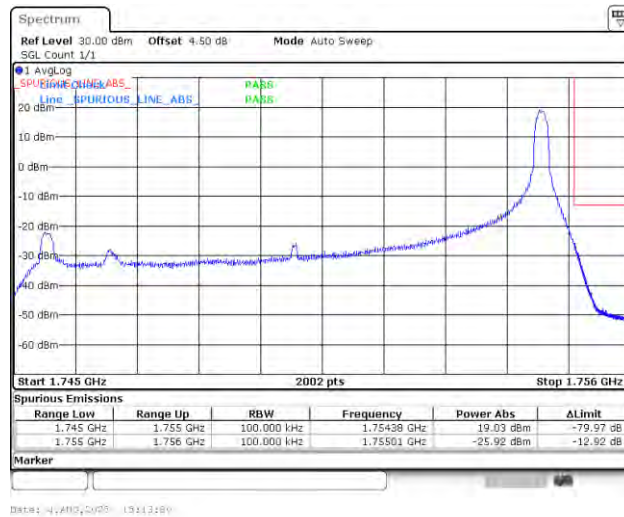
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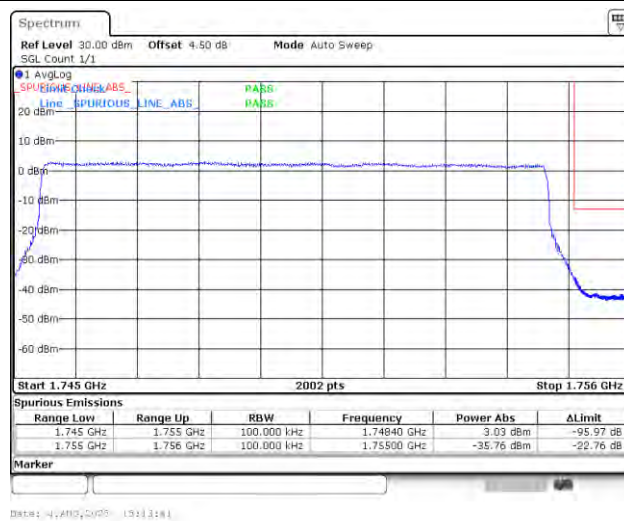
Band4_10MHz_16QAM_20350_1RB#0



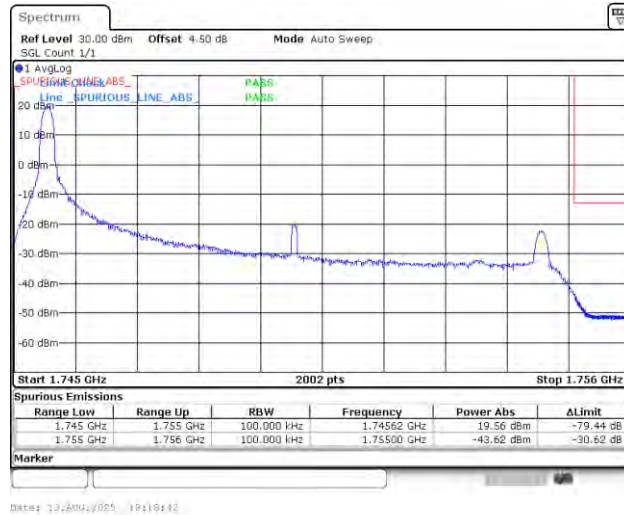
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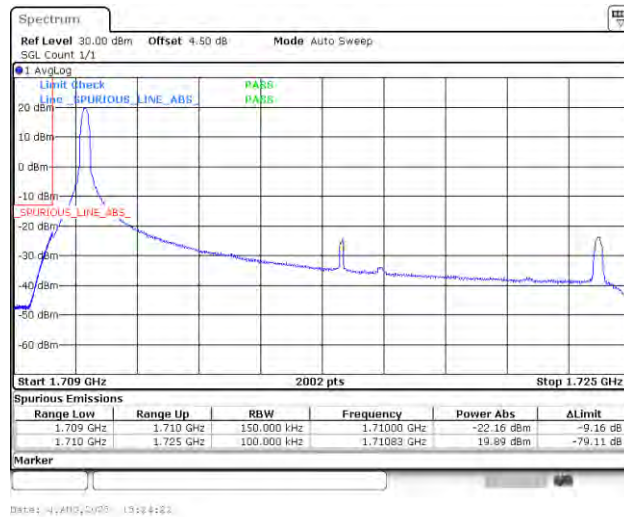
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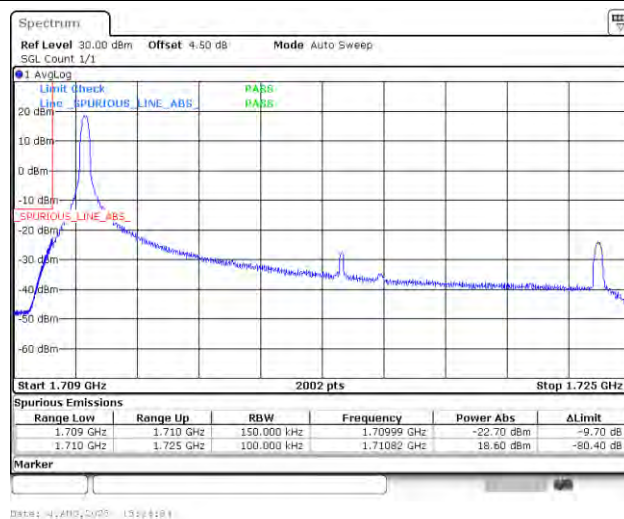
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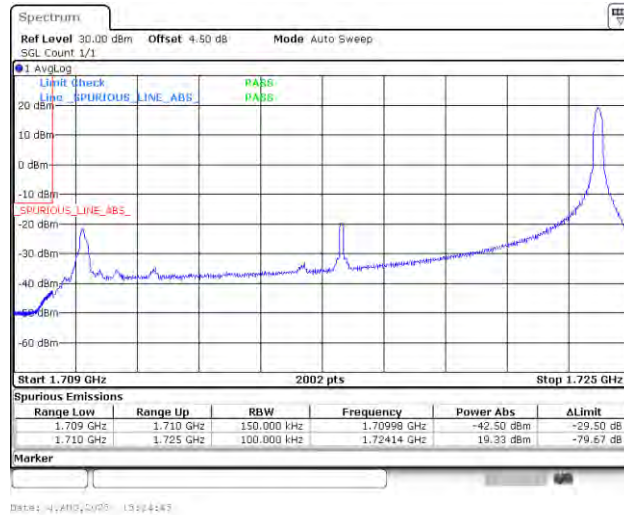
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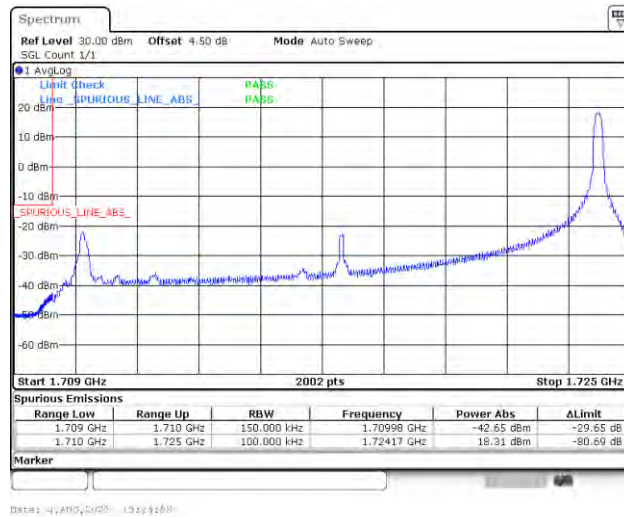
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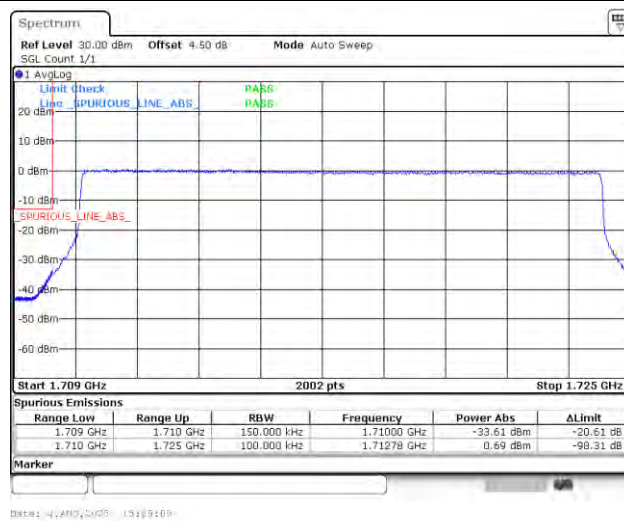
Band4_15MHz_16QAM_20025_1RB#0



Band4_15MHz_QPSK_20025_1RB#74



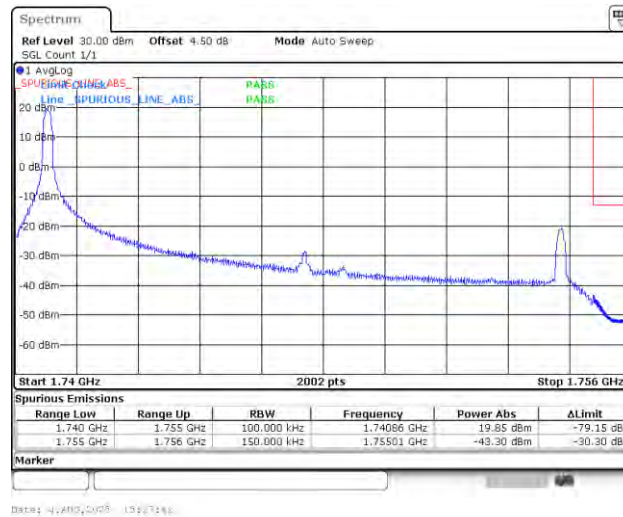
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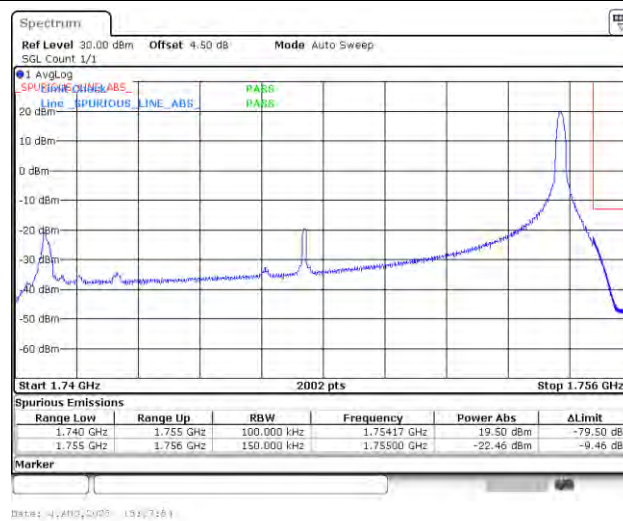
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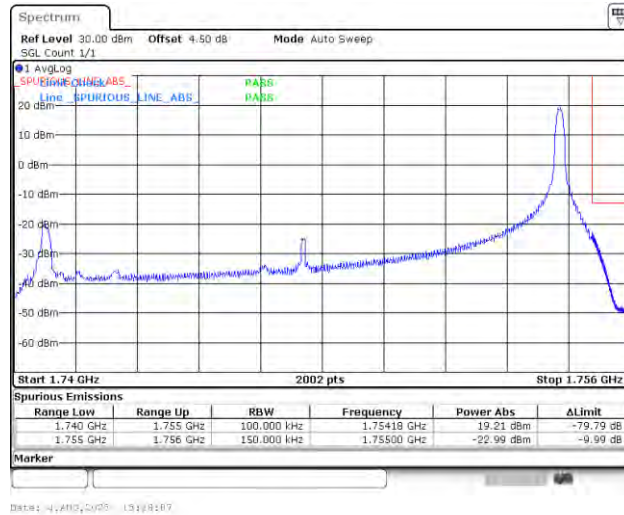
Band4_15MHz_QPSK_20325_1RB#0



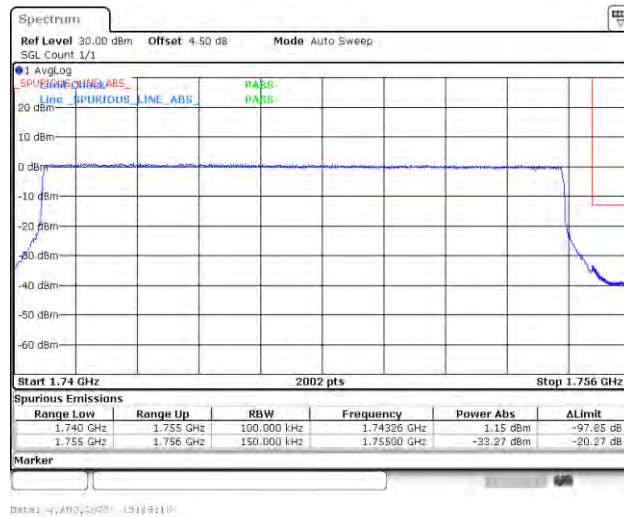
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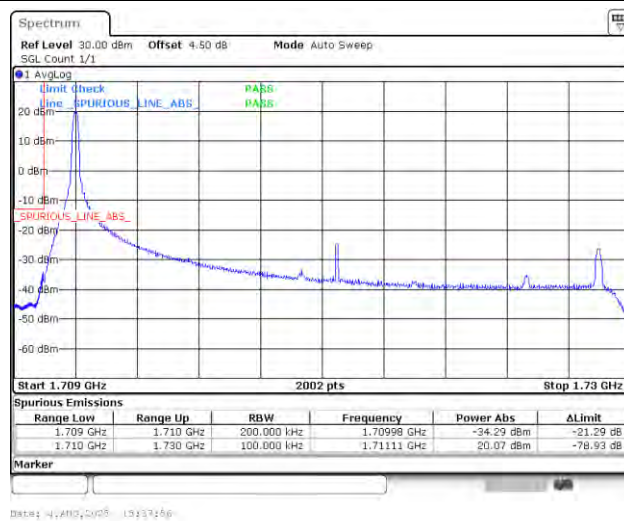
Band4_15MHz_QPSK_20325_1RB#74



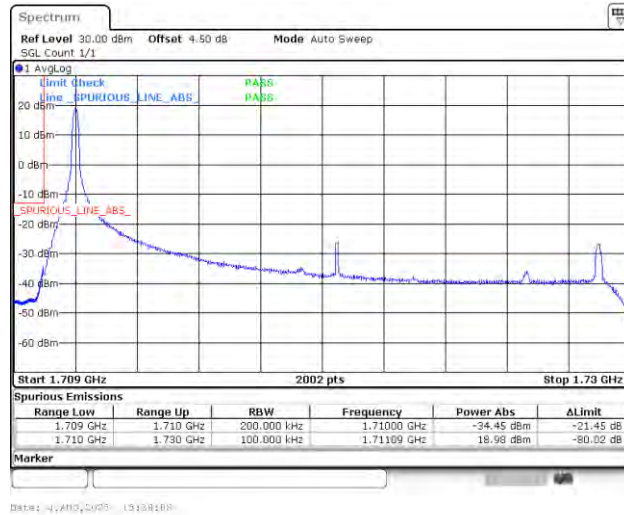
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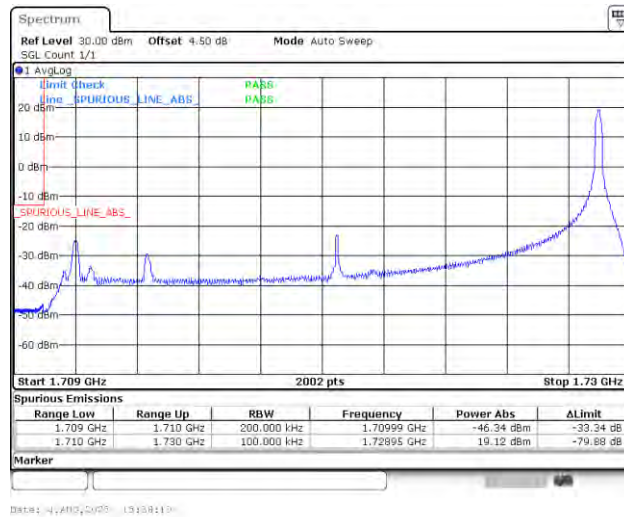
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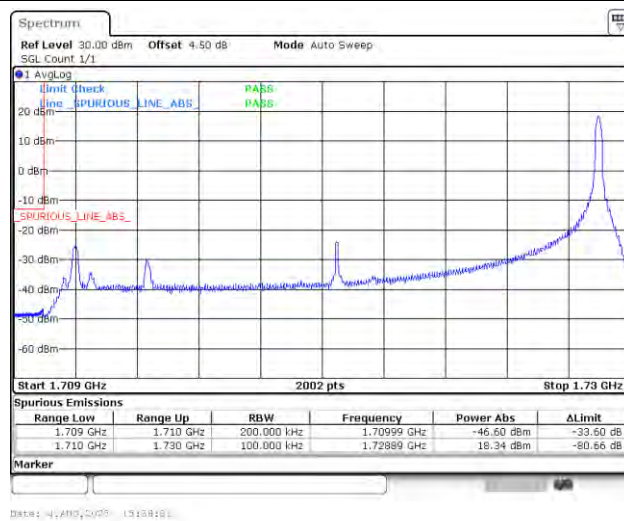
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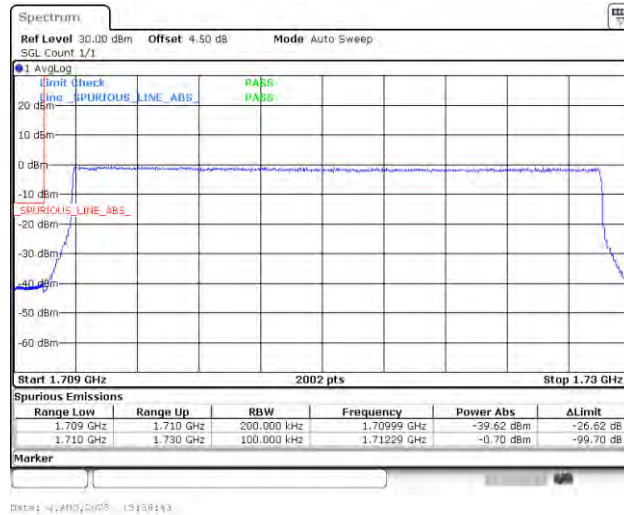
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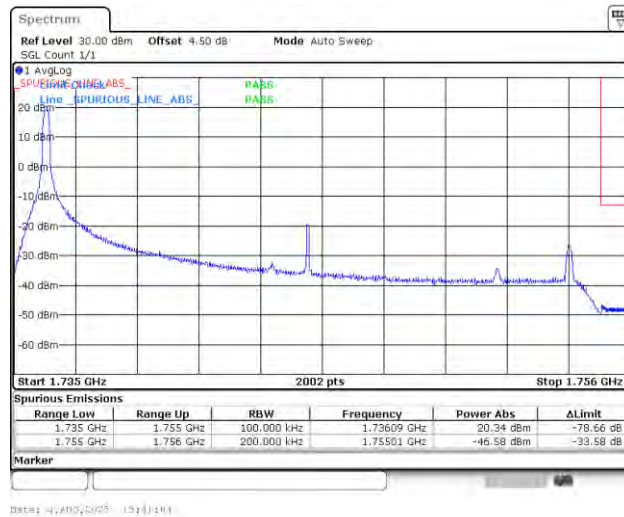
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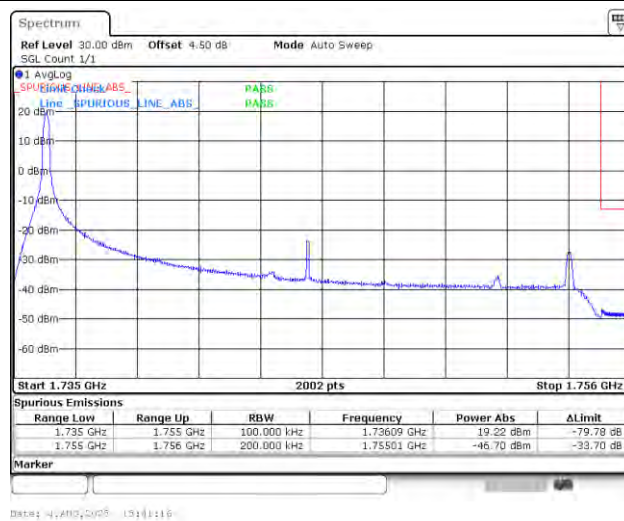
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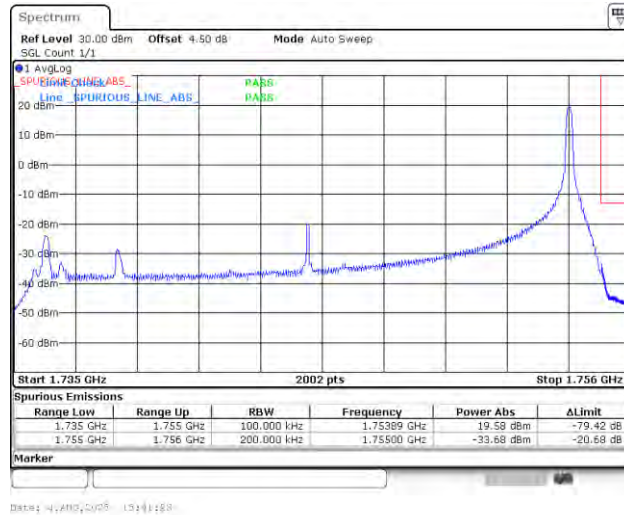
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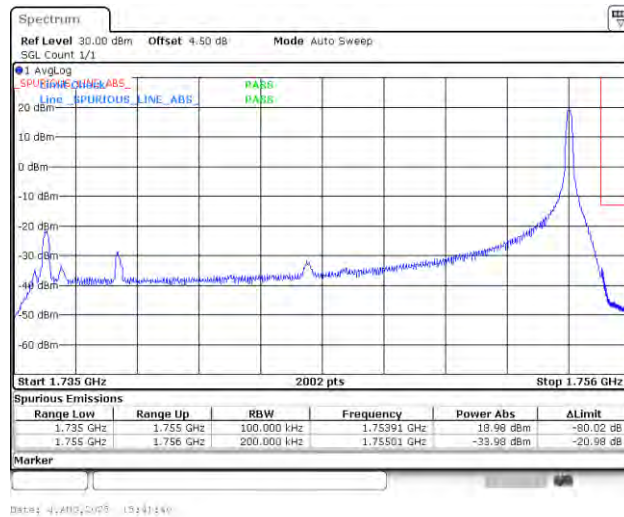
Band4_20MHz_QPSK_20300_1RB#0



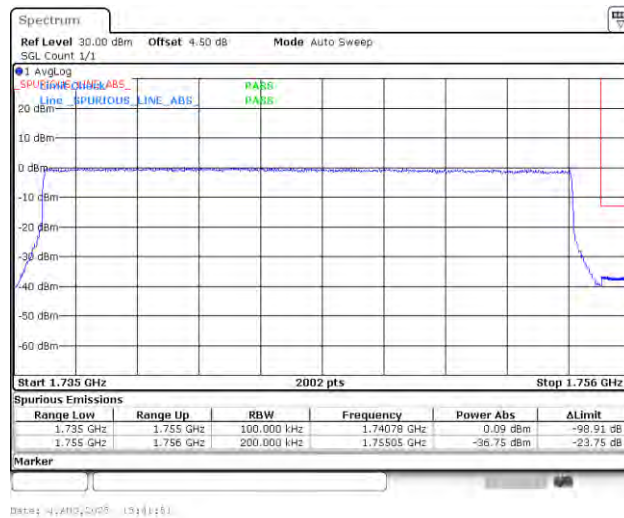
Band4_20MHz_16QAM_20300_1RB#0



Band4_20MHz_QPSK_20300_1RB#99



Band4_20MHz_16QAM_20300_1RB#99



Band4_20MHz_QPSK_20300_100RB#0

Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	0.009~0.15	-60.03	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	0.15~30	-63.35	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	30~1000	-64.39	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	1000~3000	-48.40	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	3000~20000	-48.46	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	0.009~0.15	-60.76	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	0.15~30	-62.42	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	30~1000	-64.32	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	1000~3000	-48.04	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	3000~20000	-48.55	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	0.009~0.15	-59.62	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	0.15~30	-61.55	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	30~1000	-64.44	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	1000~3000	-46.20	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	3000~20000	-43.92	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	0.009~0.15	-58.08	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	0.15~30	-65.94	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	30~1000	-64.27	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	1000~3000	-45.98	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	3000~20000	-45.29	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	0.009~0.15	-60.22	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	0.15~30	-64.33	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	30~1000	-64.04	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	1000~3000	-48.71	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	3000~20000	-41.21	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	0.009~0.15	-59.76	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	0.15~30	-65.71	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	30~1000	-63.79	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	1000~3000	-49.17	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	3000~20000	-41.47	PASS
Band4	3MHz	QPSK	19965	1RB#0	0.15~30	-62.22	PASS
Band4	3MHz	QPSK	19965	1RB#0	30~1000	-64.13	PASS
Band4	3MHz	QPSK	19965	1RB#0	1000~3000	-49.62	PASS
Band4	3MHz	QPSK	19965	1RB#0	3000~20000	-48.63	PASS
Band4	3MHz	16QAM	19965	1RB#0	0.009~0.15	-58.86	PASS
Band4	3MHz	QPSK	19965	1RB#0	0.009~0.15	-58.36	PASS
Band4	3MHz	16QAM	19965	1RB#0	0.15~30	-64.33	PASS

Band4	3MHz	16QAM	19965	1RB#0	30~1000	-64.29	PASS
Band4	3MHz	16QAM	19965	1RB#0	1000~3000	-50.52	PASS
Band4	3MHz	16QAM	19965	1RB#0	3000~20000	-48.58	PASS
Band4	3MHz	QPSK	20175	1RB#0	0.009~0.15	-60.28	PASS
Band4	3MHz	QPSK	20175	1RB#0	0.15~30	-63.00	PASS
Band4	3MHz	QPSK	20175	1RB#0	30~1000	-64.18	PASS
Band4	3MHz	QPSK	20175	1RB#0	1000~3000	-49.53	PASS
Band4	3MHz	QPSK	20175	1RB#0	3000~20000	-42.59	PASS
Band4	3MHz	16QAM	20175	1RB#0	0.009~0.15	-59.70	PASS
Band4	3MHz	16QAM	20175	1RB#0	0.15~30	-66.31	PASS
Band4	3MHz	16QAM	20175	1RB#0	30~1000	-64.09	PASS
Band4	3MHz	16QAM	20175	1RB#0	1000~3000	-50.38	PASS
Band4	3MHz	16QAM	20175	1RB#0	3000~20000	-46.28	PASS
Band4	3MHz	QPSK	20385	1RB#0	0.009~0.15	-59.15	PASS
Band4	3MHz	QPSK	20385	1RB#0	0.15~30	-64.20	PASS
Band4	3MHz	QPSK	20385	1RB#0	30~1000	-64.22	PASS
Band4	3MHz	QPSK	20385	1RB#0	1000~3000	-49.63	PASS
Band4	3MHz	QPSK	20385	1RB#0	3000~20000	-41.97	PASS
Band4	3MHz	16QAM	20385	1RB#0	0.009~0.15	-59.57	PASS
Band4	3MHz	16QAM	20385	1RB#0	0.15~30	-63.75	PASS
Band4	3MHz	16QAM	20385	1RB#0	30~1000	-64.45	PASS
Band4	3MHz	16QAM	20385	1RB#0	1000~3000	-45.97	PASS
Band4	3MHz	16QAM	20385	1RB#0	3000~20000	-41.49	PASS
Band4	5MHz	QPSK	19975	1RB#0	0.009~0.15	-60.00	PASS
Band4	5MHz	QPSK	19975	1RB#0	0.15~30	-61.02	PASS
Band4	5MHz	QPSK	19975	1RB#0	30~1000	-64.41	PASS
Band4	5MHz	QPSK	19975	1RB#0	1000~3000	-51.41	PASS
Band4	5MHz	QPSK	19975	1RB#0	3000~20000	-48.51	PASS
Band4	5MHz	16QAM	19975	1RB#0	0.009~0.15	-59.89	PASS
Band4	5MHz	16QAM	19975	1RB#0	0.15~30	-62.95	PASS
Band4	5MHz	16QAM	19975	1RB#0	30~1000	-64.35	PASS
Band4	5MHz	16QAM	19975	1RB#0	1000~3000	-52.77	PASS
Band4	5MHz	16QAM	19975	1RB#0	3000~20000	-48.44	PASS
Band4	5MHz	QPSK	20175	1RB#0	0.009~0.15	-62.07	PASS
Band4	5MHz	QPSK	20175	1RB#0	0.15~30	-65.53	PASS
Band4	5MHz	QPSK	20175	1RB#0	30~1000	-64.25	PASS
Band4	5MHz	QPSK	20175	1RB#0	1000~3000	-51.68	PASS
Band4	5MHz	QPSK	20175	1RB#0	3000~20000	-45.70	PASS
Band4	5MHz	16QAM	20175	1RB#0	0.009~0.15	-59.21	PASS
Band4	5MHz	16QAM	20175	1RB#0	0.15~30	-64.48	PASS
Band4	5MHz	16QAM	20175	1RB#0	30~1000	-64.18	PASS
Band4	5MHz	16QAM	20175	1RB#0	1000~3000	-52.42	PASS
Band4	5MHz	16QAM	20175	1RB#0	3000~20000	-46.80	PASS

Band4	5MHz	QPSK	20375	1RB#0	0.009~0.15	-60.70	PASS
Band4	5MHz	QPSK	20375	1RB#0	0.15~30	-63.44	PASS
Band4	5MHz	QPSK	20375	1RB#0	30~1000	-64.06	PASS
Band4	5MHz	QPSK	20375	1RB#0	1000~3000	-51.30	PASS
Band4	5MHz	QPSK	20375	1RB#0	3000~20000	-42.67	PASS
Band4	5MHz	16QAM	20375	1RB#0	0.009~0.15	-58.51	PASS
Band4	5MHz	16QAM	20375	1RB#0	0.15~30	-64.69	PASS
Band4	5MHz	16QAM	20375	1RB#0	30~1000	-64.06	PASS
Band4	5MHz	16QAM	20375	1RB#0	1000~3000	-49.53	PASS
Band4	5MHz	16QAM	20375	1RB#0	3000~20000	-41.49	PASS
Band4	10MHz	QPSK	20000	1RB#0	0.009~0.15	-58.29	PASS
Band4	10MHz	QPSK	20000	1RB#0	0.15~30	-61.46	PASS
Band4	10MHz	QPSK	20000	1RB#0	30~1000	-64.09	PASS
Band4	10MHz	QPSK	20000	1RB#0	1000~3000	-47.56	PASS
Band4	10MHz	QPSK	20000	1RB#0	3000~20000	-47.26	PASS
Band4	10MHz	16QAM	20000	1RB#0	0.009~0.15	-60.26	PASS
Band4	10MHz	16QAM	20000	1RB#0	0.15~30	-62.52	PASS
Band4	10MHz	16QAM	20000	1RB#0	30~1000	-64.20	PASS
Band4	10MHz	16QAM	20000	1RB#0	1000~3000	-51.16	PASS
Band4	10MHz	16QAM	20000	1RB#0	3000~20000	-48.53	PASS
Band4	10MHz	QPSK	20175	1RB#0	0.009~0.15	-59.42	PASS
Band4	10MHz	QPSK	20175	1RB#0	0.15~30	-64.40	PASS
Band4	10MHz	QPSK	20175	1RB#0	30~1000	-64.12	PASS
Band4	10MHz	QPSK	20175	1RB#0	1000~3000	-48.57	PASS
Band4	10MHz	QPSK	20175	1RB#0	3000~20000	-45.34	PASS
Band4	10MHz	16QAM	20175	1RB#0	0.009~0.15	-60.03	PASS
Band4	10MHz	16QAM	20175	1RB#0	0.15~30	-64.59	PASS
Band4	10MHz	16QAM	20175	1RB#0	30~1000	-64.17	PASS
Band4	10MHz	16QAM	20175	1RB#0	1000~3000	-48.75	PASS
Band4	10MHz	16QAM	20175	1RB#0	3000~20000	-46.88	PASS
Band4	10MHz	QPSK	20350	1RB#0	0.009~0.15	-62.25	PASS
Band4	10MHz	QPSK	20350	1RB#0	0.15~30	-67.64	PASS
Band4	10MHz	QPSK	20350	1RB#0	30~1000	-64.30	PASS
Band4	10MHz	QPSK	20350	1RB#0	1000~3000	-50.99	PASS
Band4	10MHz	QPSK	20350	1RB#0	3000~20000	-43.03	PASS
Band4	10MHz	16QAM	20350	1RB#0	0.009~0.15	-59.96	PASS
Band4	10MHz	16QAM	20350	1RB#0	0.15~30	-64.21	PASS
Band4	10MHz	16QAM	20350	1RB#0	30~1000	-64.20	PASS
Band4	10MHz	16QAM	20350	1RB#0	1000~3000	-47.27	PASS
Band4	10MHz	16QAM	20350	1RB#0	3000~20000	-43.41	PASS
Band4	15MHz	QPSK	20025	1RB#0	0.009~0.15	-60.68	PASS
Band4	15MHz	QPSK	20025	1RB#0	0.15~30	-60.25	PASS
Band4	15MHz	QPSK	20025	1RB#0	30~1000	-64.23	PASS

Band4	15MHz	QPSK	20025	1RB#0	1000~3000	-45.91	PASS
Band4	15MHz	QPSK	20025	1RB#0	3000~20000	-47.26	PASS
Band4	15MHz	16QAM	20025	1RB#0	0.009~0.15	-57.65	PASS
Band4	15MHz	16QAM	20025	1RB#0	0.15~30	-61.77	PASS
Band4	15MHz	16QAM	20025	1RB#0	30~1000	-64.12	PASS
Band4	15MHz	16QAM	20025	1RB#0	1000~3000	-46.94	PASS
Band4	15MHz	16QAM	20025	1RB#0	3000~20000	-48.38	PASS
Band4	15MHz	QPSK	20175	1RB#0	0.009~0.15	-61.22	PASS
Band4	15MHz	QPSK	20175	1RB#0	0.15~30	-62.30	PASS
Band4	15MHz	QPSK	20175	1RB#0	30~1000	-64.30	PASS
Band4	15MHz	QPSK	20175	1RB#0	1000~3000	-45.50	PASS
Band4	15MHz	QPSK	20175	1RB#0	3000~20000	-45.69	PASS
Band4	15MHz	16QAM	20175	1RB#0	0.009~0.15	-58.60	PASS
Band4	15MHz	16QAM	20175	1RB#0	0.15~30	-62.25	PASS
Band4	15MHz	16QAM	20175	1RB#0	30~1000	-64.29	PASS
Band4	15MHz	16QAM	20175	1RB#0	1000~3000	-46.94	PASS
Band4	15MHz	16QAM	20175	1RB#0	3000~20000	-47.92	PASS
Band4	15MHz	QPSK	20325	1RB#0	0.009~0.15	-58.06	PASS
Band4	15MHz	QPSK	20325	1RB#0	0.15~30	-63.95	PASS
Band4	15MHz	QPSK	20325	1RB#0	30~1000	-63.90	PASS
Band4	15MHz	QPSK	20325	1RB#0	1000~3000	-49.92	PASS
Band4	15MHz	QPSK	20325	1RB#0	3000~20000	-42.67	PASS
Band4	15MHz	16QAM	20325	1RB#0	0.009~0.15	-60.38	PASS
Band4	15MHz	16QAM	20325	1RB#0	0.15~30	-61.61	PASS
Band4	15MHz	16QAM	20325	1RB#0	30~1000	-64.28	PASS
Band4	15MHz	16QAM	20325	1RB#0	1000~3000	-45.31	PASS
Band4	15MHz	16QAM	20325	1RB#0	3000~20000	-44.57	PASS
Band4	20MHz	QPSK	20050	1RB#0	0.009~0.15	-58.33	PASS
Band4	20MHz	QPSK	20050	1RB#0	0.15~30	-62.90	PASS
Band4	20MHz	QPSK	20050	1RB#0	30~1000	-64.14	PASS
Band4	20MHz	QPSK	20050	1RB#0	1000~3000	-45.51	PASS
Band4	20MHz	QPSK	20050	1RB#0	3000~20000	-48.47	PASS
Band4	20MHz	16QAM	20050	1RB#0	0.009~0.15	-60.10	PASS
Band4	20MHz	16QAM	20050	1RB#0	0.15~30	-60.77	PASS
Band4	20MHz	16QAM	20050	1RB#0	30~1000	-64.19	PASS
Band4	20MHz	16QAM	20050	1RB#0	1000~3000	-46.48	PASS
Band4	20MHz	16QAM	20050	1RB#0	3000~20000	-48.47	PASS
Band4	20MHz	QPSK	20175	1RB#0	0.009~0.15	-60.56	PASS
Band4	20MHz	QPSK	20175	1RB#0	0.15~30	-62.63	PASS
Band4	20MHz	QPSK	20175	1RB#0	30~1000	-64.26	PASS
Band4	20MHz	QPSK	20175	1RB#0	1000~3000	-47.13	PASS
Band4	20MHz	QPSK	20175	1RB#0	3000~20000	-43.68	PASS
Band4	20MHz	16QAM	20175	1RB#0	0.009~0.15	-59.32	PASS