

Appendix-FCC-WCDMA-B4

1.1 AppendixA: Effective (Isotropic) Radiated Power Output Data

1.1.1 Test Result

Band	Channel	conducted power(dBm)	Max AntGain (dBi)	EIRP (dBm)	Limit(dBm)	Verdict
Band4	1312	24.01	-0.36	23.65	30	PASS
Band4	1413	24.21	-0.36	23.85	30	PASS
Band4	1513	23.68	-0.36	23.32	30	PASS

Band	Channel	SubTest	conducted power(dBm)	Max AntGain (dBi)	EIRP (dBm)	Limit(dBm)	Verdict
Band4	1312	1	22.97	-0.36	22.61	30	PASS
Band4	1312	2	22.47	-0.36	22.11	30	PASS
Band4	1312	3	22.48	-0.36	22.12	30	PASS
Band4	1312	4	22.54	-0.36	22.18	30	PASS
Band4	1413	1	23.13	-0.36	22.77	30	PASS
Band4	1413	2	22.67	-0.36	22.31	30	PASS
Band4	1413	3	22.68	-0.36	22.32	30	PASS
Band4	1413	4	22.59	-0.36	22.23	30	PASS
Band4	1513	1	22.63	-0.36	22.27	30	PASS
Band4	1513	2	22.11	-0.36	21.75	30	PASS
Band4	1513	3	22.18	-0.36	21.82	30	PASS
Band4	1513	4	22.10	-0.36	21.74	30	PASS

Band	Channel	SubTest	conducted power(dBm)	Max AntGain (dBi)	EIRP (dBm)	Limit(dBm)	Verdict
Band4	1312	1	21.00	-0.36	20.64	30	PASS
Band4	1312	2	20.99	-0.36	20.63	30	PASS
Band4	1312	3	22.02	-0.36	21.66	30	PASS
Band4	1312	4	20.52	-0.36	20.16	30	PASS
Band4	1312	5	21.97	-0.36	21.61	30	PASS
Band4	1413	1	21.19	-0.36	20.83	30	PASS
Band4	1413	2	21.17	-0.36	20.81	30	PASS
Band4	1413	3	22.17	-0.36	21.81	30	PASS
Band4	1413	4	20.68	-0.36	20.32	30	PASS
Band4	1413	5	22.21	-0.36	21.85	30	PASS
Band4	1513	1	20.66	-0.36	20.30	30	PASS
Band4	1513	2	20.66	-0.36	20.30	30	PASS
Band4	1513	3	20.64	-0.36	20.28	30	PASS
Band4	1513	4	20.19	-0.36	19.83	30	PASS
Band4	1513	5	21.58	-0.36	21.22	30	PASS

1.2 AppendixB:Peak-to-Average Ratio

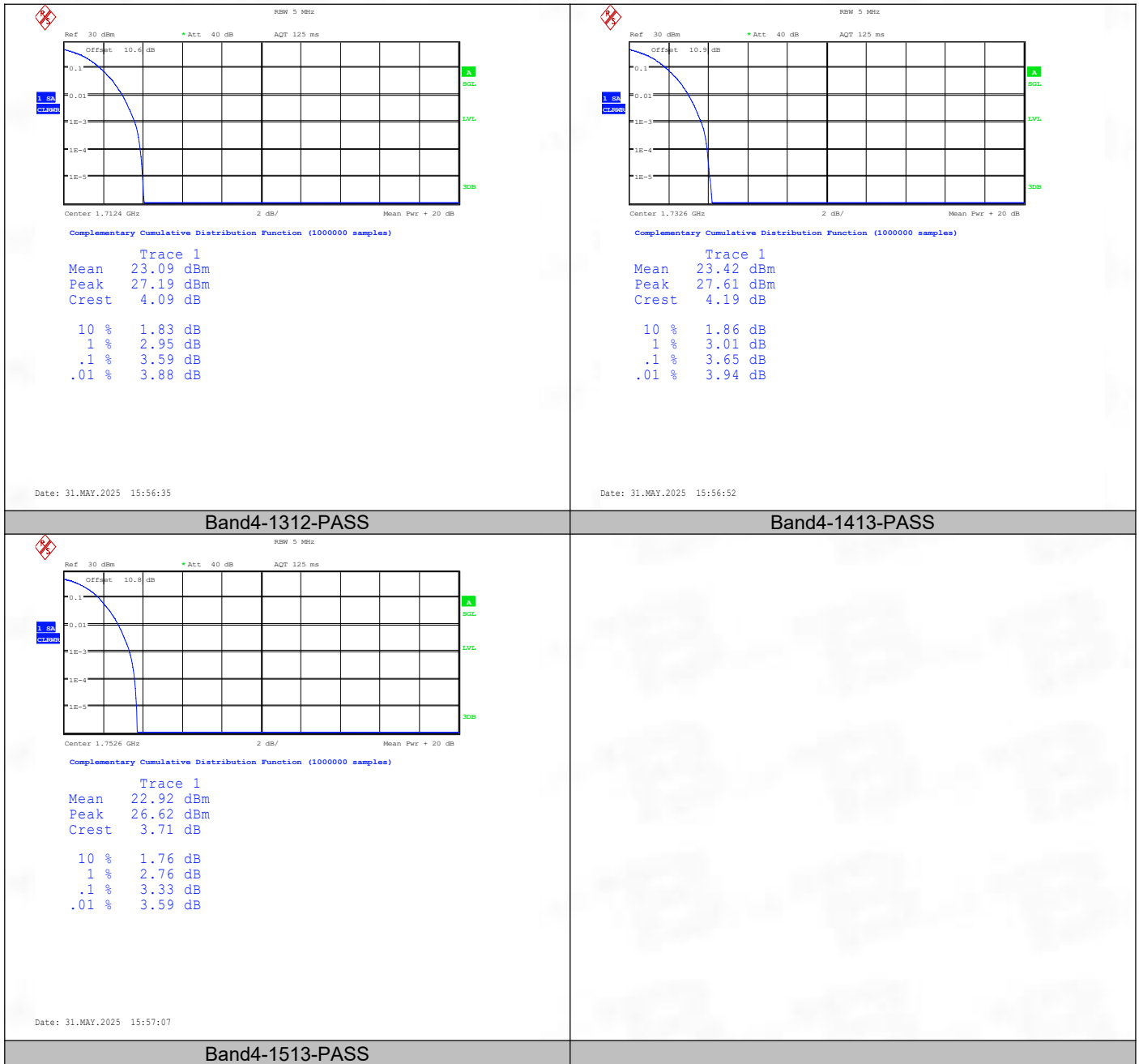
1.2.1 Test Result

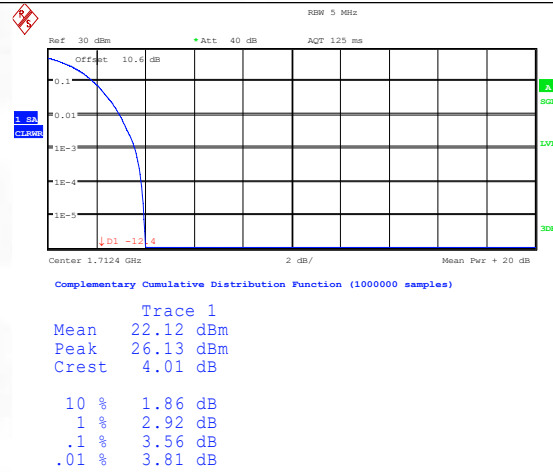
Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band4	1312	3.59	13	PASS
Band4	1413	3.65	13	PASS
Band4	1513	3.33	13	PASS

Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band4	1312	1	3.56	13	PASS
Band4	1312	2	3.97	13	PASS
Band4	1312	3	4.2	13	PASS
Band4	1312	4	4.23	13	PASS
Band4	1413	1	3.56	13	PASS
Band4	1413	2	4.07	13	PASS
Band4	1413	3	4.26	13	PASS
Band4	1413	4	4.36	13	PASS
Band4	1513	1	3.37	13	PASS
Band4	1513	2	3.78	13	PASS
Band4	1513	3	4.01	13	PASS
Band4	1513	4	4.07	13	PASS

Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band4	1312	1	4.62	13	PASS
Band4	1312	2	5.74	13	PASS
Band4	1312	3	5.32	13	PASS
Band4	1312	4	5.64	13	PASS
Band4	1312	5	4.62	13	PASS
Band4	1413	1	4.68	13	PASS
Band4	1413	2	5.83	13	PASS
Band4	1413	3	5.42	13	PASS
Band4	1413	4	5.8	13	PASS
Band4	1413	5	4.71	13	PASS
Band4	1513	1	4.52	13	PASS
Band4	1513	2	5.51	13	PASS
Band4	1513	3	5.03	13	PASS
Band4	1513	4	5.51	13	PASS
Band4	1513	5	4.42	13	PASS

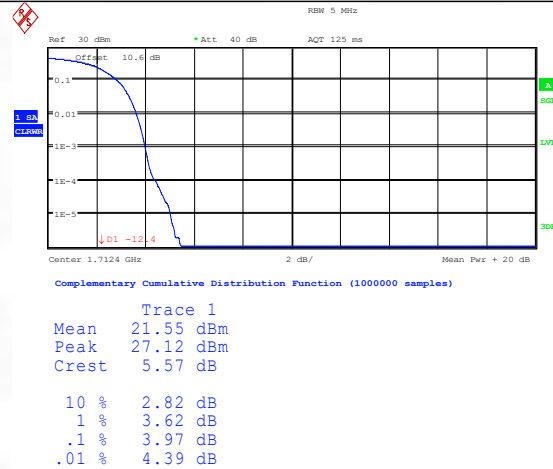
1.2.2 Test Graphs





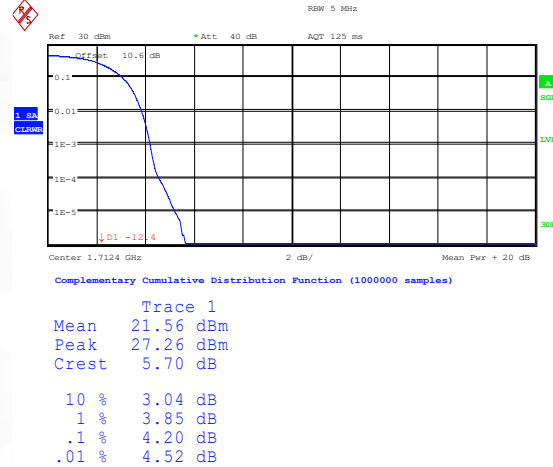
Date: 31.MAY.2025 16:12:55

Band4-1312-1-PASS



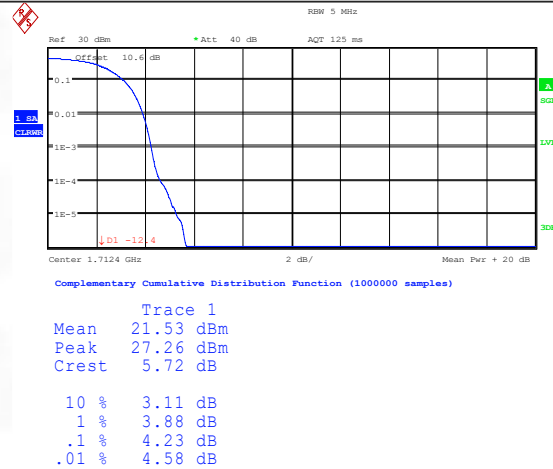
Date: 31.MAY.2025 16:14:04

Band4-1312-2-PASS



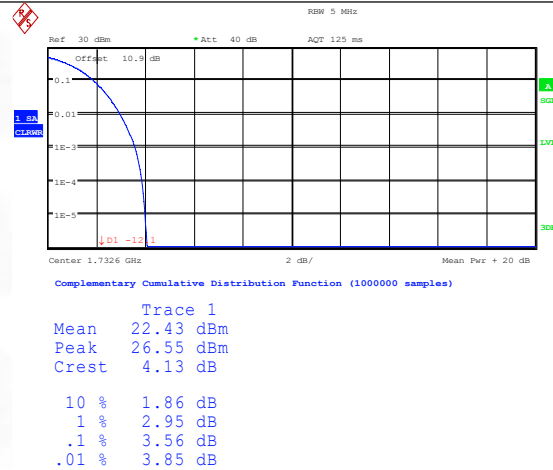
Date: 31.MAY.2025 16:15:13

Band4-1312-3-PASS



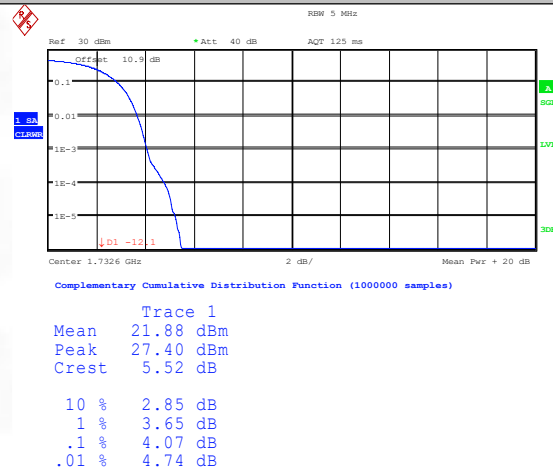
Date: 31.MAY.2025 16:16:23

Band4-1312-4-PASS



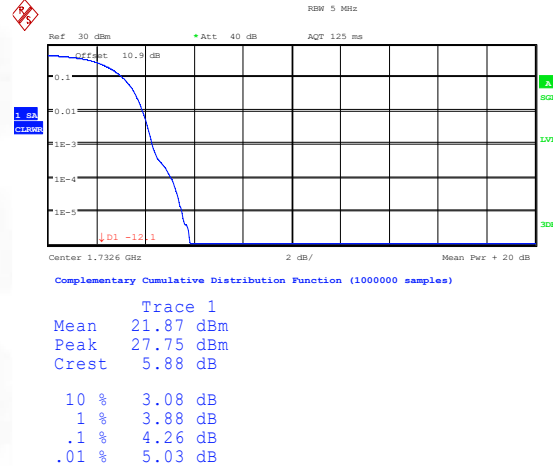
Date: 31.MAY.2025 16:13:15

Band4-1413-1-PASS



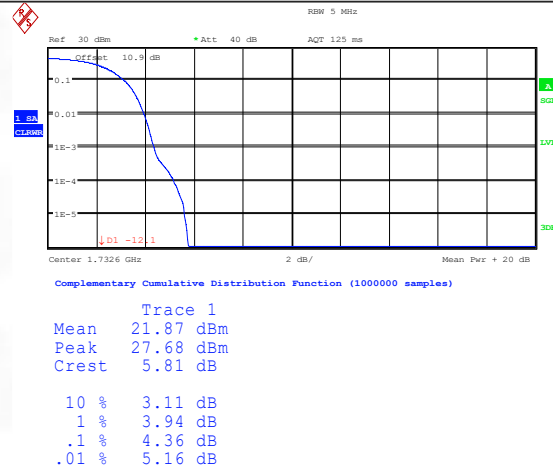
Date: 31.MAY.2025 16:14:23

Band4-1413-2-PASS



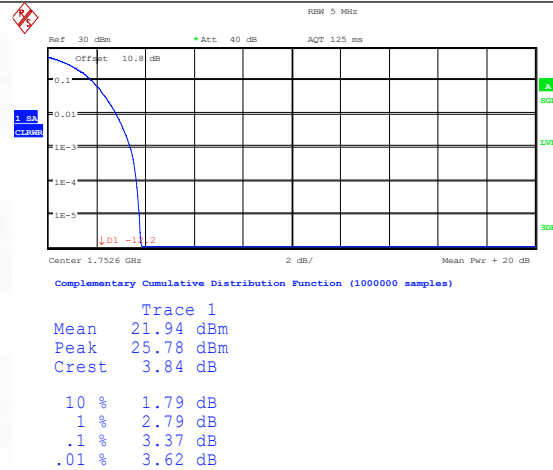
Date: 31.MAY.2025 16:15:33

Band4-1413-3-PASS



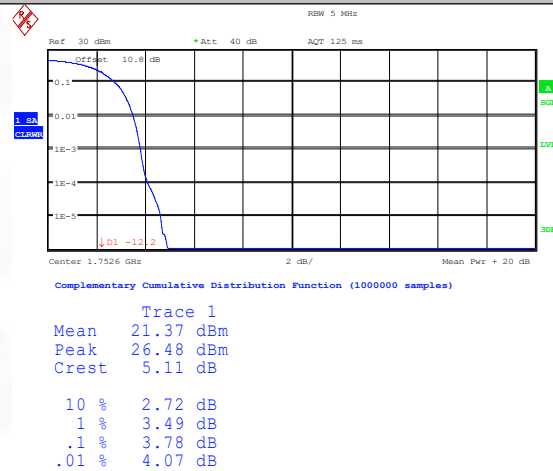
Date: 31.MAY.2025 16:16:42

Band4-1413-4-PASS



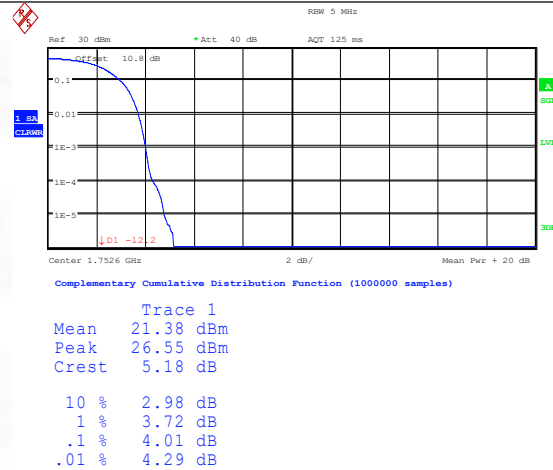
Date: 31.MAY.2025 16:13:32

Band4-1513-1-PASS



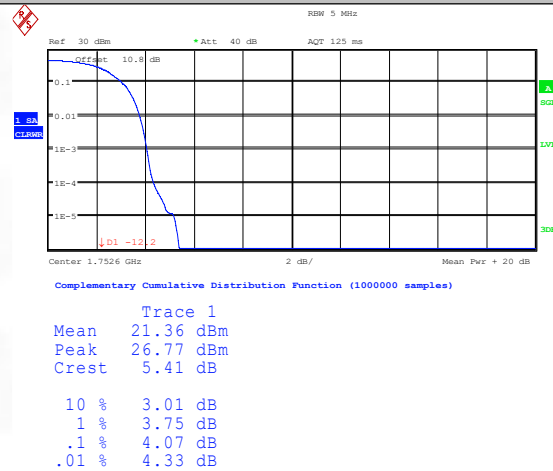
Date: 31.MAY.2025 16:14:41

Band4-1513-2-PASS



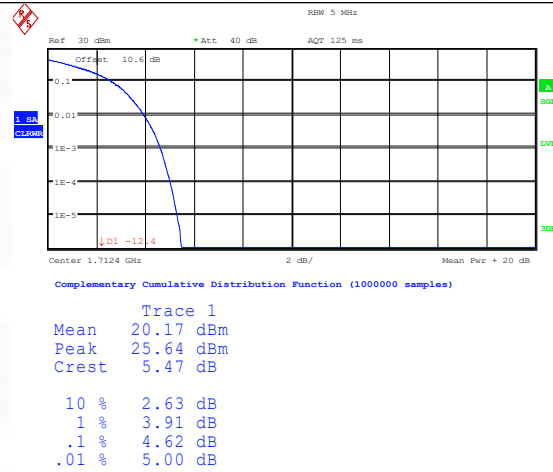
Date: 31.MAY.2025 16:15:50

Band4-1513-3-PASS



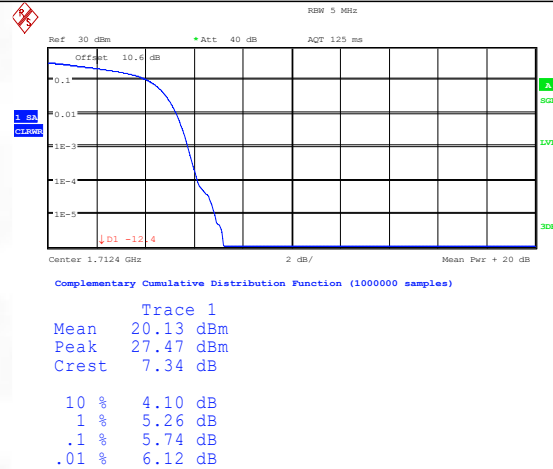
Date: 31.MAY.2025 16:16:59

Band4-1513-4-PASS



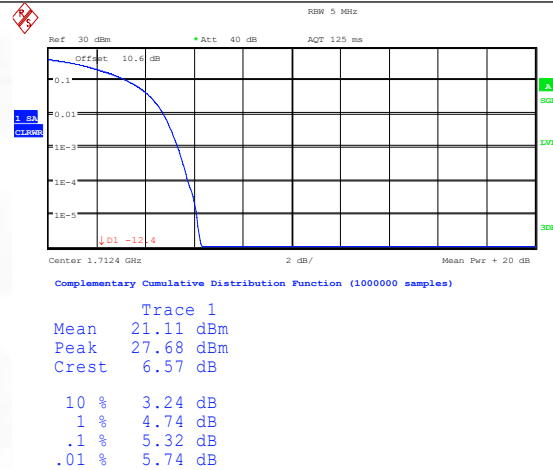
Date: 31.MAY.2025 17:25:20

Band4-1312-1-PASS



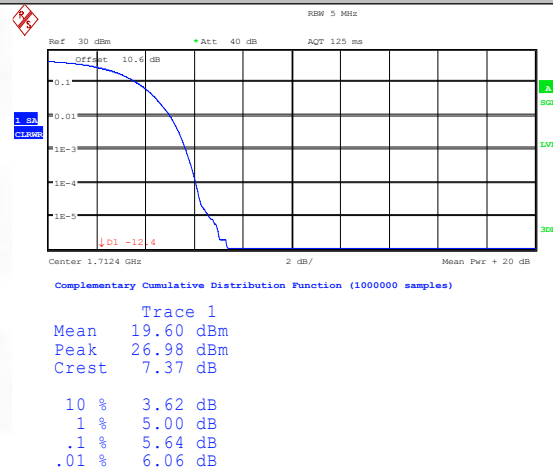
Date: 31.MAY.2025 17:28:03

Band4-1312-2-PASS



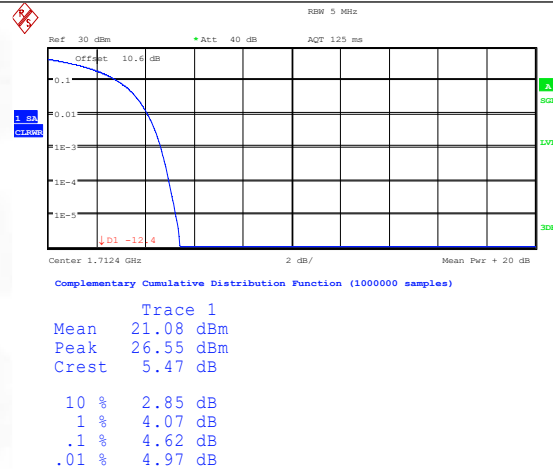
Date: 31.MAY.2025 17:30:42

Band4-1312-3-PASS



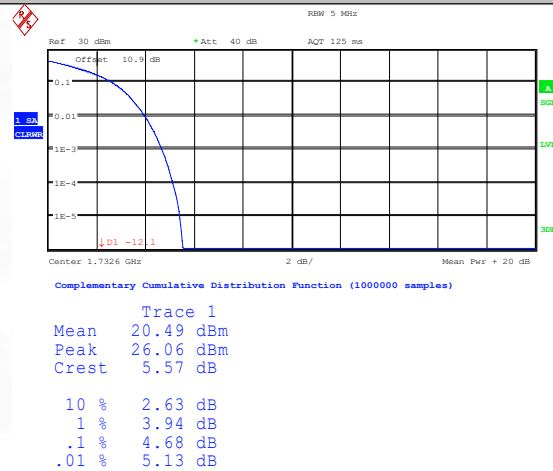
Date: 31.MAY.2025 17:33:32

Band4-1312-4-PASS



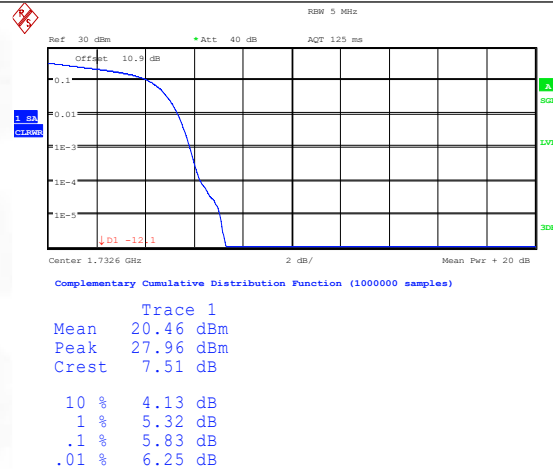
Date: 31.MAY.2025 17:36:16

Band4-1312-5-PASS



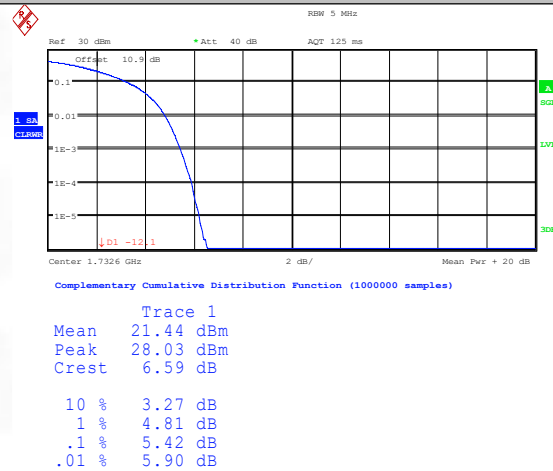
Date: 31.MAY.2025 17:26:19

Band4-1413-1-PASS



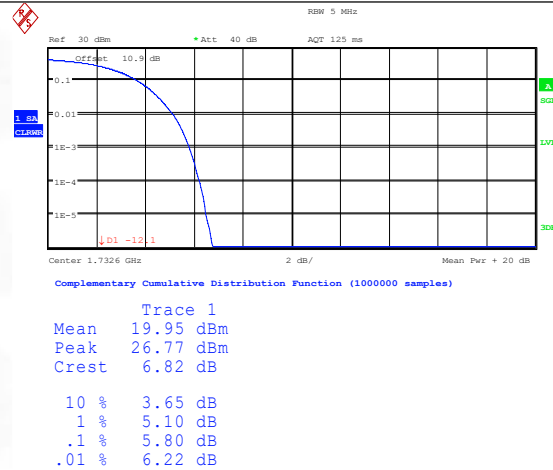
Date: 31.MAY.2025 17:29:03

Band4-1413-2-PASS



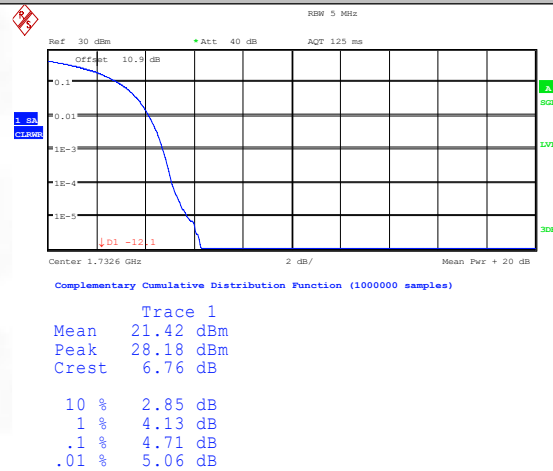
Date: 31.MAY.2025 17:31:42

Band4-1413-3-PASS



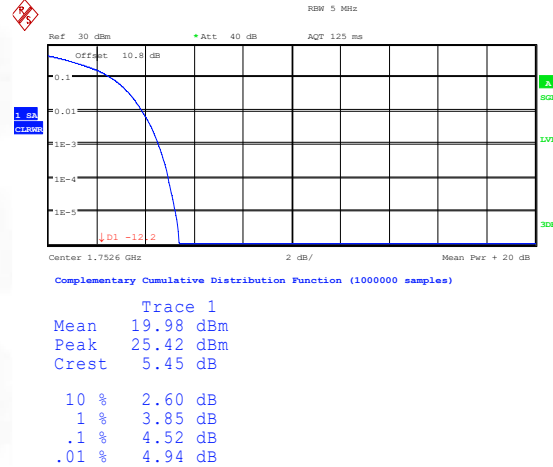
Date: 31.MAY.2025 17:34:31

Band4-1413-4-PASS



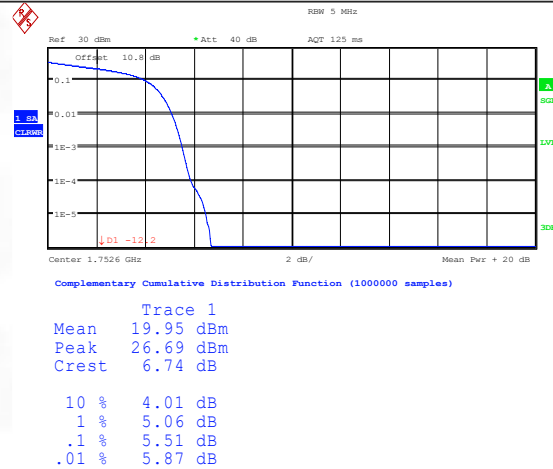
Date: 31.MAY.2025 17:36:41

Band4-1413-5-PASS



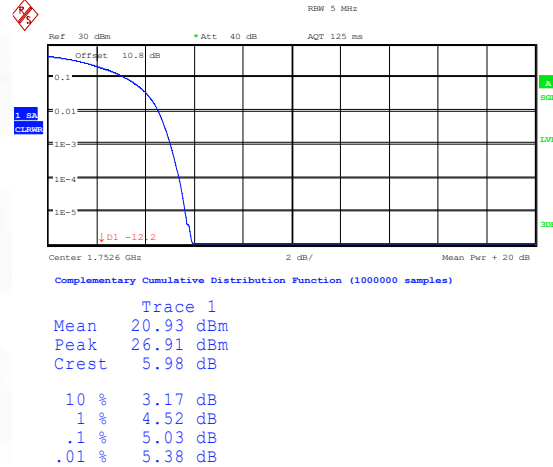
Date: 31.MAY.2025 17:27:18

Band4-1513-1-PASS



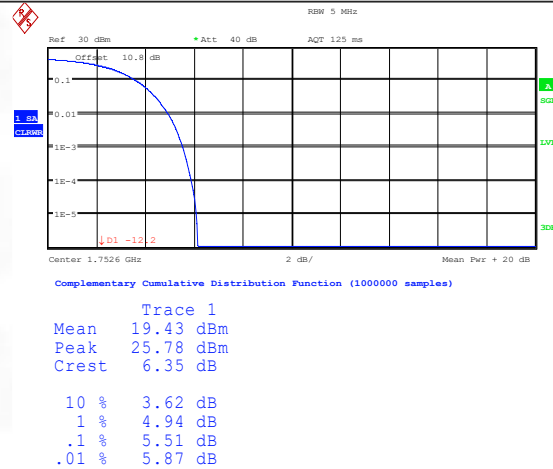
Date: 31.MAY.2025 17:30:02

Band4-1513-2-PASS



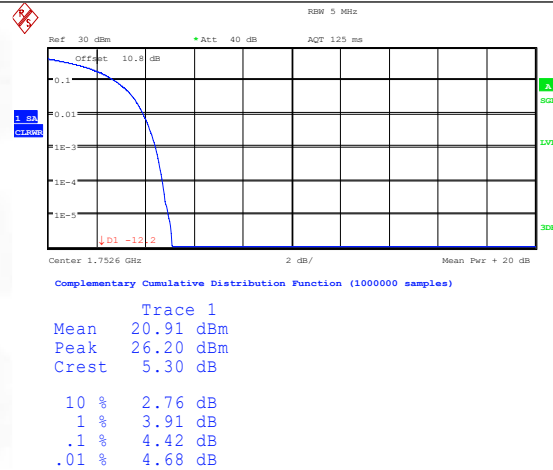
Date: 31.MAY.2025 17:32:46

Band4-1513-3-PASS



Date: 31.MAY.2025 17:35:35

Band4-1513-4-PASS



Date: 31.MAY.2025 17:37:06

Band4-1513-5-PASS

1.3 AppendixC:26dB Bandwidth andOccupied Bandwidth

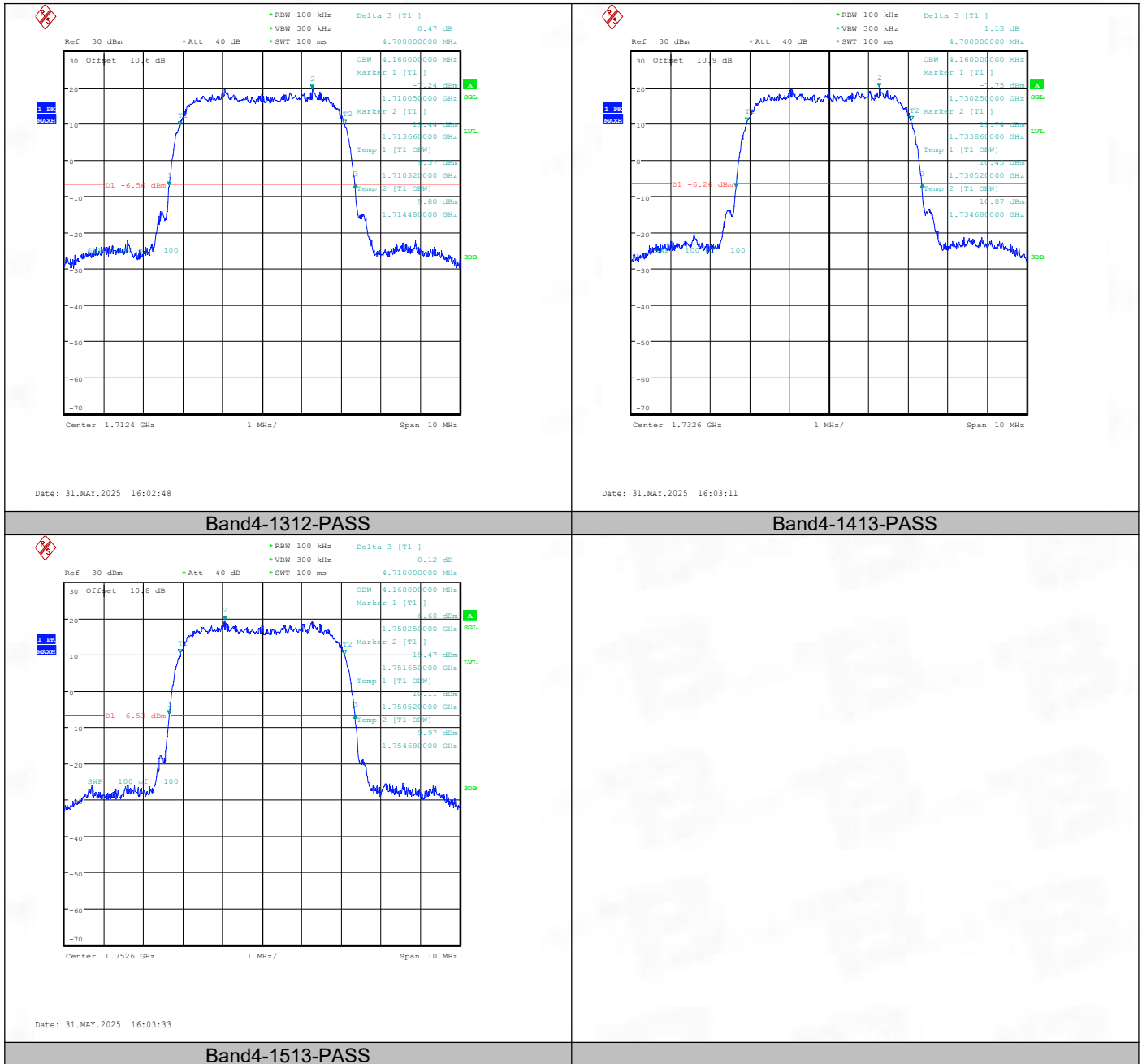
1.3.1 Test Result

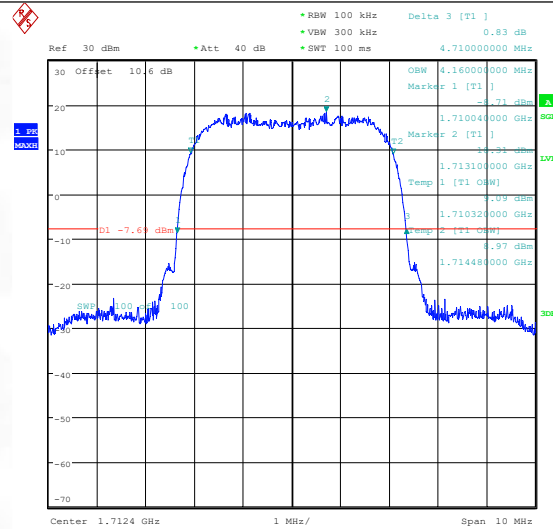
Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(kHz)	Verdict
Band4	1312	4.16	4.70	---	PASS
Band4	1413	4.16	4.70	---	PASS
Band4	1513	4.16	4.71	---	PASS

Band	Channel	SubTest	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(kHz)	Verdict
Band4	1312	1	4.16	4.71	---	PASS
Band4	1312	2	4.16	4.71	---	PASS
Band4	1312	3	4.17	4.73	---	PASS
Band4	1312	4	4.17	4.72	---	PASS
Band4	1413	1	4.16	4.70	---	PASS
Band4	1413	2	4.17	4.71	---	PASS
Band4	1413	3	4.16	4.72	---	PASS
Band4	1413	4	4.17	4.73	---	PASS
Band4	1513	1	4.17	4.72	---	PASS
Band4	1513	2	4.15	4.70	---	PASS
Band4	1513	3	4.17	4.72	---	PASS
Band4	1513	4	4.17	4.72	---	PASS

Band	Channel	SubTest	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(kHz)	Verdict
Band4	1312	1	4.18	4.72	---	PASS
Band4	1312	2	4.18	4.75	---	PASS
Band4	1312	3	4.18	4.74	---	PASS
Band4	1312	4	4.19	4.74	---	PASS
Band4	1312	5	4.16	4.73	---	PASS
Band4	1413	1	4.19	4.72	---	PASS
Band4	1413	2	4.19	4.75	---	PASS
Band4	1413	3	4.19	4.73	---	PASS
Band4	1413	4	4.19	4.73	---	PASS
Band4	1413	5	4.17	4.71	---	PASS
Band4	1513	1	4.19	4.73	---	PASS
Band4	1513	2	4.18	4.72	---	PASS
Band4	1513	3	4.18	4.71	---	PASS
Band4	1513	4	4.18	4.71	---	PASS
Band4	1513	5	4.17	4.71	---	PASS

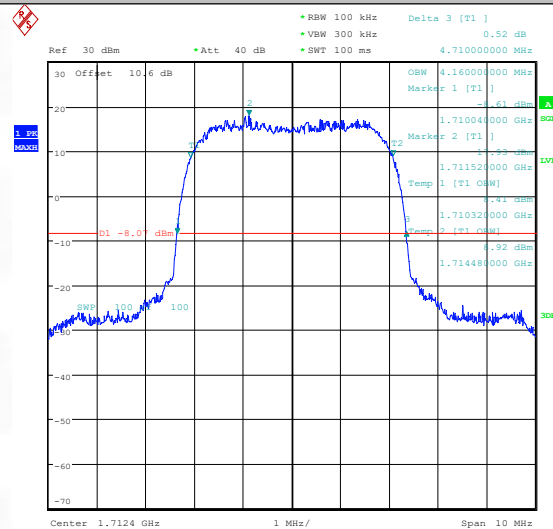
1.3.2 Test Graphs





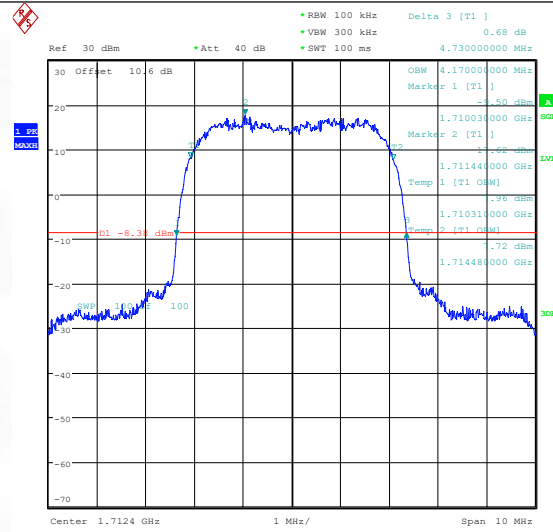
Date: 31.MAY.2025 16:42:42

Band4-1312-1-PASS



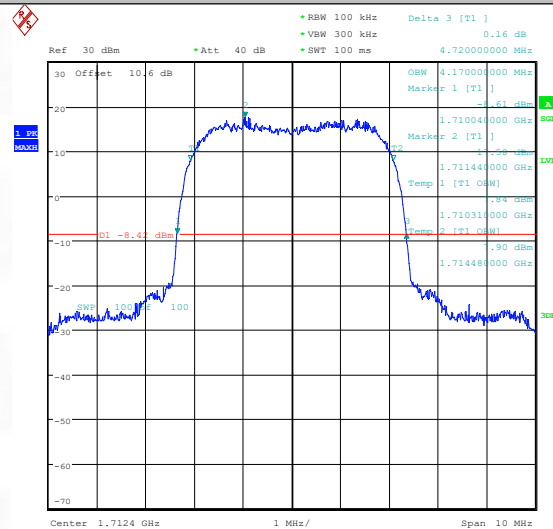
Date: 31.MAY.2025 16:44:29

Band4-1312-2-PASS



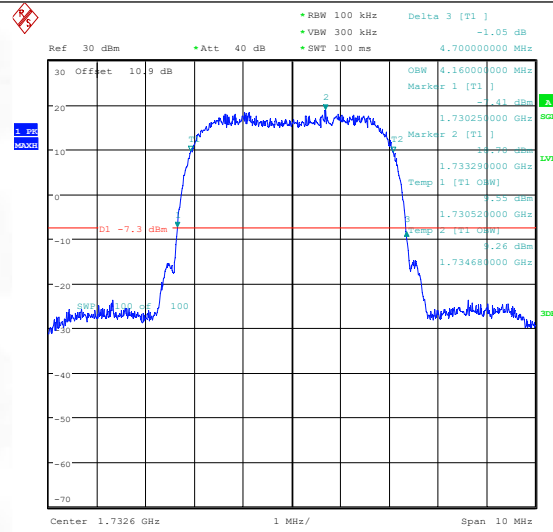
Date: 31.MAY.2025 16:46:14

Band4-1312-3-PASS



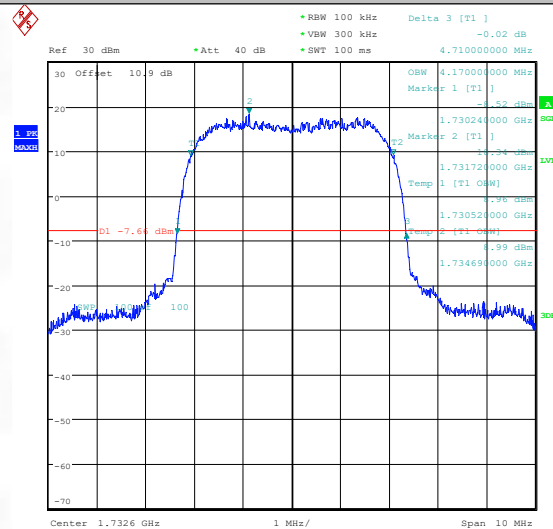
Date: 31.MAY.2025 16:47:59

Band4-1312-4-PASS



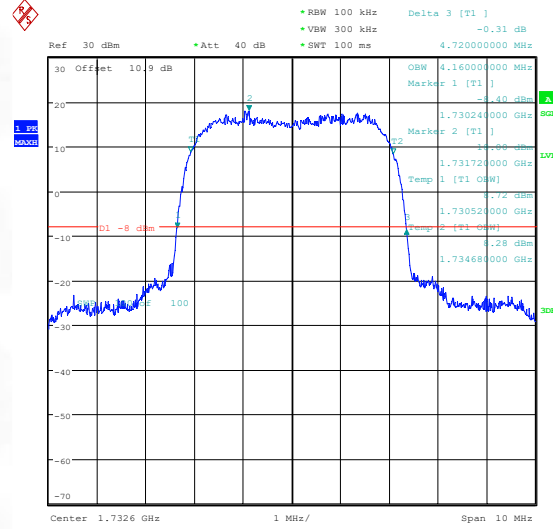
Date: 31.MAY.2025 16:43:13

Band4-1413-1-PASS



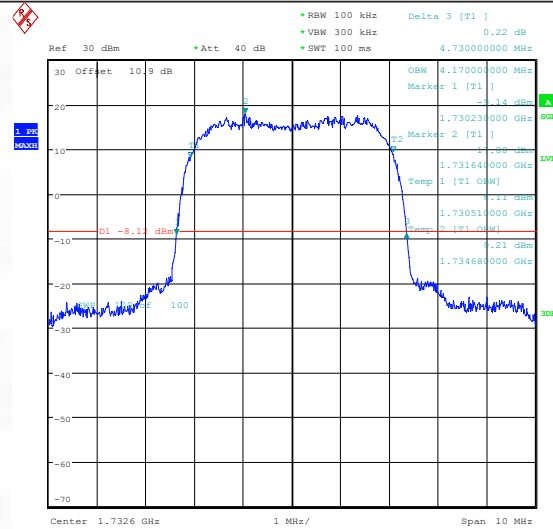
Date: 31.MAY.2025 16:45:00

Band4-1413-2-PASS



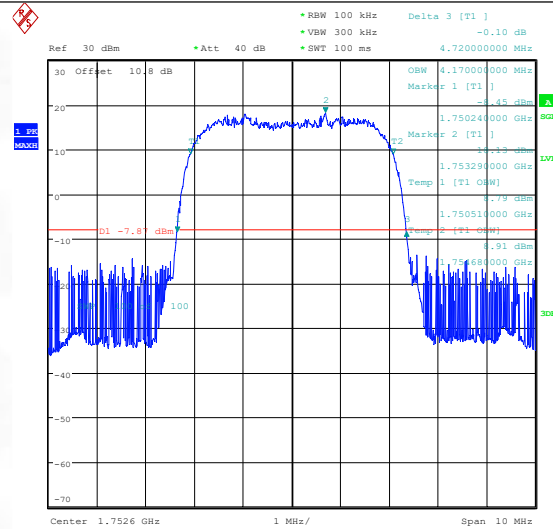
Date: 31.MAY.2025 16:46:45

Band4-1413-3-PASS



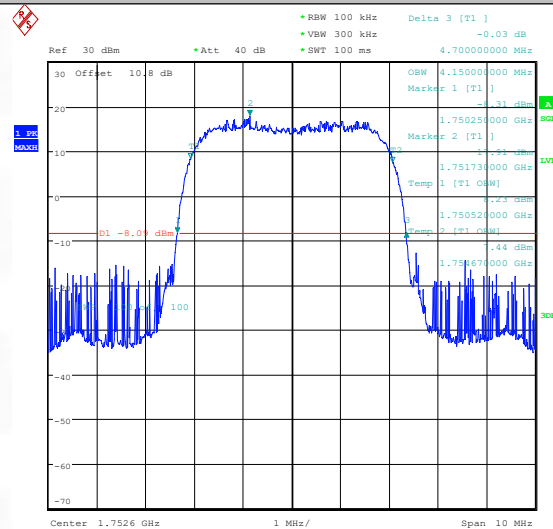
Date: 31.MAY.2025 16:48:30

Band4-1413-4-PASS



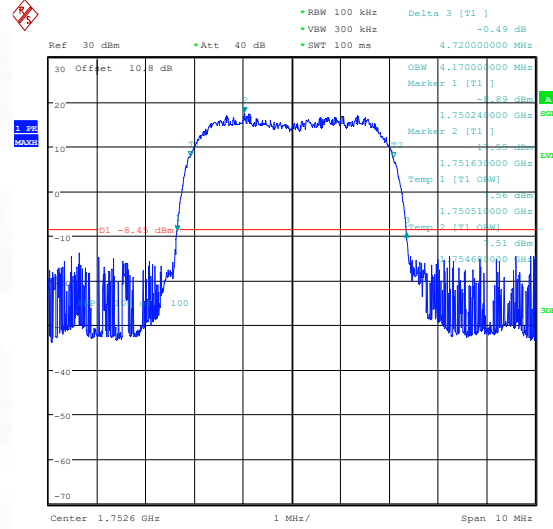
Date: 31.MAY.2025 16:43:43

Band4-1513-1-PASS



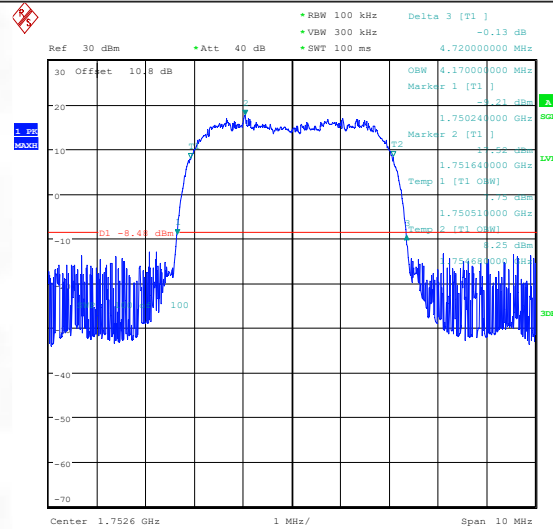
Date: 31.MAY.2025 16:45:30

Band4-1513-2-PASS



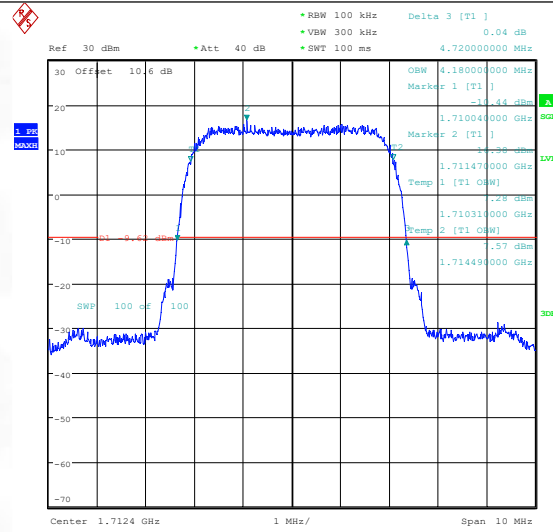
Date: 31.MAY.2025 16:47:15

Band4-1513-3-PASS



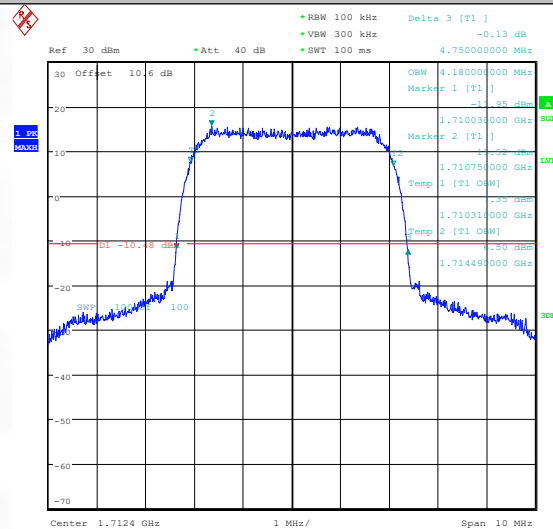
Date: 31.MAY.2025 16:49:00

Band4-1513-4-PASS



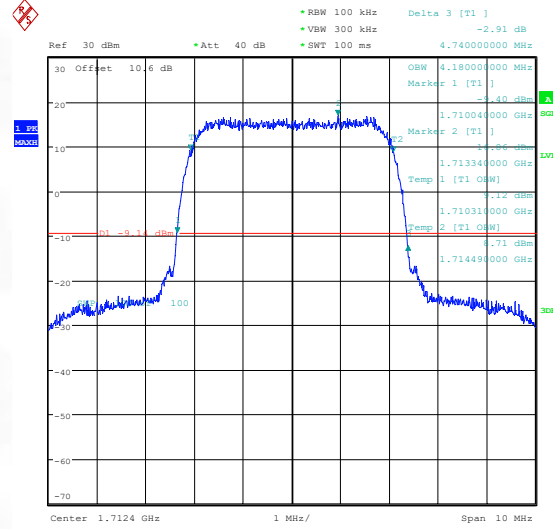
Date: 31.MAY.2025 18:09:12

Band4-1312-1-PASS



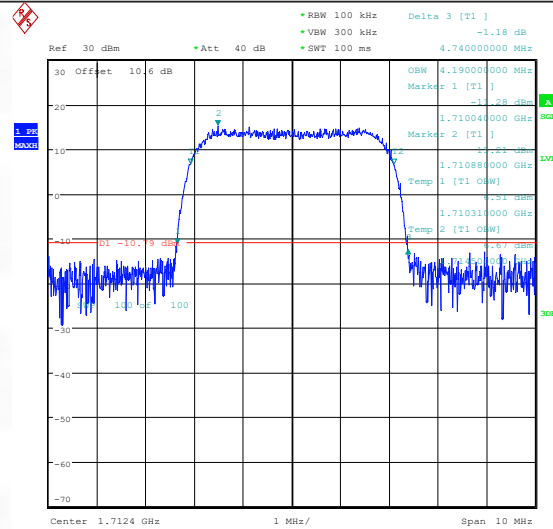
Date: 31.MAY.2025 18:12:31

Band4-1312-2-PASS



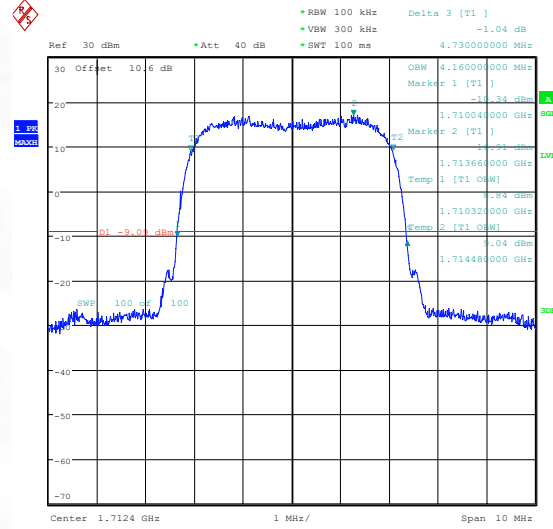
Date: 31.MAY.2025 18:15:52

Band4-1312-3-PASS



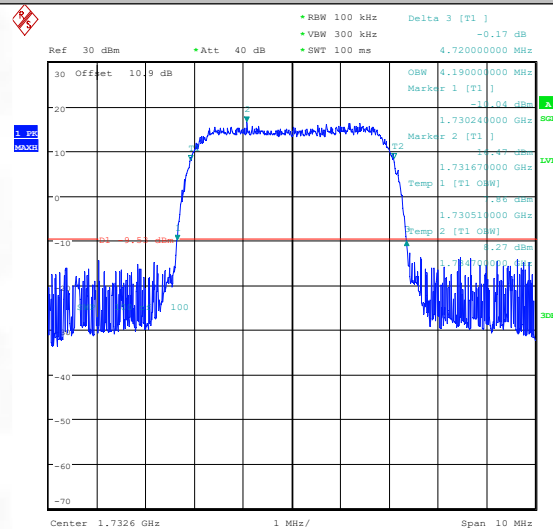
Date: 31.MAY.2025 18:19:33

Band4-1312-4-PASS



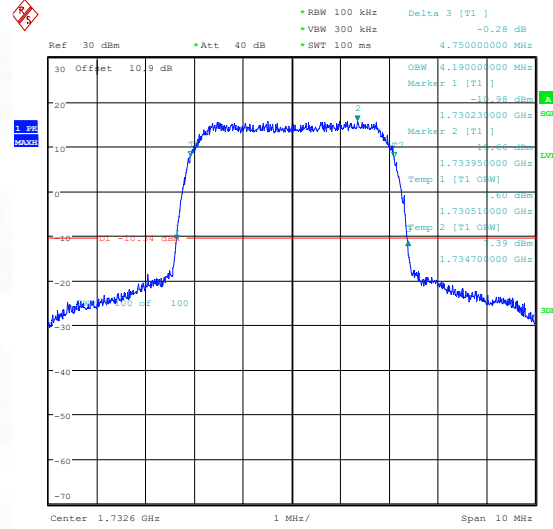
Date: 31.MAY.2025 18:23:04

Band4-1312-5-PASS



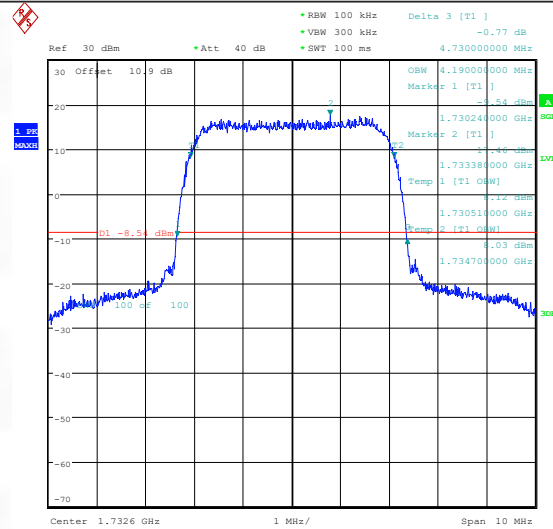
Date: 31.MAY.2025 18:10:27

Band4-1413-1-PASS



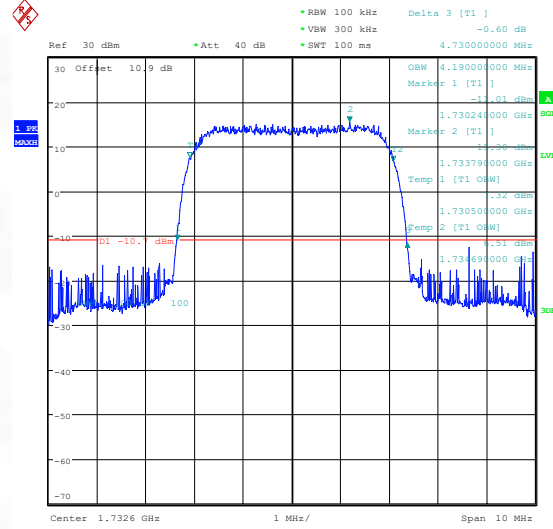
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Band4-1413-2-PASS



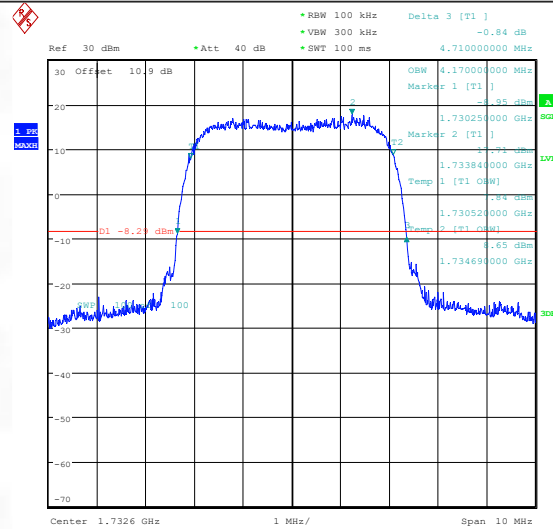
Date: 31.MAY.2025 18:17:21

Band4-1413-3-PASS



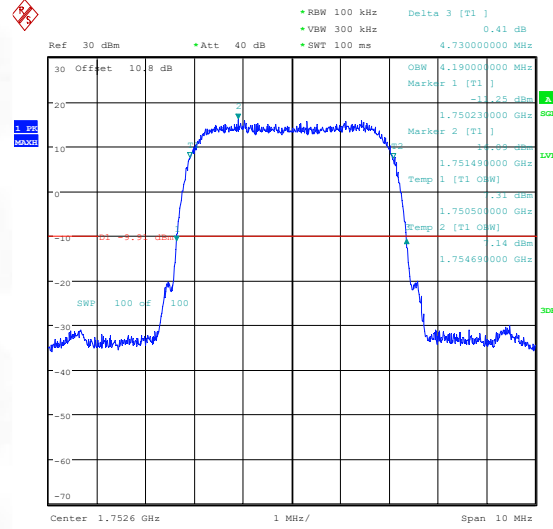
Date: 31.MAY.2025 18:20:50

Band4-1413-4-PASS



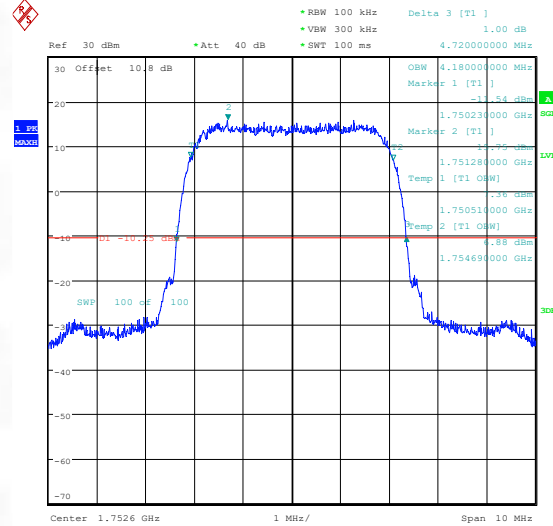
Date: 31.MAY.2025 18:23:41

Band4-1413-5-PASS



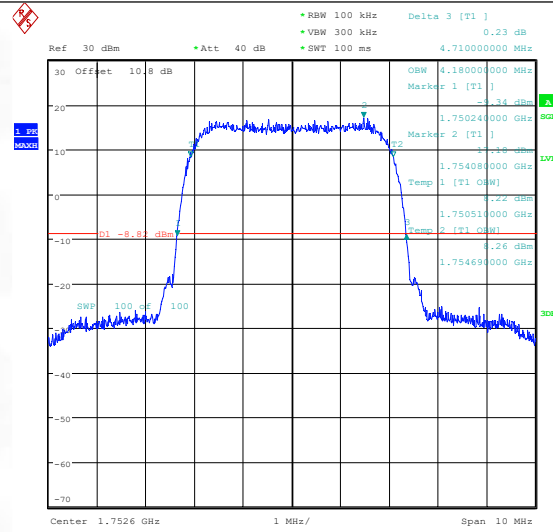
Date: 31.MAY.2025 18:11:38

Band4-1513-1-PASS



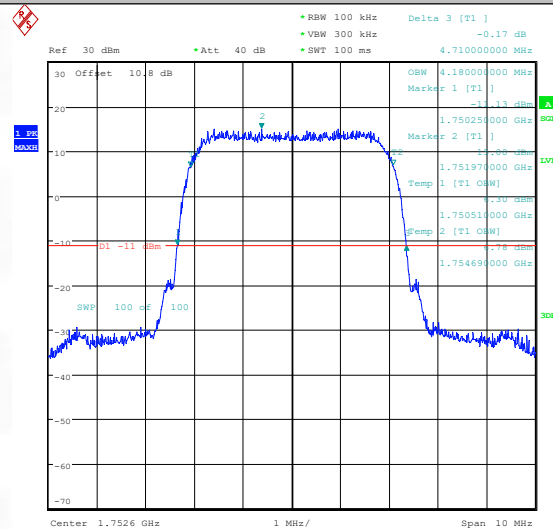
Date: 31.MAY.2025 18:14:57

Band4-1513-2-PASS



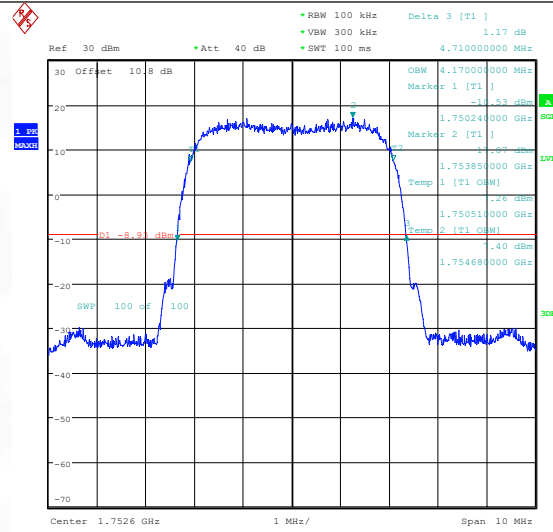
Date: 31.MAY.2025 18:18:36

Band4-1513-3-PASS



Date: 31.MAY.2025 18:22:07

Band4-1513-4-PASS



Date: 31.MAY.2025 18:24:17

Band4-1513-5-PASS

1.4 AppendixD:Band Edge

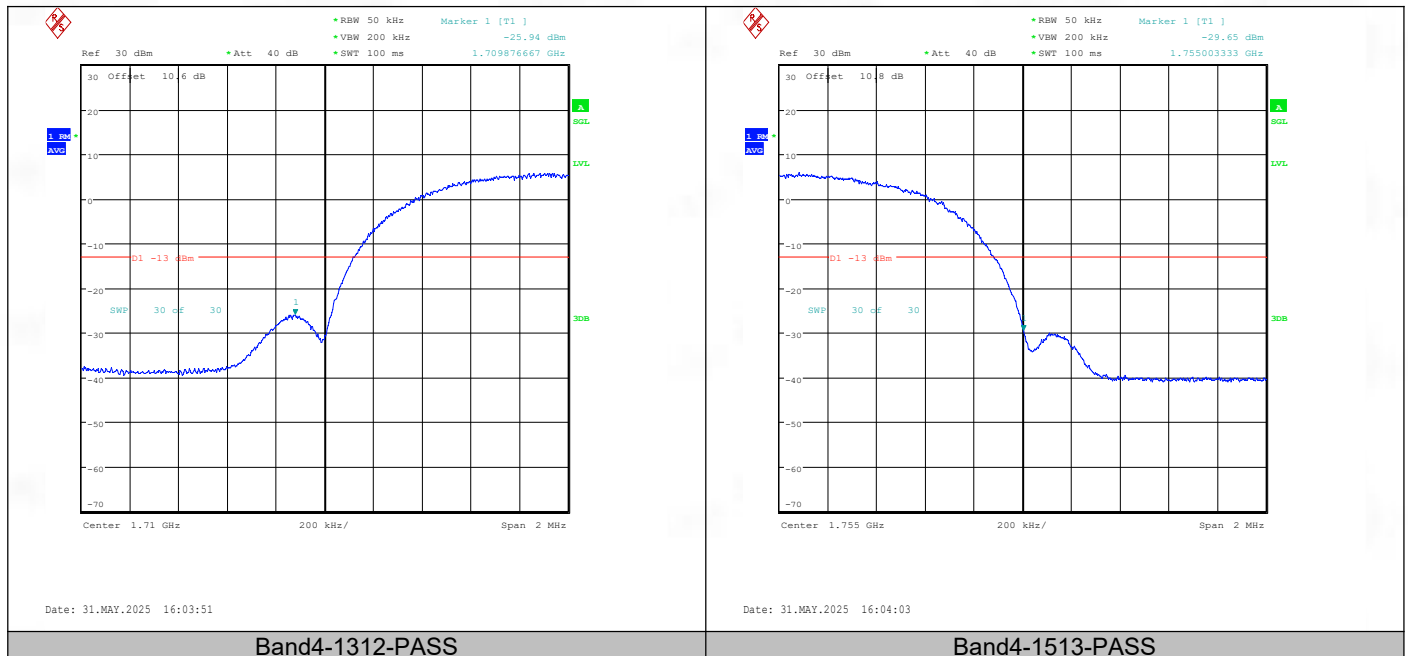
1.4.1 Test Result

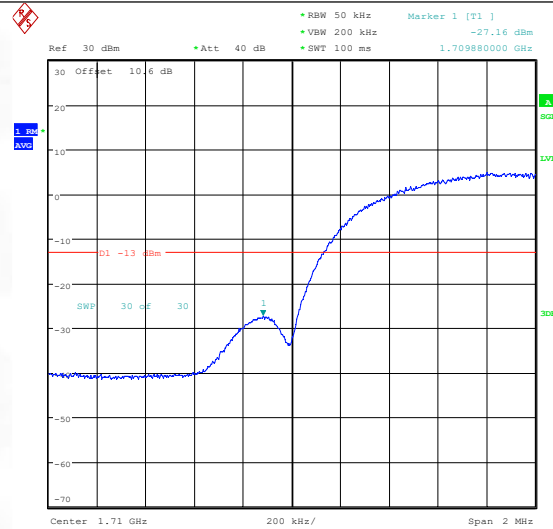
Band	Channel	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band4	1312	1709.88	-25.94	-13	PASS
Band4	1513	1755.00	-29.65	-13	PASS

Band	Channel	SubTest	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band4	1312	1	1709.88	-27.16	-13	PASS
Band4	1312	2	1709.87	-30.10	-13	PASS
Band4	1312	3	1710.00	-29.66	-13	PASS
Band4	1312	4	1710.00	-29.53	-13	PASS
Band4	1513	1	1755.13	-30.48	-13	PASS
Band4	1513	2	1755.12	-30.14	-13	PASS
Band4	1513	3	1755.12	-29.40	-13	PASS
Band4	1513	4	1755.11	-29.26	-13	PASS

Band	Channel	SubTest	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band4	1312	1	1709.87	-31.32	-13	PASS
Band4	1312	2	1710.00	-30.69	-13	PASS
Band4	1312	3	1709.87	-29.09	-13	PASS
Band4	1312	4	1709.86	-31.39	-13	PASS
Band4	1312	5	1709.86	-29.54	-13	PASS
Band4	1513	1	1755.13	-32.24	-13	PASS
Band4	1513	2	1755.12	-31.05	-13	PASS
Band4	1513	3	1755.11	-30.31	-13	PASS
Band4	1513	4	1755.13	-30.91	-13	PASS
Band4	1513	5	1755.12	-30.91	-13	PASS

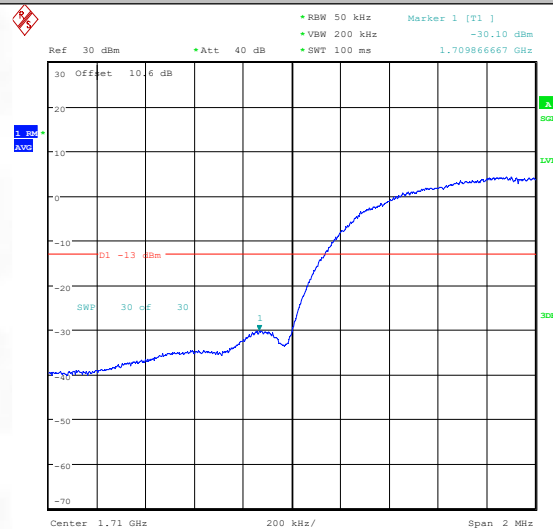
1.4.2 Test Graphs





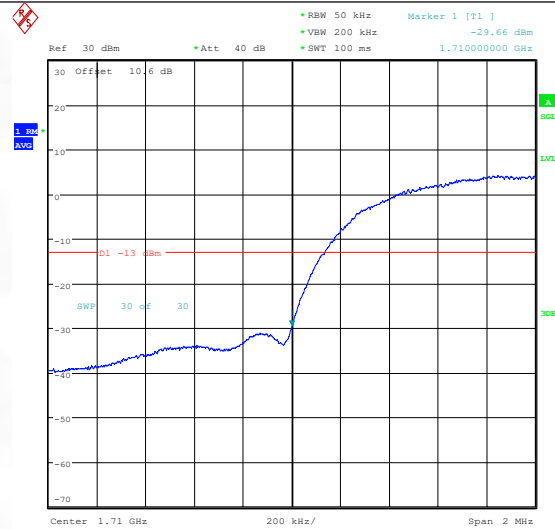
Date: 31.MAY.2025 16:49:37

Band4-1312-1-PASS



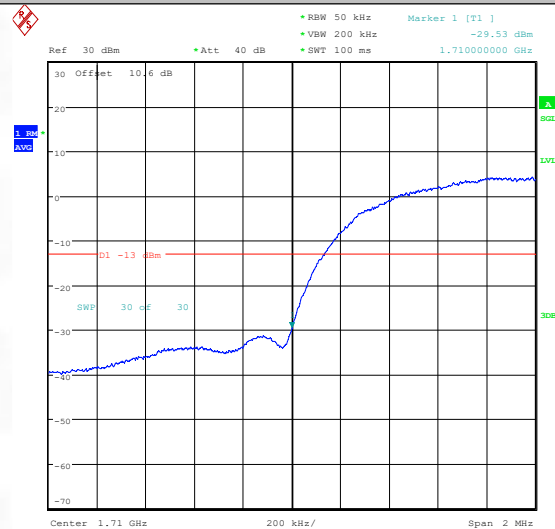
Date: 31.MAY.2025 16:50:28

Band4-1312-2-PASS



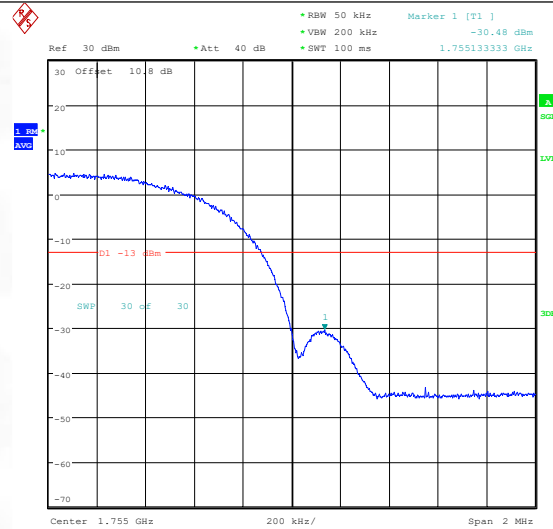
Date: 31.MAY.2025 16:51:20

Band4-1312-3-PASS



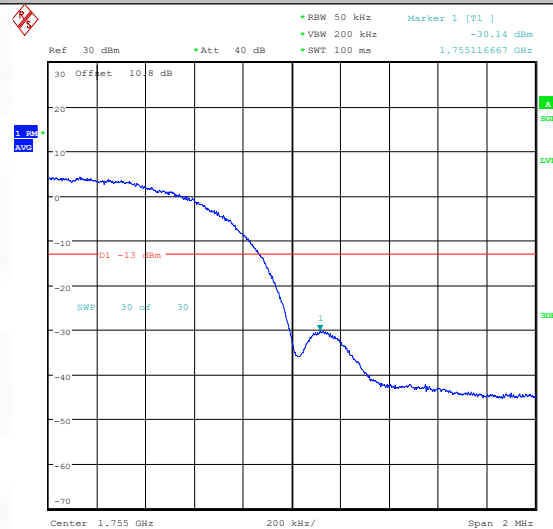
Date: 31.MAY.2025 16:52:11

Band4-1312-4-PASS



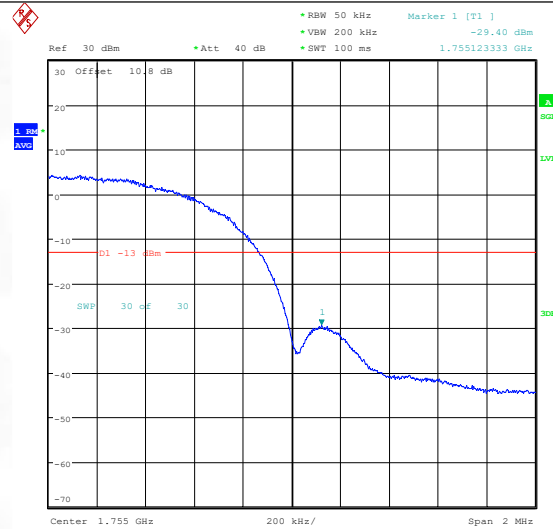
Date: 31.MAY.2025 16:49:55

Band4-1513-1-PASS



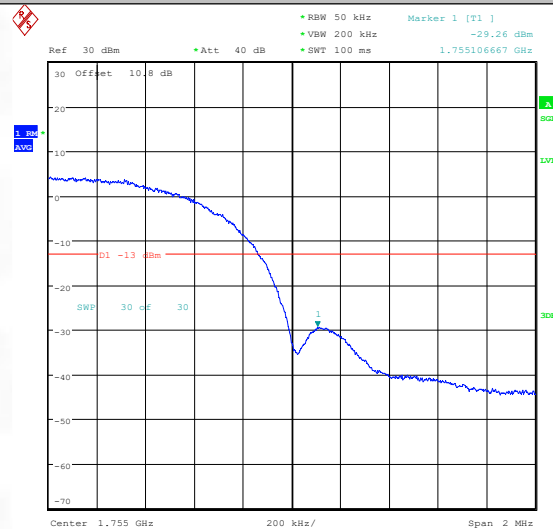
Date: 31.MAY.2025 16:50:46

Band4-1513-2-PASS



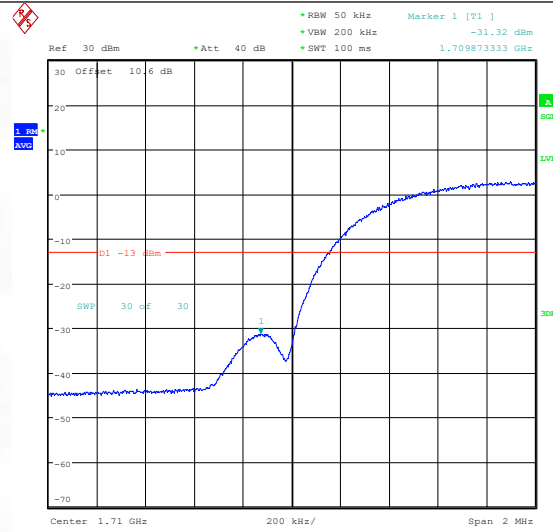
Date: 31.MAY.2025 16:51:37

Band4-1513-3-PASS



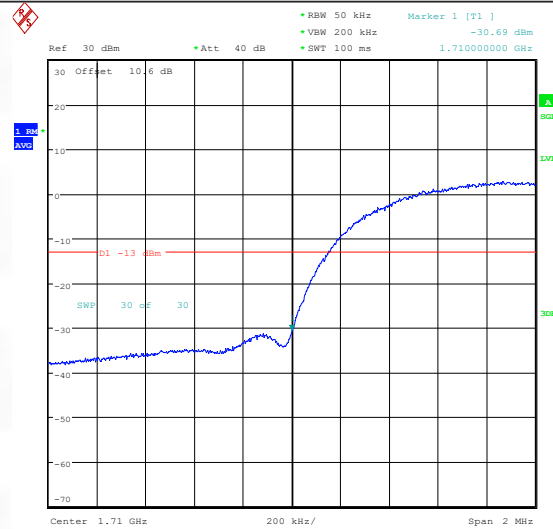
Date: 31.MAY.2025 16:52:28

Band4-1513-4-PASS



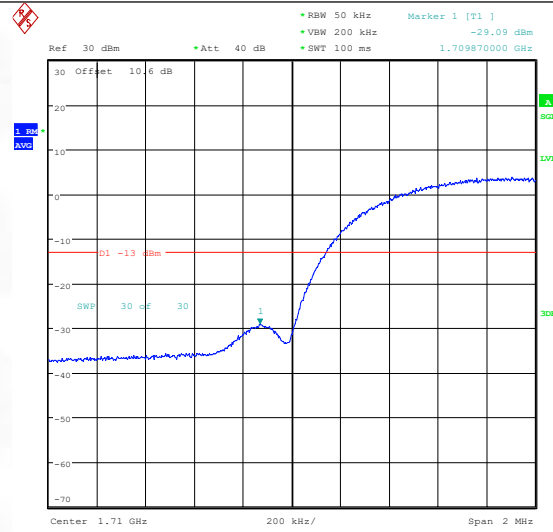
Date: 31.MAY.2025 18:26:13

Band4-1312-1-PASS



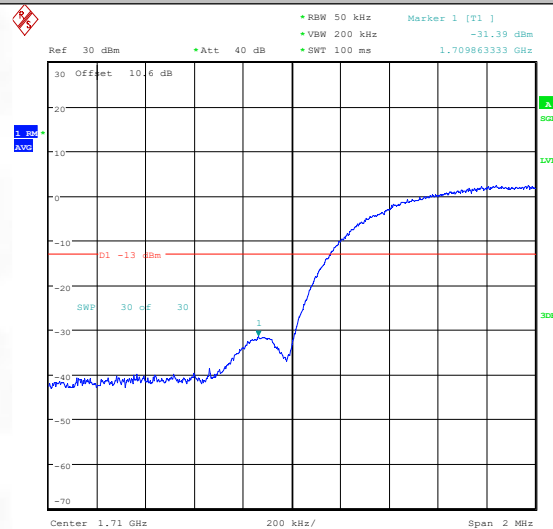
Date: 31.MAY.2025 18:27:55

Band4-1312-2-PASS



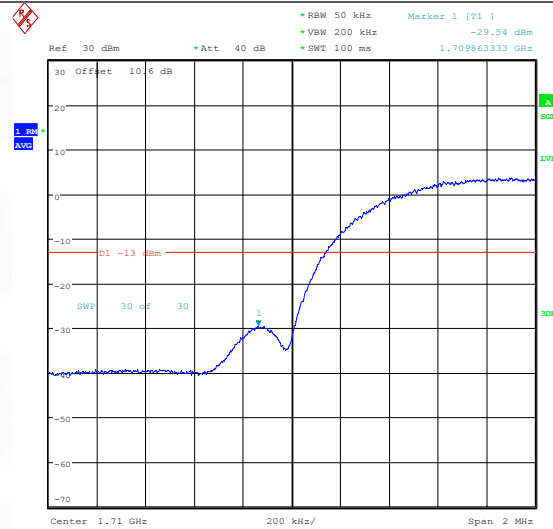
Date: 31.MAY.2025 18:29:38

Band4-1312-3-PASS



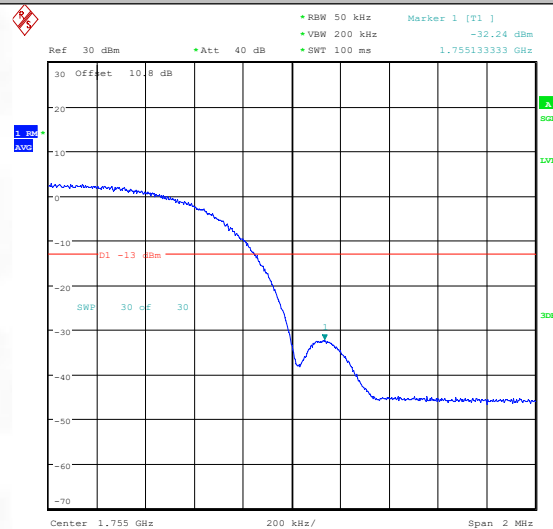
Date: 31.MAY.2025 18:31:20

Band4-1312-4-PASS



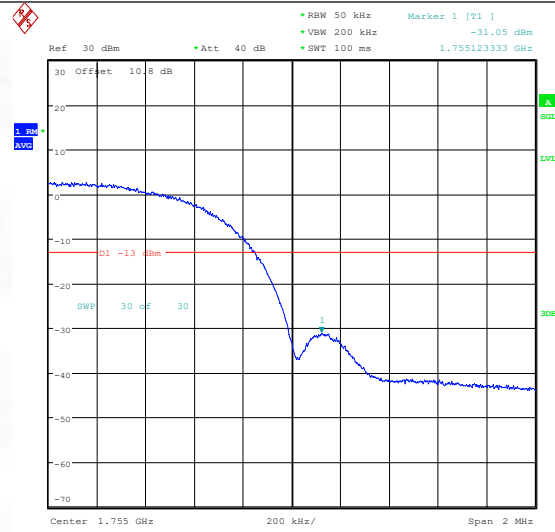
Date: 31.MAY.2025 18:33:01

Band4-1312-5-PASS



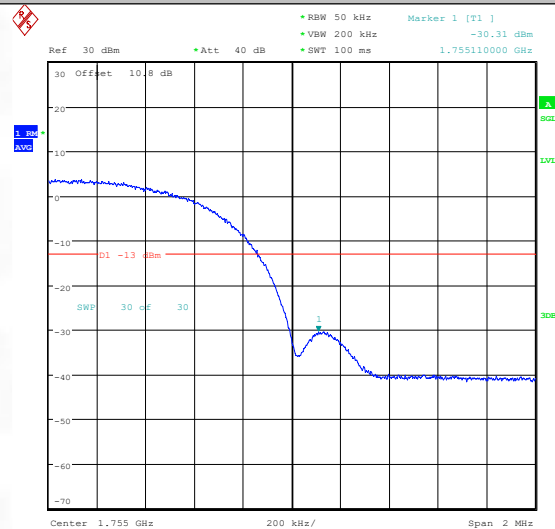
Date: 31.MAY.2025 18:27:10

Band4-1513-1-PASS



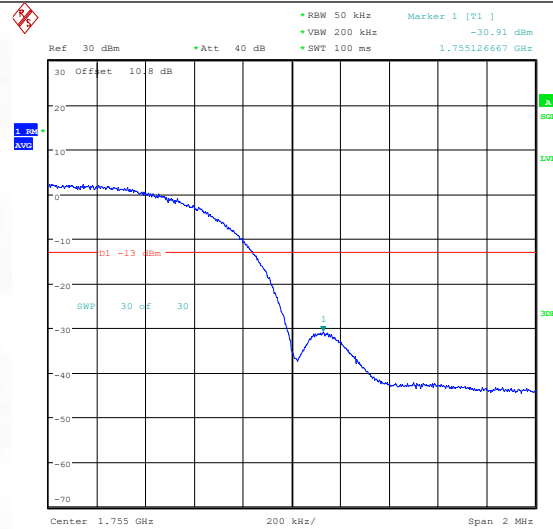
Date: 31.MAY.2025 18:28:57

Band4-1513-2-PASS



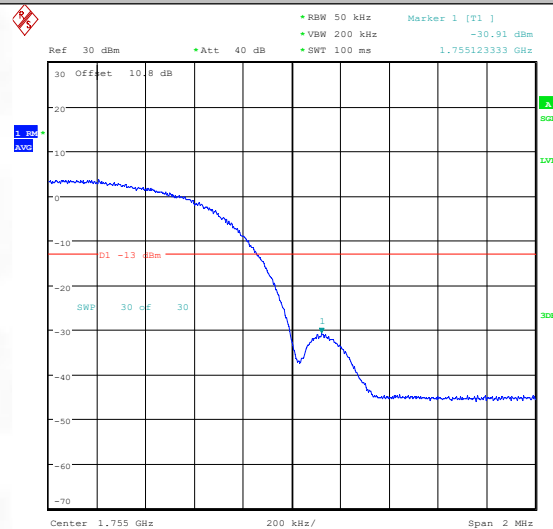
Date: 31.MAY.2025 18:30:40

Band4-1513-3-PASS



Date: 31.MAY.2025 18:32:20

Band4-1513-4-PASS



Date: 31.MAY.2025 18:33:25

Band4-1513-5-PASS

1.5 AppendixE:Conducted SpuriousEmission

1.5.1 Test Result

Band	Channel	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band4	1312	0.009~0.15MHz	0.06	-61.8	-43	PASS
Band4	1312	0.15~30MHz	0.18	-58.75	-33	PASS
Band4	1312	30~1000MHz	199.75	-50.49	-13	PASS
Band4	1312	1000~20000MHz	3185	-43.61	-13	PASS
Band4	1413	0.009~0.15MHz	0.06	-61.41	-43	PASS
Band4	1413	0.15~30MHz	0.18	-58.65	-33	PASS
Band4	1413	30~1000MHz	229.82	-50.48	-13	PASS
Band4	1413	1000~20000MHz	3185	-43.49	-13	PASS
Band4	1513	0.009~0.15MHz	0.06	-61.71	-43	PASS
Band4	1513	0.15~30MHz	0.15	-58.42	-33	PASS
Band4	1513	30~1000MHz	200.72	-50.48	-13	PASS
Band4	1513	1000~20000MHz	3185	-43.1	-13	PASS

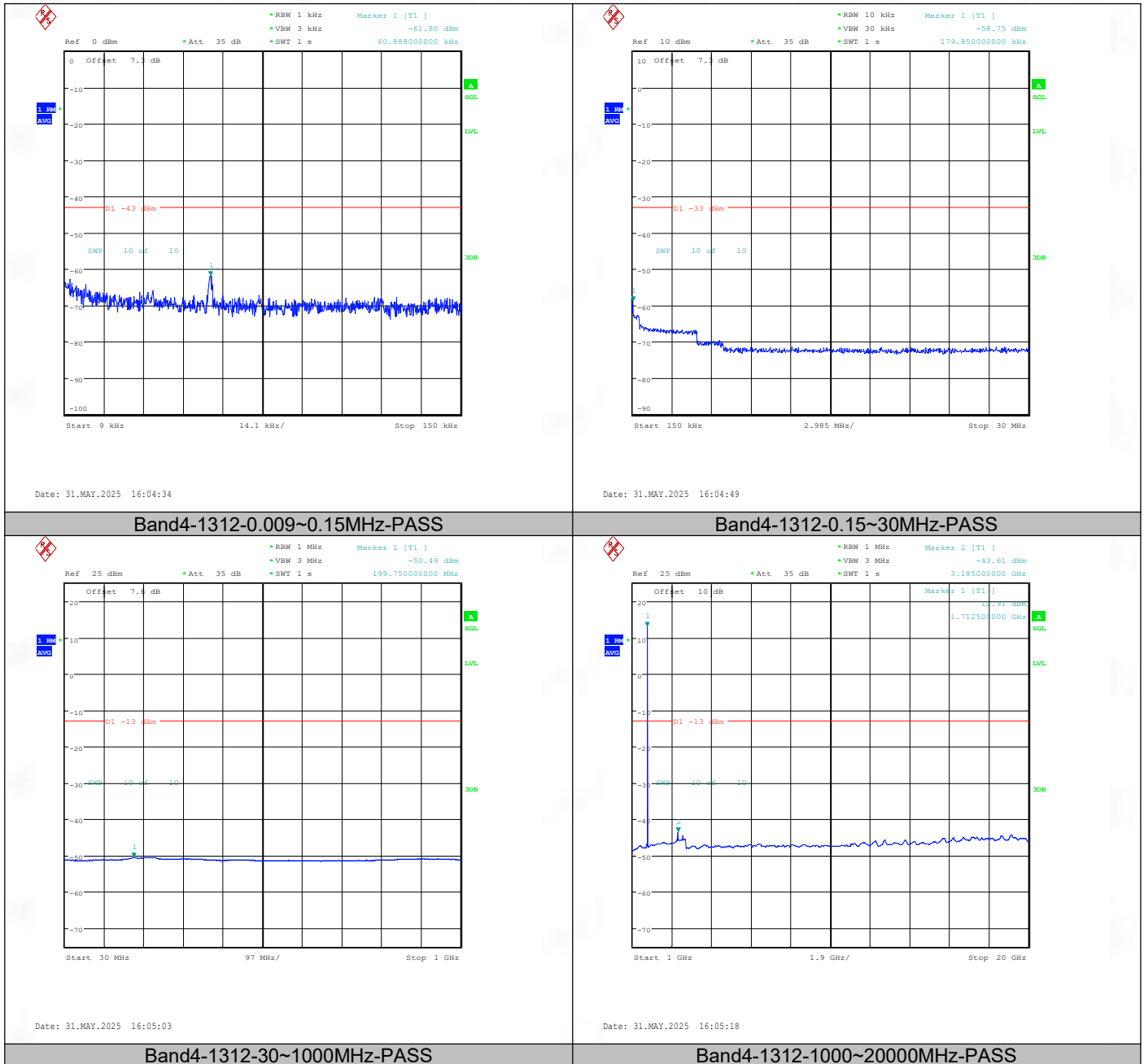
Band	Channel	SubTest	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band4	1312	1	0.009~0.15MHz	0.06	-61.7	-43	PASS
Band4	1312	1	0.15~30MHz	0.18	-58.97	-33	PASS
Band4	1312	1	30~1000MHz	220.61	-50.47	-13	PASS
Band4	1312	1	1000~20000MHz	3194.5	-44.03	-13	PASS
Band4	1312	2	0.009~0.15MHz	0.06	-60.32	-43	PASS
Band4	1312	2	0.15~30MHz	0.18	-58.92	-33	PASS
Band4	1312	2	30~1000MHz	200.24	-50.48	-13	PASS
Band4	1312	2	1000~20000MHz	3194.5	-44	-13	PASS
Band4	1312	3	0.009~0.15MHz	0.06	-61.6	-43	PASS
Band4	1312	3	0.15~30MHz	0.15	-58.85	-33	PASS
Band4	1312	3	30~1000MHz	237.1	-50.5	-13	PASS
Band4	1312	3	1000~20000MHz	3194.5	-43.91	-13	PASS
Band4	1312	4	0.009~0.15MHz	0.06	-62.29	-43	PASS
Band4	1312	4	0.15~30MHz	0.15	-58.62	-33	PASS
Band4	1312	4	30~1000MHz	236.13	-50.49	-13	PASS
Band4	1312	4	1000~20000MHz	3194.5	-44.01	-13	PASS
Band4	1413	1	0.009~0.15MHz	0.06	-61.48	-43	PASS
Band4	1413	1	0.15~30MHz	0.18	-58.29	-33	PASS
Band4	1413	1	30~1000MHz	201.69	-50.45	-13	PASS
Band4	1413	1	1000~20000MHz	3194.5	-44.15	-13	PASS
Band4	1413	2	0.009~0.15MHz	0.06	-62.26	-43	PASS
Band4	1413	2	0.15~30MHz	0.15	-58.59	-33	PASS
Band4	1413	2	30~1000MHz	199.75	-50.5	-13	PASS
Band4	1413	2	1000~20000MHz	3194.5	-43.76	-13	PASS
Band4	1413	3	0.009~0.15MHz	0.06	-62.51	-43	PASS
Band4	1413	3	0.15~30MHz	0.15	-58.49	-33	PASS
Band4	1413	3	30~1000MHz	233.7	-50.5	-13	PASS
Band4	1413	3	1000~20000MHz	3194.5	-43.8	-13	PASS
Band4	1413	4	0.009~0.15MHz	0.06	-62.1	-43	PASS
Band4	1413	4	0.15~30MHz	0.15	-58.23	-33	PASS
Band4	1413	4	30~1000MHz	232.73	-50.49	-13	PASS
Band4	1413	4	1000~20000MHz	3194.5	-44.06	-13	PASS
Band4	1513	1	0.009~0.15MHz	0.06	-61.49	-43	PASS
Band4	1513	1	0.15~30MHz	0.15	-58.39	-33	PASS
Band4	1513	1	30~1000MHz	200.24	-50.44	-13	PASS
Band4	1513	1	1000~20000MHz	3194.5	-44.27	-13	PASS
Band4	1513	2	0.009~0.15MHz	0.06	-61.51	-43	PASS
Band4	1513	2	0.15~30MHz	0.18	-58.82	-33	PASS
Band4	1513	2	30~1000MHz	200.72	-50.5	-13	PASS

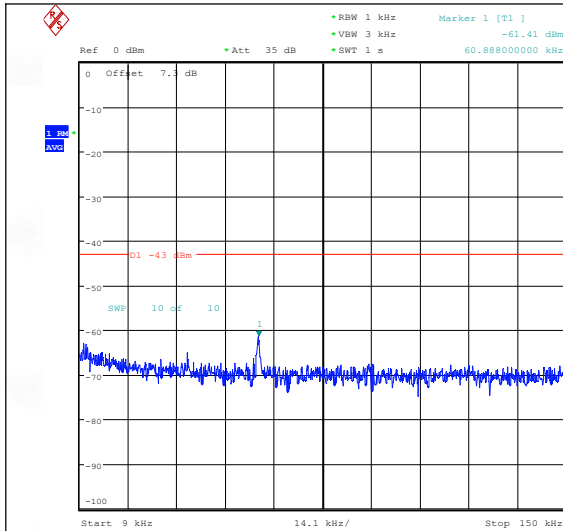
Band4	1513	2	1000~20000MHz	3194.5	-43.67	-13	PASS
Band4	1513	3	0.009~0.15MHz	0.06	-62.28	-43	PASS
Band4	1513	3	0.15~30MHz	0.15	-58.3	-33	PASS
Band4	1513	3	30~1000MHz	199.75	-50.48	-13	PASS
Band4	1513	3	1000~20000MHz	3194.5	-43.82	-13	PASS
Band4	1513	4	0.009~0.15MHz	0.06	-62.15	-43	PASS
Band4	1513	4	0.15~30MHz	0.18	-58.51	-33	PASS
Band4	1513	4	30~1000MHz	199.27	-50.49	-13	PASS
Band4	1513	4	1000~20000MHz	3194.5	-43.98	-13	PASS

Band	Channel	SubTest	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band4	1312	1	0.009~0.15MHz	0.06	-61.78	-43	PASS
Band4	1312	1	0.15~30MHz	0.18	-58.7	-33	PASS
Band4	1312	1	30~1000MHz	198.3	-50.48	-13	PASS
Band4	1312	1	1000~20000MHz	3194.5	-43.99	-13	PASS
Band4	1312	2	0.009~0.15MHz	0.06	-62.59	-43	PASS
Band4	1312	2	0.15~30MHz	0.18	-58.62	-33	PASS
Band4	1312	2	30~1000MHz	201.69	-50.5	-13	PASS
Band4	1312	2	1000~20000MHz	19173.5	-44.28	-13	PASS
Band4	1312	3	0.009~0.15MHz	0.06	-62.24	-43	PASS
Band4	1312	3	0.15~30MHz	0.18	-58.58	-33	PASS
Band4	1312	3	30~1000MHz	227.4	-50.47	-13	PASS
Band4	1312	3	1000~20000MHz	19164	-44.24	-13	PASS
Band4	1312	4	0.009~0.15MHz	0.06	-61.47	-43	PASS
Band4	1312	4	0.15~30MHz	0.15	-58.23	-33	PASS
Band4	1312	4	30~1000MHz	198.78	-50.44	-13	PASS
Band4	1312	4	1000~20000MHz	3194.5	-44.2	-13	PASS
Band4	1312	5	0.009~0.15MHz	0.06	-61.79	-43	PASS
Band4	1312	5	0.15~30MHz	0.15	-58.24	-33	PASS
Band4	1312	5	30~1000MHz	198.78	-50.45	-13	PASS
Band4	1312	5	1000~20000MHz	3194.5	-44.17	-13	PASS
Band4	1413	1	0.009~0.15MHz	0.06	-62.25	-43	PASS
Band4	1413	1	0.15~30MHz	0.15	-58.48	-33	PASS
Band4	1413	1	30~1000MHz	233.7	-50.5	-13	PASS
Band4	1413	1	1000~20000MHz	19154.5	-44.3	-13	PASS
Band4	1413	2	0.009~0.15MHz	0.06	-61.6	-43	PASS
Band4	1413	2	0.15~30MHz	0.15	-58.41	-33	PASS
Band4	1413	2	30~1000MHz	240.49	-50.45	-13	PASS
Band4	1413	2	1000~20000MHz	19164	-44.36	-13	PASS
Band4	1413	3	0.009~0.15MHz	0.06	-62.11	-43	PASS
Band4	1413	3	0.15~30MHz	0.18	-58.88	-33	PASS
Band4	1413	3	30~1000MHz	202.18	-50.44	-13	PASS
Band4	1413	3	1000~20000MHz	19164	-44.27	-13	PASS
Band4	1413	4	0.009~0.15MHz	0.06	-61.73	-43	PASS
Band4	1413	4	0.15~30MHz	0.18	-58.57	-33	PASS
Band4	1413	4	30~1000MHz	203.15	-50.46	-13	PASS
Band4	1413	4	1000~20000MHz	3194.5	-44.14	-13	PASS
Band4	1413	5	0.009~0.15MHz	0.06	-61.82	-43	PASS
Band4	1413	5	0.15~30MHz	0.15	-58.46	-33	PASS
Band4	1413	5	30~1000MHz	200.72	-50.45	-13	PASS
Band4	1413	5	1000~20000MHz	3194.5	-44.08	-13	PASS
Band4	1513	1	0.009~0.15MHz	0.01	-62.12	-43	PASS
Band4	1513	1	0.15~30MHz	0.15	-58.74	-33	PASS
Band4	1513	1	30~1000MHz	201.21	-50.49	-13	PASS
Band4	1513	1	1000~20000MHz	19154.5	-44.31	-13	PASS
Band4	1513	2	0.009~0.15MHz	0.06	-61.42	-43	PASS
Band4	1513	2	0.15~30MHz	0.18	-58.37	-33	PASS
Band4	1513	2	30~1000MHz	234.67	-50.47	-13	PASS

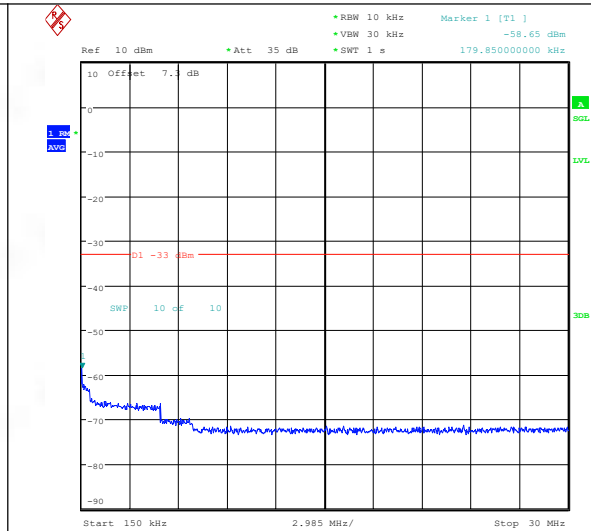
Band4	1513	2	1000~20000MHz	19173.5	-44.29	-13	PASS
Band4	1513	3	0.009~0.15MHz	0.06	-62.4	-43	PASS
Band4	1513	3	0.15~30MHz	0.18	-58.94	-33	PASS
Band4	1513	3	30~1000MHz	203.15	-50.48	-13	PASS
Band4	1513	3	1000~20000MHz	19164	-44.29	-13	PASS
Band4	1513	4	0.009~0.15MHz	0.06	-62.15	-43	PASS
Band4	1513	4	0.15~30MHz	0.15	-58.77	-33	PASS
Band4	1513	4	30~1000MHz	201.21	-50.43	-13	PASS
Band4	1513	4	1000~20000MHz	3194.5	-44.2	-13	PASS
Band4	1513	5	0.009~0.15MHz	0.06	-61.92	-43	PASS
Band4	1513	5	0.15~30MHz	0.18	-58.34	-33	PASS
Band4	1513	5	30~1000MHz	201.21	-50.45	-13	PASS
Band4	1513	5	1000~20000MHz	3194.5	-44.18	-13	PASS

1.5.2 Test Graphs



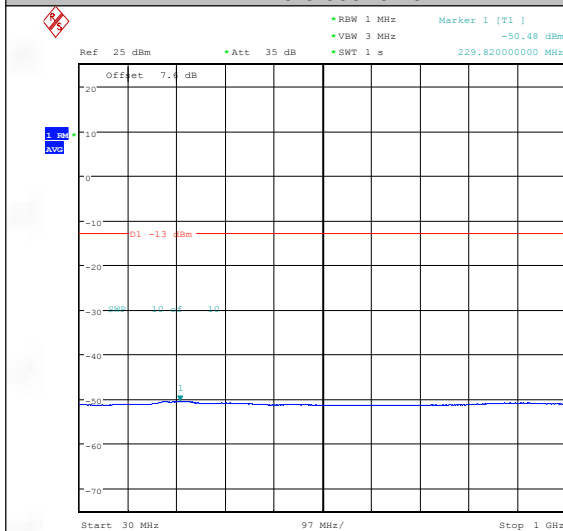


Date: 31.MAY.2025 16:05:43



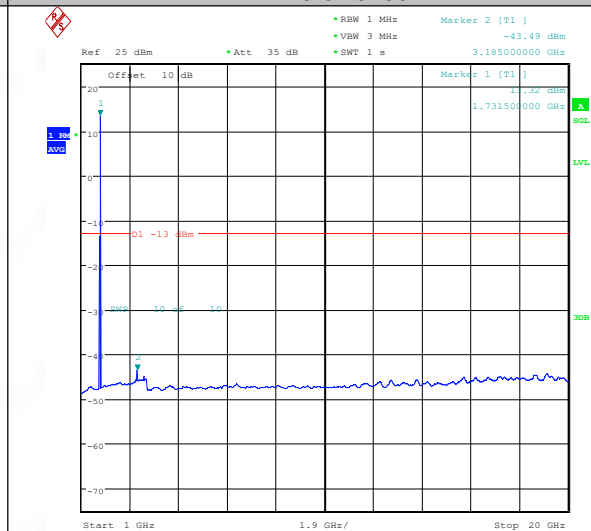
Date: 31.MAY.2025 16:05:58

Band4-1413-0.009~0.15MHz-PASS



Date: 31.MAY.2025 16:06:12

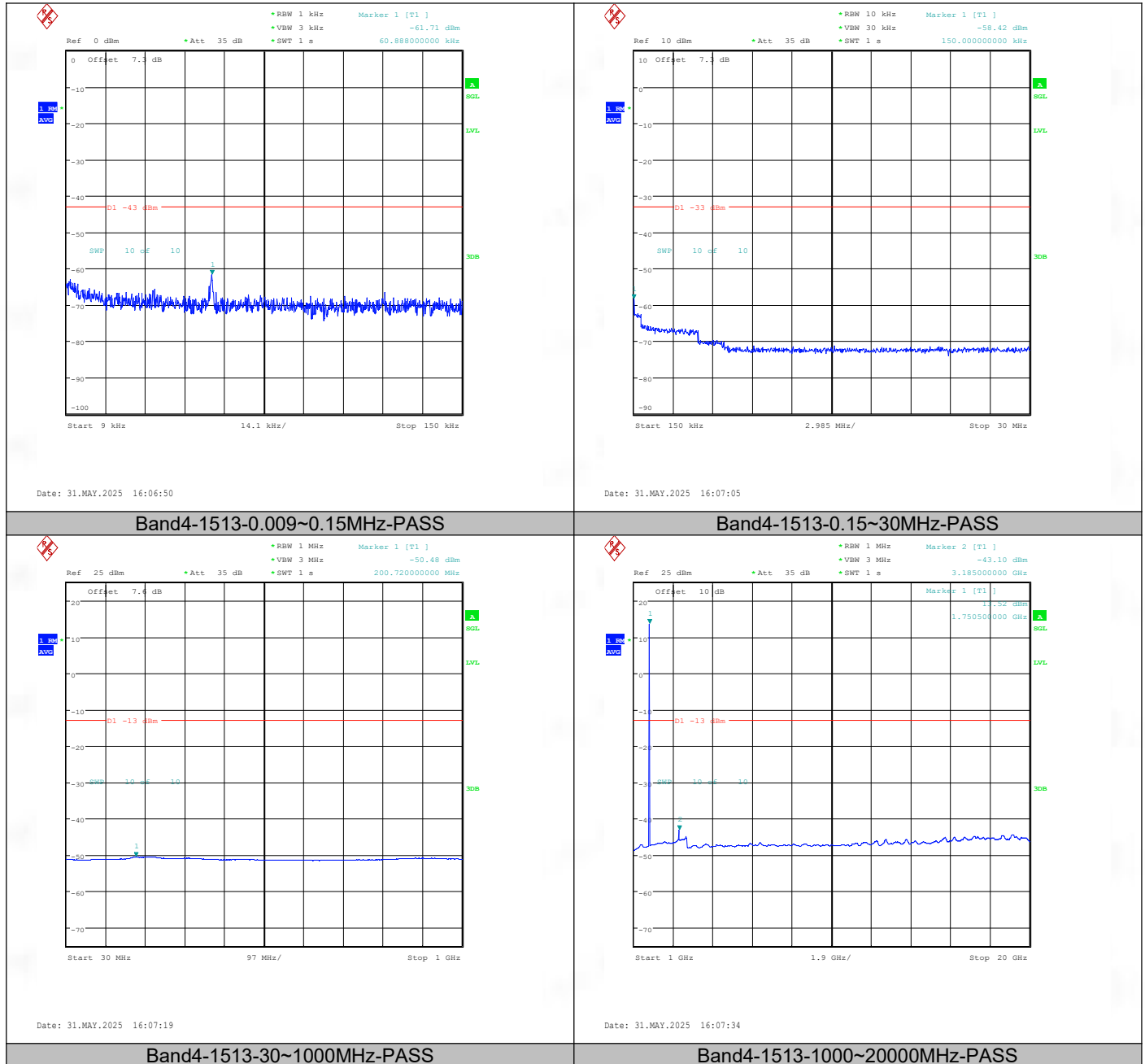
Band4-1413-0.15~30MHz-PASS

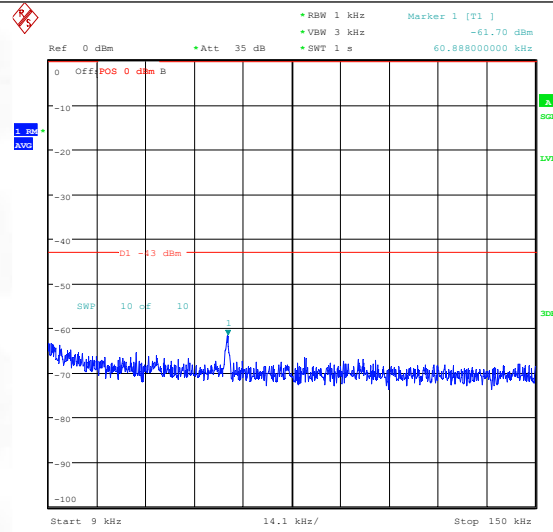


Date: 31.MAY.2025 16:06:27

Band4-1413-30~1000MHz-PASS

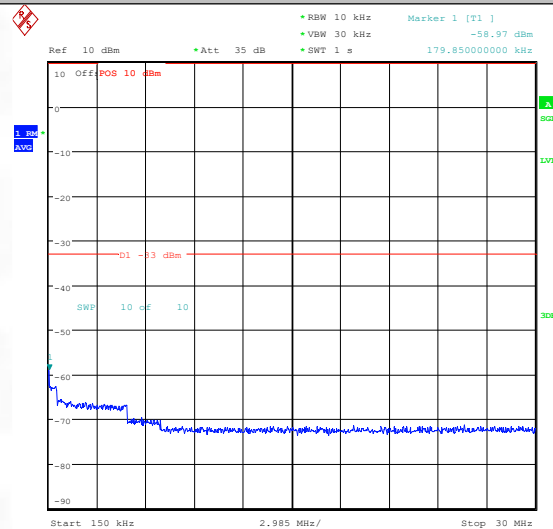
Band4-1413-1000~20000MHz-PASS





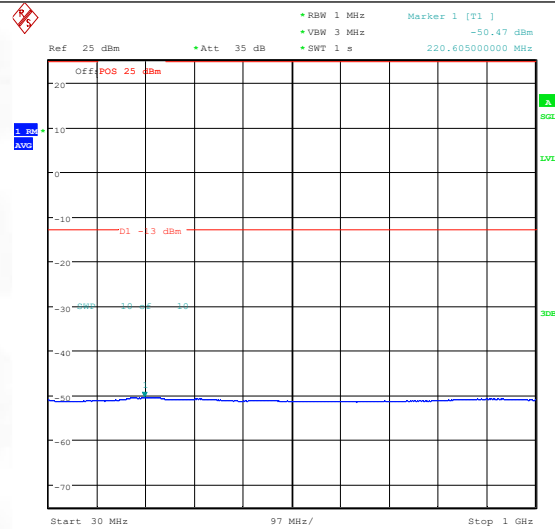
Date: 31.MAY.2025 16:53:14

Band4-1312-1-0.009~0.15MHz-PASS



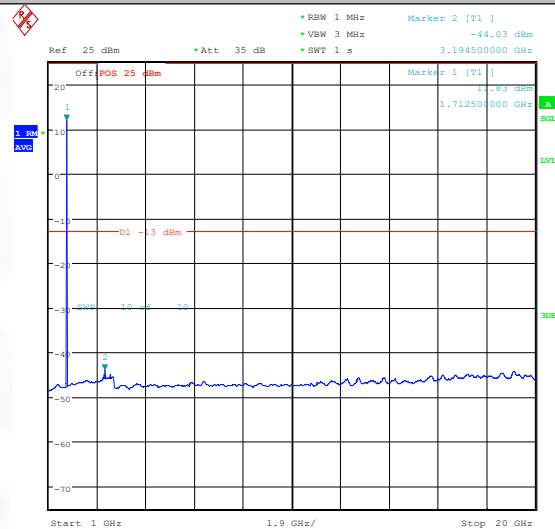
Date: 31.MAY.2025 16:53:31

Band4-1312-1-0.15~30MHz-PASS



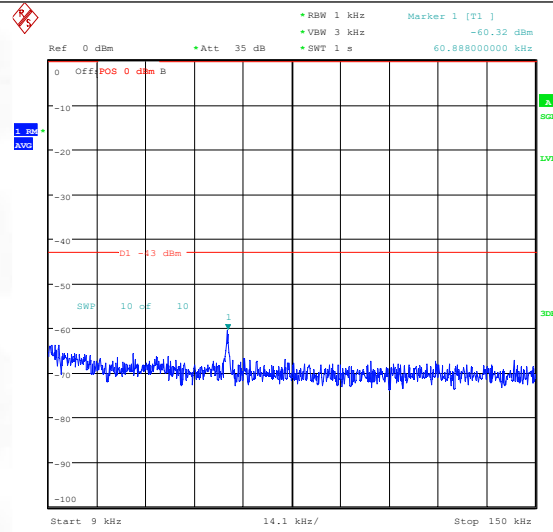
Date: 31.MAY.2025 16:53:47

Band4-1312-1-30~1000MHz-PASS



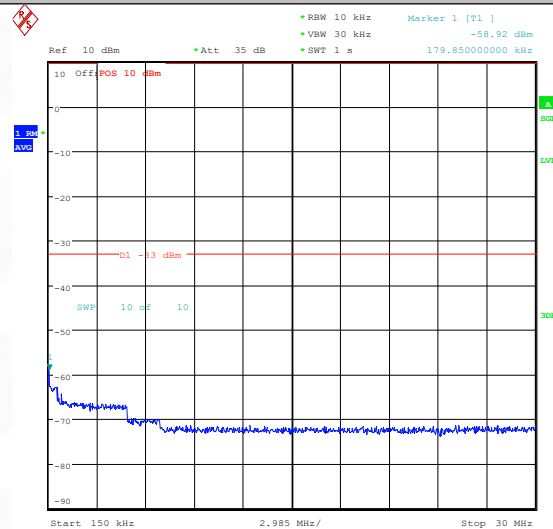
Date: 31.MAY.2025 16:54:04

Band4-1312-1-1000~20000MHz-PASS



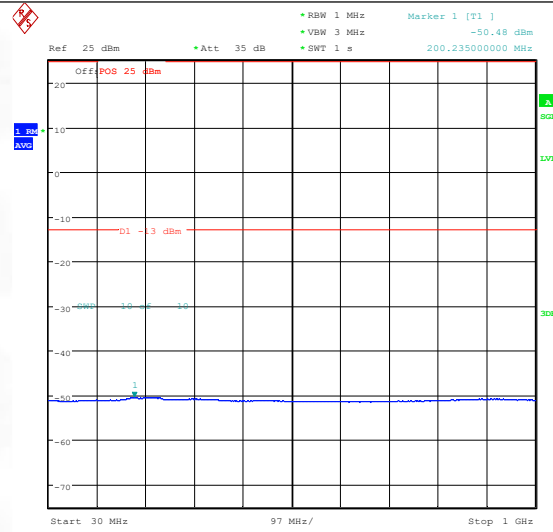
Date: 31.MAY.2025 16:57:15

Band4-1312-2-0.009~0.15MHz-PASS



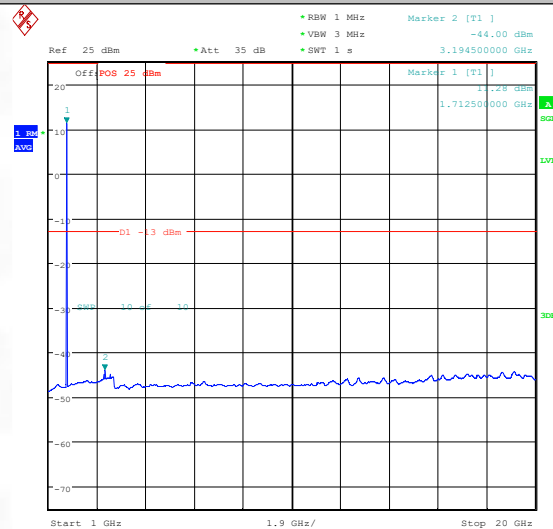
Date: 31.MAY.2025 16:57:32

Band4-1312-2-0.15~30MHz-PASS



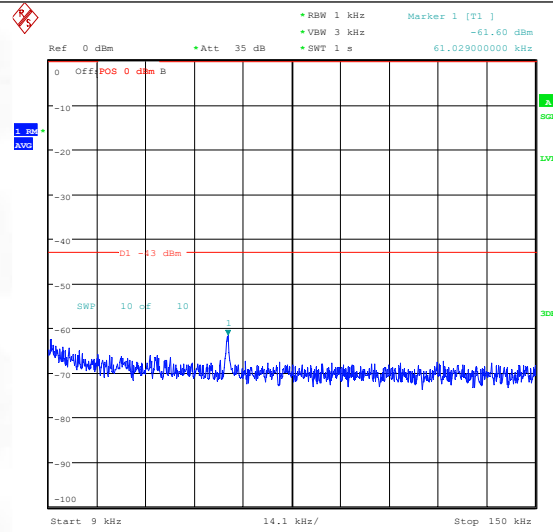
Date: 31.MAY.2025 16:57:48

Band4-1312-2-30~1000MHz-PASS



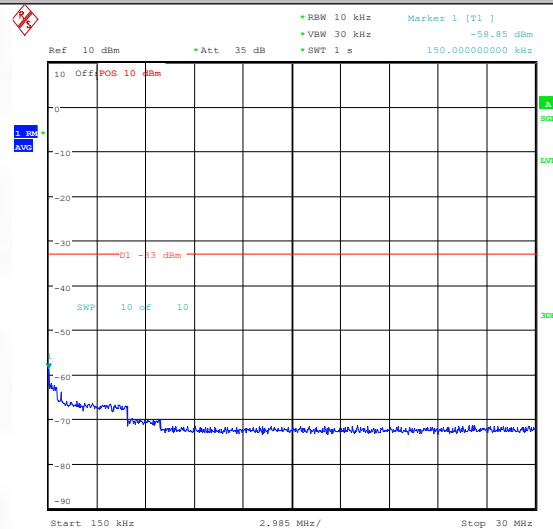
Date: 31.MAY.2025 16:58:05

Band4-1312-2-1000~20000MHz-PASS



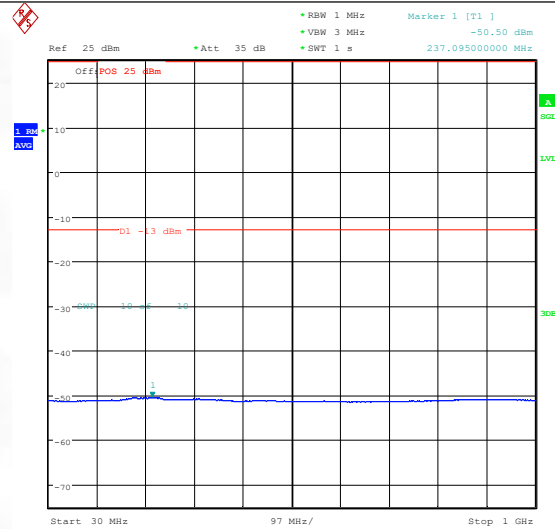
Date: 31.MAY.2025 17:01:18

Band4-1312-3-0.009~0.15MHz-PASS



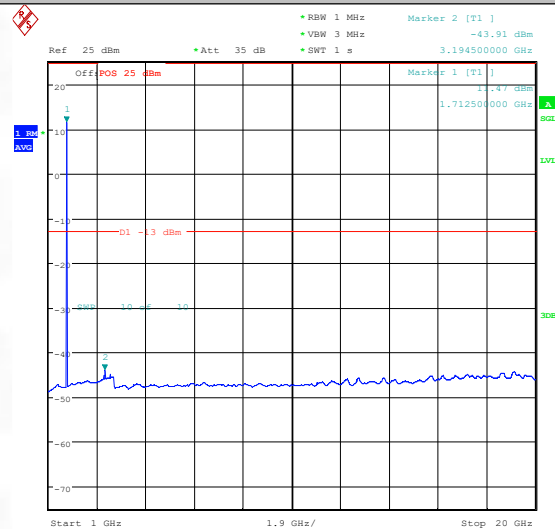
Date: 31.MAY.2025 17:01:35

Band4-1312-3-0.15~30MHz-PASS



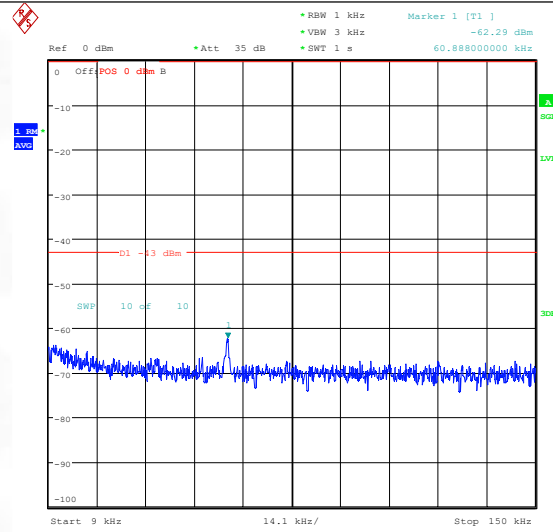
Date: 31.MAY.2025 17:01:51

Band4-1312-3-30~1000MHz-PASS



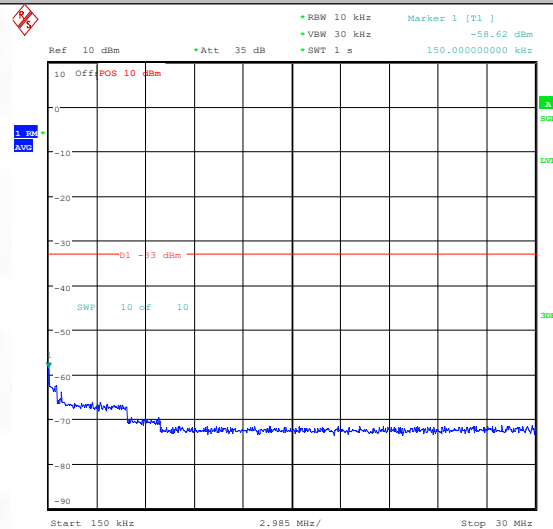
Date: 31.MAY.2025 17:02:08

Band4-1312-3-1000~20000MHz-PASS



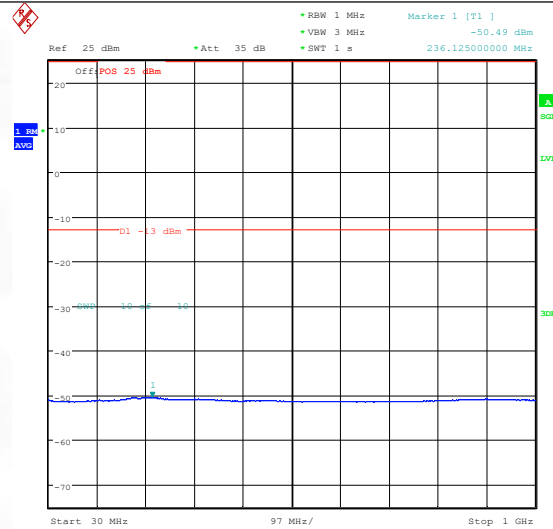
Date: 31.MAY.2025 17:05:19

Band4-1312-4-0.009~0.15MHz-PASS



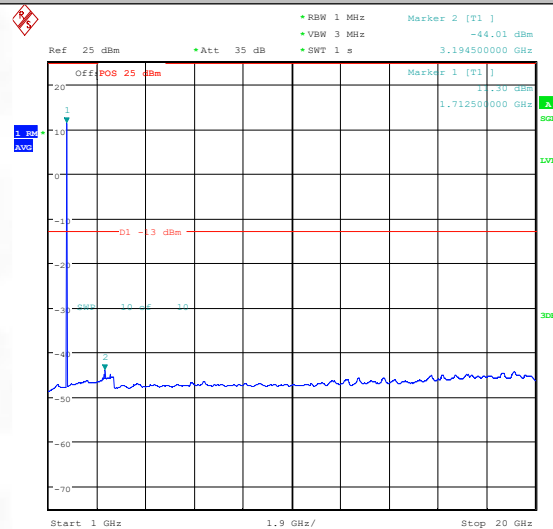
Date: 31.MAY.2025 17:05:35

Band4-1312-4-0.15~30MHz-PASS



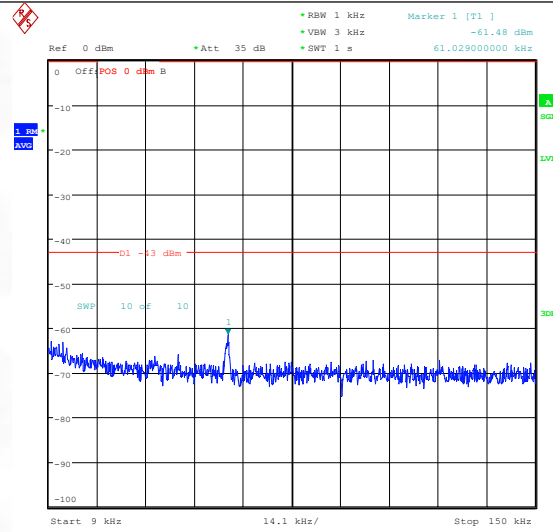
Date: 31.MAY.2025 17:05:53

Band4-1312-4-30~1000MHz-PASS



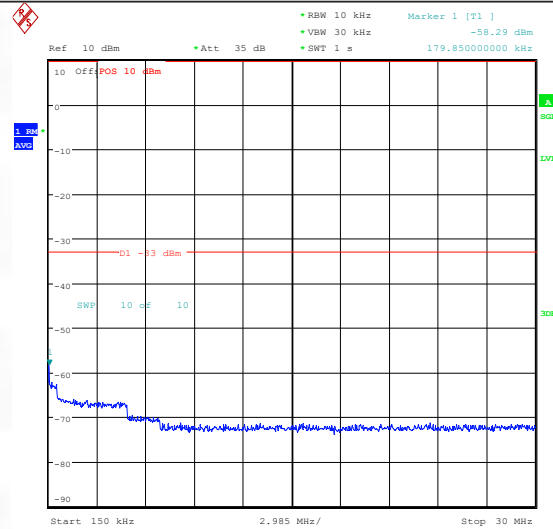
Date: 31.MAY.2025 17:06:10

Band4-1312-4-1000~20000MHz-PASS



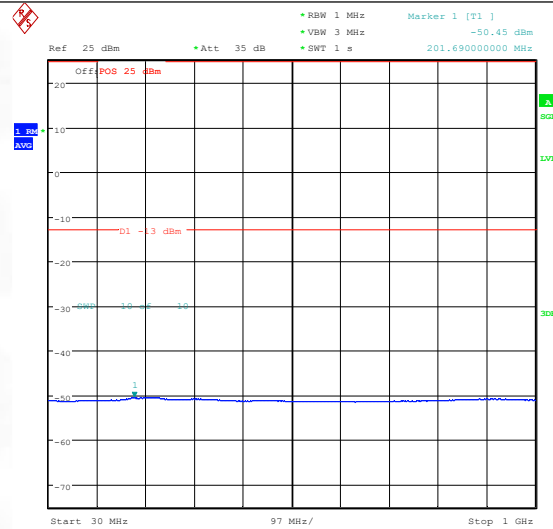
Date: 31.MAY.2025 16:54:31

Band4-1413-1-0.009~0.15MHz-PASS



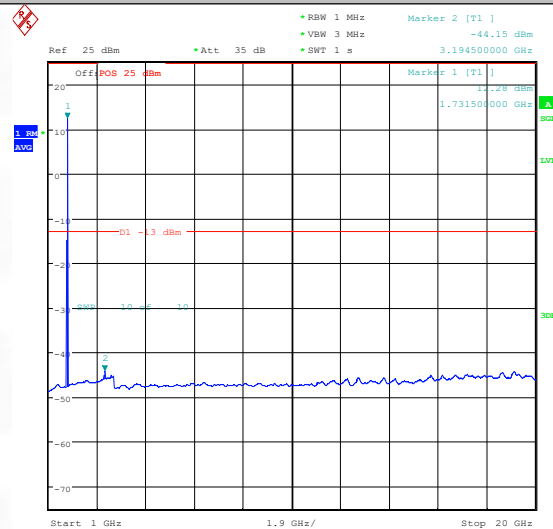
Date: 31.MAY.2025 16:54:47

Band4-1413-1-0.15~30MHz-PASS



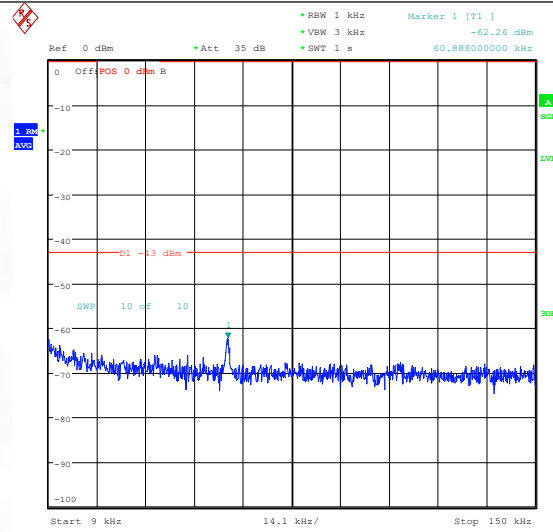
Date: 31.MAY.2025 16:55:04

Band4-1413-1-30~1000MHz-PASS



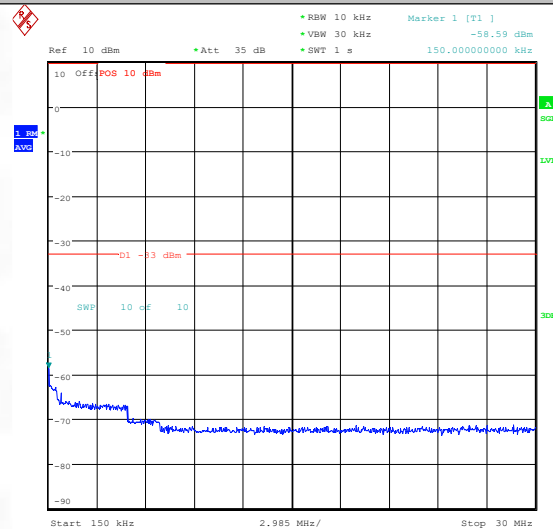
Date: 31.MAY.2025 16:55:21

Band4-1413-1-1000~20000MHz-PASS



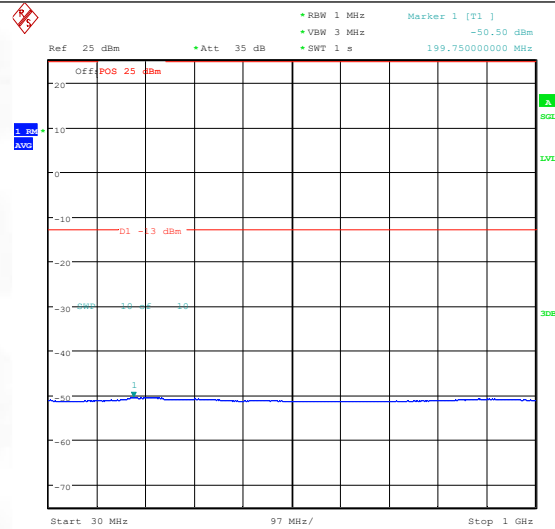
Date: 31.MAY.2025 16:58:32

Band4-1413-2-0.009~0.15MHz-PASS



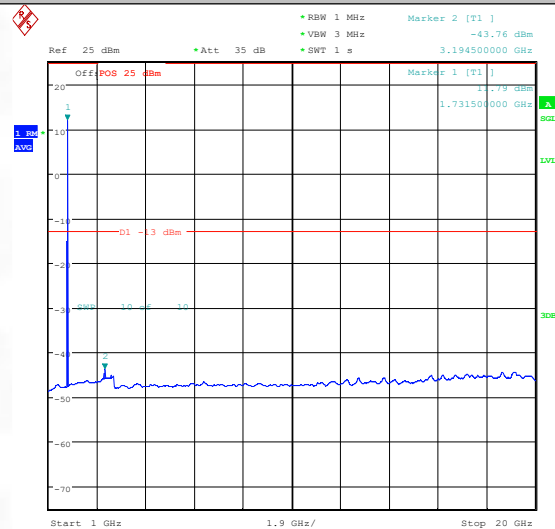
Date: 31.MAY.2025 16:58:49

Band4-1413-2-0.15~30MHz-PASS



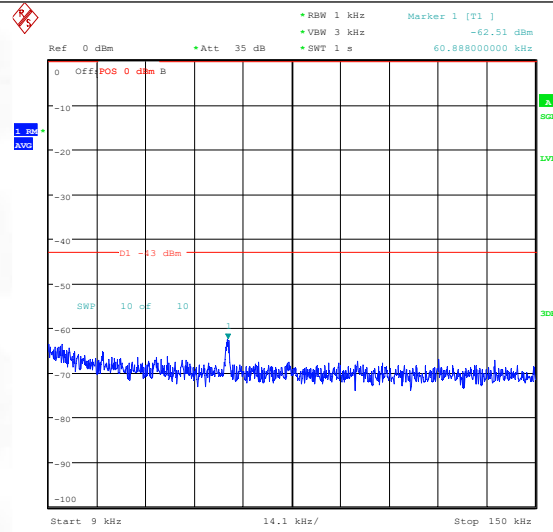
Date: 31.MAY.2025 16:59:06

Band4-1413-2-30~1000MHz-PASS



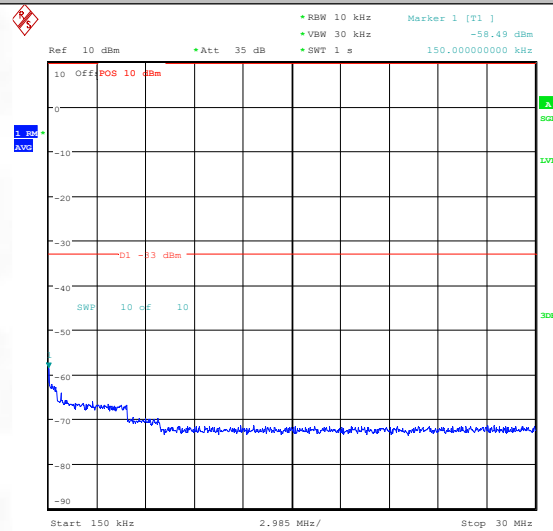
Date: 31.MAY.2025 16:59:22

Band4-1413-2-1000~20000MHz-PASS



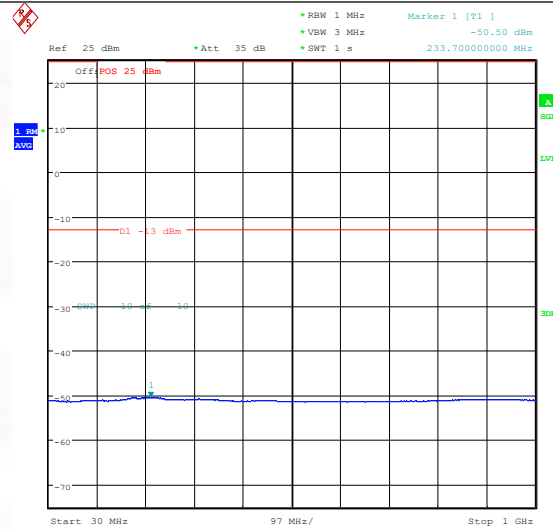
Date: 31.MAY.2025 17:02:35

Band4-1413-3-0.009~0.15MHz-PASS



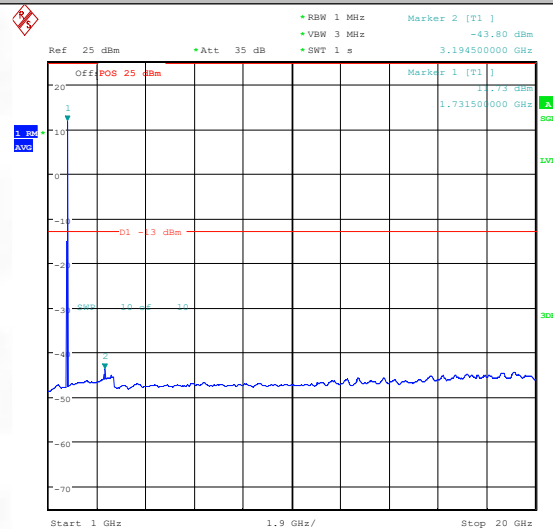
Date: 31.MAY.2025 17:02:51

Band4-1413-3-0.15~30MHz-PASS



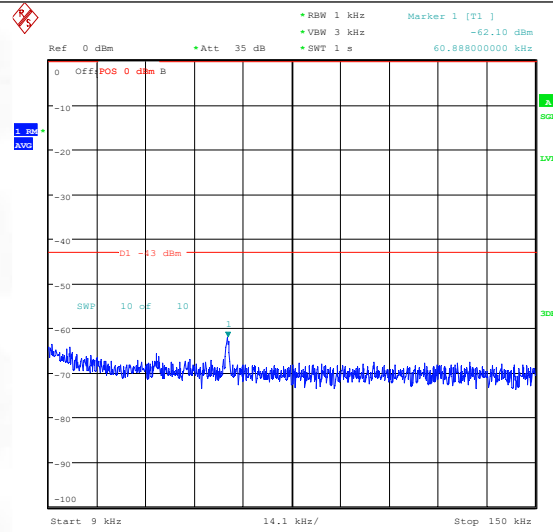
Date: 31.MAY.2025 17:03:07

Band4-1413-3-30~1000MHz-PASS



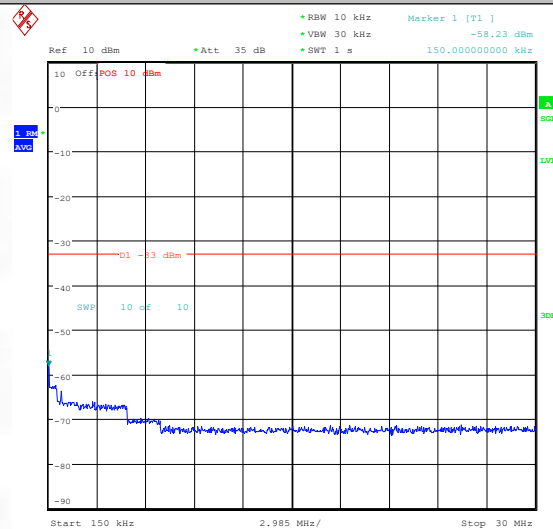
Date: 31.MAY.2025 17:03:24

Band4-1413-3-1000~20000MHz-PASS



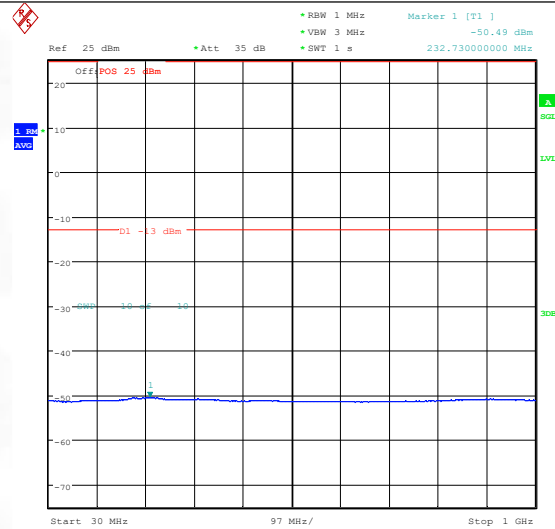
Date: 31.MAY.2025 17:06:36

Band4-1413-4-0.009~0.15MHz-PASS



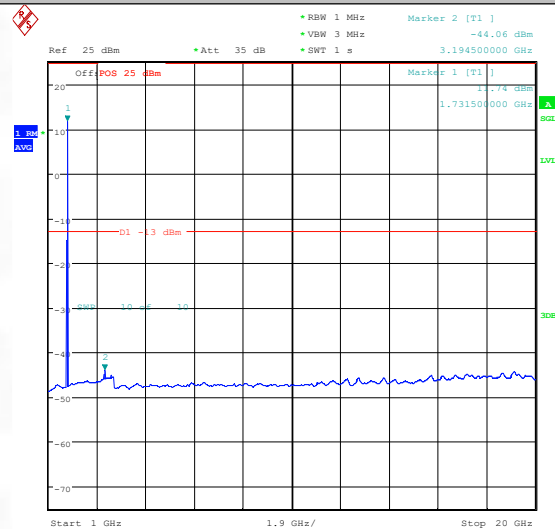
Date: 31.MAY.2025 17:06:52

Band4-1413-4-0.15~30MHz-PASS



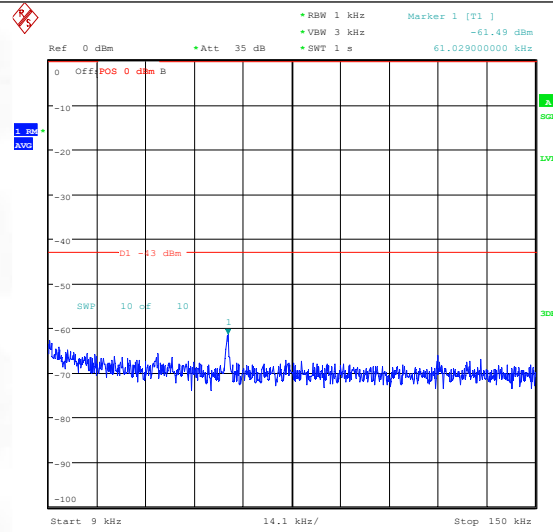
Date: 31.MAY.2025 17:07:09

Band4-1413-4-30~1000MHz-PASS



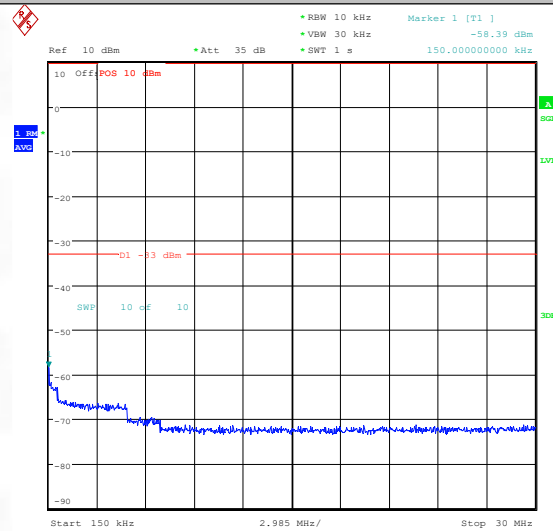
Date: 31.MAY.2025 17:07:26

Band4-1413-4-1000~20000MHz-PASS



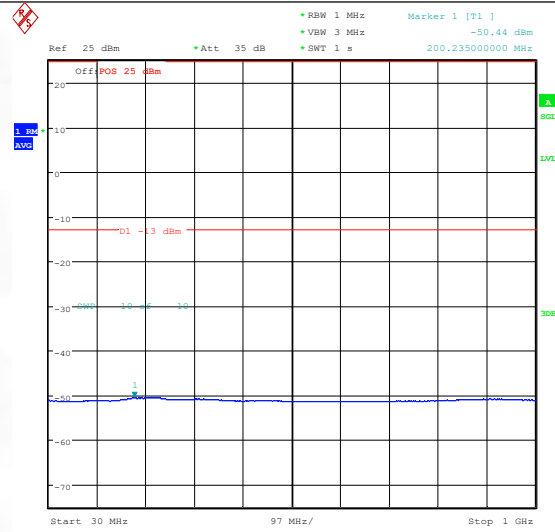
Date: 31.MAY.2025 16:55:46

Band4-1513-1-0.009~0.15MHz-PASS



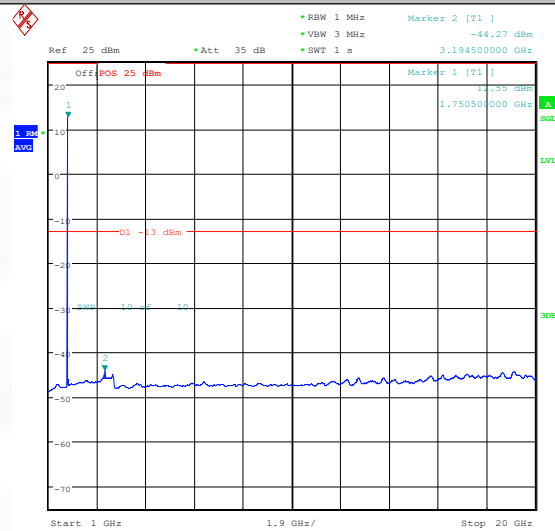
Date: 31.MAY.2025 16:56:02

Band4-1513-1-0.15~30MHz-PASS



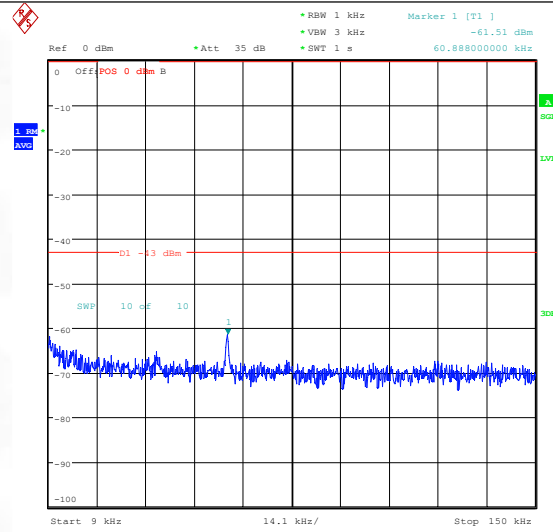
Date: 31.MAY.2025 16:56:19

Band4-1513-1-30~1000MHz-PASS



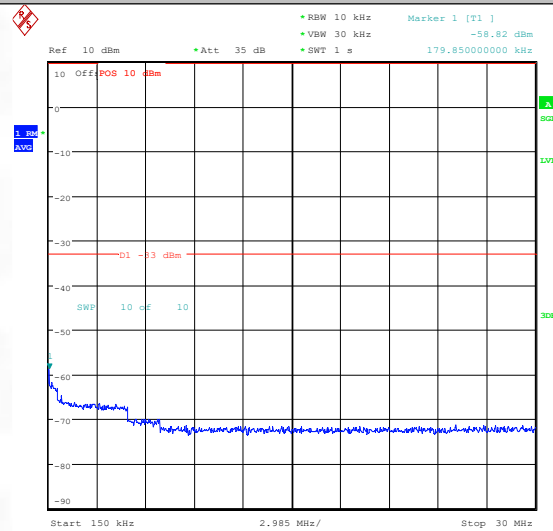
Date: 31.MAY.2025 16:56:35

Band4-1513-1-1000~20000MHz-PASS



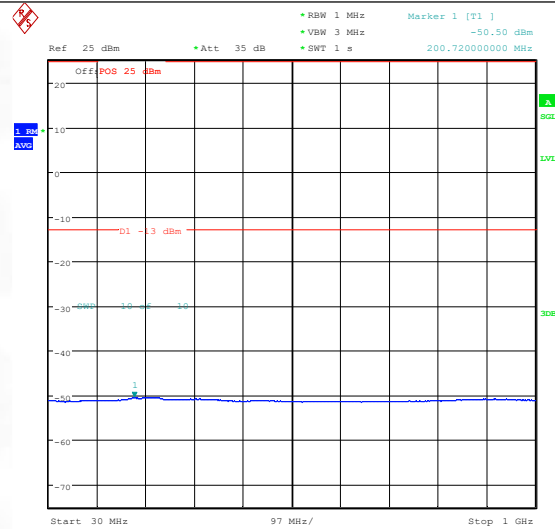
Date: 31.MAY.2025 16:59:49

Band4-1513-2-0.009~0.15MHz-PASS



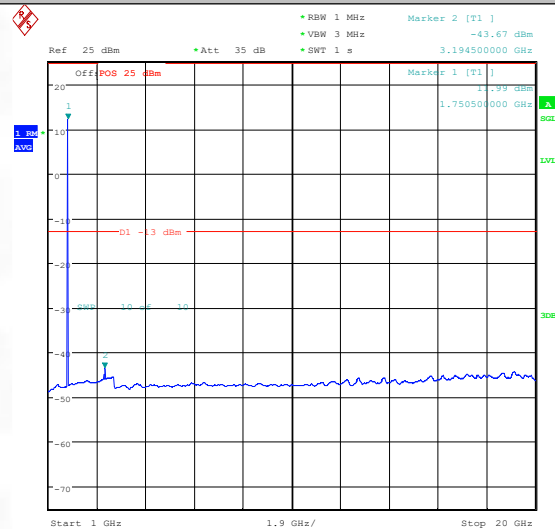
Date: 31.MAY.2025 17:00:05

Band4-1513-2-0.15~30MHz-PASS



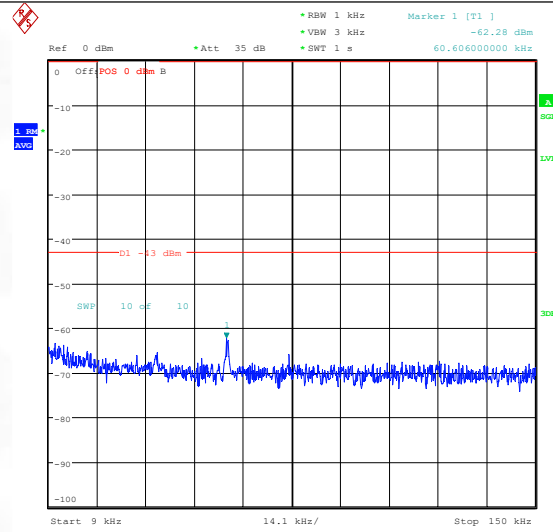
Date: 31.MAY.2025 17:00:21

Band4-1513-2-30~1000MHz-PASS



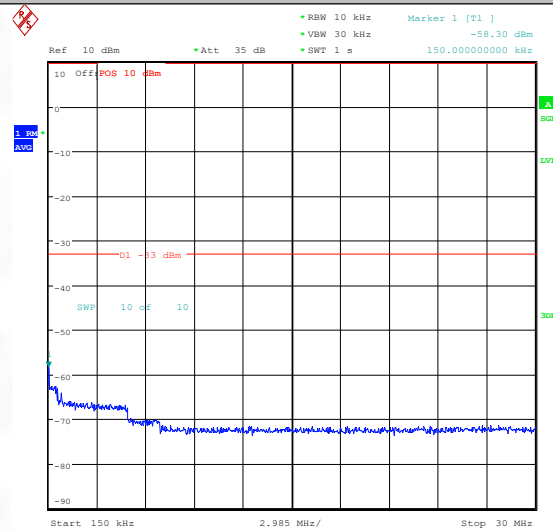
Date: 31.MAY.2025 17:00:38

Band4-1513-2-1000~20000MHz-PASS



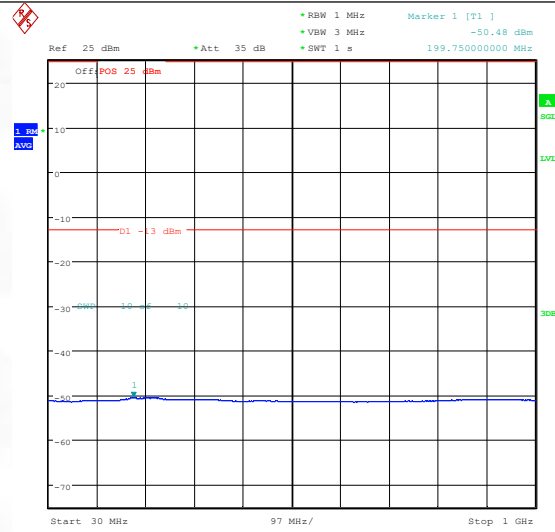
Date: 31.MAY.2025 17:03:49

Band4-1513-3-0.009~0.15MHz-PASS



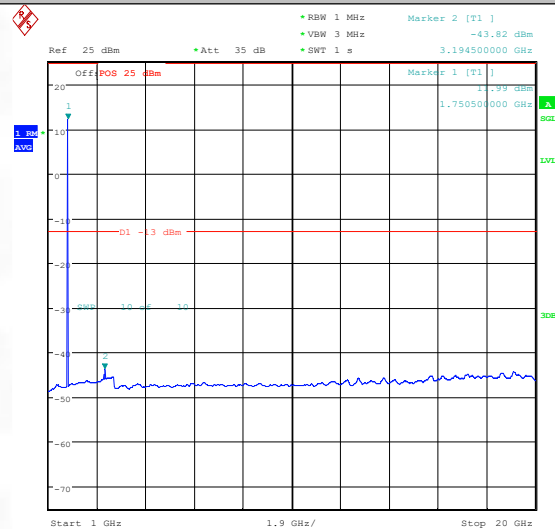
Date: 31.MAY.2025 17:04:06

Band4-1513-3-0.15~30MHz-PASS



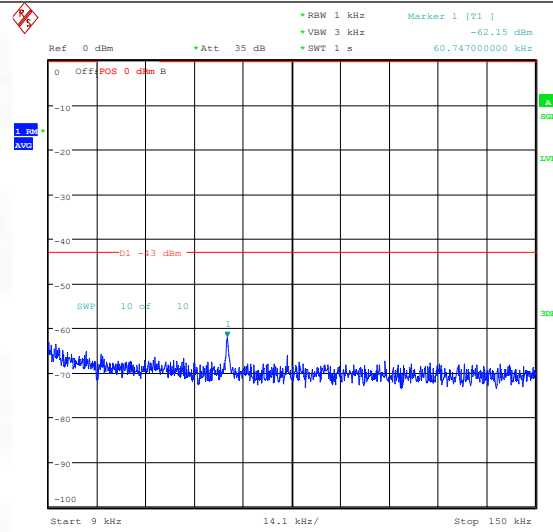
Date: 31.MAY.2025 17:04:22

Band4-1513-3-30~1000MHz-PASS



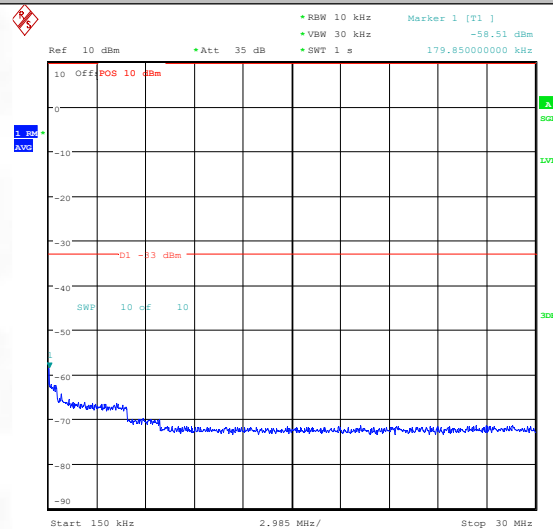
Date: 31.MAY.2025 17:04:39

Band4-1513-3-1000~20000MHz-PASS



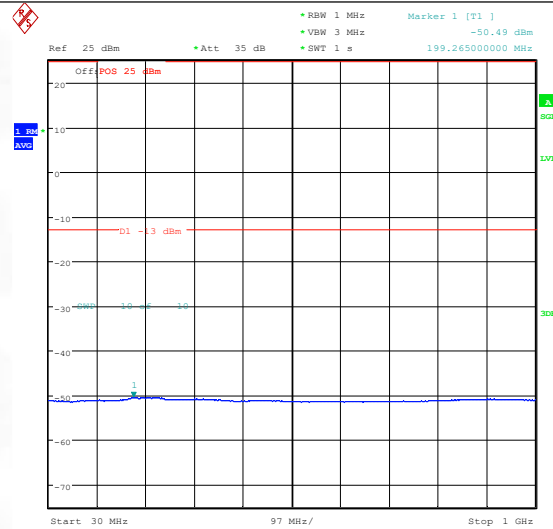
Date: 31.MAY.2025 17:07:51

Band4-1513-4-0.009~0.15MHz-PASS



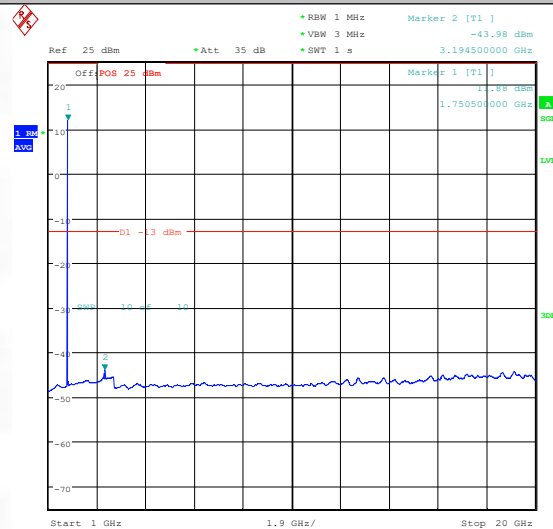
Date: 31.MAY.2025 17:08:07

Band4-1513-4-0.15~30MHz-PASS



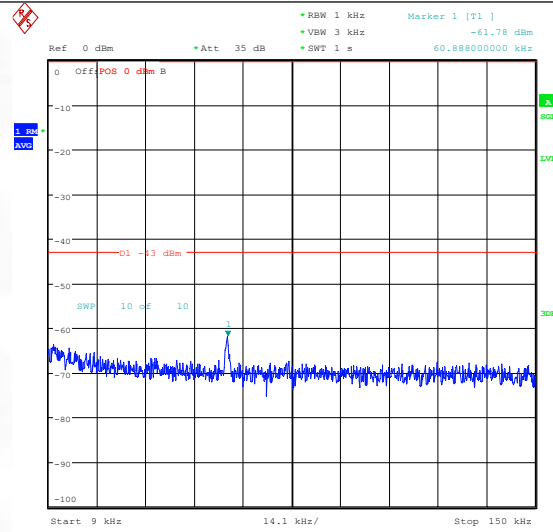
Date: 31.MAY.2025 17:08:24

Band4-1513-4-30~1000MHz-PASS



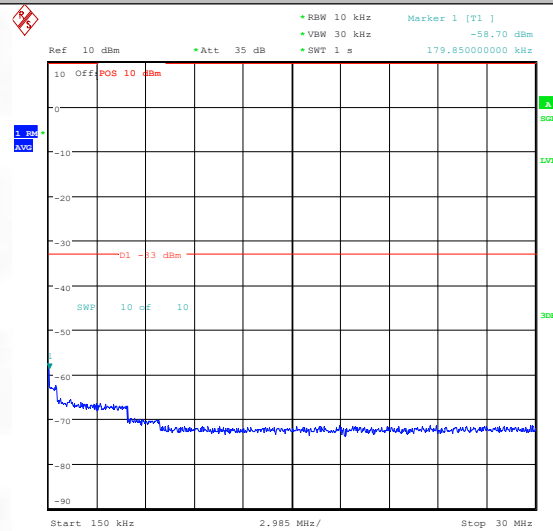
Date: 31.MAY.2025 17:08:41

Band4-1513-4-1000~20000MHz-PASS



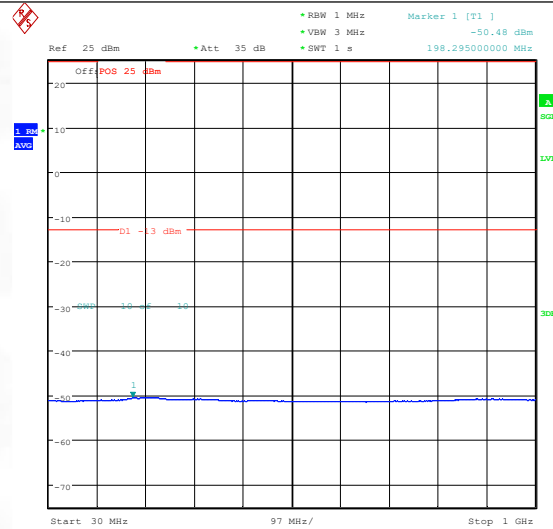
Date: 31.MAY.2025 18:34:40

Band4-1312-1-0.009~0.15MHz-PASS



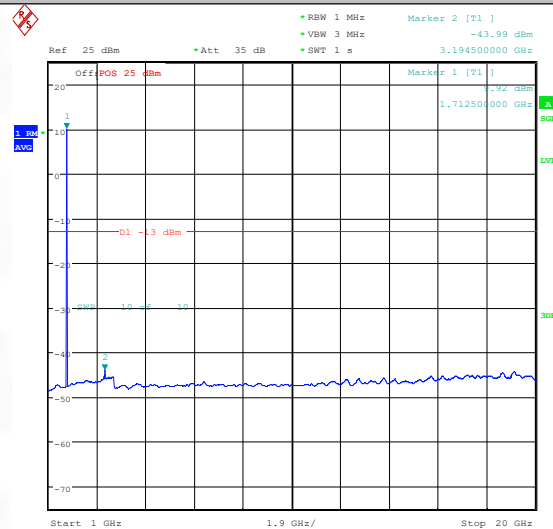
Date: 31.MAY.2025 18:34:56

Band4-1312-1-0.15~30MHz-PASS



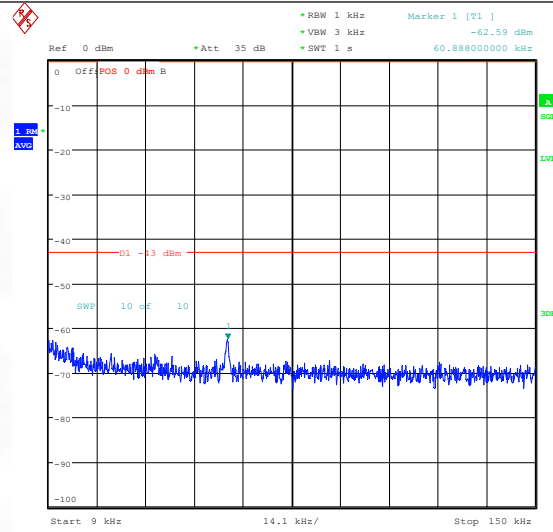
Date: 31.MAY.2025 18:35:12

Band4-1312-1-30~1000MHz-PASS



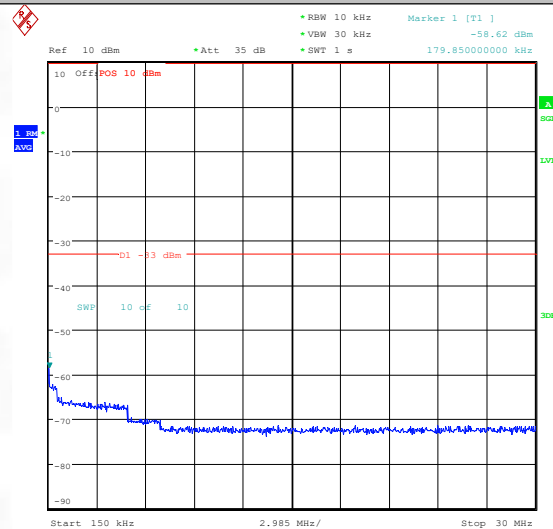
Date: 31.MAY.2025 18:35:29

Band4-1312-1-1000~20000MHz-PASS



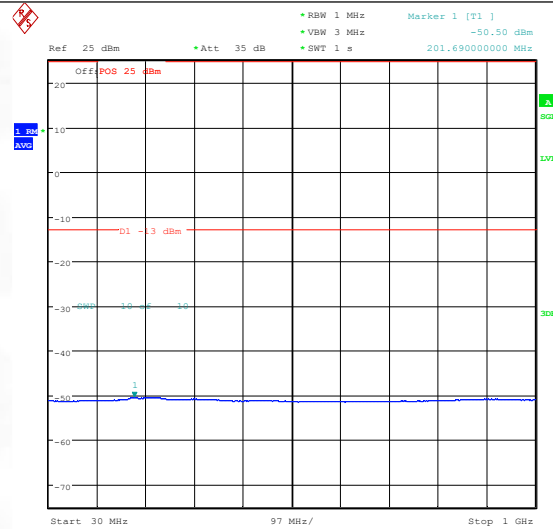
Date: 31.MAY.2025 18:40:32

Band4-1312-2-0.009~0.15MHz-PASS



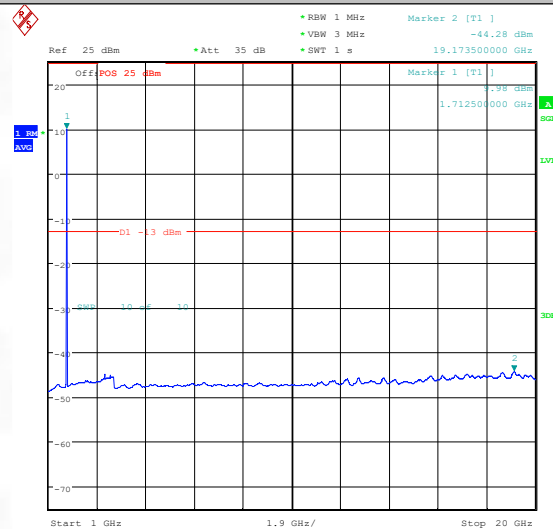
Date: 31.MAY.2025 18:40:49

Band4-1312-2-0.15~30MHz-PASS



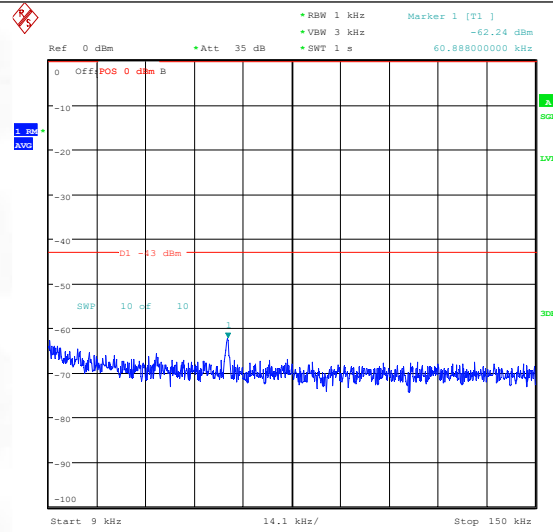
Date: 31.MAY.2025 18:41:05

Band4-1312-2-30~1000MHz-PASS



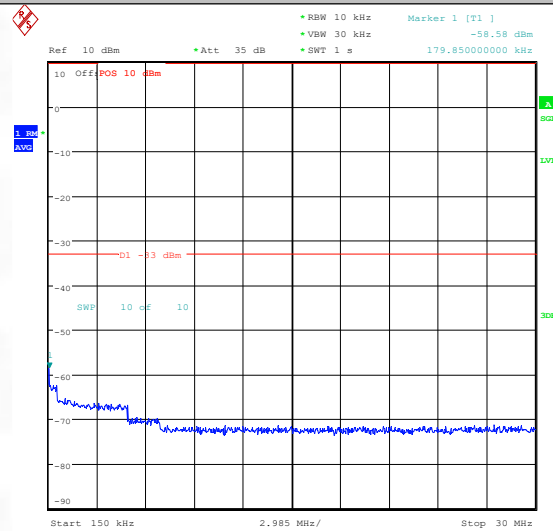
Date: 31.MAY.2025 18:41:22

Band4-1312-2-1000~20000MHz-PASS



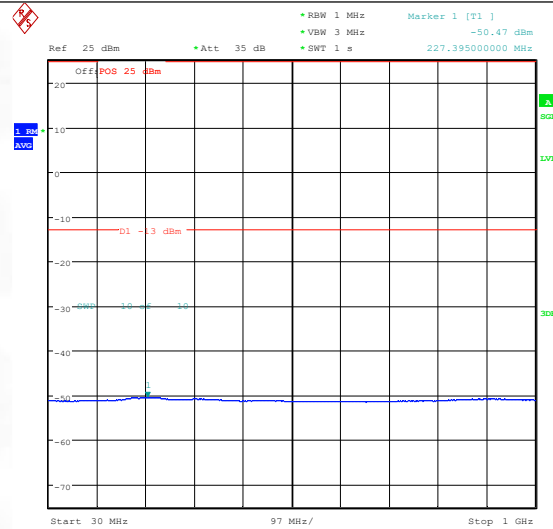
Date: 31.MAY.2025 18:46:16

Band4-1312-3-0.009~0.15MHz-PASS



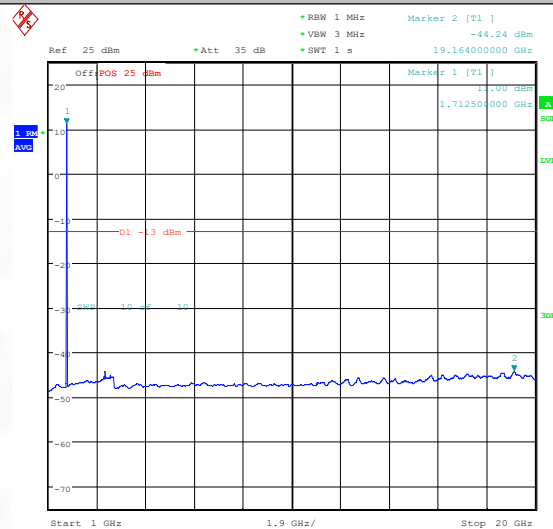
Date: 31.MAY.2025 18:46:32

Band4-1312-3-0.15~30MHz-PASS



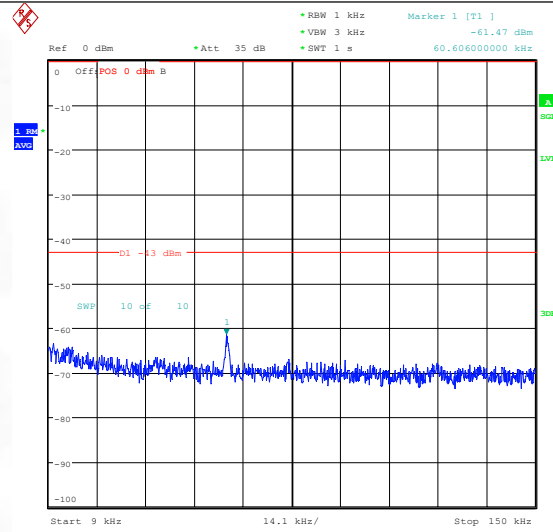
Date: 31.MAY.2025 18:46:49

Band4-1312-3-30~1000MHz-PASS



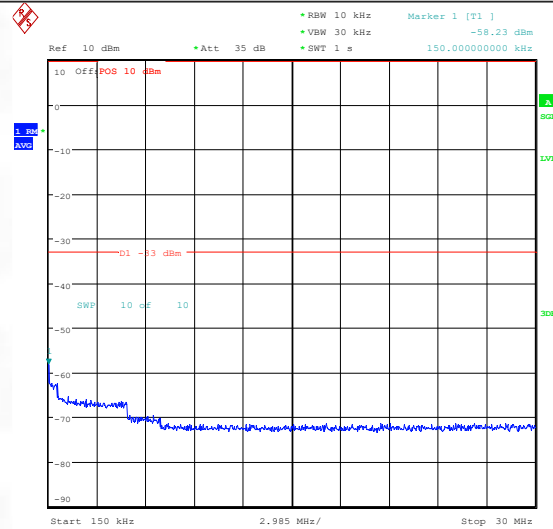
Date: 31.MAY.2025 18:47:06

Band4-1312-3-1000~20000MHz-PASS



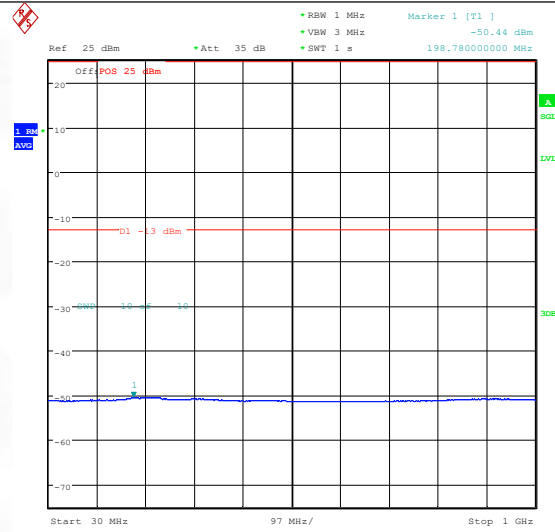
Date: 31.MAY.2025 18:52:06

Band4-1312-4-0.009~0.15MHz-PASS



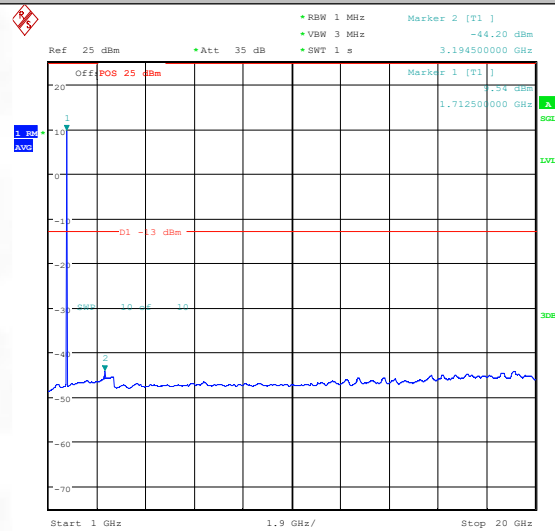
Date: 31.MAY.2025 18:52:22

Band4-1312-4-0.15~30MHz-PASS



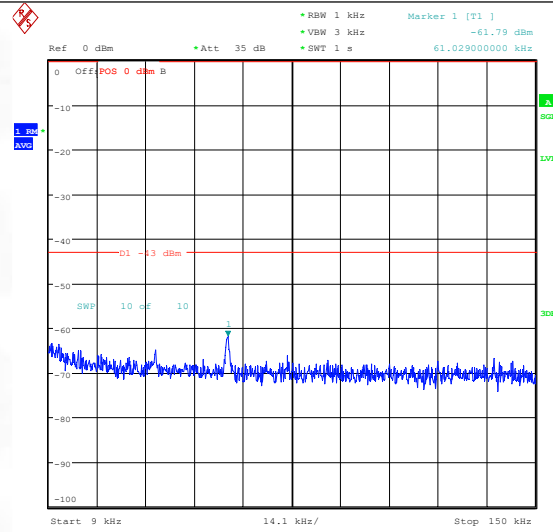
Date: 31.MAY.2025 18:52:39

Band4-1312-4-30~1000MHz-PASS



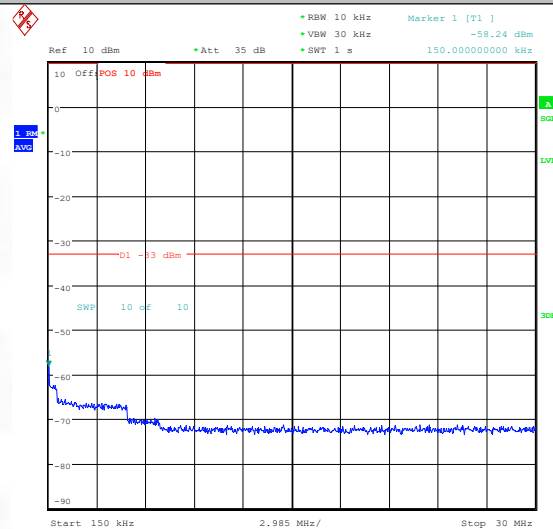
Date: 31.MAY.2025 18:52:56

Band4-1312-4-1000~20000MHz-PASS



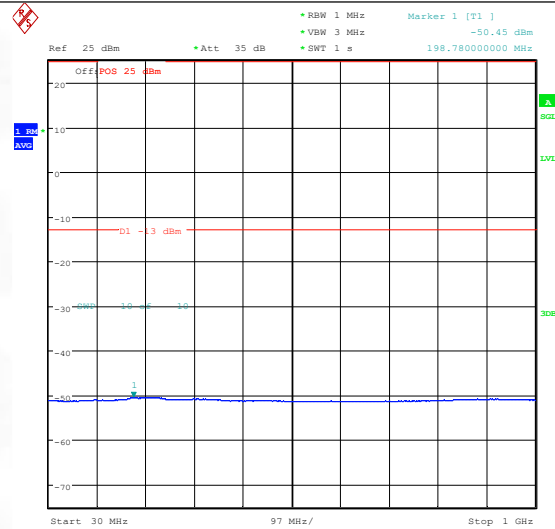
Date: 31.MAY.2025 18:57:45

Band4-1312-5-0.009~0.15MHz-PASS



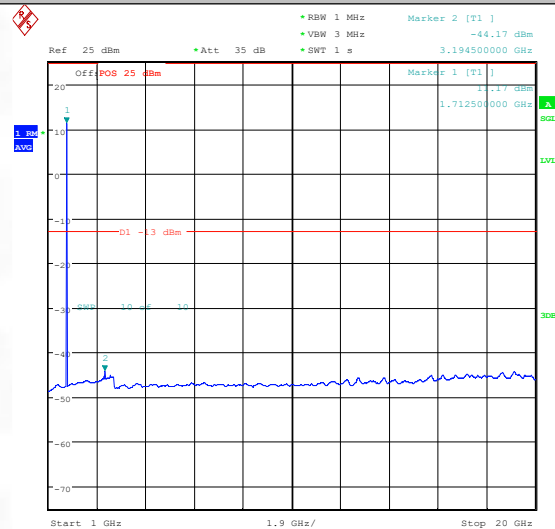
Date: 31.MAY.2025 18:58:02

Band4-1312-5-0.15~30MHz-PASS



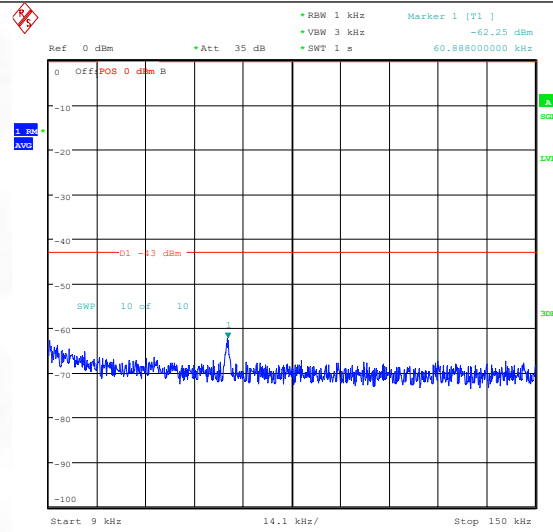
Date: 31.MAY.2025 18:58:18

Band4-1312-5-30~1000MHz-PASS



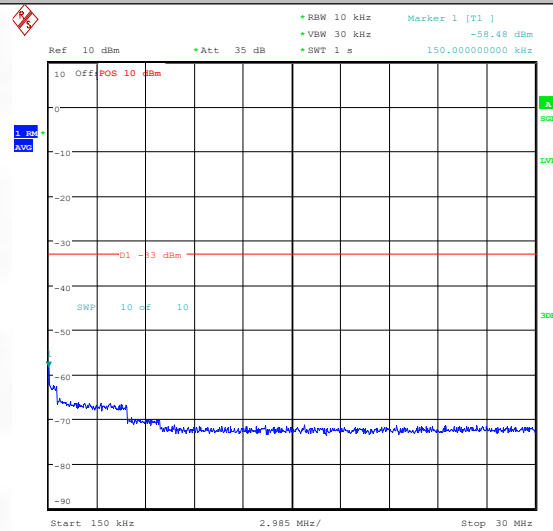
Date: 31.MAY.2025 18:58:35

Band4-1312-5-1000~20000MHz-PASS



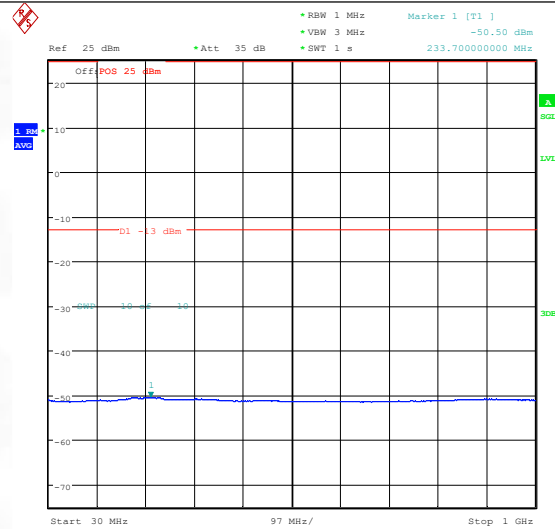
Date: 31.MAY.2025 18:36:50

Band4-1413-1-0.009~0.15MHz-PASS



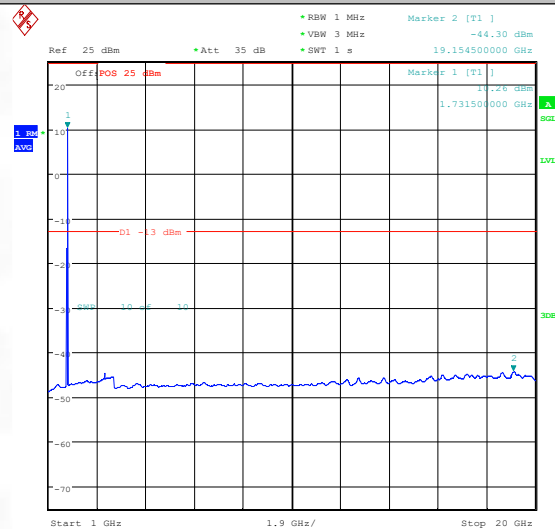
Date: 31.MAY.2025 18:37:07

Band4-1413-1-0.15~30MHz-PASS



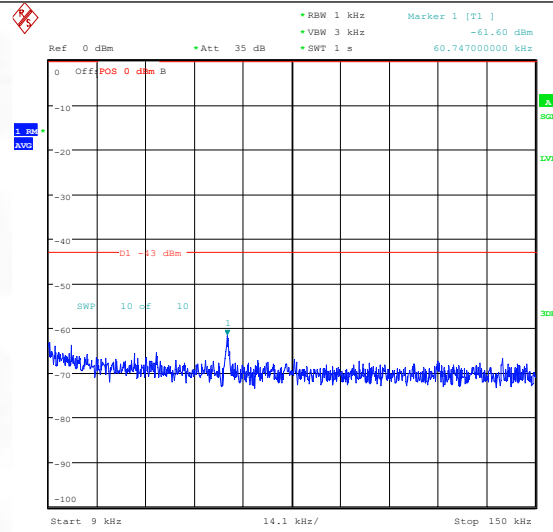
Date: 31.MAY.2025 18:37:23

Band4-1413-1-30~1000MHz-PASS



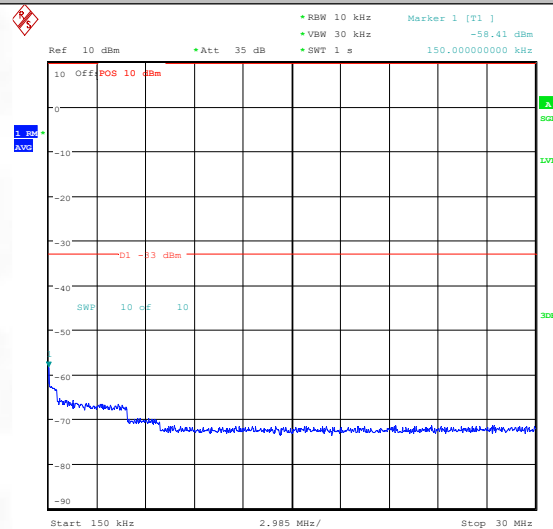
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Band4-1413-1-1000~20000MHz-PASS



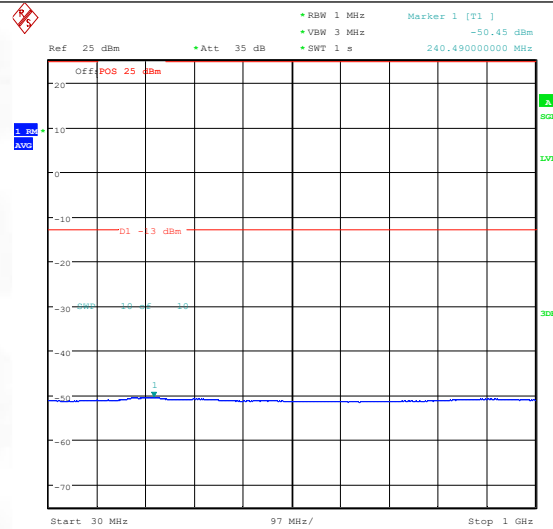
Date: 31.MAY.2025 18:42:33

Band4-1413-2-0.009~0.15MHz-PASS



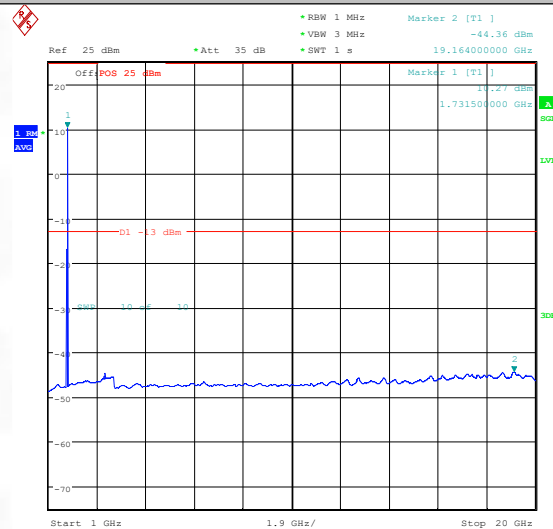
Date: 31.MAY.2025 18:42:50

Band4-1413-2-0.15~30MHz-PASS



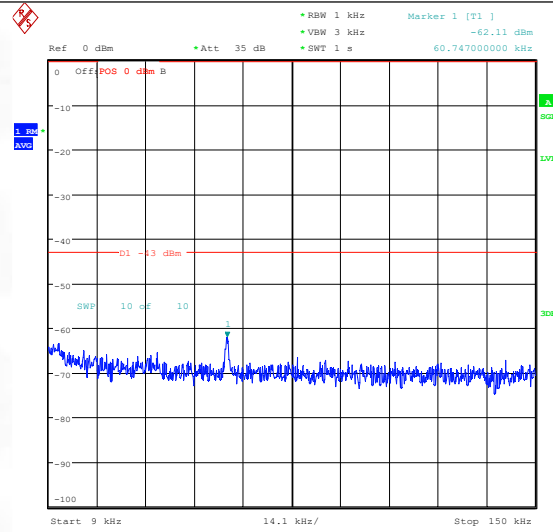
Date: 31.MAY.2025 18:43:06

Band4-1413-2-30~1000MHz-PASS



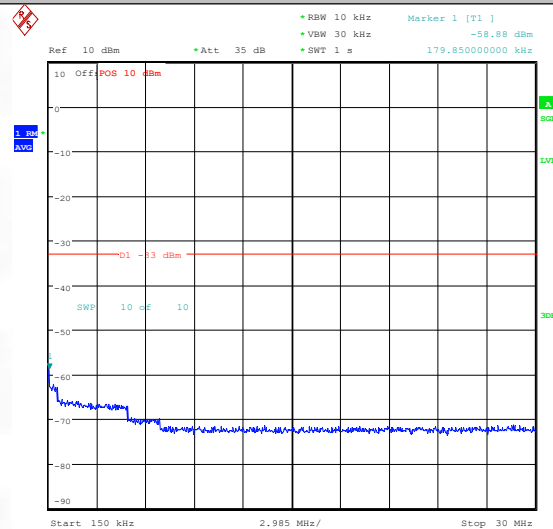
Date: 31.MAY.2025 18:43:23

Band4-1413-2-1000~20000MHz-PASS



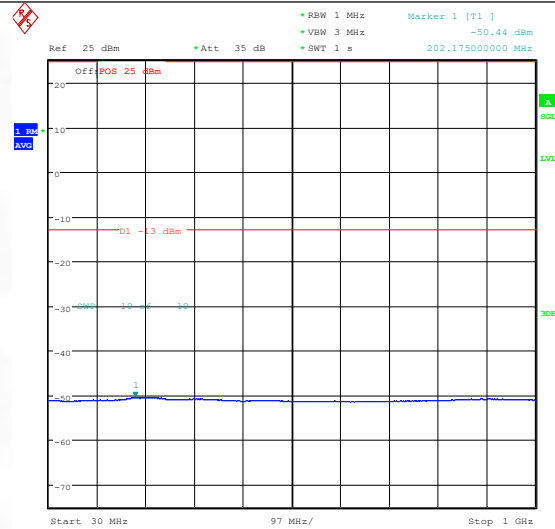
Date: 31.MAY.2025 18:48:17

Band4-1413-3-0.009~0.15MHz-PASS



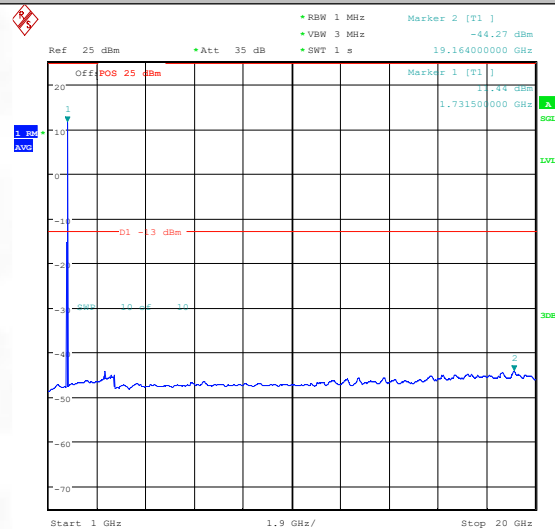
Date: 31.MAY.2025 18:48:33

Band4-1413-3-0.15~30MHz-PASS



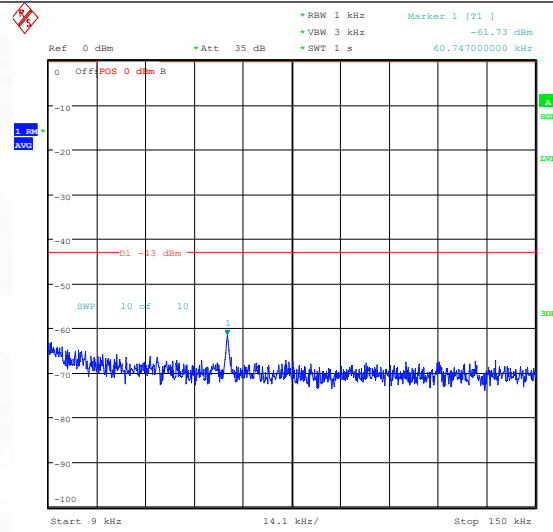
Date: 31.MAY.2025 18:48:50

Band4-1413-3-30~1000MHz-PASS



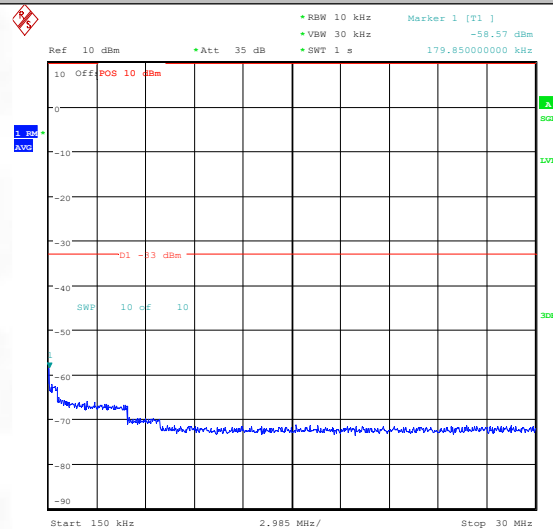
Date: 31.MAY.2025 18:49:07

Band4-1413-3-1000~20000MHz-PASS



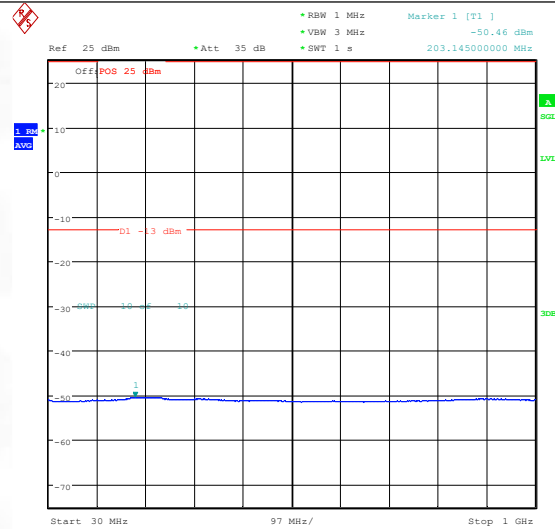
Date: 31.MAY.2025 18:54:08

Band4-1413-4-0.009~0.15MHz-PASS



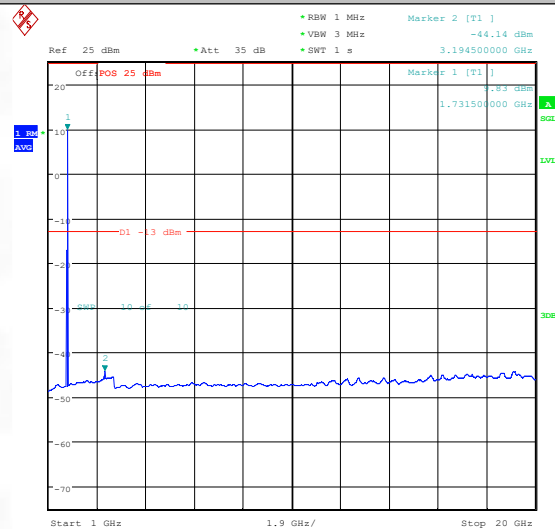
Date: 31.MAY.2025 18:54:25

Band4-1413-4-0.15~30MHz-PASS



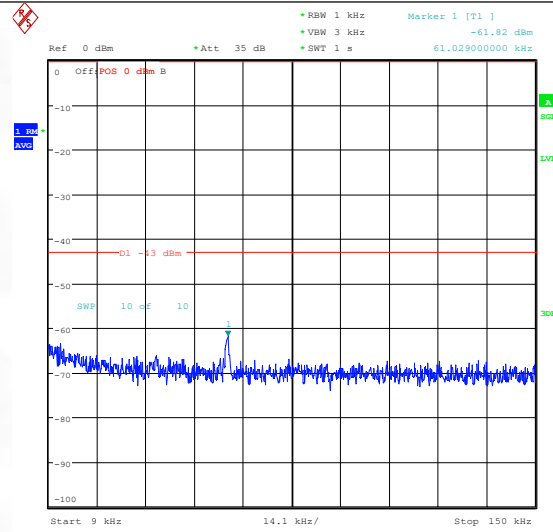
Date: 31.MAY.2025 18:54:41

Band4-1413-4-30~1000MHz-PASS



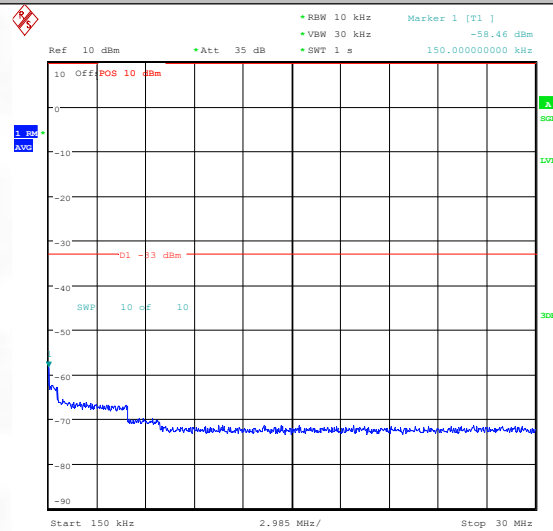
Date: 31.MAY.2025 18:54:58

Band4-1413-4-1000~20000MHz-PASS



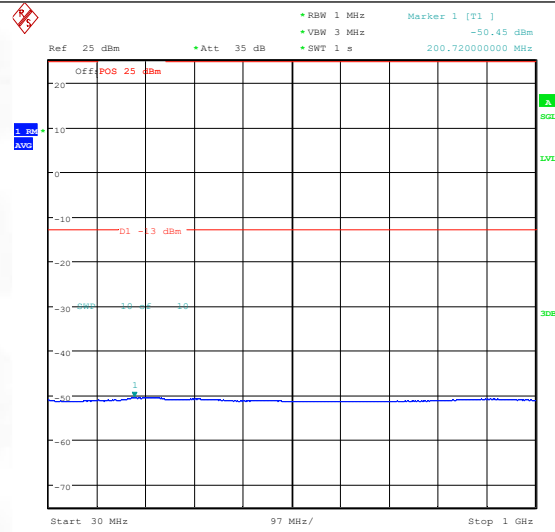
Date: 31.MAY.2025 18:59:09

Band4-1413-5-0.009~0.15MHz-PASS



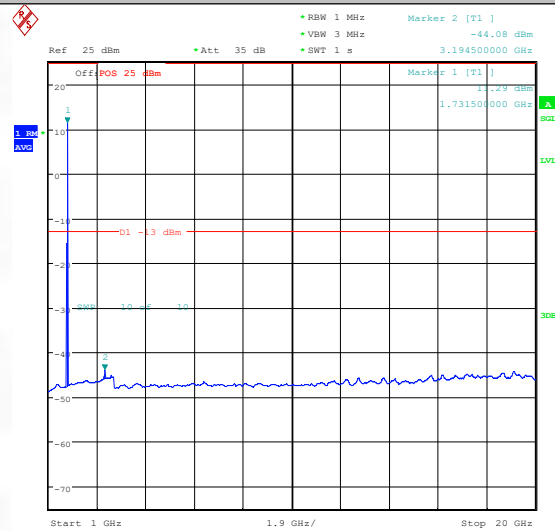
Date: 31.MAY.2025 18:59:26

Band4-1413-5-0.15~30MHz-PASS



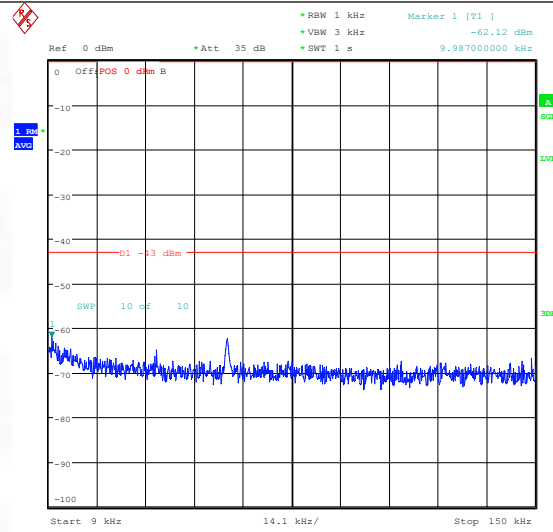
Date: 31.MAY.2025 18:59:42

Band4-1413-5-30~1000MHz-PASS



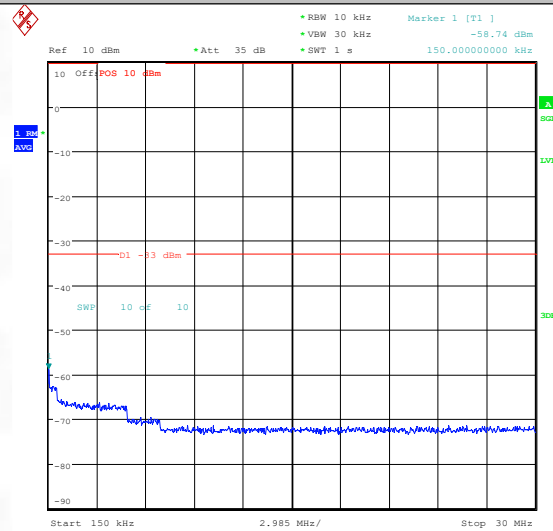
Date: 31.MAY.2025 18:59:59

Band4-1413-5-1000~20000MHz-PASS



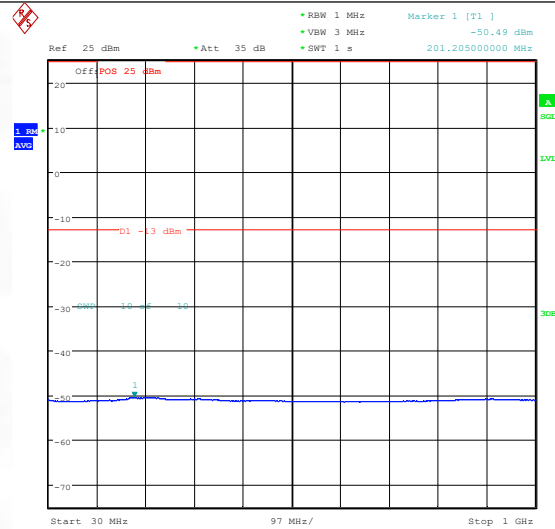
Date: 31.MAY.2025 18:38:50

Band4-1513-1-0.009~0.15MHz-PASS



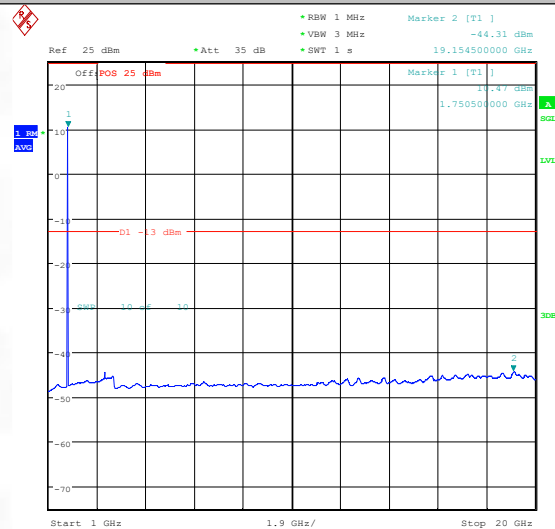
Date: 31.MAY.2025 18:39:06

Band4-1513-1-0.15~30MHz-PASS



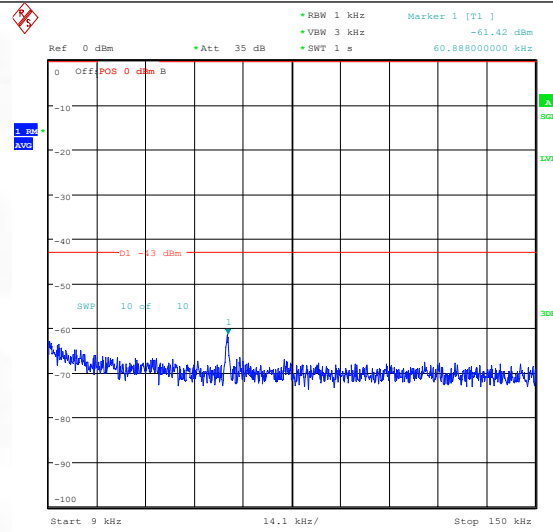
Date: 31.MAY.2025 18:39:23

Band4-1513-1-30~1000MHz-PASS



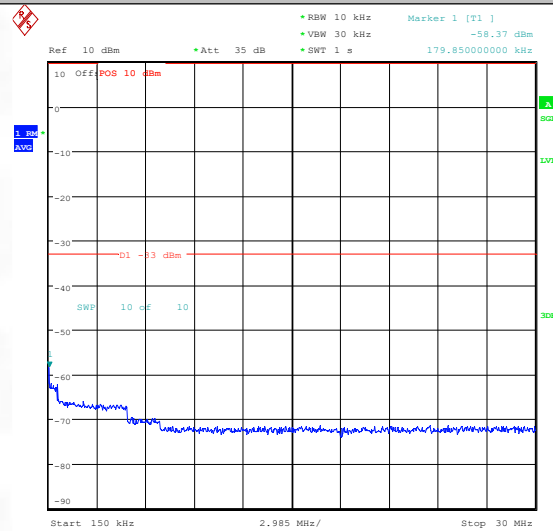
Date: 31.MAY.2025 18:39:40

Band4-1513-1-1000~20000MHz-PASS



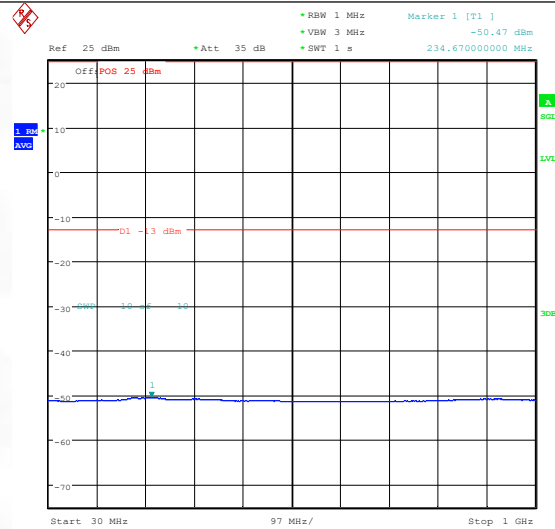
Date: 31.MAY.2025 18:44:34

Band4-1513-2-0.009~0.15MHz-PASS



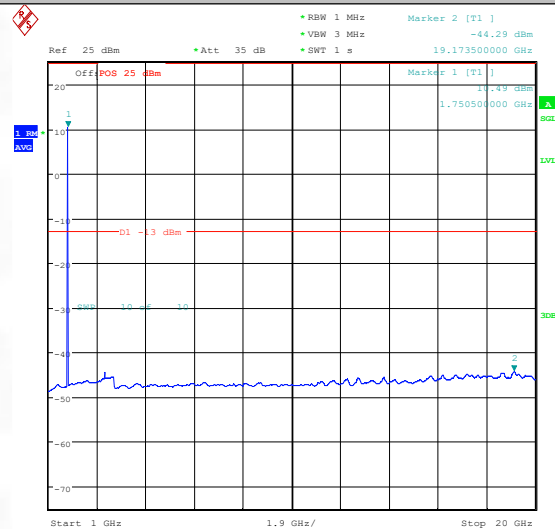
Date: 31.MAY.2025 18:44:51

Band4-1513-2-0.15~30MHz-PASS



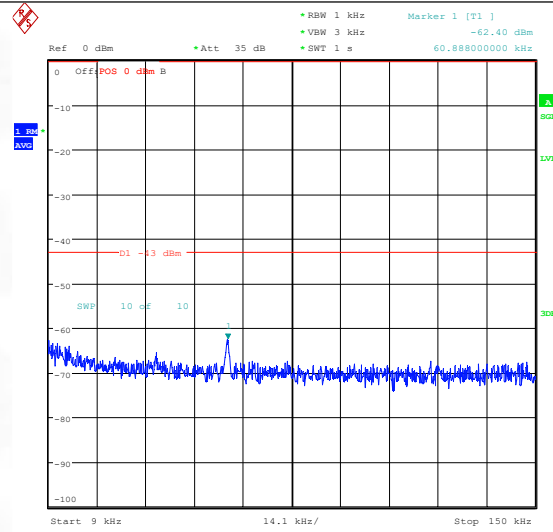
Date: 31.MAY.2025 18:45:07

Band4-1513-2-30~1000MHz-PASS



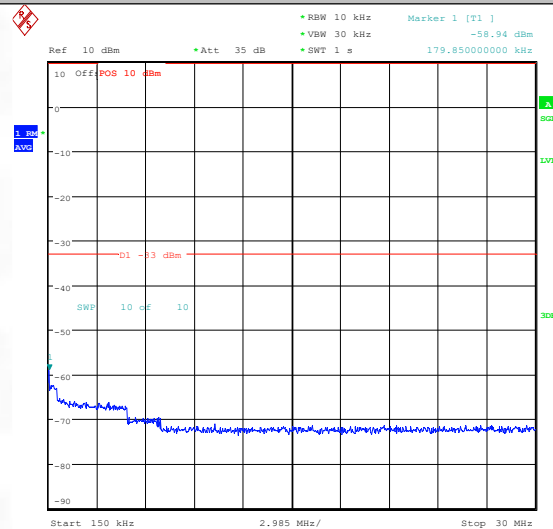
Date: 31.MAY.2025 18:45:24

Band4-1513-2-1000~20000MHz-PASS



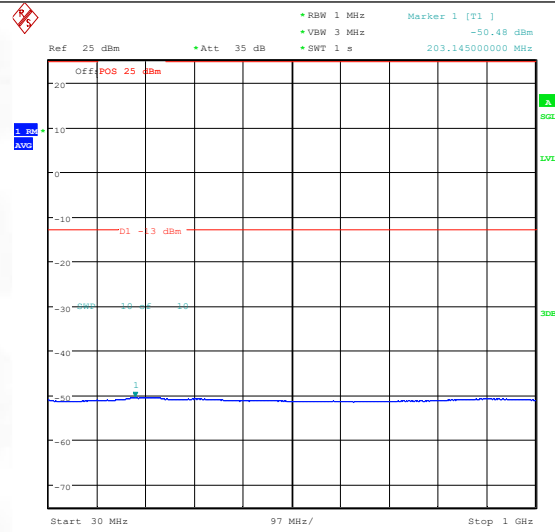
Date: 31.MAY.2025 18:50:13

Band4-1513-3-0.009~0.15MHz-PASS



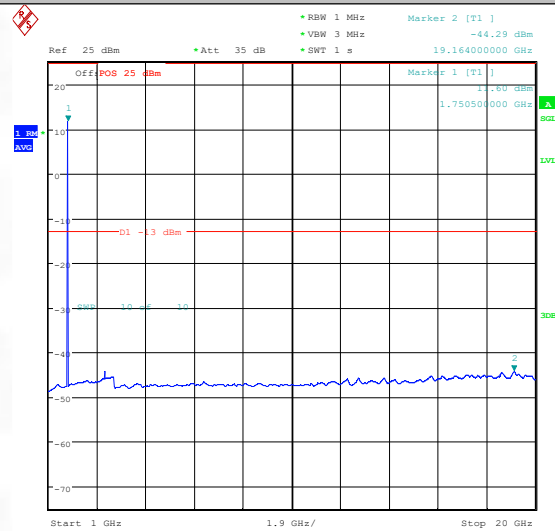
Date: 31.MAY.2025 18:50:29

Band4-1513-3-0.15~30MHz-PASS



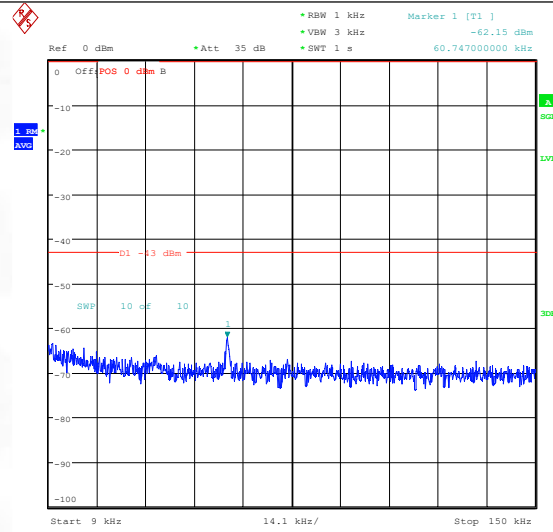
Date: 31.MAY.2025 18:50:45

Band4-1513-3-30~1000MHz-PASS



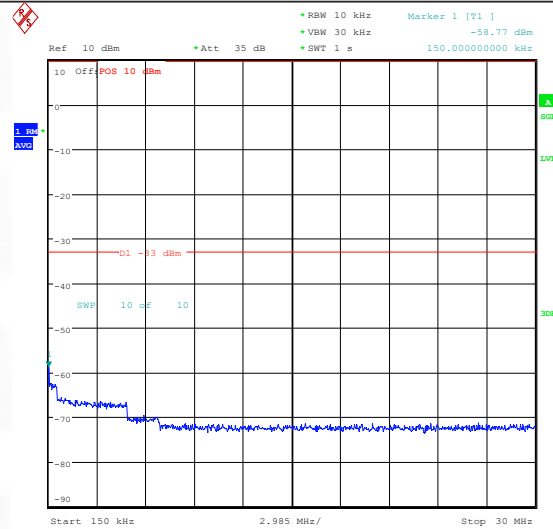
Date: 31.MAY.2025 18:51:02

Band4-1513-3-1000~20000MHz-PASS



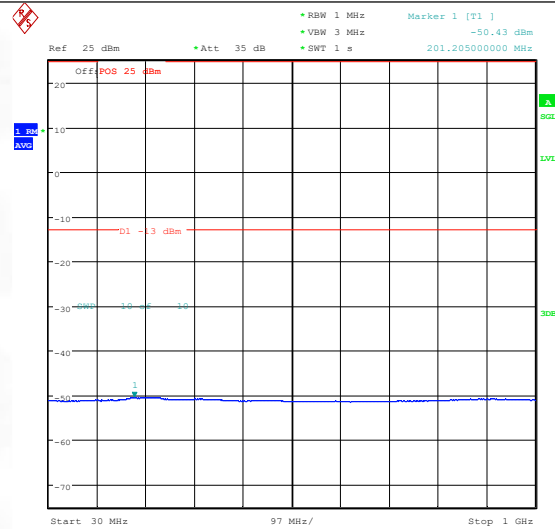
Date: 31.MAY.2025 18:56:08

Band4-1513-4-0.009~0.15MHz-PASS



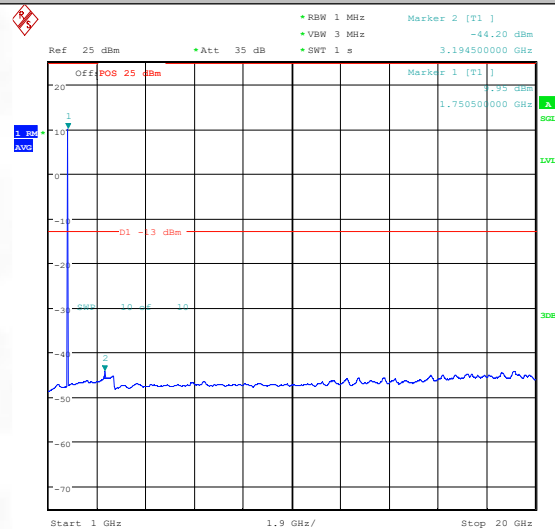
Date: 31.MAY.2025 18:56:24

Band4-1513-4-0.15~30MHz-PASS



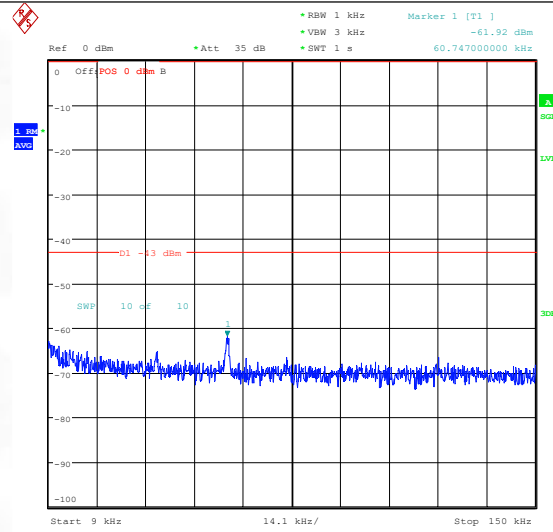
Date: 31.MAY.2025 18:56:41

Band4-1513-4-30~1000MHz-PASS



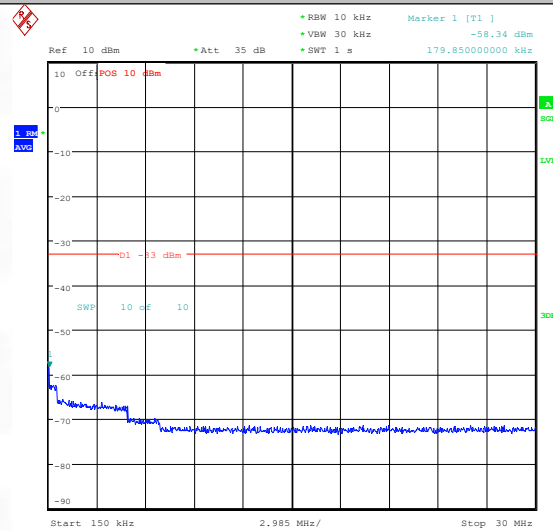
Date: 31.MAY.2025 18:56:57

Band4-1513-4-1000~20000MHz-PASS



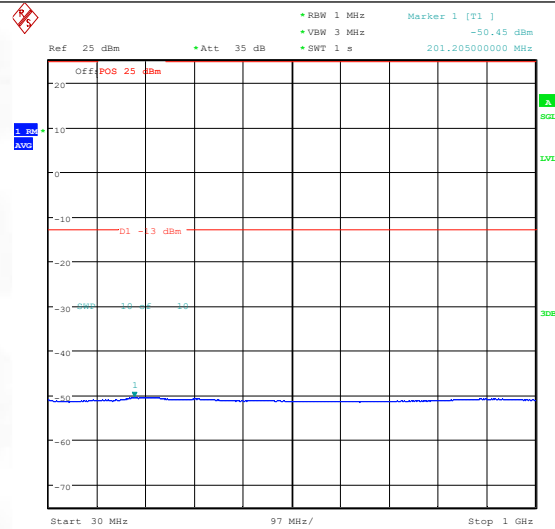
Date: 31.MAY.2025 19:00:31

Band4-1513-5-0.009~0.15MHz-PASS



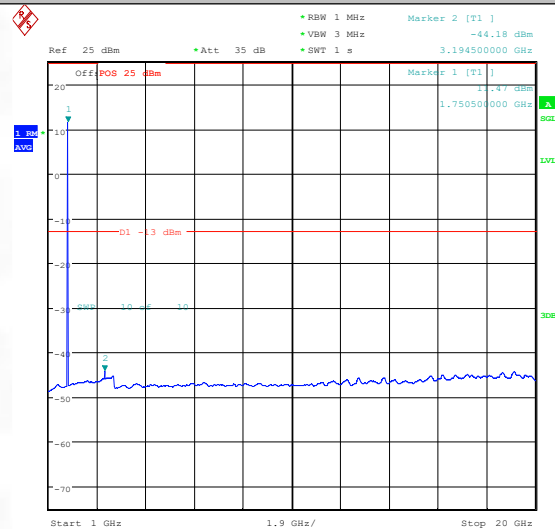
Date: 31.MAY.2025 19:00:47

Band4-1513-5-0.15~30MHz-PASS



Date: 31.MAY.2025 19:01:04

Band4-1513-5-30~1000MHz-PASS



Date: 31.MAY.2025 19:01:20

Band4-1513-5-1000~20000MHz-PASS

1.6 AppendixF:Frequency Stability

1.6.1 Test Result

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	VN	NT	-1.61	-0.000940	±2.5	PASS
Band4	1312	VL	NT	-2.38	-0.001390	±2.5	PASS
Band4	1312	VH	NT	-2.27	-0.001326	±2.5	PASS
Band4	1413	VN	NT	-5.47	-0.003157	±2.5	PASS
Band4	1413	VL	NT	-2.04	-0.001177	±2.5	PASS
Band4	1413	VH	NT	-3.23	-0.001864	±2.5	PASS
Band4	1513	VN	NT	-2.35	-0.001341	±2.5	PASS
Band4	1513	VL	NT	-3.12	-0.001780	±2.5	PASS
Band4	1513	VH	NT	-1.31	-0.000747	±2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	NV	-30	0.19	0.000111	±2.5	PASS
Band4	1312	NV	-20	-2.66	-0.001553	±2.5	PASS
Band4	1312	NV	-10	1.42	0.000829	±2.5	PASS
Band4	1312	NV	0	-0.44	-0.000257	±2.5	PASS
Band4	1312	NV	10	-0.31	-0.000181	±2.5	PASS
Band4	1312	NV	20	-0.99	-0.000578	±2.5	PASS
Band4	1312	NV	30	0.49	0.000286	±2.5	PASS
Band4	1312	NV	40	-3.08	-0.001799	±2.5	PASS
Band4	1312	NV	50	-3.01	-0.001758	±2.5	PASS
Band4	1413	NV	-30	-2.27	-0.001310	±2.5	PASS
Band4	1413	NV	-20	-2.90	-0.001674	±2.5	PASS
Band4	1413	NV	-10	-7.00	-0.004040	±2.5	PASS
Band4	1413	NV	0	-5.01	-0.002892	±2.5	PASS
Band4	1413	NV	10	-5.53	-0.003192	±2.5	PASS
Band4	1413	NV	20	-5.64	-0.003255	±2.5	PASS
Band4	1413	NV	30	-3.21	-0.001853	±2.5	PASS
Band4	1413	NV	40	-2.42	-0.001397	±2.5	PASS
Band4	1413	NV	50	-8.29	-0.004785	±2.5	PASS
Band4	1513	NV	-30	-3.36	-0.001917	±2.5	PASS
Band4	1513	NV	-20	-0.63	-0.000359	±2.5	PASS
Band4	1513	NV	-10	-2.95	-0.001683	±2.5	PASS
Band4	1513	NV	0	-1.04	-0.000593	±2.5	PASS
Band4	1513	NV	10	-3.73	-0.002128	±2.5	PASS
Band4	1513	NV	20	-3.04	-0.001735	±2.5	PASS
Band4	1513	NV	30	-1.61	-0.000919	±2.5	PASS
Band4	1513	NV	40	-1.74	-0.000993	±2.5	PASS
Band4	1513	NV	50	-0.02	-0.000011	±2.5	PASS

Voltage								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	1	VN	NT	-1.50	-0.000876	±2.5	PASS
Band4	1312	1	VL	NT	-1.97	-0.001150	±2.5	PASS
Band4	1312	1	VH	NT	-2.05	-0.001197	±2.5	PASS

Band4	1312	2	VN	NT	-0.56	-0.000327	±2.5	PASS
Band4	1312	2	VL	NT	0.95	0.000555	±2.5	PASS
Band4	1312	2	VH	NT	2.53	0.001477	±2.5	PASS
Band4	1312	3	VN	NT	1.44	0.000841	±2.5	PASS
Band4	1312	3	VL	NT	-0.05	-0.000029	±2.5	PASS
Band4	1312	3	VH	NT	0.28	0.000164	±2.5	PASS
Band4	1312	4	VN	NT	1.99	0.001162	±2.5	PASS
Band4	1312	4	VL	NT	-1.92	-0.001121	±2.5	PASS
Band4	1312	4	VH	NT	0.09	0.000053	±2.5	PASS
Band4	1413	1	VN	NT	-1.86	-0.001074	±2.5	PASS
Band4	1413	1	VL	NT	-7.28	-0.004202	±2.5	PASS
Band4	1413	1	VH	NT	-3.78	-0.002182	±2.5	PASS
Band4	1413	2	VN	NT	-5.44	-0.003140	±2.5	PASS
Band4	1413	2	VL	NT	-4.51	-0.002603	±2.5	PASS
Band4	1413	2	VH	NT	-5.26	-0.003036	±2.5	PASS
Band4	1413	3	VN	NT	-2.00	-0.001154	±2.5	PASS
Band4	1413	3	VL	NT	-0.19	-0.000110	±2.5	PASS
Band4	1413	3	VH	NT	-2.45	-0.001414	±2.5	PASS
Band4	1413	4	VN	NT	-4.01	-0.002314	±2.5	PASS
Band4	1413	4	VL	NT	-0.12	-0.000069	±2.5	PASS
Band4	1413	4	VH	NT	-1.89	-0.001091	±2.5	PASS
Band4	1513	1	VN	NT	-1.42	-0.000810	±2.5	PASS
Band4	1513	1	VL	NT	-4.81	-0.002744	±2.5	PASS
Band4	1513	1	VH	NT	-0.06	-0.000034	±2.5	PASS
Band4	1513	2	VN	NT	-2.47	-0.001409	±2.5	PASS
Band4	1513	2	VL	NT	-4.69	-0.002676	±2.5	PASS
Band4	1513	2	VH	NT	-4.28	-0.002442	±2.5	PASS
Band4	1513	3	VN	NT	-4.68	-0.002670	±2.5	PASS
Band4	1513	3	VL	NT	-4.47	-0.002550	±2.5	PASS
Band4	1513	3	VH	NT	-3.98	-0.002271	±2.5	PASS
Band4	1513	4	VN	NT	-5.89	-0.003361	±2.5	PASS
Band4	1513	4	VL	NT	-2.58	-0.001472	±2.5	PASS
Band4	1513	4	VH	NT	-4.79	-0.002733	±2.5	PASS

Temperature								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	1	NV	-30	0.19	0.000111	±2.5	PASS
Band4	1312	1	NV	-20	0.09	0.000053	±2.5	PASS
Band4	1312	1	NV	-10	-0.26	-0.000152	±2.5	PASS
Band4	1312	1	NV	0	0.97	0.000566	±2.5	PASS
Band4	1312	1	NV	10	-1.60	-0.000934	±2.5	PASS
Band4	1312	1	NV	20	-1.98	-0.001156	±2.5	PASS
Band4	1312	1	NV	30	-1.85	-0.001080	±2.5	PASS
Band4	1312	1	NV	40	-0.69	-0.000403	±2.5	PASS
Band4	1312	1	NV	50	-2.50	-0.001460	±2.5	PASS
Band4	1312	2	NV	-30	-1.02	-0.000596	±2.5	PASS
Band4	1312	2	NV	-20	-1.74	-0.001016	±2.5	PASS
Band4	1312	2	NV	-10	-6.70	-0.003913	±2.5	PASS
Band4	1312	2	NV	0	-2.00	-0.001168	±2.5	PASS
Band4	1312	2	NV	10	-0.39	-0.000228	±2.5	PASS
Band4	1312	2	NV	20	-2.50	-0.001460	±2.5	PASS
Band4	1312	2	NV	30	-1.49	-0.000870	±2.5	PASS
Band4	1312	2	NV	40	-2.22	-0.001296	±2.5	PASS
Band4	1312	2	NV	50	-1.40	-0.000818	±2.5	PASS

Band4	1312	3	NV	-30	-1.58	-0.000923	±2.5	PASS
Band4	1312	3	NV	-20	-4.58	-0.002675	±2.5	PASS
Band4	1312	3	NV	-10	-3.13	-0.001828	±2.5	PASS
Band4	1312	3	NV	0	-3.55	-0.002073	±2.5	PASS
Band4	1312	3	NV	10	-3.48	-0.002032	±2.5	PASS
Band4	1312	3	NV	20	-2.71	-0.001583	±2.5	PASS
Band4	1312	3	NV	30	-3.81	-0.002225	±2.5	PASS
Band4	1312	3	NV	40	0.16	0.000093	±2.5	PASS
Band4	1312	3	NV	50	0.06	0.000035	±2.5	PASS
Band4	1312	4	NV	-30	-4.13	-0.002412	±2.5	PASS
Band4	1312	4	NV	-20	-1.94	-0.001133	±2.5	PASS
Band4	1312	4	NV	-10	-1.98	-0.001156	±2.5	PASS
Band4	1312	4	NV	0	-6.69	-0.003907	±2.5	PASS
Band4	1312	4	NV	10	-3.73	-0.002178	±2.5	PASS
Band4	1312	4	NV	20	-1.65	-0.000964	±2.5	PASS
Band4	1312	4	NV	30	-1.23	-0.000718	±2.5	PASS
Band4	1312	4	NV	40	-2.32	-0.001355	±2.5	PASS
Band4	1312	4	NV	50	0.41	0.000239	±2.5	PASS
Band4	1413	1	NV	-30	-6.01	-0.003469	±2.5	PASS
Band4	1413	1	NV	-20	-5.55	-0.003203	±2.5	PASS
Band4	1413	1	NV	-10	-5.44	-0.003140	±2.5	PASS
Band4	1413	1	NV	0	-2.76	-0.001593	±2.5	PASS
Band4	1413	1	NV	10	-2.94	-0.001697	±2.5	PASS
Band4	1413	1	NV	20	-4.08	-0.002355	±2.5	PASS
Band4	1413	1	NV	30	-2.12	-0.001224	±2.5	PASS
Band4	1413	1	NV	40	-3.81	-0.002199	±2.5	PASS
Band4	1413	1	NV	50	-4.16	-0.002401	±2.5	PASS
Band4	1413	2	NV	-30	-4.68	-0.002701	±2.5	PASS
Band4	1413	2	NV	-20	-4.39	-0.002534	±2.5	PASS
Band4	1413	2	NV	-10	-4.95	-0.002857	±2.5	PASS
Band4	1413	2	NV	0	-4.23	-0.002441	±2.5	PASS
Band4	1413	2	NV	10	-4.77	-0.002753	±2.5	PASS
Band4	1413	2	NV	20	0.11	0.000063	±2.5	PASS
Band4	1413	2	NV	30	-1.80	-0.001039	±2.5	PASS
Band4	1413	2	NV	40	-3.83	-0.002211	±2.5	PASS
Band4	1413	2	NV	50	-0.06	-0.000035	±2.5	PASS
Band4	1413	3	NV	-30	-1.51	-0.000872	±2.5	PASS
Band4	1413	3	NV	-20	-0.04	-0.000023	±2.5	PASS
Band4	1413	3	NV	-10	-0.77	-0.000444	±2.5	PASS
Band4	1413	3	NV	0	-2.07	-0.001195	±2.5	PASS
Band4	1413	3	NV	10	0.97	0.000560	±2.5	PASS
Band4	1413	3	NV	20	-4.69	-0.002707	±2.5	PASS
Band4	1413	3	NV	30	-5.33	-0.003076	±2.5	PASS
Band4	1413	3	NV	40	-5.00	-0.002886	±2.5	PASS
Band4	1413	3	NV	50	-6.12	-0.003532	±2.5	PASS
Band4	1413	4	NV	-30	-1.67	-0.000964	±2.5	PASS
Band4	1413	4	NV	-20	-4.80	-0.002770	±2.5	PASS
Band4	1413	4	NV	-10	-1.82	-0.001050	±2.5	PASS
Band4	1413	4	NV	0	-3.18	-0.001835	±2.5	PASS
Band4	1413	4	NV	10	-5.73	-0.003307	±2.5	PASS
Band4	1413	4	NV	20	-1.77	-0.001022	±2.5	PASS
Band4	1413	4	NV	30	-3.74	-0.002159	±2.5	PASS
Band4	1413	4	NV	40	-4.98	-0.002874	±2.5	PASS
Band4	1413	4	NV	50	-3.98	-0.002297	±2.5	PASS
Band4	1513	1	NV	-30	0.30	0.000171	±2.5	PASS
Band4	1513	1	NV	-20	0.08	0.000046	±2.5	PASS
Band4	1513	1	NV	-10	-2.78	-0.001586	±2.5	PASS

Band4	1513	1	NV	0	-6.32	-0.003606	±2.5	PASS
Band4	1513	1	NV	10	-1.93	-0.001101	±2.5	PASS
Band4	1513	1	NV	20	-2.84	-0.001620	±2.5	PASS
Band4	1513	1	NV	30	-4.54	-0.002590	±2.5	PASS
Band4	1513	1	NV	40	-6.24	-0.003560	±2.5	PASS
Band4	1513	1	NV	50	-5.69	-0.003247	±2.5	PASS
Band4	1513	2	NV	-30	-1.37	-0.000782	±2.5	PASS
Band4	1513	2	NV	-20	-1.33	-0.000759	±2.5	PASS
Band4	1513	2	NV	-10	-2.90	-0.001655	±2.5	PASS
Band4	1513	2	NV	0	-4.42	-0.002522	±2.5	PASS
Band4	1513	2	NV	10	-3.46	-0.001974	±2.5	PASS
Band4	1513	2	NV	20	-5.59	-0.003190	±2.5	PASS
Band4	1513	2	NV	30	-5.14	-0.002933	±2.5	PASS
Band4	1513	2	NV	40	-6.92	-0.003948	±2.5	PASS
Band4	1513	2	NV	50	-2.16	-0.001232	±2.5	PASS
Band4	1513	3	NV	-30	-4.89	-0.002790	±2.5	PASS
Band4	1513	3	NV	-20	-2.12	-0.001210	±2.5	PASS
Band4	1513	3	NV	-10	-4.89	-0.002790	±2.5	PASS
Band4	1513	3	NV	0	-0.01	-0.000006	±2.5	PASS
Band4	1513	3	NV	10	-2.07	-0.001181	±2.5	PASS
Band4	1513	3	NV	20	-4.43	-0.002528	±2.5	PASS
Band4	1513	3	NV	30	-4.28	-0.002442	±2.5	PASS
Band4	1513	3	NV	40	-6.37	-0.003635	±2.5	PASS
Band4	1513	3	NV	50	-2.98	-0.001700	±2.5	PASS
Band4	1513	4	NV	-30	-4.68	-0.002670	±2.5	PASS
Band4	1513	4	NV	-20	-5.91	-0.003372	±2.5	PASS
Band4	1513	4	NV	-10	-2.18	-0.001244	±2.5	PASS
Band4	1513	4	NV	0	-2.89	-0.001649	±2.5	PASS
Band4	1513	4	NV	10	-2.20	-0.001255	±2.5	PASS
Band4	1513	4	NV	20	-4.87	-0.002779	±2.5	PASS
Band4	1513	4	NV	30	-3.06	-0.001746	±2.5	PASS
Band4	1513	4	NV	40	-0.44	-0.000251	±2.5	PASS
Band4	1513	4	NV	50	-1.38	-0.000787	±2.5	PASS

Voltage								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	1	VN	NT	-4.44	-0.002593	±2.5	PASS
Band4	1312	1	VL	NT	-3.07	-0.001793	±2.5	PASS
Band4	1312	1	VH	NT	-5.54	-0.003235	±2.5	PASS
Band4	1312	2	VN	NT	-2.88	-0.001682	±2.5	PASS
Band4	1312	2	VL	NT	-3.20	-0.001869	±2.5	PASS
Band4	1312	2	VH	NT	-1.53	-0.000893	±2.5	PASS
Band4	1312	3	VN	NT	-3.14	-0.001834	±2.5	PASS
Band4	1312	3	VL	NT	-0.95	-0.000555	±2.5	PASS
Band4	1312	3	VH	NT	1.92	0.001121	±2.5	PASS
Band4	1312	4	VN	NT	-1.02	-0.000596	±2.5	PASS
Band4	1312	4	VL	NT	-1.77	-0.001034	±2.5	PASS
Band4	1312	4	VH	NT	-1.91	-0.001115	±2.5	PASS
Band4	1312	5	VN	NT	-0.29	-0.000169	±2.5	PASS
Band4	1312	5	VL	NT	-2.37	-0.001384	±2.5	PASS
Band4	1312	5	VH	NT	-1.82	-0.001063	±2.5	PASS
Band4	1413	1	VN	NT	-6.19	-0.003573	±2.5	PASS
Band4	1413	1	VL	NT	-9.39	-0.005420	±2.5	PASS
Band4	1413	1	VH	NT	-5.32	-0.003071	±2.5	PASS

Band4	1413	2	VN	NT	-4.21	-0.002430	±2.5	PASS
Band4	1413	2	VL	NT	-2.75	-0.001587	±2.5	PASS
Band4	1413	2	VH	NT	-1.54	-0.000889	±2.5	PASS
Band4	1413	3	VN	NT	-7.31	-0.004219	±2.5	PASS
Band4	1413	3	VL	NT	-4.25	-0.002453	±2.5	PASS
Band4	1413	3	VH	NT	-5.04	-0.002909	±2.5	PASS
Band4	1413	4	VN	NT	-4.94	-0.002851	±2.5	PASS
Band4	1413	4	VL	NT	-6.78	-0.003913	±2.5	PASS
Band4	1413	4	VH	NT	-2.87	-0.001656	±2.5	PASS
Band4	1413	5	VN	NT	-4.25	-0.002453	±2.5	PASS
Band4	1413	5	VL	NT	-0.09	-0.000052	±2.5	PASS
Band4	1413	5	VH	NT	-1.97	-0.001137	±2.5	PASS
Band4	1513	1	VN	NT	-6.77	-0.003863	±2.5	PASS
Band4	1513	1	VL	NT	-5.53	-0.003155	±2.5	PASS
Band4	1513	1	VH	NT	-3.75	-0.002140	±2.5	PASS
Band4	1513	2	VN	NT	-3.76	-0.002145	±2.5	PASS
Band4	1513	2	VL	NT	-5.65	-0.003224	±2.5	PASS
Band4	1513	2	VH	NT	-3.26	-0.001860	±2.5	PASS
Band4	1513	3	VN	NT	-2.02	-0.001153	±2.5	PASS
Band4	1513	3	VL	NT	-3.65	-0.002083	±2.5	PASS
Band4	1513	3	VH	NT	-1.56	-0.000890	±2.5	PASS
Band4	1513	4	VN	NT	-6.47	-0.003692	±2.5	PASS
Band4	1513	4	VL	NT	-3.52	-0.002008	±2.5	PASS
Band4	1513	4	VH	NT	-4.91	-0.002802	±2.5	PASS
Band4	1513	5	VN	NT	-6.17	-0.003520	±2.5	PASS
Band4	1513	5	VL	NT	-3.32	-0.001894	±2.5	PASS
Band4	1513	5	VH	NT	-0.94	-0.000536	±2.5	PASS

Temperature								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	1	NV	-30	-1.85	-0.001080	±2.5	PASS
Band4	1312	1	NV	-20	1.55	0.000905	±2.5	PASS
Band4	1312	1	NV	-10	-1.98	-0.001156	±2.5	PASS
Band4	1312	1	NV	0	-0.72	-0.000420	±2.5	PASS
Band4	1312	1	NV	10	-0.72	-0.000420	±2.5	PASS
Band4	1312	1	NV	20	-4.47	-0.002610	±2.5	PASS
Band4	1312	1	NV	30	-2.78	-0.001623	±2.5	PASS
Band4	1312	1	NV	40	-1.72	-0.001004	±2.5	PASS
Band4	1312	1	NV	50	-1.25	-0.000730	±2.5	PASS
Band4	1312	2	NV	-30	-1.56	-0.000911	±2.5	PASS
Band4	1312	2	NV	-20	0.81	0.000473	±2.5	PASS
Band4	1312	2	NV	-10	-0.03	-0.000018	±2.5	PASS
Band4	1312	2	NV	0	-5.97	-0.003486	±2.5	PASS
Band4	1312	2	NV	10	-3.93	-0.002295	±2.5	PASS
Band4	1312	2	NV	20	-5.00	-0.002920	±2.5	PASS
Band4	1312	2	NV	30	-3.28	-0.001915	±2.5	PASS
Band4	1312	2	NV	40	-3.86	-0.002254	±2.5	PASS
Band4	1312	2	NV	50	-3.31	-0.001933	±2.5	PASS
Band4	1312	3	NV	-30	-0.87	-0.000508	±2.5	PASS
Band4	1312	3	NV	-20	-3.94	-0.002301	±2.5	PASS
Band4	1312	3	NV	-10	-4.82	-0.002815	±2.5	PASS
Band4	1312	3	NV	0	-2.31	-0.001349	±2.5	PASS
Band4	1312	3	NV	10	-3.93	-0.002295	±2.5	PASS
Band4	1312	3	NV	20	-0.71	-0.000415	±2.5	PASS

Band4	1312	3	NV	30	-1.09	-0.000637	±2.5	PASS
Band4	1312	3	NV	40	-1.27	-0.000742	±2.5	PASS
Band4	1312	3	NV	50	-2.61	-0.001524	±2.5	PASS
Band4	1312	4	NV	-30	-0.69	-0.000403	±2.5	PASS
Band4	1312	4	NV	-20	1.33	0.000777	±2.5	PASS
Band4	1312	4	NV	-10	-0.56	-0.000327	±2.5	PASS
Band4	1312	4	NV	0	-2.07	-0.001209	±2.5	PASS
Band4	1312	4	NV	10	0.44	0.000257	±2.5	PASS
Band4	1312	4	NV	20	-3.96	-0.002313	±2.5	PASS
Band4	1312	4	NV	30	1.26	0.000736	±2.5	PASS
Band4	1312	4	NV	40	1.15	0.000672	±2.5	PASS
Band4	1312	4	NV	50	1.60	0.000934	±2.5	PASS
Band4	1312	5	NV	-30	-2.26	-0.001320	±2.5	PASS
Band4	1312	5	NV	-20	-1.47	-0.000858	±2.5	PASS
Band4	1312	5	NV	-10	-2.07	-0.001209	±2.5	PASS
Band4	1312	5	NV	0	-0.28	-0.000164	±2.5	PASS
Band4	1312	5	NV	10	0.77	0.000450	±2.5	PASS
Band4	1312	5	NV	20	-0.66	-0.000385	±2.5	PASS
Band4	1312	5	NV	30	1.86	0.001086	±2.5	PASS
Band4	1312	5	NV	40	1.32	0.000771	±2.5	PASS
Band4	1312	5	NV	50	3.85	0.002248	±2.5	PASS
Band4	1413	1	NV	-30	-2.65	-0.001529	±2.5	PASS
Band4	1413	1	NV	-20	-2.60	-0.001501	±2.5	PASS
Band4	1413	1	NV	-10	-3.64	-0.002101	±2.5	PASS
Band4	1413	1	NV	0	-2.45	-0.001414	±2.5	PASS
Band4	1413	1	NV	10	-2.29	-0.001322	±2.5	PASS
Band4	1413	1	NV	20	-0.34	-0.000196	±2.5	PASS
Band4	1413	1	NV	30	-6.41	-0.003700	±2.5	PASS
Band4	1413	1	NV	40	-6.56	-0.003786	±2.5	PASS
Band4	1413	1	NV	50	-4.36	-0.002516	±2.5	PASS
Band4	1413	2	NV	-30	-3.73	-0.002153	±2.5	PASS
Band4	1413	2	NV	-20	-6.22	-0.003590	±2.5	PASS
Band4	1413	2	NV	-10	-6.05	-0.003492	±2.5	PASS
Band4	1413	2	NV	0	-2.98	-0.001720	±2.5	PASS
Band4	1413	2	NV	10	-6.23	-0.003596	±2.5	PASS
Band4	1413	2	NV	20	-6.57	-0.003792	±2.5	PASS
Band4	1413	2	NV	30	-5.45	-0.003146	±2.5	PASS
Band4	1413	2	NV	40	-2.33	-0.001345	±2.5	PASS
Band4	1413	2	NV	50	-4.61	-0.002661	±2.5	PASS
Band4	1413	3	NV	-30	-2.79	-0.001610	±2.5	PASS
Band4	1413	3	NV	-20	-7.31	-0.004219	±2.5	PASS
Band4	1413	3	NV	-10	-3.82	-0.002205	±2.5	PASS
Band4	1413	3	NV	0	-4.48	-0.002586	±2.5	PASS
Band4	1413	3	NV	10	-4.05	-0.002338	±2.5	PASS
Band4	1413	3	NV	20	-5.29	-0.003053	±2.5	PASS
Band4	1413	3	NV	30	-5.26	-0.003036	±2.5	PASS
Band4	1413	3	NV	40	-2.68	-0.001547	±2.5	PASS
Band4	1413	3	NV	50	-3.52	-0.002032	±2.5	PASS
Band4	1413	4	NV	-30	-2.73	-0.001576	±2.5	PASS
Band4	1413	4	NV	-20	-3.20	-0.001847	±2.5	PASS
Band4	1413	4	NV	-10	-4.56	-0.002632	±2.5	PASS
Band4	1413	4	NV	0	-3.97	-0.002291	±2.5	PASS
Band4	1413	4	NV	10	-4.23	-0.002441	±2.5	PASS
Band4	1413	4	NV	20	-0.69	-0.000398	±2.5	PASS
Band4	1413	4	NV	30	-0.83	-0.000479	±2.5	PASS
Band4	1413	4	NV	40	-2.11	-0.001218	±2.5	PASS
Band4	1413	4	NV	50	-2.23	-0.001287	±2.5	PASS

Band4	1413	5	NV	-30	-3.52	-0.002032	±2.5	PASS
Band4	1413	5	NV	-20	-7.41	-0.004277	±2.5	PASS
Band4	1413	5	NV	-10	-4.75	-0.002742	±2.5	PASS
Band4	1413	5	NV	0	-4.85	-0.002799	±2.5	PASS
Band4	1413	5	NV	10	-2.83	-0.001633	±2.5	PASS
Band4	1413	5	NV	20	-2.21	-0.001276	±2.5	PASS
Band4	1413	5	NV	30	-2.20	-0.001270	±2.5	PASS
Band4	1413	5	NV	40	0.16	0.000092	±2.5	PASS
Band4	1413	5	NV	50	-5.04	-0.002909	±2.5	PASS
Band4	1513	1	NV	-30	-2.73	-0.001558	±2.5	PASS
Band4	1513	1	NV	-20	-4.96	-0.002830	±2.5	PASS
Band4	1513	1	NV	-10	-4.21	-0.002402	±2.5	PASS
Band4	1513	1	NV	0	-3.81	-0.002174	±2.5	PASS
Band4	1513	1	NV	10	-1.88	-0.001073	±2.5	PASS
Band4	1513	1	NV	20	-3.09	-0.001763	±2.5	PASS
Band4	1513	1	NV	30	0.77	0.000439	±2.5	PASS
Band4	1513	1	NV	40	-4.25	-0.002425	±2.5	PASS
Band4	1513	1	NV	50	-1.98	-0.001130	±2.5	PASS
Band4	1513	2	NV	-30	-2.35	-0.001341	±2.5	PASS
Band4	1513	2	NV	-20	-2.49	-0.001421	±2.5	PASS
Band4	1513	2	NV	-10	-3.91	-0.002231	±2.5	PASS
Band4	1513	2	NV	0	-3.98	-0.002271	±2.5	PASS
Band4	1513	2	NV	10	-2.06	-0.001175	±2.5	PASS
Band4	1513	2	NV	20	-3.38	-0.001929	±2.5	PASS
Band4	1513	2	NV	30	-5.05	-0.002881	±2.5	PASS
Band4	1513	2	NV	40	0.44	0.000251	±2.5	PASS
Band4	1513	2	NV	50	-0.52	-0.000297	±2.5	PASS
Band4	1513	3	NV	-30	-0.32	-0.000183	±2.5	PASS
Band4	1513	3	NV	-20	-1.51	-0.000862	±2.5	PASS
Band4	1513	3	NV	-10	-1.30	-0.000742	±2.5	PASS
Band4	1513	3	NV	0	-5.94	-0.003389	±2.5	PASS
Band4	1513	3	NV	10	-7.10	-0.004051	±2.5	PASS
Band4	1513	3	NV	20	-6.65	-0.003794	±2.5	PASS
Band4	1513	3	NV	30	-1.54	-0.000879	±2.5	PASS
Band4	1513	3	NV	40	-1.94	-0.001107	±2.5	PASS
Band4	1513	3	NV	50	-0.97	-0.000553	±2.5	PASS
Band4	1513	4	NV	-30	-5.22	-0.002978	±2.5	PASS
Band4	1513	4	NV	-20	-5.84	-0.003332	±2.5	PASS
Band4	1513	4	NV	-10	-4.13	-0.002356	±2.5	PASS
Band4	1513	4	NV	0	-3.17	-0.001809	±2.5	PASS
Band4	1513	4	NV	10	-4.30	-0.002453	±2.5	PASS
Band4	1513	4	NV	20	-1.33	-0.000759	±2.5	PASS
Band4	1513	4	NV	30	-2.63	-0.001501	±2.5	PASS
Band4	1513	4	NV	40	-0.70	-0.000399	±2.5	PASS
Band4	1513	4	NV	50	-3.15	-0.001797	±2.5	PASS
Band4	1513	5	NV	-30	-1.13	-0.000645	±2.5	PASS
Band4	1513	5	NV	-20	-1.30	-0.000742	±2.5	PASS
Band4	1513	5	NV	-10	-6.14	-0.003503	±2.5	PASS
Band4	1513	5	NV	0	-4.00	-0.002282	±2.5	PASS
Band4	1513	5	NV	10	-2.26	-0.001290	±2.5	PASS
Band4	1513	5	NV	20	-4.81	-0.002744	±2.5	PASS
Band4	1513	5	NV	30	-5.89	-0.003361	±2.5	PASS
Band4	1513	5	NV	40	-5.20	-0.002967	±2.5	PASS
Band4	1513	5	NV	50	-2.75	-0.001569	±2.5	PASS

1.7 Appendix G: Modulation Characteristics

1.7.1 Test Result

Band	Channel	Result	Verdict
Band4	1312	PASS	PASS
Band4	1413	PASS	PASS
Band4	1513	PASS	PASS

1.7.2 Test Graphs

