AppendixB:Peak-to-Average Ratio

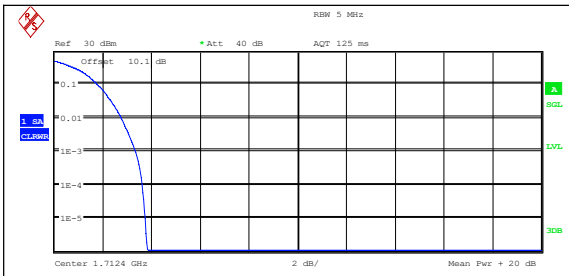
Test Result

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band4	1312	3.33	13	PASS
Band4	1413	3.37	13	PASS
Band4	1513	3.37	13	PASS

Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band4	1312	1	3.3	13	PASS
Band4	1312	2	3.85	13	PASS
Band4	1312	3	4.07	13	PASS
Band4	1312	4	4.13	13	PASS
Band4	1413	1	3.27	13	PASS
Band4	1413	2	3.81	13	PASS
Band4	1413	3	4.04	13	PASS
Band4	1413	4	4.1	13	PASS
Band4	1513	1	3.33	13	PASS
Band4	1513	2	3.78	13	PASS
Band4	1513	3	3.97	13	PASS
Band4	1513	4	4.04	13	PASS

Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band4	1312	1	4.36	13	PASS
Band4	1312	2	5.42	13	PASS
Band4	1312	3	4.97	13	PASS
Band4	1312	4	5.38	13	PASS
Band4	1312	5	4.33	13	PASS
Band4	1413	1	4.39	13	PASS
Band4	1413	2	5.38	13	PASS
Band4	1413	3	5	13	PASS
Band4	1413	4	5.38	13	PASS
Band4	1413	5	4.29	13	PASS
Band4	1513	1	4.39	13	PASS
Band4	1513	2	5.45	13	PASS
Band4	1513	3	5	13	PASS
Band4	1513	4	5.45	13	PASS
Band4	1513	5	4.29	13	PASS

Test Graphs

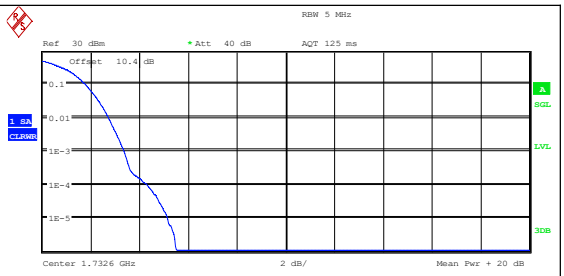


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	21.51 dBm
Peak	25.35 dBm
Crest	3.85 dB
10 %	1.76 dB
1 %	2.76 dB
.1 %	3.33 dB
.01 %	3.62 dB

Date: 12.FEB.2025 01:43:47

Band4-1312-PASS

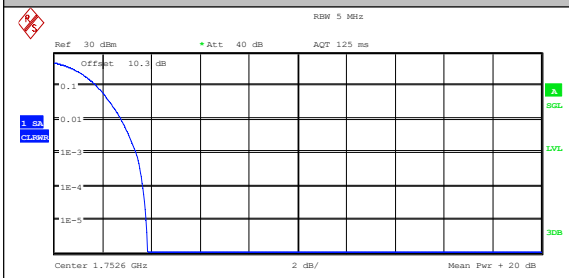


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	21.78 dBm
Peak	27.40 dBm
Crest	5.62 dB
10 %	1.76 dB
1 %	2.72 dB
.1 %	3.37 dB
.01 %	4.26 dB

Date: 12.FEB.2025 01:44:04

Band4-1413-PASS

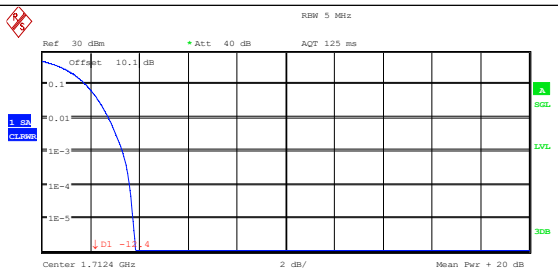


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	21.32 dBm
Peak	25.21 dBm
Crest	3.90 dB
10 %	1.73 dB
1 %	2.76 dB
.1 %	3.37 dB
.01 %	3.65 dB

Date: 12.FEB.2025 01:44:20

Band4-1513-PASS

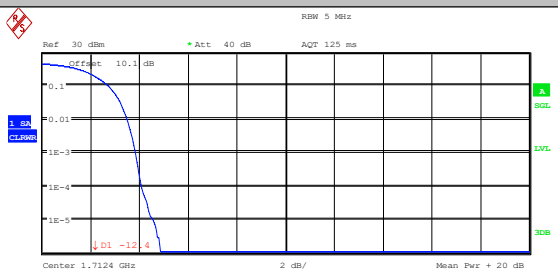


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	20.75 dBm
Peak	24.72 dBm
Crest	3.97 dB
10 %	1.79 dB
1 %	2.72 dB
.1 %	3.30 dB
.01 %	3.59 dB

Date: 12.FEB.2025 02:01:01

Band4-1312-1-PASS

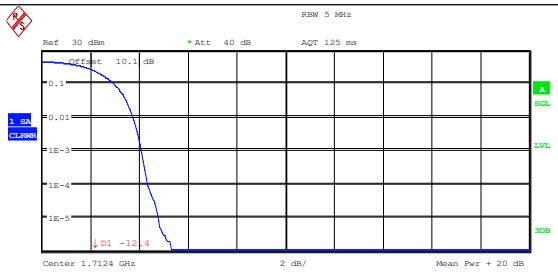


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	20.20 dBm
Peak	25.07 dBm
Crest	4.87 dB
10 %	2.72 dB
1 %	3.49 dB
.1 %	3.85 dB
.01 %	4.07 dB

Date: 12.FEB.2025 02:02:10

Band4-1312-2-PASS

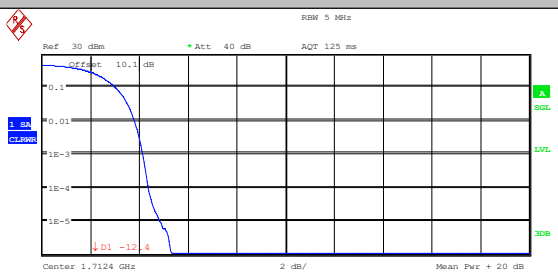


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	20.25 dBm
Peak	25.71 dBm
Crest	5.46 dB
10 %	2.95 dB
1 %	3.72 dB
.1 %	4.07 dB
.01 %	4.33 dB

Date: 12.FEB.2025 02:03:19

Band4-1312-3-PASS

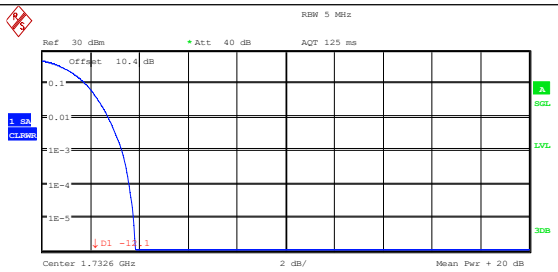


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	20.19 dBm
Peak	25.57 dBm
Crest	5.37 dB
10 %	3.01 dB
1 %	3.78 dB
.1 %	4.13 dB
.01 %	4.36 dB

Date: 12.FEB.2025 02:04:28

Band4-1312-4-PASS

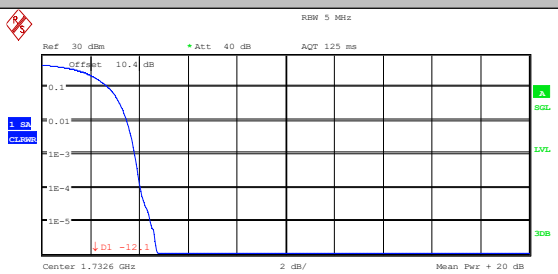


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	21.03 dBm
Peak	24.86 dBm
Crest	3.83 dB
10 %	1.79 dB
1 %	2.72 dB
.1 %	3.27 dB
.01 %	3.56 dB

Date: 12.FEB.2025 02:01:20

Band4-1413-1-PASS

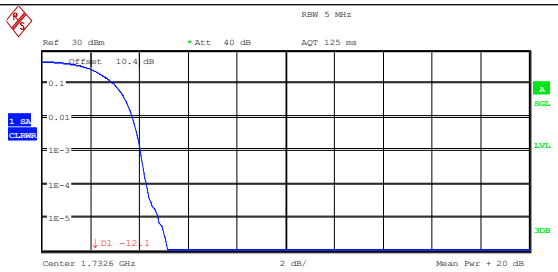


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	20.49 dBm
Peak	25.28 dBm
Crest	4.79 dB
10 %	2.69 dB
1 %	3.46 dB
.1 %	3.81 dB
.01 %	4.04 dB

Date: 12.FEB.2025 02:02:29

Band4-1413-2-PASS

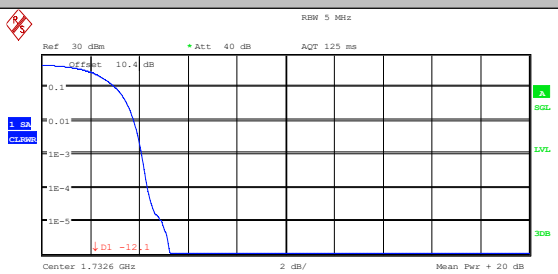


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	20.49 dBm
Peak	25.71 dBm
Crest	5.22 dB
10 %	2.95 dB
1 %	3.72 dB
.1 %	4.04 dB
.01 %	4.29 dB

Date: 12.FEB.2025 02:03:38

Band4-1413-3-PASS

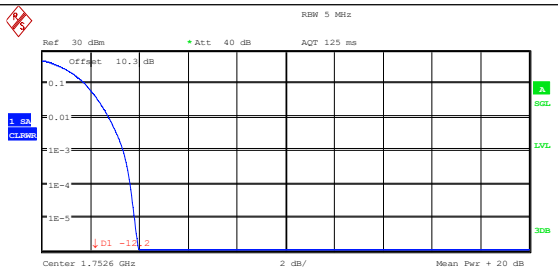


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	20.46 dBm
Peak	25.85 dBm
Crest	5.39 dB
10 %	3.01 dB
1 %	3.75 dB
.1 %	4.10 dB
.01 %	4.33 dB

Date: 12.FEB.2025 02:04:47

Band4-1413-4-PASS

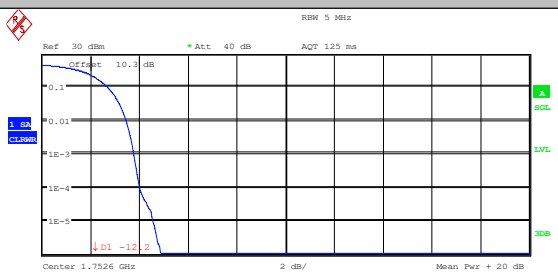


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	20.59 dBm
Peak	24.58 dBm
Crest	3.99 dB
10 %	1.76 dB
1 %	2.72 dB
.1 %	3.33 dB
.01 %	3.62 dB

Date: 12.FEB.2025 02:01:38

Band4-1513-1-PASS

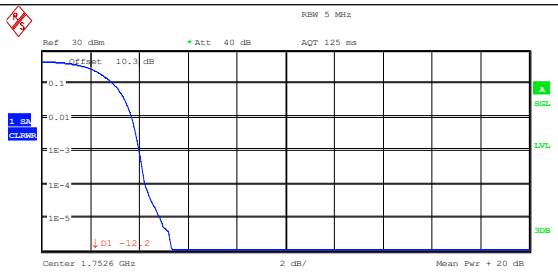


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	20.04 dBm
Peak	24.93 dBm
Crest	4.89 dB
10 %	2.69 dB
1 %	3.46 dB
.1 %	3.78 dB
.01 %	4.01 dB

Date: 12.FEB.2025 02:02:47

Band4-1513-2-PASS

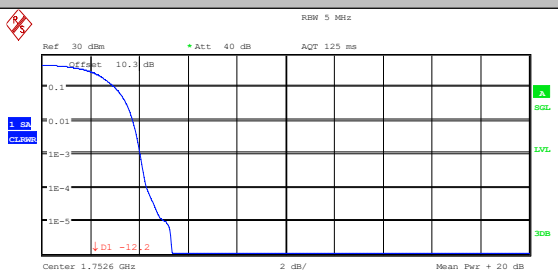


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	20.03 dBm
Peak	25.50 dBm
Crest	5.46 dB
10 %	2.92 dB
1 %	3.69 dB
.1 %	3.97 dB
.01 %	4.23 dB

Date: 12.FEB.2025 02:03:56

Band4-1513-3-PASS

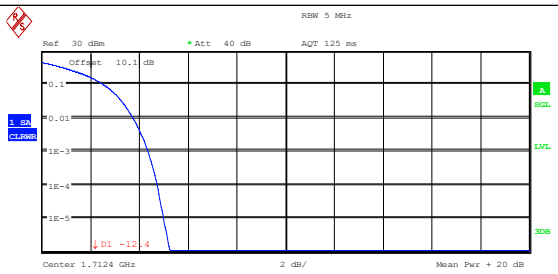


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	20.01 dBm
Peak	25.35 dBm
Crest	5.34 dB
10 %	2.98 dB
1 %	3.72 dB
.1 %	4.04 dB
.01 %	4.29 dB

Date: 12.FEB.2025 02:05:05

Band4-1513-4-PASS

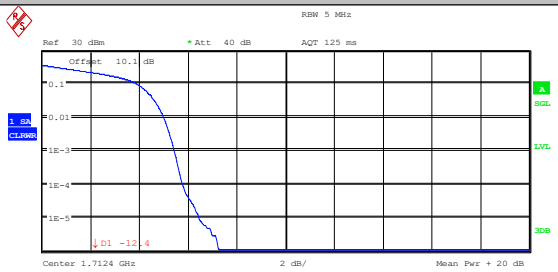


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	19.34 dBm
Peak	24.86 dBm
Crest	5.52 dB
10 %	2.53 dB
1 %	3.72 dB
.1 %	4.36 dB
.01 %	4.74 dB

Date: 12.FEB.2025 03:12:33

Band4-1312-1-PASS

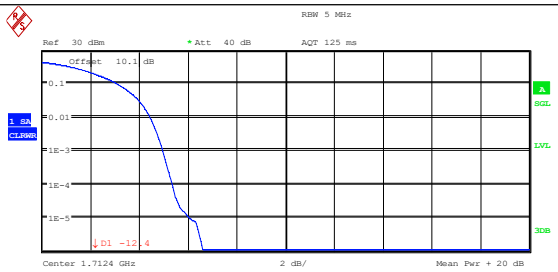


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	19.03 dBm
Peak	26.34 dBm
Crest	7.32 dB
10 %	3.91 dB
1 %	5.00 dB
.1 %	5.42 dB
.01 %	5.77 dB

Date: 12.FEB.2025 03:15:28

Band4-1312-2-PASS

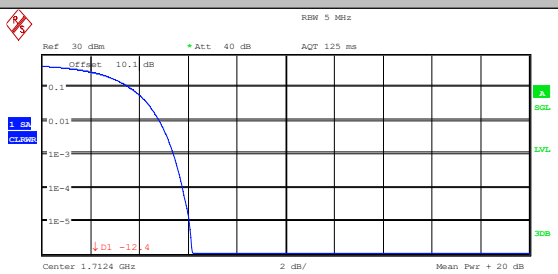


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	19.82 dBm
Peak	26.55 dBm
Crest	6.73 dB
10 %	3.11 dB
1 %	4.42 dB
.1 %	4.97 dB
.01 %	5.35 dB

Date: 12.FEB.2025 03:18:18

Band4-1312-3-PASS

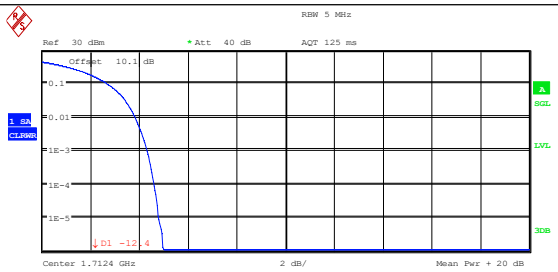


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	17.11 dBm
Peak	23.31 dBm
Crest	6.20 dB
10 %	3.59 dB
1 %	4.81 dB
.1 %	5.38 dB
.01 %	5.77 dB

Date: 12.FEB.2025 03:21:04

Band4-1312-4-PASS

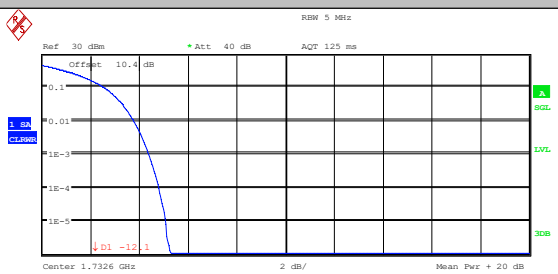


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	19.95 dBm
Peak	24.93 dBm
Crest	4.98 dB
10 %	2.69 dB
1 %	3.81 dB
.1 %	4.33 dB
.01 %	4.62 dB

Date: 12.FEB.2025 03:23:48

Band4-1312-5-PASS

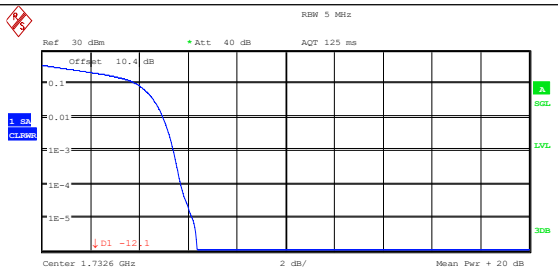


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	19.60 dBm
Peak	24.93 dBm
Crest	5.33 dB
10 %	2.53 dB
1 %	3.75 dB
.1 %	4.39 dB
.01 %	4.81 dB

Date: 12.FEB.2025 03:13:49

Band4-1413-1-PASS

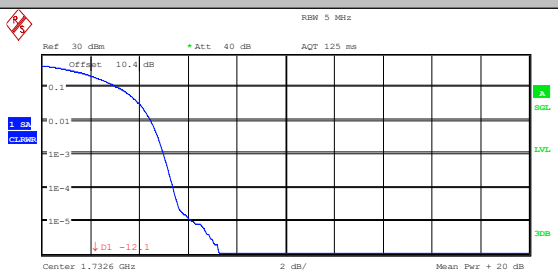


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	19.32 dBm
Peak	25.71 dBm
Crest	6.39 dB
10 %	3.88 dB
1 %	4.97 dB
.1 %	5.38 dB
.01 %	5.71 dB

Date: 12.FEB.2025 03:16:33

Band4-1413-2-PASS

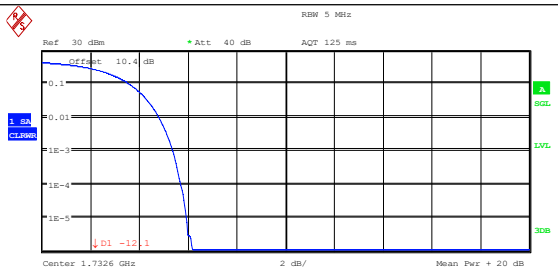


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	19.37 dBm
Peak	26.98 dBm
Crest	7.61 dB
10 %	3.11 dB
1 %	4.46 dB
.1 %	5.00 dB
.01 %	5.38 dB

Date: 12.FEB.2025 03:19:17

Band4-1413-3-PASS

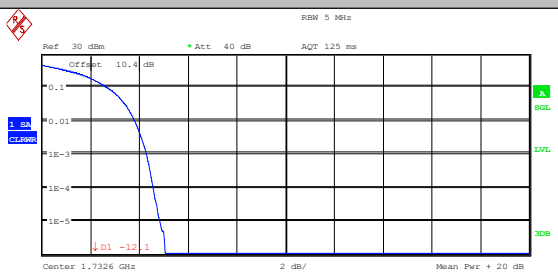


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	17.39 dBm
Peak	23.59 dBm
Crest	6.20 dB
10 %	3.59 dB
1 %	4.81 dB
.1 %	5.38 dB
.01 %	5.71 dB

Date: 12.FEB.2025 03:22:08

Band4-1413-4-PASS

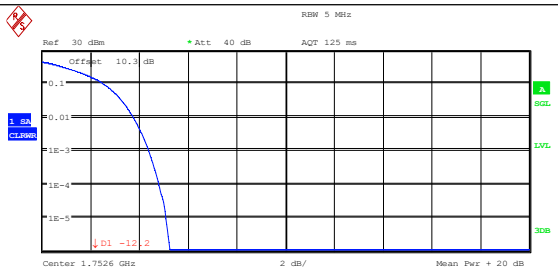


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	20.23 dBm
Peak	25.35 dBm
Crest	5.13 dB
10 %	2.66 dB
1 %	3.78 dB
.1 %	4.29 dB
.01 %	4.55 dB

Date: 12.FEB.2025 03:24:13

Band4-1413-5-PASS

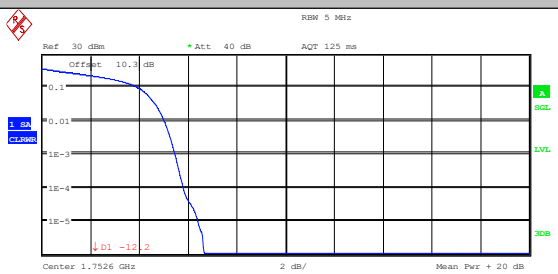


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	19.13 dBm
Peak	24.51 dBm
Crest	5.38 dB
10 %	2.53 dB
1 %	3.75 dB
.1 %	4.39 dB
.01 %	4.81 dB

Date: 12.FEB.2025 03:14:48

Band4-1513-1-PASS

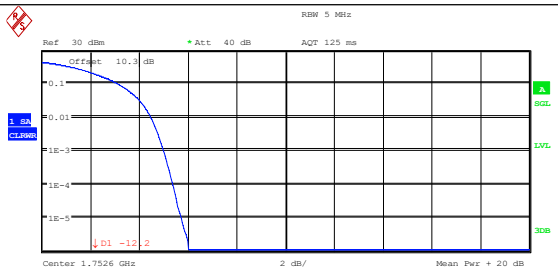


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	18.84 dBm
Peak	25.50 dBm
Crest	6.65 dB
10 %	3.94 dB
1 %	5.00 dB
.1 %	5.45 dB
.01 %	5.80 dB

Date: 12.FEB.2025 03:17:37

Band4-1513-2-PASS

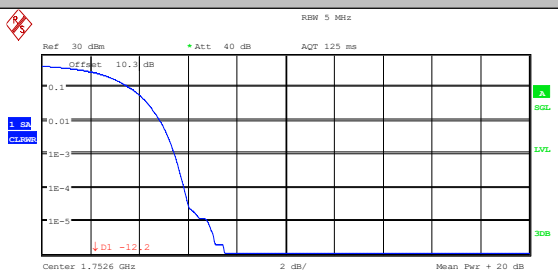


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	19.65 dBm
Peak	25.71 dBm
Crest	6.06 dB
10 %	3.14 dB
1 %	4.46 dB
.1 %	5.00 dB
.01 %	5.35 dB

Date: 12.FEB.2025 03:20:20

Band4-1513-3-PASS

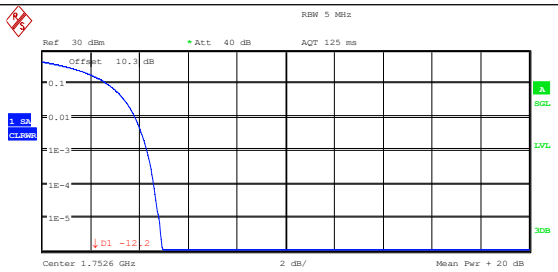


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	17.00 dBm
Peak	24.51 dBm
Crest	7.51 dB
10 %	3.59 dB
1 %	4.84 dB
.1 %	5.45 dB
.01 %	5.83 dB

Date: 12.FEB.2025 03:23:07

Band4-1513-4-PASS



Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	19.78 dBm
Peak	24.79 dBm
Crest	5.01 dB
10 %	2.69 dB
1 %	3.81 dB
.1 %	4.29 dB
.01 %	4.58 dB

Date: 12.FEB.2025 03:24:36

Band4-1513-5-PASS

AppendixB:26dB Bandwidth andOccupied Bandwidth

Test Result

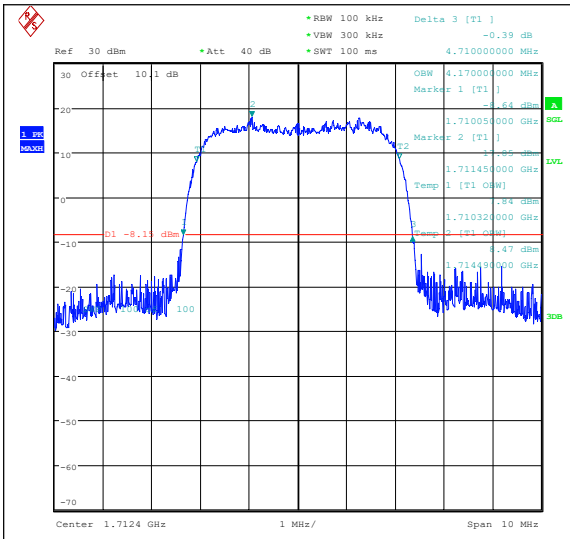
Band	Channel	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
Band4	1312	4.17	4.71	---	PASS
Band4	1413	4.17	4.73	---	PASS
Band4	1513	4.17	4.73	---	PASS

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

Band	Channel	SubTest	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
Band4	1312	1	4.18	4.73	---	PASS
Band4	1312	2	4.18	4.72	---	PASS
Band4	1312	3	4.19	4.71	---	PASS
Band4	1312	4	4.18	4.71	---	PASS
Band4	1312	5	4.17	4.74	---	PASS
Band4	1413	1	4.19	4.74	---	PASS
Band4	1413	2	4.19	4.73	---	PASS
Band4	1413	3	4.19	4.73	---	PASS
Band4	1413	4	4.19	4.72	---	PASS
Band4	1413	5	4.17	4.73	---	PASS
Band4	1513	1	4.2	4.73	---	PASS

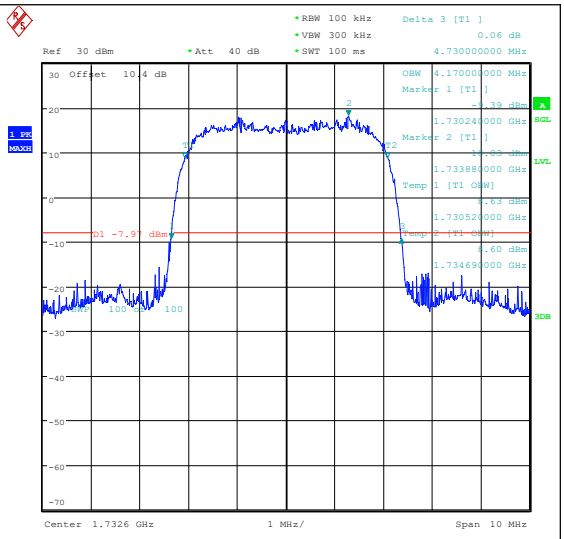
Band4	1513	2	4.19	4.74	---	PASS
Band4	1513	3	4.19	4.74	---	PASS
Band4	1513	4	4.19	4.72	---	PASS
Band4	1513	5	4.17	4.72	---	PASS

Test Graphs



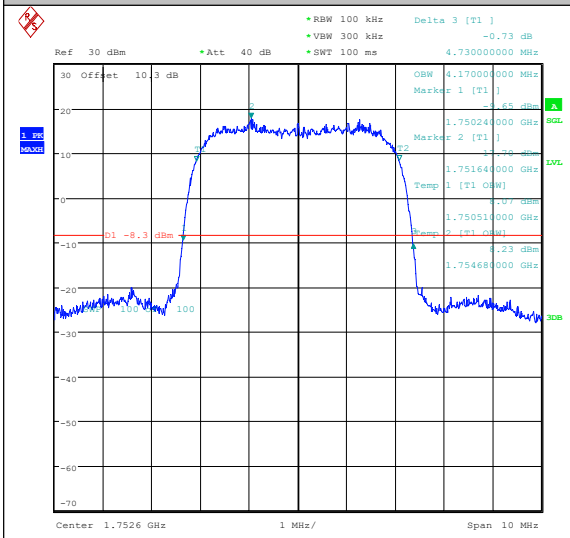
Date: 12.FEB.2025 01:50:01

Band4-1312-PASS



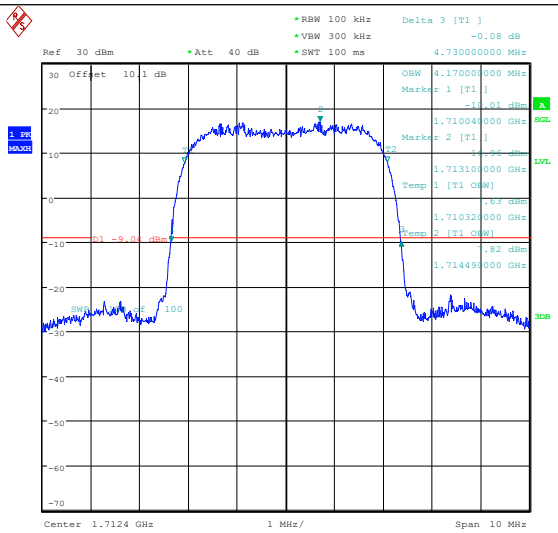
Date: 12.FEB.2025 01:50:24

Band4-1413-PASS



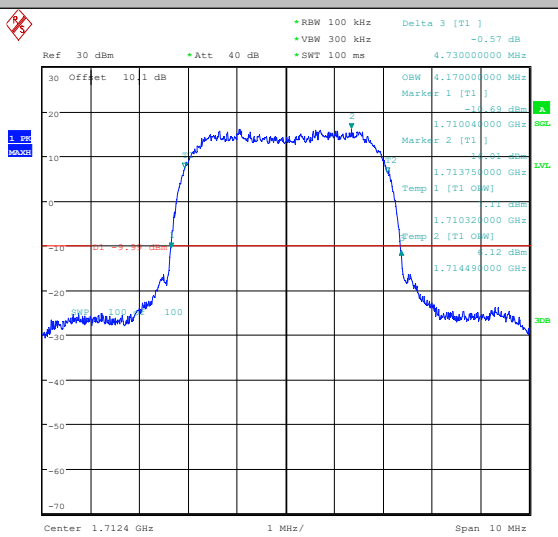
Date: 12.FEB.2025 01:50:46

Band4-1513-PASS



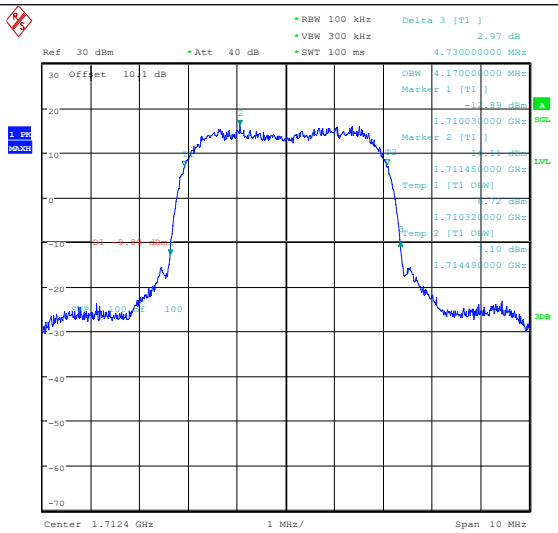
Date: 12.FEB.2025 02:30:53

Band4-1312-1-PASS

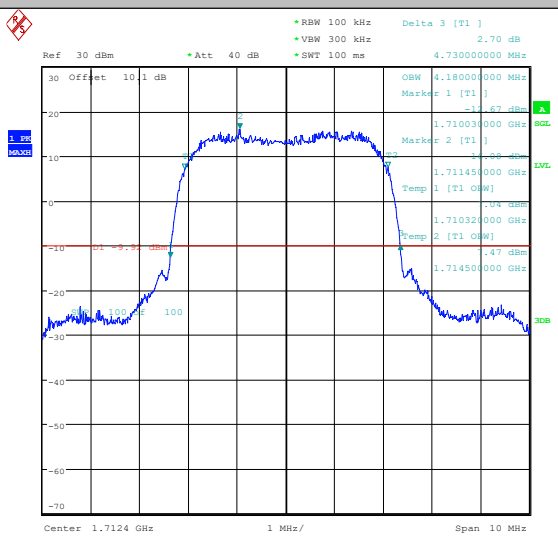


Date: 12.FEB.2025 02:32:40

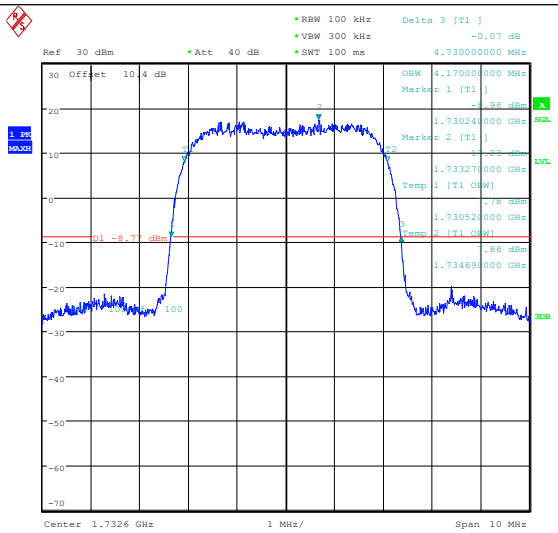
Band4-1312-2-PASS



Band4-1312-3-PASS

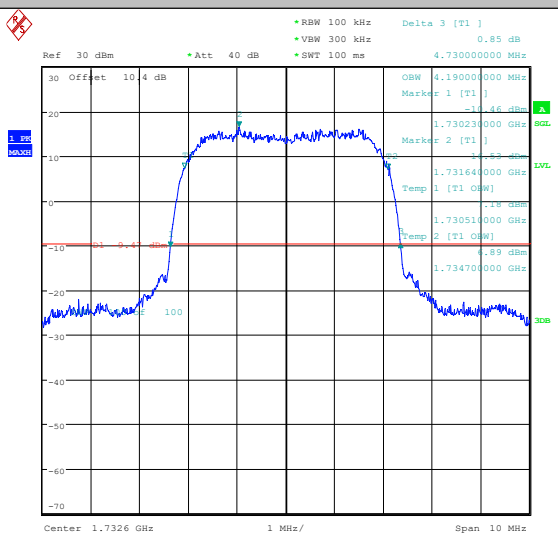


Band4-1312-4-PASS



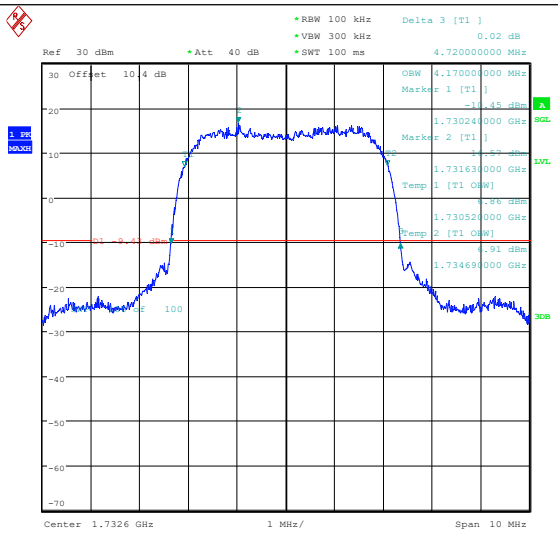
Date: 12.FEB.2025 02:31:25

Band4-1413-1-PASS

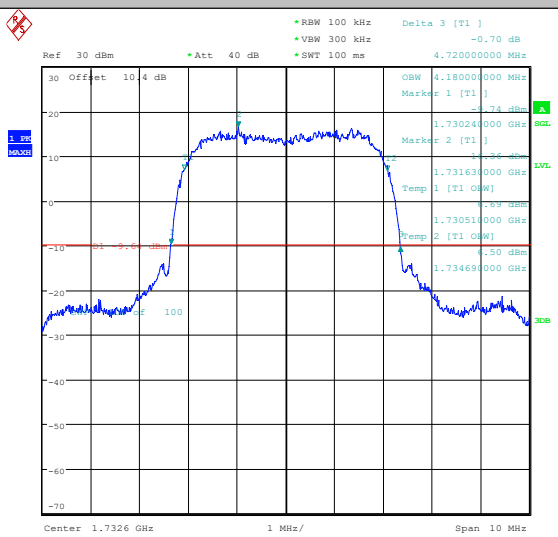


Date: 12.FEB.2025 02:33:12

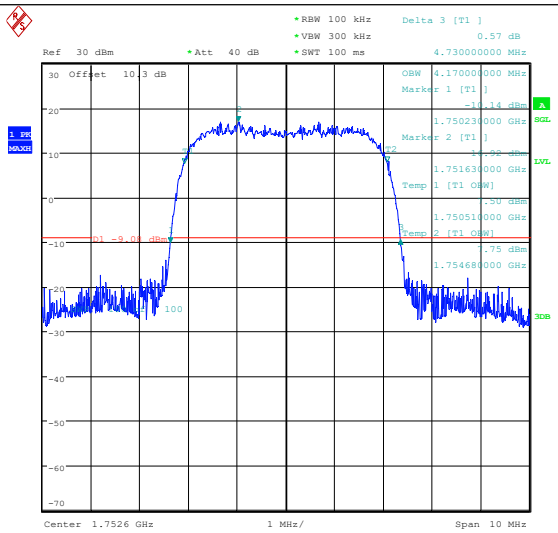
Band4-1413-2-PASS



Band4-1413-3-PASS

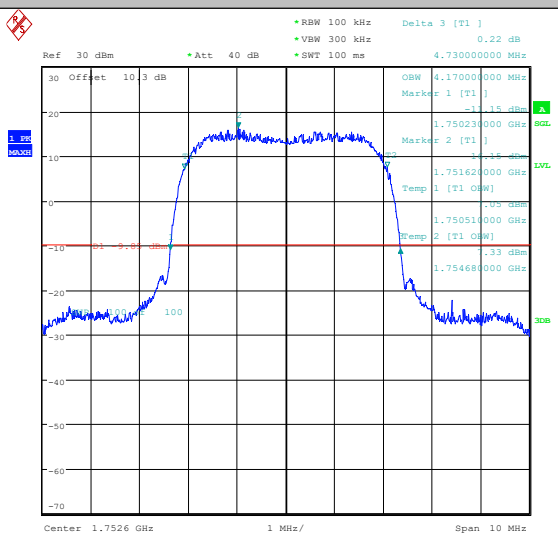


Band4-1413-4-PASS



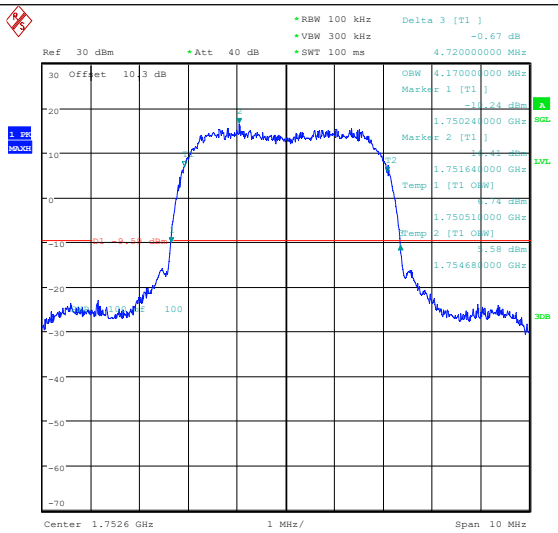
Date: 12.FEB.2025 02:31:54

Band4-1513-1-PASS



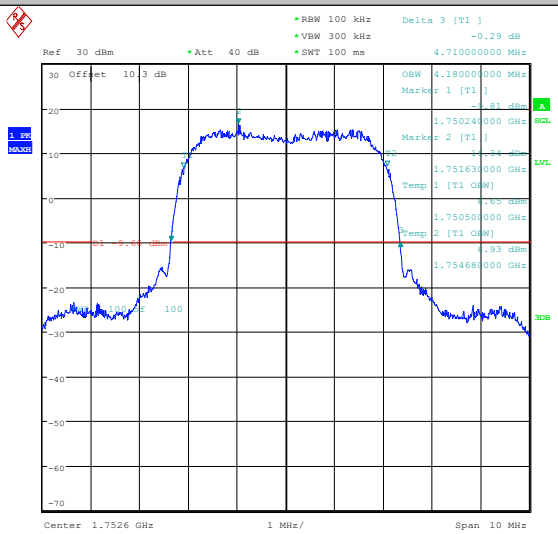
Date: 12.FEB.2025 02:33:41

Band4-1513-2-PASS



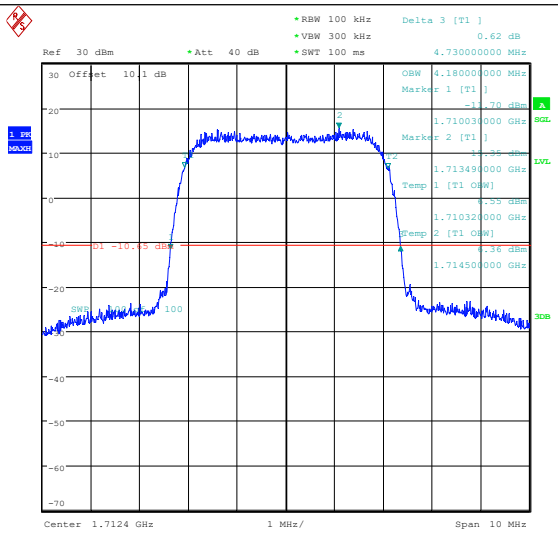
Date: 12.FEB.2025 02:35:29

Band4-1513-3-PASS



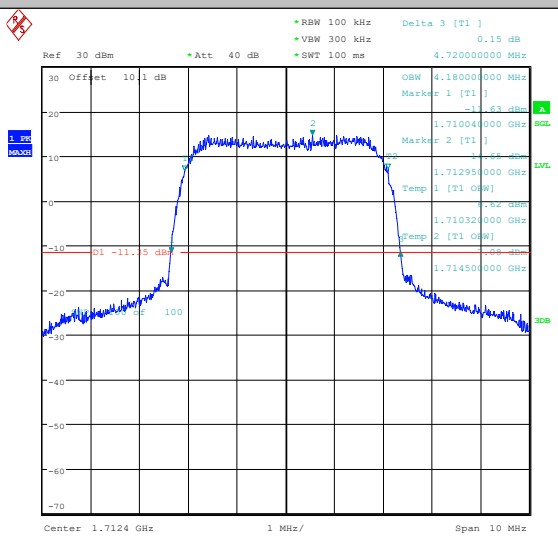
Date: 12.FEB.2025 02:37:16

Band4-1513-4-PASS



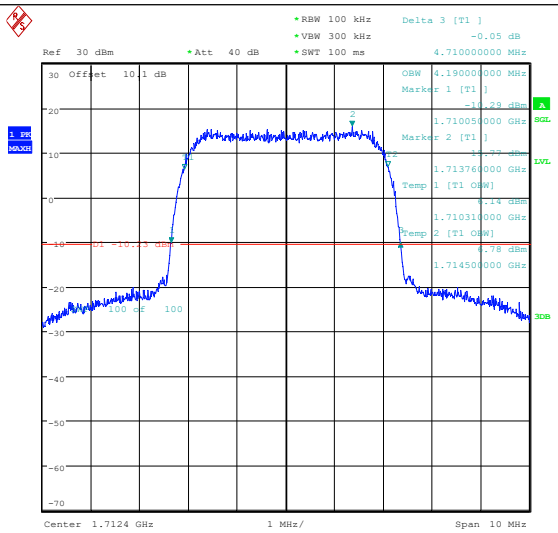
Date: 12.FEB.2025 03:56:26

Band4-1312-1-PASS

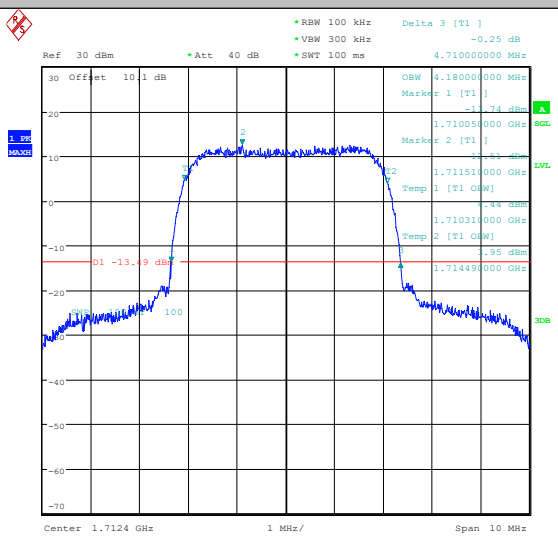


Date: 12.FEB.2025 04:00:03

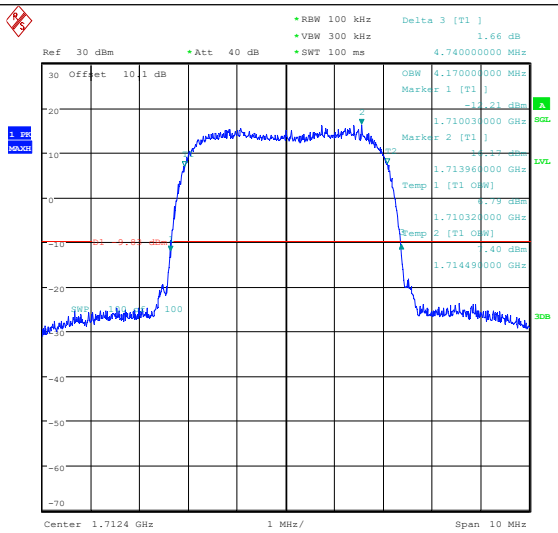
Band4-1312-2-PASS



Band4-1312-3-PASS

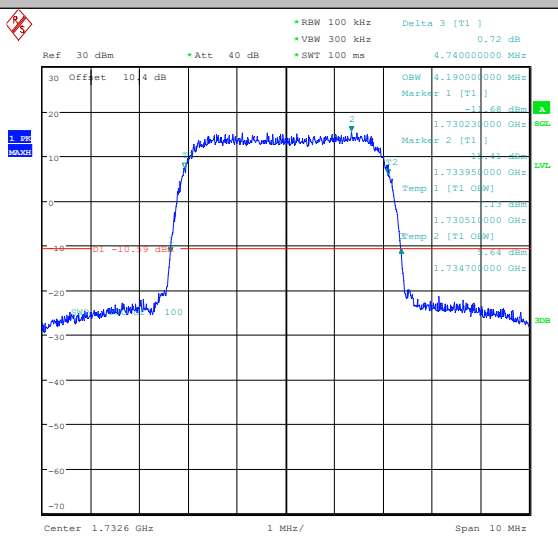


Band4-1312-4-PASS



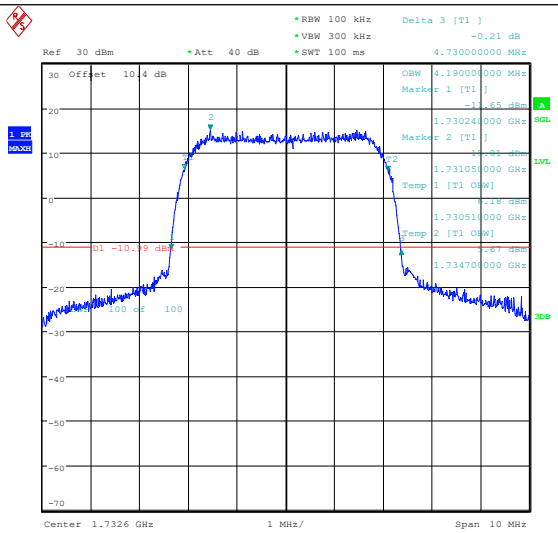
Date: 12.FEB.2025 04:10:31

Band4-1312-5-PASS



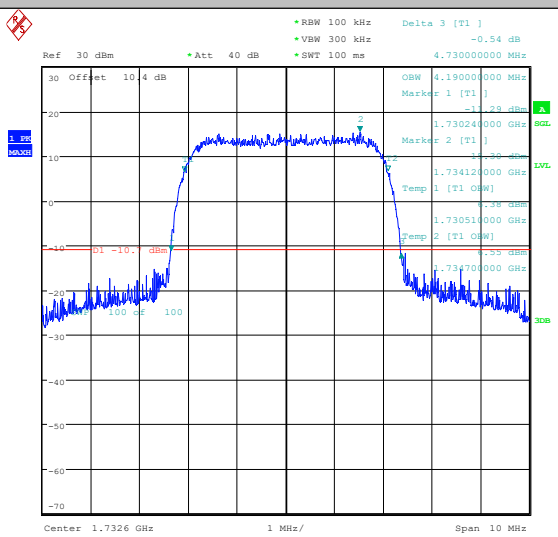
Date: 12.FEB.2025 03:57:53

Band4-1413-1-PASS



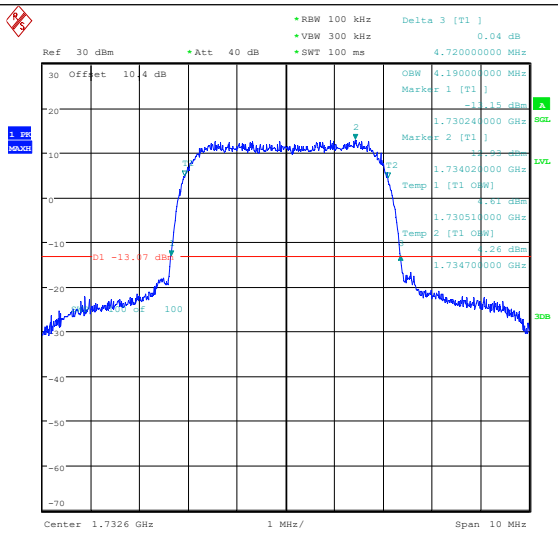
Date: 12.FEB.2025 04:01:20

Band4-1413-2-PASS



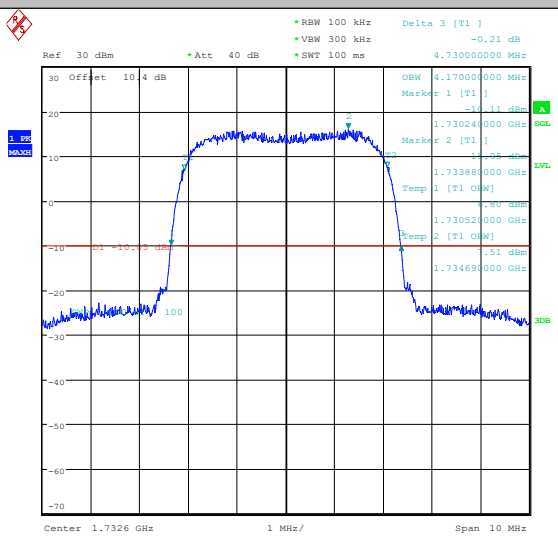
Date: 12.FEB.2025 04:04:42

Band4-1413-3-PASS



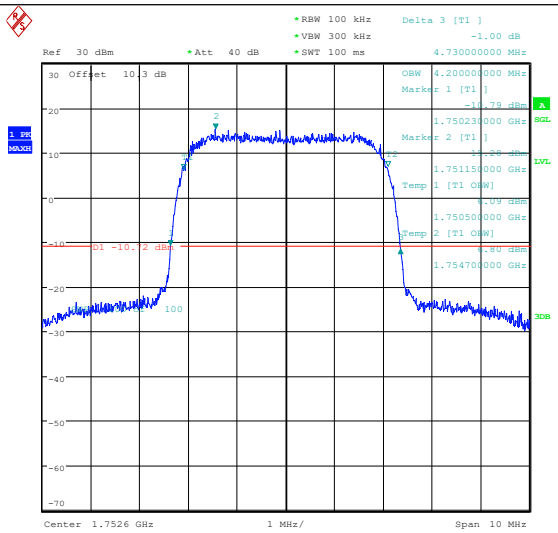
Date: 12.FEB.2025 04:08:10

Band4-1413-4-PASS



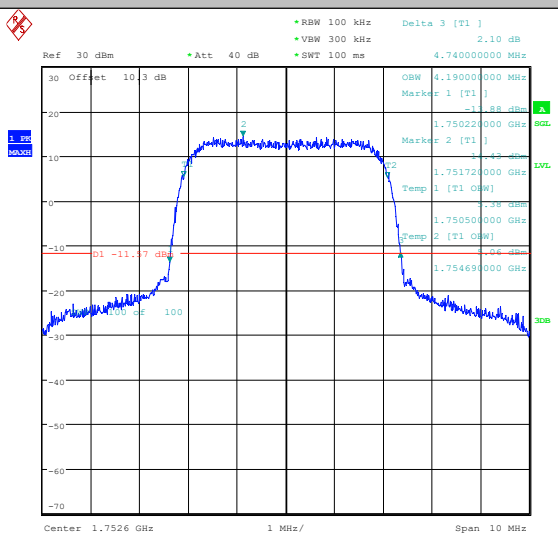
Date: 12.FEB.2025 04:11:08

Band4-1413-5-PASS



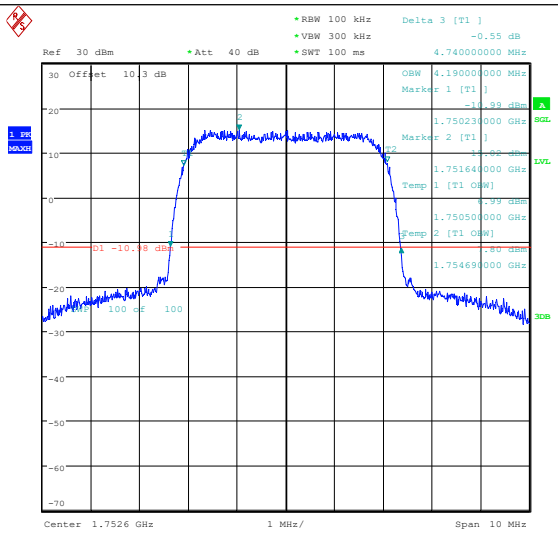
Date: 12.FEB.2025 03:59:06

Band4-1513-1-PASS

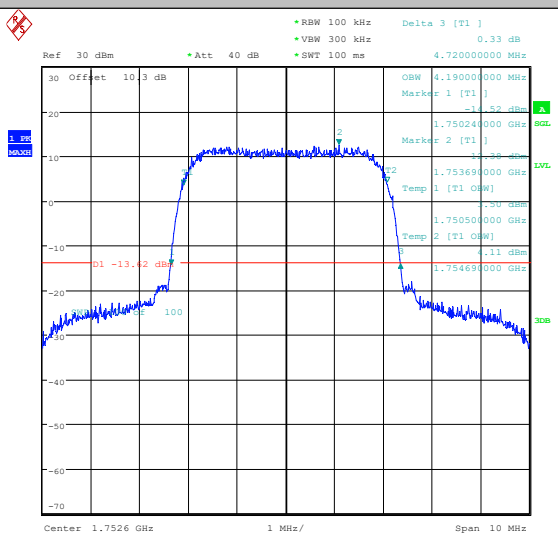


Date: 12.FEB.2025 04:02:34

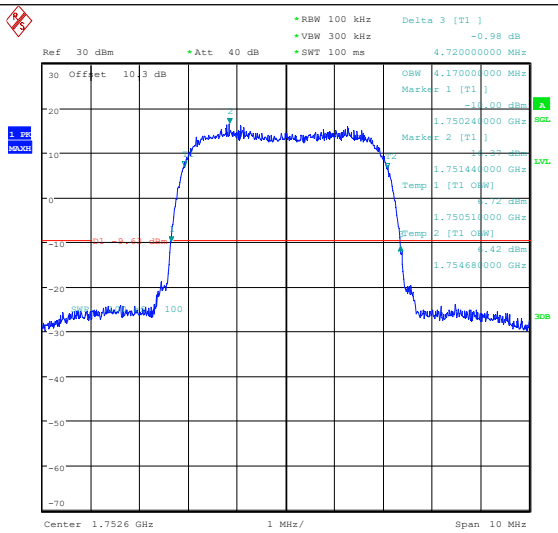
Band4-1513-2-PASS



Band4-1513-3-PASS



Band4-1513-4-PASS



Date: 12.FEB.2025 04:11:44

Band4-1513-5-PASS

AppendixC:Band Edge

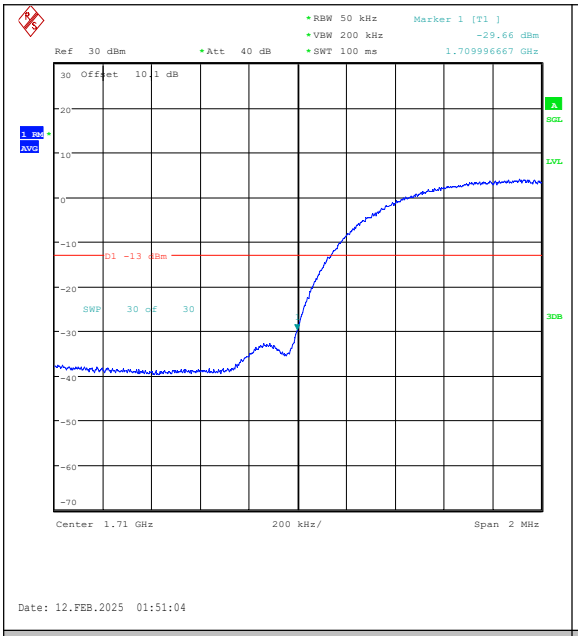
Test Result

Band	Channel	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band4	1312	1710.00	-29.66	-13	PASS
Band4	1513	1755.00	-30.08	-13	PASS

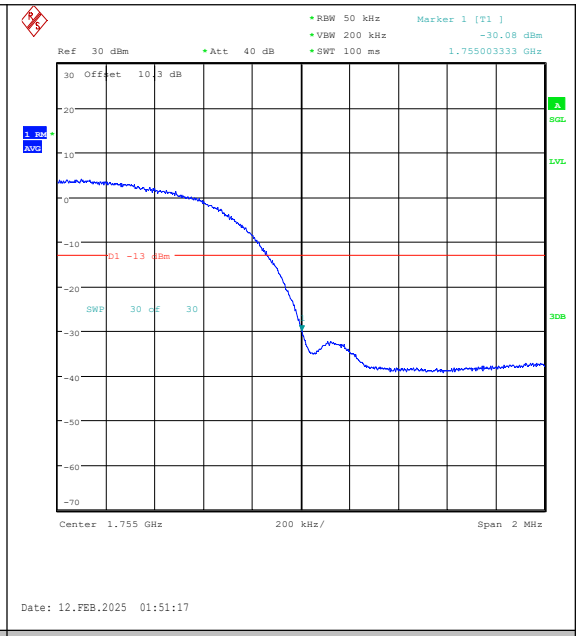
Band	Channel	SubTest	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band4	1312	1	1710.00	-29.66	-13	PASS
Band4	1312	2	1709.87	-28.48	-13	PASS
Band4	1312	3	1709.87	-27.18	-13	PASS
Band4	1312	4	1709.86	-26.68	-13	PASS
Band4	1513	1	1755.00	-30.41	-13	PASS
Band4	1513	2	1755.12	-28.98	-13	PASS
Band4	1513	3	1755.13	-27.62	-13	PASS
Band4	1513	4	1755.11	-27.32	-13	PASS

Band	Channel	SubTest	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band4	1312	1	1710.00	-31.54	-13	PASS
Band4	1312	2	1709.89	-28.69	-13	PASS
Band4	1312	3	1709.86	-29.77	-13	PASS
Band4	1312	4	1709.85	-30.52	-13	PASS
Band4	1312	5	1710.00	-31.44	-13	PASS
Band4	1513	1	1755.00	-31.88	-13	PASS
Band4	1513	2	1755.12	-28.97	-13	PASS
Band4	1513	3	1755.13	-29.65	-13	PASS
Band4	1513	4	1755.11	-30.38	-13	PASS
Band4	1513	5	1755.00	-31.40	-13	PASS

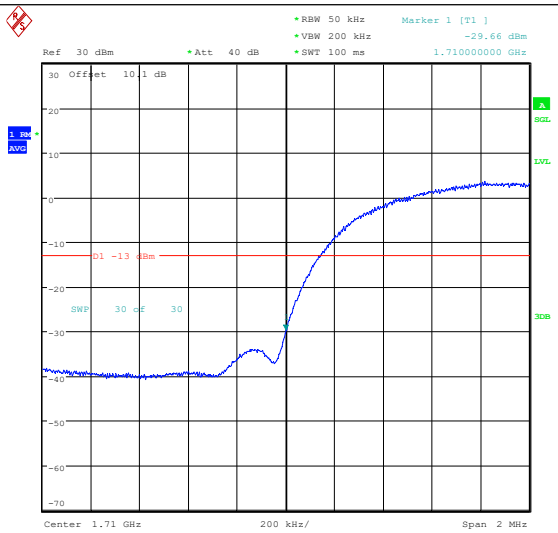
Test Graphs



Band4-1312-PASS

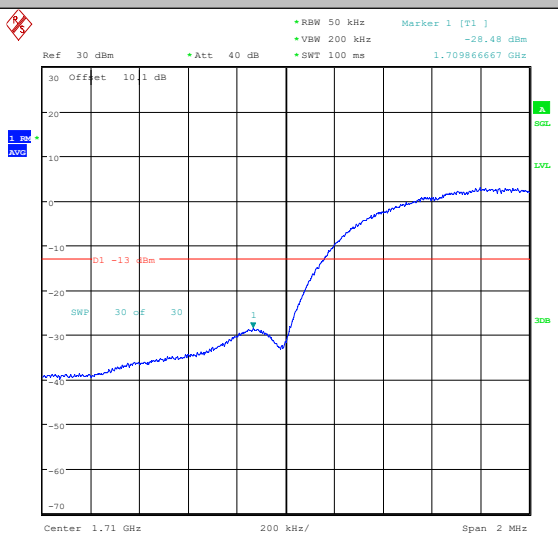


Band4-1513-PASS



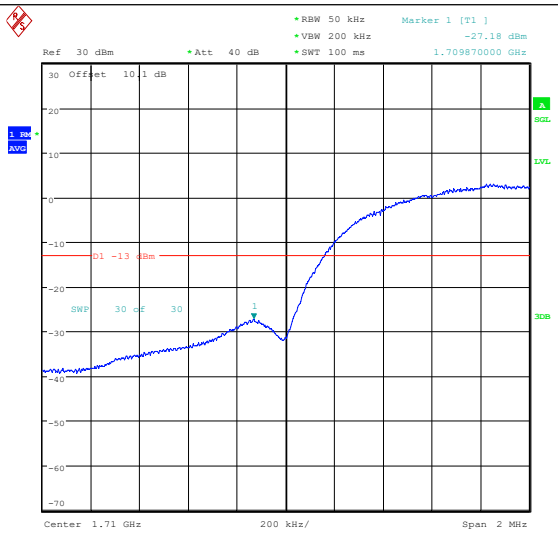
Date: 12.FEB.2025 02:37:54

Band4-1312-1-PASS



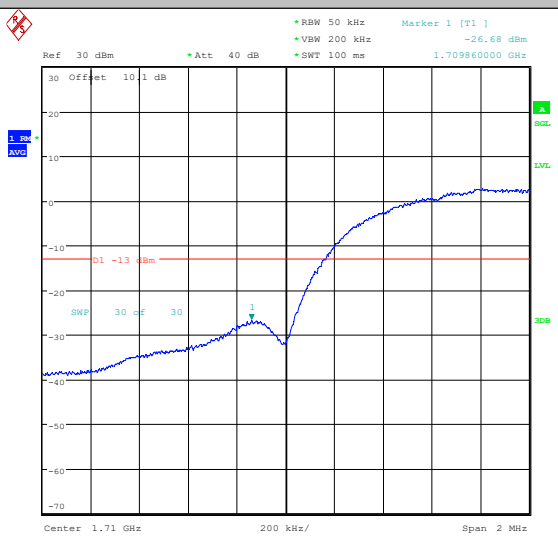
Date: 12.FEB.2025 02:38:44

Band4-1312-2-PASS



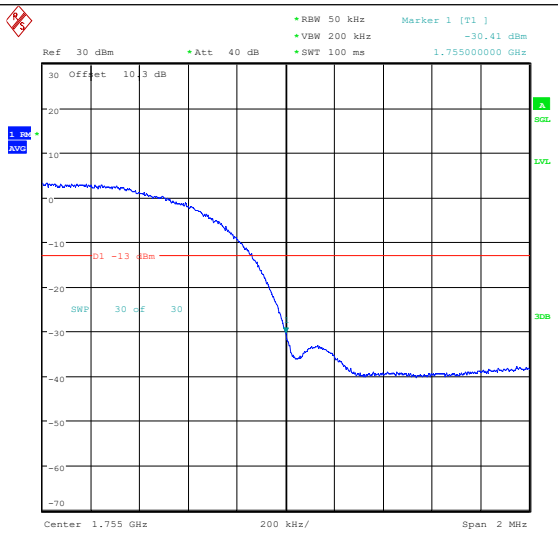
Date: 12.FEB.2025 02:39:36

Band4-1312-3-PASS



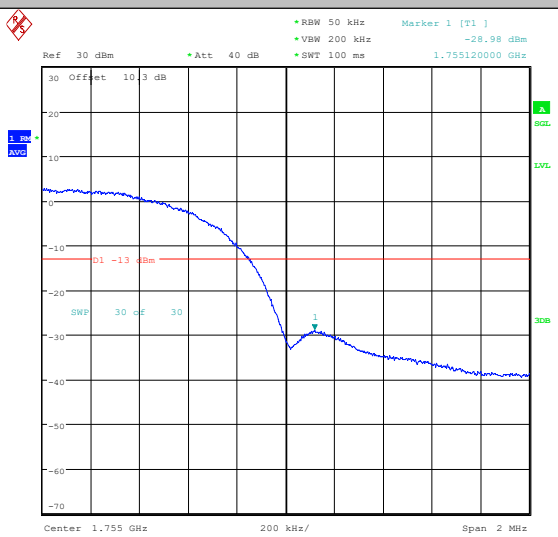
Date: 12.FEB.2025 02:40:27

Band4-1312-4-PASS



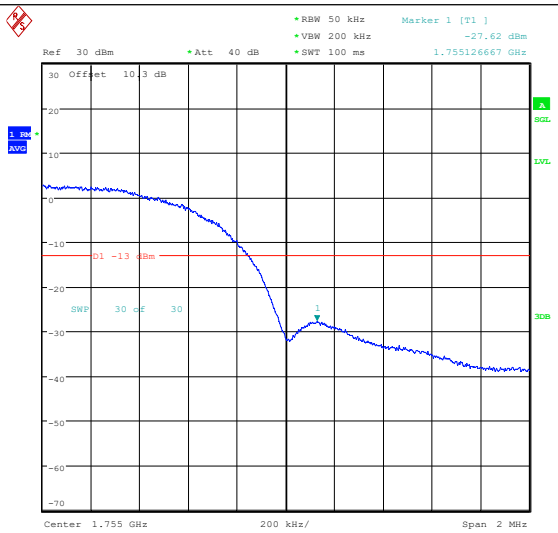
Date: 12.FEB.2025 02:38:11

Band4-1513-1-PASS



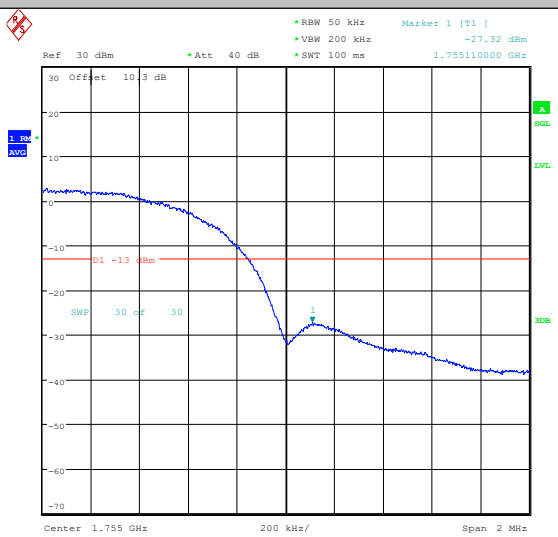
Date: 12.FEB.2025 02:39:02

Band4-1513-2-PASS



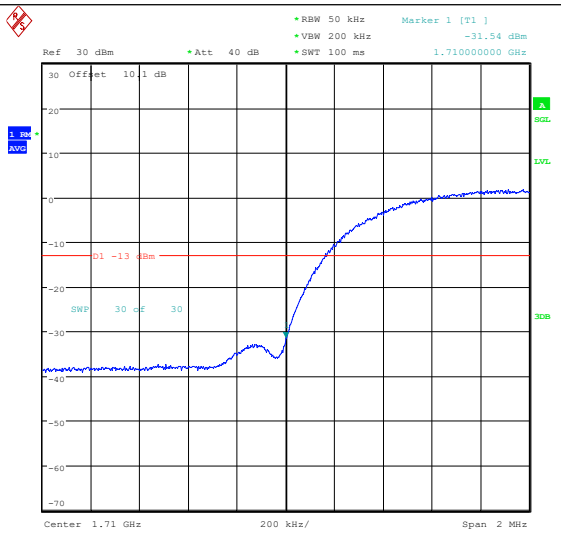
Date: 12.FEB.2025 02:39:53

Band4-1513-3-PASS



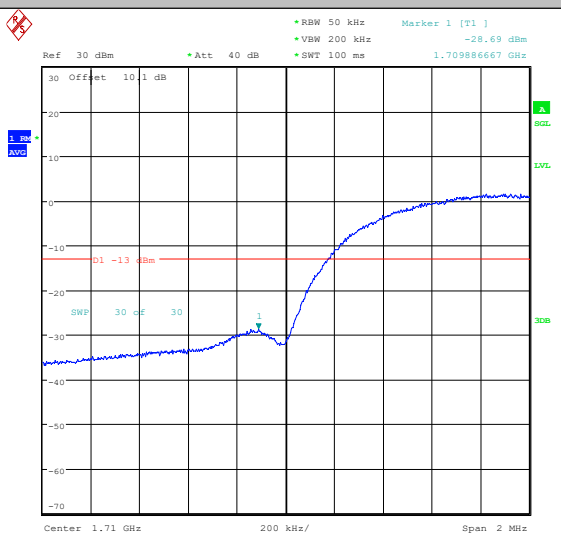
Date: 12.FEB.2025 02:40:44

Band4-1513-4-PASS



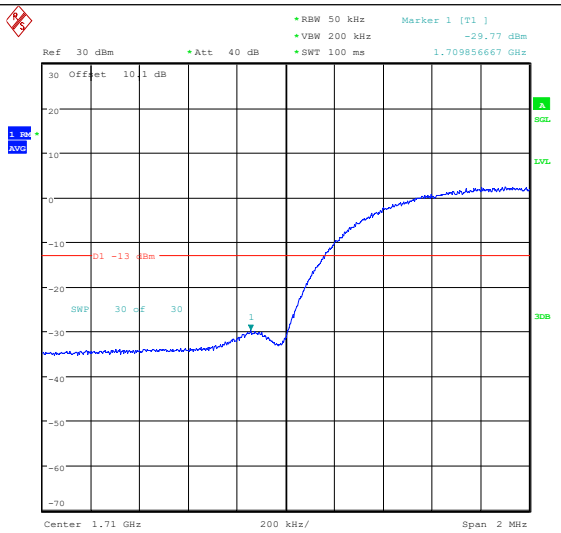
Date: 12.FEB.2025 04:13:25

Band4-1312-1-PASS



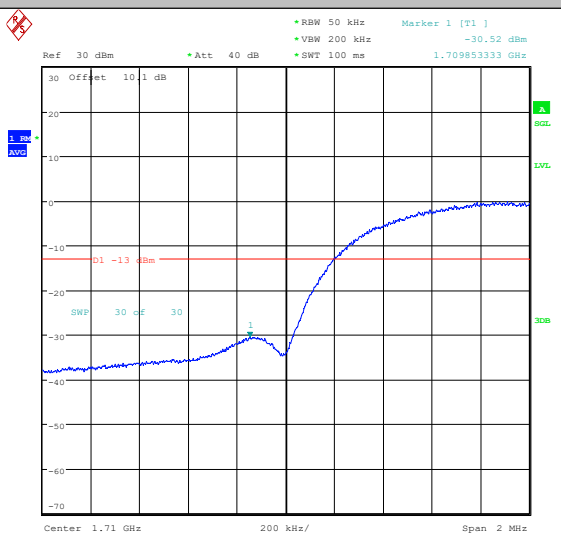
Date: 12.FEB.2025 04:15:08

Band4-1312-2-PASS



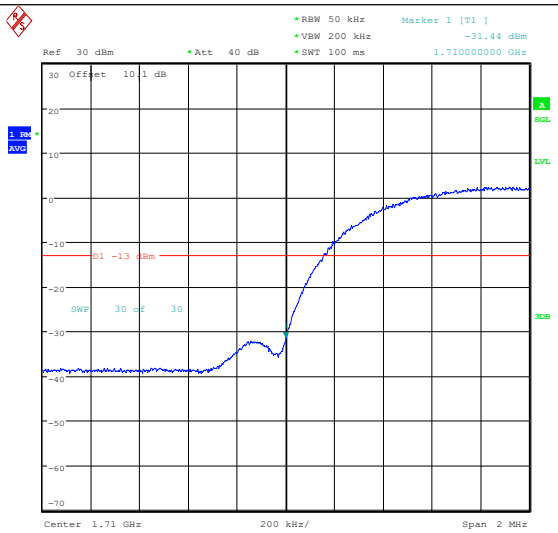
Date: 12.FEB.2025 04:16:55

Band4-1312-3-PASS



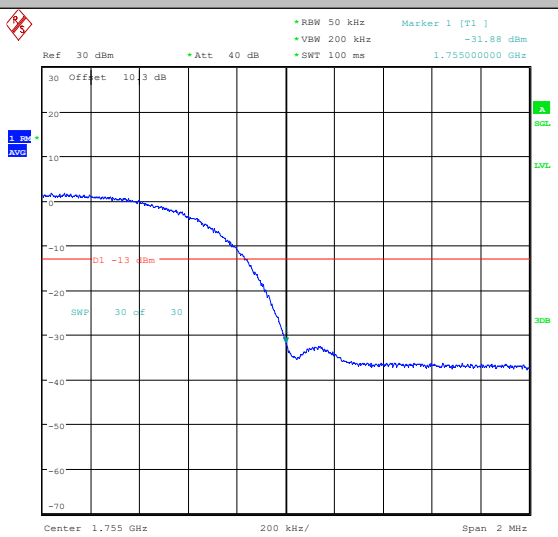
Date: 12.FEB.2025 04:18:41

Band4-1312-4-PASS



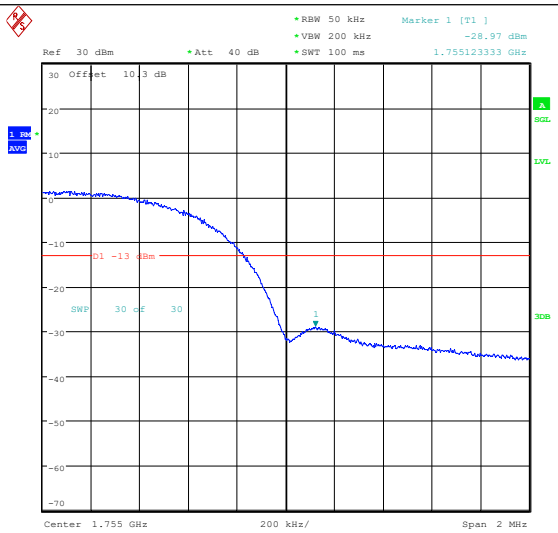
Date: 12.FEB.2025 04:20:25

Band4-1312-5-PASS



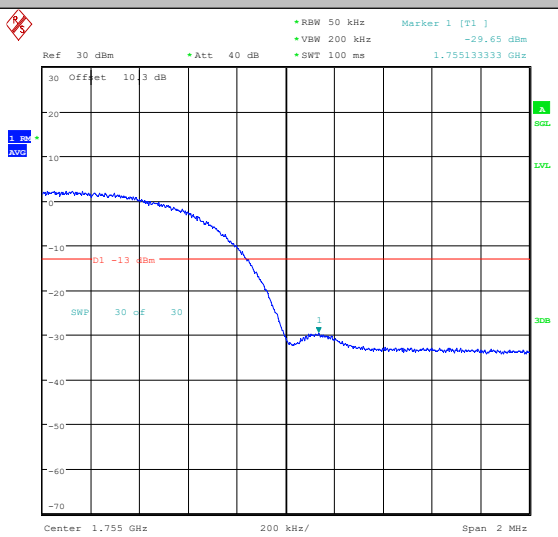
Date: 12.FEB.2025 04:14:29

Band4-1513-1-PASS



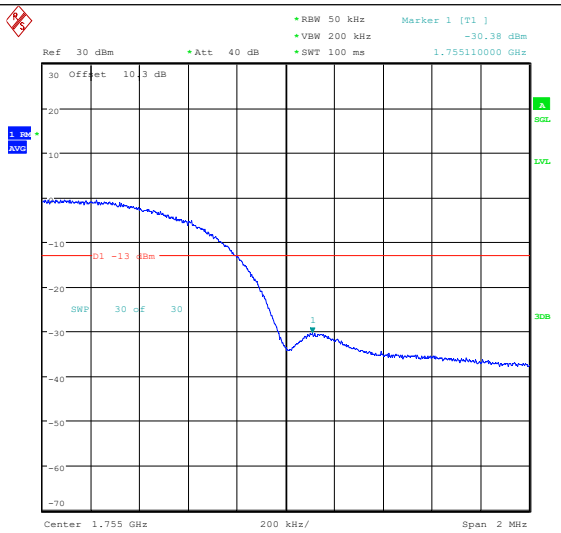
Date: 12.FEB.2025 04:16:11

Band4-1513-2-PASS



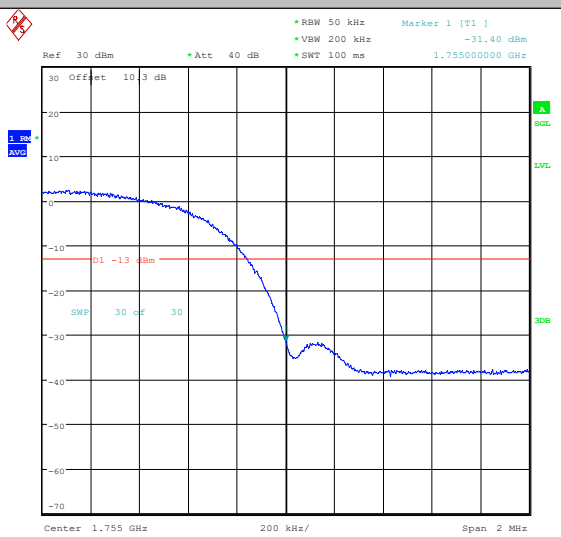
Date: 12.FEB.2025 04:17:59

Band4-1513-3-PASS



Date: 12.FEB.2025 04:19:45

Band4-1513-4-PASS



Date: 12.FEB.2025 04:20:50

Band4-1513-5-PASS

AppendixD:Conducted SpuriousEmission

Test Result

Band	Channel	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band4	1312	0.009~0.15MHz	0.01	-59.35	-43	PASS
Band4	1312	0.15~30MHz	0.15	-55.9	-33	PASS
Band4	1312	30~1000MHz	238.07	-51	-13	PASS
Band4	1312	1000~20000MHz	3185	-43.97	-13	PASS
Band4	1413	0.009~0.15MHz	0.01	-59.22	-43	PASS
Band4	1413	0.15~30MHz	0.15	-55.89	-33	PASS
Band4	1413	30~1000MHz	232.25	-50.99	-13	PASS
Band4	1413	1000~20000MHz	3185	-44.28	-13	PASS
Band4	1513	0.009~0.15MHz	0.01	-59.44	-43	PASS
Band4	1513	0.15~30MHz	0.15	-56.04	-33	PASS
Band4	1513	30~1000MHz	240.49	-51.04	-13	PASS
Band4	1513	1000~20000MHz	3185	-44.33	-13	PASS

Band	Channel	SubTest	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band4	1312	1	0.009~0.15MHz	0.01	-59.63	-43	PASS
Band4	1312	1	0.15~30MHz	0.15	-55.51	-33	PASS
Band4	1312	1	30~1000MHz	224.97	-51.02	-13	PASS
Band4	1312	1	1000~20000MHz	3194.5	-44.38	-13	PASS
Band4	1312	2	0.009~0.15MHz	0.01	-59.43	-43	PASS
Band4	1312	2	0.15~30MHz	0.15	-55.77	-33	PASS
Band4	1312	2	30~1000MHz	231.76	-51	-13	PASS
Band4	1312	2	1000~20000MHz	3194.5	-44.18	-13	PASS
Band4	1312	3	0.009~0.15MHz	0.04	-59.85	-43	PASS
Band4	1312	3	0.15~30MHz	0.15	-56.15	-33	PASS
Band4	1312	3	30~1000MHz	200.72	-51.03	-13	PASS
Band4	1312	3	1000~20000MHz	3194.5	-44.35	-13	PASS
Band4	1312	4	0.009~0.15MHz	0.04	-59.28	-43	PASS
Band4	1312	4	0.15~30MHz	0.15	-56.31	-33	PASS
Band4	1312	4	30~1000MHz	231.76	-51.07	-13	PASS
Band4	1312	4	1000~20000MHz	3194.5	-44.43	-13	PASS
Band4	1413	1	0.009~0.15MHz	0.01	-60.04	-43	PASS
Band4	1413	1	0.15~30MHz	0.15	-55.57	-33	PASS
Band4	1413	1	30~1000MHz	199.27	-51.01	-13	PASS
Band4	1413	1	1000~20000MHz	3194.5	-44.49	-13	PASS
Band4	1413	2	0.009~0.15MHz	0.04	-59.21	-43	PASS
Band4	1413	2	0.15~30MHz	0.15	-55.69	-33	PASS

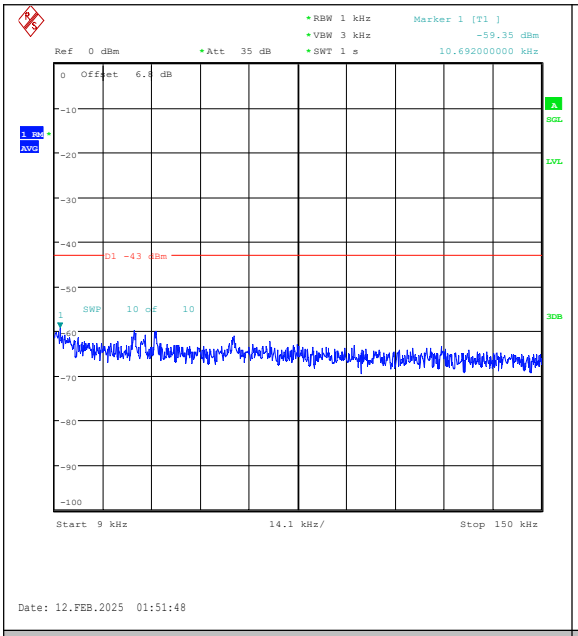
Band4	1413	2	30~1000MHz	236.13	-51.04	-13	PASS
Band4	1413	2	1000~20000MHz	3194.5	-44.18	-13	PASS
Band4	1413	3	0.009~0.15MHz	0.01	-59.36	-43	PASS
Band4	1413	3	0.15~30MHz	0.15	-55.96	-33	PASS
Band4	1413	3	30~1000MHz	238.55	-51	-13	PASS
Band4	1413	3	1000~20000MHz	3194.5	-44.1	-13	PASS
Band4	1413	4	0.009~0.15MHz	0.01	-59.47	-43	PASS
Band4	1413	4	0.15~30MHz	0.15	-56.11	-33	PASS
Band4	1413	4	30~1000MHz	234.67	-51.04	-13	PASS
Band4	1413	4	1000~20000MHz	3194.5	-44.31	-13	PASS
Band4	1513	1	0.009~0.15MHz	0.03	-59.39	-43	PASS
Band4	1513	1	0.15~30MHz	0.15	-55.89	-33	PASS
Band4	1513	1	30~1000MHz	199.27	-51	-13	PASS
Band4	1513	1	1000~20000MHz	3194.5	-44.14	-13	PASS
Band4	1513	2	0.009~0.15MHz	0.01	-58.65	-43	PASS
Band4	1513	2	0.15~30MHz	0.15	-55.63	-33	PASS
Band4	1513	2	30~1000MHz	231.76	-50.99	-13	PASS
Band4	1513	2	1000~20000MHz	3194.5	-44.35	-13	PASS
Band4	1513	3	0.009~0.15MHz	0.03	-59.26	-43	PASS
Band4	1513	3	0.15~30MHz	0.15	-56.07	-33	PASS
Band4	1513	3	30~1000MHz	230.79	-51.05	-13	PASS
Band4	1513	3	1000~20000MHz	3194.5	-44.3	-13	PASS
Band4	1513	4	0.009~0.15MHz	0.04	-59.22	-43	PASS
Band4	1513	4	0.15~30MHz	0.18	-56.05	-33	PASS
Band4	1513	4	30~1000MHz	200.24	-51.04	-13	PASS
Band4	1513	4	1000~20000MHz	3194.5	-44.39	-13	PASS

Band	Channel	SubTest	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band4	1312	1	0.009~0.15MHz	0.03	-59.43	-43	PASS
Band4	1312	1	0.15~30MHz	0.18	-55.8	-33	PASS
Band4	1312	1	30~1000MHz	227.4	-51.04	-13	PASS
Band4	1312	1	1000~20000MHz	3194.5	-44.88	-13	PASS
Band4	1312	2	0.009~0.15MHz	0.01	-59.9	-43	PASS
Band4	1312	2	0.15~30MHz	0.18	-56.07	-33	PASS
Band4	1312	2	30~1000MHz	201.69	-51.06	-13	PASS
Band4	1312	2	1000~20000MHz	19154.5	-44.97	-13	PASS
Band4	1312	3	0.009~0.15MHz	0.01	-59.23	-43	PASS
Band4	1312	3	0.15~30MHz	0.15	-56.2	-33	PASS
Band4	1312	3	30~1000MHz	222.06	-51.05	-13	PASS
Band4	1312	3	1000~20000MHz	19183	-44.99	-13	PASS
Band4	1312	4	0.009~0.15MHz	0.01	-58.46	-43	PASS

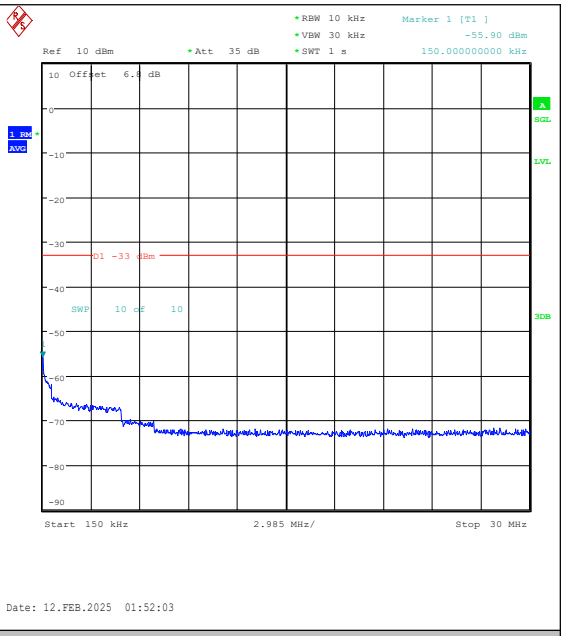
Band4	1312	4	0.15~30MHz	0.15	-55.8	-33	PASS
Band4	1312	4	30~1000MHz	201.21	-51.04	-13	PASS
Band4	1312	4	1000~20000MHz	19135.5	-44.98	-13	PASS
Band4	1312	5	0.009~0.15MHz	0.01	-59.53	-43	PASS
Band4	1312	5	0.15~30MHz	0.15	-55.51	-33	PASS
Band4	1312	5	30~1000MHz	235.64	-51.07	-13	PASS
Band4	1312	5	1000~20000MHz	19145	-44.97	-13	PASS
Band4	1413	1	0.009~0.15MHz	0.03	-59.58	-43	PASS
Band4	1413	1	0.15~30MHz	0.15	-55.93	-33	PASS
Band4	1413	1	30~1000MHz	200.24	-51.04	-13	PASS
Band4	1413	1	1000~20000MHz	19164	-45.02	-13	PASS
Band4	1413	2	0.009~0.15MHz	0.04	-58.66	-43	PASS
Band4	1413	2	0.15~30MHz	0.15	-55.93	-33	PASS
Band4	1413	2	30~1000MHz	242.92	-51.07	-13	PASS
Band4	1413	2	1000~20000MHz	19154.5	-44.99	-13	PASS
Band4	1413	3	0.009~0.15MHz	0.01	-59.28	-43	PASS
Band4	1413	3	0.15~30MHz	0.15	-55.65	-33	PASS
Band4	1413	3	30~1000MHz	231.76	-51.04	-13	PASS
Band4	1413	3	1000~20000MHz	19173.5	-44.95	-13	PASS
Band4	1413	4	0.009~0.15MHz	0.01	-59.2	-43	PASS
Band4	1413	4	0.15~30MHz	0.15	-56.42	-33	PASS
Band4	1413	4	30~1000MHz	240.49	-51.06	-13	PASS
Band4	1413	4	1000~20000MHz	19173.5	-44.96	-13	PASS
Band4	1413	5	0.009~0.15MHz	0.04	-58.93	-43	PASS
Band4	1413	5	0.15~30MHz	0.18	-56.36	-33	PASS
Band4	1413	5	30~1000MHz	246.8	-51.05	-13	PASS
Band4	1413	5	1000~20000MHz	19164	-44.95	-13	PASS
Band4	1513	1	0.009~0.15MHz	0.01	-59.91	-43	PASS
Band4	1513	1	0.15~30MHz	0.15	-56.19	-33	PASS
Band4	1513	1	30~1000MHz	197.33	-51.04	-13	PASS
Band4	1513	1	1000~20000MHz	19173.5	-44.98	-13	PASS
Band4	1513	2	0.009~0.15MHz	0.04	-59.01	-43	PASS
Band4	1513	2	0.15~30MHz	0.15	-55.44	-33	PASS
Band4	1513	2	30~1000MHz	233.7	-51.07	-13	PASS
Band4	1513	2	1000~20000MHz	19164	-44.94	-13	PASS
Band4	1513	3	0.009~0.15MHz	0.04	-58.92	-43	PASS
Band4	1513	3	0.15~30MHz	0.15	-56.57	-33	PASS
Band4	1513	3	30~1000MHz	225.46	-51.08	-13	PASS
Band4	1513	3	1000~20000MHz	19154.5	-44.96	-13	PASS
Band4	1513	4	0.009~0.15MHz	0.01	-57.45	-43	PASS
Band4	1513	4	0.15~30MHz	0.15	-56.02	-33	PASS
Band4	1513	4	30~1000MHz	237.1	-51.04	-13	PASS
Band4	1513	4	1000~20000MHz	19173.5	-44.95	-13	PASS

Band4	1513	5	0.009~0.15MHz	0.01	-59.33	-43	PASS
Band4	1513	5	0.15~30MHz	0.15	-56.07	-33	PASS
Band4	1513	5	30~1000MHz	240.98	-51.03	-13	PASS
Band4	1513	5	1000~20000MHz	3194.5	-44.72	-13	PASS

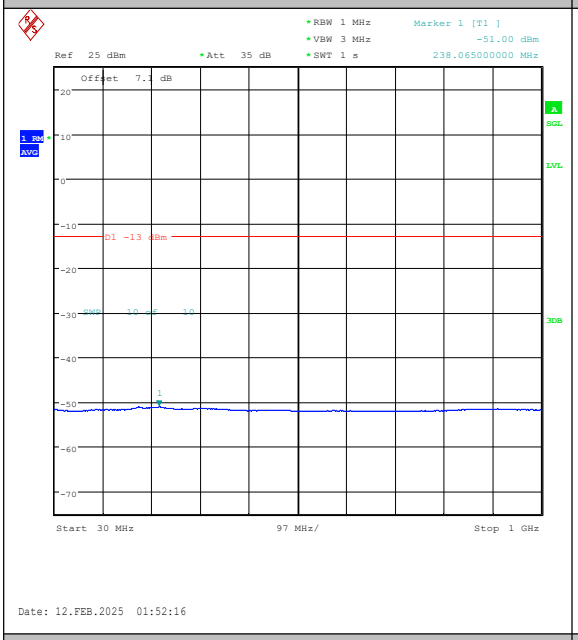
Test Graphs



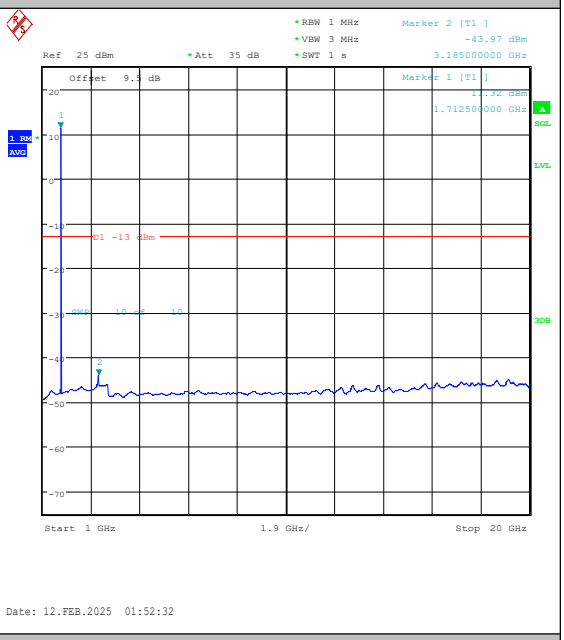
Band4-1312-0.009~0.15MHz-PASS



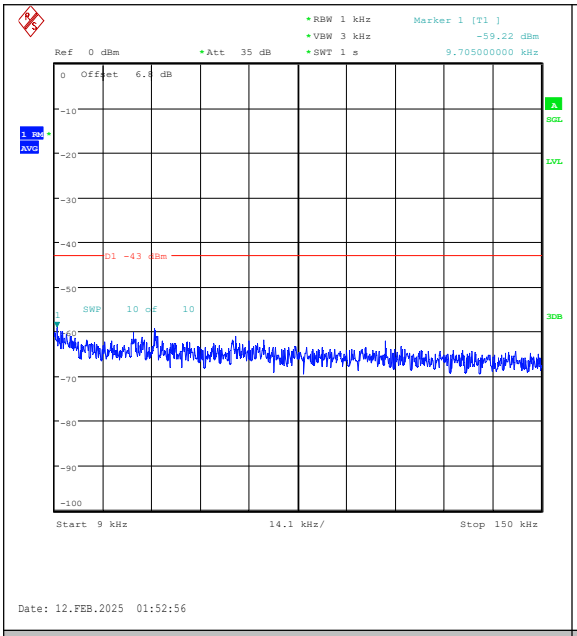
Band4-1312-0.15~30MHz-PASS



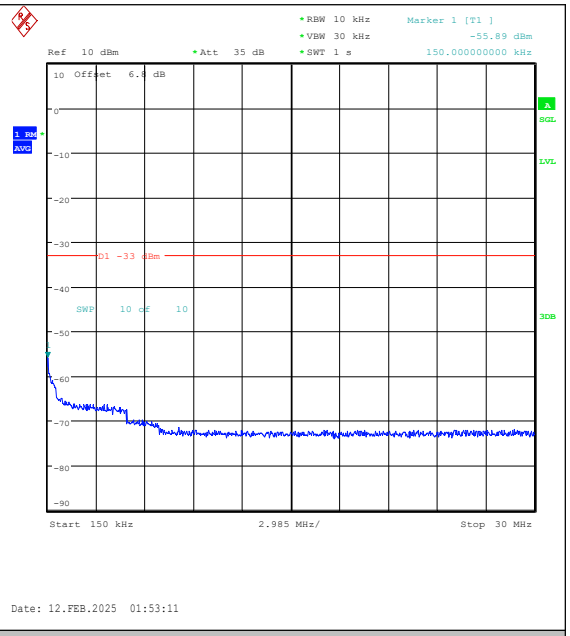
Band4-1312-30~1000MHz-PASS



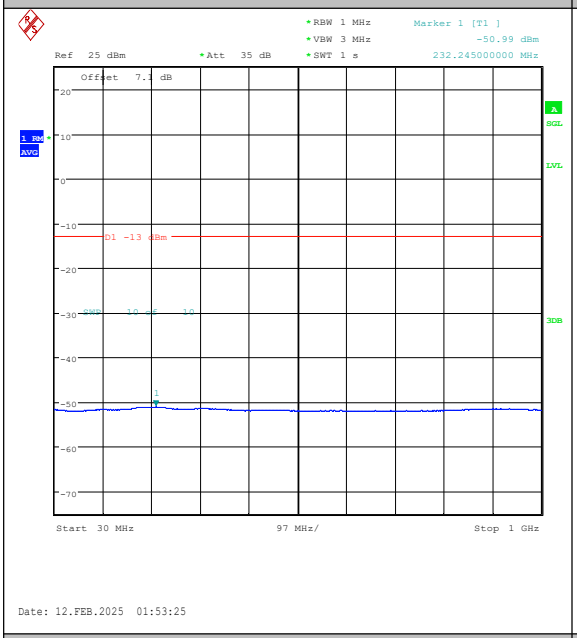
Band4-1312-1000~20000MHz-PASS



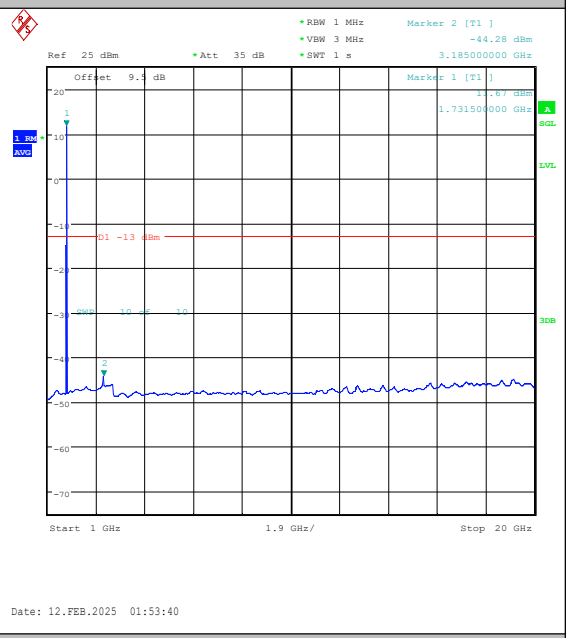
Band4-1413-0.009~0.15MHz-PASS



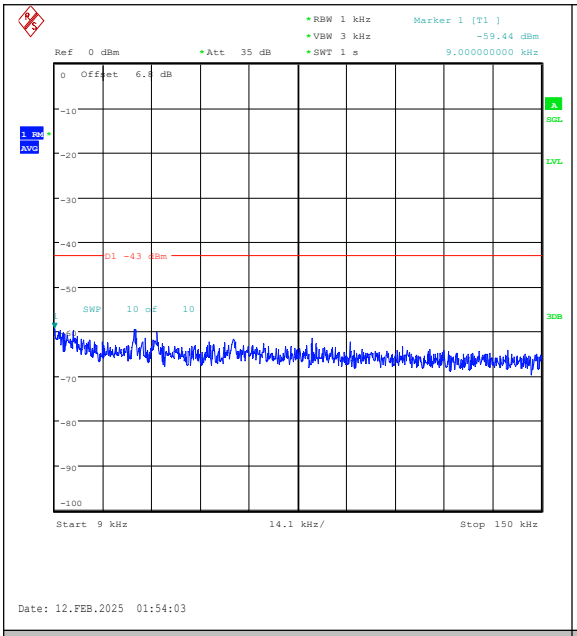
Band4-1413-0.15~30MHz-PASS



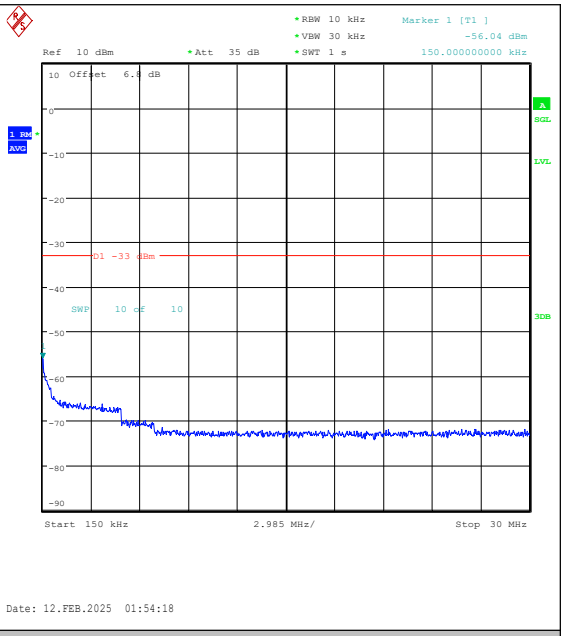
Band4-1413-30~1000MHz-PASS



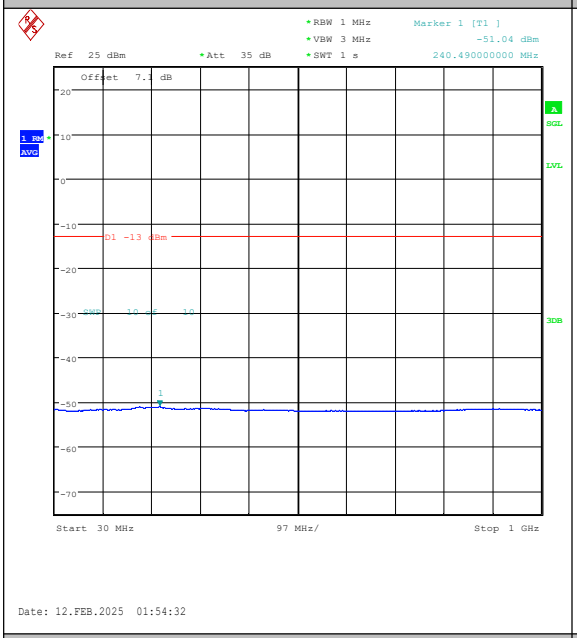
Band4-1413-1000~20000MHz-PASS



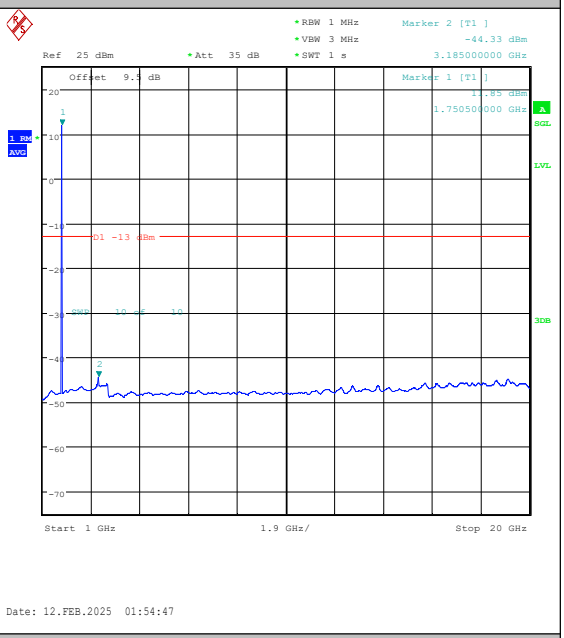
Band4-1513-0.009~0.15MHz-PASS



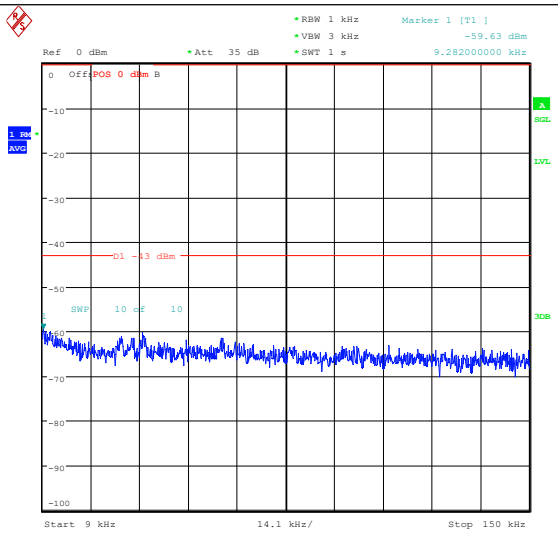
Band4-1513-0.15~30MHz-PASS



Band4-1513-30~1000MHz-PASS

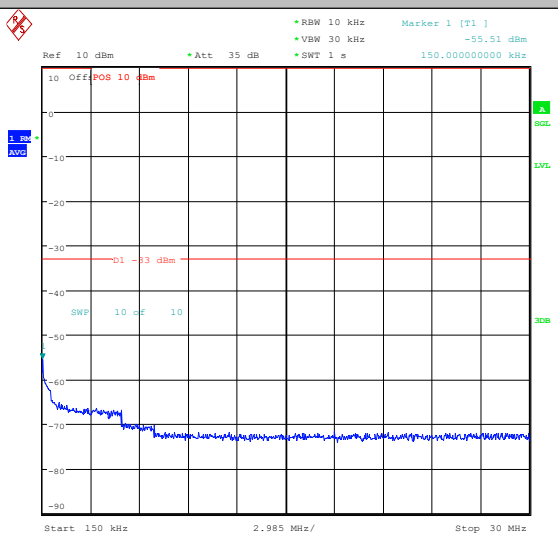


Band4-1513-1000~20000MHz-PASS



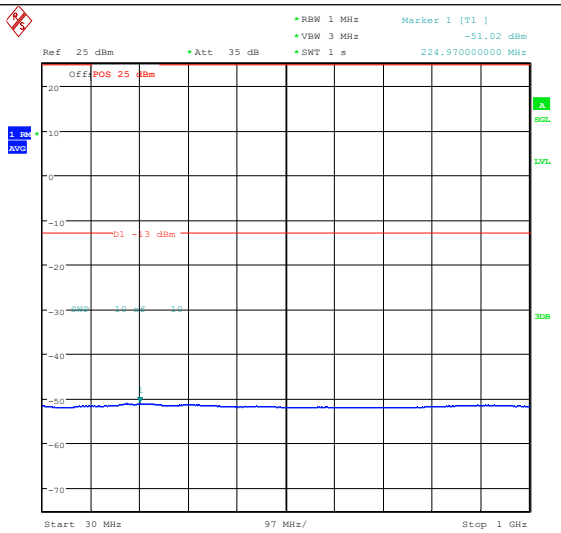
Date: 12.FEB.2025 02:41:30

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



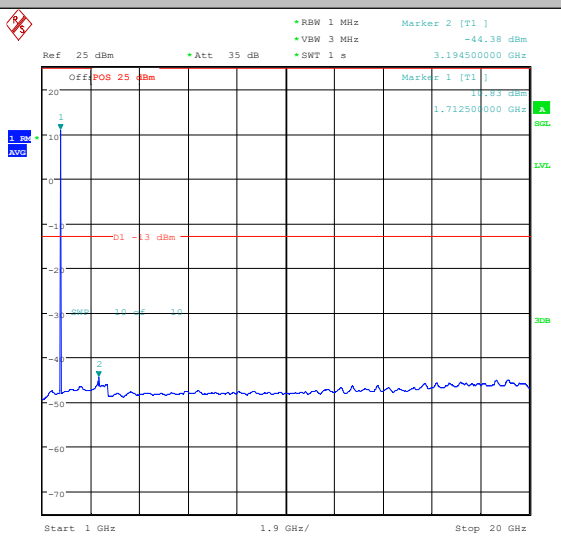
Date: 12.FEB.2025 02:41:48

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



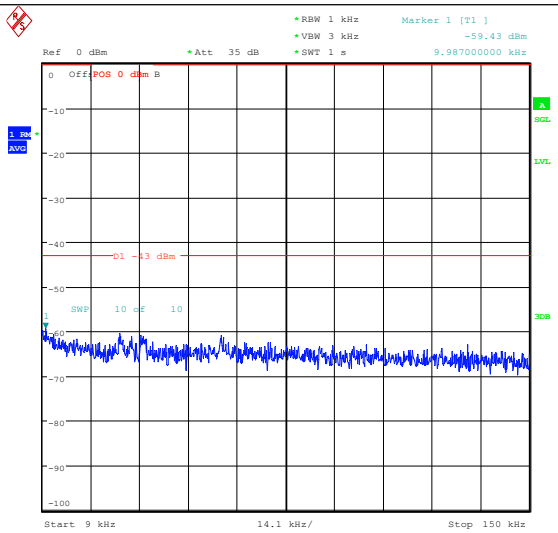
Date: 12.FEB.2025 02:42:05

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

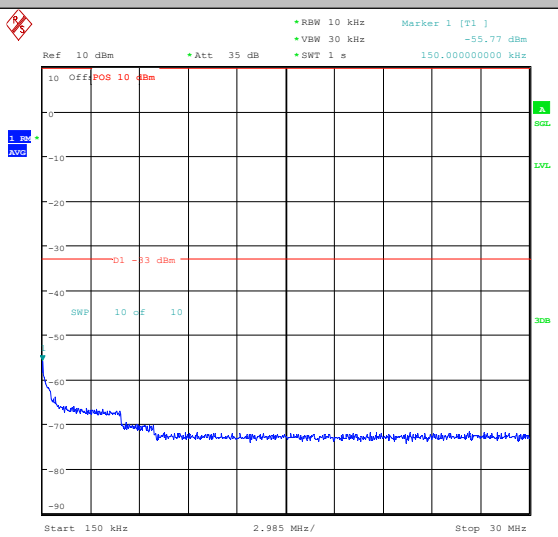


Date: 12.FEB.2025 02:42:22

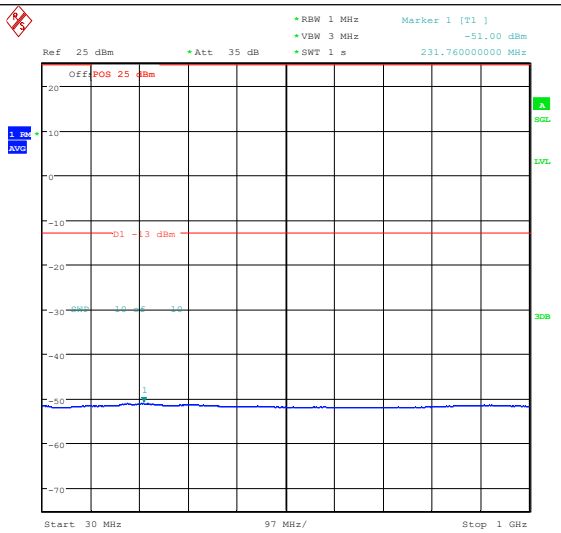
Band4-1312-1-1000~20000MHz-PASS



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

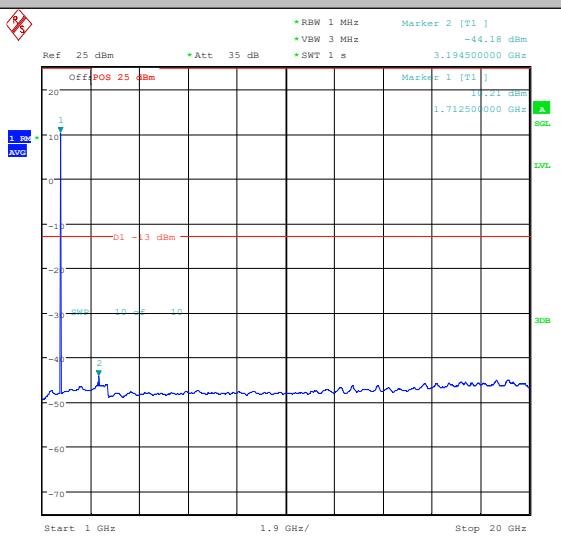


Band4-1312-2-0.15~30MHz-PASS



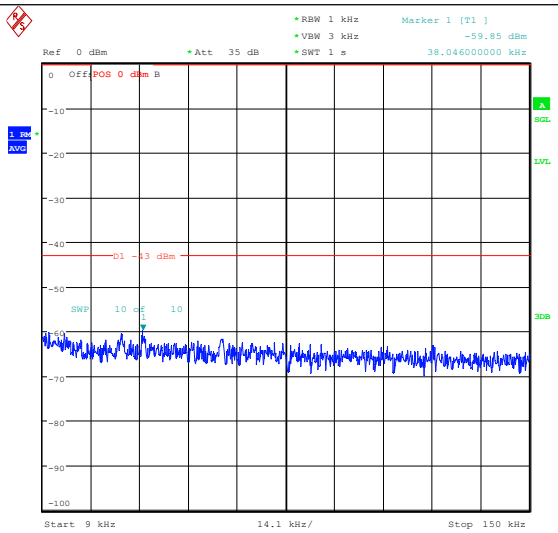
Date: 12.FEB.2025 02:46:07

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



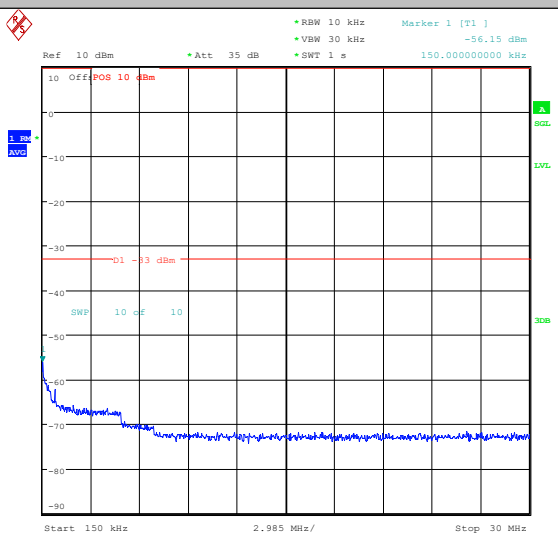
Date: 12.FEB.2025 02:46:23

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



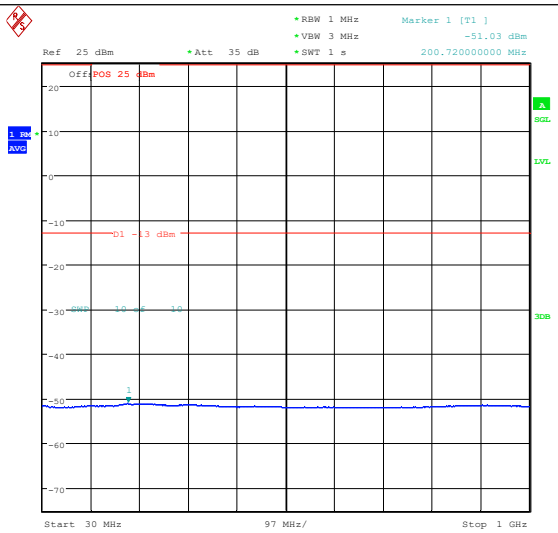
Date: 12.FEB.2025 02:49:34

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



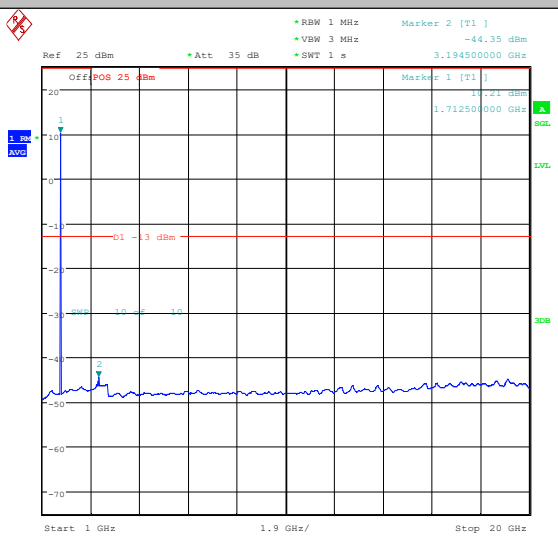
Date: 12.FEB.2025 02:49:51

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



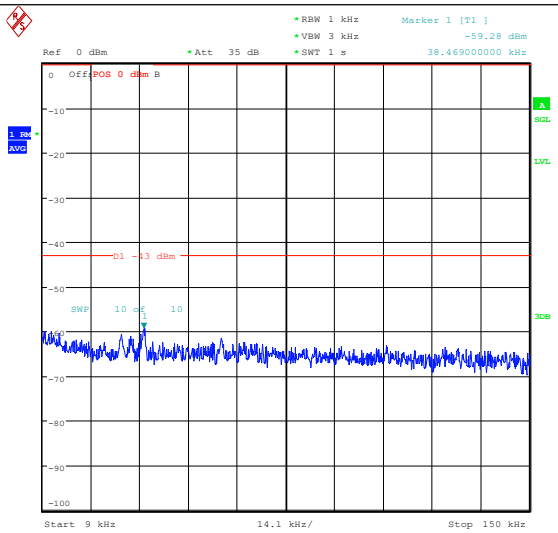
Date: 12.FEB.2025 02:50:07

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

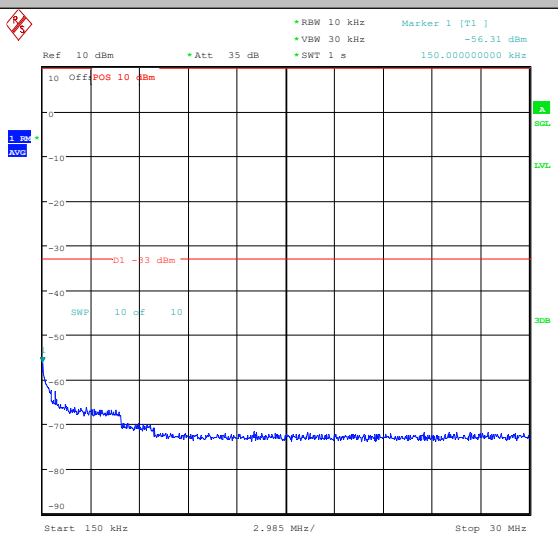


Date: 12.FEB.2025 02:50:24

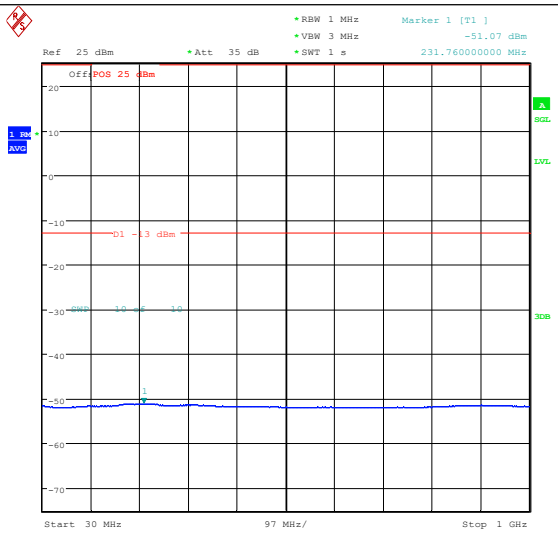
Band4-1312-3-1000~20000MHz-PASS



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

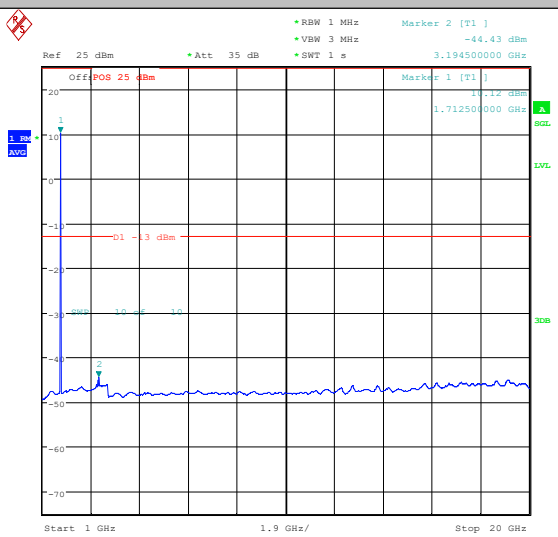


Band4-1312-4-0.15~30MHz-PASS



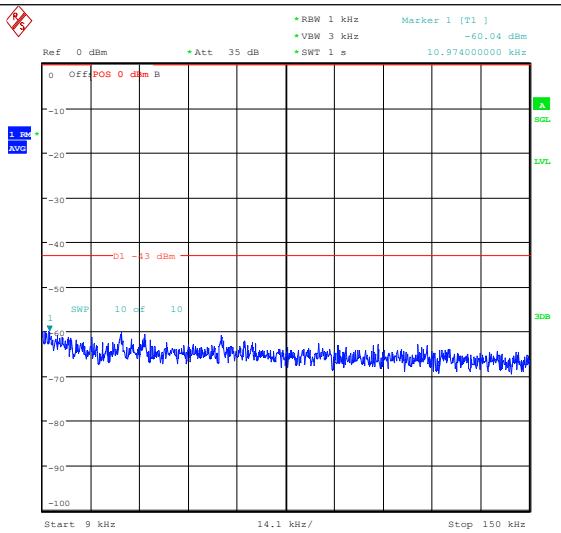
Date: 12.FEB.2025 02:54:08

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

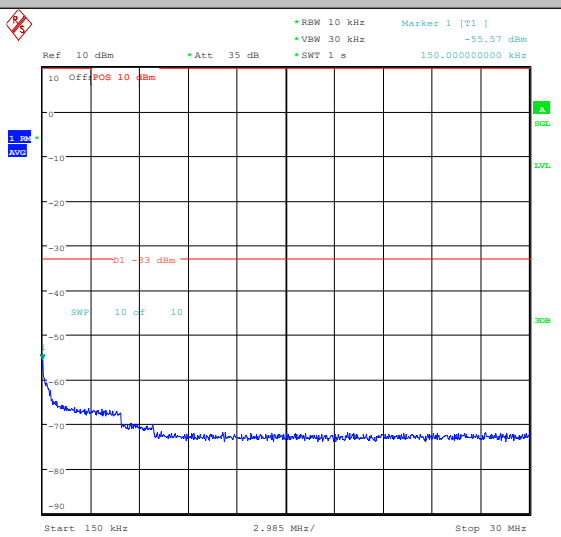


Date: 12.FEB.2025 02:54:24

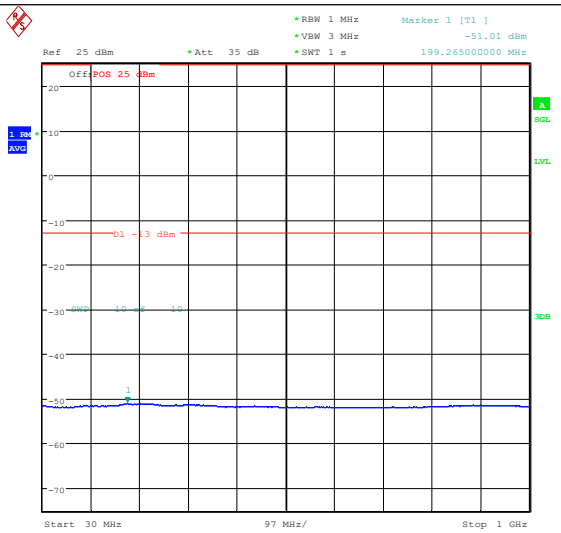
Band4-1312-4-1000~20000MHz-PASS



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

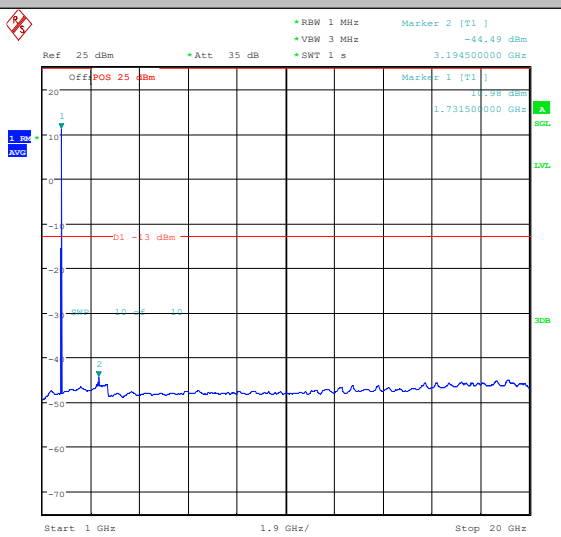


Band4-1413-1-0.15~30MHz-PASS



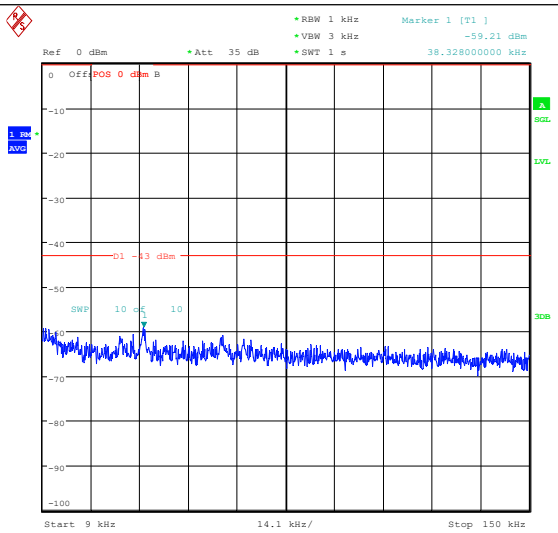
Date: 12.FEB.2025 02:43:21

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



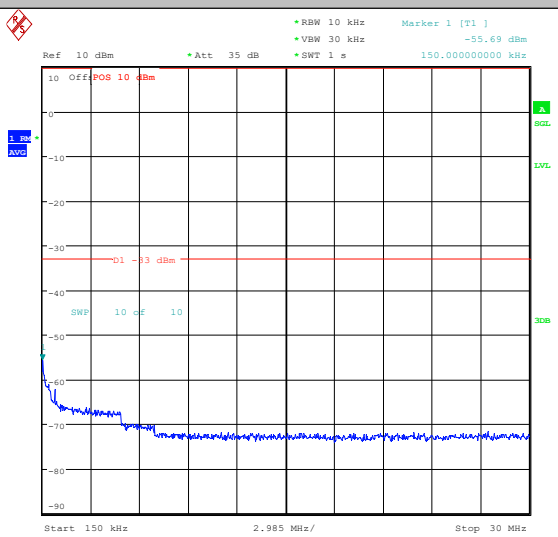
Date: 12.FEB.2025 02:43:38

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



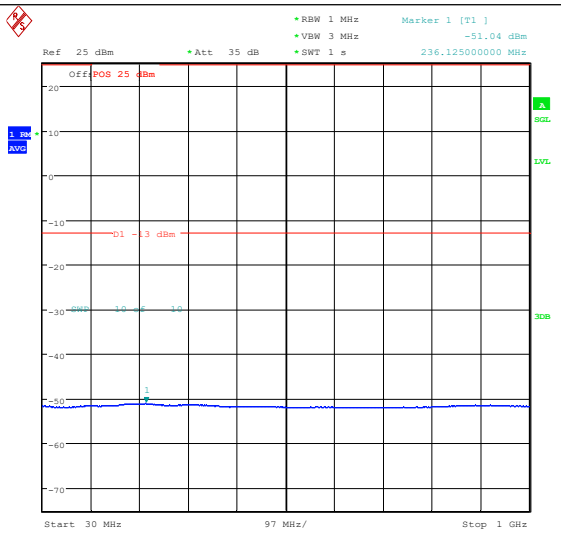
Date: 12.FEB.2025 02:46:50

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



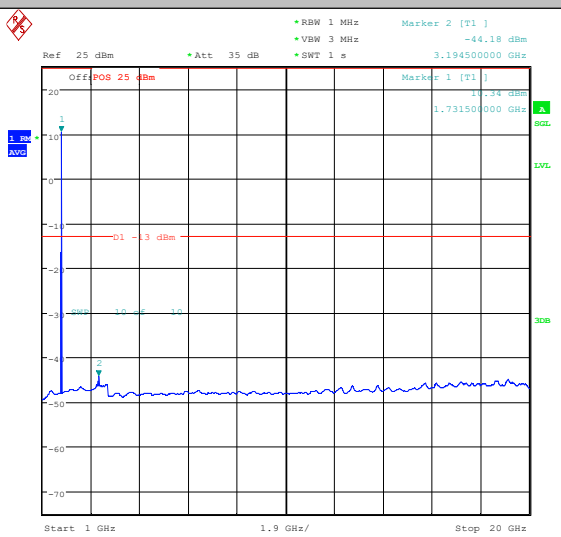
Date: 12.FEB.2025 02:47:06

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



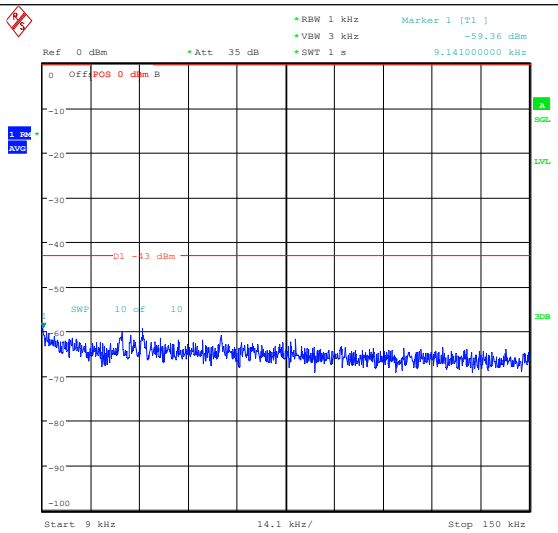
Date: 12.FEB.2025 02:47:23

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

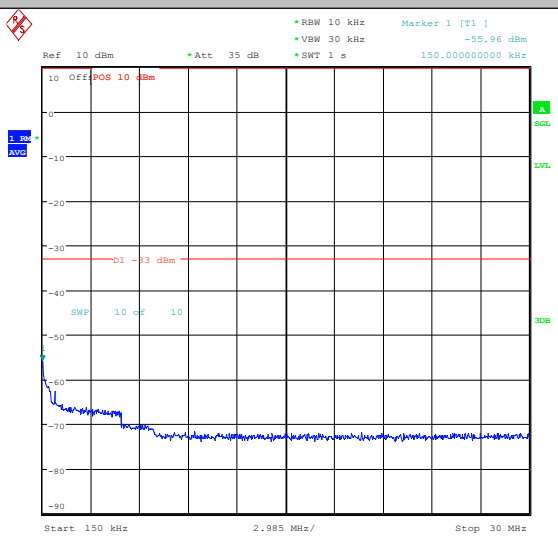


Date: 12.FEB.2025 02:47:39

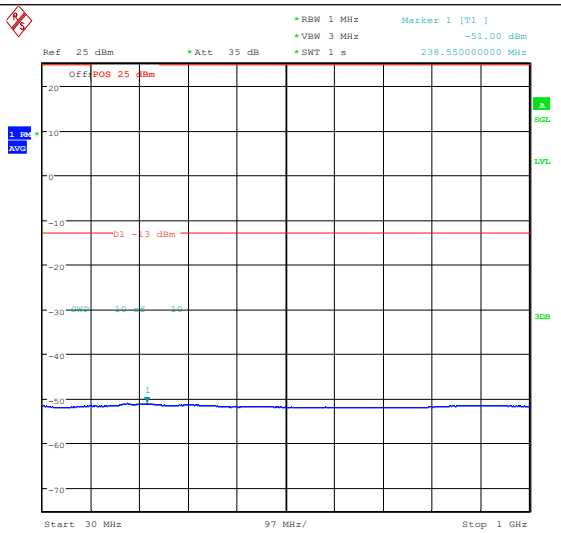
Band4-1413-2-1000~20000MHz-PASS



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

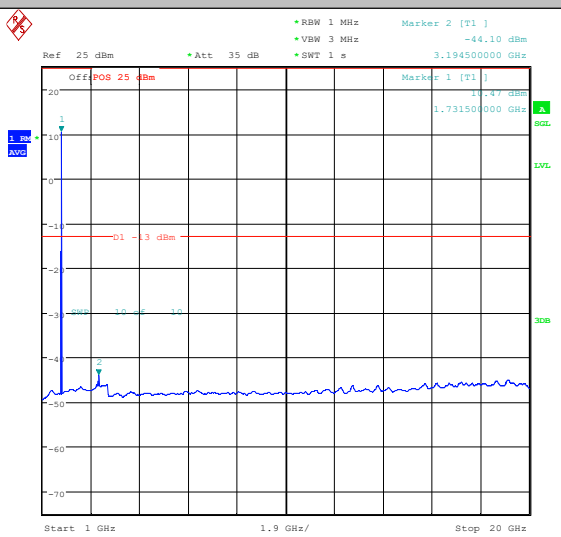


Band4-1413-3-0.15~30MHz-PASS



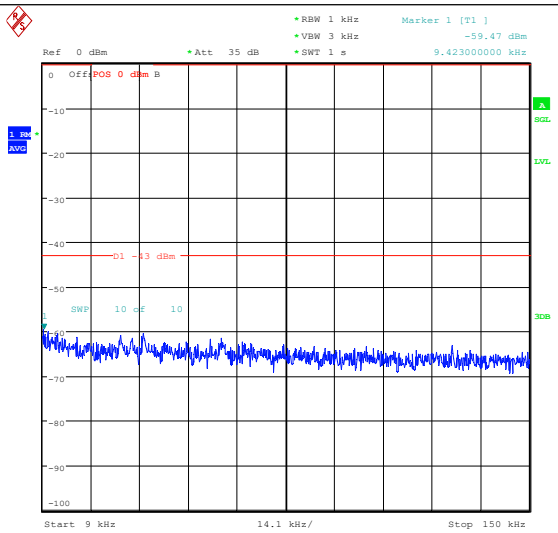
Date: 12.FEB.2025 02:51:23

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



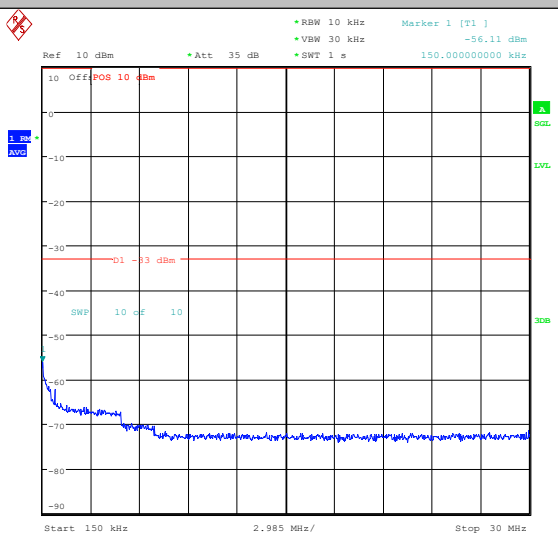
Date: 12.FEB.2025 02:51:40

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



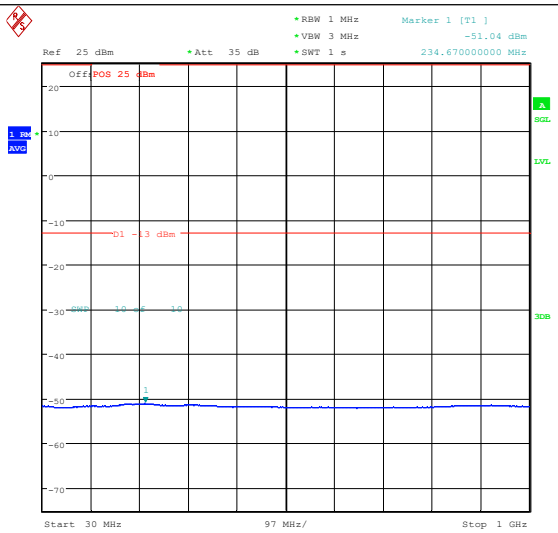
Date: 12.FEB.2025 02:54:51

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



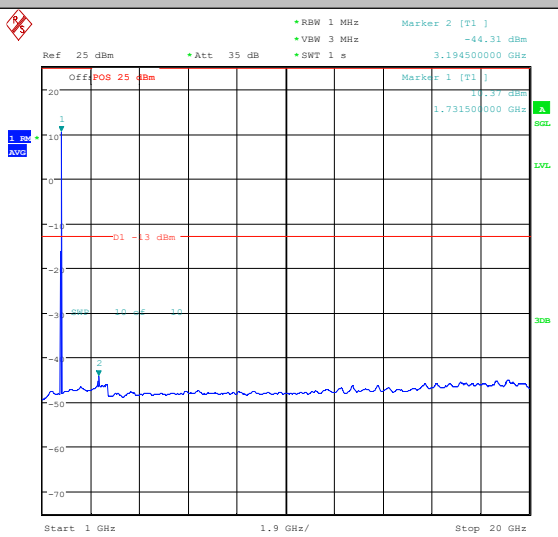
Date: 12.FEB.2025 02:55:07

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



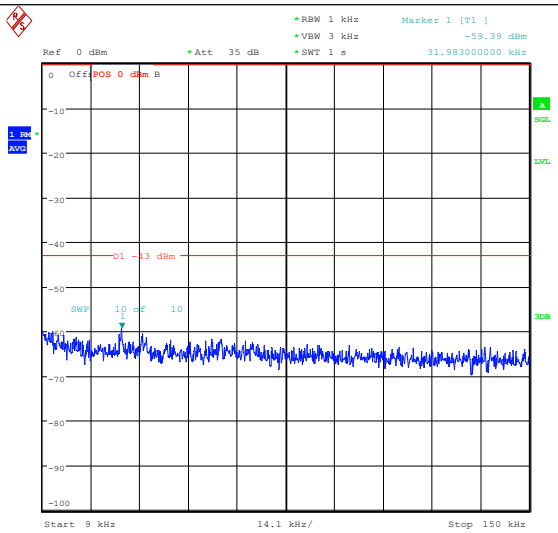
Date: 12.FEB.2025 02:55:24

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



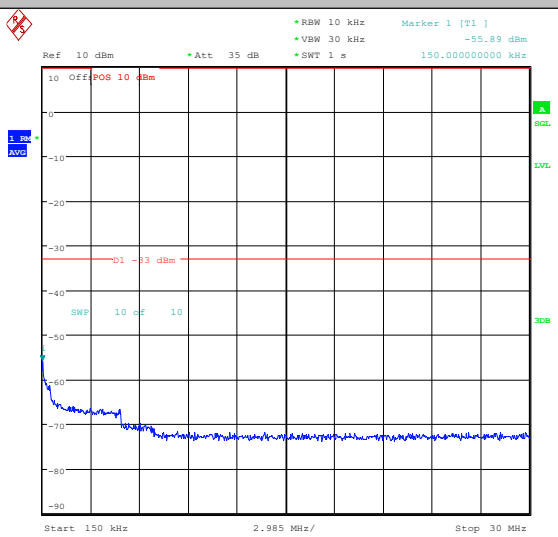
Date: 12.FEB.2025 02:55:41

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



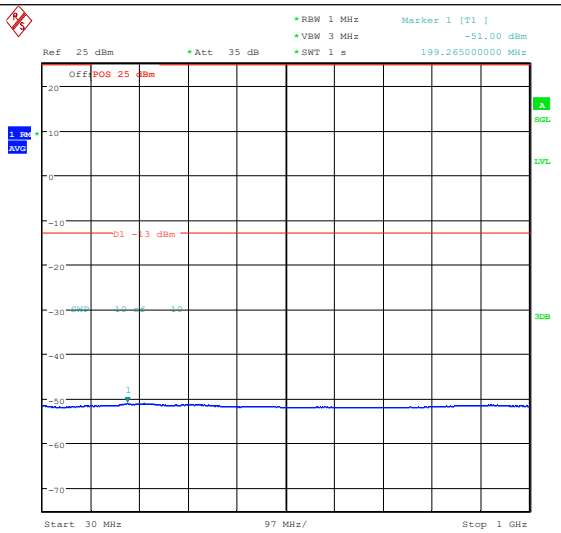
Date: 12.FEB.2025 02:44:03

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



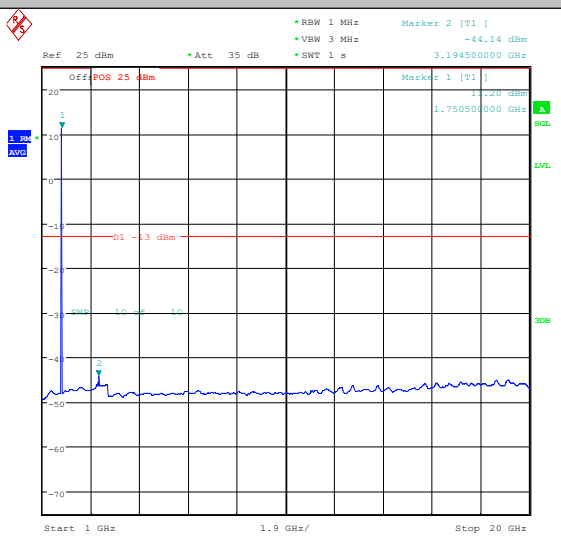
Date: 12.FEB.2025 02:44:19

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



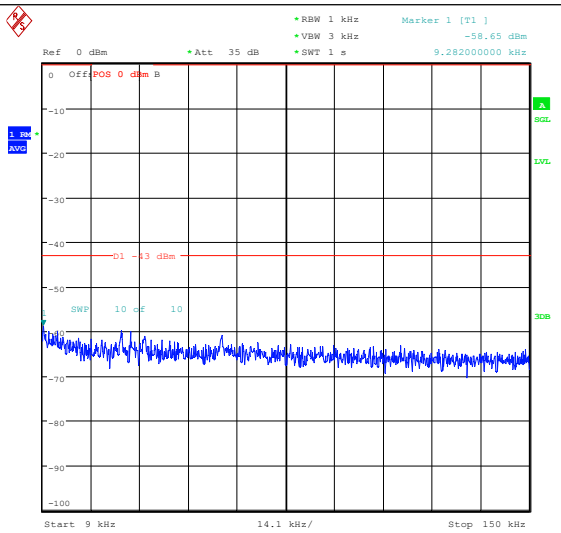
Date: 12.FEB.2025 02:44:36

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

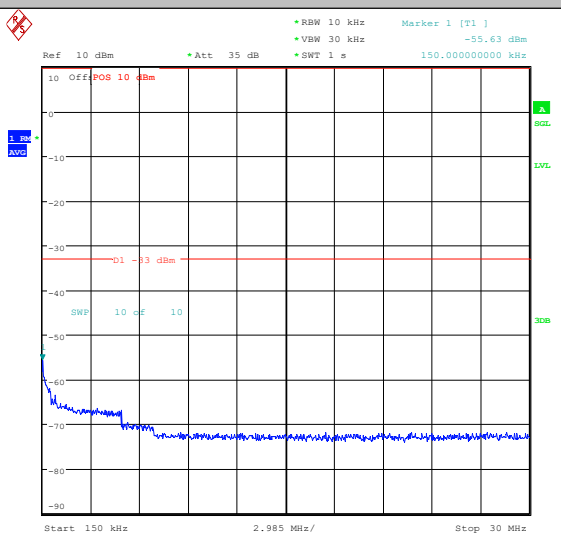


Date: 12.FEB.2025 02:44:52

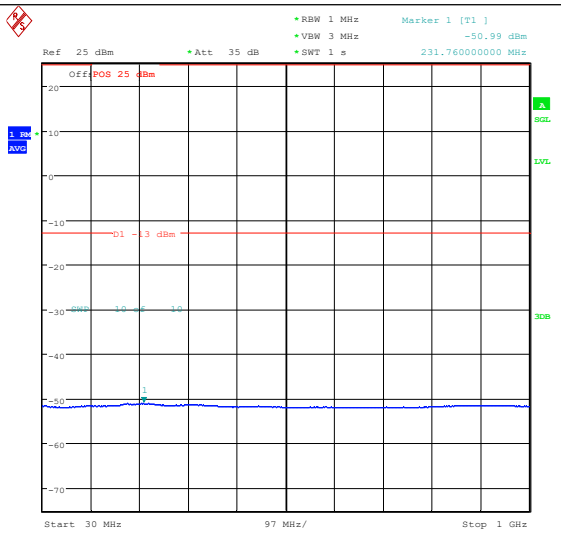
Band4-1513-1-1000~20000MHz-PASS



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

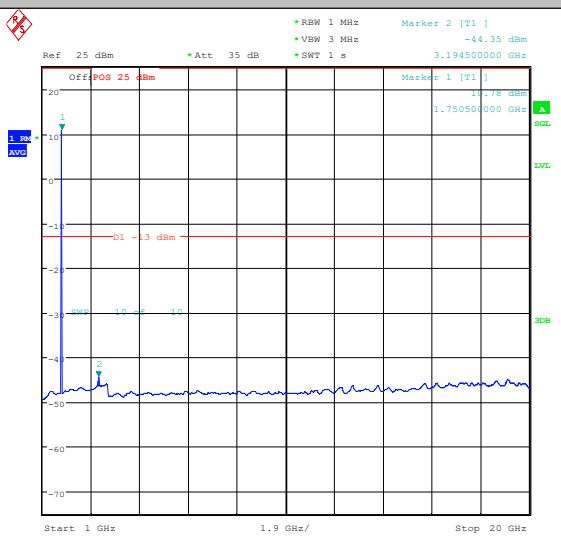


Band4-1513-2-0.15~30MHz-PASS



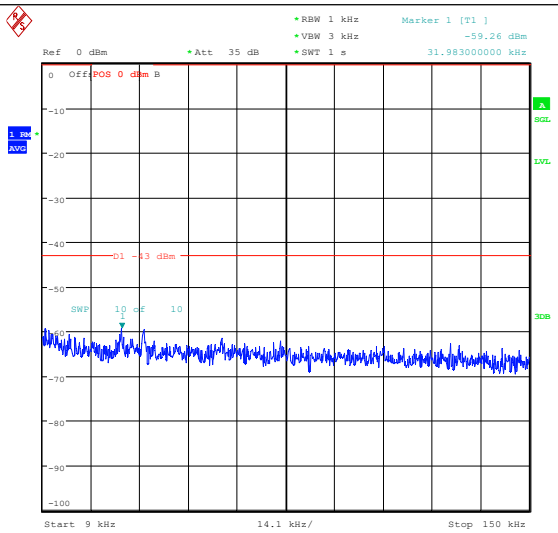
Date: 12.FEB.2025 02:48:37

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

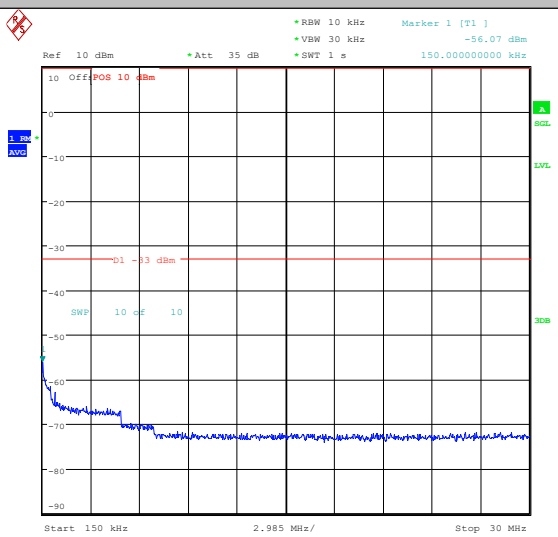


Date: 12.FEB.2025 02:48:54

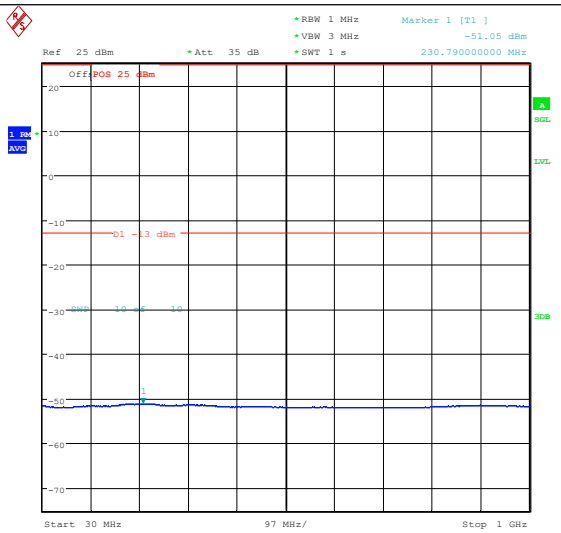
Band4-1513-2-1000~20000MHz-PASS



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

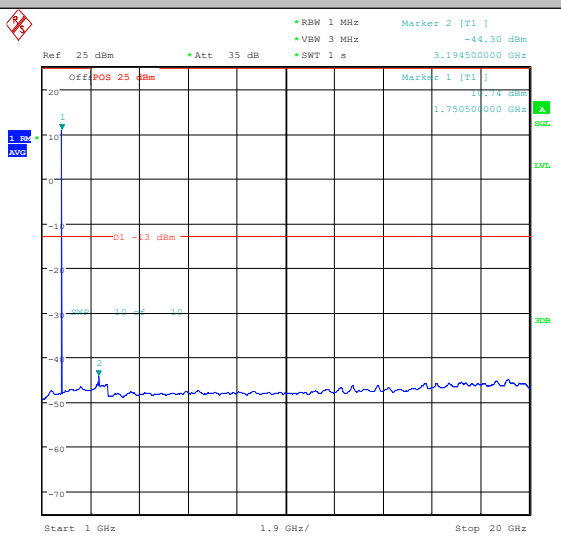


Band4-1513-3-0.15~30MHz-PASS



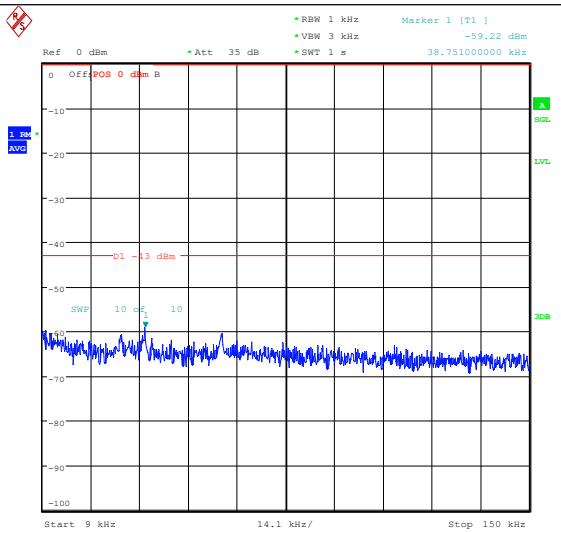
Date: 12.FEB.2025 02:52:38

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

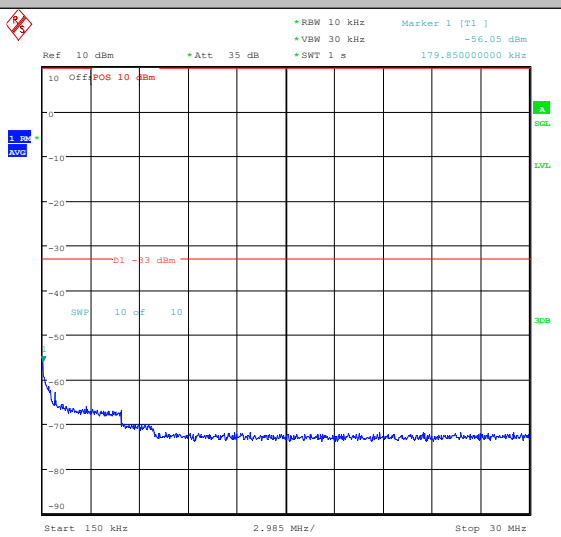


Date: 12.FEB.2025 02:52:55

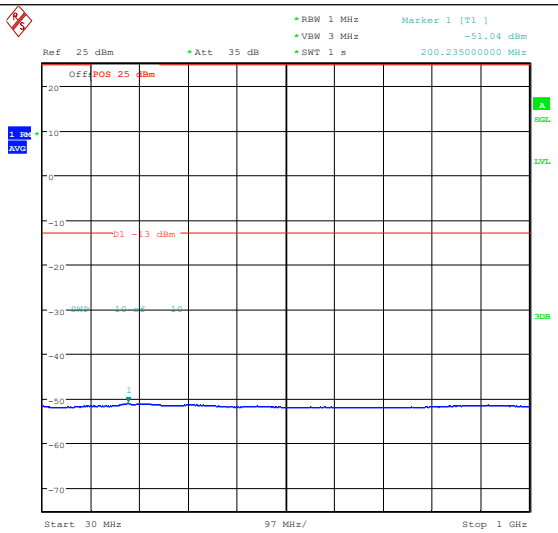
Band4-1513-3-1000~20000MHz-PASS



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

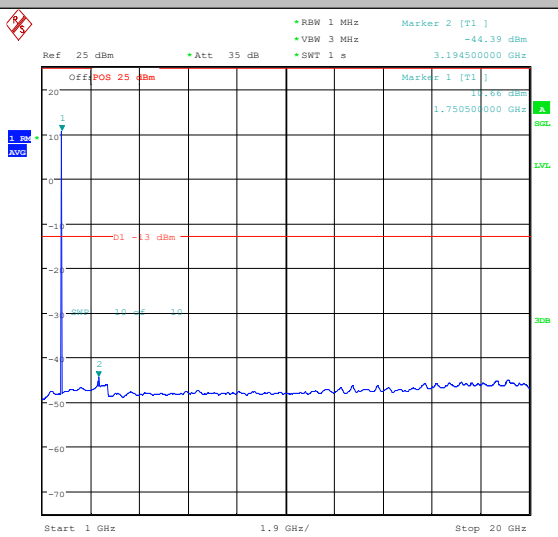


Band4-1513-4-0.15~30MHz-PASS



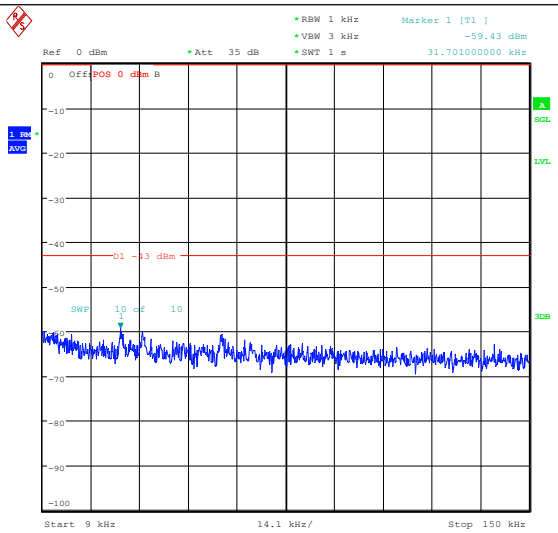
Date: 12.FEB.2025 02:56:39

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



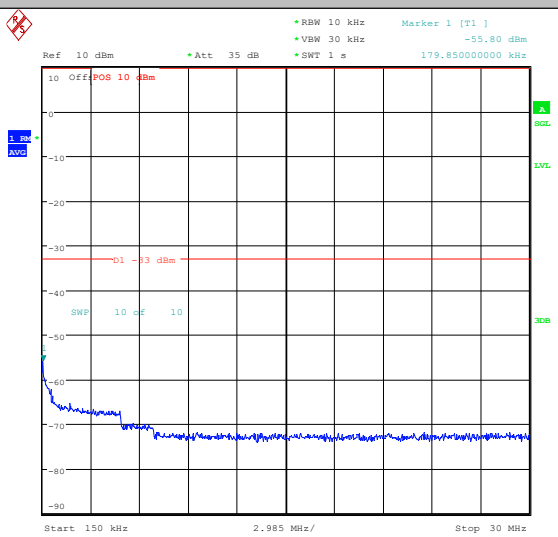
Date: 12.FEB.2025 02:56:56

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



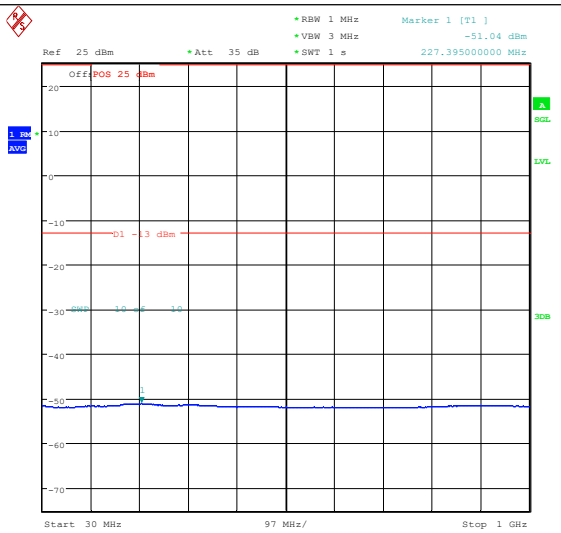
Date: 12.FEB.2025 04:22:04

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



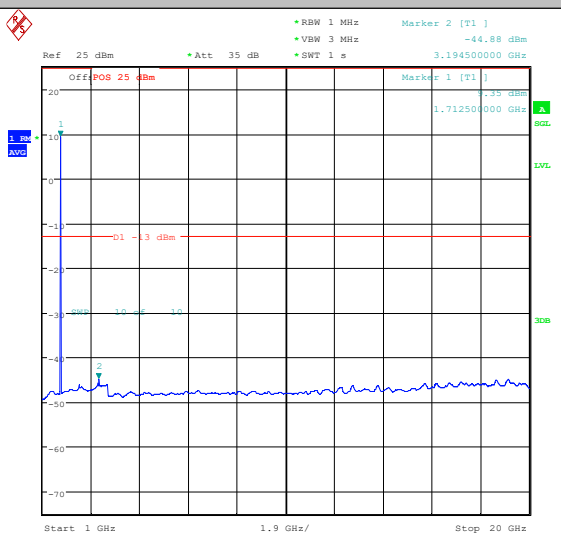
Date: 12.FEB.2025 04:22:21

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



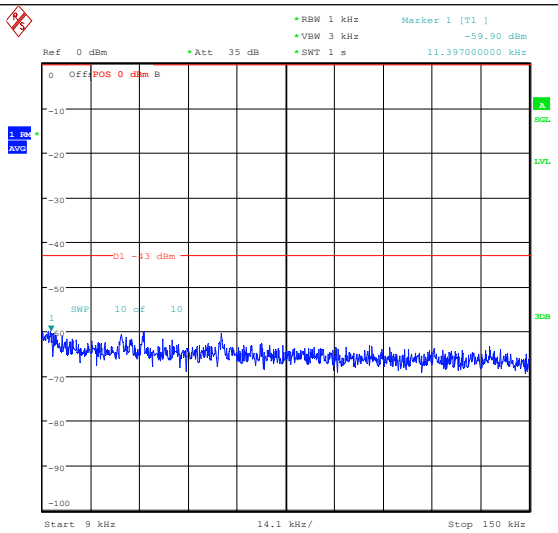
Date: 12.FEB.2025 04:22:37

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



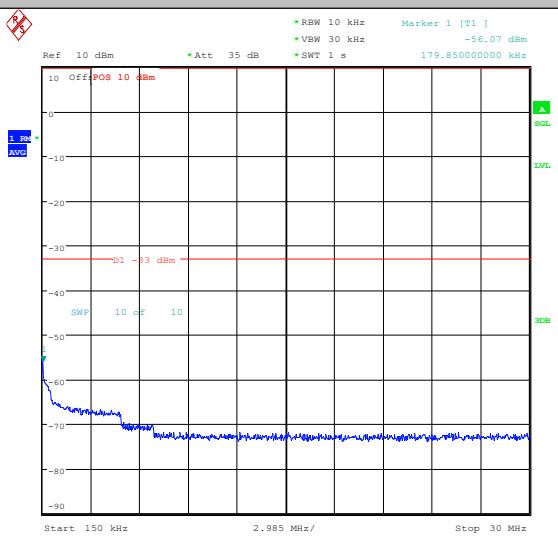
Date: 12.FEB.2025 04:22:54

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



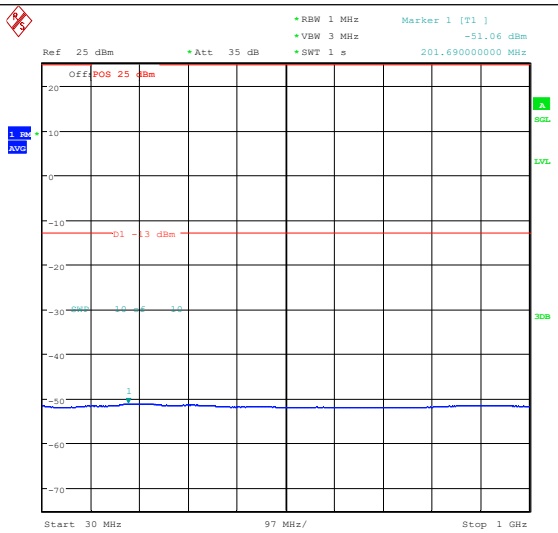
Date: 12.FEB.2025 04:27:52

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



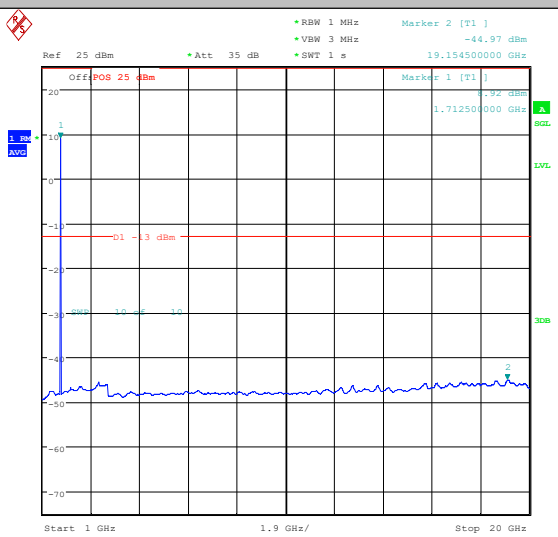
Date: 12.FEB.2025 04:28:09

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



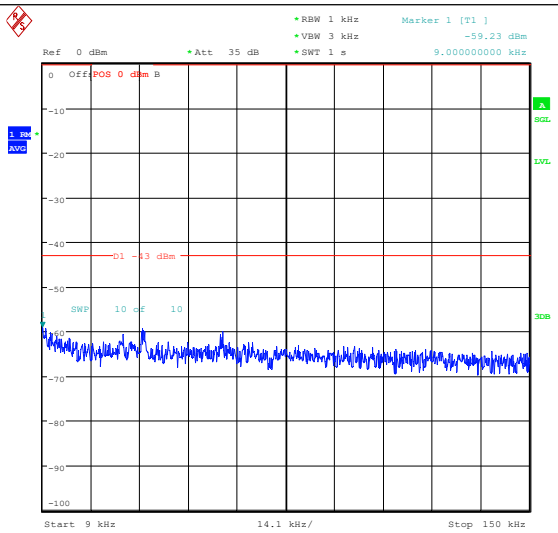
Date: 12.FEB.2025 04:28:25

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

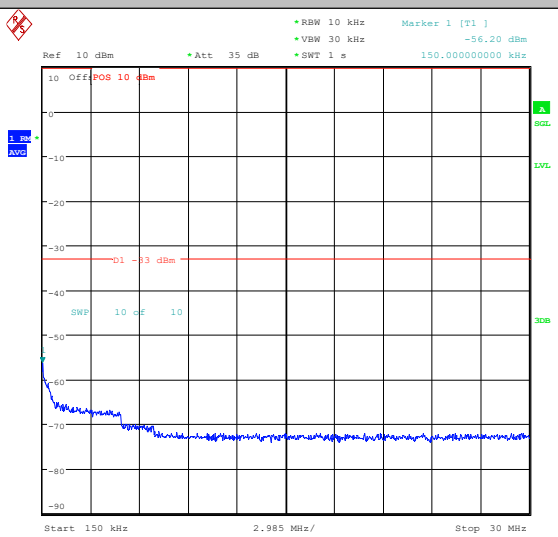


Date: 12.FEB.2025 04:28:42

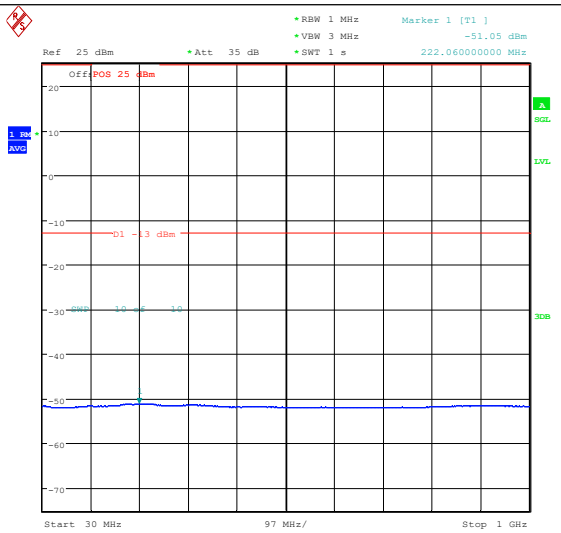
Band4-1312-2-1000~20000MHz-PASS



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

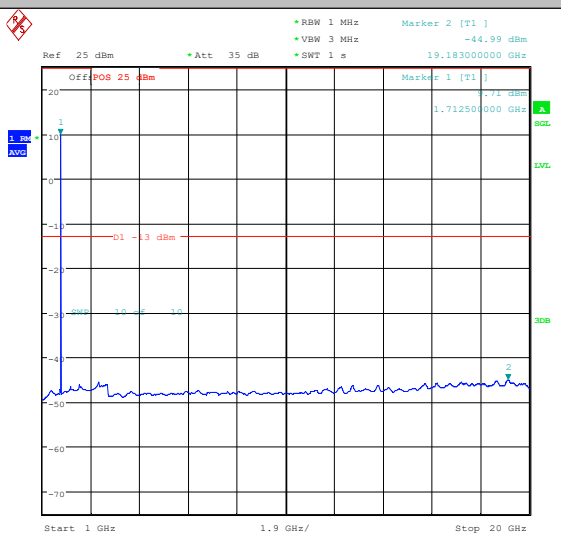


Band4-1312-3-0.15~30MHz-PASS



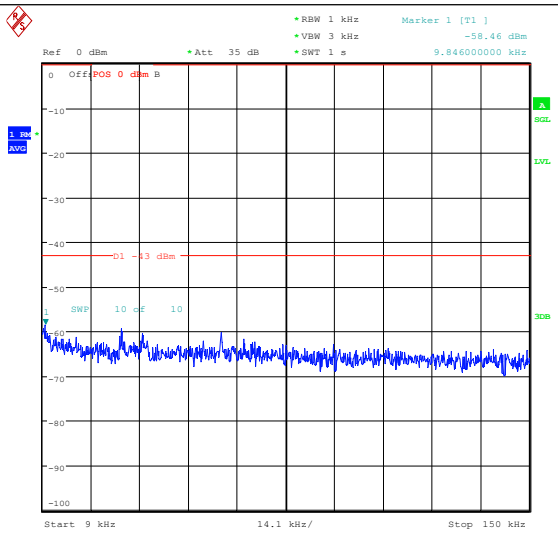
Date: 12.FEB.2025 04:33:59

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

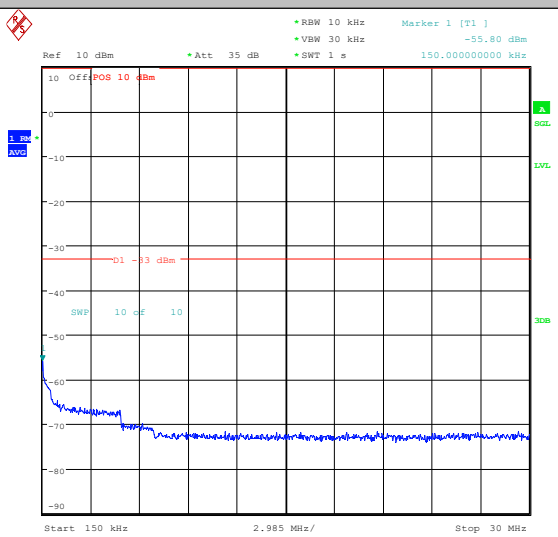


Date: 12.FEB.2025 04:34:16

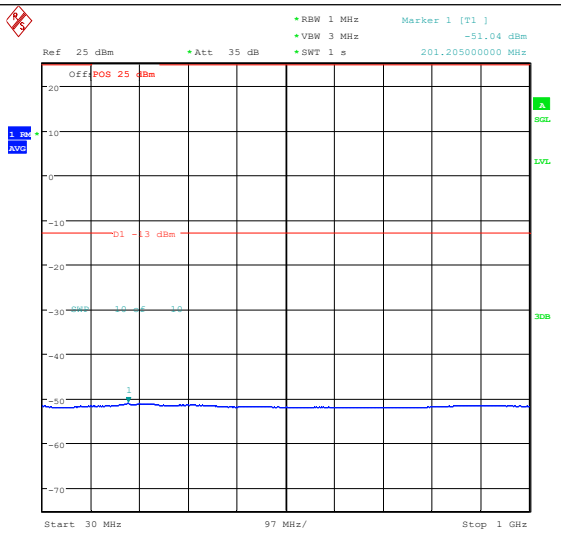
Band4-1312-3-1000~20000MHz-PASS



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

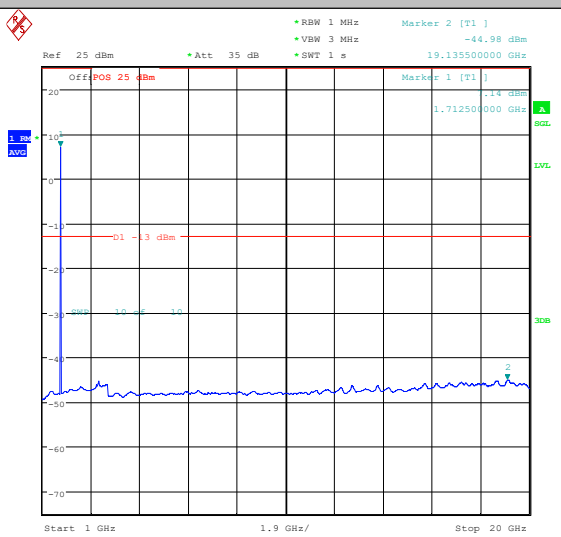


Band4-1312-4-0.15~30MHz-PASS



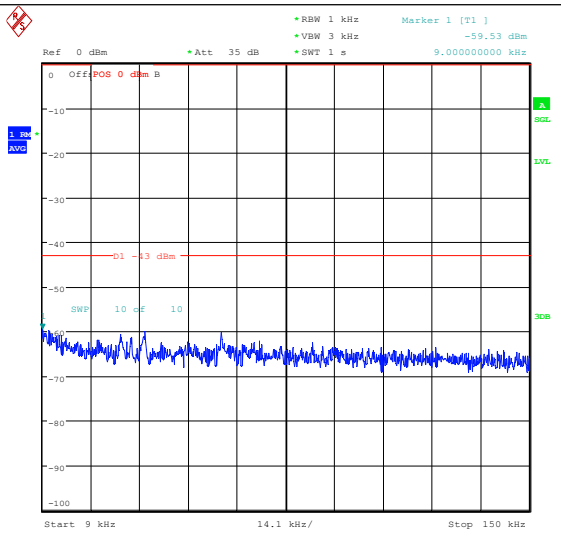
Date: 12.FEB.2025 04:39:39

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



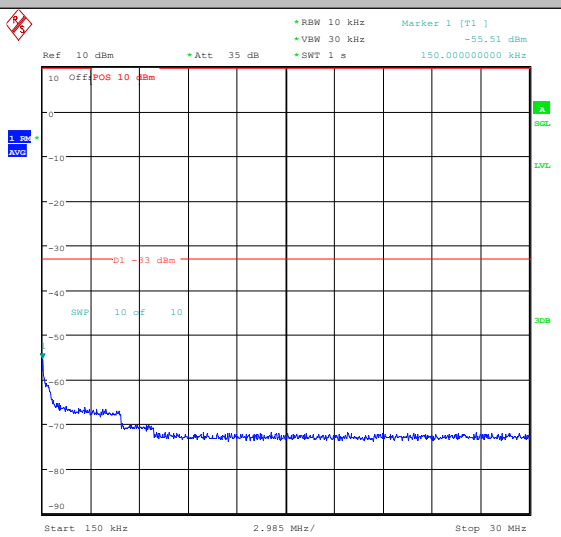
Date: 12.FEB.2025 04:39:57

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



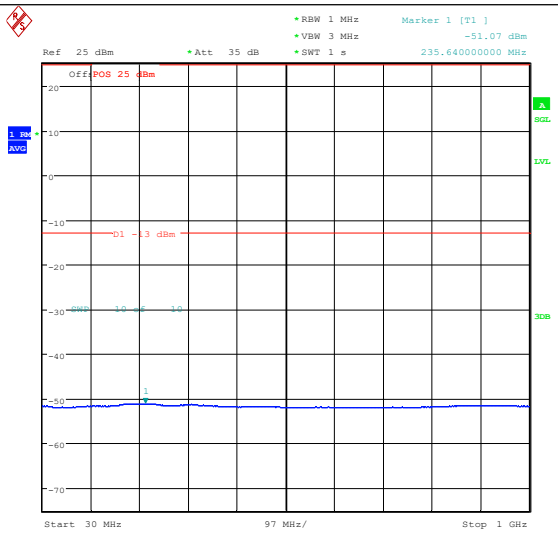
Date: 12.FEB.2025 04:44:42

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



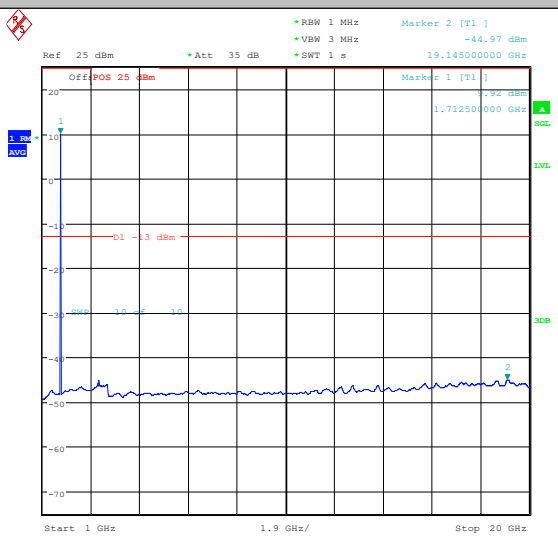
Date: 12.FEB.2025 04:44:58

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



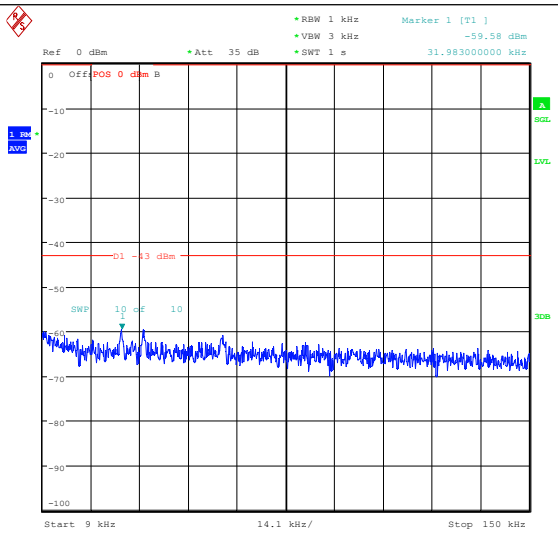
Date: 12.FEB.2025 04:45:15

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



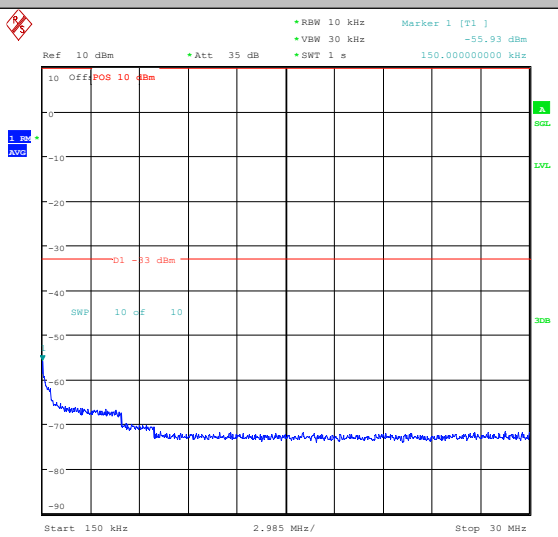
Date: 12.FEB.2025 04:45:32

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



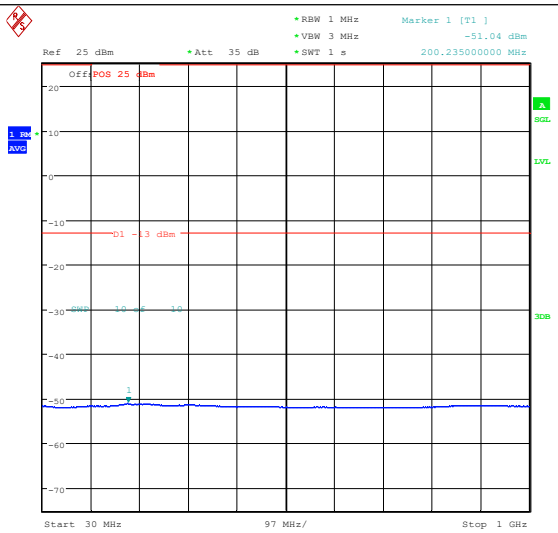
Date: 12.FEB.2025 04:24:20

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



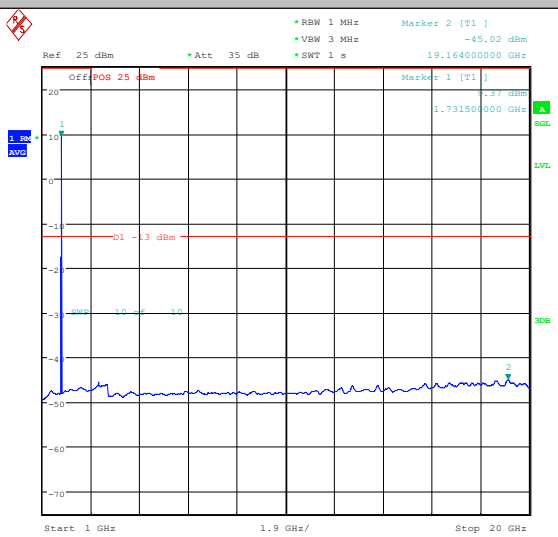
Date: 12.FEB.2025 04:24:37

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



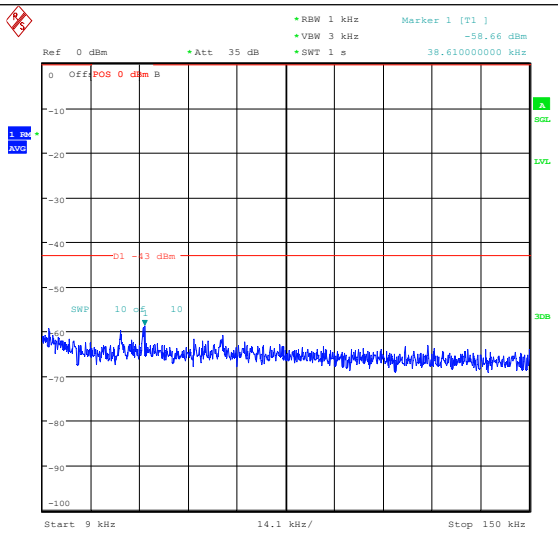
Date: 12.FEB.2025 04:24:53

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



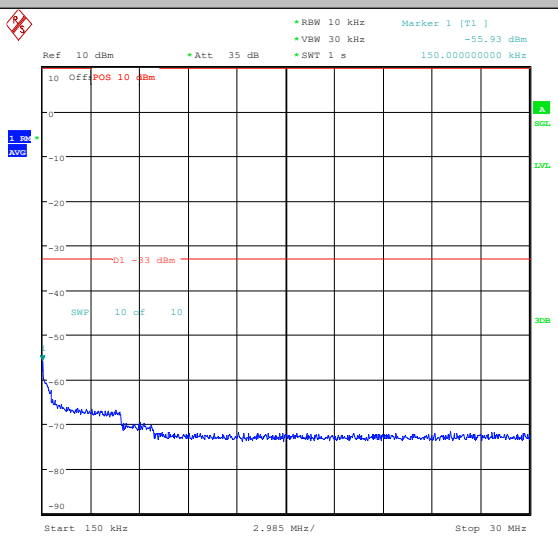
Date: 12.FEB.2025 04:25:10

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



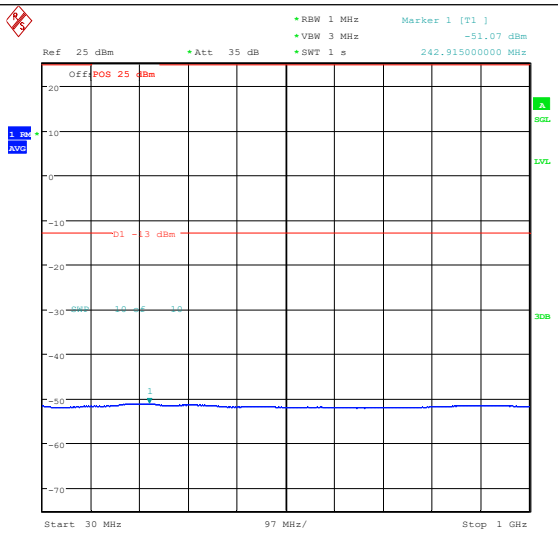
Date: 12.FEB.2025 04:29:48

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



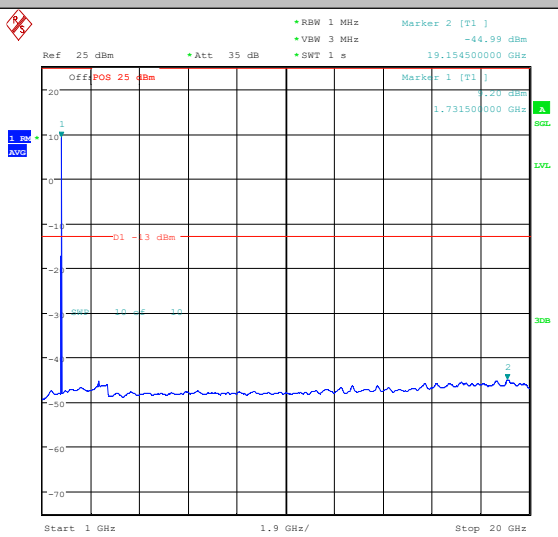
Date: 12.FEB.2025 04:30:05

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



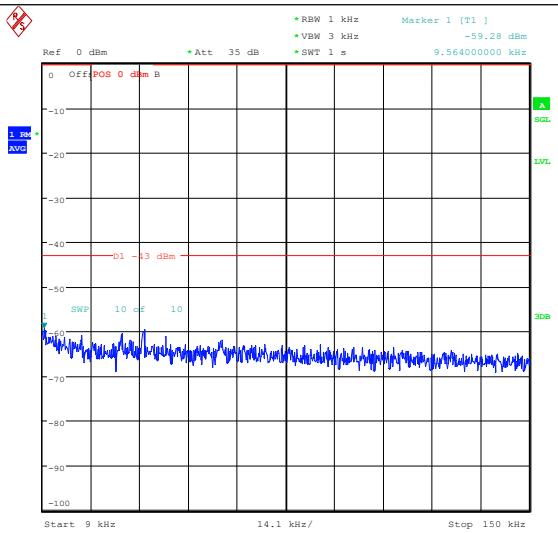
Date: 12.FEB.2025 04:30:22

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

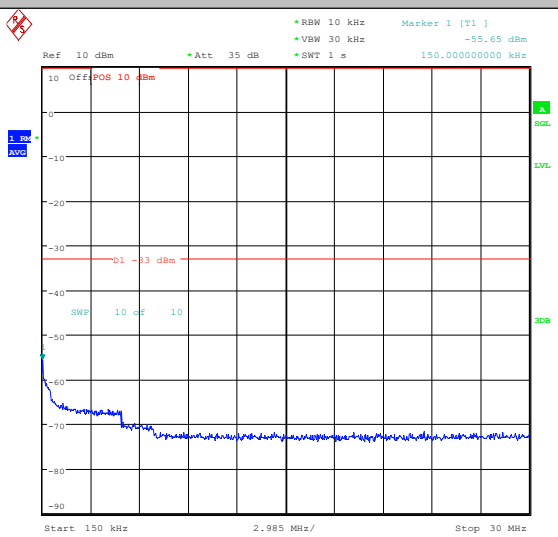


Date: 12.FEB.2025 04:30:38

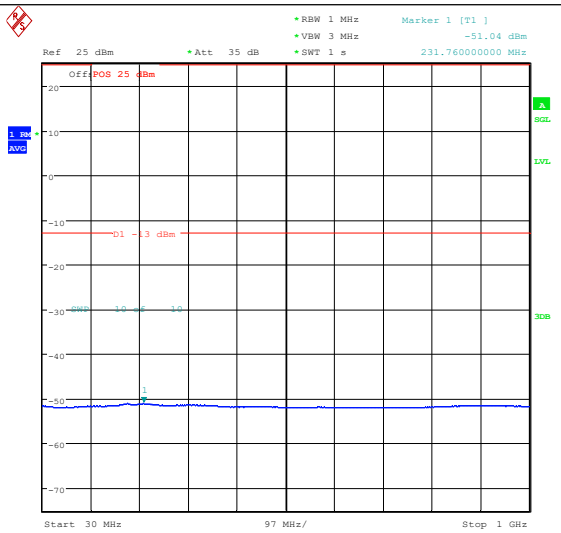
Band4-1413-2-1000~20000MHz-PASS



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

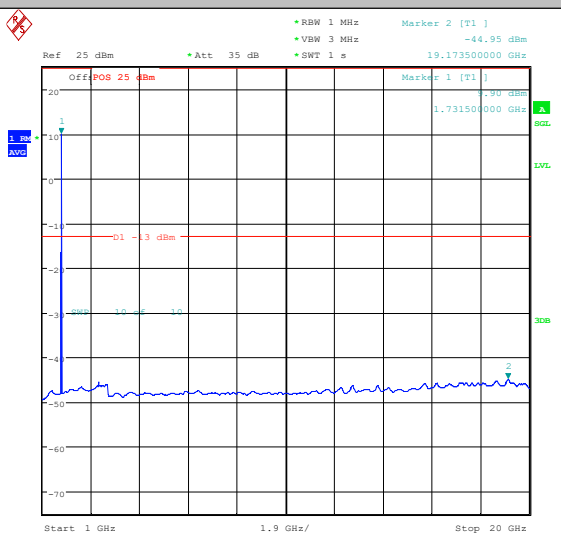


Band4-1413-3-0.15~30MHz-PASS



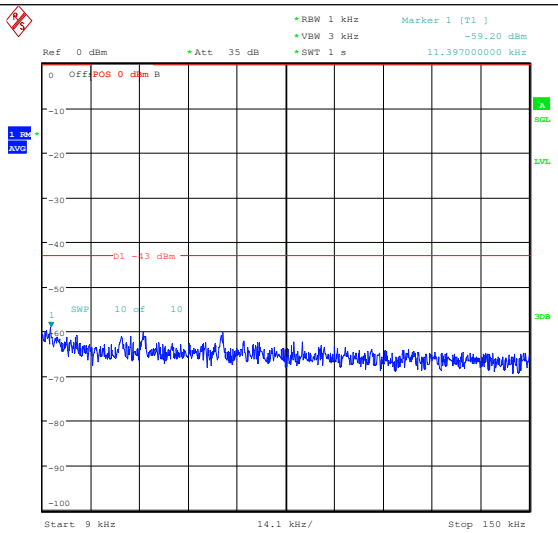
Date: 12.FEB.2025 04:36:02

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



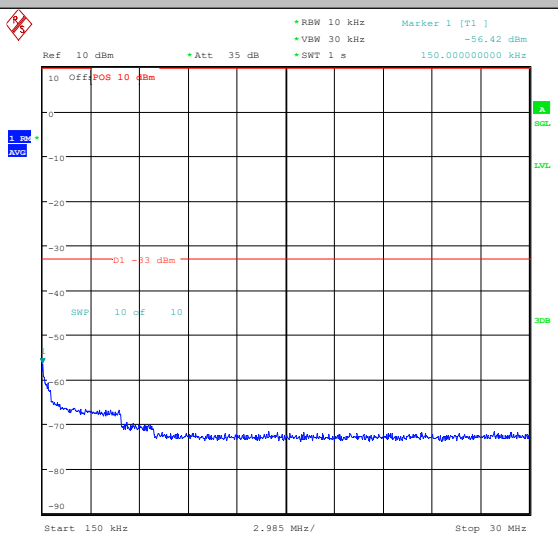
Date: 12.FEB.2025 04:36:19

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



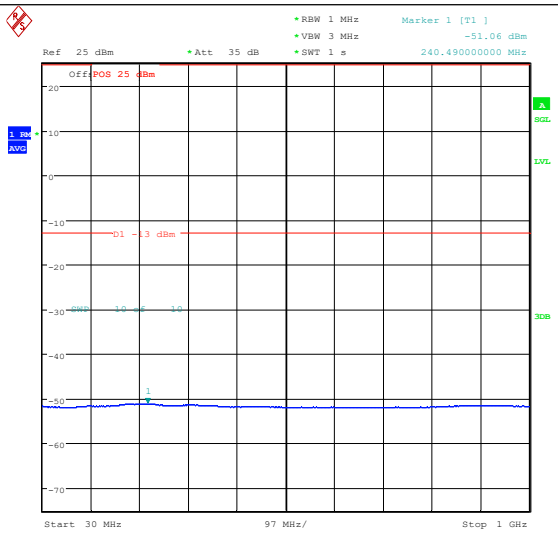
Date: 12.FEB.2025 04:41:05

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



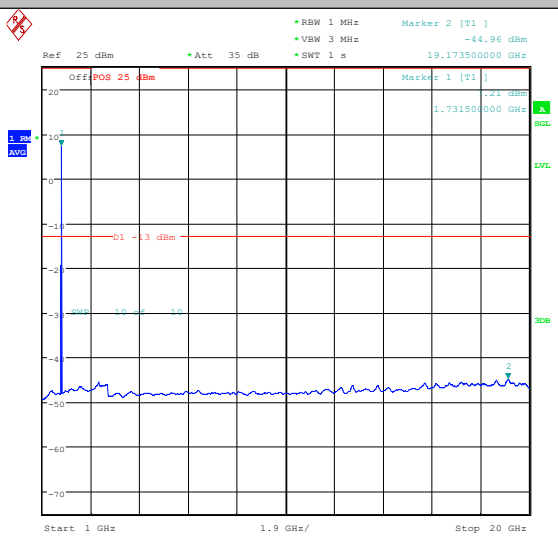
Date: 12.FEB.2025 04:41:21

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



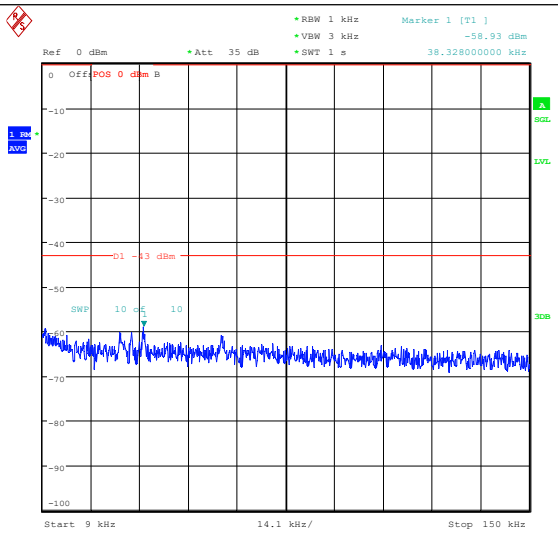
Date: 12.FEB.2025 04:41:38

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

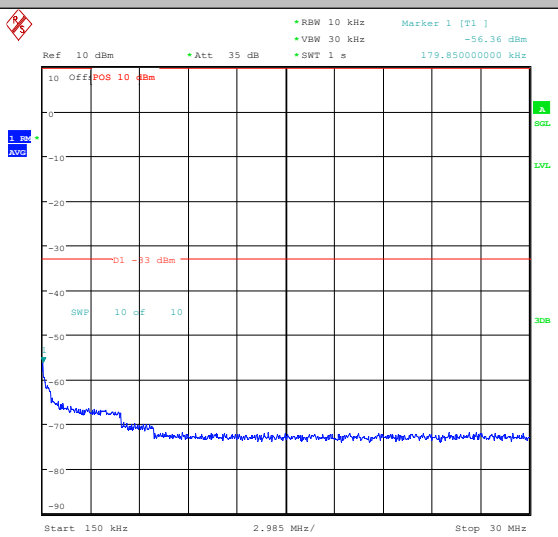


Date: 12.FEB.2025 04:41:55

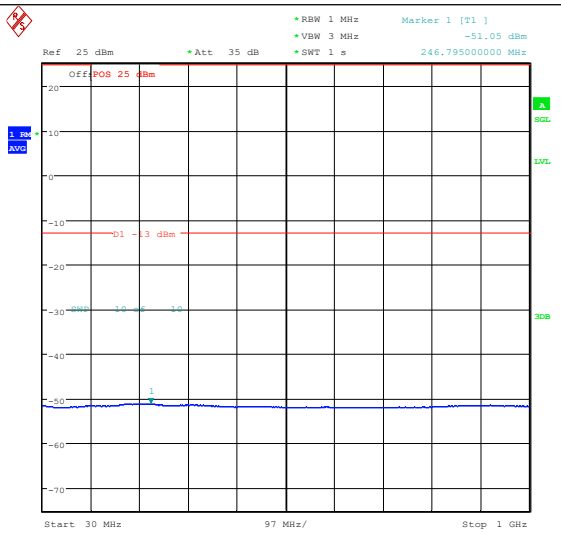
Band4-1413-4-1000~20000MHz-PASS



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

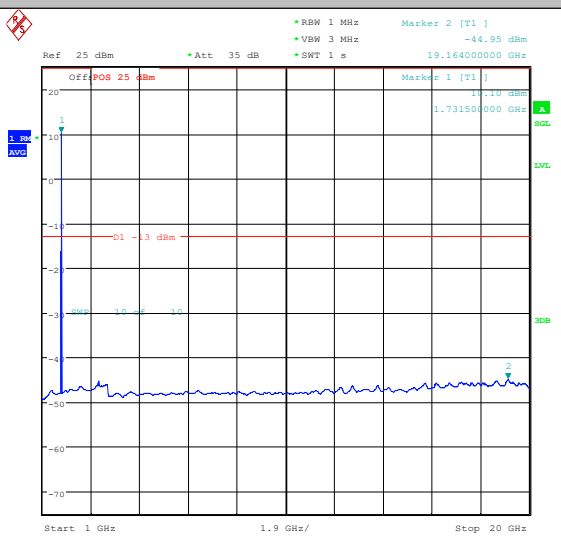


Band4-1413-5-0.15~30MHz-PASS



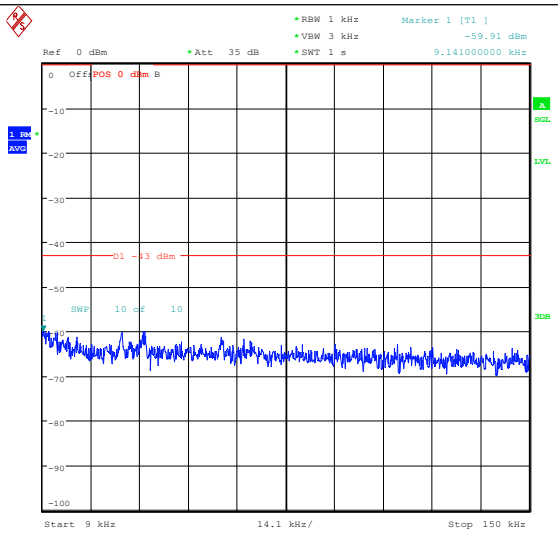
Date: 12.FEB.2025 04:46:39

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

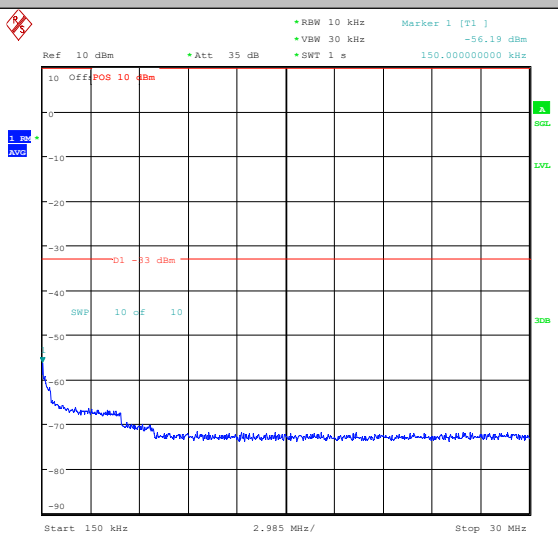


Date: 12.FEB.2025 04:46:55

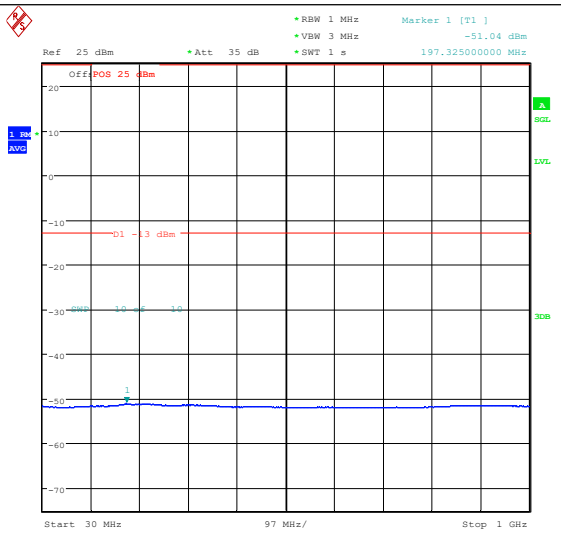
Band4-1413-5-1000~20000MHz-PASS



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

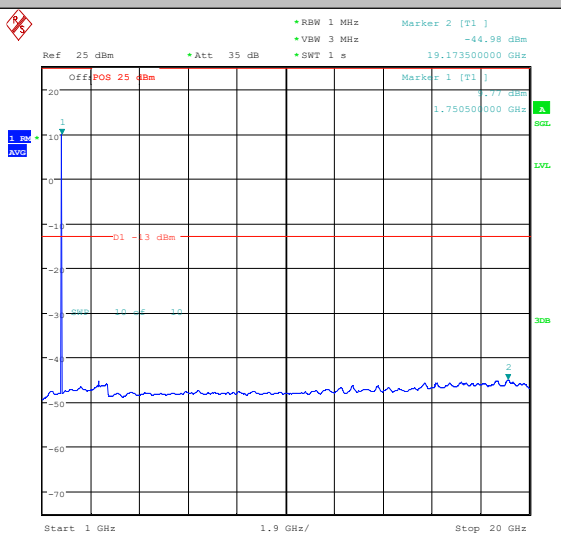


Band4-1513-1-0.15~30MHz-PASS



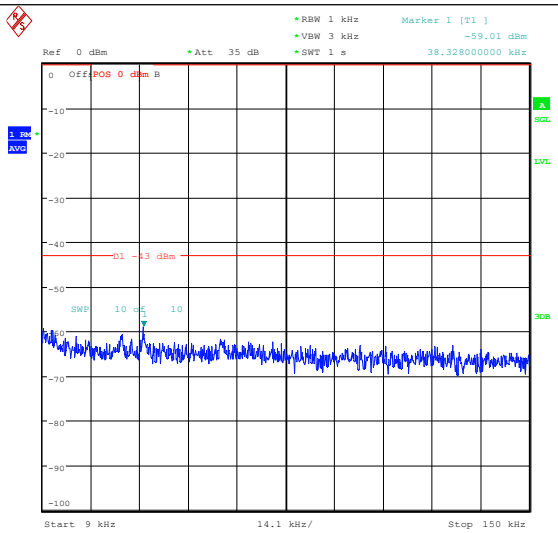
Date: 12.FEB.2025 04:26:49

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



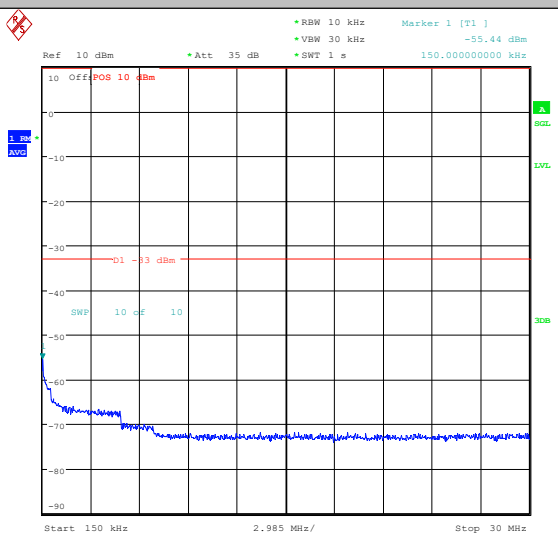
Date: 12.FEB.2025 04:27:06

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



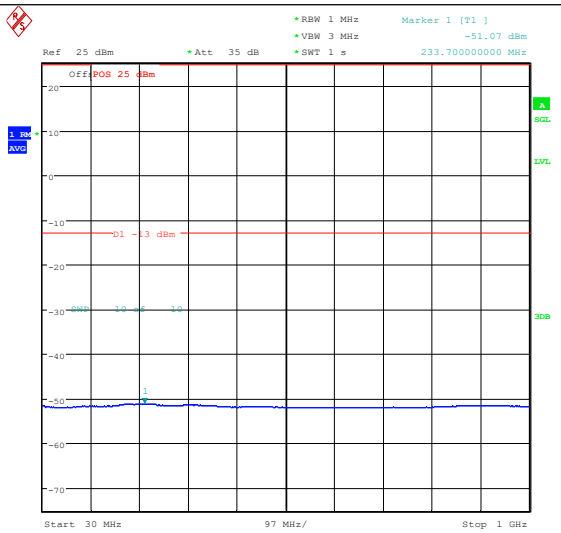
Date: 12.FEB.2025 04:31:48

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



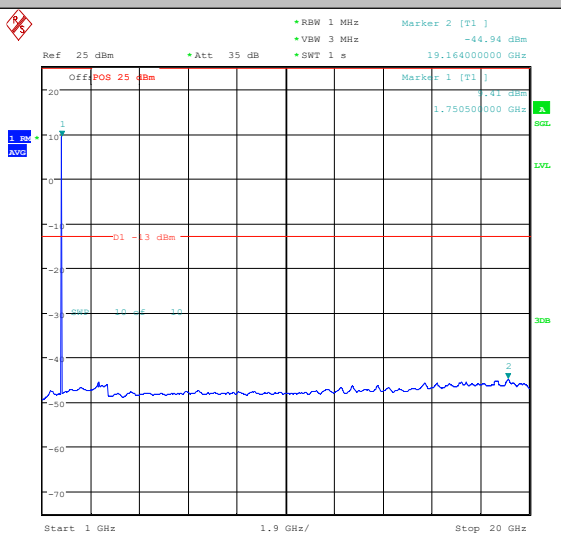
Date: 12.FEB.2025 04:32:04

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



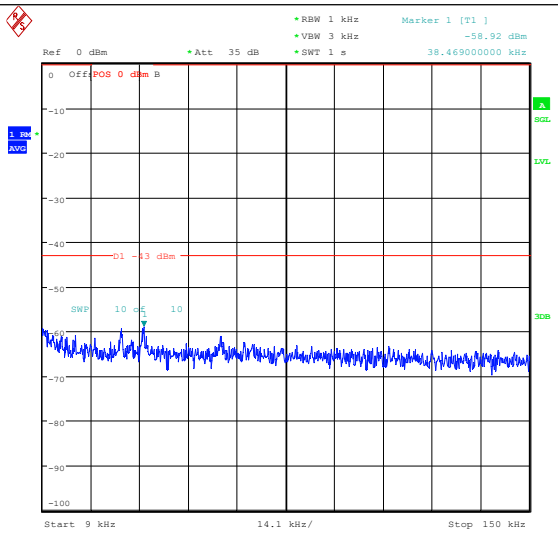
Date: 12.FEB.2025 04:32:21

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



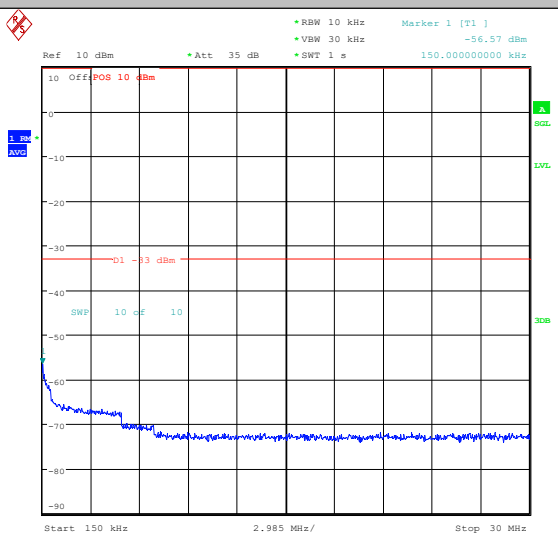
Date: 12.FEB.2025 04:32:37

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



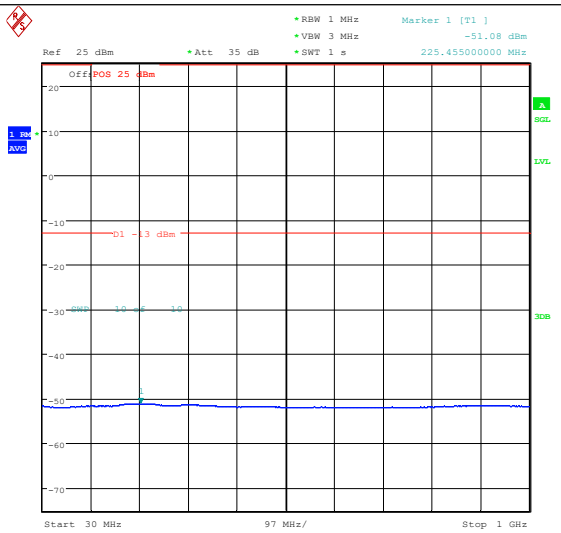
Date: 12.FEB.2025 04:37:24

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



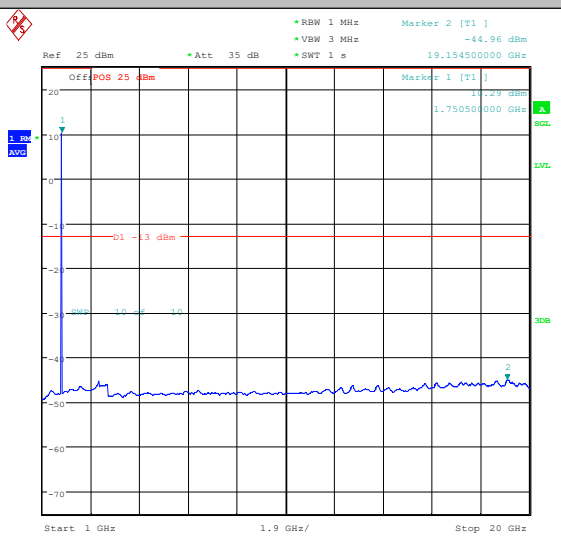
Date: 12.FEB.2025 04:37:40

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



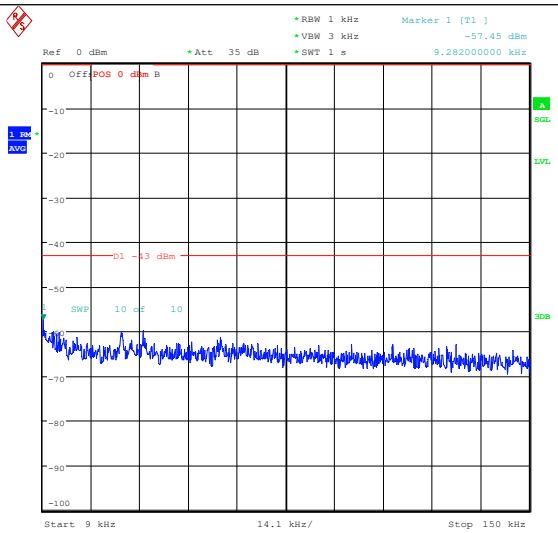
Date: 12.FEB.2025 04:37:57

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



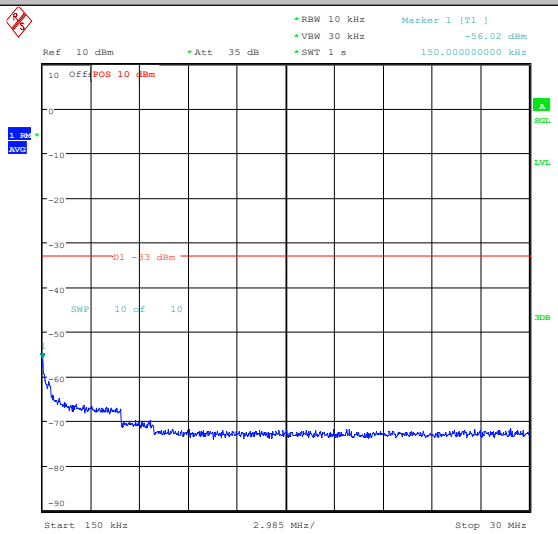
Date: 12.FEB.2025 04:38:13

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



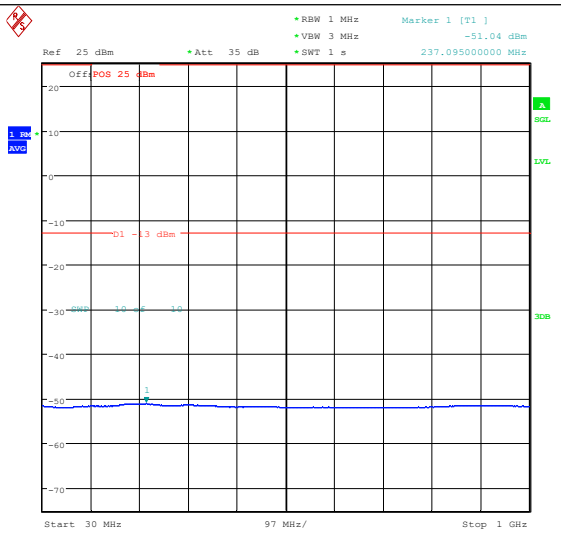
Date: 12.FEB.2025 04:43:04

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



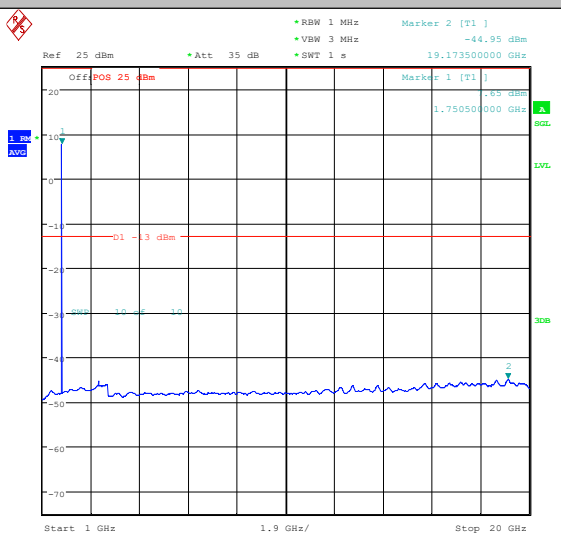
Date: 12.FEB.2025 04:43:21

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



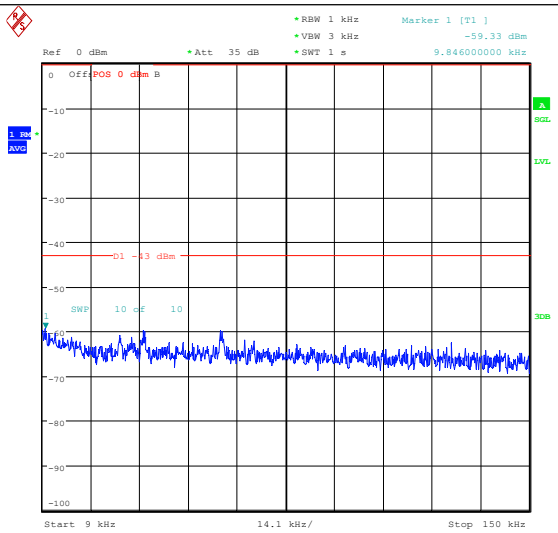
Date: 12.FEB.2025 04:43:37

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

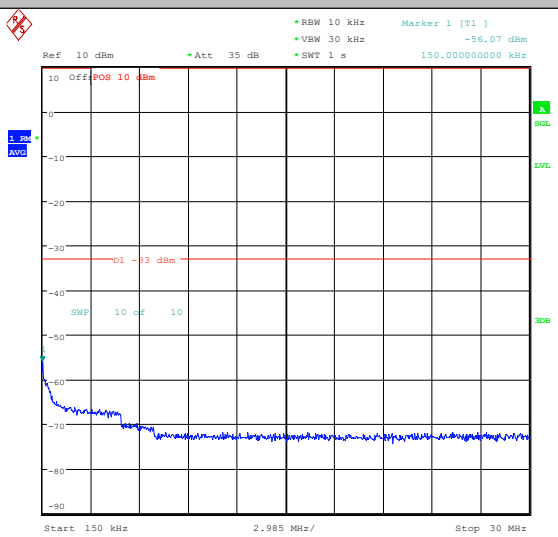


Date: 12.FEB.2025 04:43:54

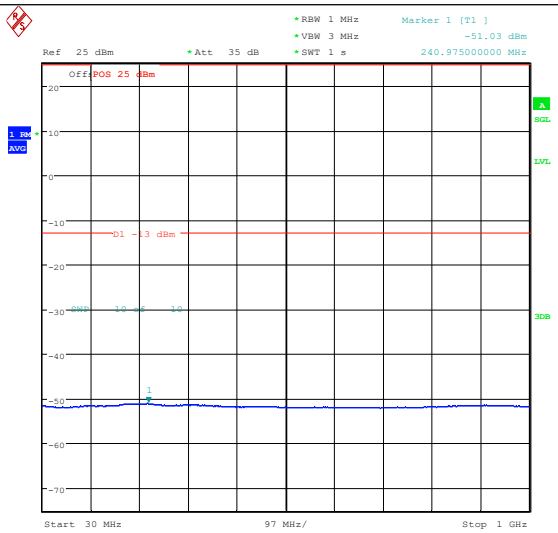
Band4-1513-4-1000~20000MHz-PASS



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

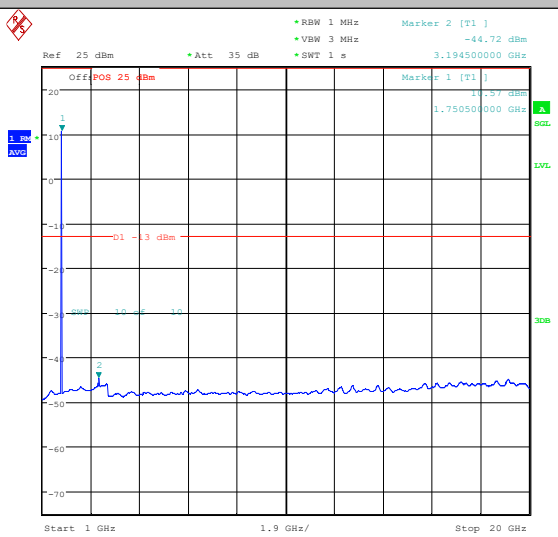


Band4-1513-5-0.15~30MHz-PASS



Date: 12.FEB.2025 04:48:00

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



Date: 12.FEB.2025 04:48:17

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

AppendixE:Frequency Stability

Test Result

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	VN	NT	-2.68	-0.001565	±2.5	PASS
Band4	1312	VL	NT	-2.30	-0.001343	±2.5	PASS
Band4	1312	VH	NT	-5.21	-0.003043	±2.5	PASS
Band4	1413	VN	NT	-3.09	-0.001783	±2.5	PASS
Band4	1413	VL	NT	-4.84	-0.002793	±2.5	PASS
Band4	1413	VH	NT	-1.73	-0.000998	±2.5	PASS
Band4	1513	VN	NT	-1.27	-0.000725	±2.5	PASS
Band4	1513	VL	NT	-0.49	-0.000280	±2.5	PASS
Band4	1513	VH	NT	-3.44	-0.001963	±2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	NV	-30	-0.65	-0.000380	±2.5	PASS
Band4	1312	NV	-20	-0.93	-0.000543	±2.5	PASS
Band4	1312	NV	-10	1.17	0.000683	±2.5	PASS
Band4	1312	NV	0	-0.97	-0.000566	±2.5	PASS
Band4	1312	NV	10	0.97	0.000566	±2.5	PASS
Band4	1312	NV	20	0.39	0.000228	±2.5	PASS
Band4	1312	NV	30	-1.37	-0.000800	±2.5	PASS
Band4	1312	NV	40	-4.09	-0.002388	±2.5	PASS
Band4	1312	NV	50	-2.02	-0.001180	±2.5	PASS
Band4	1413	NV	-30	-8.43	-0.004866	±2.5	PASS
Band4	1413	NV	-20	-5.51	-0.003180	±2.5	PASS
Band4	1413	NV	-10	-4.69	-0.002707	±2.5	PASS
Band4	1413	NV	0	-5.09	-0.002938	±2.5	PASS
Band4	1413	NV	10	-5.04	-0.002909	±2.5	PASS
Band4	1413	NV	20	-0.71	-0.000410	±2.5	PASS
Band4	1413	NV	30	-1.44	-0.000831	±2.5	PASS
Band4	1413	NV	40	-2.50	-0.001443	±2.5	PASS
Band4	1413	NV	50	-6.71	-0.003873	±2.5	PASS
Band4	1513	NV	-30	-4.52	-0.002579	±2.5	PASS
Band4	1513	NV	-20	-4.76	-0.002716	±2.5	PASS
Band4	1513	NV	-10	-1.37	-0.000782	±2.5	PASS
Band4	1513	NV	0	-1.18	-0.000673	±2.5	PASS

Band4	1513	NV	10	-3.28	-0.001872	±2.5	PASS
Band4	1513	NV	20	-1.52	-0.000867	±2.5	PASS
Band4	1513	NV	30	-4.15	-0.002368	±2.5	PASS
Band4	1513	NV	40	-6.99	-0.003988	±2.5	PASS
Band4	1513	NV	50	-3.81	-0.002174	±2.5	PASS

Voltage								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	1	VN	NT	-2.69	-0.001571	±2.5	PASS
Band4	1312	1	VL	NT	-2.02	-0.001180	±2.5	PASS
Band4	1312	1	VH	NT	-5.32	-0.003107	±2.5	PASS
Band4	1312	2	VN	NT	-4.58	-0.002675	±2.5	PASS
Band4	1312	2	VL	NT	-1.85	-0.001080	±2.5	PASS
Band4	1312	2	VH	NT	-2.80	-0.001635	±2.5	PASS
Band4	1312	3	VN	NT	-0.64	-0.000374	±2.5	PASS
Band4	1312	3	VL	NT	-3.98	-0.002324	±2.5	PASS
Band4	1312	3	VH	NT	-2.63	-0.001536	±2.5	PASS
Band4	1312	4	VN	NT	-3.97	-0.002318	±2.5	PASS
Band4	1312	4	VL	NT	-1.07	-0.000625	±2.5	PASS
Band4	1312	4	VH	NT	-4.16	-0.002429	±2.5	PASS
Band4	1413	1	VN	NT	-7.35	-0.004242	±2.5	PASS
Band4	1413	1	VL	NT	-2.61	-0.001506	±2.5	PASS
Band4	1413	1	VH	NT	-6.19	-0.003573	±2.5	PASS
Band4	1413	2	VN	NT	-3.48	-0.002009	±2.5	PASS
Band4	1413	2	VL	NT	-4.91	-0.002834	±2.5	PASS
Band4	1413	2	VH	NT	-2.80	-0.001616	±2.5	PASS
Band4	1413	3	VN	NT	-5.43	-0.003134	±2.5	PASS
Band4	1413	3	VL	NT	-4.91	-0.002834	±2.5	PASS
Band4	1413	3	VH	NT	-1.58	-0.000912	±2.5	PASS
Band4	1413	4	VN	NT	-4.99	-0.002880	±2.5	PASS
Band4	1413	4	VL	NT	-5.34	-0.003082	±2.5	PASS
Band4	1413	4	VH	NT	-4.33	-0.002499	±2.5	PASS
Band4	1513	1	VN	NT	-7.55	-0.004308	±2.5	PASS
Band4	1513	1	VL	NT	-0.85	-0.000485	±2.5	PASS
Band4	1513	1	VH	NT	-5.88	-0.003355	±2.5	PASS
Band4	1513	2	VN	NT	-4.58	-0.002613	±2.5	PASS
Band4	1513	2	VL	NT	-4.50	-0.002568	±2.5	PASS
Band4	1513	2	VH	NT	-3.11	-0.001775	±2.5	PASS
Band4	1513	3	VN	NT	-5.56	-0.003172	±2.5	PASS
Band4	1513	3	VL	NT	-5.01	-0.002859	±2.5	PASS
Band4	1513	3	VH	NT	-8.44	-0.004816	±2.5	PASS

Band4	1513	4	VN	NT	-3.56	-0.002031	±2.5	PASS
Band4	1513	4	VL	NT	-5.29	-0.003018	±2.5	PASS
Band4	1513	4	VH	NT	-3.06	-0.001746	±2.5	PASS

Temperature								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	1	NV	-30	-3.23	-0.001886	±2.5	PASS
Band4	1312	1	NV	-20	0.08	0.000047	±2.5	PASS
Band4	1312	1	NV	-10	-0.19	-0.000111	±2.5	PASS
Band4	1312	1	NV	0	1.66	0.000969	±2.5	PASS
Band4	1312	1	NV	10	1.76	0.001028	±2.5	PASS
Band4	1312	1	NV	20	-2.05	-0.001197	±2.5	PASS
Band4	1312	1	NV	30	-3.16	-0.001845	±2.5	PASS
Band4	1312	1	NV	40	-4.33	-0.002529	±2.5	PASS
Band4	1312	1	NV	50	-2.48	-0.001448	±2.5	PASS
Band4	1312	2	NV	-30	0.21	0.000123	±2.5	PASS
Band4	1312	2	NV	-20	-6.35	-0.003708	±2.5	PASS
Band4	1312	2	NV	-10	-4.41	-0.002575	±2.5	PASS
Band4	1312	2	NV	0	-5.25	-0.003066	±2.5	PASS
Band4	1312	2	NV	10	-5.40	-0.003153	±2.5	PASS
Band4	1312	2	NV	20	-0.94	-0.000549	±2.5	PASS
Band4	1312	2	NV	30	-3.68	-0.002149	±2.5	PASS
Band4	1312	2	NV	40	-2.46	-0.001437	±2.5	PASS
Band4	1312	2	NV	50	-2.58	-0.001507	±2.5	PASS
Band4	1312	3	NV	-30	-2.85	-0.001664	±2.5	PASS
Band4	1312	3	NV	-20	-0.66	-0.000385	±2.5	PASS
Band4	1312	3	NV	-10	0.41	0.000239	±2.5	PASS
Band4	1312	3	NV	0	2.81	0.001641	±2.5	PASS
Band4	1312	3	NV	10	-0.01	-0.000006	±2.5	PASS
Band4	1312	3	NV	20	0.36	0.000210	±2.5	PASS
Band4	1312	3	NV	30	2.76	0.001612	±2.5	PASS
Band4	1312	3	NV	40	1.60	0.000934	±2.5	PASS
Band4	1312	3	NV	50	0.87	0.000508	±2.5	PASS
Band4	1312	4	NV	-30	-3.21	-0.001875	±2.5	PASS
Band4	1312	4	NV	-20	-1.59	-0.000929	±2.5	PASS
Band4	1312	4	NV	-10	-2.54	-0.001483	±2.5	PASS
Band4	1312	4	NV	0	-0.61	-0.000356	±2.5	PASS
Band4	1312	4	NV	10	-0.81	-0.000473	±2.5	PASS
Band4	1312	4	NV	20	0.06	0.000035	±2.5	PASS
Band4	1312	4	NV	30	-0.14	-0.000082	±2.5	PASS

Band4	1312	4	NV	40	-0.71	-0.000415	±2.5	PASS
Band4	1312	4	NV	50	1.52	0.000888	±2.5	PASS
Band4	1413	1	NV	-30	-2.86	-0.001651	±2.5	PASS
Band4	1413	1	NV	-20	-6.31	-0.003642	±2.5	PASS
Band4	1413	1	NV	-10	-3.98	-0.002297	±2.5	PASS
Band4	1413	1	NV	0	-2.59	-0.001495	±2.5	PASS
Band4	1413	1	NV	10	-3.18	-0.001835	±2.5	PASS
Band4	1413	1	NV	20	-5.29	-0.003053	±2.5	PASS
Band4	1413	1	NV	30	-6.92	-0.003994	±2.5	PASS
Band4	1413	1	NV	40	-3.28	-0.001893	±2.5	PASS
Band4	1413	1	NV	50	-5.25	-0.003030	±2.5	PASS
Band4	1413	2	NV	-30	1.29	0.000745	±2.5	PASS
Band4	1413	2	NV	-20	-5.95	-0.003434	±2.5	PASS
Band4	1413	2	NV	-10	-7.00	-0.004040	±2.5	PASS
Band4	1413	2	NV	0	-5.82	-0.003359	±2.5	PASS
Band4	1413	2	NV	10	-4.63	-0.002672	±2.5	PASS
Band4	1413	2	NV	20	-5.04	-0.002909	±2.5	PASS
Band4	1413	2	NV	30	-4.13	-0.002384	±2.5	PASS
Band4	1413	2	NV	40	-2.32	-0.001339	±2.5	PASS
Band4	1413	2	NV	50	-3.76	-0.002170	±2.5	PASS
Band4	1413	3	NV	-30	-7.13	-0.004115	±2.5	PASS
Band4	1413	3	NV	-20	-3.97	-0.002291	±2.5	PASS
Band4	1413	3	NV	-10	-5.27	-0.003042	±2.5	PASS
Band4	1413	3	NV	0	-3.33	-0.001922	±2.5	PASS
Band4	1413	3	NV	10	-1.93	-0.001114	±2.5	PASS
Band4	1413	3	NV	20	-2.52	-0.001454	±2.5	PASS
Band4	1413	3	NV	30	-7.37	-0.004254	±2.5	PASS
Band4	1413	3	NV	40	-3.60	-0.002078	±2.5	PASS
Band4	1413	3	NV	50	-4.73	-0.002730	±2.5	PASS
Band4	1413	4	NV	-30	-2.32	-0.001339	±2.5	PASS
Band4	1413	4	NV	-20	-6.92	-0.003994	±2.5	PASS
Band4	1413	4	NV	-10	-5.01	-0.002892	±2.5	PASS
Band4	1413	4	NV	0	-5.85	-0.003376	±2.5	PASS
Band4	1413	4	NV	10	-4.51	-0.002603	±2.5	PASS
Band4	1413	4	NV	20	-2.06	-0.001189	±2.5	PASS
Band4	1413	4	NV	30	-1.59	-0.000918	±2.5	PASS
Band4	1413	4	NV	40	1.19	0.000687	±2.5	PASS
Band4	1413	4	NV	50	-3.44	-0.001985	±2.5	PASS
Band4	1513	1	NV	-30	-4.26	-0.002431	±2.5	PASS
Band4	1513	1	NV	-20	-3.76	-0.002145	±2.5	PASS
Band4	1513	1	NV	-10	-2.97	-0.001695	±2.5	PASS

Band4	1513	1	NV	0	-6.24	-0.003560	±2.5	PASS
Band4	1513	1	NV	10	-7.15	-0.004080	±2.5	PASS
Band4	1513	1	NV	20	-5.16	-0.002944	±2.5	PASS
Band4	1513	1	NV	30	-3.55	-0.002026	±2.5	PASS
Band4	1513	1	NV	40	-5.93	-0.003384	±2.5	PASS
Band4	1513	1	NV	50	-6.73	-0.003840	±2.5	PASS
Band4	1513	2	NV	-30	-5.49	-0.003132	±2.5	PASS
Band4	1513	2	NV	-20	-6.72	-0.003834	±2.5	PASS
Band4	1513	2	NV	-10	-5.71	-0.003258	±2.5	PASS
Band4	1513	2	NV	0	-4.61	-0.002630	±2.5	PASS
Band4	1513	2	NV	10	-6.17	-0.003520	±2.5	PASS
Band4	1513	2	NV	20	-2.37	-0.001352	±2.5	PASS
Band4	1513	2	NV	30	-5.51	-0.003144	±2.5	PASS
Band4	1513	2	NV	40	-3.26	-0.001860	±2.5	PASS
Band4	1513	2	NV	50	-3.23	-0.001843	±2.5	PASS
Band4	1513	3	NV	-30	-3.47	-0.001980	±2.5	PASS
Band4	1513	3	NV	-20	-2.99	-0.001706	±2.5	PASS
Band4	1513	3	NV	-10	-3.84	-0.002191	±2.5	PASS
Band4	1513	3	NV	0	-6.14	-0.003503	±2.5	PASS
Band4	1513	3	NV	10	-5.83	-0.003326	±2.5	PASS
Band4	1513	3	NV	20	-4.56	-0.002602	±2.5	PASS
Band4	1513	3	NV	30	-3.76	-0.002145	±2.5	PASS
Band4	1513	3	NV	40	-1.52	-0.000867	±2.5	PASS
Band4	1513	3	NV	50	-1.84	-0.001050	±2.5	PASS
Band4	1513	4	NV	-30	-6.92	-0.003948	±2.5	PASS
Band4	1513	4	NV	-20	-4.03	-0.002299	±2.5	PASS
Band4	1513	4	NV	-10	-5.09	-0.002904	±2.5	PASS
Band4	1513	4	NV	0	-3.53	-0.002014	±2.5	PASS
Band4	1513	4	NV	10	-1.70	-0.000970	±2.5	PASS
Band4	1513	4	NV	20	-4.89	-0.002790	±2.5	PASS
Band4	1513	4	NV	30	-6.79	-0.003874	±2.5	PASS
Band4	1513	4	NV	40	-5.77	-0.003292	±2.5	PASS
Band4	1513	4	NV	50	-2.77	-0.001581	±2.5	PASS

Voltage								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	1	VN	NT	-8.28	-0.004835	±2.5	PASS
Band4	1312	1	VL	NT	-6.17	-0.003603	±2.5	PASS
Band4	1312	1	VH	NT	-5.01	-0.002926	±2.5	PASS
Band4	1312	2	VN	NT	-9.88	-0.005770	±2.5	PASS

Band4	1312	2	VL	NT	-3.59	-0.002096	±2.5	PASS
Band4	1312	2	VH	NT	-3.70	-0.002161	±2.5	PASS
Band4	1312	3	VN	NT	-6.29	-0.003673	±2.5	PASS
Band4	1312	3	VL	NT	-8.80	-0.005139	±2.5	PASS
Band4	1312	3	VH	NT	-3.35	-0.001956	±2.5	PASS
Band4	1312	4	VN	NT	-5.41	-0.003159	±2.5	PASS
Band4	1312	4	VL	NT	-2.15	-0.001256	±2.5	PASS
Band4	1312	4	VH	NT	-3.96	-0.002313	±2.5	PASS
Band4	1312	5	VN	NT	-8.08	-0.004719	±2.5	PASS
Band4	1312	5	VL	NT	-1.24	-0.000724	±2.5	PASS
Band4	1312	5	VH	NT	-5.58	-0.003259	±2.5	PASS
Band4	1413	1	VN	NT	-9.95	-0.005743	±2.5	PASS
Band4	1413	1	VL	NT	-9.98	-0.005760	±2.5	PASS
Band4	1413	1	VH	NT	-6.21	-0.003584	±2.5	PASS
Band4	1413	2	VN	NT	-11.16	-0.006441	±2.5	PASS
Band4	1413	2	VL	NT	-8.88	-0.005125	±2.5	PASS
Band4	1413	2	VH	NT	-3.32	-0.001916	±2.5	PASS
Band4	1413	3	VN	NT	-11.91	-0.006874	±2.5	PASS
Band4	1413	3	VL	NT	-9.62	-0.005552	±2.5	PASS
Band4	1413	3	VH	NT	-8.83	-0.005096	±2.5	PASS
Band4	1413	4	VN	NT	-8.49	-0.004900	±2.5	PASS
Band4	1413	4	VL	NT	-6.42	-0.003705	±2.5	PASS
Band4	1413	4	VH	NT	-3.64	-0.002101	±2.5	PASS
Band4	1413	5	VN	NT	-12.77	-0.007370	±2.5	PASS
Band4	1413	5	VL	NT	-7.26	-0.004190	±2.5	PASS
Band4	1413	5	VH	NT	-5.89	-0.003400	±2.5	PASS
Band4	1513	1	VN	NT	-10.06	-0.005740	±2.5	PASS
Band4	1513	1	VL	NT	-8.41	-0.004799	±2.5	PASS
Band4	1513	1	VH	NT	-4.22	-0.002408	±2.5	PASS
Band4	1513	2	VN	NT	-8.59	-0.004901	±2.5	PASS
Band4	1513	2	VL	NT	-7.36	-0.004199	±2.5	PASS
Band4	1513	2	VH	NT	-9.26	-0.005284	±2.5	PASS
Band4	1513	3	VN	NT	-11.64	-0.006642	±2.5	PASS
Band4	1513	3	VL	NT	-9.58	-0.005466	±2.5	PASS
Band4	1513	3	VH	NT	-6.30	-0.003595	±2.5	PASS
Band4	1513	4	VN	NT	-10.12	-0.005774	±2.5	PASS
Band4	1513	4	VL	NT	-6.05	-0.003452	±2.5	PASS
Band4	1513	4	VH	NT	-5.01	-0.002859	±2.5	PASS
Band4	1513	5	VN	NT	-10.65	-0.006077	±2.5	PASS
Band4	1513	5	VL	NT	-7.11	-0.004057	±2.5	PASS
Band4	1513	5	VH	NT	-4.26	-0.002431	±2.5	PASS

Temperature								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	1	NV	-30	-8.68	-0.005069	±2.5	PASS
Band4	1312	1	NV	-20	-3.20	-0.001869	±2.5	PASS
Band4	1312	1	NV	-10	-5.39	-0.003148	±2.5	PASS
Band4	1312	1	NV	0	-2.96	-0.001729	±2.5	PASS
Band4	1312	1	NV	10	-0.86	-0.000502	±2.5	PASS
Band4	1312	1	NV	20	-5.51	-0.003218	±2.5	PASS
Band4	1312	1	NV	30	-1.65	-0.000964	±2.5	PASS
Band4	1312	1	NV	40	-2.32	-0.001355	±2.5	PASS
Band4	1312	1	NV	50	1.14	0.000666	±2.5	PASS
Band4	1312	2	NV	-30	-2.83	-0.001653	±2.5	PASS
Band4	1312	2	NV	-20	-2.98	-0.001740	±2.5	PASS
Band4	1312	2	NV	-10	0.16	0.000093	±2.5	PASS
Band4	1312	2	NV	0	-0.51	-0.000298	±2.5	PASS
Band4	1312	2	NV	10	-4.91	-0.002867	±2.5	PASS
Band4	1312	2	NV	20	-3.08	-0.001799	±2.5	PASS
Band4	1312	2	NV	30	-3.76	-0.002196	±2.5	PASS
Band4	1312	2	NV	40	-1.41	-0.000823	±2.5	PASS
Band4	1312	2	NV	50	-0.09	-0.000053	±2.5	PASS
Band4	1312	3	NV	-30	-1.72	-0.001004	±2.5	PASS
Band4	1312	3	NV	-20	-6.01	-0.003510	±2.5	PASS
Band4	1312	3	NV	-10	-2.55	-0.001489	±2.5	PASS
Band4	1312	3	NV	0	-1.61	-0.000940	±2.5	PASS
Band4	1312	3	NV	10	-0.44	-0.000257	±2.5	PASS
Band4	1312	3	NV	20	-4.79	-0.002797	±2.5	PASS
Band4	1312	3	NV	30	-3.65	-0.002132	±2.5	PASS
Band4	1312	3	NV	40	-2.00	-0.001168	±2.5	PASS
Band4	1312	3	NV	50	-1.34	-0.000783	±2.5	PASS
Band4	1312	4	NV	-30	-2.47	-0.001442	±2.5	PASS
Band4	1312	4	NV	-20	-1.33	-0.000777	±2.5	PASS
Band4	1312	4	NV	-10	-0.93	-0.000543	±2.5	PASS
Band4	1312	4	NV	0	1.34	0.000783	±2.5	PASS
Band4	1312	4	NV	10	1.44	0.000841	±2.5	PASS
Band4	1312	4	NV	20	-0.51	-0.000298	±2.5	PASS
Band4	1312	4	NV	30	-2.30	-0.001343	±2.5	PASS
Band4	1312	4	NV	40	-4.10	-0.002394	±2.5	PASS
Band4	1312	4	NV	50	-3.02	-0.001764	±2.5	PASS
Band4	1312	5	NV	-30	-0.56	-0.000327	±2.5	PASS
Band4	1312	5	NV	-20	-2.52	-0.001472	±2.5	PASS

Band4	1312	5	NV	-10	-1.44	-0.000841	±2.5	PASS
Band4	1312	5	NV	0	0.45	0.000263	±2.5	PASS
Band4	1312	5	NV	10	-0.06	-0.000035	±2.5	PASS
Band4	1312	5	NV	20	0.00	0.000000	±2.5	PASS
Band4	1312	5	NV	30	-3.18	-0.001857	±2.5	PASS
Band4	1312	5	NV	40	-3.42	-0.001997	±2.5	PASS
Band4	1312	5	NV	50	-2.84	-0.001658	±2.5	PASS
Band4	1413	1	NV	-30	-5.15	-0.002972	±2.5	PASS
Band4	1413	1	NV	-20	-6.56	-0.003786	±2.5	PASS
Band4	1413	1	NV	-10	-5.23	-0.003019	±2.5	PASS
Band4	1413	1	NV	0	-3.28	-0.001893	±2.5	PASS
Band4	1413	1	NV	10	-6.32	-0.003648	±2.5	PASS
Band4	1413	1	NV	20	-5.28	-0.003047	±2.5	PASS
Band4	1413	1	NV	30	-4.35	-0.002511	±2.5	PASS
Band4	1413	1	NV	40	-5.46	-0.003151	±2.5	PASS
Band4	1413	1	NV	50	-3.68	-0.002124	±2.5	PASS
Band4	1413	2	NV	-30	-4.28	-0.002470	±2.5	PASS
Band4	1413	2	NV	-20	-9.91	-0.005720	±2.5	PASS
Band4	1413	2	NV	-10	-5.24	-0.003024	±2.5	PASS
Band4	1413	2	NV	0	-3.88	-0.002239	±2.5	PASS
Band4	1413	2	NV	10	-1.56	-0.000900	±2.5	PASS
Band4	1413	2	NV	20	-7.57	-0.004369	±2.5	PASS
Band4	1413	2	NV	30	-4.35	-0.002511	±2.5	PASS
Band4	1413	2	NV	40	-6.39	-0.003688	±2.5	PASS
Band4	1413	2	NV	50	-5.49	-0.003169	±2.5	PASS
Band4	1413	3	NV	-30	-7.01	-0.004046	±2.5	PASS
Band4	1413	3	NV	-20	-4.22	-0.002436	±2.5	PASS
Band4	1413	3	NV	-10	-6.41	-0.003700	±2.5	PASS
Band4	1413	3	NV	0	-4.41	-0.002545	±2.5	PASS
Band4	1413	3	NV	10	-2.64	-0.001524	±2.5	PASS
Band4	1413	3	NV	20	-4.38	-0.002528	±2.5	PASS
Band4	1413	3	NV	30	-4.11	-0.002372	±2.5	PASS
Band4	1413	3	NV	40	-3.03	-0.001749	±2.5	PASS
Band4	1413	3	NV	50	-2.13	-0.001229	±2.5	PASS
Band4	1413	4	NV	-30	-6.55	-0.003780	±2.5	PASS
Band4	1413	4	NV	-20	-3.52	-0.002032	±2.5	PASS
Band4	1413	4	NV	-10	-7.67	-0.004427	±2.5	PASS
Band4	1413	4	NV	0	-5.16	-0.002978	±2.5	PASS
Band4	1413	4	NV	10	-6.00	-0.003463	±2.5	PASS
Band4	1413	4	NV	20	-3.85	-0.002222	±2.5	PASS
Band4	1413	4	NV	30	-2.11	-0.001218	±2.5	PASS

Band4	1413	4	NV	40	-4.66	-0.002690	±2.5	PASS
Band4	1413	4	NV	50	-0.09	-0.000052	±2.5	PASS
Band4	1413	5	NV	-30	-6.54	-0.003775	±2.5	PASS
Band4	1413	5	NV	-20	-6.96	-0.004017	±2.5	PASS
Band4	1413	5	NV	-10	-3.28	-0.001893	±2.5	PASS
Band4	1413	5	NV	0	-6.27	-0.003619	±2.5	PASS
Band4	1413	5	NV	10	-3.50	-0.002020	±2.5	PASS
Band4	1413	5	NV	20	-1.38	-0.000796	±2.5	PASS
Band4	1413	5	NV	30	-2.95	-0.001703	±2.5	PASS
Band4	1413	5	NV	40	-6.37	-0.003677	±2.5	PASS
Band4	1413	5	NV	50	-4.06	-0.002343	±2.5	PASS
Band4	1513	1	NV	-30	-5.93	-0.003384	±2.5	PASS
Band4	1513	1	NV	-20	-3.41	-0.001946	±2.5	PASS
Band4	1513	1	NV	-10	-8.35	-0.004764	±2.5	PASS
Band4	1513	1	NV	0	-3.85	-0.002197	±2.5	PASS
Band4	1513	1	NV	10	-4.04	-0.002305	±2.5	PASS
Band4	1513	1	NV	20	-1.90	-0.001084	±2.5	PASS
Band4	1513	1	NV	30	-4.28	-0.002442	±2.5	PASS
Band4	1513	1	NV	40	-3.76	-0.002145	±2.5	PASS
Band4	1513	1	NV	50	-6.79	-0.003874	±2.5	PASS
Band4	1513	2	NV	-30	-3.64	-0.002077	±2.5	PASS
Band4	1513	2	NV	-20	-7.73	-0.004411	±2.5	PASS
Band4	1513	2	NV	-10	-5.04	-0.002876	±2.5	PASS
Band4	1513	2	NV	0	-9.25	-0.005278	±2.5	PASS
Band4	1513	2	NV	10	-4.39	-0.002505	±2.5	PASS
Band4	1513	2	NV	20	-3.25	-0.001854	±2.5	PASS
Band4	1513	2	NV	30	-2.37	-0.001352	±2.5	PASS
Band4	1513	2	NV	40	-5.98	-0.003412	±2.5	PASS
Band4	1513	2	NV	50	-2.39	-0.001364	±2.5	PASS
Band4	1513	3	NV	-30	-3.44	-0.001963	±2.5	PASS
Band4	1513	3	NV	-20	-5.32	-0.003035	±2.5	PASS
Band4	1513	3	NV	-10	-6.80	-0.003880	±2.5	PASS
Band4	1513	3	NV	0	-4.43	-0.002528	±2.5	PASS
Band4	1513	3	NV	10	-4.23	-0.002414	±2.5	PASS
Band4	1513	3	NV	20	-6.07	-0.003463	±2.5	PASS
Band4	1513	3	NV	30	-6.45	-0.003680	±2.5	PASS
Band4	1513	3	NV	40	-1.57	-0.000896	±2.5	PASS
Band4	1513	3	NV	50	-3.06	-0.001746	±2.5	PASS
Band4	1513	4	NV	-30	-6.67	-0.003806	±2.5	PASS
Band4	1513	4	NV	-20	-4.82	-0.002750	±2.5	PASS
Band4	1513	4	NV	-10	-3.39	-0.001934	±2.5	PASS

Band4	1513	4	NV	0	-6.10	-0.003481	±2.5	PASS
Band4	1513	4	NV	10	-4.64	-0.002647	±2.5	PASS
Band4	1513	4	NV	20	-3.15	-0.001797	±2.5	PASS
Band4	1513	4	NV	30	-3.39	-0.001934	±2.5	PASS
Band4	1513	4	NV	40	-2.60	-0.001484	±2.5	PASS
Band4	1513	4	NV	50	-1.79	-0.001021	±2.5	PASS
Band4	1513	5	NV	-30	-3.14	-0.001792	±2.5	PASS
Band4	1513	5	NV	-20	-5.59	-0.003190	±2.5	PASS
Band4	1513	5	NV	-10	-3.54	-0.002020	±2.5	PASS
Band4	1513	5	NV	0	-5.79	-0.003304	±2.5	PASS
Band4	1513	5	NV	10	-2.98	-0.001700	±2.5	PASS
Band4	1513	5	NV	20	-4.78	-0.002727	±2.5	PASS
Band4	1513	5	NV	30	-5.84	-0.003332	±2.5	PASS
Band4	1513	5	NV	40	-4.34	-0.002476	±2.5	PASS
Band4	1513	5	NV	50	-3.30	-0.001883	±2.5	PASS