

APPENDIX A: TEST RESULTS FOR UTRA OPERATING BAND 2

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APPENDIX A.1: EFFECTIVE (ISOTROPIC) RADIATED POWER

Test Result

WCDMA

Band	Channel	Power(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band2	9262	23.04	26.44	33	PASS
Band2	9400	23.10	26.50	33	PASS
Band2	9538	22.97	26.37	33	PASS

HSDPA

Band	Channel	SubTest	Power(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band2	9262	1	22.03	25.43	33	PASS
Band2	9262	2	21.65	25.05	33	PASS
Band2	9262	3	21.46	24.86	33	PASS
Band2	9262	4	21.50	24.9	33	PASS
Band2	9400	1	22.03	25.43	33	PASS
Band2	9400	2	21.59	24.99	33	PASS
Band2	9400	3	21.49	24.89	33	PASS
Band2	9400	4	21.46	24.86	33	PASS
Band2	9538	1	21.90	25.3	33	PASS
Band2	9538	2	21.41	24.81	33	PASS
Band2	9538	3	21.45	24.85	33	PASS
Band2	9538	4	21.42	24.82	33	PASS

HSUPA

Band	Channel	SubTest	Power(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band2	9262	1	21.75	25.15	33	PASS
Band2	9262	2	21.03	24.43	33	PASS
Band2	9262	3	20.29	23.69	33	PASS
Band2	9262	4	21.06	24.46	33	PASS
Band2	9262	5	21.91	25.31	33	PASS
Band2	9400	1	21.26	24.66	33	PASS
Band2	9400	2	20.92	24.32	33	PASS
Band2	9400	3	20.88	24.28	33	PASS
Band2	9400	4	21.09	24.49	33	PASS
Band2	9400	5	22.13	25.53	33	PASS
Band2	9538	1	21.62	25.02	33	PASS
Band2	9538	2	20.94	24.34	33	PASS
Band2	9538	3	19.97	23.37	33	PASS
Band2	9538	4	20.92	24.32	33	PASS
Band2	9538	5	22.02	25.42	33	PASS

APPENDIX A.2: PEAK-TO AVERAGE RATIO

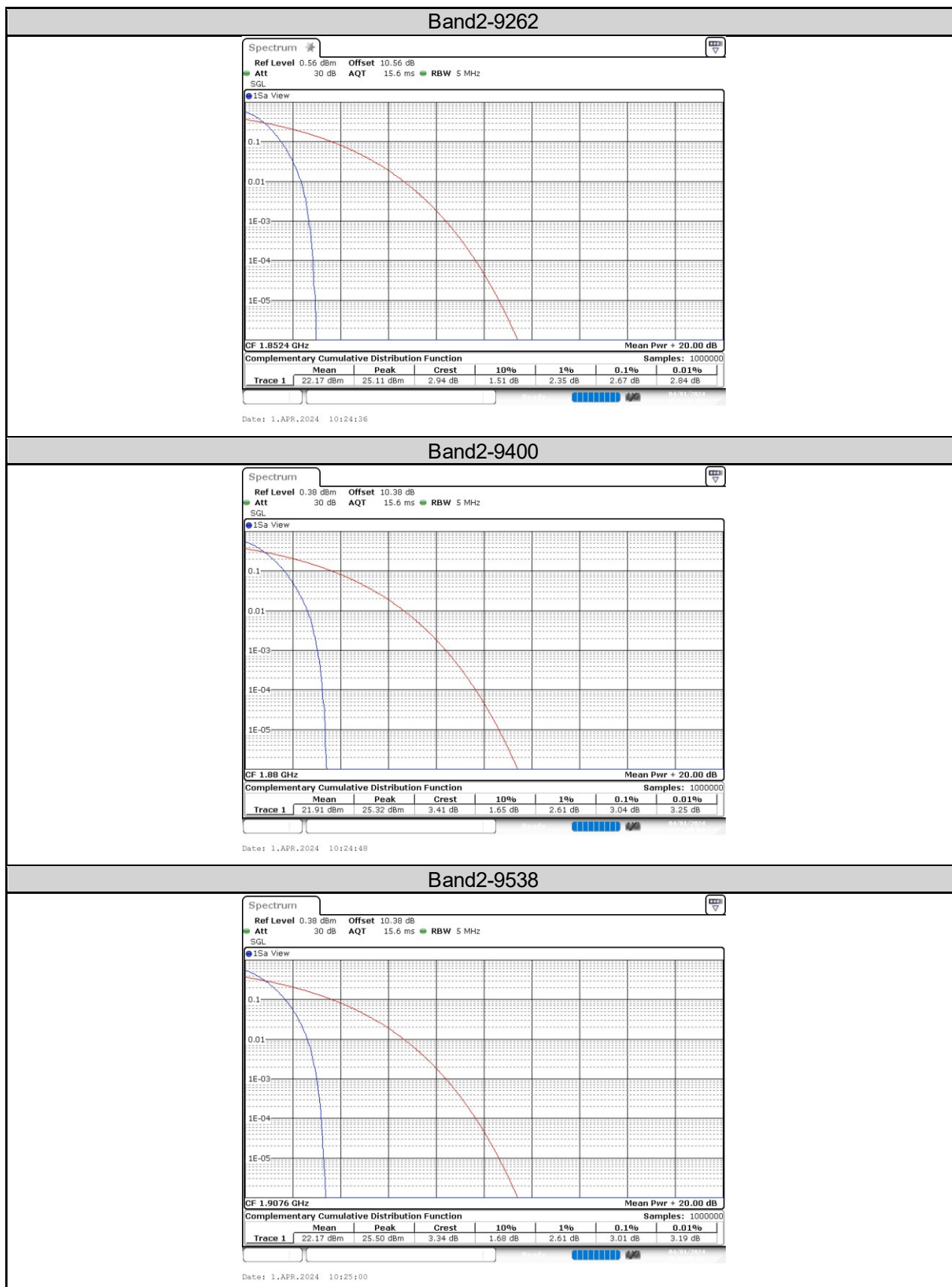
Test Result

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dBm)	Verdict
Band2	9262	2.67	13	PASS
Band2	9400	3.04	13	PASS
Band2	9538	3.01	13	PASS

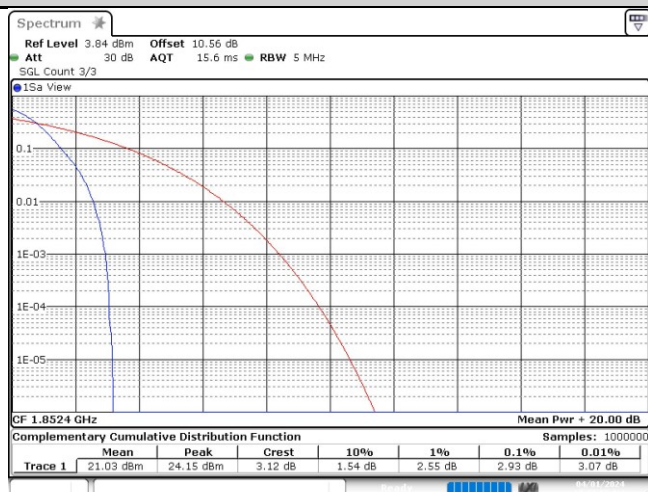
Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9262	1	2.93	13	PASS
Band2	9262	2	3.13	13	PASS
Band2	9262	3	3.28	13	PASS
Band2	9262	4	3.33	13	PASS
Band2	9400	1	3.19	13	PASS
Band2	9400	2	3.3	13	PASS
Band2	9400	3	3.45	13	PASS
Band2	9400	4	3.51	13	PASS
Band2	9538	1	3.25	13	PASS
Band2	9538	2	3.42	13	PASS
Band2	9538	3	3.57	13	PASS
Band2	9538	4	3.62	13	PASS

Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9262	1	4.17	13	PASS
Band2	9262	2	4.78	13	PASS
Band2	9262	3	4.99	13	PASS
Band2	9262	4	4.52	13	PASS
Band2	9262	5	3.8	13	PASS
Band2	9400	1	4.55	13	PASS
Band2	9400	2	5.48	13	PASS
Band2	9400	3	5.07	13	PASS
Band2	9400	4	5.59	13	PASS
Band2	9400	5	4.67	13	PASS
Band2	9538	1	4.61	13	PASS
Band2	9538	2	5.48	13	PASS
Band2	9538	3	5.04	13	PASS
Band2	9538	4	5.59	13	PASS
Band2	9538	5	4.7	13	PASS

Test Graphs



Band2-9262-1



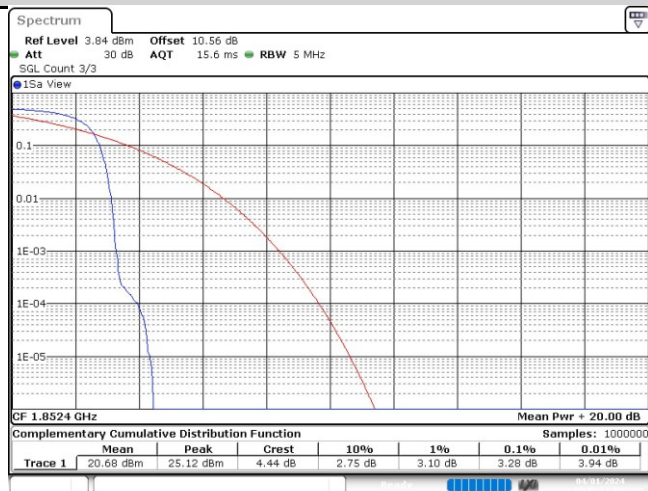
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Band2-9262-2



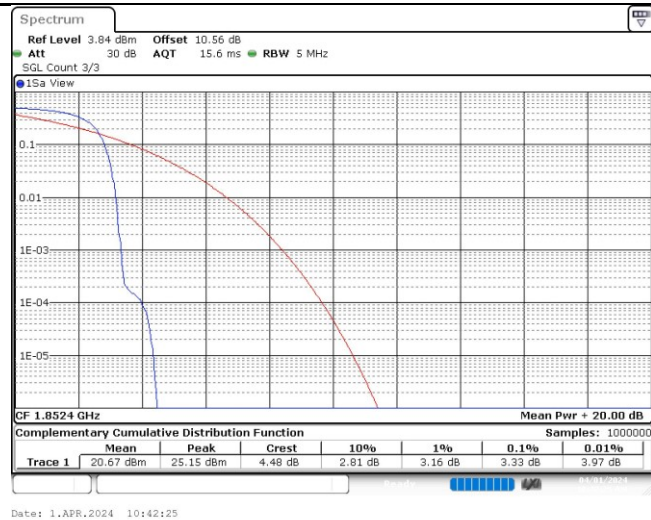
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Band2-9262-3

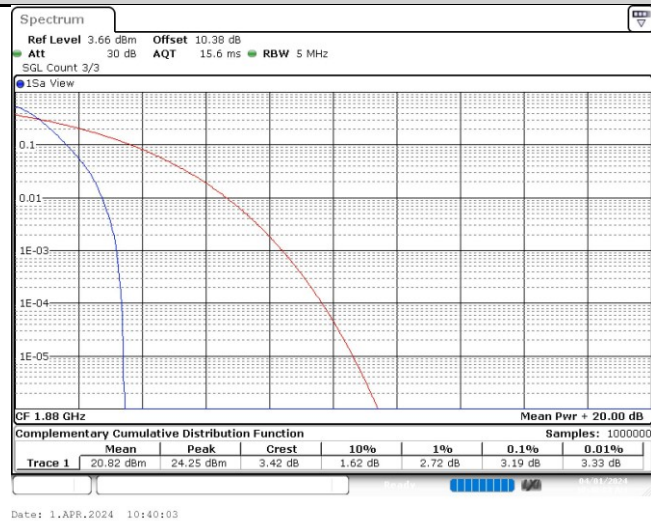


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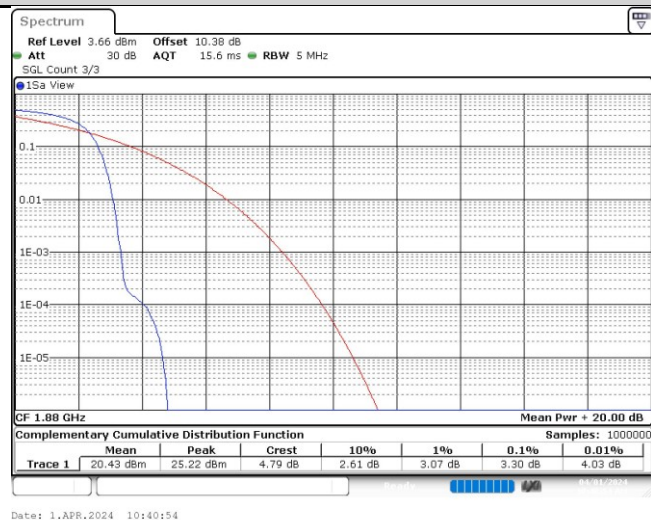
Band2-9262-4



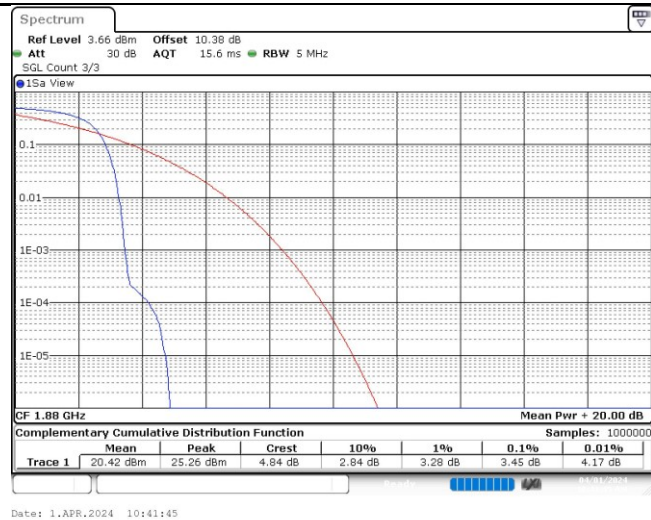
Band2-9400-1



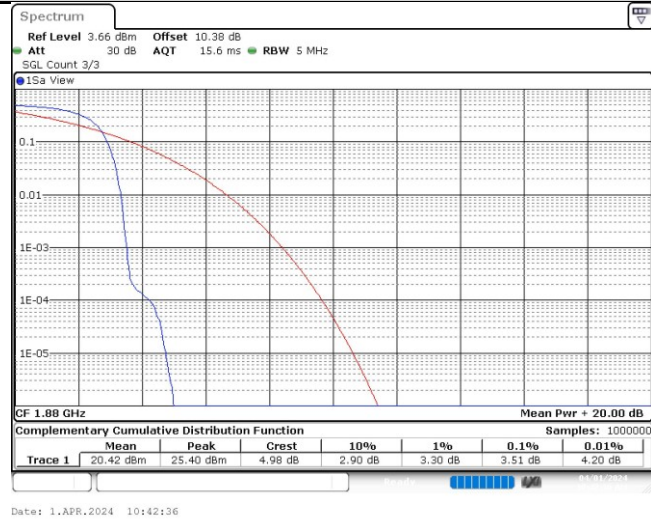
Band2-9400-2



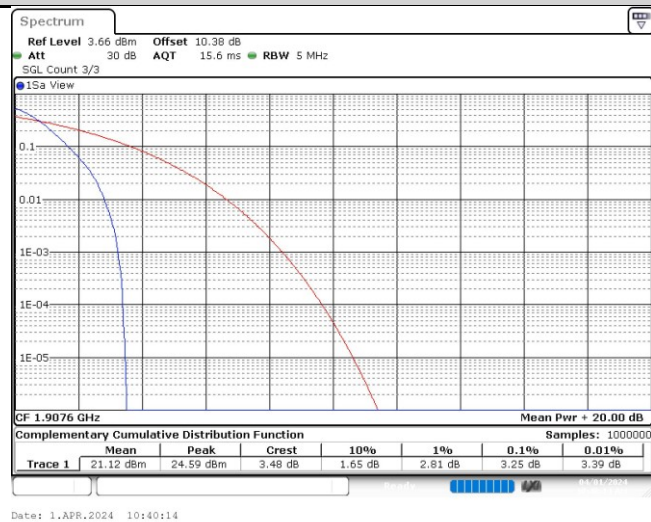
Band2-9400-3



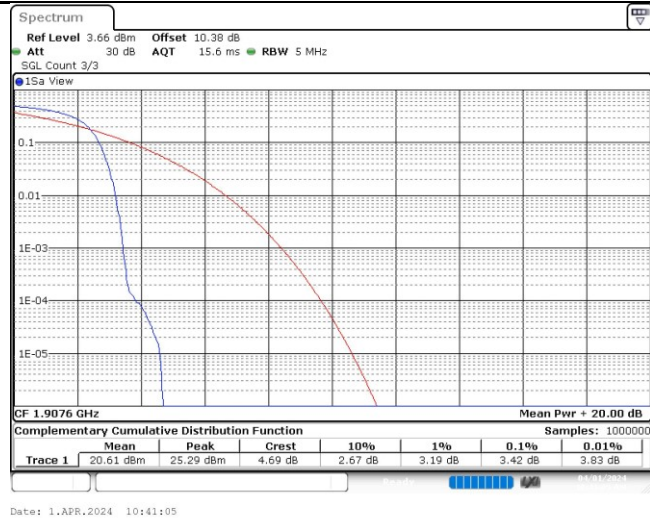
Band2-9400-4



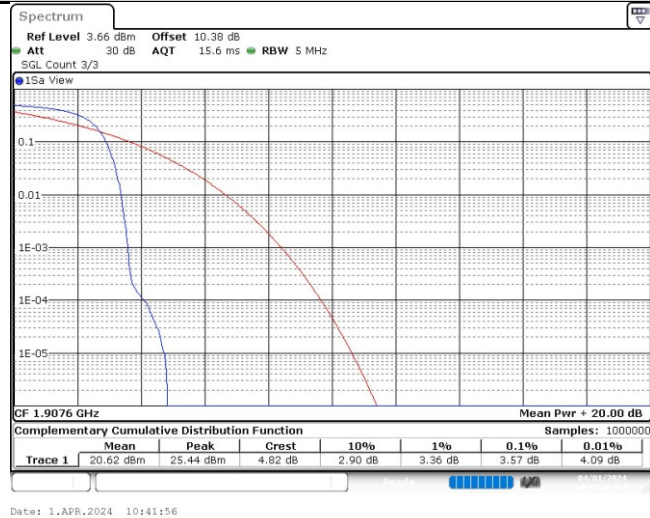
Band2-9538-1



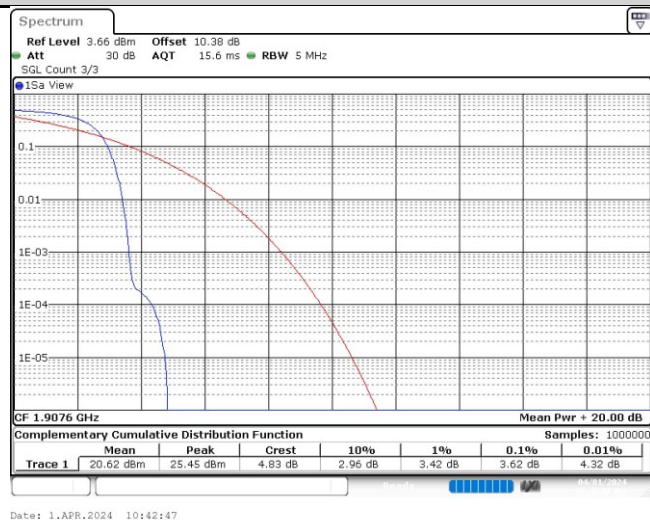
Band2-9538-2



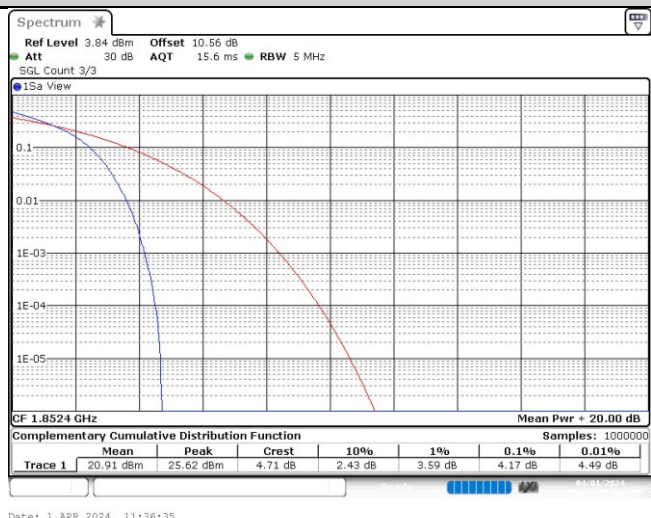
Band2-9538-3



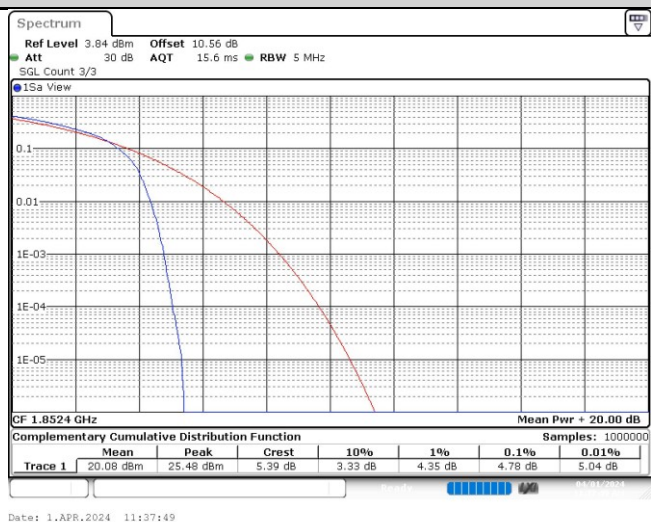
Band2-9538-4



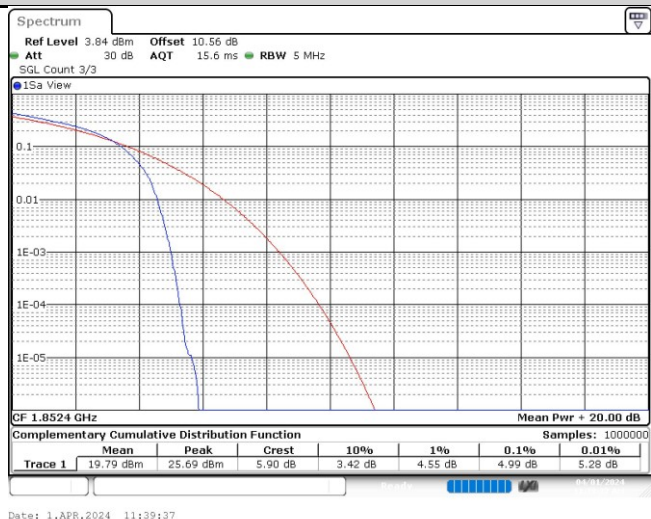
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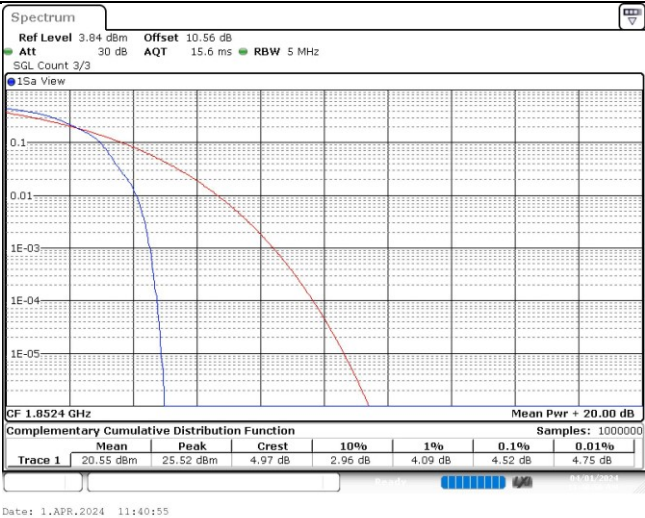
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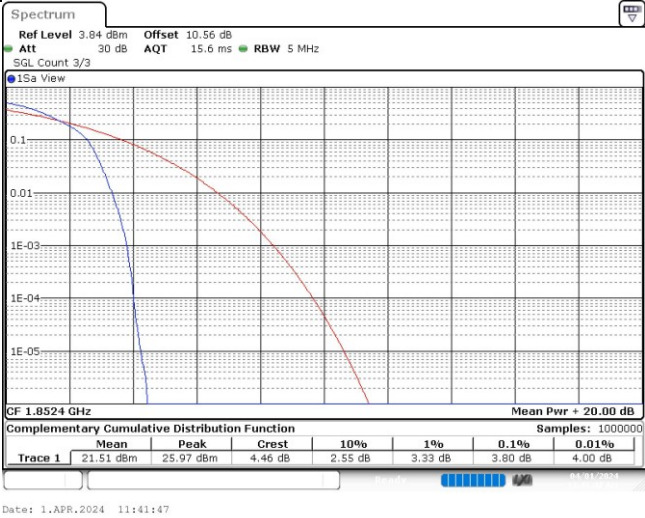
Band2-9262-3



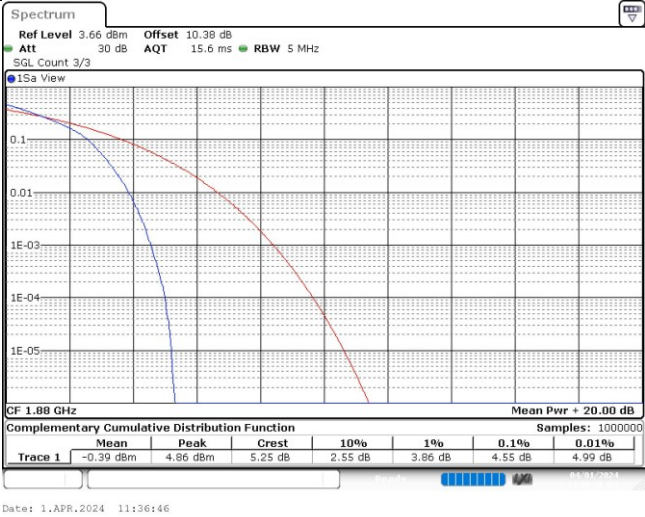
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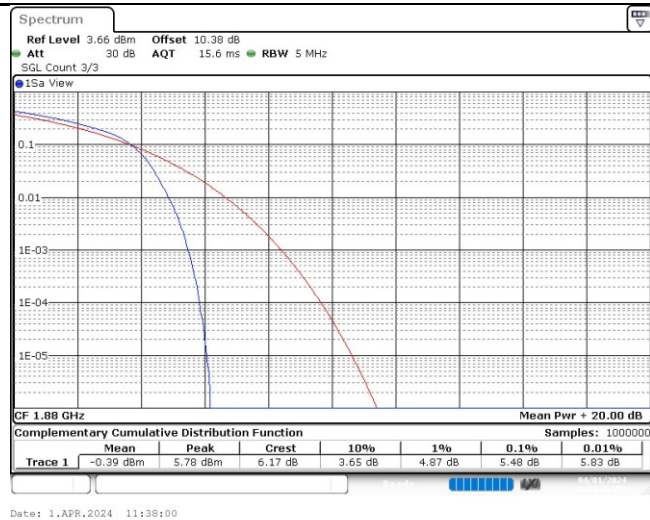
Band2-9262-5



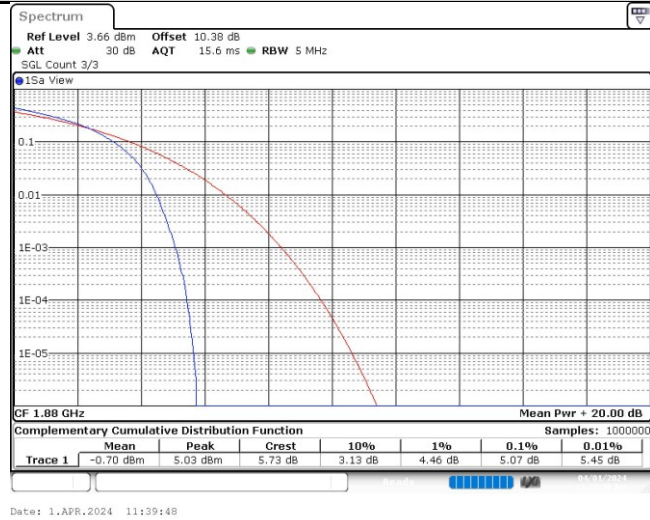
Band2-9400-1



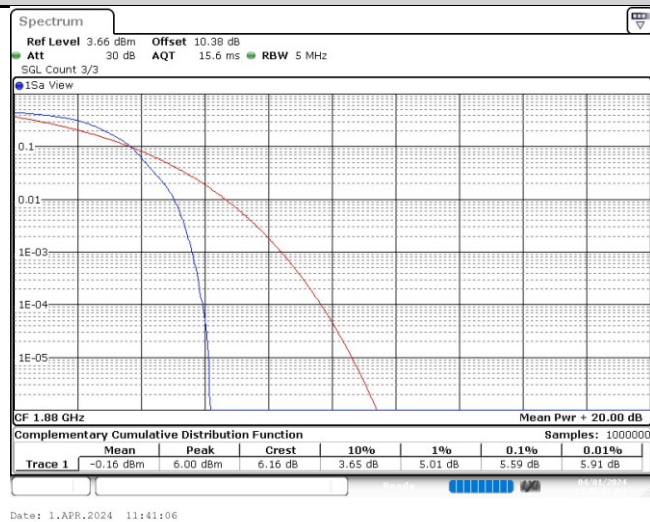
Band2-9400-2



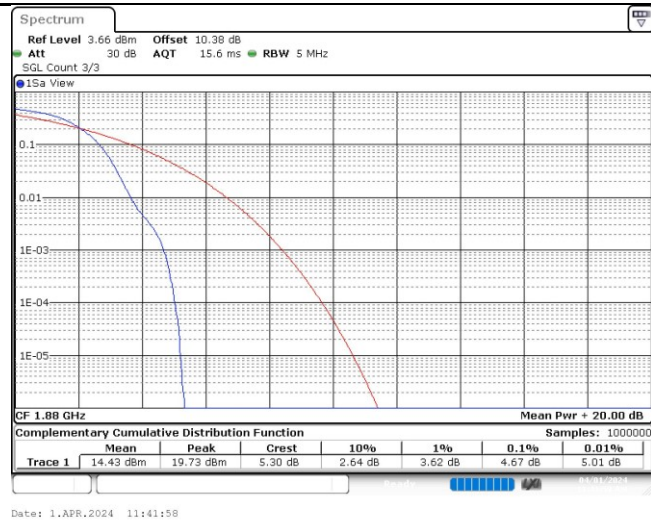
Band2-9400-3



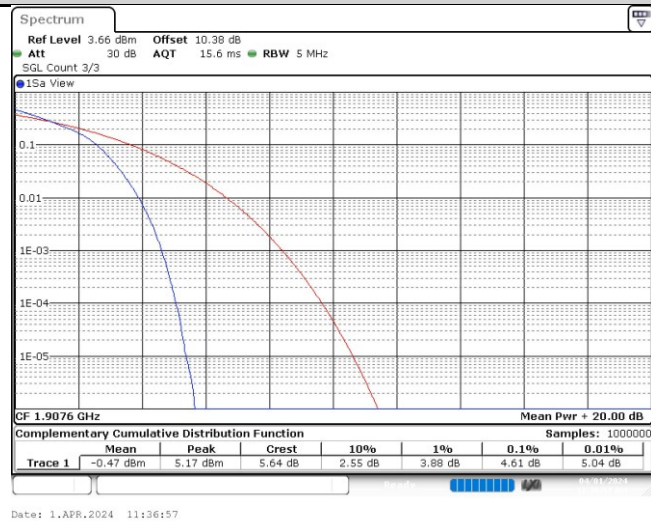
Band2-9400-4



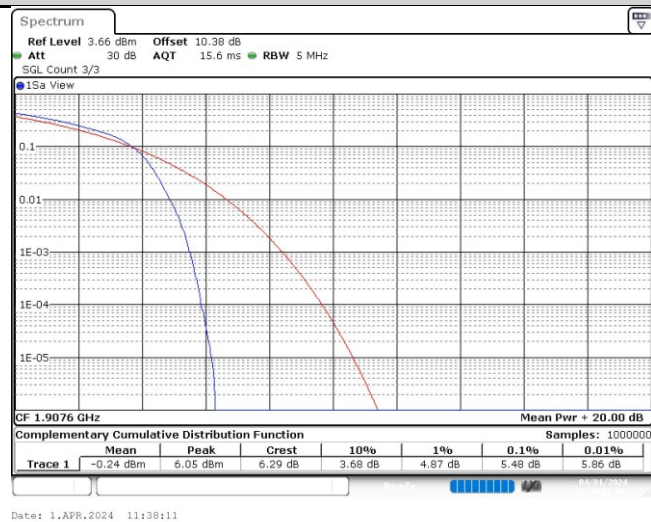
Band2-9400-5



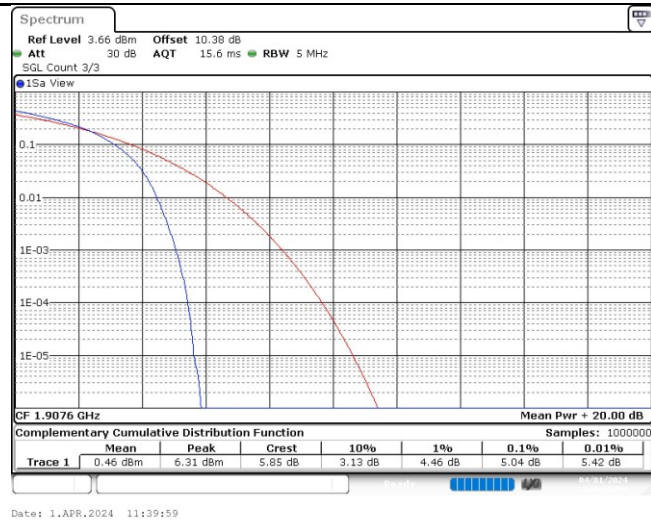
Band2-9538-1



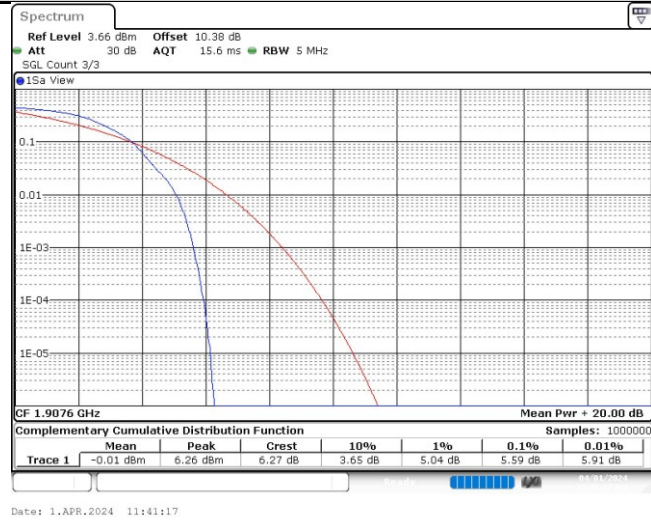
Band2-9538-2



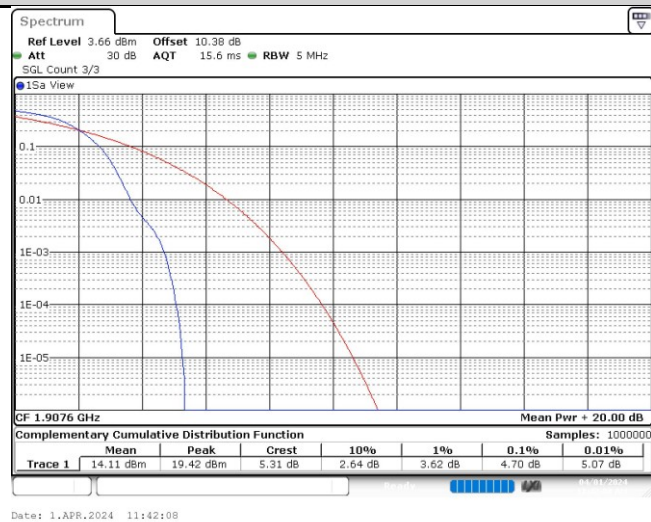
Band2-9538-3



Band2-9538-4



Band2-9538-5



APPENDIX A.3: 26dB BANDWIDTH AND OCCUPIED BANDWIDTH

Test Result

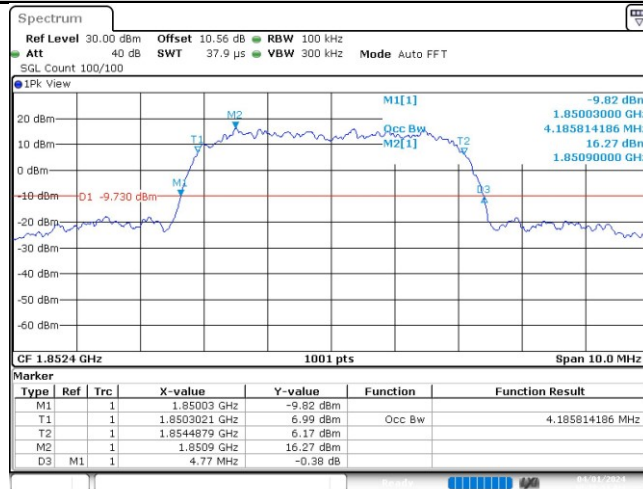
Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(MHz)	Verdict
Band2	9262	4.186	4.77	---	PASS
Band2	9400	4.146	4.72	---	PASS
Band2	9538	4.126	4.73	---	PASS

Band	Channel	SubTest	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(MHz)	Verdict
Band2	9262	1	4.156	4.71	---	PASS
Band2	9262	2	4.146	4.74	---	PASS
Band2	9262	3	4.126	4.69	---	PASS
Band2	9262	4	4.166	4.71	---	PASS
Band2	9400	1	4.126	4.72	---	PASS
Band2	9400	2	4.136	4.74	---	PASS
Band2	9400	3	4.136	4.72	---	PASS
Band2	9400	4	4.166	4.74	---	PASS
Band2	9538	1	4.096	4.69	---	PASS
Band2	9538	2	4.126	4.67	---	PASS
Band2	9538	3	4.126	4.72	---	PASS
Band2	9538	4	4.136	4.72	---	PASS

Band	Channel	SubTest	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(MHz)	Verdict
Band2	9262	1	4.176	4.76	---	PASS
Band2	9262	2	4.136	4.75	---	PASS
Band2	9262	3	4.156	4.75	---	PASS
Band2	9262	4	4.156	4.70	---	PASS
Band2	9262	5	4.166	4.75	---	PASS
Band2	9400	1	4.196	4.74	---	PASS
Band2	9400	2	4.206	4.76	---	PASS
Band2	9400	3	4.206	4.71	---	PASS
Band2	9400	4	4.206	4.76	---	PASS
Band2	9400	5	4.146	4.69	---	PASS
Band2	9538	1	4.176	4.74	---	PASS
Band2	9538	2	4.206	4.72	---	PASS
Band2	9538	3	4.176	4.76	---	PASS
Band2	9538	4	4.176	4.73	---	PASS
Band2	9538	5	4.136	4.69	---	PASS

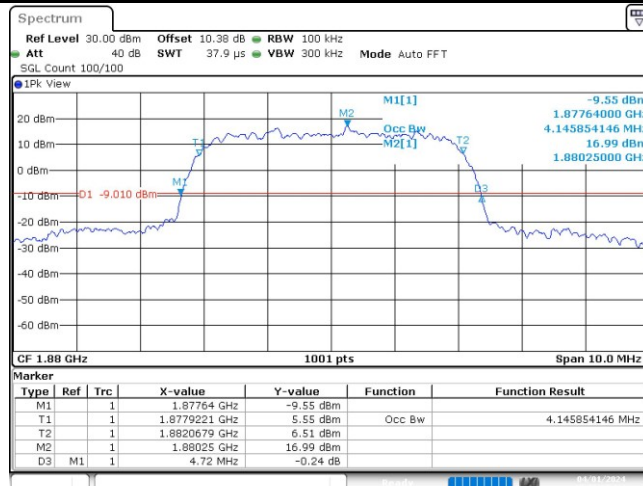
Test Graphs

Band2-9262-4.77



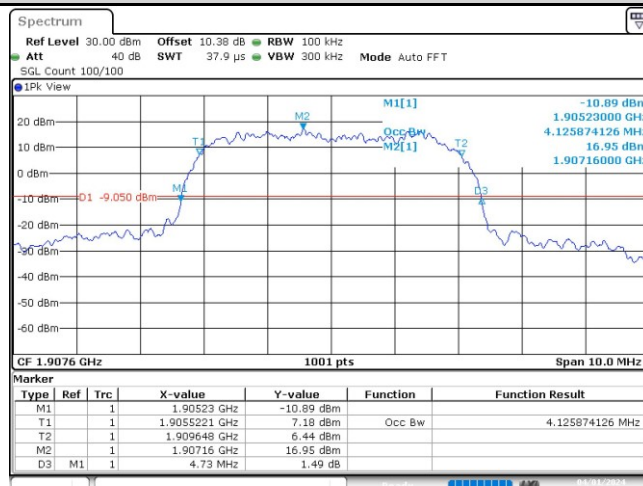
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Band2-9400-4.72



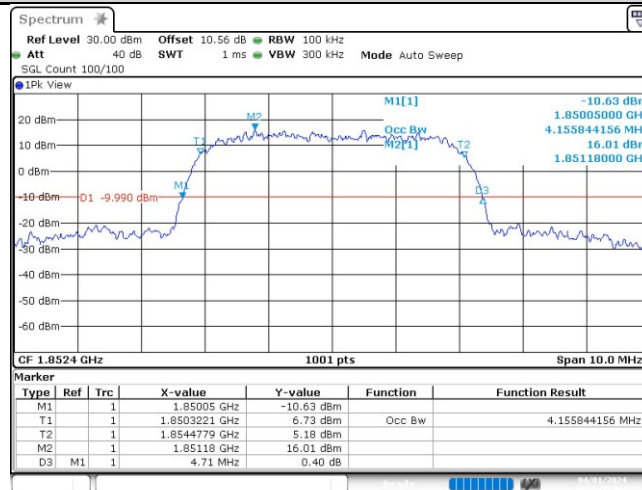
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Band2-9538-4.73



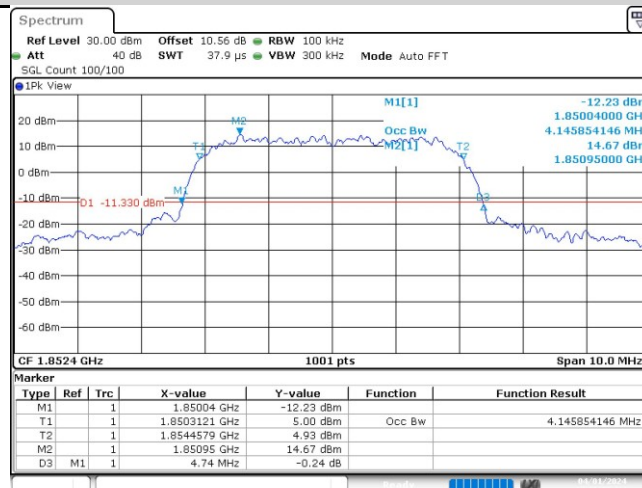
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Band2-9262-1-4.71



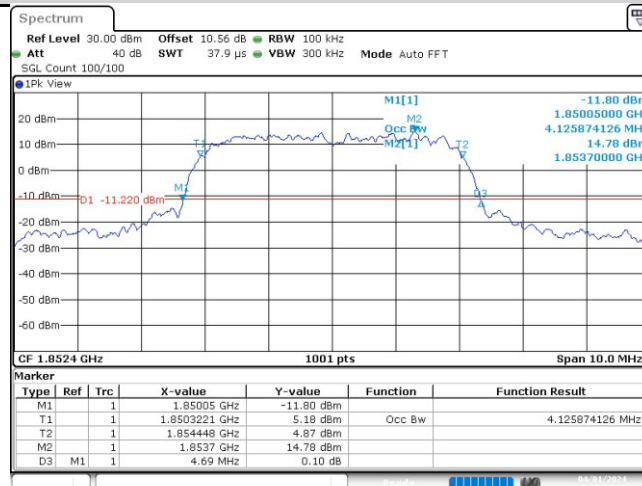
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Band2-9262-2-4.74



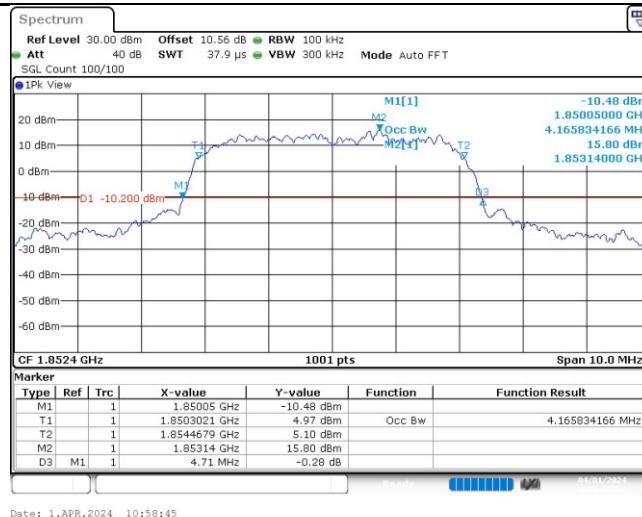
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Band2-9262-3-4.69

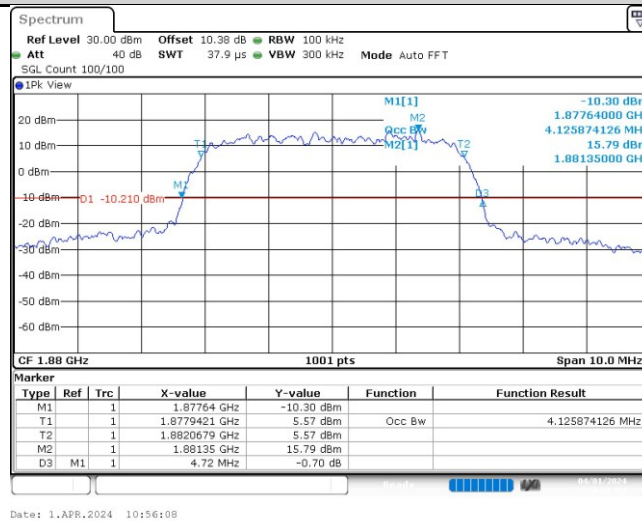


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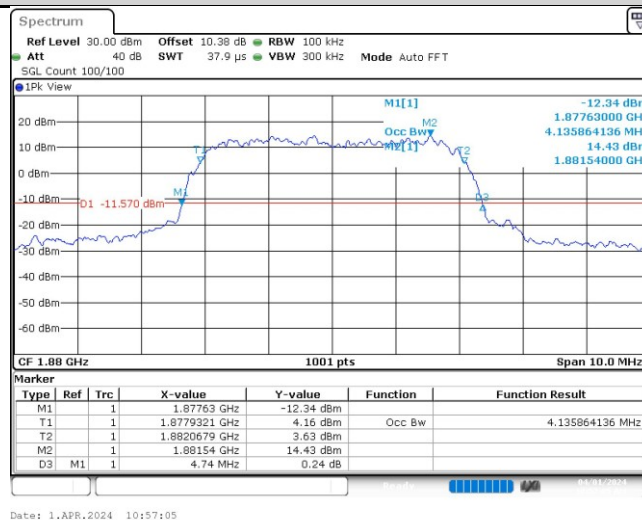
Band2-9262-4-4.71



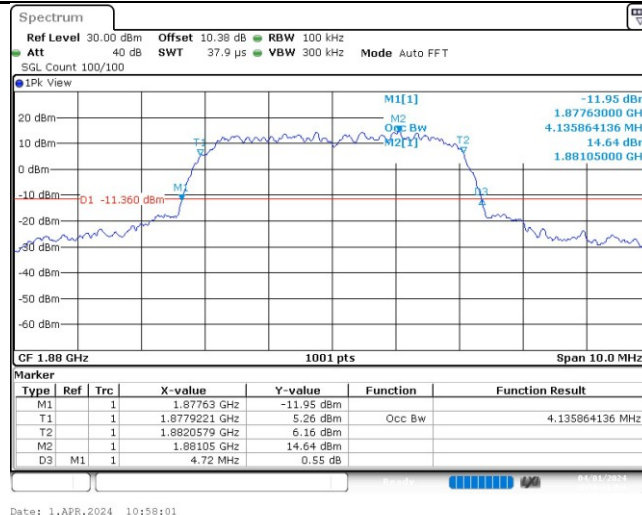
Band2-9400-1-4.72



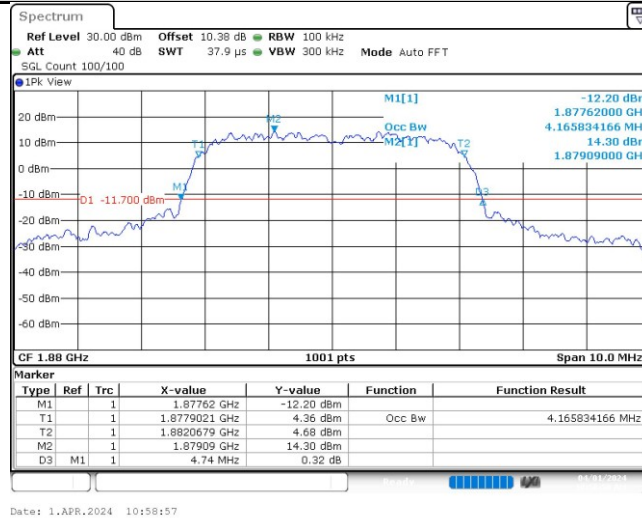
Band2-9400-2-4.74



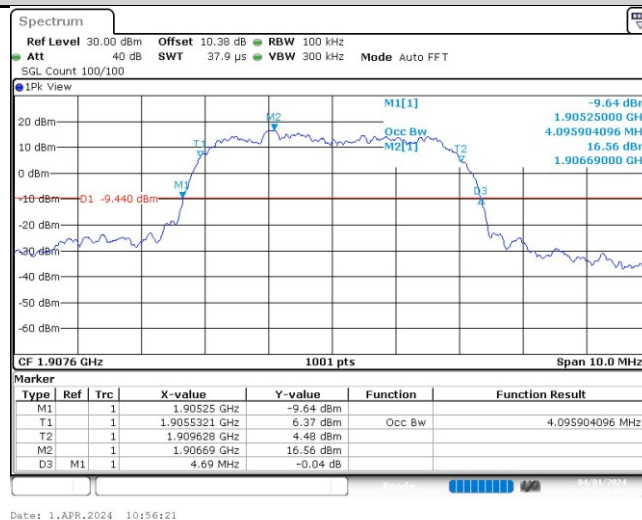
Band2-9400-3-4.72



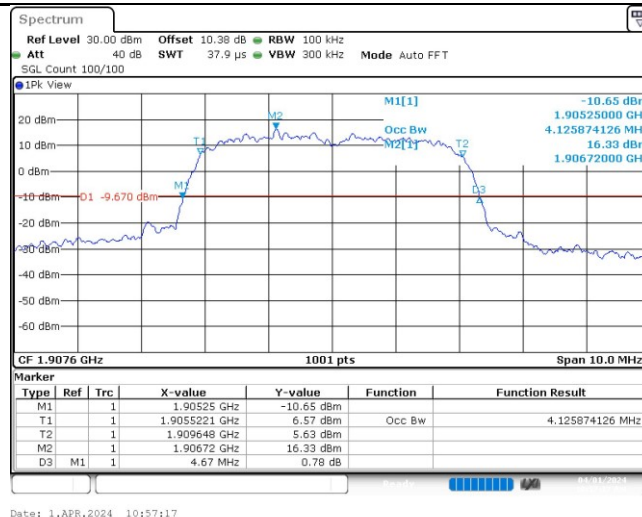
Band2-9400-4-4.74



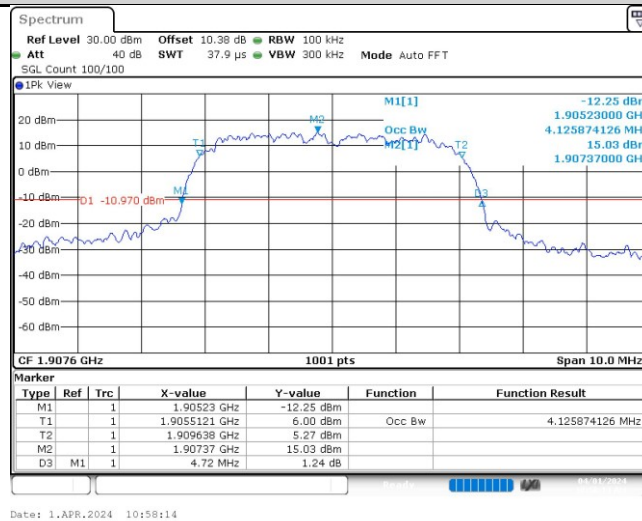
Band2-9538-1-4.69



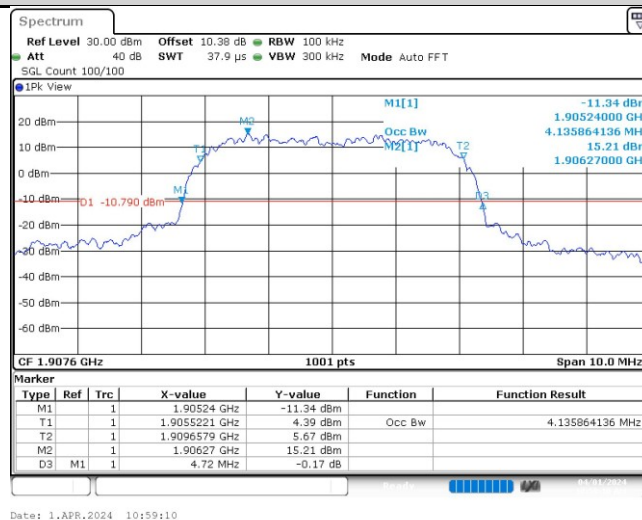
Band2-9538-2-4.67



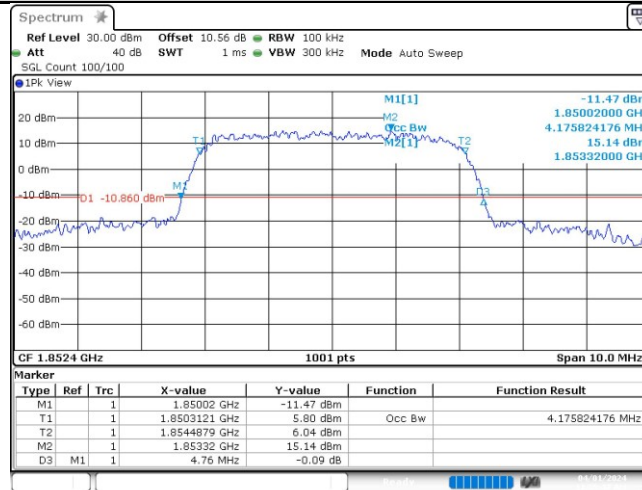
Band2-9538-3-4.72



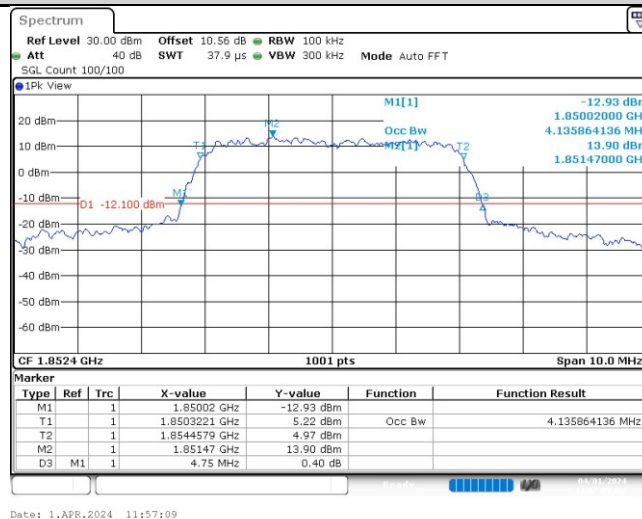
Band2-9538-4-4.72



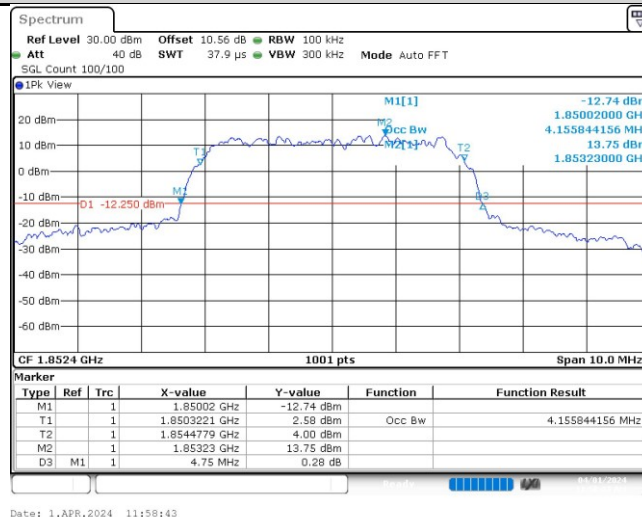
Band2-9262-1-4.76



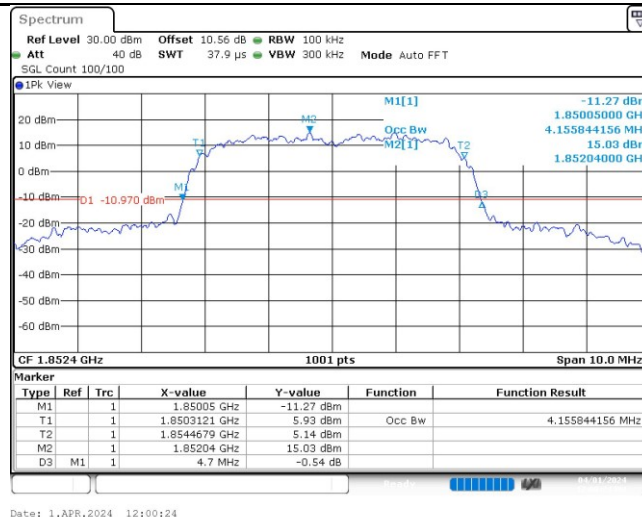
Band2-9262-2-4.75



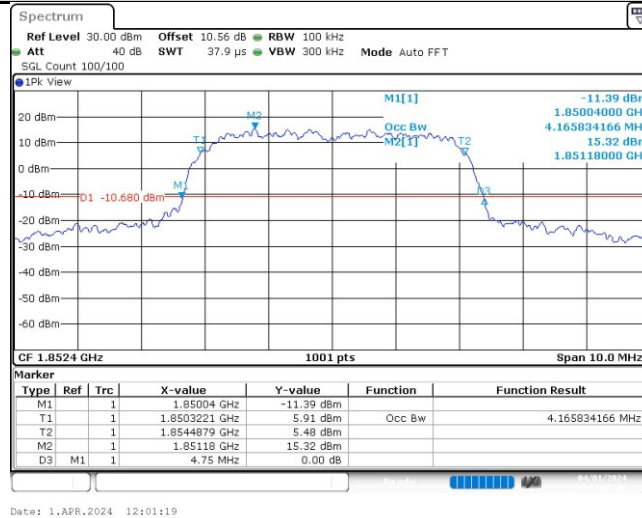
Band2-9262-3-4.75



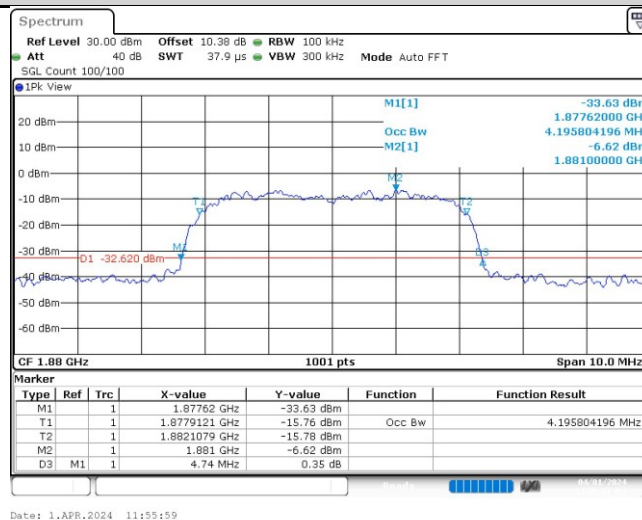
Band2-9262-4-4.70



Band2-9262-5-4.75



Band2-9400-1-4.74



Band2-9400-2-4.76