

WCDMA B5 Test Data

AppendixA: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Channel	Power(dBm)	Limit(dBm)	Verdict
Band5	4132	23.80	38.45	PASS
Band5	4182	24.06	38.45	PASS
Band5	4233	24.23	38.45	PASS

Band	Channel	SubTest	Power(dBm)	Limit(dBm)	Verdict
Band5	4132	1	21.26	38.5	PASS
Band5	4132	2	20.82	38.5	PASS
Band5	4132	3	20.78	38.5	PASS
Band5	4132	4	20.73	38.5	PASS
Band5	4182	1	21.70	38.5	PASS
Band5	4182	2	21.16	38.5	PASS
Band5	4182	3	21.09	38.5	PASS
Band5	4182	4	21.04	38.5	PASS
Band5	4233	1	21.81	38.5	PASS
Band5	4233	2	21.34	38.5	PASS
Band5	4233	3	21.24	38.5	PASS
Band5	4233	4	21.21	38.5	PASS

Band	Channel	SubTest	Power(dBm)	Limit(dBm)	Verdict
Band5	4132	1	19.81	38.5	PASS
Band5	4132	2	19.96	38.5	PASS
Band5	4132	3	20.47	38.5	PASS
Band5	4132	4	19.50	38.5	PASS
Band5	4132	5	21.35	38.5	PASS
Band5	4182	1	20.12	38.5	PASS
Band5	4182	2	20.26	38.5	PASS
Band5	4182	3	20.78	38.5	PASS
Band5	4182	4	19.76	38.5	PASS
Band5	4182	5	21.64	38.5	PASS
Band5	4233	1	20.27	38.5	PASS
Band5	4233	2	20.38	38.5	PASS

Band5	4233	3	20.98	38.5	PASS
Band5	4233	4	19.99	38.5	PASS
Band5	4233	5	21.82	38.5	PASS

AppendixB:Peak-to-Average Ratio

Test Result

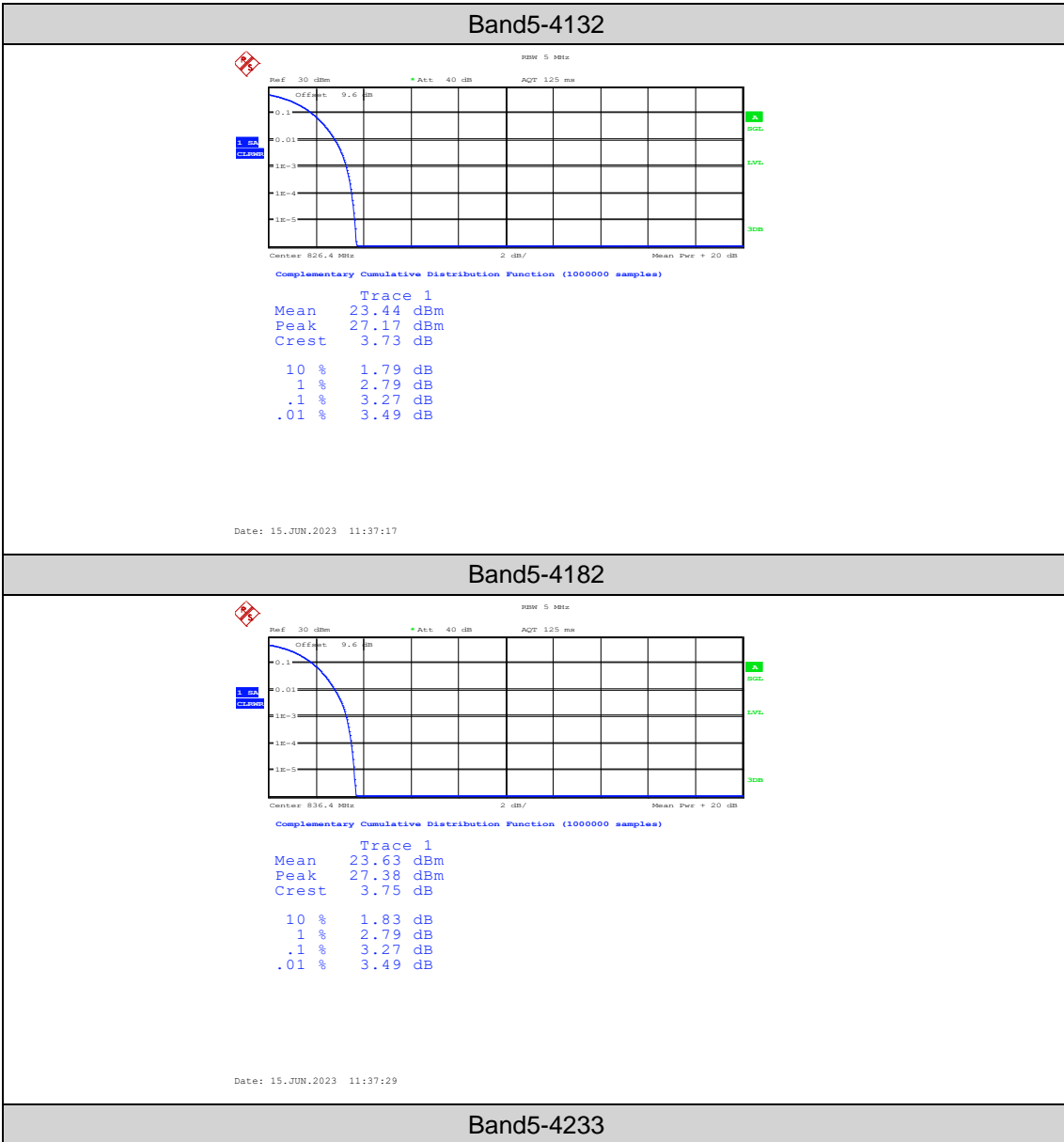
Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band5	4132	3.27	13	PASS
Band5	4182	3.27	13	PASS
Band5	4233	3.3	13	PASS

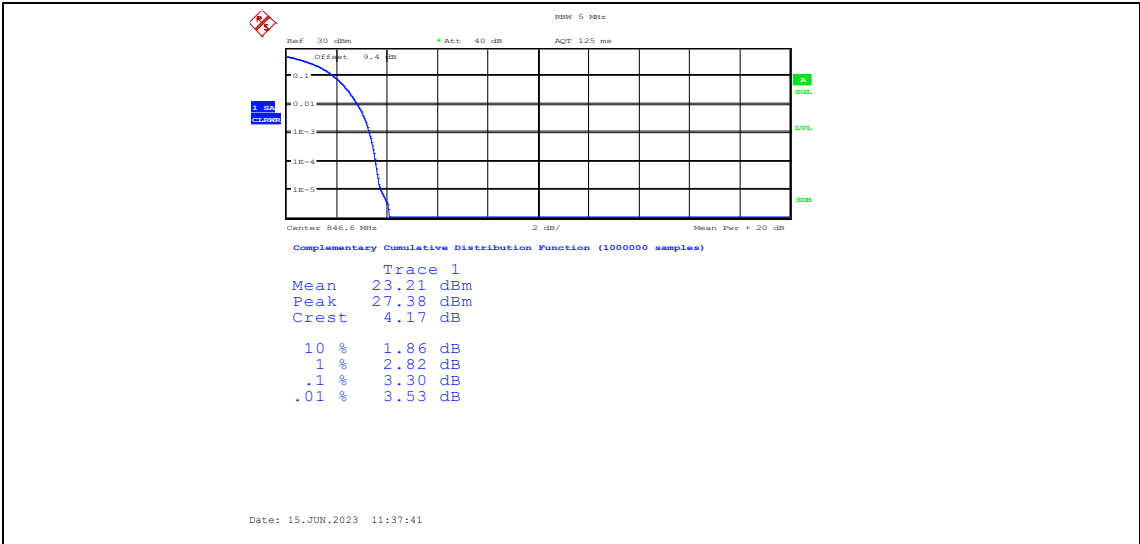
Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band5	4132	1	3.53	13	PASS
Band5	4132	2	3.53	13	PASS
Band5	4132	3	4.13	13	PASS
Band5	4132	4	4.2	13	PASS
Band5	4182	1	3.56	13	PASS
Band5	4182	2	3.56	13	PASS
Band5	4182	3	4.2	13	PASS
Band5	4182	4	4.23	13	PASS
Band5	4233	1	3.62	13	PASS
Band5	4233	2	3.62	13	PASS
Band5	4233	3	4.26	13	PASS
Band5	4233	4	4.36	13	PASS

Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band5	4132	1	4.65	13	PASS
Band5	4132	2	5.74	13	PASS
Band5	4132	3	5.29	13	PASS
Band5	4132	4	5.74	13	PASS
Band5	4132	5	4.62	13	PASS
Band5	4182	1	4.68	13	PASS
Band5	4182	2	5.71	13	PASS
Band5	4182	3	5.29	13	PASS
Band5	4182	4	5.74	13	PASS
Band5	4182	5	4.62	13	PASS
Band5	4233	1	4.71	13	PASS
Band5	4233	2	5.74	13	PASS
Band5	4233	3	5.29	13	PASS

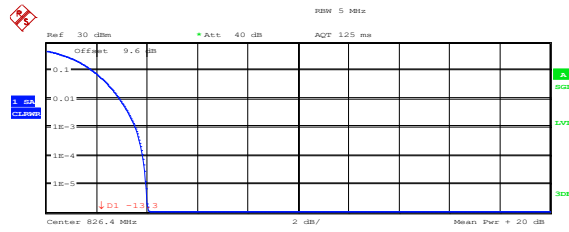
Band5	4233	4	5.8	13	PASS
Band5	4233	5	4.68	13	PASS

Test Graphs





Band5-4132-1



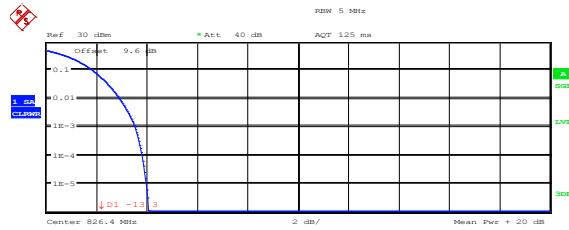
Complementary Cumulative Distribution Function (1000000 samples)

Trace 1
 Mean 21.13 dBm
 Peak 25.33 dBm
 Crest 4.21 dB

10 %	1.83 dB
1 %	2.92 dB
.1 %	3.53 dB
.01 %	3.81 dB

Date: 15.JUN.2023 11:51:35

Band5-4132-2



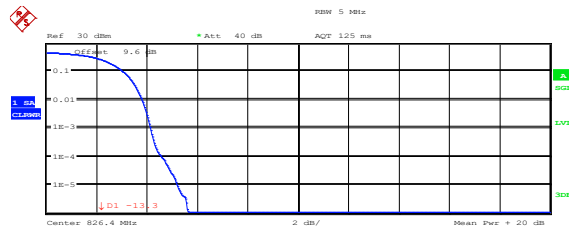
Complementary Cumulative Distribution Function (1000000 samples)

Trace 1
 Mean 21.14 dBm
 Peak 25.26 dBm
 Crest 4.13 dB

10 %	1.83 dB
1 %	2.92 dB
.1 %	3.53 dB
.01 %	3.81 dB

Date: 15.JUN.2023 11:52:33

Band5-4132-3



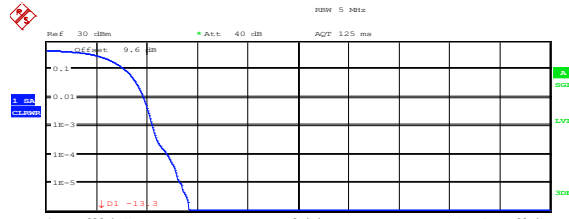
Complementary Cumulative Distribution Function (1000000 samples)

Trace 1
 Mean 20.50 dBm
 Peak 26.18 dBm
 Crest 5.68 dB

10 %	3.04 dB
1 %	3.81 dB
.1 %	4.13 dB
.01 %	4.55 dB

Date: 15.JUN.2023 11:53:35

Band5-4132-4



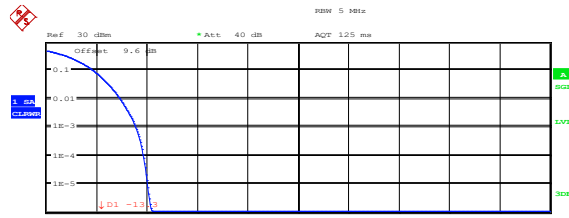
Complementary Cumulative Distribution Function (1000000 samples)

Trace 1
 Mean 20.41 dBm
 Peak 26.11 dBm
 Crest 5.70 dB

10 %	3.08 dB
1 %	3.85 dB
.1 %	4.20 dB
.01 %	4.78 dB

Date: 15.JUN.2023 11:54:36

Band5-4182-1



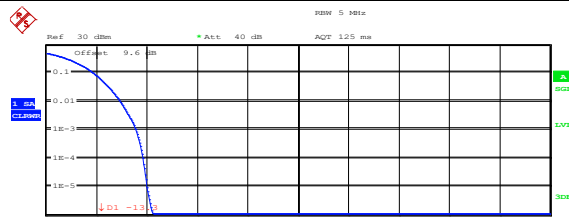
Complementary Cumulative Distribution Function (1000000 samples)

Trace 1
 Mean 21.29 dBm
 Peak 25.55 dBm
 Crest 4.26 dB

10 %	1.86 dB
1 %	2.92 dB
.1 %	3.56 dB
.01 %	3.85 dB

Date: 15.JUN.2023 11:51:50

Band5-4182-2



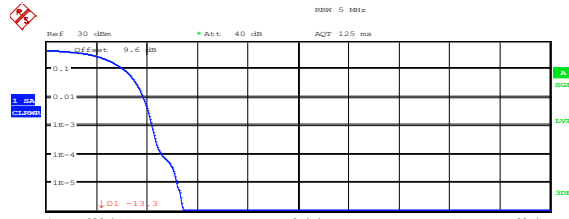
Complementary Cumulative Distribution Function (1000000 samples)

Trace 1
 Mean 21.19 dBm
 Peak 25.48 dBm
 Crest 4.29 dB

10 %	1.86 dB
1 %	2.92 dB
.1 %	3.56 dB
.01 %	3.85 dB

Date: 15.JUN.2023 11:52:48

Band5-4182-3



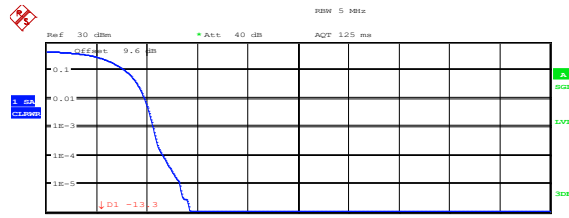
Complementary Cumulative Distribution Function (1000000 samples)

Trace 1
 Mean 20.61 dBm
 Peak 26.11 dBm
 Crest 5.50 dB

10 %	3.04 dB
1 %	3.85 dB
.1 %	4.20 dB
.01 %	4.58 dB

Date: 15.JUN.2023 11:53:50

Band5-4182-4



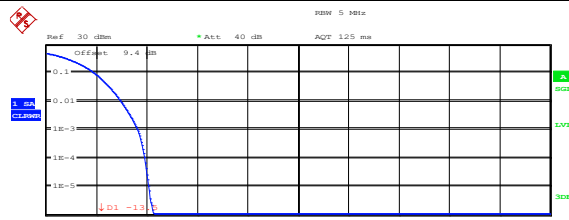
Complementary Cumulative Distribution Function (1000000 samples)

Trace 1
 Mean 20.62 dBm
 Peak 26.39 dBm
 Crest 5.77 dB

10 %	3.11 dB
1 %	3.91 dB
.1 %	4.23 dB
.01 %	4.62 dB

Date: 15.JUN.2023 11:54:51

Band5-4233-1



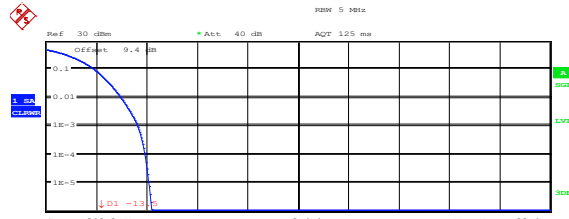
Complementary Cumulative Distribution Function (1000000 samples)

Trace 1
 Mean 20.92 dBm
 Peak 25.19 dBm
 Crest 4.27 dB

10 %	1.89 dB
1 %	2.95 dB
.1 %	3.62 dB
.01 %	3.91 dB

Date: 15.JUN.2023 11:52:05

Band5-4233-2

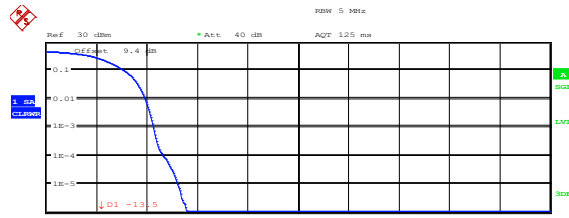


Complementary Cumulative Distribution Function (1000000 samples)

Trace 1
 Mean 20.86 dBm
 Peak 25.05 dBm
 Crest 4.20 dB
 10 % 1.89 dB
 1 % 2.95 dB
 .1 % 3.62 dB
 .01 % 3.91 dB

Date: 15.JUN.2023 11:53:03

Band5-4233-3

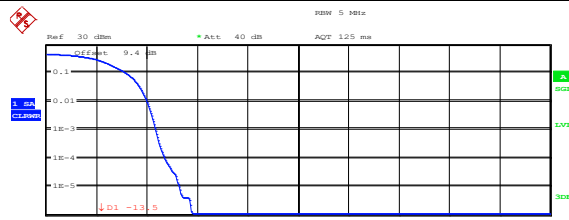


Complementary Cumulative Distribution Function (1000000 samples)

Trace 1
 Mean 20.24 dBm
 Peak 25.83 dBm
 Crest 5.59 dB
 10 % 3.08 dB
 1 % 3.91 dB
 .1 % 4.26 dB
 .01 % 4.62 dB

Date: 15.JUN.2023 11:54:05

Band5-4233-4



Complementary Cumulative Distribution Function (1000000 samples)

Trace 1
 Mean 20.20 dBm
 Peak 26.11 dBm
 Crest 5.91 dB
 10 % 3.14 dB
 1 % 3.97 dB
 .1 % 4.36 dB
 .01 % 4.71 dB

Date: 15.JUN.2023 11:55:06

Band5-4132-1



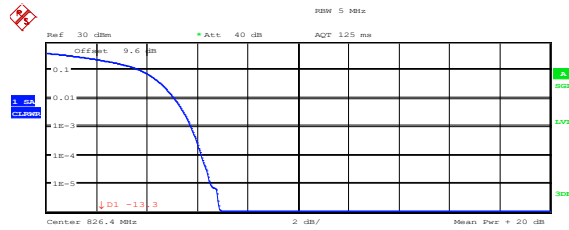
Complementary Cumulative Distribution Function (1000000 samples)

Trace 1
 Mean 19.52 dBm
 Peak 25.26 dBm
 Crest 5.74 dB

10 %	2.56 dB
1 %	3.91 dB
.1 %	4.65 dB
.01 %	5.13 dB

Date: 15.JUN.2023 12:41:17

Band5-4132-2



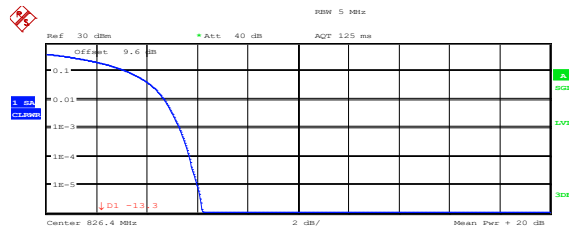
Complementary Cumulative Distribution Function (1000000 samples)

Trace 1
 Mean 19.64 dBm
 Peak 26.82 dBm
 Crest 7.18 dB

10 %	3.75 dB
1 %	5.06 dB
.1 %	5.74 dB
.01 %	6.15 dB

Date: 15.JUN.2023 12:43:58

Band5-4132-3



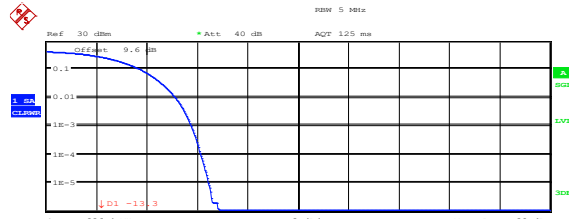
Complementary Cumulative Distribution Function (1000000 samples)

Trace 1
 Mean 20.14 dBm
 Peak 26.39 dBm
 Crest 6.26 dB

10 %	3.21 dB
1 %	4.68 dB
.1 %	5.29 dB
.01 %	5.67 dB

Date: 15.JUN.2023 12:46:31

Band5-4132-4



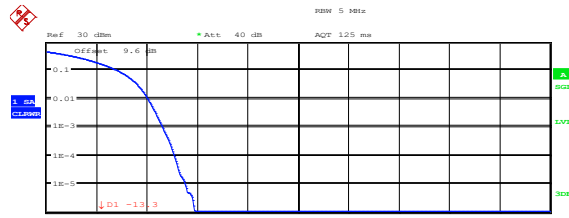
Complementary Cumulative Distribution Function (1000000 samples)

Trace 1
 Mean 19.18 dBm
 Peak 26.04 dBm
 Crest 6.86 dB

10 % 3.72 dB
 1 % 5.13 dB
 .1 % 5.74 dB
 .01 % 6.12 dB

Date: 15.JUN.2023 12:49:10

Band5-4132-5



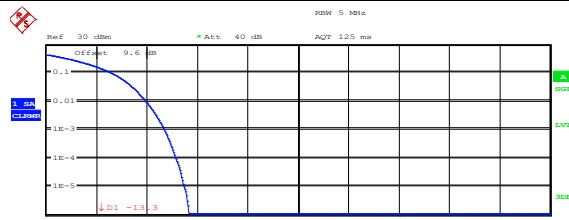
Complementary Cumulative Distribution Function (1000000 samples)

Trace 1
 Mean 21.01 dBm
 Peak 27.31 dBm
 Crest 6.30 dB

10 % 2.82 dB
 1 % 4.01 dB
 .1 % 4.62 dB
 .01 % 5.10 dB

Date: 15.JUN.2023 12:51:22

Band5-4182-1



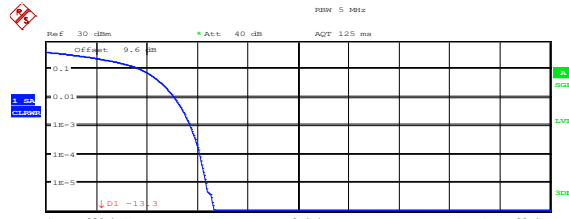
Complementary Cumulative Distribution Function (1000000 samples)

Trace 1
 Mean 19.67 dBm
 Peak 25.40 dBm
 Crest 5.74 dB

10 % 2.60 dB
 1 % 3.94 dB
 .1 % 4.68 dB
 .01 % 5.13 dB

Date: 15.JUN.2023 12:42:12

Band5-4182-2

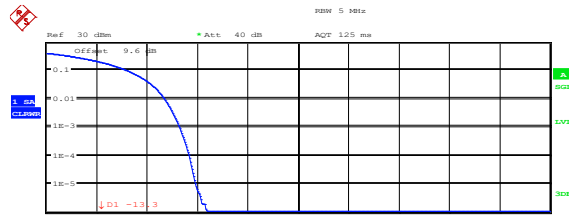


Complementary Cumulative Distribution Function (1000000 samples)

Trace 1	
Mean	19.80 dBm
Peak	26.53 dBm
Crest	6.73 dB
10 %	3.75 dB
1 %	5.06 dB
.1 %	5.71 dB
.01 %	6.09 dB

Date: 15.JUN.2023 12:44:47

Band5-4182-3

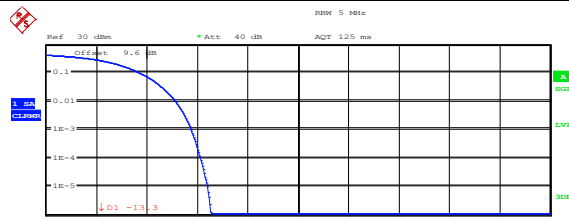


Complementary Cumulative Distribution Function (1000000 samples)

Trace 1	
Mean	20.29 dBm
Peak	26.67 dBm
Crest	6.38 dB
10 %	3.21 dB
1 %	4.68 dB
.1 %	5.29 dB
.01 %	5.67 dB

Date: 15.JUN.2023 12:47:23

Band5-4182-4

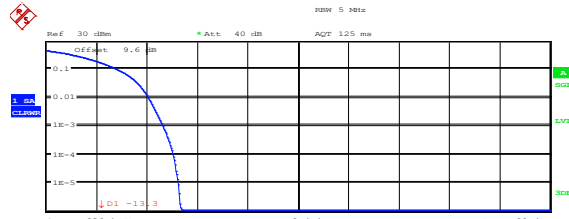


Complementary Cumulative Distribution Function (1000000 samples)

Trace 1	
Mean	19.33 dBm
Peak	25.90 dBm
Crest	6.57 dB
10 %	3.72 dB
1 %	5.13 dB
.1 %	5.74 dB
.01 %	6.12 dB

Date: 15.JUN.2023 12:50:01

Band5-4182-5

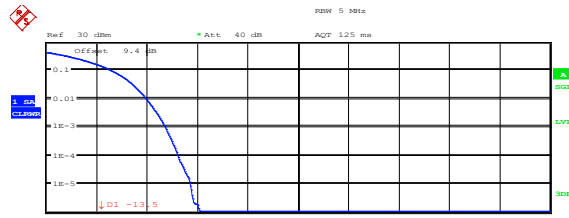


Complementary Cumulative Distribution Function (1000000 samples)

Trace 1
 Mean 21.17 dBm
 Peak 26.60 dBm
 Crest 5.43 dB
 10 % 2.82 dB
 1 % 4.04 dB
 .1 % 4.62 dB
 .01 % 5.03 dB

Date: 15.JUN.2023 12:51:42

Band5-4233-1

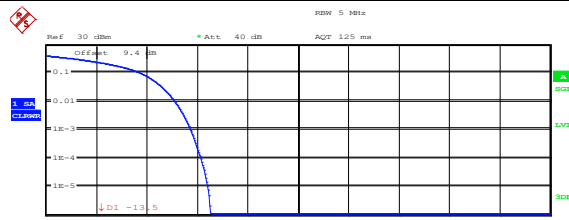


Complementary Cumulative Distribution Function (1000000 samples)

Trace 1
 Mean 19.33 dBm
 Peak 25.90 dBm
 Crest 6.56 dB
 10 % 2.60 dB
 1 % 3.94 dB
 .1 % 4.71 dB
 .01 % 5.22 dB

Date: 15.JUN.2023 12:43:00

Band5-4233-2

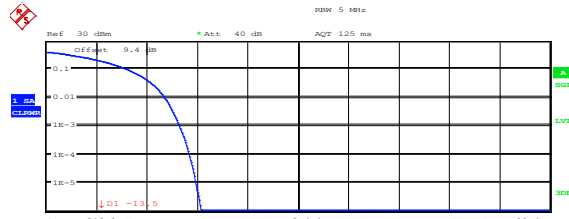


Complementary Cumulative Distribution Function (1000000 samples)

Trace 1
 Mean 19.48 dBm
 Peak 26.04 dBm
 Crest 6.56 dB
 10 % 3.75 dB
 1 % 5.10 dB
 .1 % 5.74 dB
 .01 % 6.12 dB

Date: 15.JUN.2023 12:45:45

Band5-4233-3

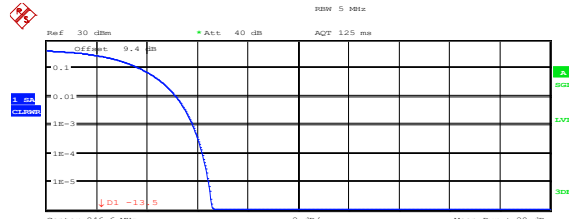


Complementary Cumulative Distribution Function (1000000 samples)

Trace 1	
Mean	19.98 dBm
Peak	26.25 dBm
Crest	6.27 dB
10 %	3.21 dB
1 %	4.68 dB
.1 %	5.29 dB
.01 %	5.67 dB

Date: 15.JUN.2023 12:48:09

Band5-4233-4

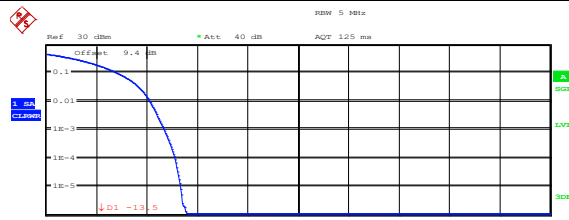


Complementary Cumulative Distribution Function (1000000 samples)

Trace 1	
Mean	19.01 dBm
Peak	25.76 dBm
Crest	6.74 dB
10 %	3.72 dB
1 %	5.13 dB
.1 %	5.80 dB
.01 %	6.19 dB

Date: 15.JUN.2023 12:50:52

Band5-4233-5



Complementary Cumulative Distribution Function (1000000 samples)

Trace 1	
Mean	20.84 dBm
Peak	26.53 dBm
Crest	5.69 dB
10 %	2.82 dB
1 %	4.10 dB
.1 %	4.68 dB
.01 %	5.10 dB

Date: 15.JUN.2023 12:52:03

AppendixC:26dB Bandwidth andOccupied Bandwidth

Test Result

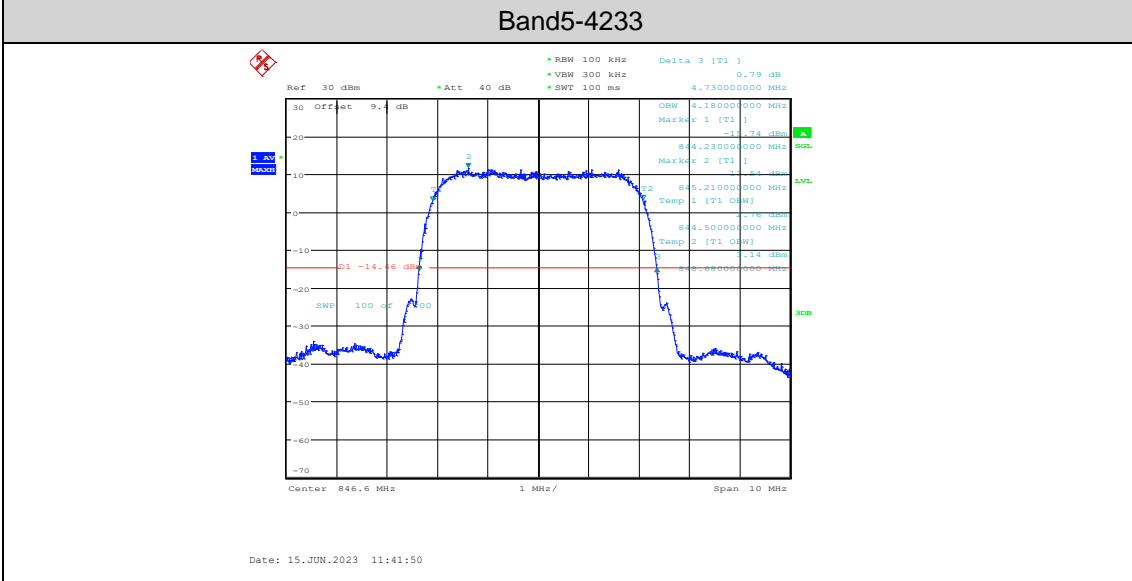
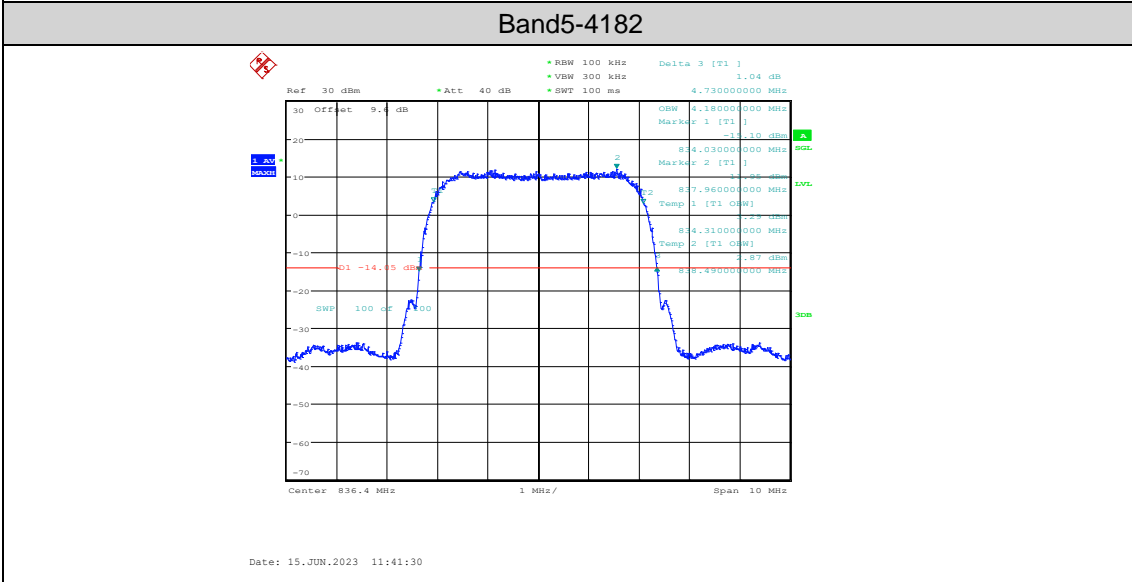
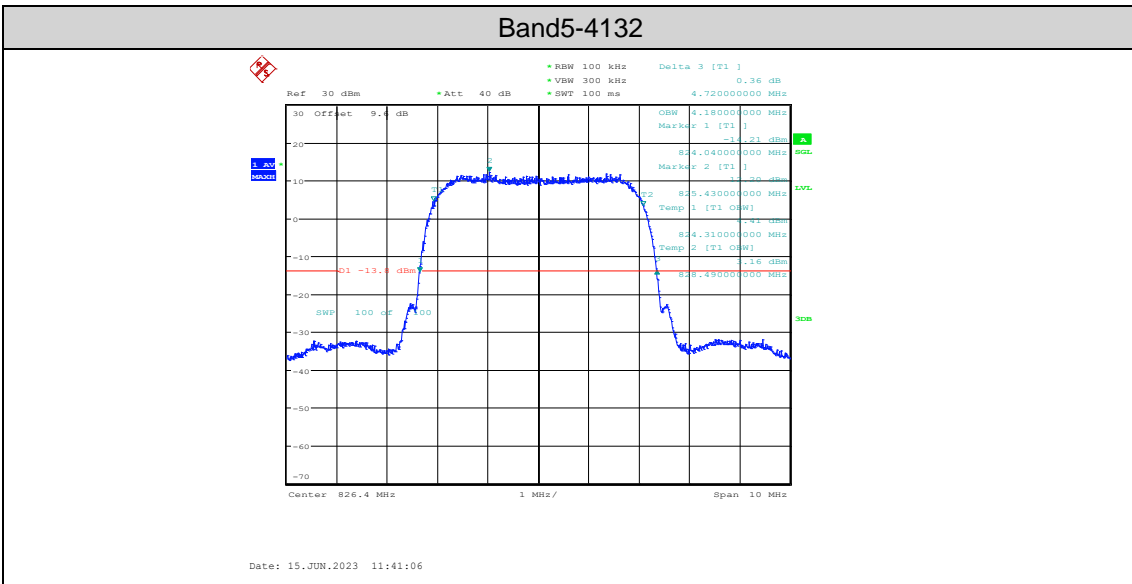
Band	Channel	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
Band5	4132	4.18	4.72	---	PASS
Band5	4182	4.18	4.73	---	PASS
Band5	4233	4.18	4.73	---	PASS

Band	Channel	SubTest	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
Band5	4132	1	4.174	4.66	---	PASS
Band5	4132	2	4.18	4.72	---	PASS
Band5	4132	3	4.19	4.72	---	PASS
Band5	4132	4	4.19	4.73	---	PASS
Band5	4182	1	4.19	4.72	---	PASS
Band5	4182	2	4.18	4.73	---	PASS
Band5	4182	3	4.19	4.73	---	PASS
Band5	4182	4	4.19	4.73	---	PASS
Band5	4233	1	4.19	4.72	---	PASS
Band5	4233	2	4.18	4.73	---	PASS
Band5	4233	3	4.18	4.73	---	PASS
Band5	4233	4	4.18	4.72	---	PASS

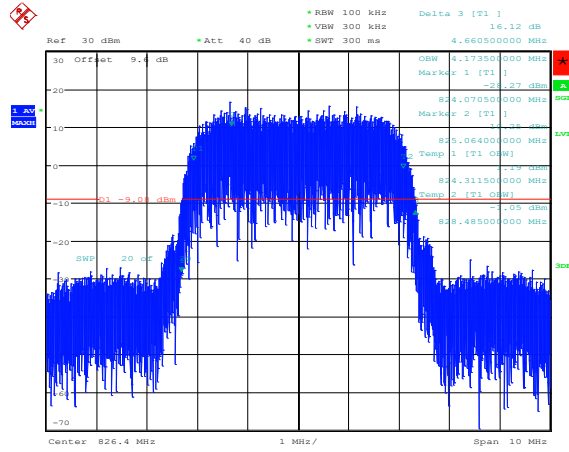
Band	Channel	SubTest	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
Band5	4132	1	4.18	4.72	---	PASS
Band5	4132	2	4.19	4.74	---	PASS
Band5	4132	3	4.18	4.72	---	PASS
Band5	4132	4	4.19	4.74	---	PASS
Band5	4132	5	4.18	4.72	---	PASS
Band5	4182	1	4.19	4.72	---	PASS
Band5	4182	2	4.2	4.75	---	PASS
Band5	4182	3	4.18	4.72	---	PASS
Band5	4182	4	4.2	4.73	---	PASS
Band5	4182	5	4.18	4.73	---	PASS
Band5	4233	1	4.18	4.73	---	PASS

Band5	4233	2	4.2	4.73	---	PASS
Band5	4233	3	4.19	4.73	---	PASS
Band5	4233	4	4.2	4.75	---	PASS
Band5	4233	5	4.18	4.72	---	PASS

Test Graphs

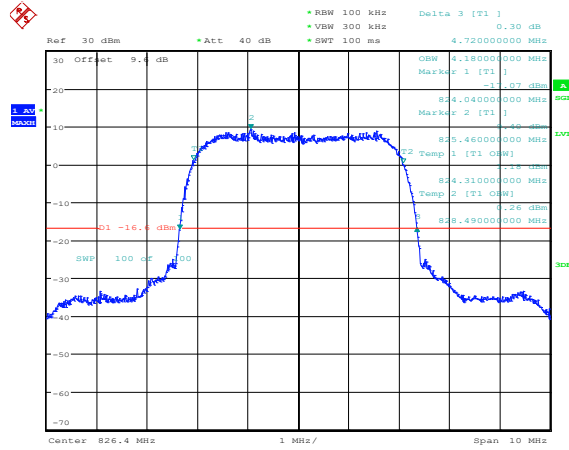


Band5-4132-1



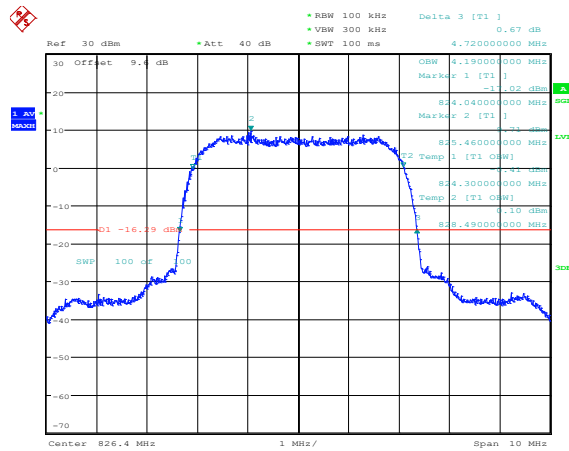
Date: 15.JUN.2023 12:08:50

Band5-4132-2



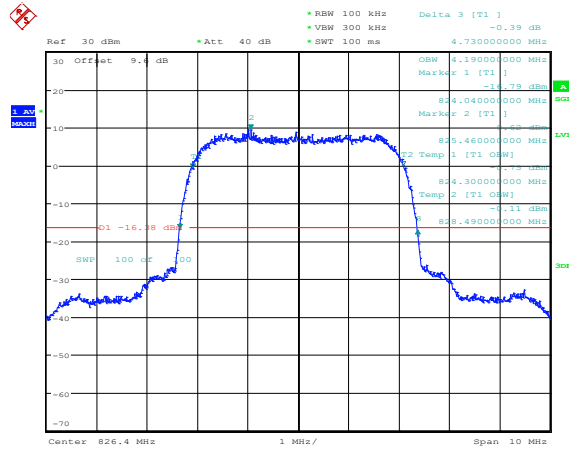
Date: 15.JUN.2023 12:10:17

Band5-4132-3



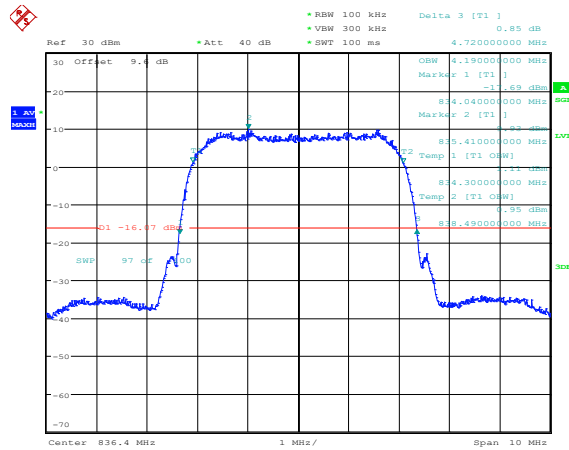
Date: 15.JUN.2023 12:11:44

Band5-4132-4



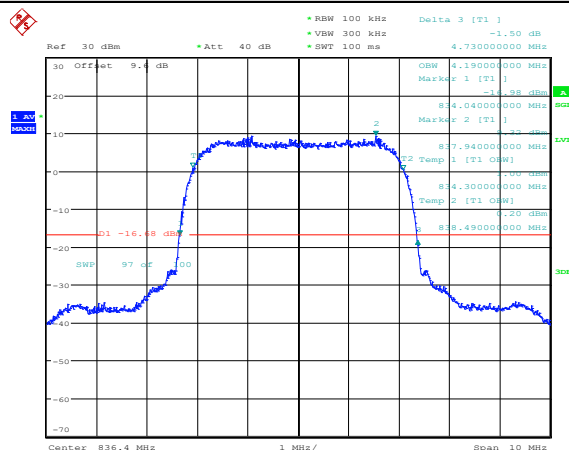
Date: 15.JUN.2023 12:13:11

Band5-4182-1



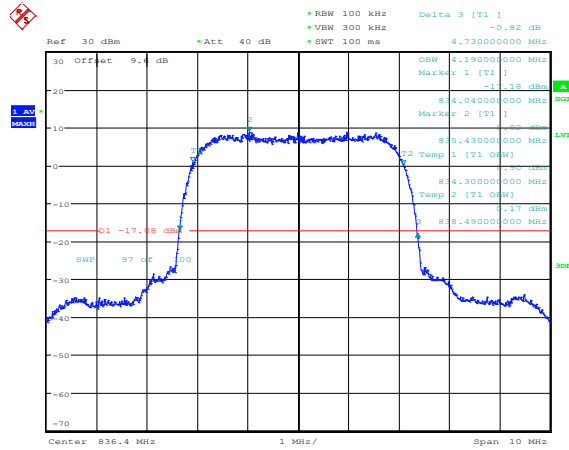
Date: 15.JUN.2023 12:09:14

Band5-4182-2



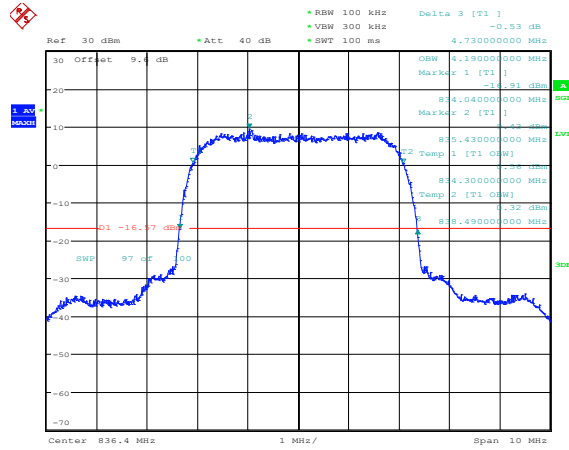
Date: 15.JUN.2023 12:10:41

Band5-4182-3



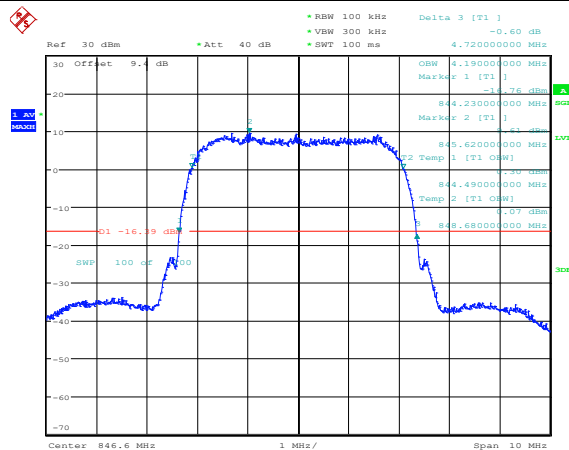
Date: 15.JUN.2023 12:12:08

Band5-4182-4



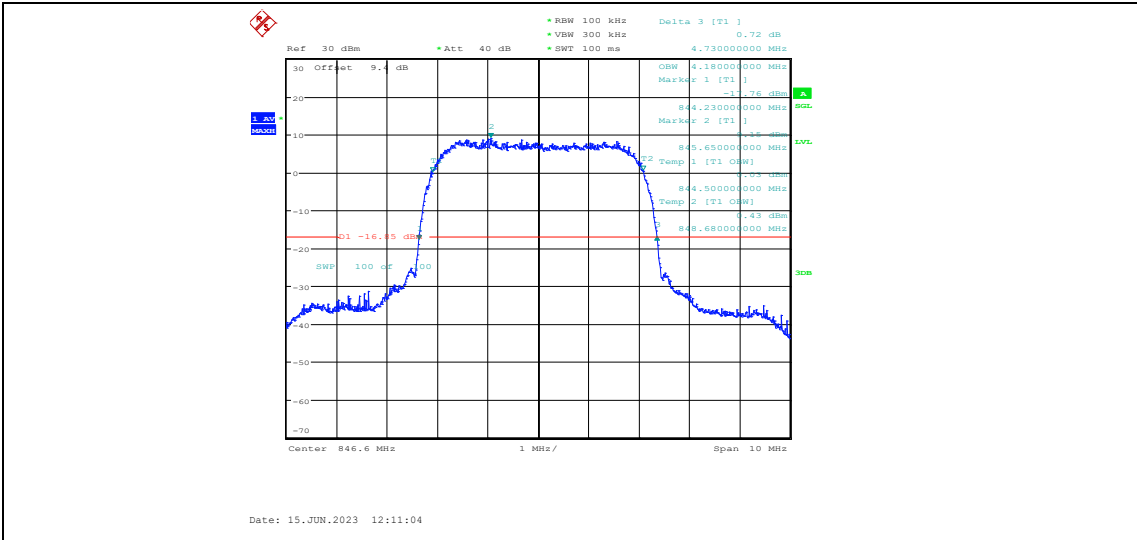
Date: 15.JUN.2023 12:13:34

Band5-4233-1

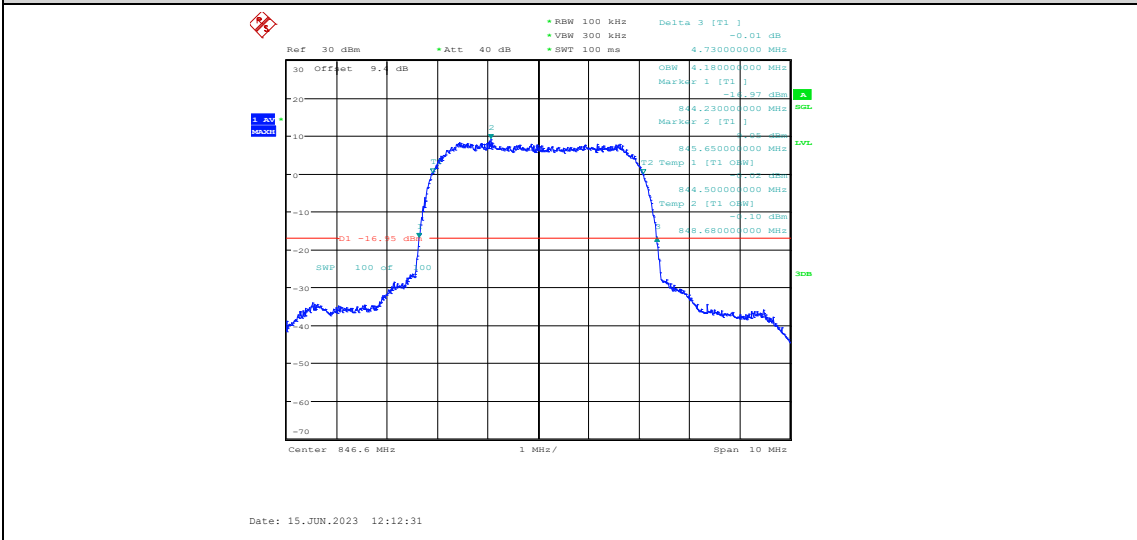


Date: 15.JUN.2023 12:09:38

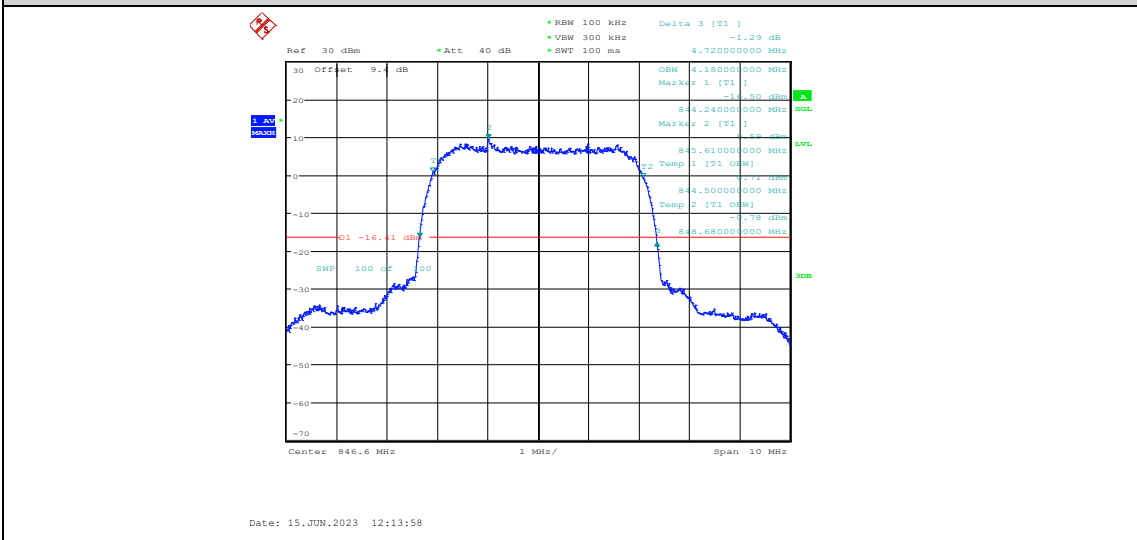
Band5-4233-2



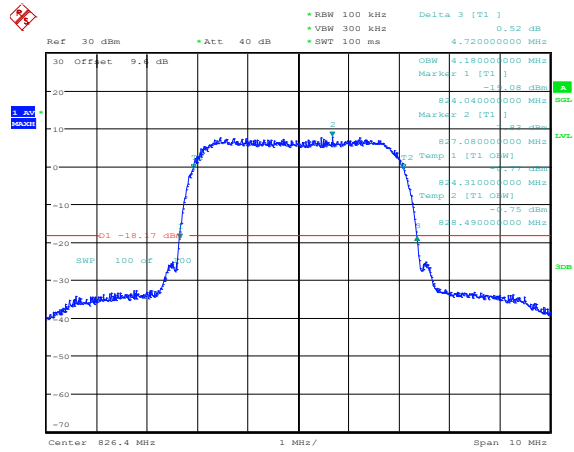
Band5-4233-3



Band5-4233-4

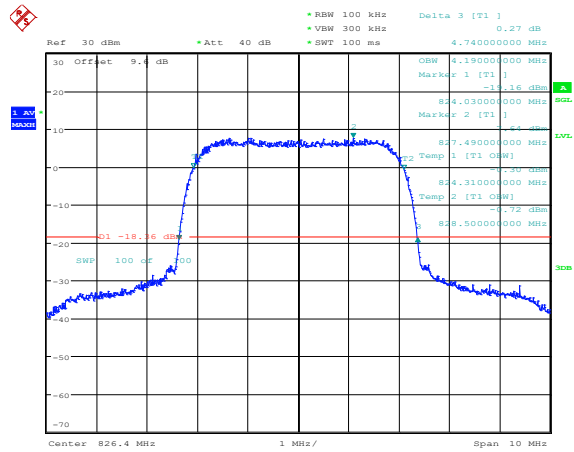


Band5-4132-1



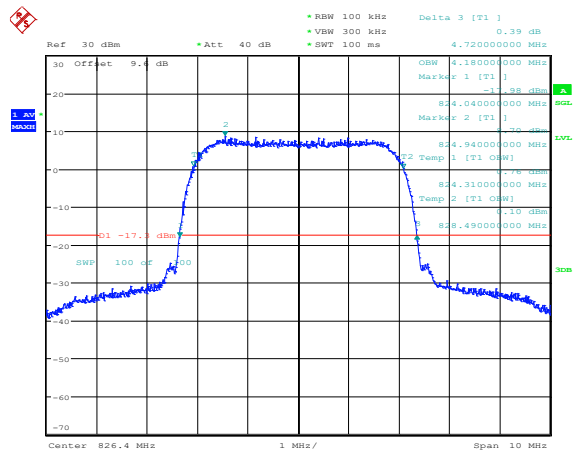
Date: 15.JUN.2023 13:37:05

Band5-4132-2



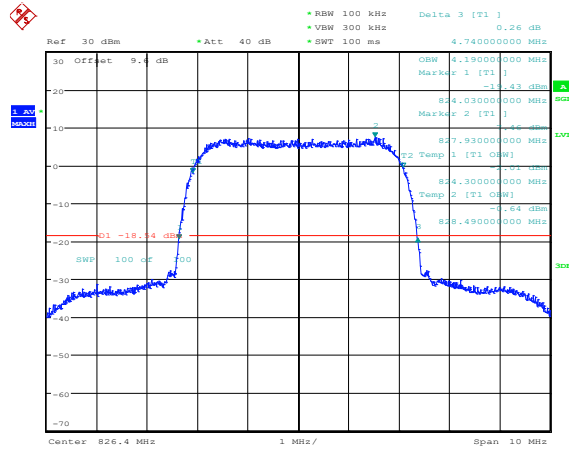
Date: 15.JUN.2023 13:40:36

Band5-4132-3



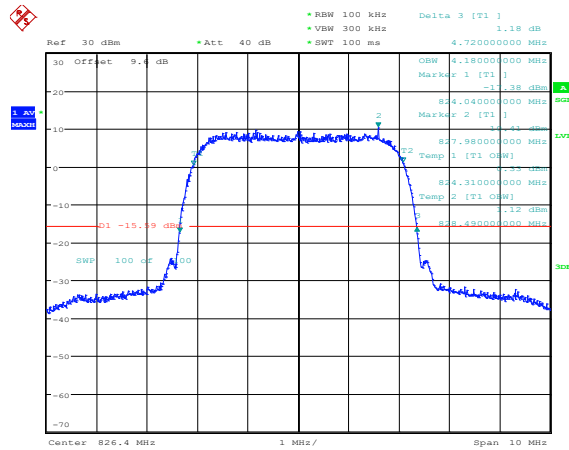
Date: 15.JUN.2023 13:44:20

Band5-4132-4



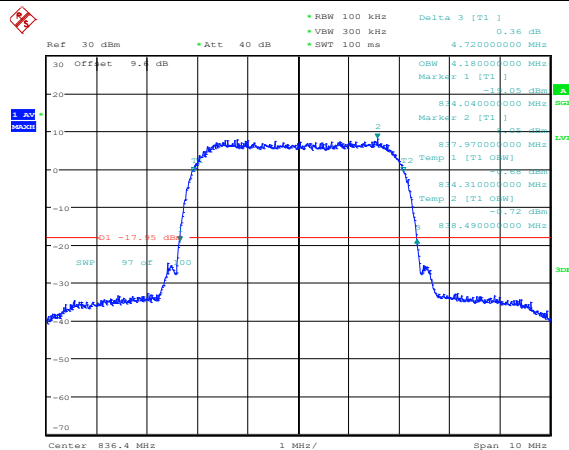
Date: 15.JUN.2023 13:48:18

Band5-4132-5



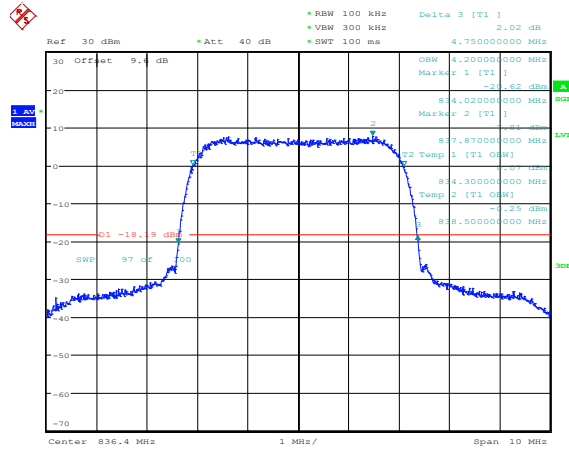
Date: 15.JUN.2023 13:51:15

Band5-4182-1



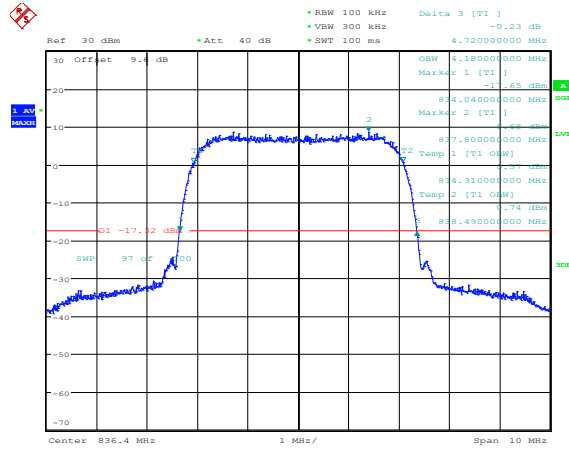
Date: 15.JUN.2023 13:38:25

Band5-4182-2



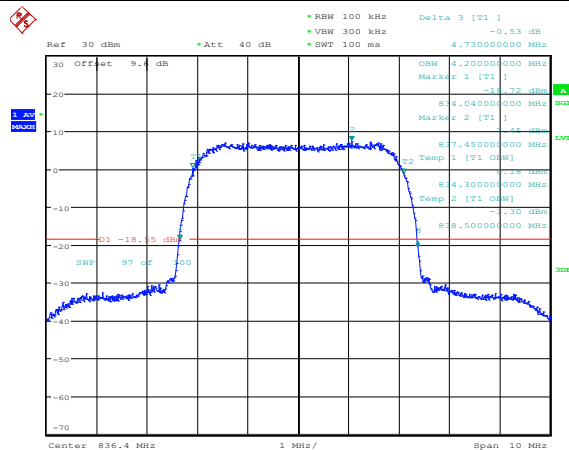
Date: 15.JUN.2023 13:41:47

Band5-4182-3



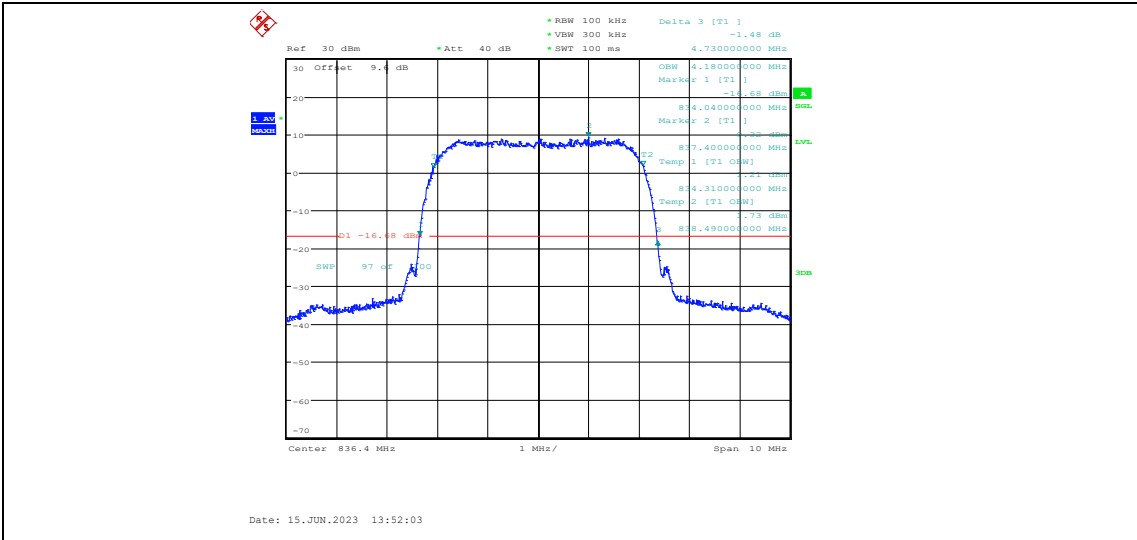
Date: 15.JUN.2023 13:45:46

Band5-4182-4

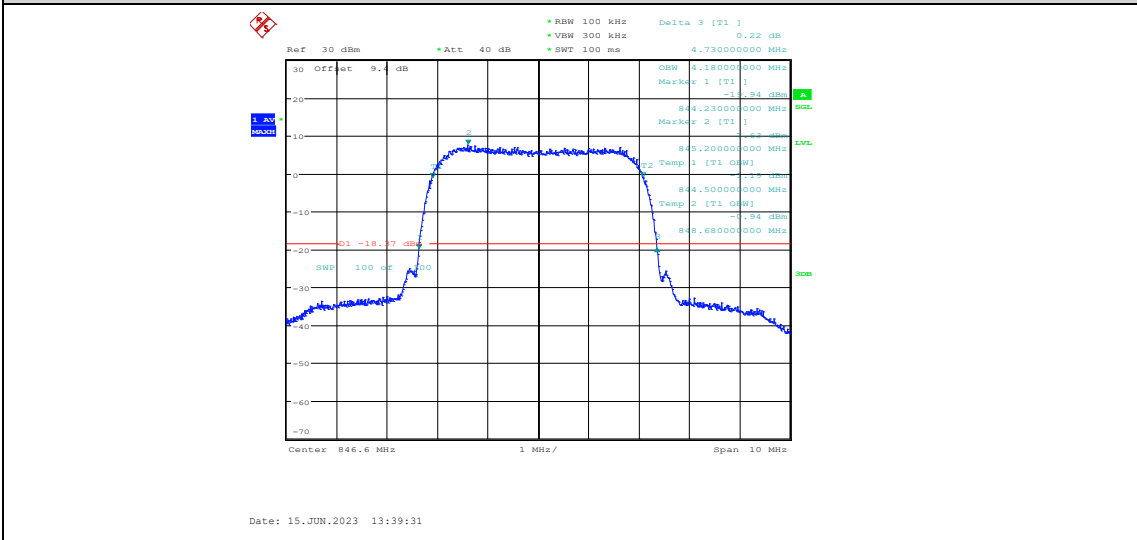


Date: 15.JUN.2023 13:49:28

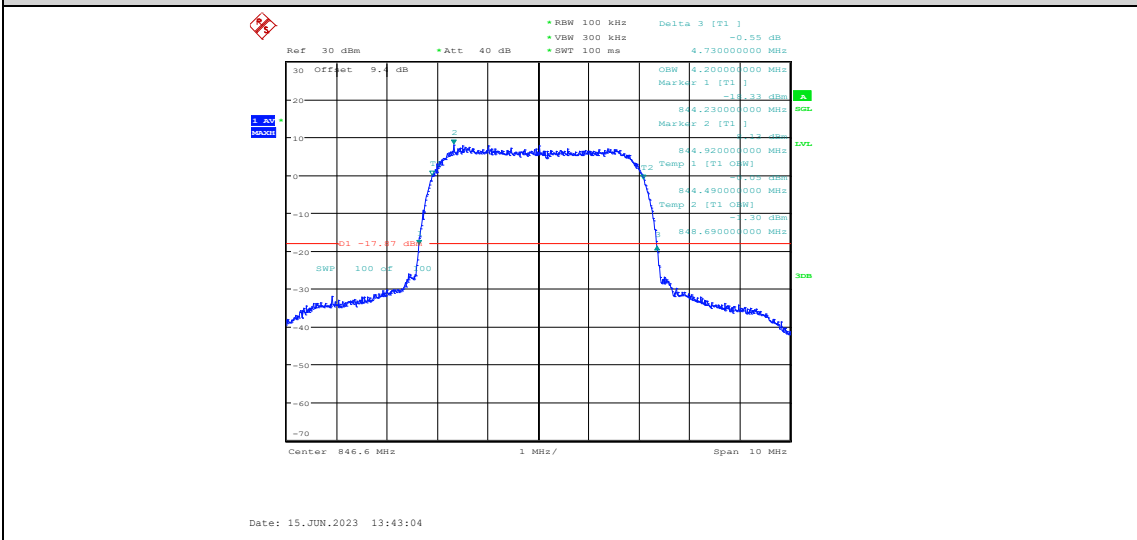
Band5-4182-5



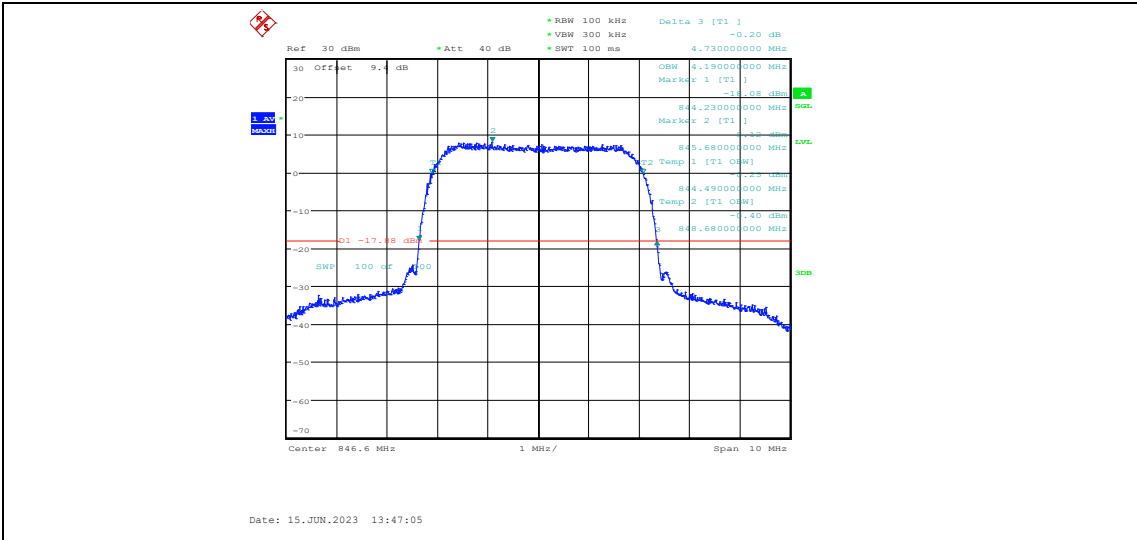
Band5-4233-1



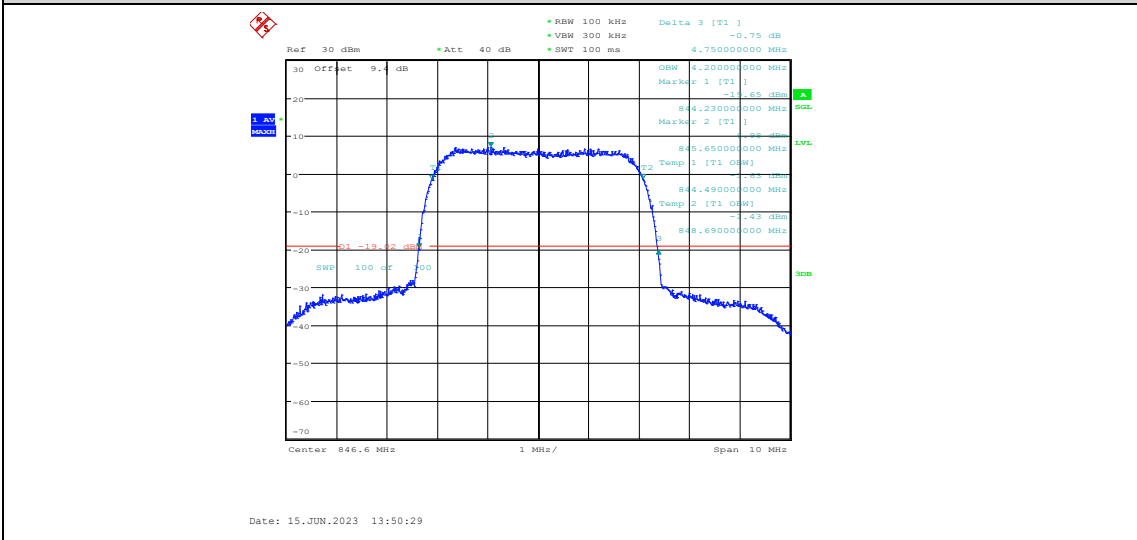
Band5-4233-2



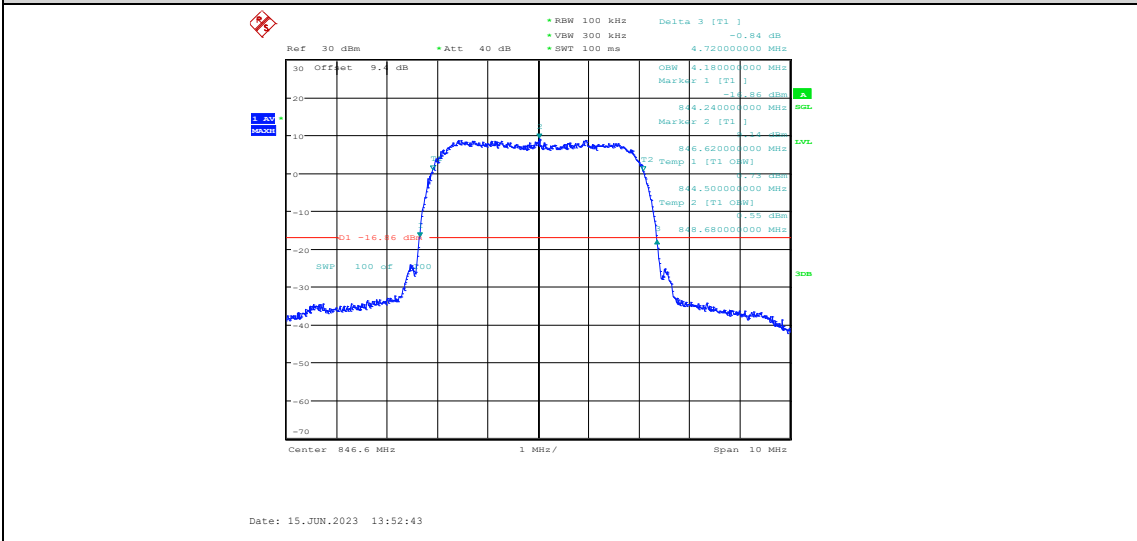
Band5-4233-3



Band5-4233-4



Band5-4233-5



AppendixD:Band Edge

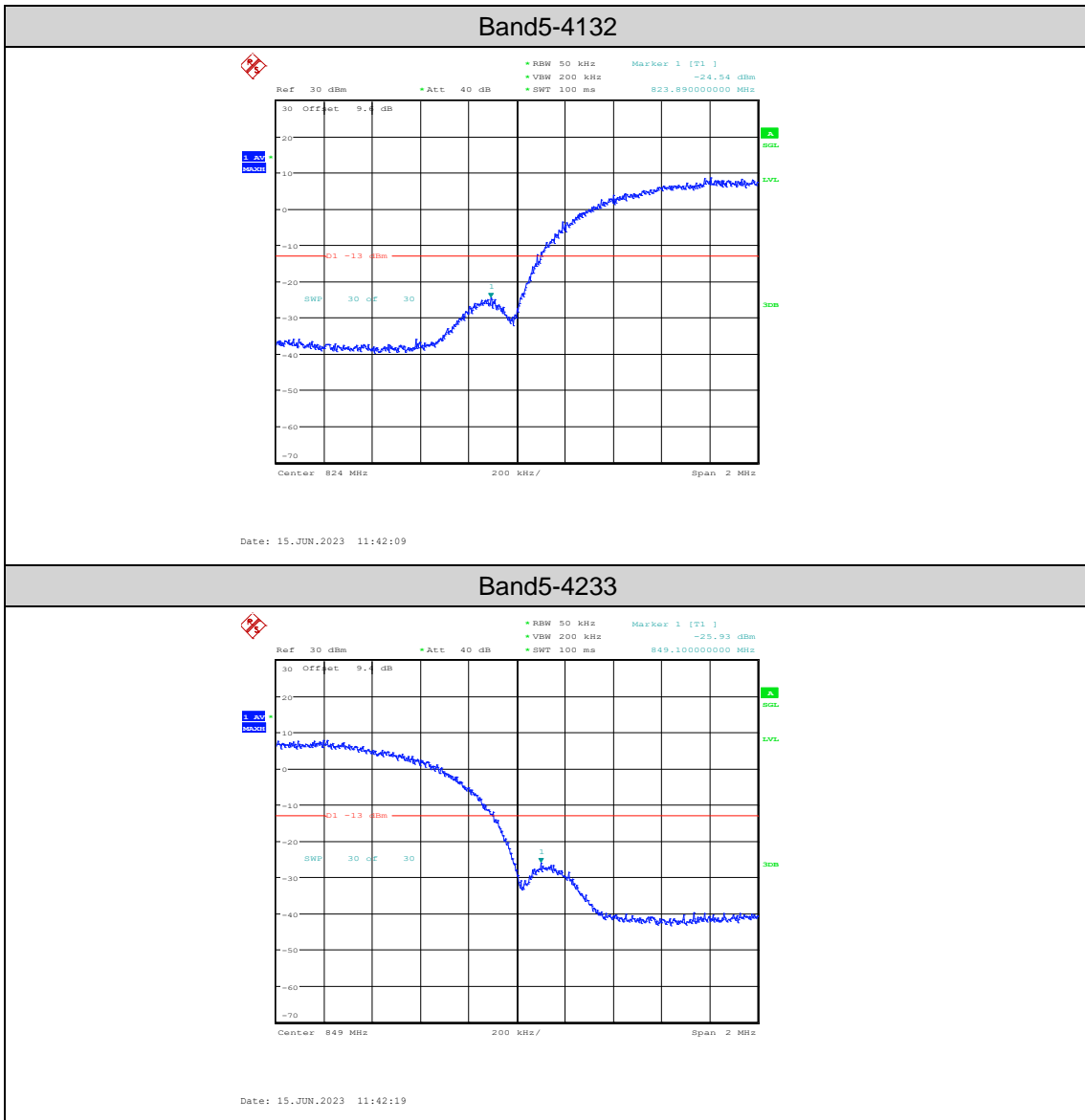
Test Result

Band	Channel	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band5	4132	823.89	-24.54	-13	PASS
Band5	4233	849.10	-25.93	-13	PASS

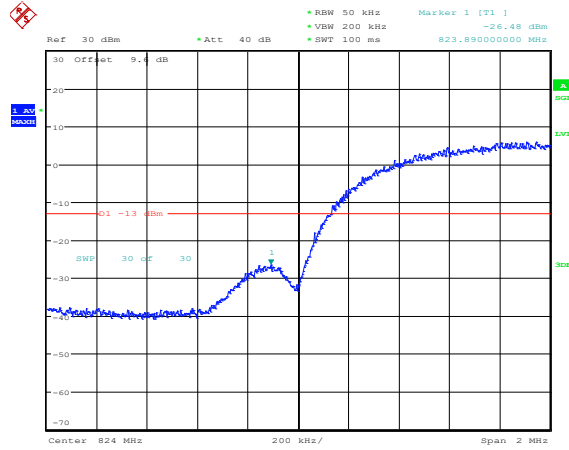
Band	Channel	SubTest	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band5	4132	1	823.89	-26.48	-13	PASS
Band5	4132	2	823.88	-27.79	-13	PASS
Band5	4132	3	824.00	-29.08	-13	PASS
Band5	4132	4	823.99	-29.07	-13	PASS
Band5	4233	1	849.13	-26.13	-13	PASS
Band5	4233	2	849.09	-28.77	-13	PASS
Band5	4233	3	849.00	-28.46	-13	PASS
Band5	4233	4	849.00	-29.29	-13	PASS

Band	Channel	SubTest	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band5	4132	1	823.84	-27.70	-13	PASS
Band5	4132	2	823.84	-28.35	-13	PASS
Band5	4132	3	823.89	-27.91	-13	PASS
Band5	4132	4	823.90	-30.06	-13	PASS
Band5	4132	5	823.89	-27.16	-13	PASS
Band5	4233	1	849.12	-28.16	-13	PASS
Band5	4233	2	849.11	-29.98	-13	PASS
Band5	4233	3	849.12	-28.92	-13	PASS
Band5	4233	4	849.00	-30.56	-13	PASS
Band5	4233	5	849.10	-28.36	-13	PASS

Test Graphs

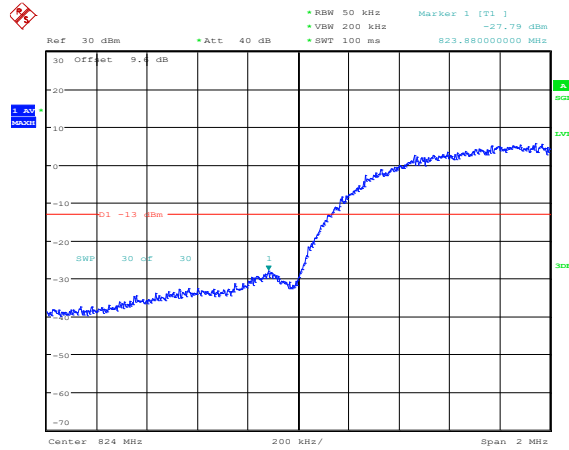


Band5-4132-1



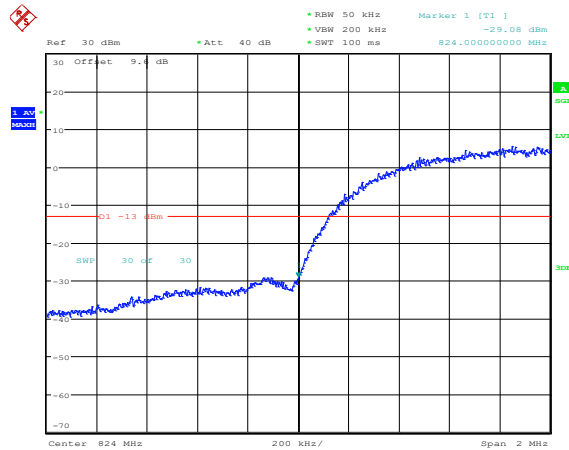
Date: 15.JUN.2023 12:14:38

Band5-4132-2



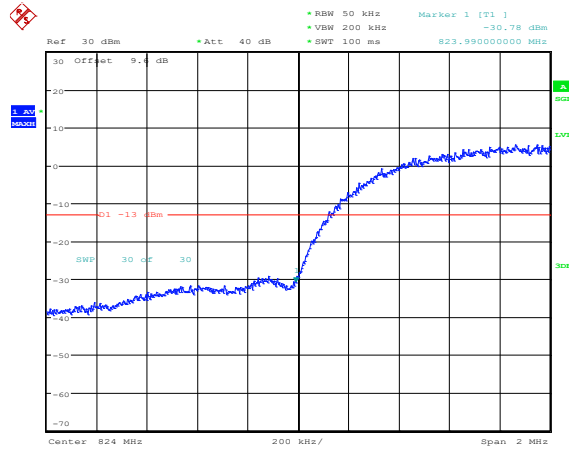
Date: 15.JUN.2023 12:15:24

Band5-4132-3



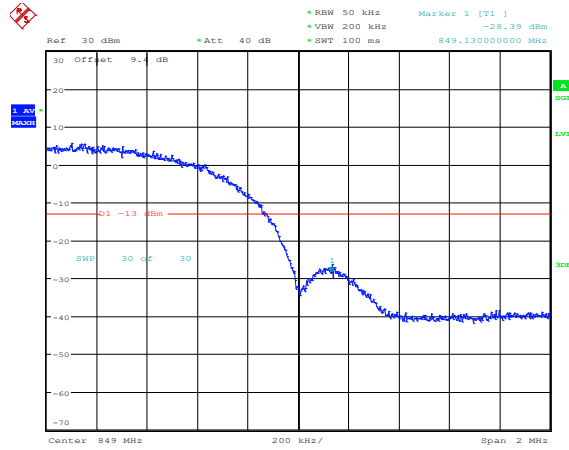
Date: 15.JUN.2023 12:16:10

Band5-4132-4



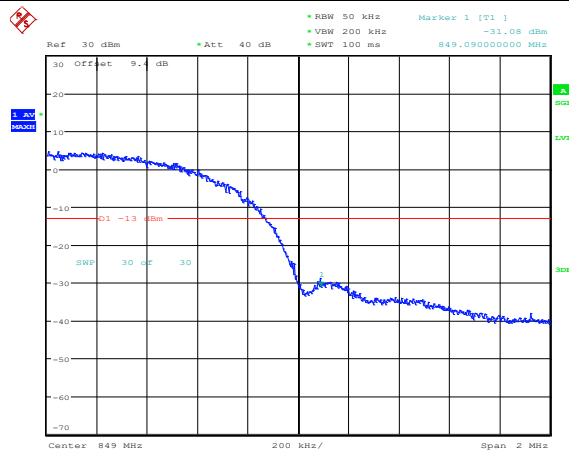
Date: 15.JUN.2023 12:16:56

Band5-4233-1



Date: 15.JUN.2023 12:14:53

Band5-4233-2

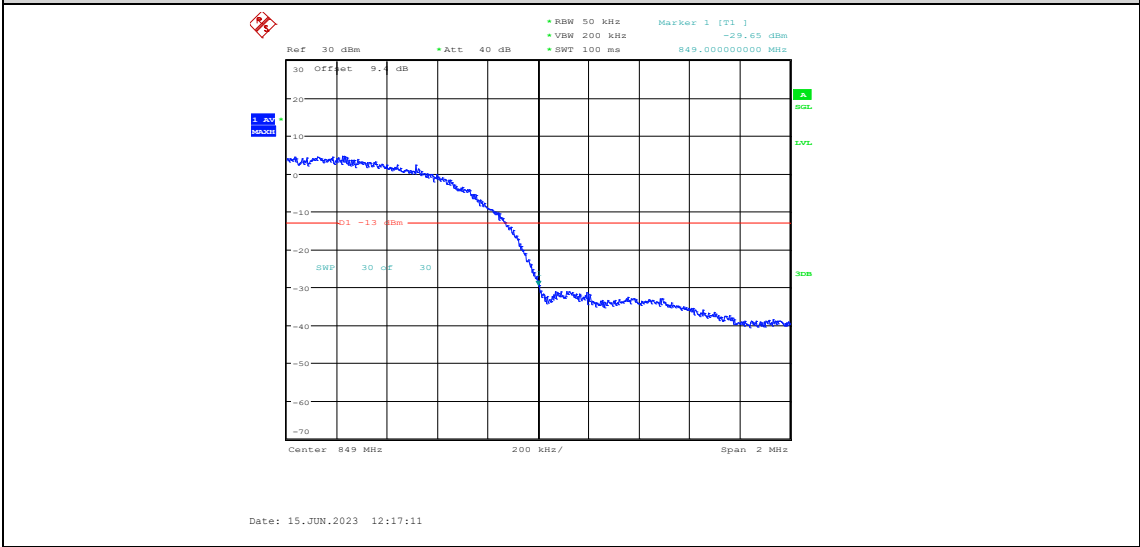


Date: 15.JUN.2023 12:15:40

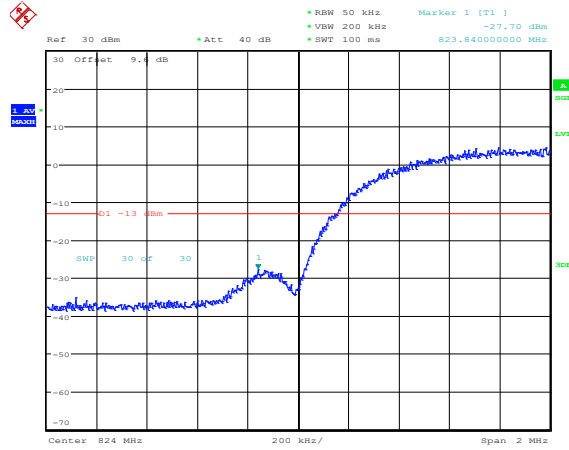
Band5-4233-3



Band5-4233-4

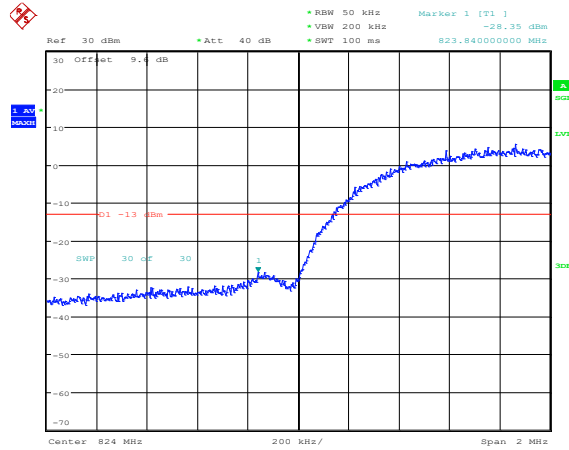


Band5-4132-1



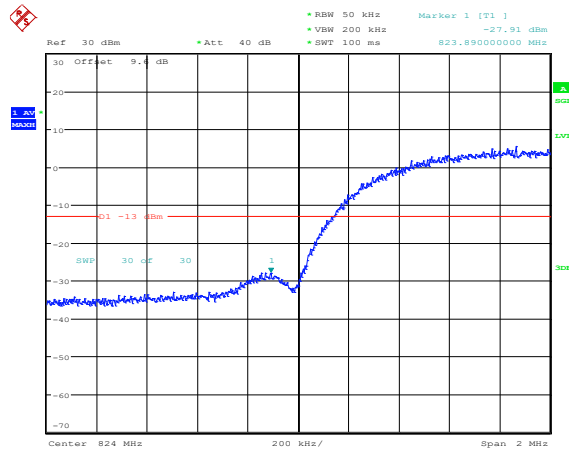
Date: 15.JUN.2023 13:54:04

Band5-4132-2



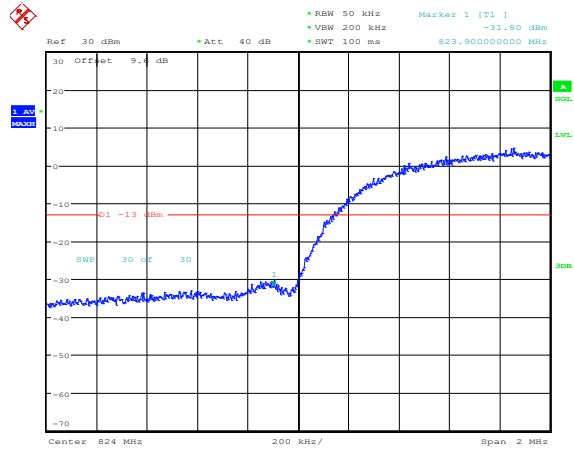
Date: 15.JUN.2023 13:56:11

Band5-4132-3



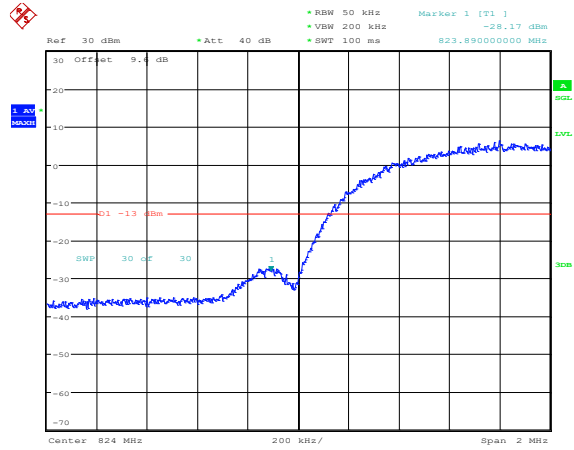
Date: 15.JUN.2023 13:58:32

Band5-4132-4



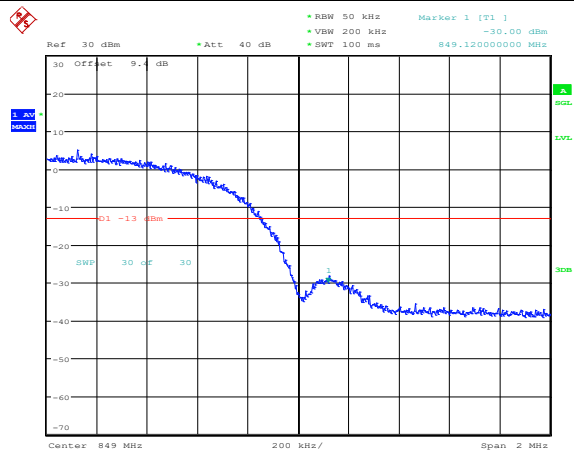
Date: 15.JUN.2023 14:00:37

Band5-4132-5



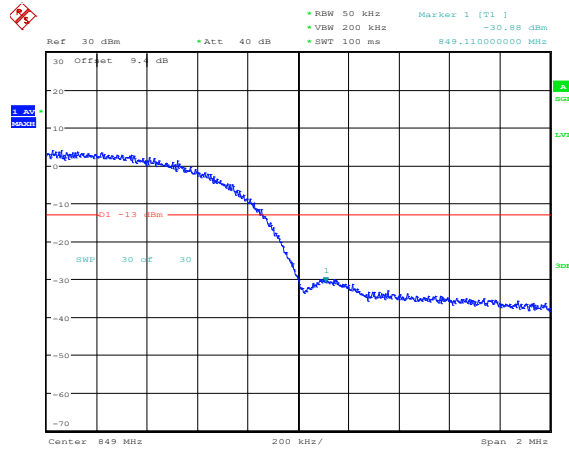
Date: 15.JUN.2023 14:02:14

Band5-4233-1



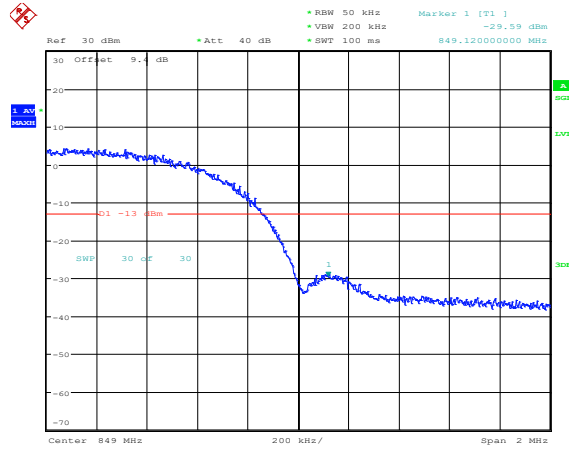
Date: 15.JUN.2023 13:55:05

Band5-4233-2



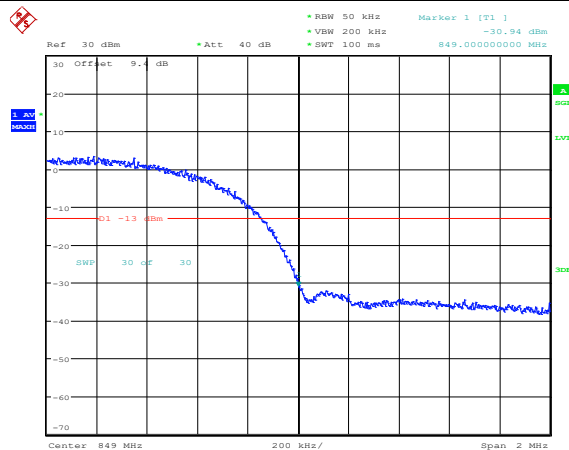
Date: 15.JUN.2023 13:57:24

Band5-4233-3



Date: 15.JUN.2023 13:59:34

Band5-4233-4



Date: 15.JUN.2023 14:01:35

Band5-4233-5

AppendixE:Conducted SpuriousEmission

Test Result

Band	Channel	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band5	4132	0.009~0.15MHz	0.04	-60.51	-33	PASS
Band5	4132	0.15~30MHz	0.3	-56.9	-13	PASS
Band5	4132	30~1000MHz	615.4	-51.44	-13	PASS
Band5	4132	1000~10000MHz	3182.5	-36.68	-13	PASS
Band5	4182	0.009~0.15MHz	0.04	-61.64	-33	PASS
Band5	4182	0.15~30MHz	0.69	-57.97	-13	PASS
Band5	4182	30~1000MHz	322.46	-51.54	-13	PASS
Band5	4182	1000~10000MHz	3184.75	-34.63	-13	PASS
Band5	4233	0.009~0.15MHz	0.04	-60.51	-33	PASS
Band5	4233	0.15~30MHz	0.24	-54.91	-13	PASS
Band5	4233	30~1000MHz	240.01	-51.52	-13	PASS
Band5	4233	1000~10000MHz	3186.1	-34.54	-13	PASS

Band	Channel	SubTest	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band5	4132	1	0.15~30MHz	0.39	-56.61	-13	PASS
Band5	4132	1	30~1000MHz	280.26	-51.37	-13	PASS
Band5	4132	1	1000~10000MHz	3195.1	-36.77	-13	PASS
Band5	4132	1	0.009~0.15MHz	0.04	-61.4	-33	PASS
Band5	4132	2	0.15~30MHz	0.24	-57.05	-13	PASS
Band5	4132	2	30~1000MHz	67.35	-51.48	-13	PASS
Band5	4132	2	1000~10000MHz	3181.6	-32.13	-13	PASS
Band5	4132	2	0.009~0.15MHz	0.04	-61.74	-33	PASS
Band5	4132	3	0.15~30MHz	0.36	-55.64	-13	PASS
Band5	4132	3	0.009~0.15MHz	0.04	-60.84	-33	PASS
Band5	4132	3	1000~10000MHz	3193.3	-35.2	-13	PASS
Band5	4132	3	30~1000MHz	628.49	-50.68	-13	PASS
Band5	4132	4	0.15~30MHz	0.36	-56.86	-13	PASS
Band5	4132	4	1000~10000MHz	3170.8	-33.91	-13	PASS
Band5	4132	4	0.009~0.15MHz	0.04	-60.79	-33	PASS
Band5	4132	4	30~1000MHz	427.22	-51.7	-13	PASS
Band5	4182	1	1000~10000MHz	3194.65	-36.93	-13	PASS
Band5	4182	1	30~1000MHz	215.27	-51.4	-13	PASS
Band5	4182	1	0.009~0.15MHz	0.04	-60.44	-33	PASS
Band5	4182	1	0.15~30MHz	0.6	-57.49	-13	PASS
Band5	4182	2	0.15~30MHz	0.36	-56.63	-13	PASS
Band5	4182	2	30~1000MHz	671.66	-51.36	-13	PASS

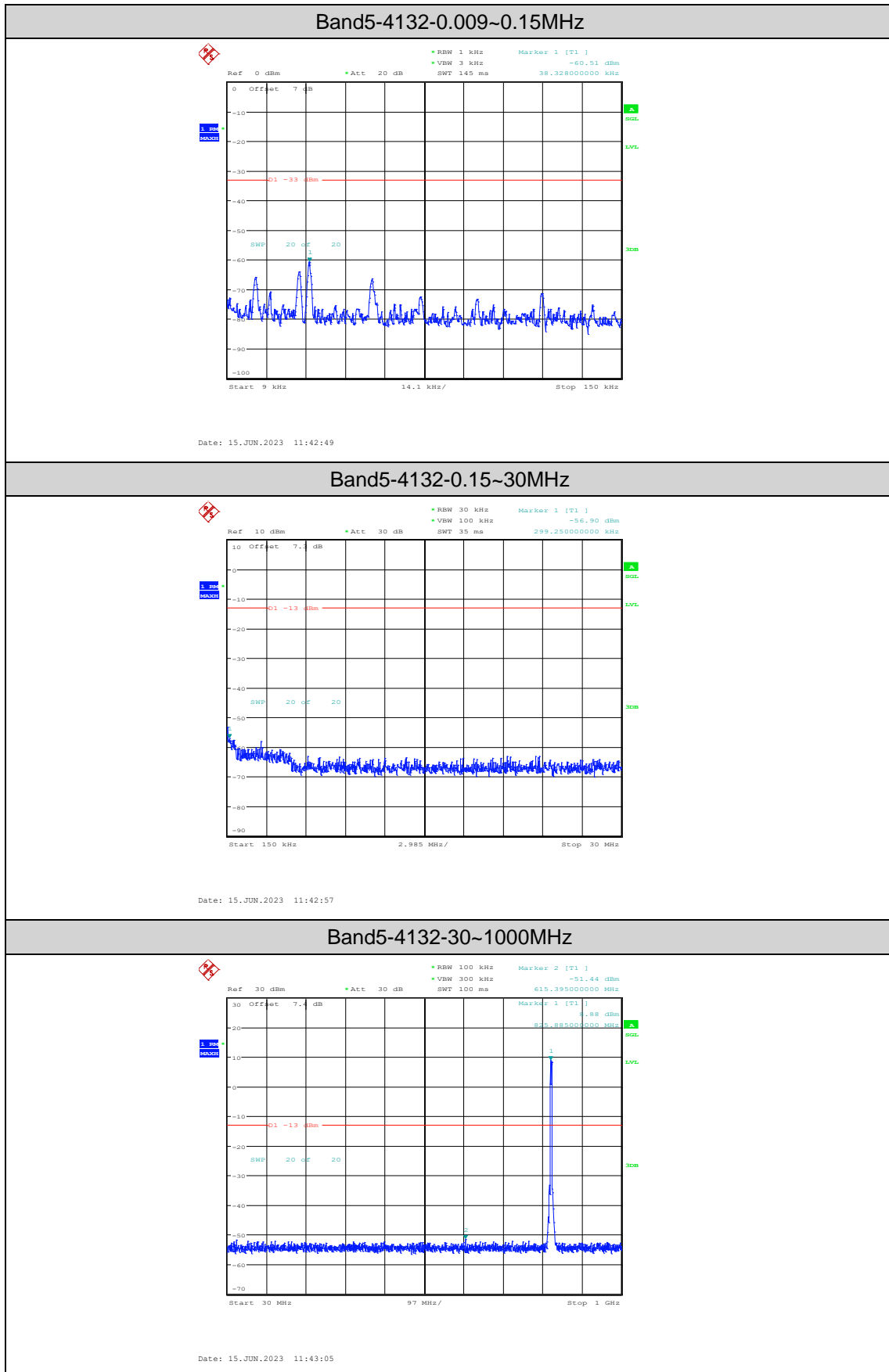
Band5	4182	2	0.009~0.15MHz	0.04	-60.14	-33	PASS
Band5	4182	2	1000~10000MHz	3193.75	-34.98	-13	PASS
Band5	4182	3	30~1000MHz	222.55	-51.66	-13	PASS
Band5	4182	3	0.15~30MHz	0.27	-55.59	-13	PASS
Band5	4182	3	1000~10000MHz	3178.45	-37.08	-13	PASS
Band5	4182	3	0.009~0.15MHz	0.04	-61.24	-33	PASS
Band5	4182	4	0.009~0.15MHz	0.04	-63.4	-33	PASS
Band5	4182	4	0.15~30MHz	0.54	-56.36	-13	PASS
Band5	4182	4	30~1000MHz	145.43	-51.62	-13	PASS
Band5	4182	4	1000~10000MHz	3186.55	-35.54	-13	PASS
Band5	4233	1	0.15~30MHz	0.3	-56.59	-13	PASS
Band5	4233	1	30~1000MHz	31.94	-51.6	-13	PASS
Band5	4233	1	1000~10000MHz	3191.95	-33.81	-13	PASS
Band5	4233	1	0.009~0.15MHz	0.04	-61.03	-33	PASS
Band5	4233	2	0.009~0.15MHz	0.04	-60.99	-33	PASS
Band5	4233	2	0.15~30MHz	0.3	-57.03	-13	PASS
Band5	4233	2	1000~10000MHz	3191.05	-35.17	-13	PASS
Band5	4233	2	30~1000MHz	311.3	-50.83	-13	PASS
Band5	4233	3	0.009~0.15MHz	0.04	-61.05	-33	PASS
Band5	4233	3	0.15~30MHz	0.33	-54.32	-13	PASS
Band5	4233	3	30~1000MHz	128.46	-51.68	-13	PASS
Band5	4233	3	1000~10000MHz	3191.95	-33.3	-13	PASS
Band5	4233	4	1000~10000MHz	3178	-36.33	-13	PASS
Band5	4233	4	0.009~0.15MHz	0.04	-60.67	-33	PASS
Band5	4233	4	0.15~30MHz	0.42	-56.49	-13	PASS
Band5	4233	4	30~1000MHz	428.67	-51.13	-13	PASS

Band	Channel	SubTest	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band5	4132	1	0.15~30MHz	0.57	-56.58	-13	PASS
Band5	4132	1	30~1000MHz	631.4	-51.22	-13	PASS
Band5	4132	1	1000~10000MHz	2459.8	-36.25	-13	PASS
Band5	4132	1	0.009~0.15MHz	0.04	-61.24	-33	PASS
Band5	4132	2	30~1000MHz	937.92	-51.53	-13	PASS
Band5	4132	2	1000~10000MHz	3181.6	-38.17	-13	PASS
Band5	4132	2	0.15~30MHz	0.6	-56.56	-13	PASS
Band5	4132	2	0.009~0.15MHz	0.04	-59.97	-33	PASS
Band5	4132	3	1000~10000MHz	3192.4	-37.9	-13	PASS
Band5	4132	3	0.009~0.15MHz	0.04	-60.05	-33	PASS
Band5	4132	3	0.15~30MHz	0.27	-56.02	-13	PASS
Band5	4132	3	30~1000MHz	962.66	-51.15	-13	PASS
Band5	4132	4	1000~10000MHz	3168.55	-36.28	-13	PASS
Band5	4132	4	0.009~0.15MHz	0.04	-61.15	-33	PASS

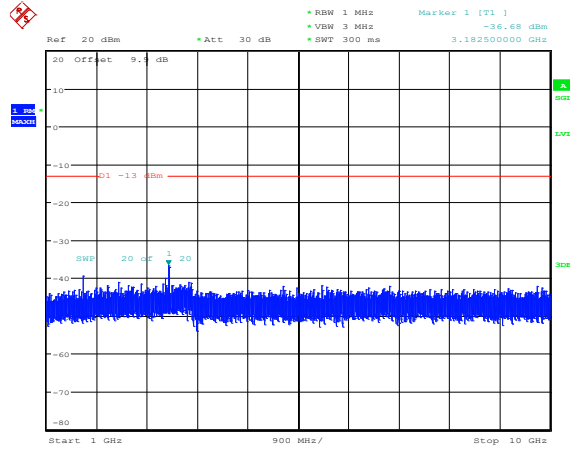
Band5	4132	4	30~1000MHz	208.48	-51.41	-13	PASS
Band5	4132	4	0.15~30MHz	0.27	-54.94	-13	PASS
Band5	4132	5	0.009~0.15MHz	0.04	-62	-33	PASS
Band5	4132	5	1000~10000MHz	3187	-34.33	-13	PASS
Band5	4132	5	0.15~30MHz	0.48	-56.74	-13	PASS
Band5	4132	5	30~1000MHz	290.93	-51.9	-13	PASS
Band5	4182	1	1000~10000MHz	3195.55	-36.52	-13	PASS
Band5	4182	1	30~1000MHz	692.51	-51.16	-13	PASS
Band5	4182	1	0.009~0.15MHz	0.04	-61.64	-33	PASS
Band5	4182	1	0.15~30MHz	0.36	-55.45	-13	PASS
Band5	4182	2	0.009~0.15MHz	0.04	-61.33	-33	PASS
Band5	4182	2	30~1000MHz	67.35	-51.57	-13	PASS
Band5	4182	2	0.15~30MHz	0.39	-58.01	-13	PASS
Band5	4182	2	1000~10000MHz	3171.7	-35.66	-13	PASS
Band5	4182	3	0.15~30MHz	0.36	-57.63	-13	PASS
Band5	4182	3	30~1000MHz	539.74	-51.34	-13	PASS
Band5	4182	3	1000~10000MHz	3178	-35.7	-13	PASS
Band5	4182	3	0.009~0.15MHz	0.04	-61.61	-33	PASS
Band5	4182	4	0.009~0.15MHz	0.04	-60.66	-33	PASS
Band5	4182	4	1000~10000MHz	3177.55	-35.16	-13	PASS
Band5	4182	4	0.15~30MHz	0.57	-57.08	-13	PASS
Band5	4182	4	30~1000MHz	407.82	-51.28	-13	PASS
Band5	4182	5	1000~10000MHz	3179.8	-34.68	-13	PASS
Band5	4182	5	0.15~30MHz	0.6	-55.5	-13	PASS
Band5	4182	5	30~1000MHz	154.16	-51.65	-13	PASS
Band5	4182	5	0.009~0.15MHz	0.04	-61.05	-33	PASS
Band5	4233	1	1000~10000MHz	3185.65	-36.45	-13	PASS
Band5	4233	1	30~1000MHz	240.49	-50.83	-13	PASS
Band5	4233	1	0.15~30MHz	0.42	-56.51	-13	PASS
Band5	4233	1	0.009~0.15MHz	0.04	-60.42	-33	PASS
Band5	4233	2	0.009~0.15MHz	0.04	-60.92	-33	PASS
Band5	4233	2	0.15~30MHz	0.54	-57.06	-13	PASS
Band5	4233	2	30~1000MHz	465.53	-51.82	-13	PASS
Band5	4233	2	1000~10000MHz	3193.3	-35.55	-13	PASS
Band5	4233	3	30~1000MHz	526.64	-51.38	-13	PASS
Band5	4233	3	1000~10000MHz	3189.7	-34.56	-13	PASS
Band5	4233	3	0.009~0.15MHz	0.04	-60.43	-33	PASS
Band5	4233	3	0.15~30MHz	0.27	-57.49	-13	PASS
Band5	4233	4	0.009~0.15MHz	0.04	-61.4	-33	PASS
Band5	4233	4	1000~10000MHz	3188.35	-36.86	-13	PASS
Band5	4233	4	0.15~30MHz	0.27	-57.08	-13	PASS
Band5	4233	4	30~1000MHz	197.33	-51.07	-13	PASS
Band5	4233	5	1000~10000MHz	3189.7	-32.95	-13	PASS

Band5	4233	5	0.009~0.15MHz	0.04	-60.5	-33	PASS
Band5	4233	5	0.15~30MHz	0.36	-57.16	-13	PASS
Band5	4233	5	30~1000MHz	978.66	-51.13	-13	PASS

Test Graphs

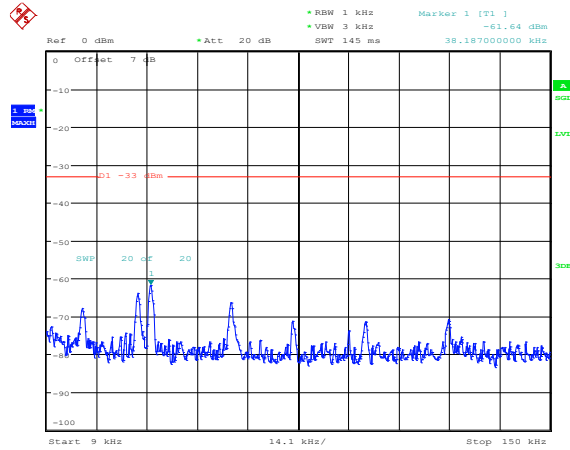


Band5-4132-1000~10000MHz



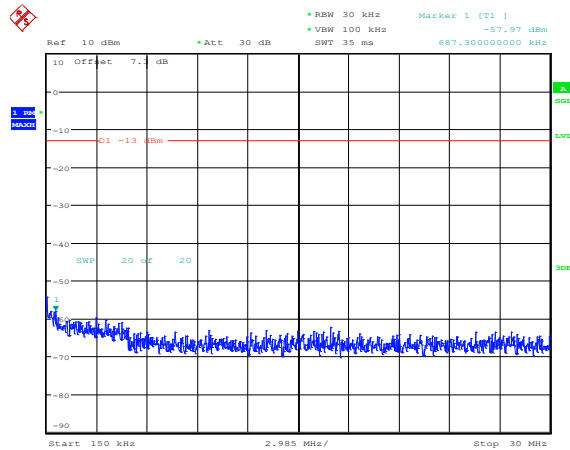
Date: 15.JUN.2023 11:43:20

Band5-4182-0.009~0.15MHz



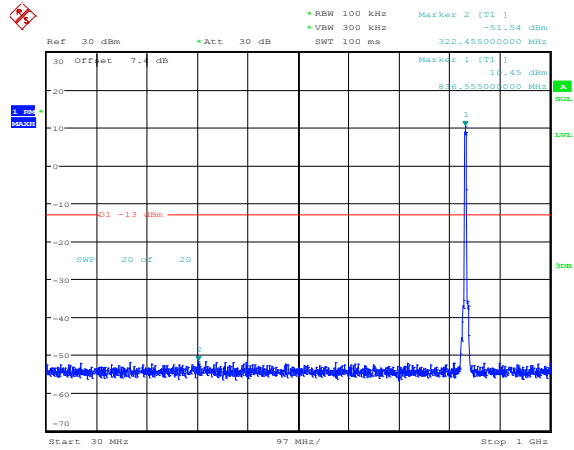
Date: 15.JUN.2023 11:43:36

Band5-4182-0.15~30MHz



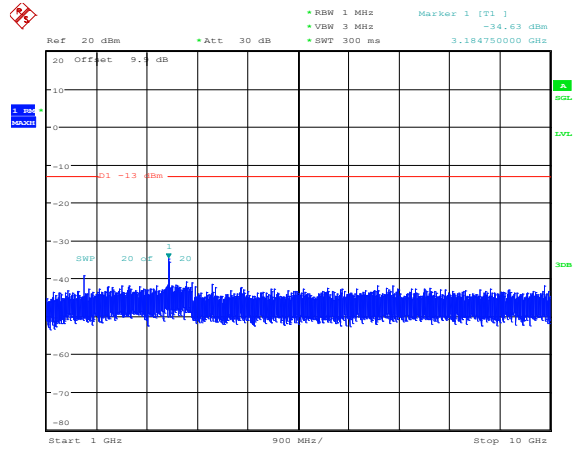
Date: 15.JUN.2023 11:43:44

Band5-4182-30~1000MHz



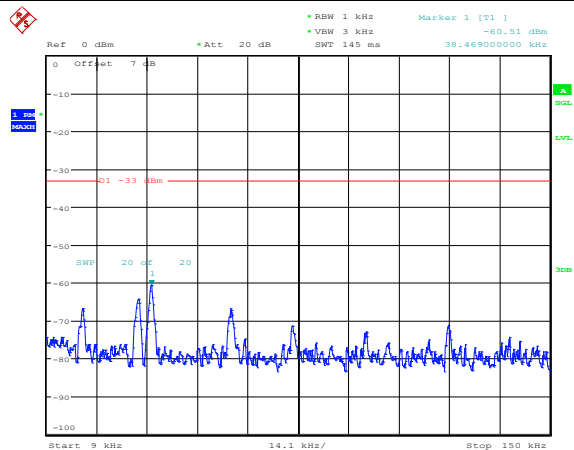
Date: 15.JUN.2023 11:43:52

Band5-4182-1000~10000MHz



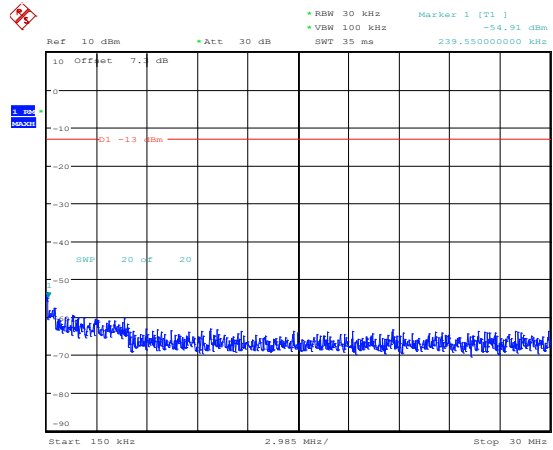
Date: 15.JUN.2023 11:44:06

Band5-4233-0.009~0.15MHz



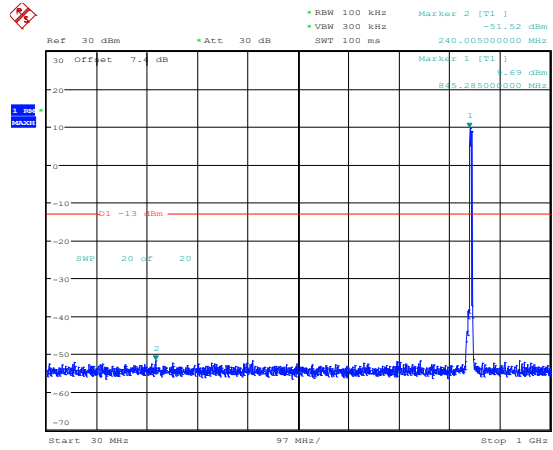
Date: 15.JUN.2023 11:44:23

Band5-4233-0.15~30MHz



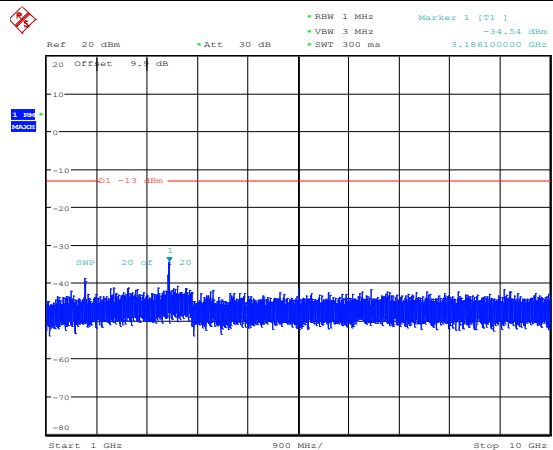
Date: 15.JUN.2023 11:44:31

Band5-4233-30~1000MHz



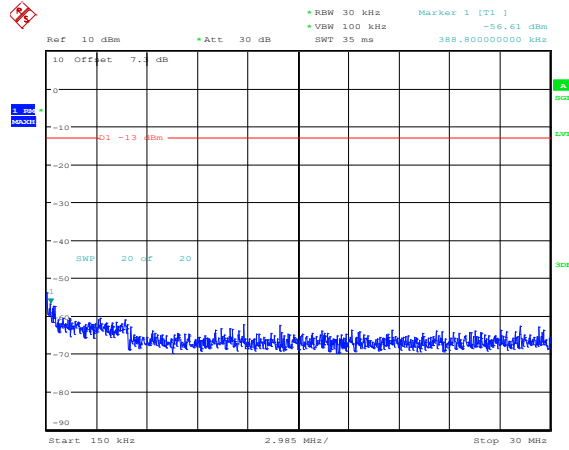
Date: 15.JUN.2023 11:44:39

Band5-4233-1000~10000MHz



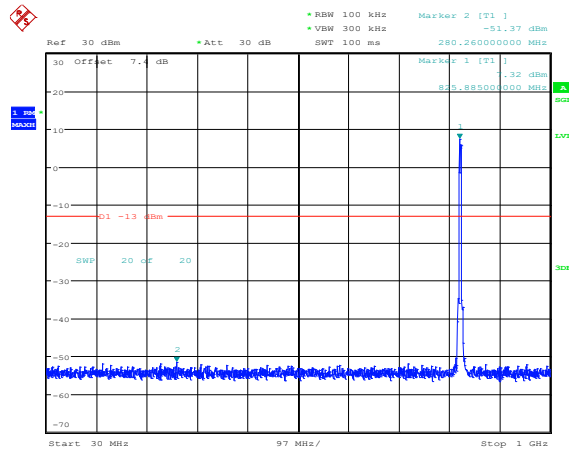
Date: 15.JUN.2023 11:44:53

Band5-4132-1-0.15~30MHz



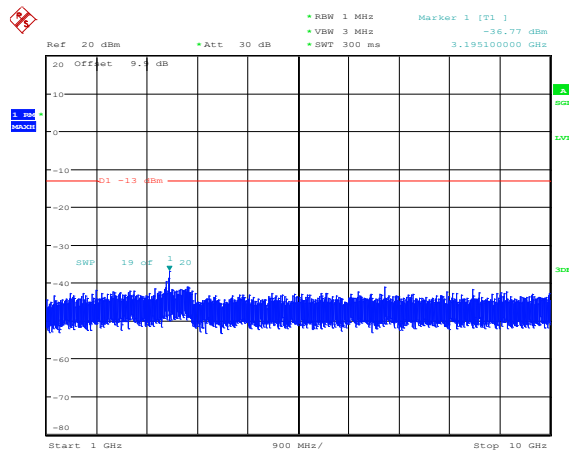
Date: 15.JUN.2023 12:18:03

Band5-4132-1-30~1000MHz



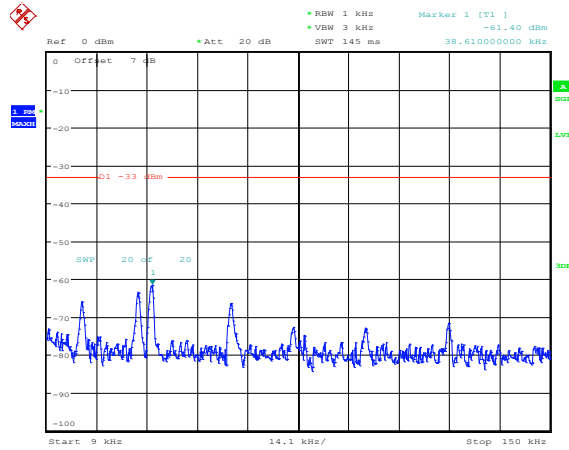
Date: 15.JUN.2023 12:18:14

Band5-4132-1-1000~10000MHz



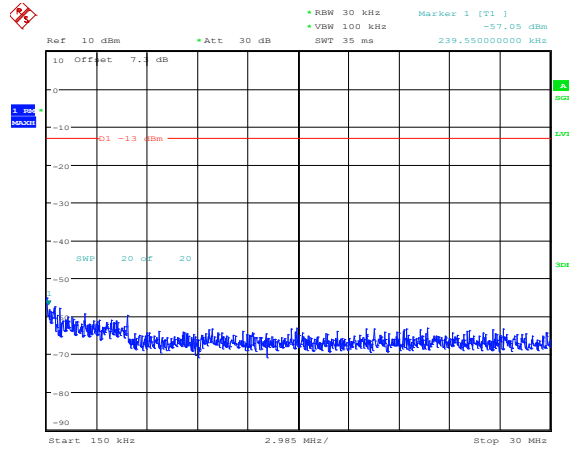
Date: 15.JUN.2023 12:18:27

Band5-4132-1-0.009~0.15MHz



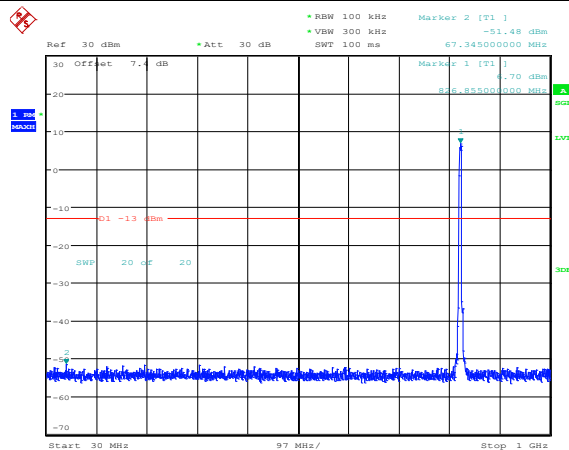
Date: 15.JUN.2023 12:17:55

Band5-4132-2-0.15~30MHz



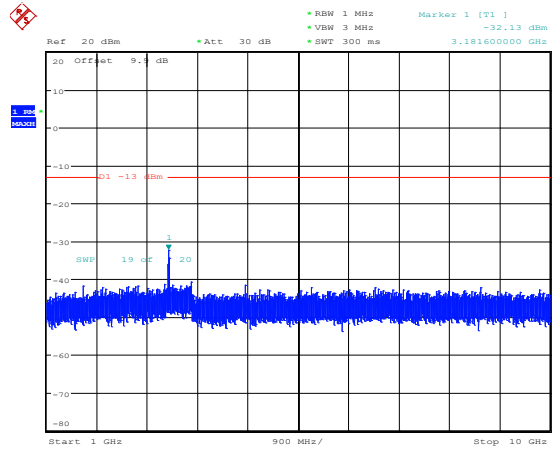
Date: 15.JUN.2023 12:20:49

Band5-4132-2-30~1000MHz



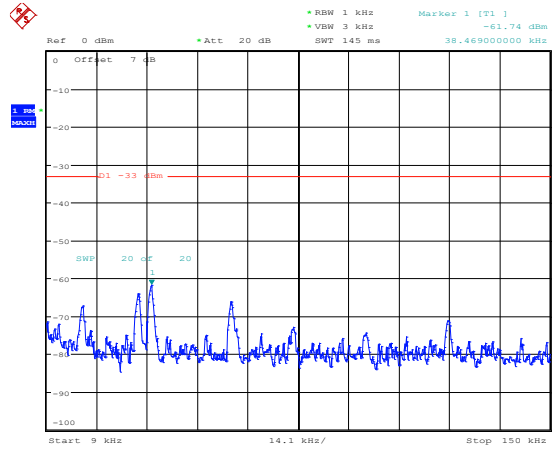
Date: 15.JUN.2023 12:21:00

Band5-4132-2-1000~10000MHz



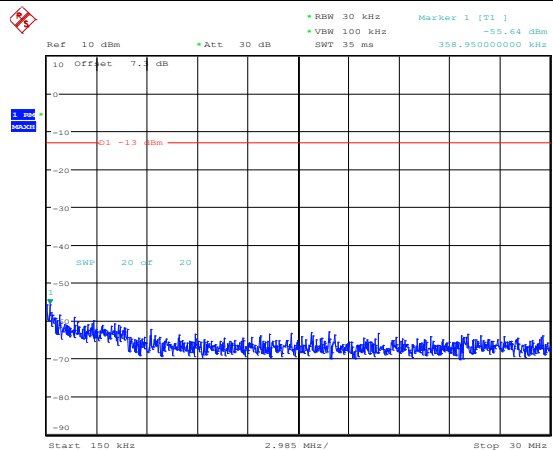
Date: 15.JUN.2023 12:21:13

Band5-4132-2-0.009~0.15MHz



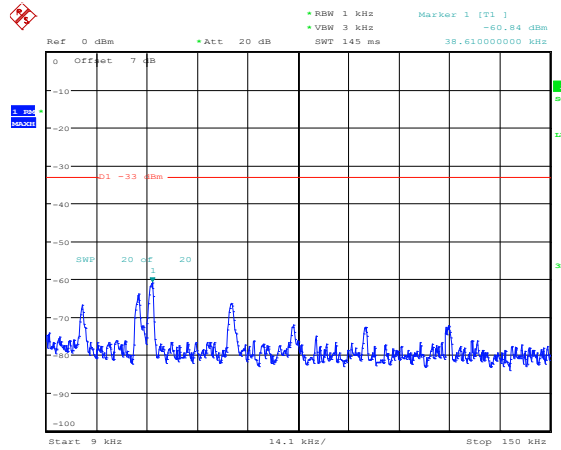
Date: 15.JUN.2023 12:20:41

Band5-4132-3-0.15~30MHz



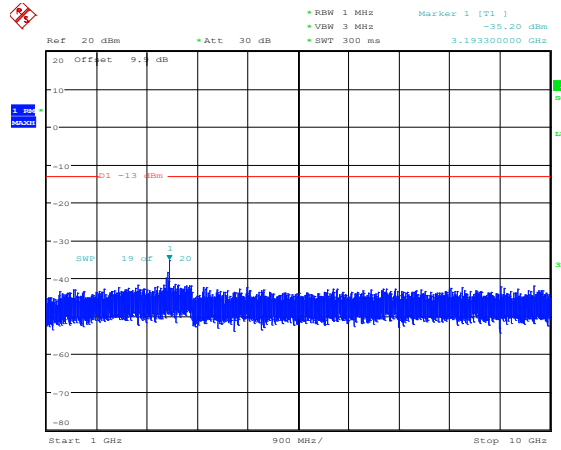
Date: 15.JUN.2023 12:23:36

Band5-4132-3-0.009~0.15MHz



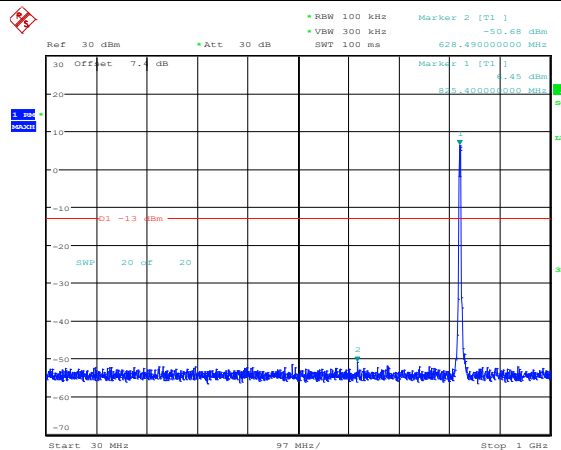
Date: 15.JUN.2023 12:23:27

Band5-4132-3-1000~10000MHz



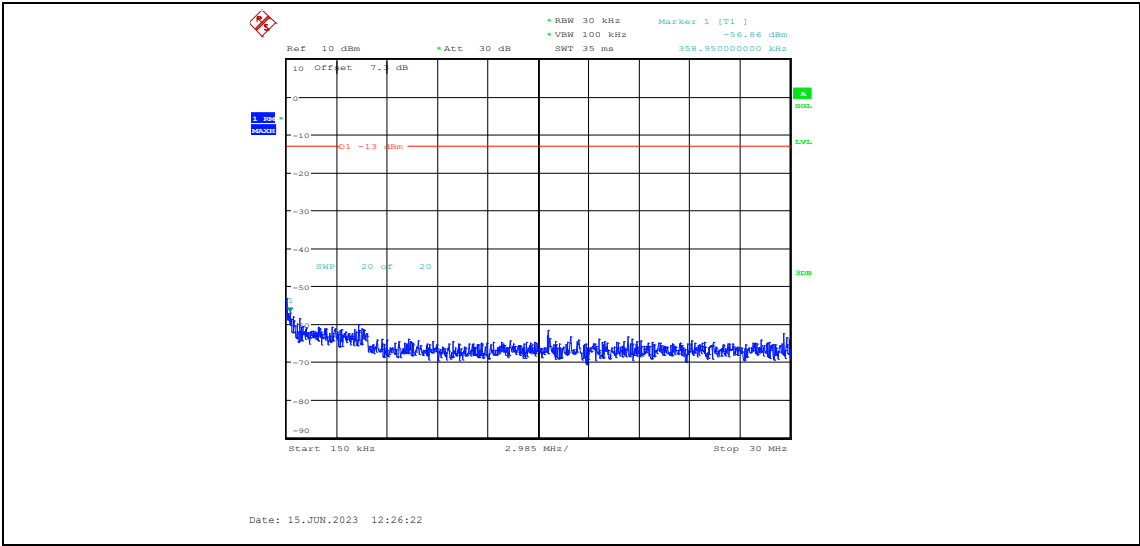
Date: 15.JUN.2023 12:24:00

Band5-4132-3-30~1000MHz

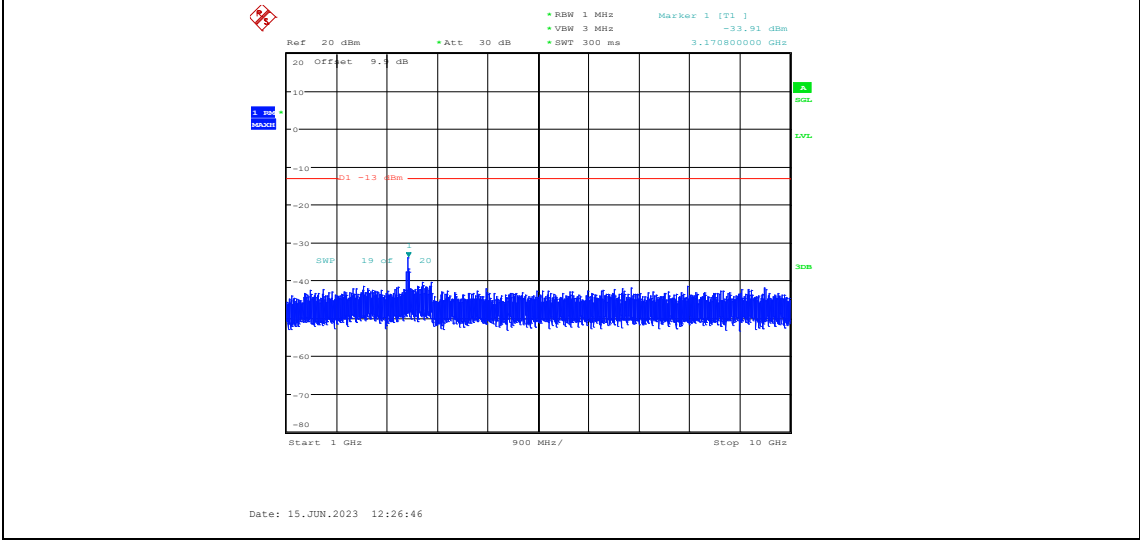


Date: 15.JUN.2023 12:23:46

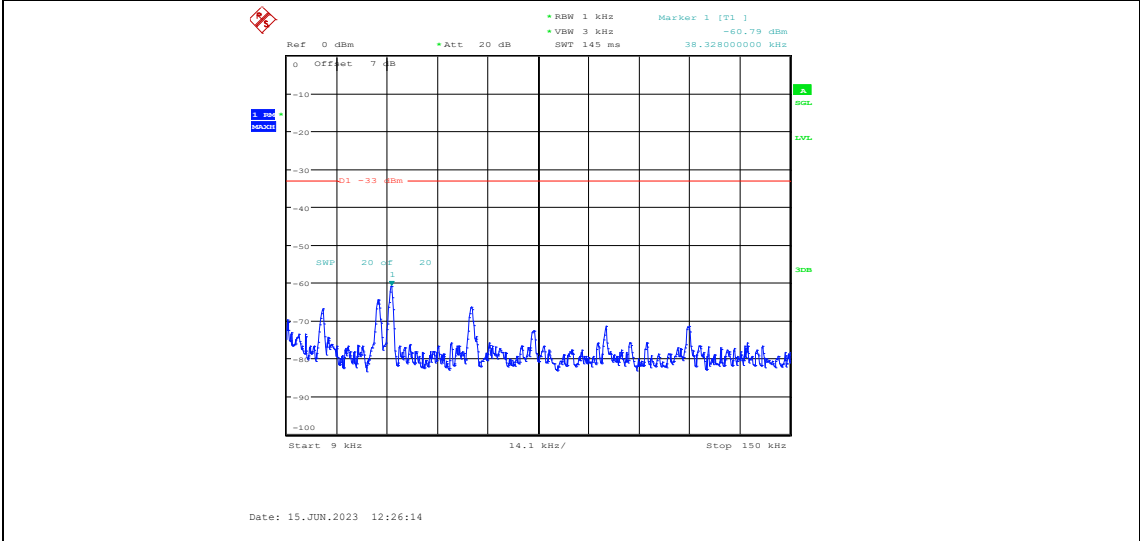
Band5-4132-4-0.15~30MHz



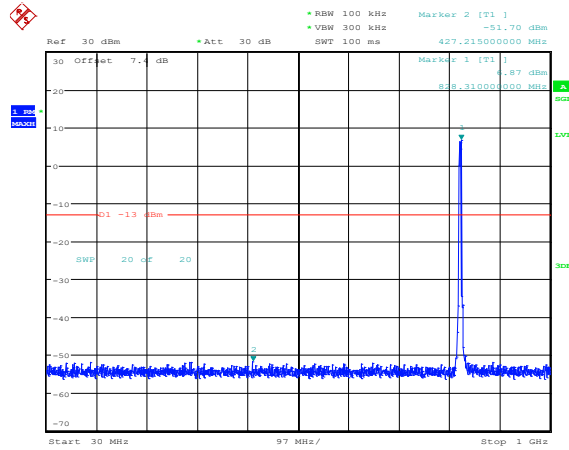
Band5-4132-4-1000~10000MHz



Band5-4132-4-0.009~0.15MHz

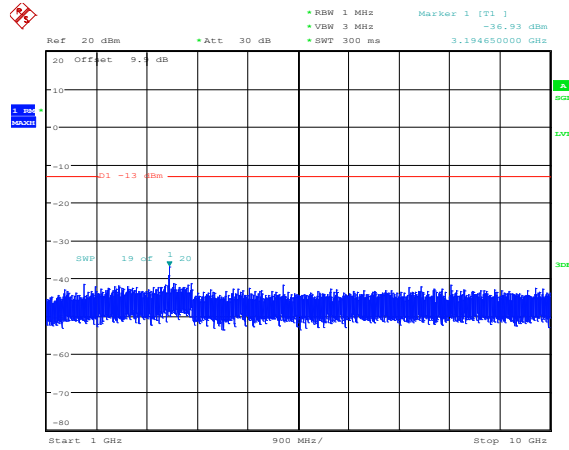


Band5-4132-4-30~1000MHz



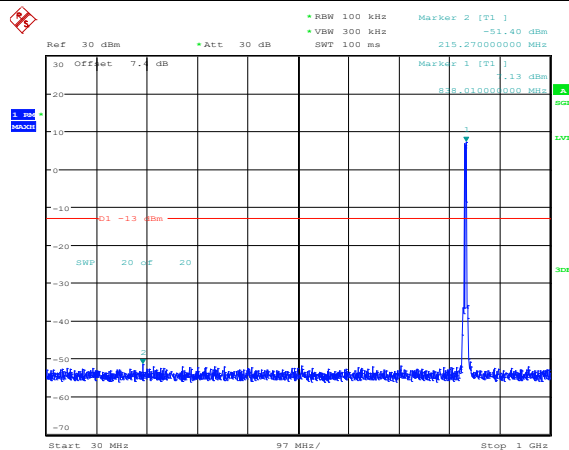
Date: 15.JUN.2023 12:26:33

Band5-4182-1-1000~10000MHz



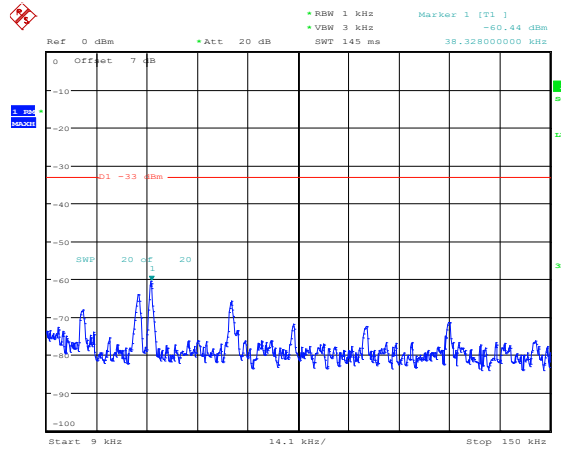
Date: 15.JUN.2023 12:19:17

Band5-4182-1-30~1000MHz



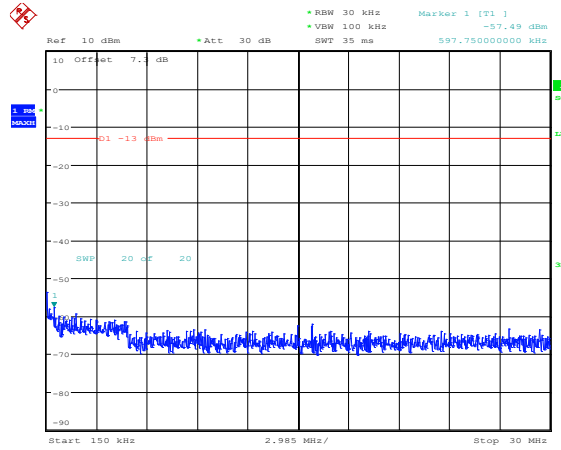
Date: 15.JUN.2023 12:19:04

Band5-4182-1-0.009~0.15MHz



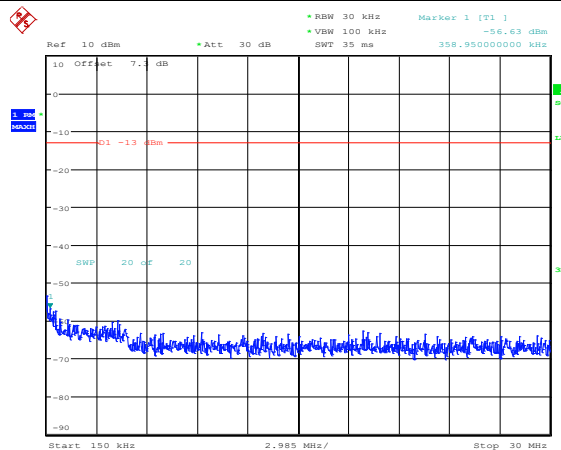
Date: 15.JUN.2023 12:18:45

Band5-4182-1-0.15~30MHz



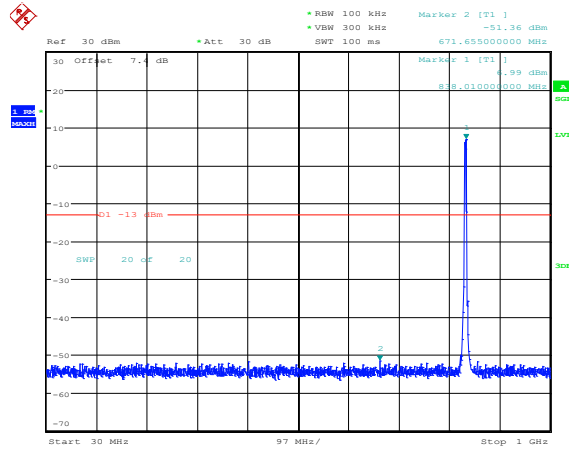
Date: 15.JUN.2023 12:18:53

Band5-4182-2-0.15~30MHz



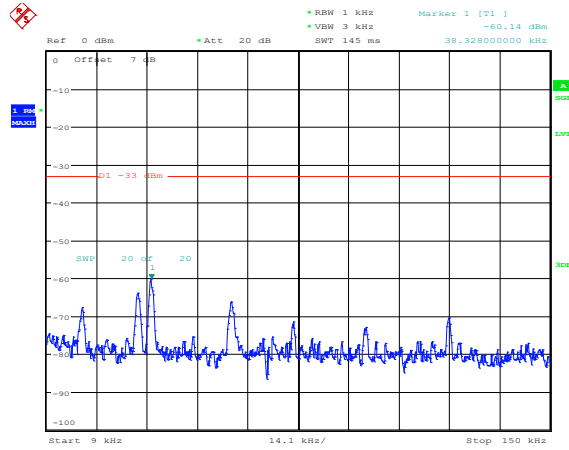
Date: 15.JUN.2023 12:21:40

Band5-4182-2-30~1000MHz



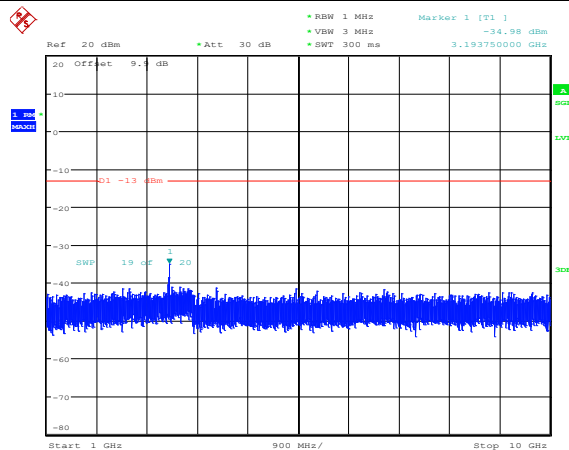
Date: 15.JUN.2023 12:21:50

Band5-4182-2-0.009~0.15MHz



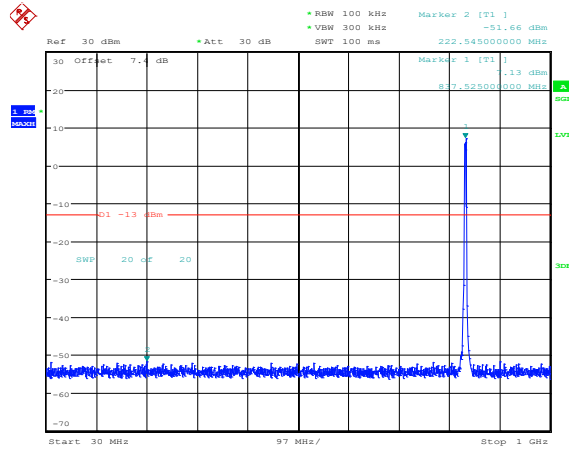
Date: 15.JUN.2023 12:21:31

Band5-4182-2-1000~10000MHz



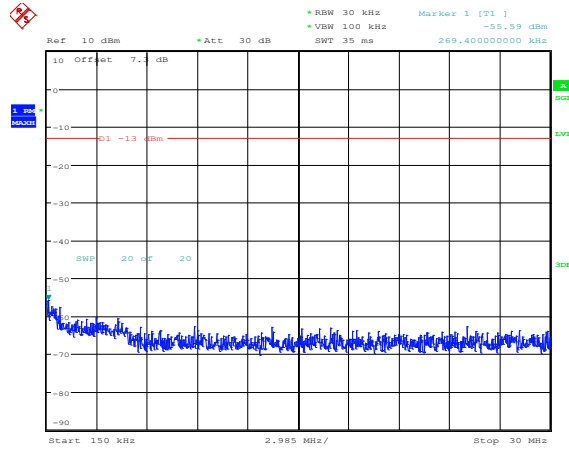
Date: 15.JUN.2023 12:22:04

Band5-4182-3-30~1000MHz



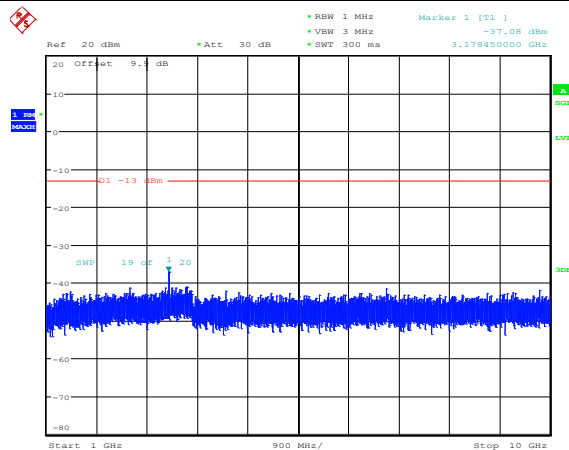
Date: 15.JUN.2023 12:24:37

Band5-4182-3-0.15~30MHz



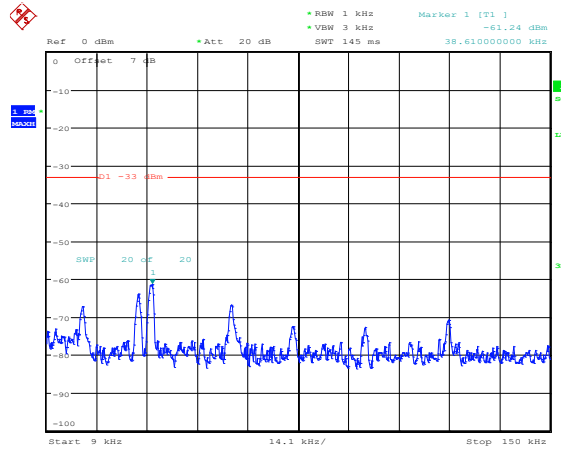
Date: 15.JUN.2023 12:24:26

Band5-4182-3-1000~10000MHz



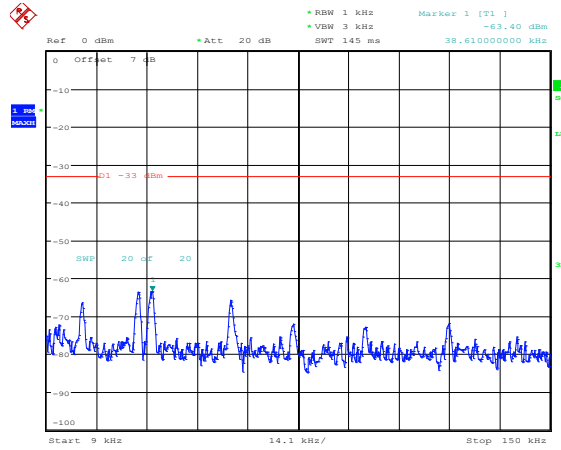
Date: 15.JUN.2023 12:24:50

Band5-4182-3-0.009~0.15MHz



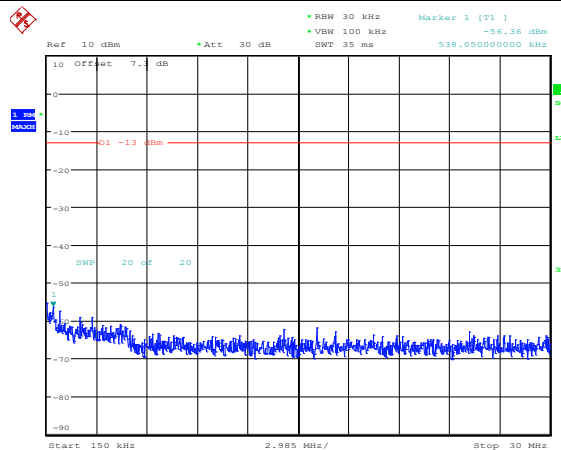
Date: 15.JUN.2023 12:24:18

Band5-4182-4-0.009~0.15MHz



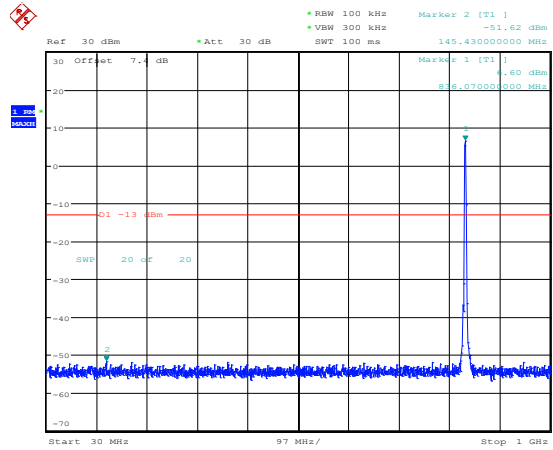
Date: 15.JUN.2023 12:27:04

Band5-4182-4-0.15~30MHz



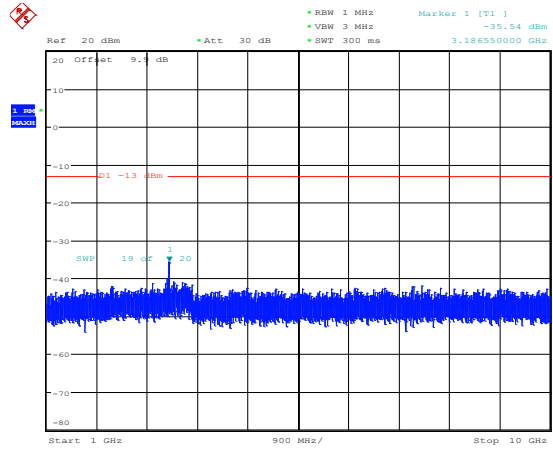
Date: 15.JUN.2023 12:27:12

Band5-4182-4-30~1000MHz



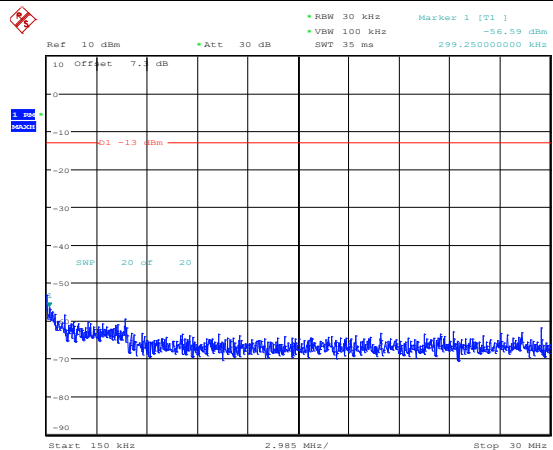
Date: 15.JUN.2023 12:27:23

Band5-4182-4-1000~10000MHz



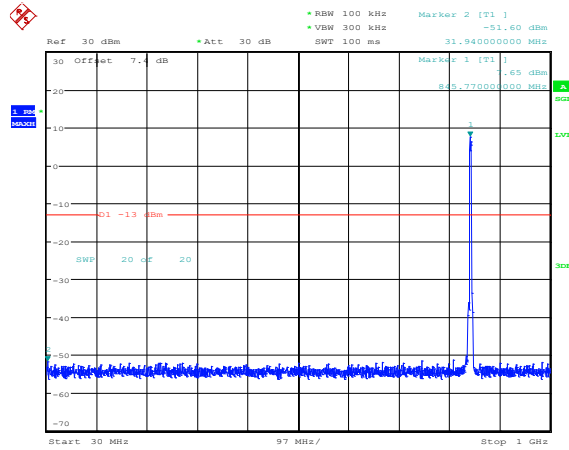
Date: 15.JUN.2023 12:27:37

Band5-4233-1-0.15~30MHz



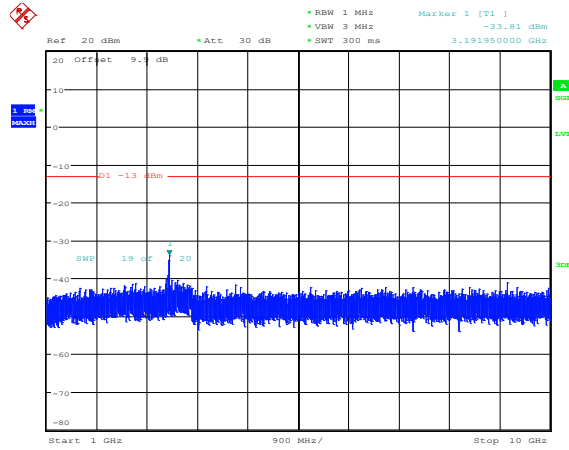
Date: 15.JUN.2023 12:19:44

Band5-4233-1-30~1000MHz



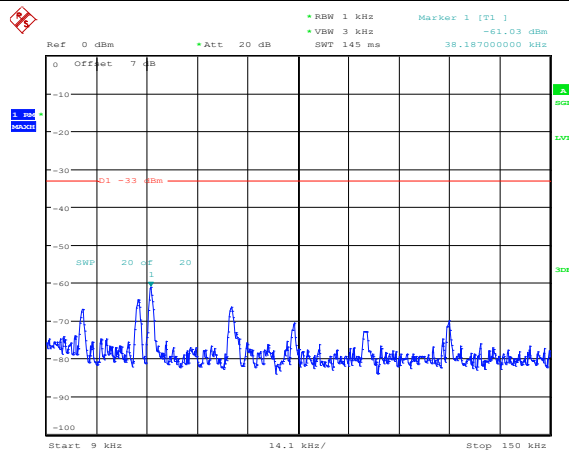
Date: 15.JUN.2023 12:19:55

Band5-4233-1-1000~10000MHz



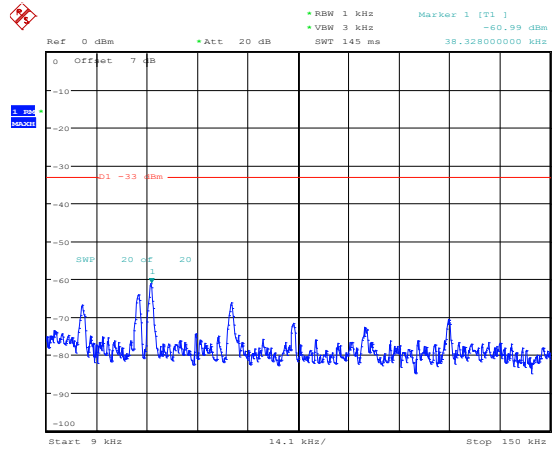
Date: 15.JUN.2023 12:20:08

Band5-4233-1-0.009~0.15MHz



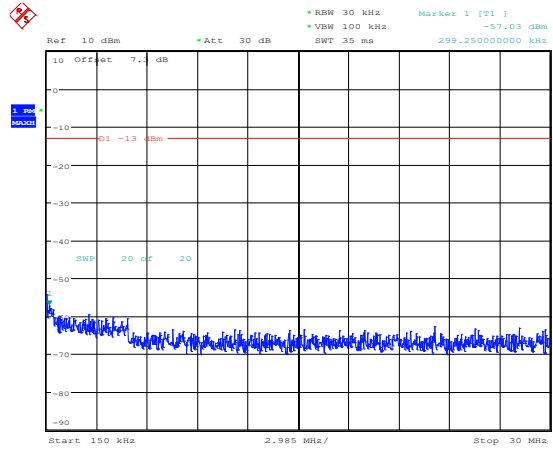
Date: 15.JUN.2023 12:19:35

Band5-4233-2-0.009~0.15MHz



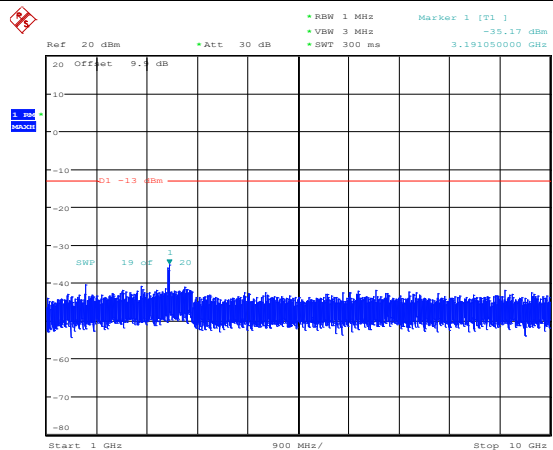
Date: 15.JUN.2023 12:22:22

Band5-4233-2-0.15~30MHz



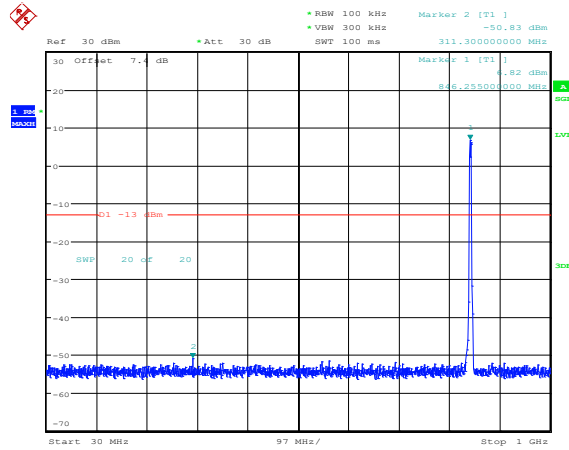
Date: 15.JUN.2023 12:22:30

Band5-4233-2-1000~10000MHz



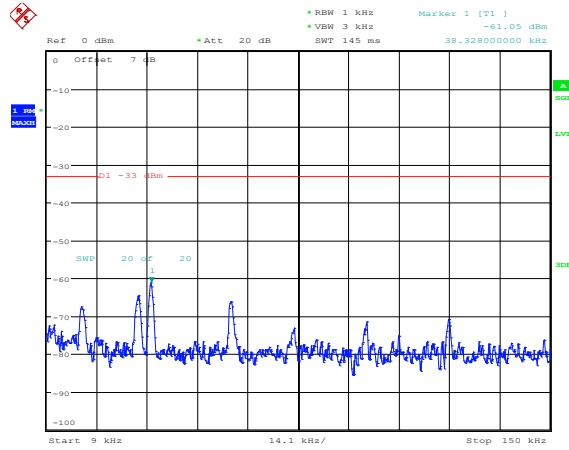
Date: 15.JUN.2023 12:22:54

Band5-4233-2-30~1000MHz



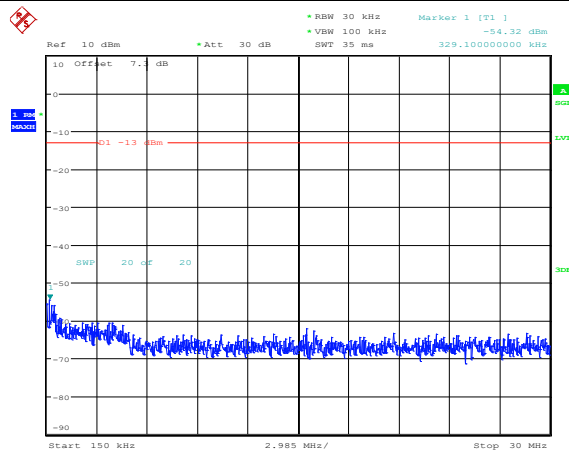
Date: 15.JUN.2023 12:22:41

Band5-4233-3-0.009~0.15MHz



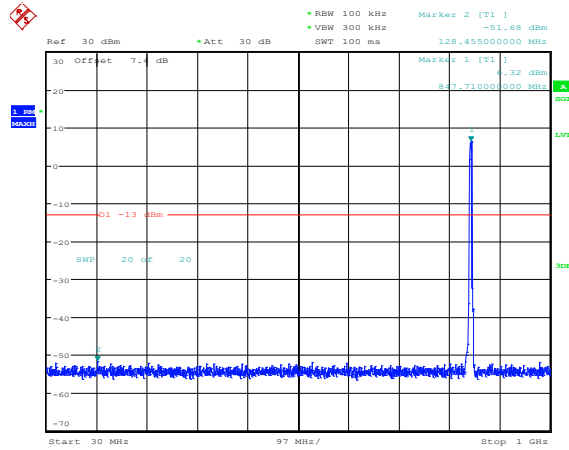
Date: 15.JUN.2023 12:25:08

Band5-4233-3-0.15~30MHz



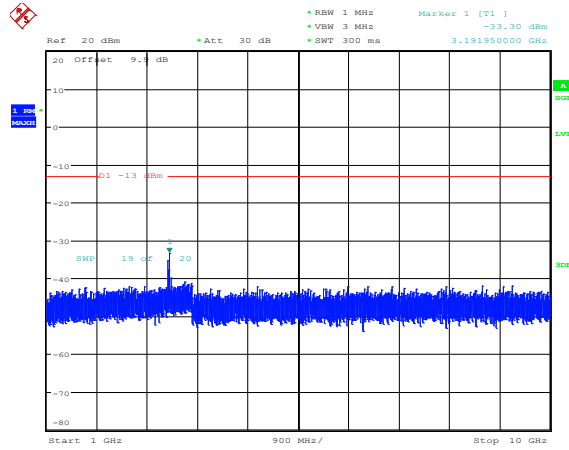
Date: 15.JUN.2023 12:25:16

Band5-4233-3-30~1000MHz



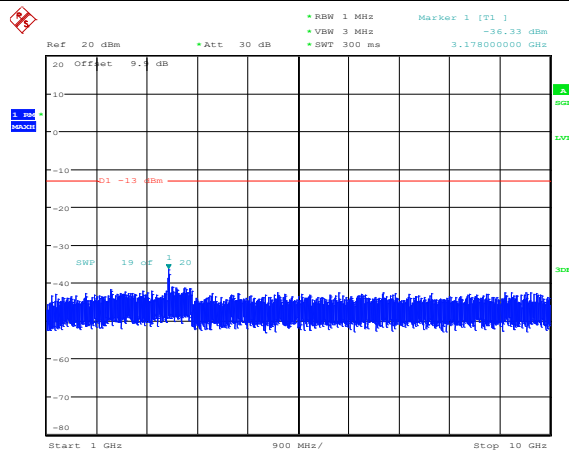
Date: 15.JUN.2023 12:25:27

Band5-4233-3-1000~10000MHz



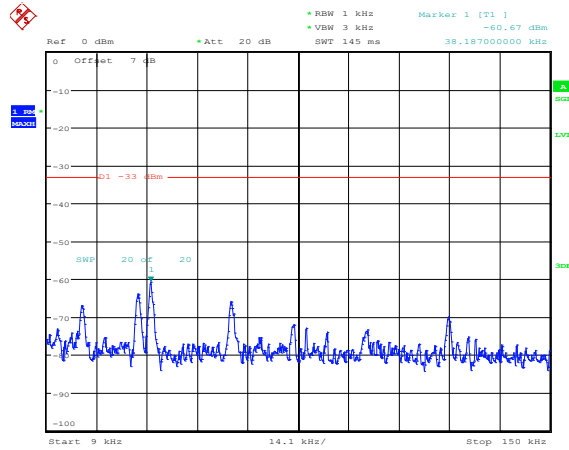
Date: 15.JUN.2023 12:25:41

Band5-4233-4-1000~10000MHz



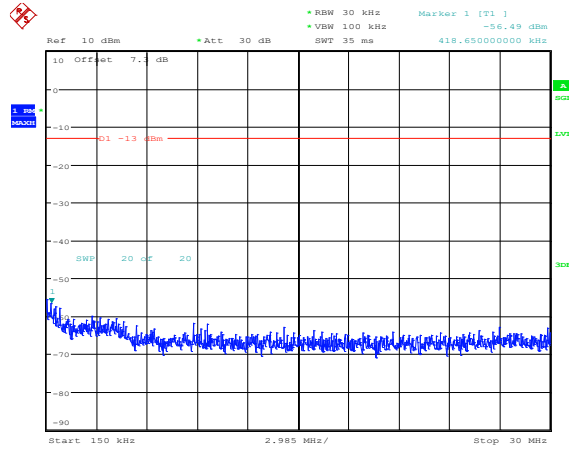
Date: 15.JUN.2023 12:28:27

Band5-4233-4-0.009~0.15MHz



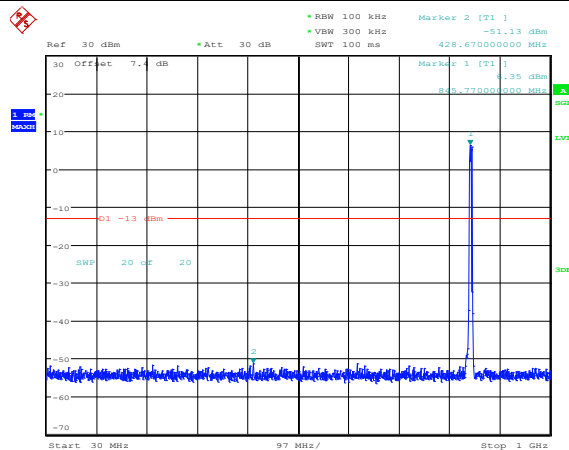
Date: 15.JUN.2023 12:27:55

Band5-4233-4-0.15~30MHz



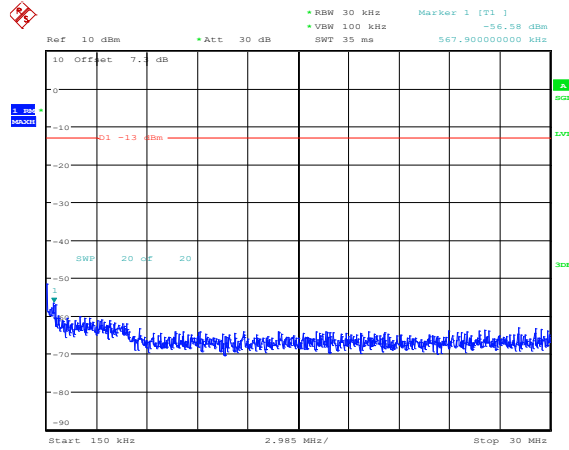
Date: 15.JUN.2023 12:28:03

Band5-4233-4-30~1000MHz



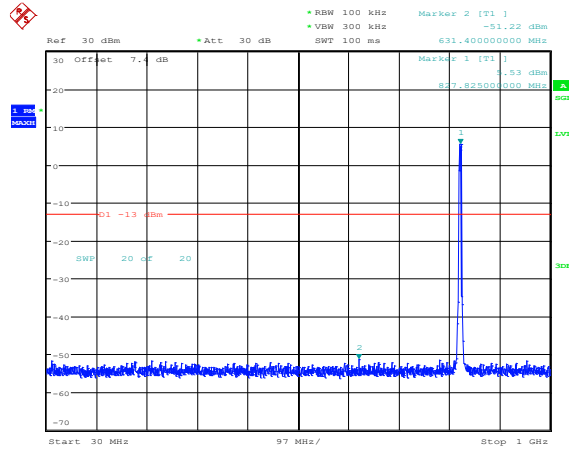
Date: 15.JUN.2023 12:28:14

Band5-4132-1-0.15~30MHz



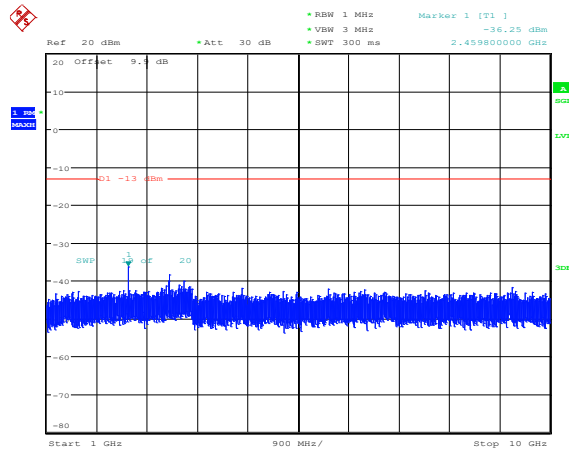
Date: 15.JUN.2023 14:04:22

Band5-4132-1-30~1000MHz



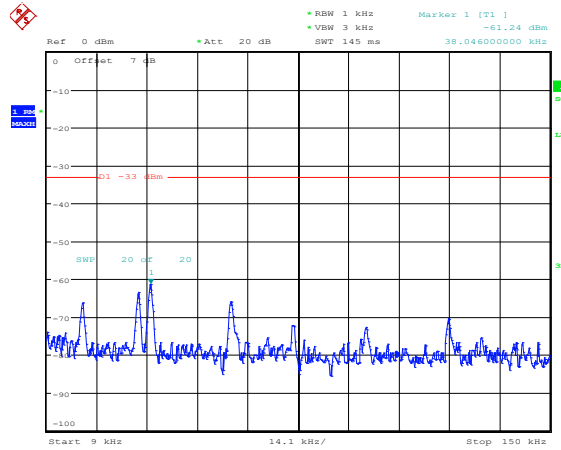
Date: 15.JUN.2023 14:04:33

Band5-4132-1-1000~10000MHz



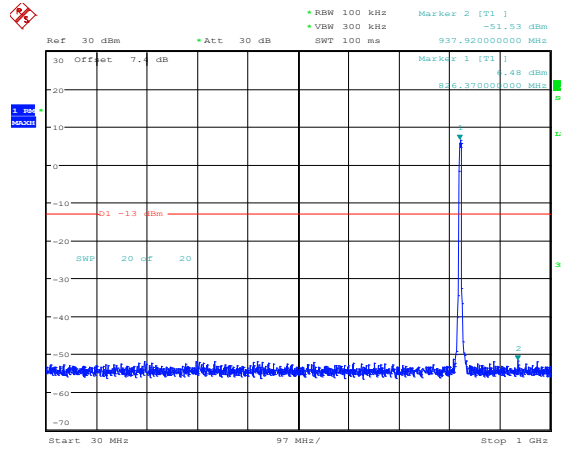
Date: 15.JUN.2023 14:04:46

Band5-4132-1-0.009~0.15MHz



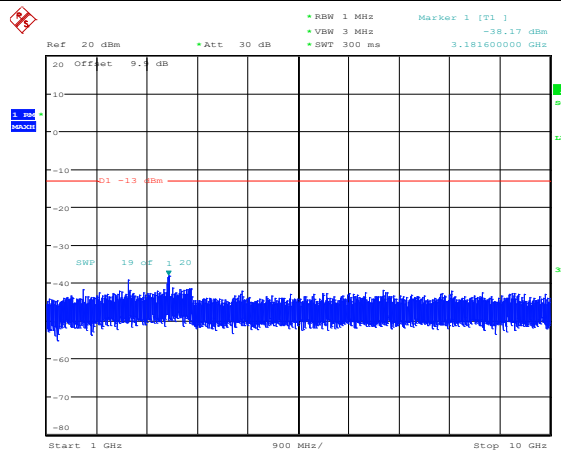
Date: 15.JUN.2023 14:04:13

Band5-4132-2-30~1000MHz



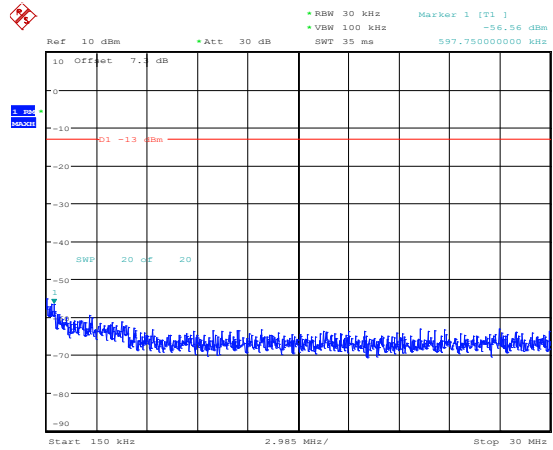
Date: 15.JUN.2023 14:09:40

Band5-4132-2-1000~10000MHz



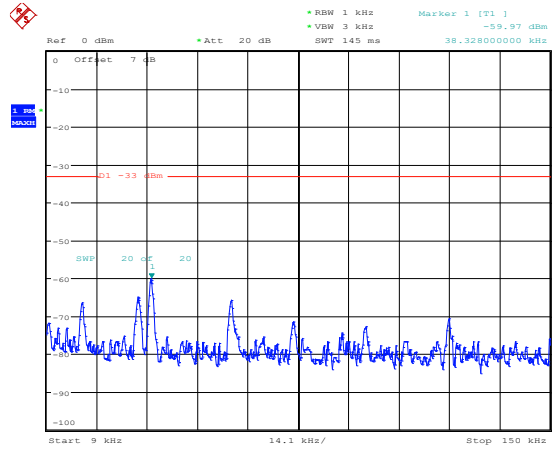
Date: 15.JUN.2023 14:09:53

Band5-4132-2-0.15~30MHz



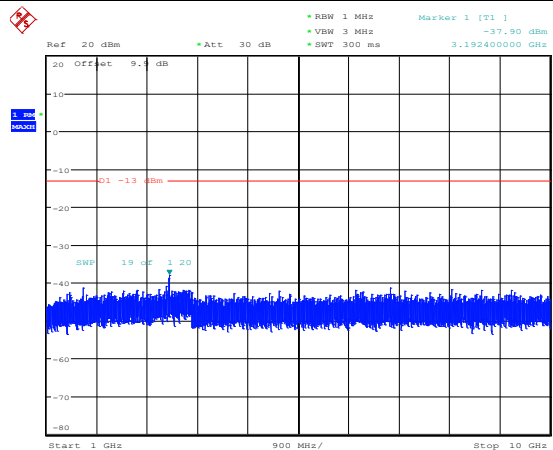
Date: 15.JUN.2023 14:09:29

Band5-4132-2-0.009~0.15MHz



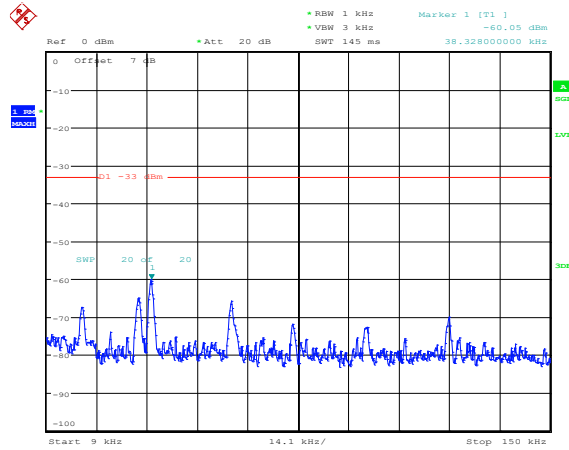
Date: 15.JUN.2023 14:09:21

Band5-4132-3-1000~10000MHz



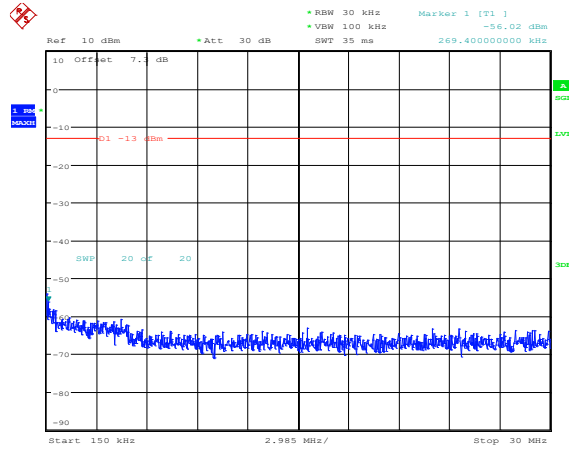
Date: 15.JUN.2023 14:14:57

Band5-4132-3-0.009~0.15MHz



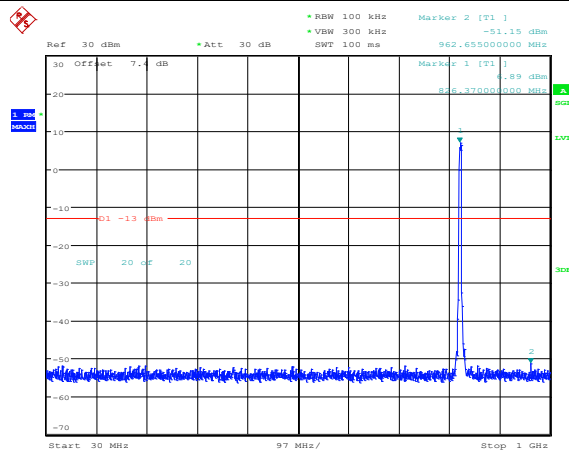
Date: 15.JUN.2023 14:14:25

Band5-4132-3-0.15~30MHz



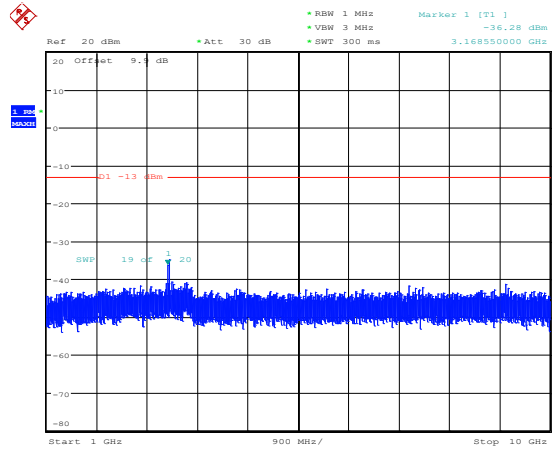
Date: 15.JUN.2023 14:14:33

Band5-4132-3-30~1000MHz



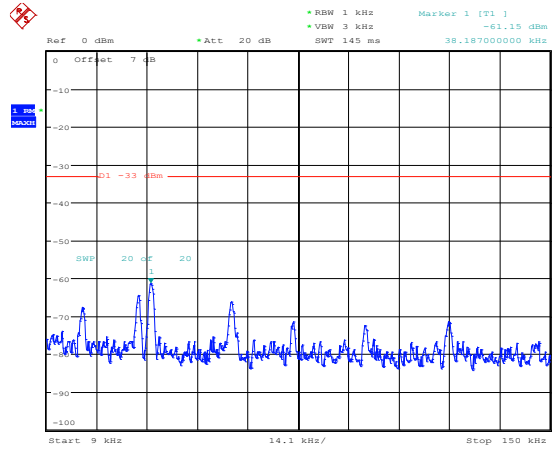
Date: 15.JUN.2023 14:14:44

Band5-4132-4-1000~10000MHz



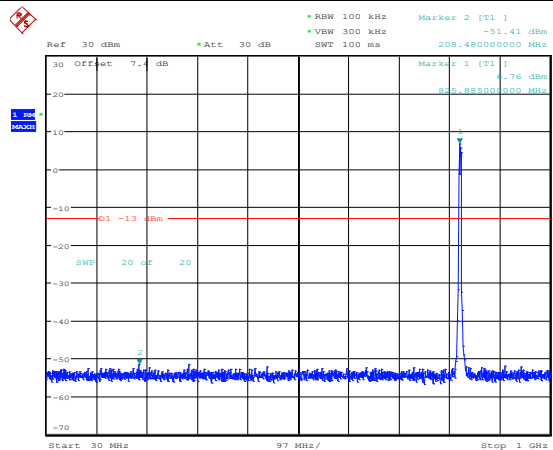
Date: 15.JUN.2023 14:19:51

Band5-4132-4-0.009~0.15MHz



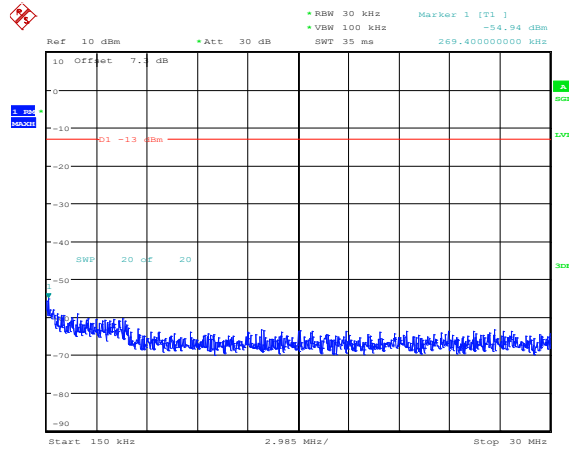
Date: 15.JUN.2023 14:19:19

Band5-4132-4-30~1000MHz



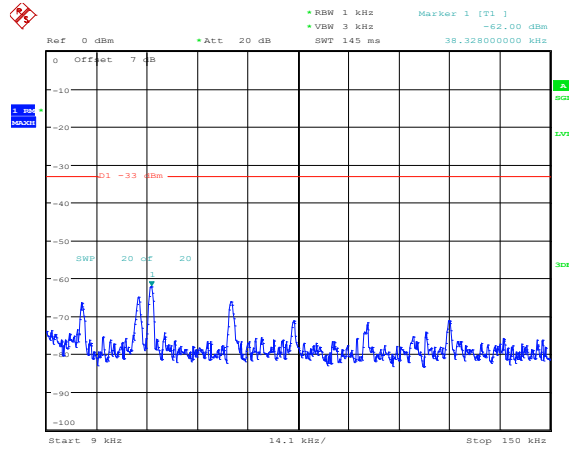
Date: 15.JUN.2023 14:19:38

Band5-4132-4-0.15~30MHz



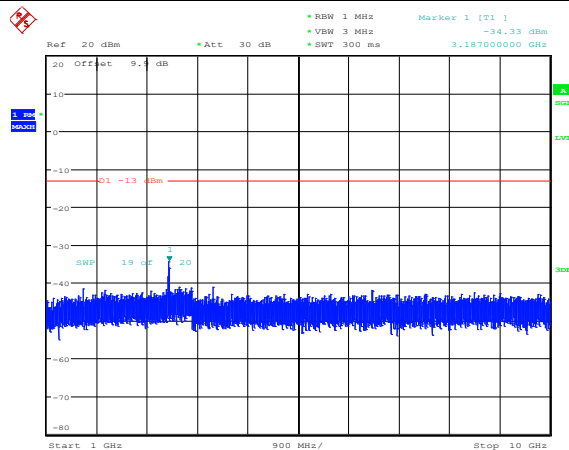
Date: 15.JUN.2023 14:19:27

Band5-4132-5-0.009~0.15MHz



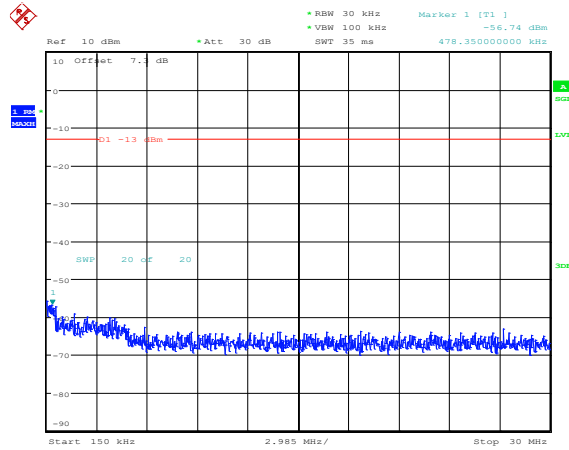
Date: 15.JUN.2023 14:24:12

Band5-4132-5-1000~10000MHz



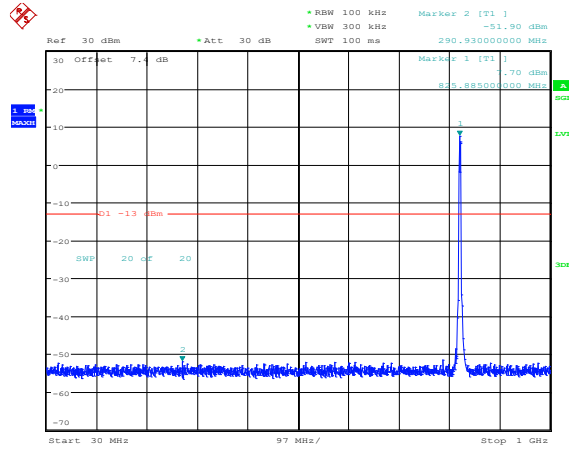
Date: 15.JUN.2023 14:24:44

Band5-4132-5-0.15~30MHz



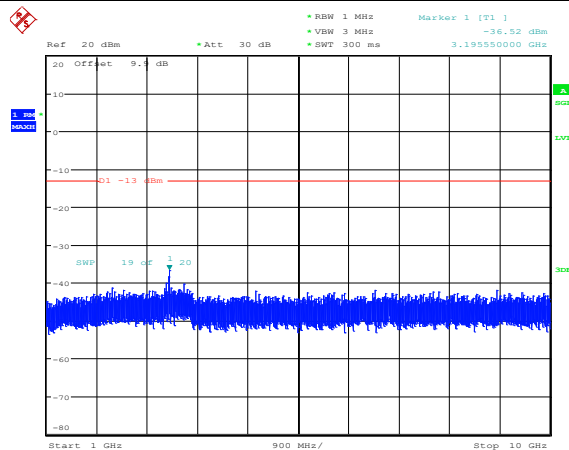
Date: 15.JUN.2023 14:24:20

Band5-4132-5-30~1000MHz



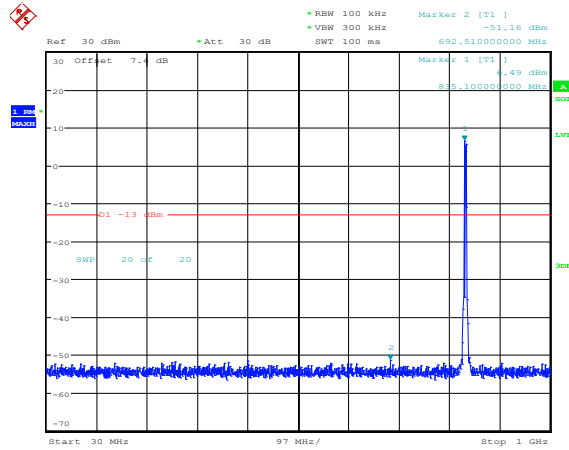
Date: 15.JUN.2023 14:24:31

Band5-4182-1-1000~10000MHz



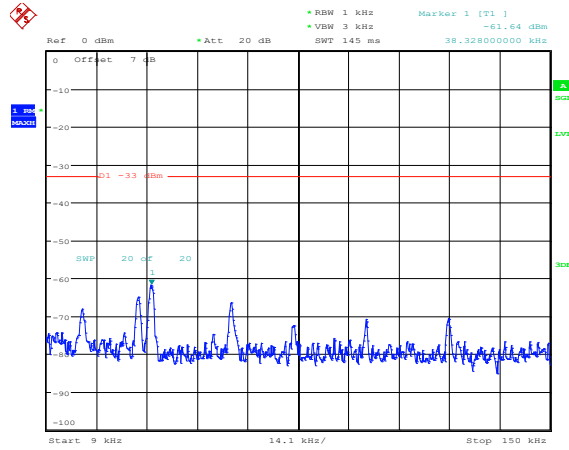
Date: 15.JUN.2023 14:06:32

Band5-4182-1-30~1000MHz



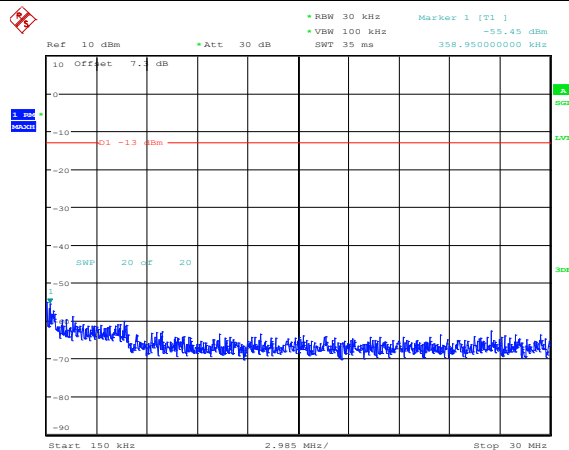
Date: 15.JUN.2023 14:06:19

Band5-4182-1-0.009~0.15MHz



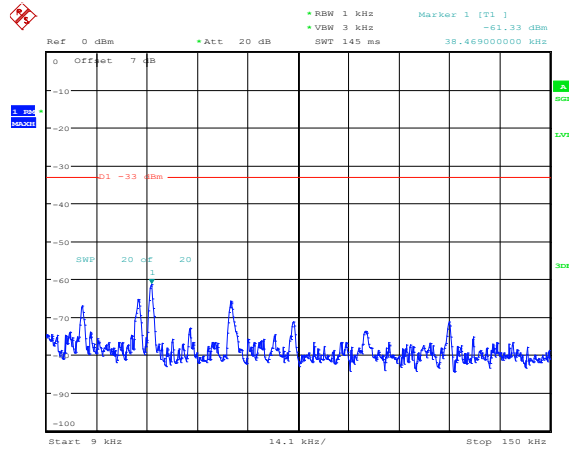
Date: 15.JUN.2023 14:06:00

Band5-4182-1-0.15~30MHz



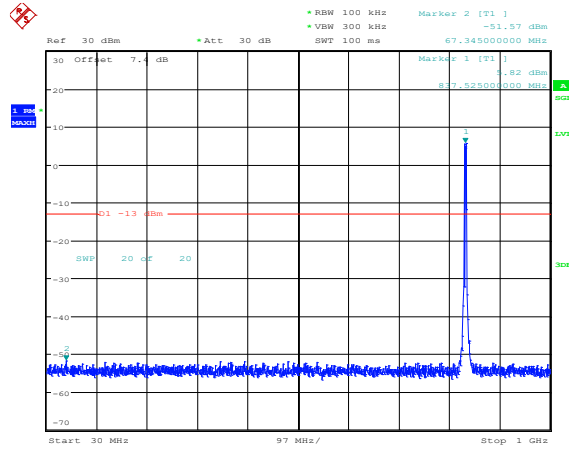
Date: 15.JUN.2023 14:06:08

Band5-4182-2-0.009~0.15MHz



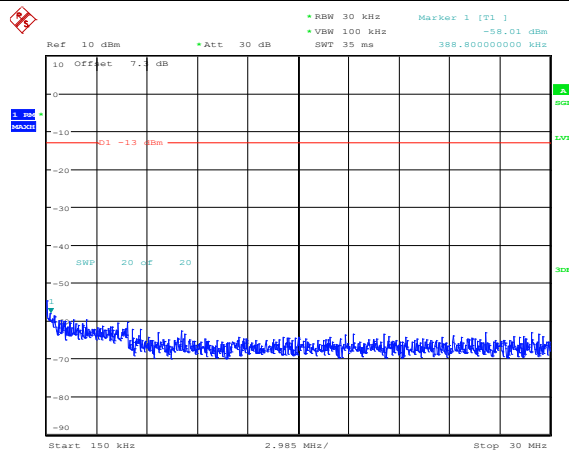
Date: 15.JUN.2023 14:10:57

Band5-4182-2-30~1000MHz



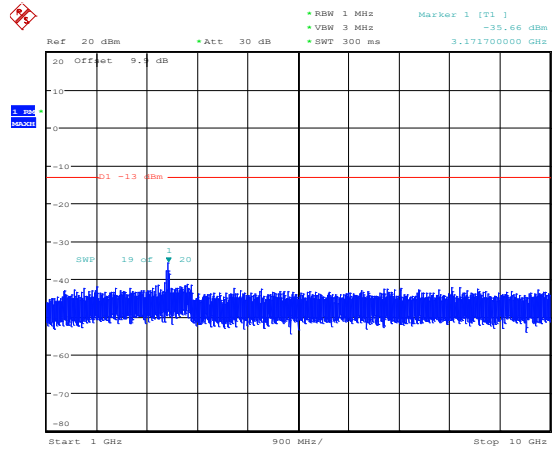
Date: 15.JUN.2023 14:11:16

Band5-4182-2-0.15~30MHz



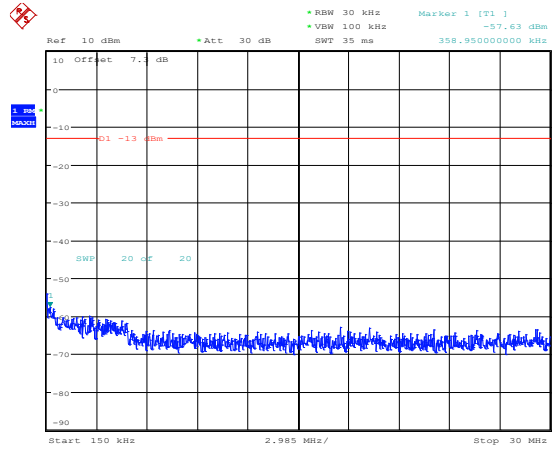
Date: 15.JUN.2023 14:11:05

Band5-4182-2-1000~10000MHz



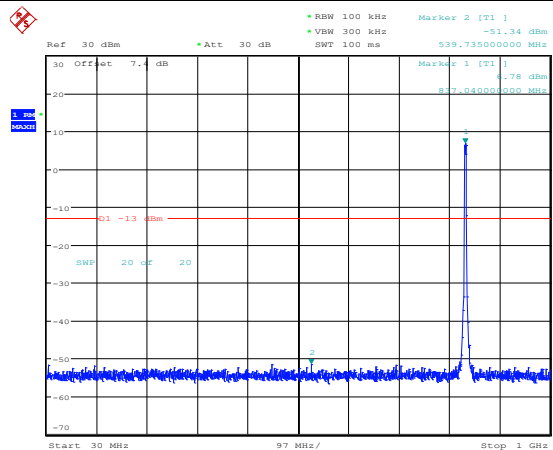
Date: 15.JUN.2023 14:11:29

Band5-4182-3-0.15~30MHz



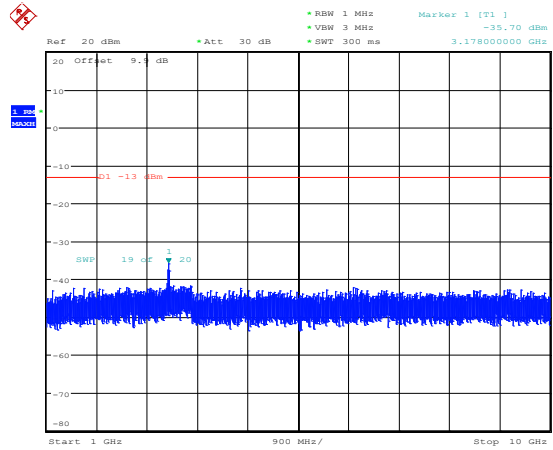
Date: 15.JUN.2023 14:16:10

Band5-4182-3-30~1000MHz



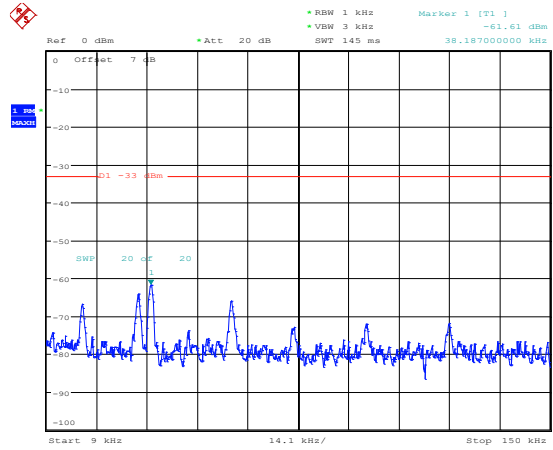
Date: 15.JUN.2023 14:16:21

Band5-4182-3-1000~10000MHz



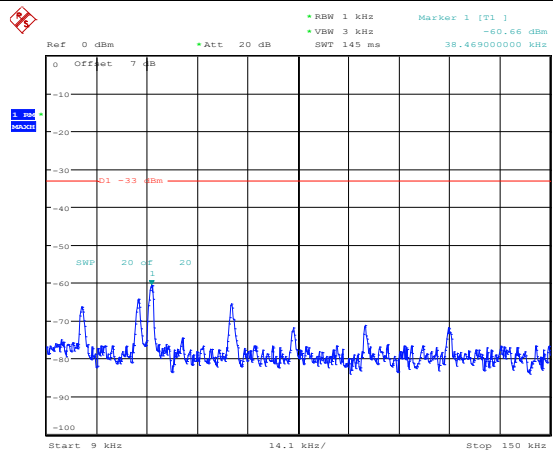
Date: 15.JUN.2023 14:16:34

Band5-4182-3-0.009~0.15MHz



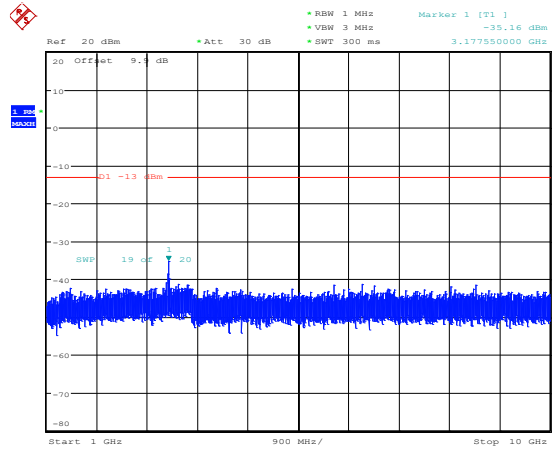
Date: 15.JUN.2023 14:16:02

Band5-4182-4-0.009~0.15MHz



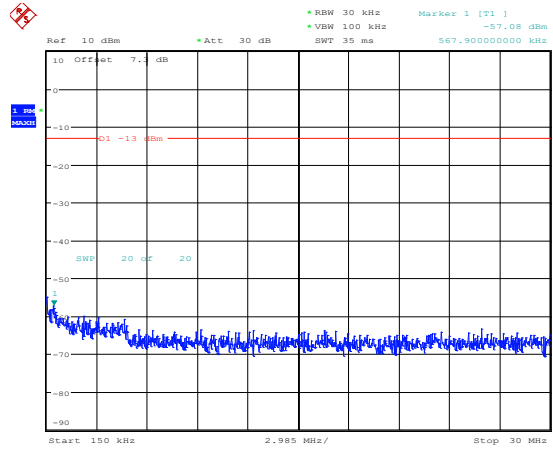
Date: 15.JUN.2023 14:20:54

Band5-4182-4-1000~10000MHz



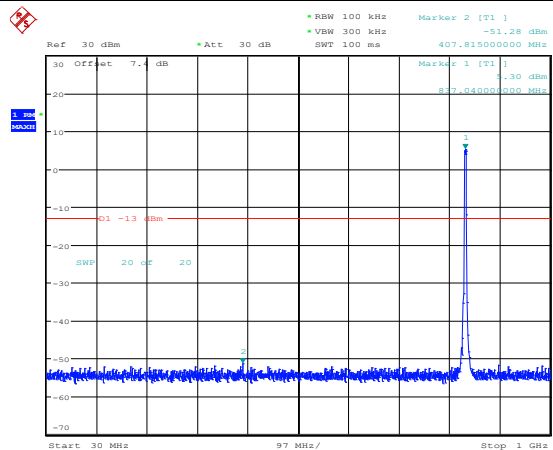
Date: 15.JUN.2023 14:21:26

Band5-4182-4-0.15~30MHz



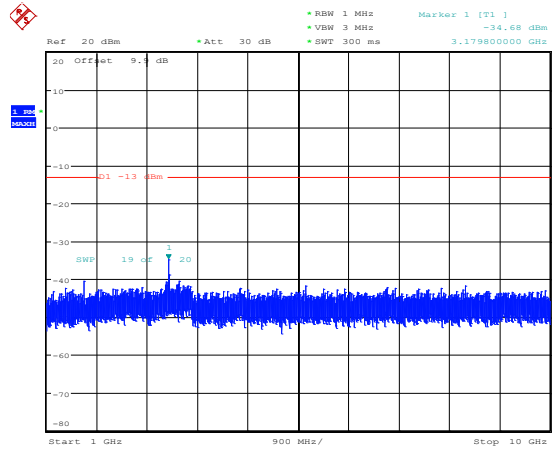
Date: 15.JUN.2023 14:21:02

Band5-4182-4-30~1000MHz



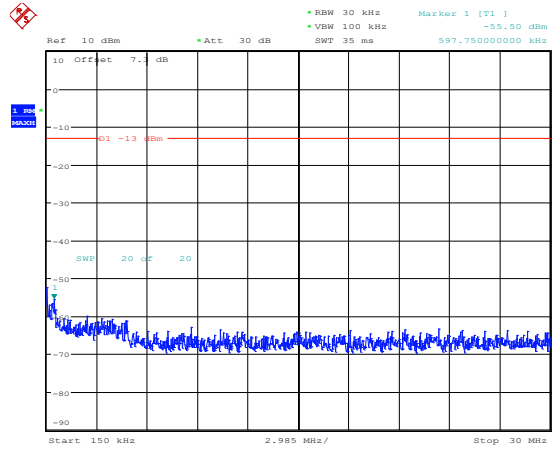
Date: 15.JUN.2023 14:21:13

Band5-4182-5-1000~10000MHz



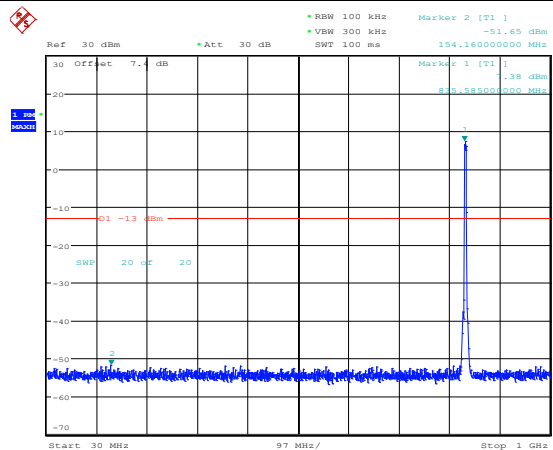
Date: 15.JUN.2023 14:25:48

Band5-4182-5-0.15~30MHz



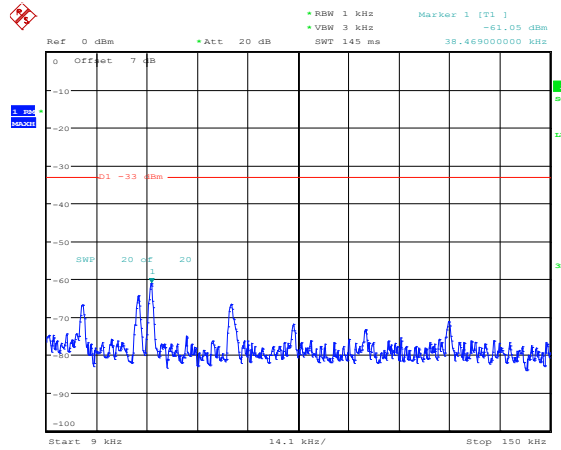
Date: 15.JUN.2023 14:25:24

Band5-4182-5-30~1000MHz



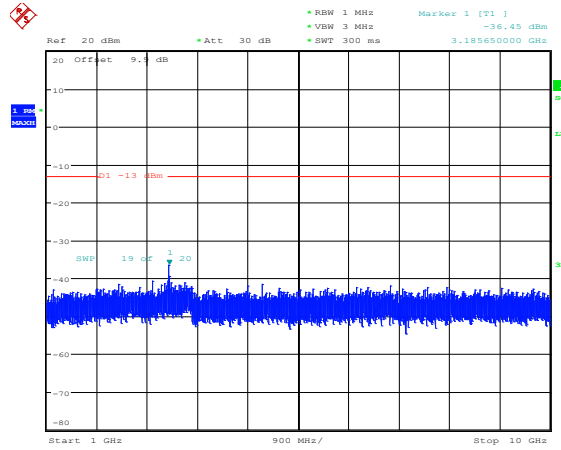
Date: 15.JUN.2023 14:25:35

Band5-4182-5-0.009~0.15MHz



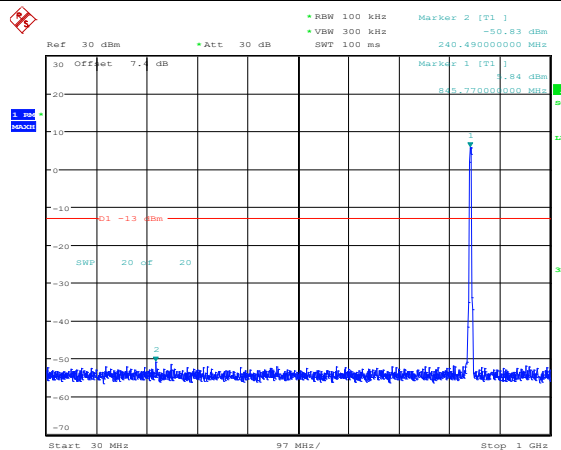
Date: 15.JUN.2023 14:25:16

Band5-4233-1-1000~10000MHz



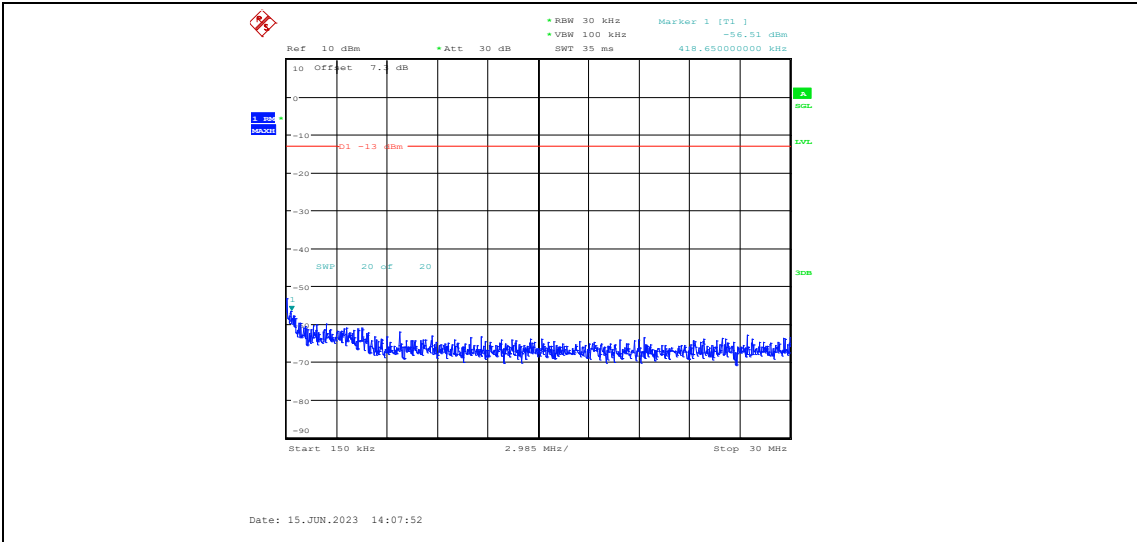
Date: 15.JUN.2023 14:08:16

Band5-4233-1-30~1000MHz

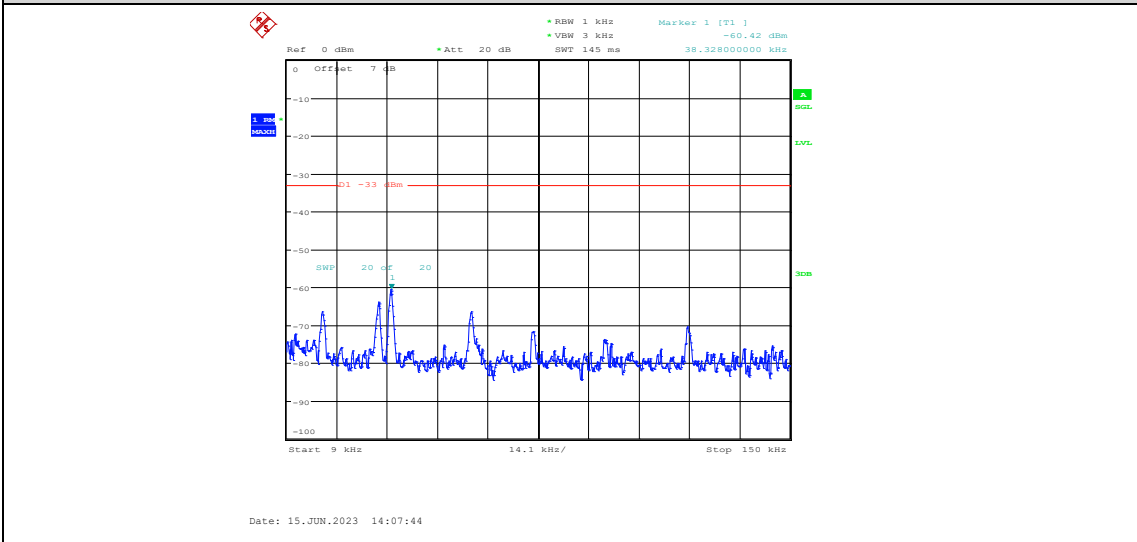


Date: 15.JUN.2023 14:08:03

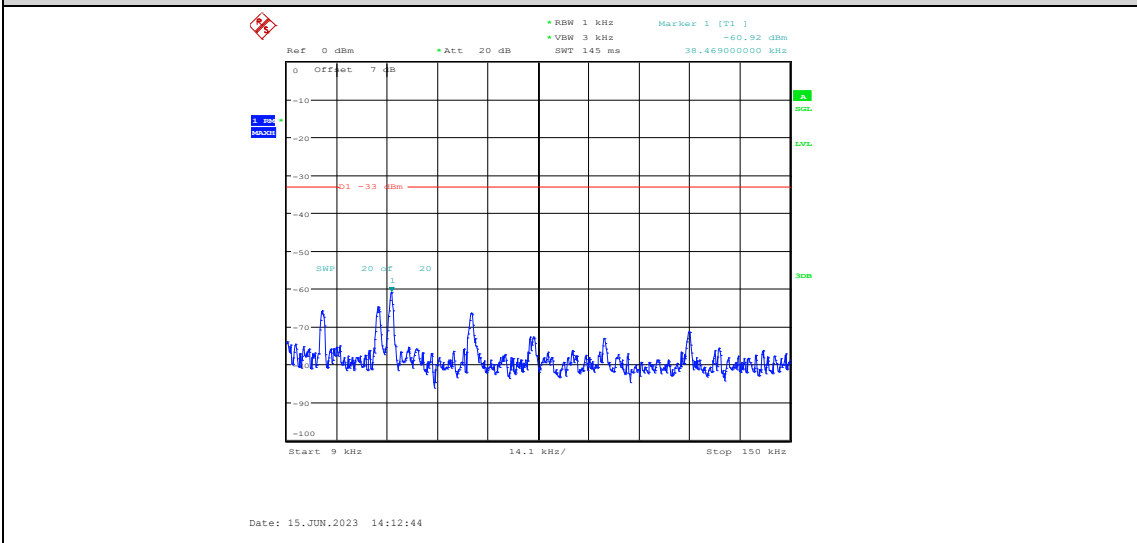
Band5-4233-1-0.15~30MHz



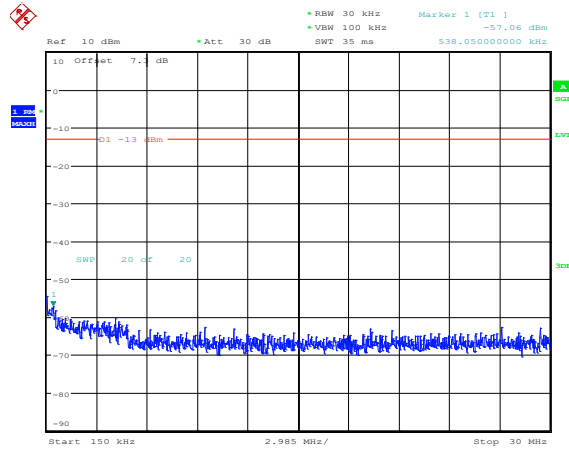
Band5-4233-1-0.009~0.15MHz



Band5-4233-2-0.009~0.15MHz

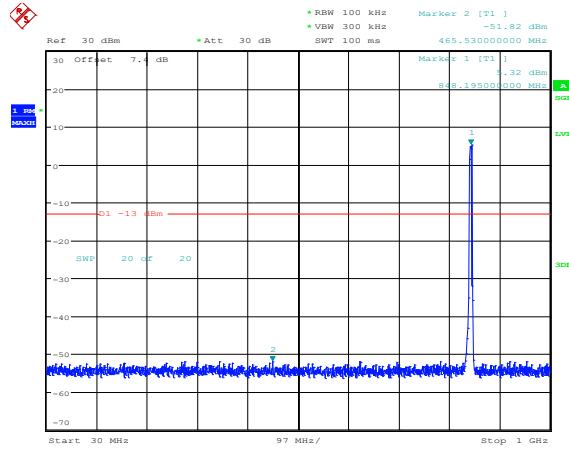


Band5-4233-2-0.15~30MHz



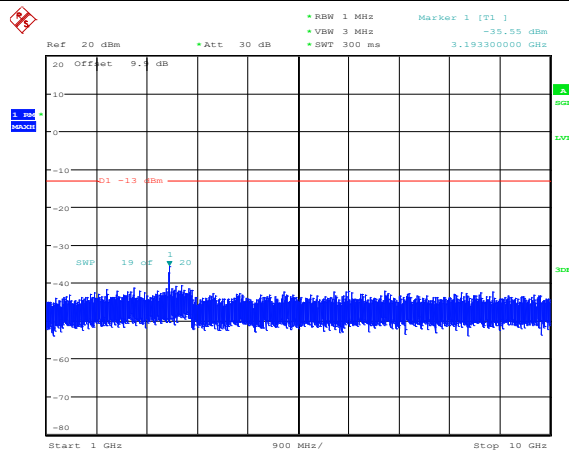
Date: 15.JUN.2023 14:12:52

Band5-4233-2-30~1000MHz



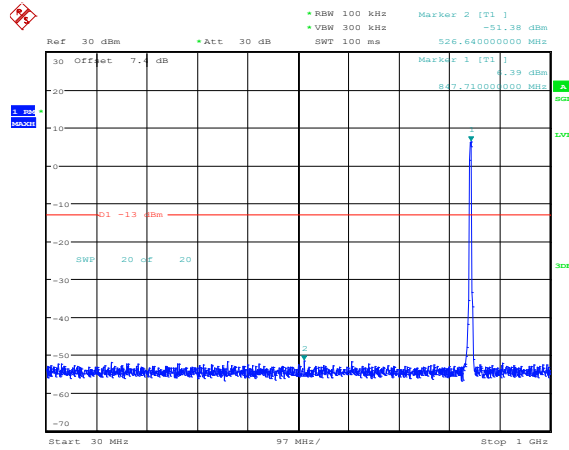
Date: 15.JUN.2023 14:13:03

Band5-4233-2-1000~10000MHz



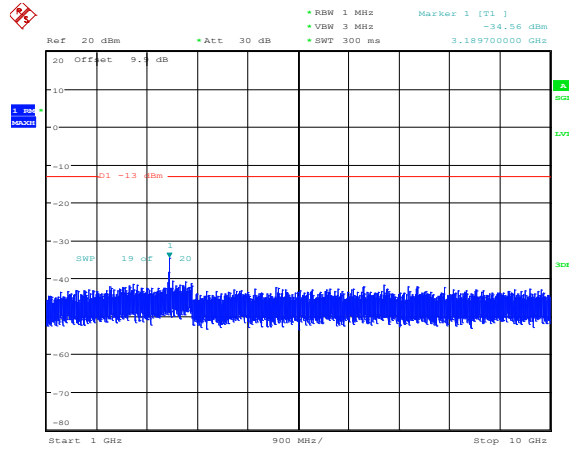
Date: 15.JUN.2023 14:13:16

Band5-4233-3-30~1000MHz



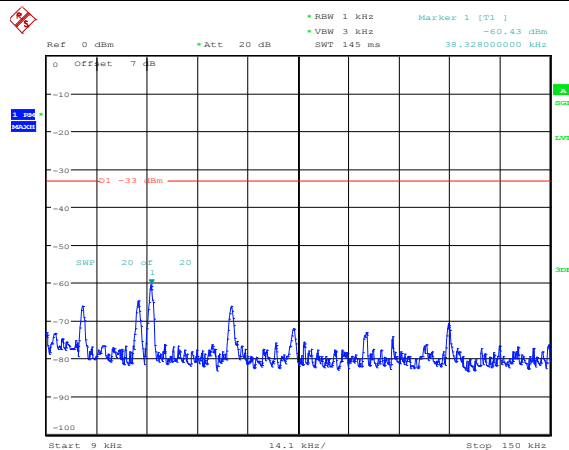
Date: 15.JUN.2023 14:18:09

Band5-4233-3-1000~10000MHz



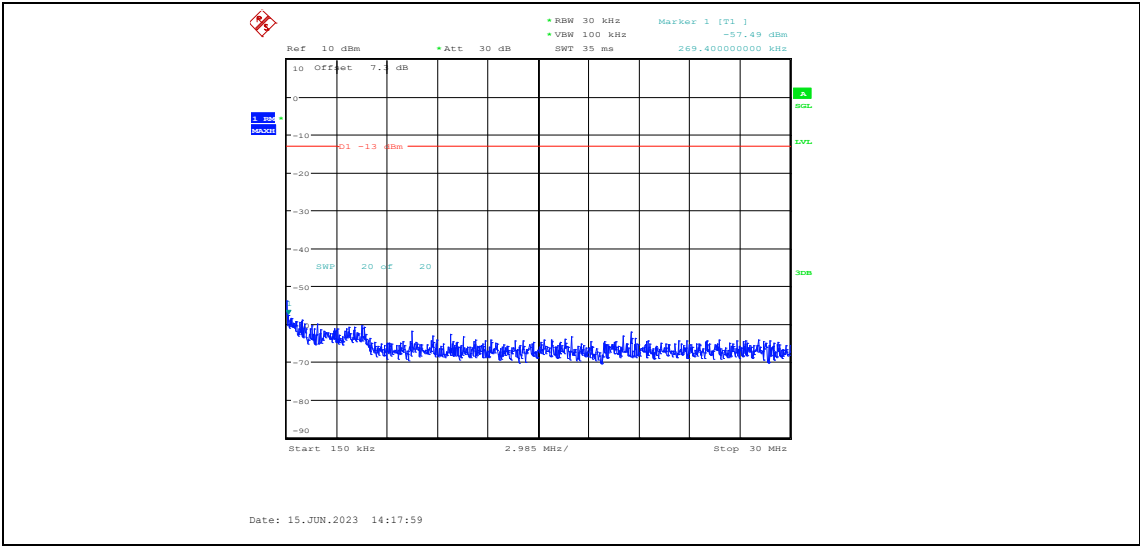
Date: 15.JUN.2023 14:18:23

Band5-4233-3-0.009~0.15MHz

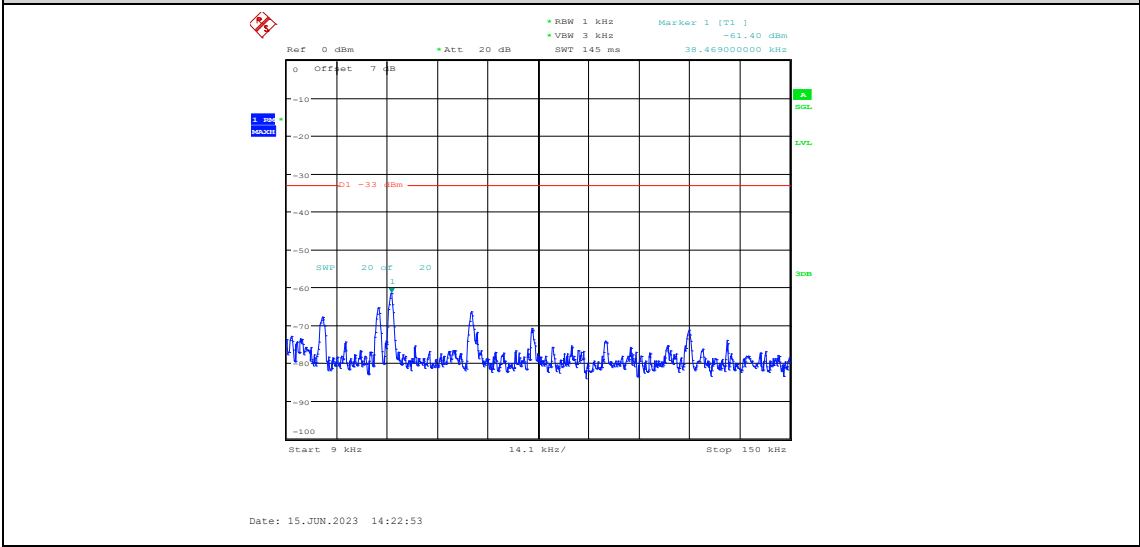


Date: 15.JUN.2023 14:17:50

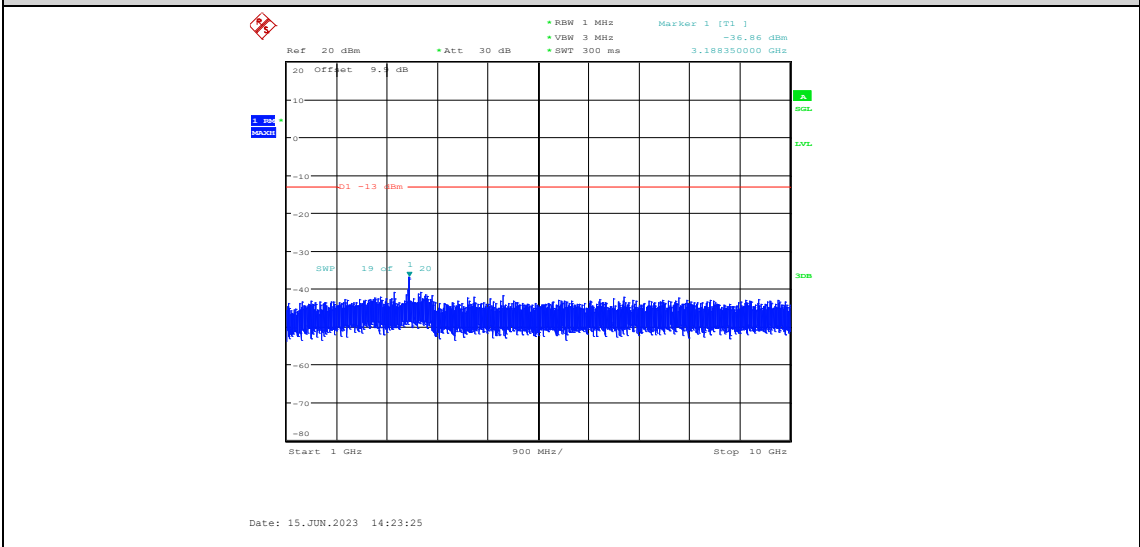
Band5-4233-3-0.15~30MHz



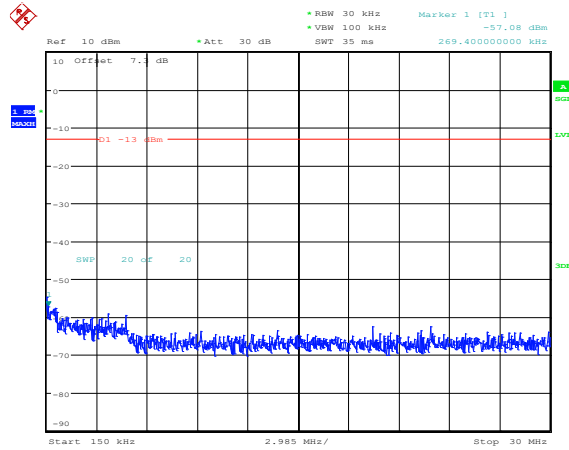
Band5-4233-4-0.009~0.15MHz



Band5-4233-4-1000~10000MHz

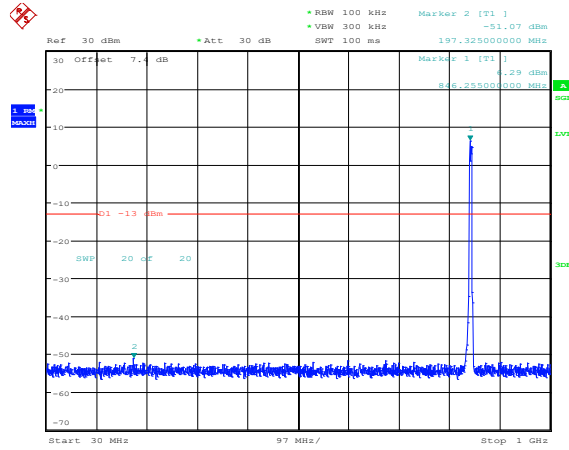


Band5-4233-4-0.15~30MHz



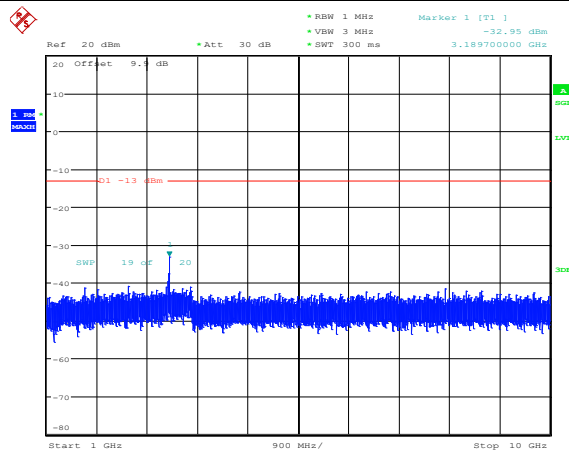
Date: 15.JUN.2023 14:23:01

Band5-4233-4-30~1000MHz



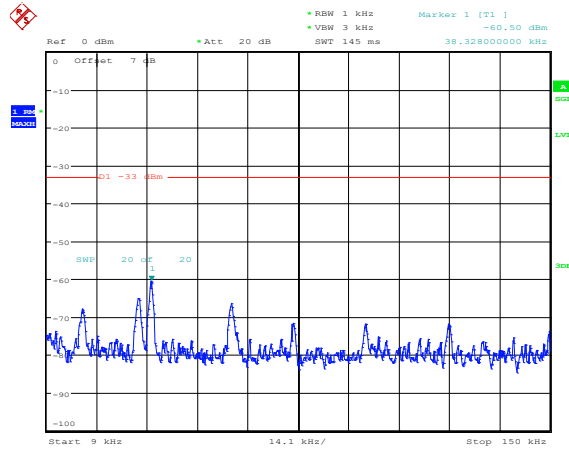
Date: 15.JUN.2023 14:23:12

Band5-4233-5-1000~10000MHz



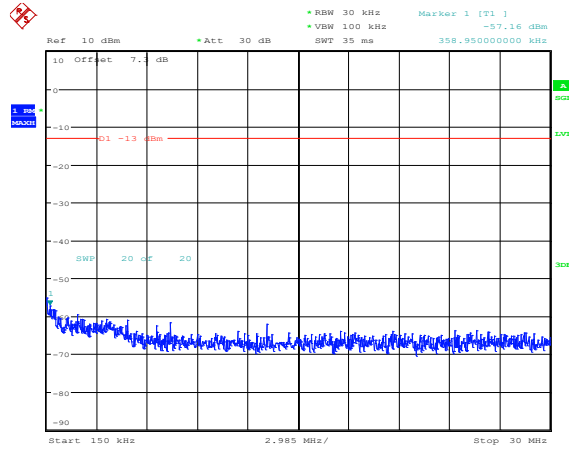
Date: 15.JUN.2023 14:26:54

Band5-4233-5-0.009~0.15MHz



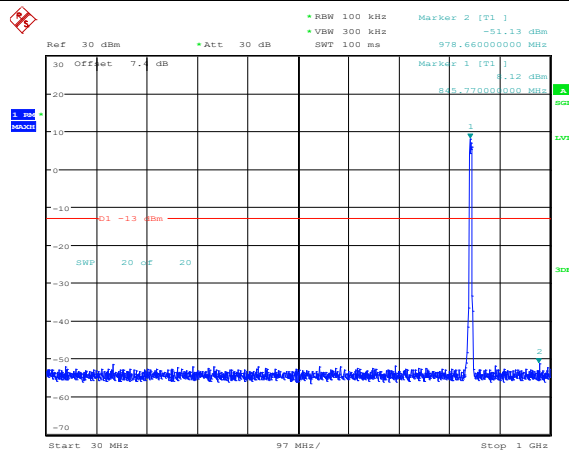
Date: 15.JUN.2023 14:26:22

Band5-4233-5-0.15~30MHz



Date: 15.JUN.2023 14:26:30

Band5-4233-5-30~1000MHz



Date: 15.JUN.2023 14:26:41

Appendix F: Frequency Stability

Test Result

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	VL	NT	-4.51	-0.005457	±2.5	PASS
Band5	4132	VN	NT	-4.98	-0.006026	±2.5	PASS
Band5	4132	VH	NT	-3.43	-0.004151	±2.5	PASS
Band5	4182	VL	NT	-2.89	-0.003455	±2.5	PASS
Band5	4182	VN	NT	-5.68	-0.006791	±2.5	PASS
Band5	4182	VH	NT	-1.99	-0.002379	±2.5	PASS
Band5	4233	VL	NT	-3.40	-0.004016	±2.5	PASS
Band5	4233	VN	NT	-2.60	-0.003071	±2.5	PASS
Band5	4233	VH	NT	-4.18	-0.004937	±2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	NV	-30	-4.08	-0.004937	±2.5	PASS
Band5	4132	NV	-20	-4.59	-0.005554	±2.5	PASS
Band5	4132	NV	0	-5.77	-0.006982	±2.5	PASS
Band5	4132	NV	10	-3.07	-0.003715	±2.5	PASS
Band5	4132	NV	20	-3.62	-0.004380	±2.5	PASS
Band5	4182	NV	-30	-3.51	-0.004197	±2.5	PASS
Band5	4182	NV	-20	-3.88	-0.004639	±2.5	PASS
Band5	4182	NV	0	-5.69	-0.006803	±2.5	PASS
Band5	4182	NV	10	-4.00	-0.004782	±2.5	PASS
Band5	4182	NV	20	-4.35	-0.005201	±2.5	PASS
Band5	4233	NV	-30	-5.27	-0.006225	±2.5	PASS
Band5	4233	NV	-20	-2.54	-0.003000	±2.5	PASS
Band5	4233	NV	0	-2.90	-0.003425	±2.5	PASS
Band5	4233	NV	10	-0.31	-0.000366	±2.5	PASS
Band5	4233	NV	20	-1.54	-0.001819	±2.5	PASS

Voltage								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	1	VL	NT	-4.84	-0.005857	±2.5	PASS
Band5	4132	1	VN	NT	-3.01	-0.003642	±2.5	PASS
Band5	4132	1	VH	NT	-2.73	-0.003303	±2.5	PASS
Band5	4132	2	VL	NT	-4.02	-0.004864	±2.5	PASS
Band5	4132	2	VN	NT	-1.67	-0.002021	±2.5	PASS
Band5	4132	2	VH	NT	-2.60	-0.003146	±2.5	PASS
Band5	4132	3	VL	NT	-3.03	-0.003667	±2.5	PASS
Band5	4132	3	VN	NT	-2.52	-0.003049	±2.5	PASS
Band5	4132	3	VH	NT	-3.55	-0.004296	±2.5	PASS
Band5	4132	4	VL	NT	-2.47	-0.002989	±2.5	PASS
Band5	4132	4	VN	NT	-1.70	-0.002057	±2.5	PASS
Band5	4132	4	VH	NT	-2.82	-0.003412	±2.5	PASS
Band5	4182	1	VL	NT	-4.69	-0.005607	±2.5	PASS
Band5	4182	1	VN	NT	-3.92	-0.004687	±2.5	PASS
Band5	4182	1	VH	NT	-5.69	-0.006803	±2.5	PASS
Band5	4182	2	VL	NT	-3.53	-0.004220	±2.5	PASS
Band5	4182	2	VN	NT	-2.60	-0.003109	±2.5	PASS
Band5	4182	2	VH	NT	-2.32	-0.002774	±2.5	PASS
Band5	4182	3	VL	NT	-2.48	-0.002965	±2.5	PASS
Band5	4182	3	VN	NT	-1.34	-0.001602	±2.5	PASS
Band5	4182	3	VH	NT	-2.55	-0.003049	±2.5	PASS
Band5	4182	4	VL	NT	-1.64	-0.001961	±2.5	PASS
Band5	4182	4	VN	NT	-3.27	-0.003910	±2.5	PASS
Band5	4182	4	VH	NT	-4.04	-0.004830	±2.5	PASS
Band5	4233	1	VL	NT	-2.52	-0.002977	±2.5	PASS
Band5	4233	1	VN	NT	-2.37	-0.002799	±2.5	PASS
Band5	4233	1	VH	NT	-2.21	-0.002610	±2.5	PASS
Band5	4233	2	VL	NT	-2.31	-0.002729	±2.5	PASS
Band5	4233	2	VN	NT	-3.92	-0.004630	±2.5	PASS
Band5	4233	2	VH	NT	-3.23	-0.003815	±2.5	PASS
Band5	4233	3	VL	NT	-4.58	-0.005410	±2.5	PASS
Band5	4233	3	VN	NT	-3.82	-0.004512	±2.5	PASS
Band5	4233	3	VH	NT	-3.86	-0.004559	±2.5	PASS
Band5	4233	4	VL	NT	-3.98	-0.004701	±2.5	PASS
Band5	4233	4	VN	NT	-4.06	-0.004796	±2.5	PASS
Band5	4233	4	VH	NT	-3.45	-0.004075	±2.5	PASS

Temperature								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	1	NV	-30	-2.88	-0.003485	±2.5	PASS
Band5	4132	1	NV	-20	-4.57	-0.005530	±2.5	PASS
Band5	4132	1	NV	0	0.24	0.000290	±2.5	PASS
Band5	4132	1	NV	10	-1.40	-0.001694	±2.5	PASS
Band5	4132	1	NV	20	-3.15	-0.003812	±2.5	PASS
Band5	4132	2	NV	-30	-3.28	-0.003969	±2.5	PASS
Band5	4132	2	NV	-20	-5.77	-0.006982	±2.5	PASS
Band5	4132	2	NV	0	-0.39	-0.000472	±2.5	PASS
Band5	4132	2	NV	10	-3.81	-0.004610	±2.5	PASS
Band5	4132	2	NV	20	-3.51	-0.004247	±2.5	PASS
Band5	4132	3	NV	-30	-2.36	-0.002856	±2.5	PASS
Band5	4132	3	NV	-20	-3.22	-0.003896	±2.5	PASS
Band5	4132	3	NV	0	-4.13	-0.004998	±2.5	PASS
Band5	4132	3	NV	10	-0.26	-0.000315	±2.5	PASS
Band5	4132	3	NV	20	-2.00	-0.002420	±2.5	PASS
Band5	4132	4	NV	-30	-0.44	-0.000532	±2.5	PASS
Band5	4132	4	NV	-20	-1.91	-0.002311	±2.5	PASS
Band5	4132	4	NV	0	-3.59	-0.004344	±2.5	PASS
Band5	4132	4	NV	10	-2.20	-0.002662	±2.5	PASS
Band5	4132	4	NV	20	-3.08	-0.003727	±2.5	PASS
Band5	4182	1	NV	-30	-1.32	-0.001578	±2.5	PASS
Band5	4182	1	NV	-20	-3.56	-0.004256	±2.5	PASS
Band5	4182	1	NV	0	-7.07	-0.008453	±2.5	PASS
Band5	4182	1	NV	10	-4.38	-0.005237	±2.5	PASS
Band5	4182	1	NV	20	-5.25	-0.006277	±2.5	PASS
Band5	4182	2	NV	-30	-3.37	-0.004029	±2.5	PASS
Band5	4182	2	NV	-20	-3.20	-0.003826	±2.5	PASS
Band5	4182	2	NV	0	-4.23	-0.005057	±2.5	PASS
Band5	4182	2	NV	10	-3.49	-0.004173	±2.5	PASS
Band5	4182	2	NV	20	-3.91	-0.004675	±2.5	PASS
Band5	4182	3	NV	-30	-2.40	-0.002869	±2.5	PASS
Band5	4182	3	NV	-20	-2.46	-0.002941	±2.5	PASS
Band5	4182	3	NV	0	-2.57	-0.003073	±2.5	PASS
Band5	4182	3	NV	10	-3.30	-0.003945	±2.5	PASS
Band5	4182	3	NV	20	-2.48	-0.002965	±2.5	PASS
Band5	4182	4	NV	-30	-4.31	-0.005153	±2.5	PASS
Band5	4182	4	NV	-20	-2.76	-0.003300	±2.5	PASS
Band5	4182	4	NV	0	-3.00	-0.003587	±2.5	PASS
Band5	4182	4	NV	10	-2.78	-0.003324	±2.5	PASS

Band5	4182	4	NV	20	-2.28	-0.002726	±2.5	PASS
Band5	4233	1	NV	-30	-1.52	-0.001795	±2.5	PASS
Band5	4233	1	NV	-20	-2.45	-0.002894	±2.5	PASS
Band5	4233	1	NV	0	-2.29	-0.002705	±2.5	PASS
Band5	4233	1	NV	10	-3.20	-0.003780	±2.5	PASS
Band5	4233	1	NV	20	-3.69	-0.004359	±2.5	PASS
Band5	4233	2	NV	-30	-3.63	-0.004288	±2.5	PASS
Band5	4233	2	NV	-20	-2.25	-0.002658	±2.5	PASS
Band5	4233	2	NV	0	-2.68	-0.003166	±2.5	PASS
Band5	4233	2	NV	10	-2.22	-0.002622	±2.5	PASS
Band5	4233	2	NV	20	-3.51	-0.004146	±2.5	PASS
Band5	4233	3	NV	-30	-4.10	-0.004843	±2.5	PASS
Band5	4233	3	NV	-20	-3.81	-0.004500	±2.5	PASS
Band5	4233	3	NV	0	-3.01	-0.003555	±2.5	PASS
Band5	4233	3	NV	10	-1.82	-0.002150	±2.5	PASS
Band5	4233	3	NV	20	-3.81	-0.004500	±2.5	PASS
Band5	4233	4	NV	-30	-3.00	-0.003544	±2.5	PASS
Band5	4233	4	NV	-20	-2.10	-0.002481	±2.5	PASS
Band5	4233	4	NV	0	-0.24	-0.000283	±2.5	PASS
Band5	4233	4	NV	10	-3.00	-0.003544	±2.5	PASS
Band5	4233	4	NV	20	-2.46	-0.002906	±2.5	PASS

Voltage								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	1	VL	NT	-4.92	-0.005954	±2.5	PASS
Band5	4132	1	VN	NT	-4.38	-0.005300	±2.5	PASS
Band5	4132	1	VH	NT	-3.82	-0.004622	±2.5	PASS
Band5	4132	2	VL	NT	-3.85	-0.004659	±2.5	PASS
Band5	4132	2	VN	NT	-3.66	-0.004429	±2.5	PASS
Band5	4132	2	VH	NT	-4.26	-0.005155	±2.5	PASS
Band5	4132	3	VL	NT	-3.27	-0.003957	±2.5	PASS
Band5	4132	3	VN	NT	-3.55	-0.004296	±2.5	PASS
Band5	4132	3	VH	NT	-4.34	-0.005252	±2.5	PASS
Band5	4132	4	VL	NT	-4.56	-0.005518	±2.5	PASS
Band5	4132	4	VN	NT	-3.21	-0.003884	±2.5	PASS
Band5	4132	4	VH	NT	-4.58	-0.005542	±2.5	PASS
Band5	4132	5	VL	NT	-3.39	-0.004102	±2.5	PASS
Band5	4132	5	VN	NT	-2.48	-0.003001	±2.5	PASS
Band5	4132	5	VH	NT	-3.73	-0.004514	±2.5	PASS
Band5	4182	1	VL	NT	-1.50	-0.001793	±2.5	PASS
Band5	4182	1	VN	NT	-4.64	-0.005548	±2.5	PASS
Band5	4182	1	VH	NT	-2.62	-0.003132	±2.5	PASS
Band5	4182	2	VL	NT	-3.25	-0.003886	±2.5	PASS
Band5	4182	2	VN	NT	-4.20	-0.005022	±2.5	PASS
Band5	4182	2	VH	NT	-2.74	-0.003276	±2.5	PASS
Band5	4182	3	VL	NT	-3.62	-0.004328	±2.5	PASS
Band5	4182	3	VN	NT	-3.18	-0.003802	±2.5	PASS
Band5	4182	3	VH	NT	-2.83	-0.003384	±2.5	PASS
Band5	4182	4	VL	NT	-4.20	-0.005022	±2.5	PASS
Band5	4182	4	VN	NT	-2.55	-0.003049	±2.5	PASS
Band5	4182	4	VH	NT	-2.92	-0.003491	±2.5	PASS
Band5	4182	5	VL	NT	-3.09	-0.003694	±2.5	PASS
Band5	4182	5	VN	NT	-3.32	-0.003969	±2.5	PASS
Band5	4182	5	VH	NT	-2.25	-0.002690	±2.5	PASS
Band5	4233	1	VL	NT	-3.28	-0.003874	±2.5	PASS
Band5	4233	1	VN	NT	-3.96	-0.004678	±2.5	PASS
Band5	4233	1	VH	NT	-3.97	-0.004689	±2.5	PASS
Band5	4233	2	VL	NT	-3.83	-0.004524	±2.5	PASS
Band5	4233	2	VN	NT	-4.23	-0.004996	±2.5	PASS
Band5	4233	2	VH	NT	-4.96	-0.005859	±2.5	PASS
Band5	4233	3	VL	NT	-2.64	-0.003118	±2.5	PASS
Band5	4233	3	VN	NT	-1.85	-0.002185	±2.5	PASS

Band5	4233	3	VH	NT	-3.23	-0.003815	±2.5	PASS
Band5	4233	4	VL	NT	-2.15	-0.002540	±2.5	PASS
Band5	4233	4	VN	NT	-2.50	-0.002953	±2.5	PASS
Band5	4233	4	VH	NT	-2.22	-0.002622	±2.5	PASS
Band5	4233	5	VL	NT	-3.60	-0.004252	±2.5	PASS
Band5	4233	5	VN	NT	-2.49	-0.002941	±2.5	PASS
Band5	4233	5	VH	NT	-4.64	-0.005481	±2.5	PASS

Temperature								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	1	NV	-30	-4.73	-0.005724	±2.5	PASS
Band5	4132	1	NV	-20	-3.98	-0.004816	±2.5	PASS
Band5	4132	1	NV	0	-3.79	-0.004586	±2.5	PASS
Band5	4132	1	NV	10	-3.55	-0.004296	±2.5	PASS
Band5	4132	1	NV	20	-4.62	-0.005591	±2.5	PASS
Band5	4132	2	NV	-30	-3.13	-0.003788	±2.5	PASS
Band5	4132	2	NV	-20	-4.67	-0.005651	±2.5	PASS
Band5	4132	2	NV	0	-4.12	-0.004985	±2.5	PASS
Band5	4132	2	NV	10	-3.05	-0.003691	±2.5	PASS
Band5	4132	2	NV	20	-4.61	-0.005578	±2.5	PASS
Band5	4132	3	NV	-30	-5.35	-0.006474	±2.5	PASS
Band5	4132	3	NV	-20	-4.28	-0.005179	±2.5	PASS
Band5	4132	3	NV	0	-4.62	-0.005591	±2.5	PASS
Band5	4132	3	NV	10	-5.24	-0.006341	±2.5	PASS
Band5	4132	3	NV	20	-4.44	-0.005373	±2.5	PASS
Band5	4132	4	NV	-30	-3.30	-0.003993	±2.5	PASS
Band5	4132	4	NV	-20	-4.34	-0.005252	±2.5	PASS
Band5	4132	4	NV	0	-4.26	-0.005155	±2.5	PASS
Band5	4132	4	NV	10	-3.18	-0.003848	±2.5	PASS
Band5	4132	4	NV	20	-4.26	-0.005155	±2.5	PASS
Band5	4132	5	NV	-30	-2.73	-0.003303	±2.5	PASS
Band5	4132	5	NV	-20	-2.54	-0.003074	±2.5	PASS
Band5	4132	5	NV	0	-1.44	-0.001742	±2.5	PASS
Band5	4132	5	NV	10	-1.65	-0.001997	±2.5	PASS
Band5	4132	5	NV	20	-3.49	-0.004223	±2.5	PASS
Band5	4182	1	NV	-30	-1.92	-0.002296	±2.5	PASS
Band5	4182	1	NV	-20	-1.34	-0.001602	±2.5	PASS
Band5	4182	1	NV	0	-2.57	-0.003073	±2.5	PASS
Band5	4182	1	NV	10	-3.00	-0.003587	±2.5	PASS
Band5	4182	1	NV	20	-2.23	-0.002666	±2.5	PASS

Band5	4182	2	NV	-30	-2.68	-0.003204	±2.5	PASS
Band5	4182	2	NV	-20	-3.14	-0.003754	±2.5	PASS
Band5	4182	2	NV	0	-5.37	-0.006420	±2.5	PASS
Band5	4182	2	NV	10	-3.00	-0.003587	±2.5	PASS
Band5	4182	2	NV	20	-2.95	-0.003527	±2.5	PASS
Band5	4182	3	NV	-30	-3.38	-0.004041	±2.5	PASS
Band5	4182	3	NV	-20	-2.20	-0.002630	±2.5	PASS
Band5	4182	3	NV	0	-3.61	-0.004316	±2.5	PASS
Band5	4182	3	NV	10	-2.92	-0.003491	±2.5	PASS
Band5	4182	3	NV	20	-3.01	-0.003599	±2.5	PASS
Band5	4182	4	NV	-30	-3.86	-0.004615	±2.5	PASS
Band5	4182	4	NV	-20	-4.39	-0.005249	±2.5	PASS
Band5	4182	4	NV	0	-3.55	-0.004244	±2.5	PASS
Band5	4182	4	NV	10	-3.36	-0.004017	±2.5	PASS
Band5	4182	4	NV	20	-3.96	-0.004735	±2.5	PASS
Band5	4182	5	NV	-30	-2.68	-0.003204	±2.5	PASS
Band5	4182	5	NV	-20	-2.98	-0.003563	±2.5	PASS
Band5	4182	5	NV	0	-3.38	-0.004041	±2.5	PASS
Band5	4182	5	NV	10	-5.06	-0.006050	±2.5	PASS
Band5	4182	5	NV	20	-4.33	-0.005177	±2.5	PASS
Band5	4233	1	NV	-30	-3.81	-0.004500	±2.5	PASS
Band5	4233	1	NV	-20	-3.20	-0.003780	±2.5	PASS
Band5	4233	1	NV	0	-4.43	-0.005233	±2.5	PASS
Band5	4233	1	NV	10	-4.06	-0.004796	±2.5	PASS
Band5	4233	1	NV	20	-4.47	-0.005280	±2.5	PASS
Band5	4233	2	NV	-30	-4.13	-0.004878	±2.5	PASS
Band5	4233	2	NV	-20	-3.14	-0.003709	±2.5	PASS
Band5	4233	2	NV	0	-2.91	-0.003437	±2.5	PASS
Band5	4233	2	NV	10	-3.90	-0.004607	±2.5	PASS
Band5	4233	2	NV	20	-3.83	-0.004524	±2.5	PASS
Band5	4233	3	NV	-30	-3.15	-0.003721	±2.5	PASS
Band5	4233	3	NV	-20	-4.42	-0.005221	±2.5	PASS
Band5	4233	3	NV	0	-2.95	-0.003485	±2.5	PASS
Band5	4233	3	NV	10	-3.18	-0.003756	±2.5	PASS
Band5	4233	3	NV	20	-2.88	-0.003402	±2.5	PASS
Band5	4233	4	NV	-30	-4.21	-0.004973	±2.5	PASS
Band5	4233	4	NV	-20	-3.61	-0.004264	±2.5	PASS
Band5	4233	4	NV	0	-3.03	-0.003579	±2.5	PASS
Band5	4233	4	NV	10	-4.26	-0.005032	±2.5	PASS
Band5	4233	4	NV	20	-2.37	-0.002799	±2.5	PASS
Band5	4233	5	NV	-30	-3.80	-0.004489	±2.5	PASS

Band5	4233	5	NV	-20	-4.42	-0.005221	±2.5	PASS
Band5	4233	5	NV	0	-4.63	-0.005469	±2.5	PASS
Band5	4233	5	NV	10	-3.35	-0.003957	±2.5	PASS
Band5	4233	5	NV	20	-3.70	-0.004370	±2.5	PASS