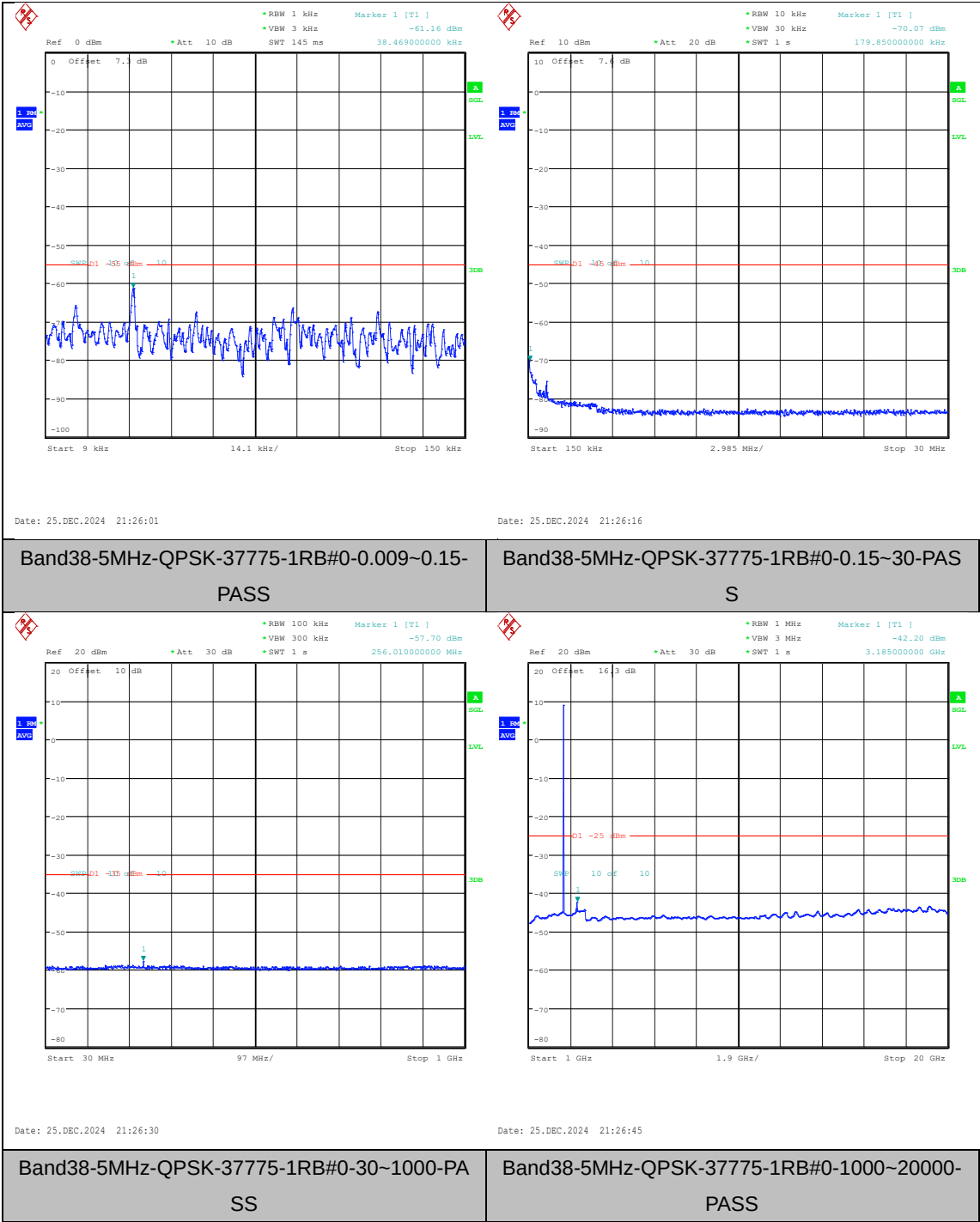
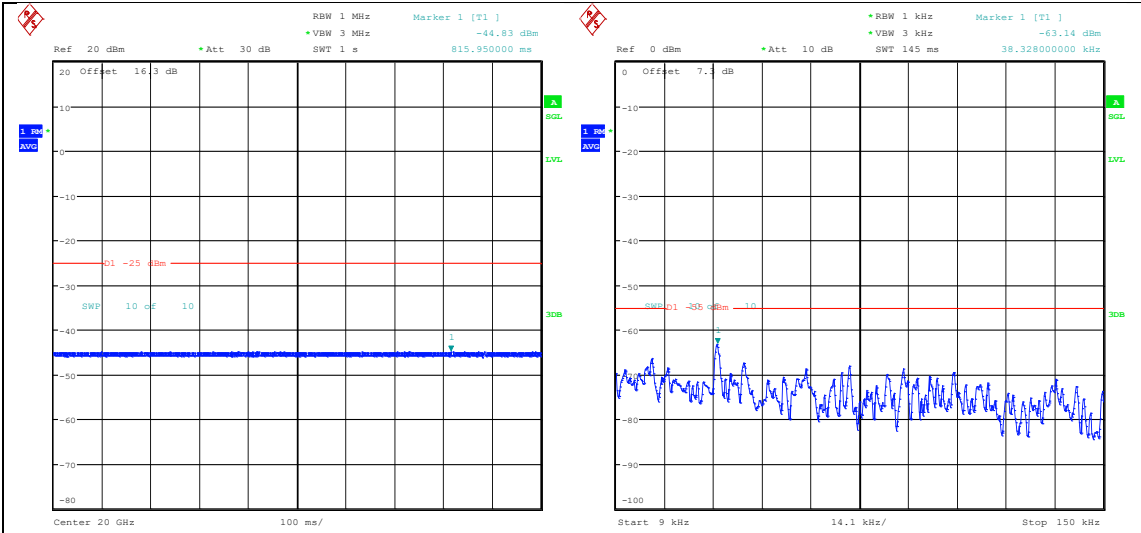


Test Graphs

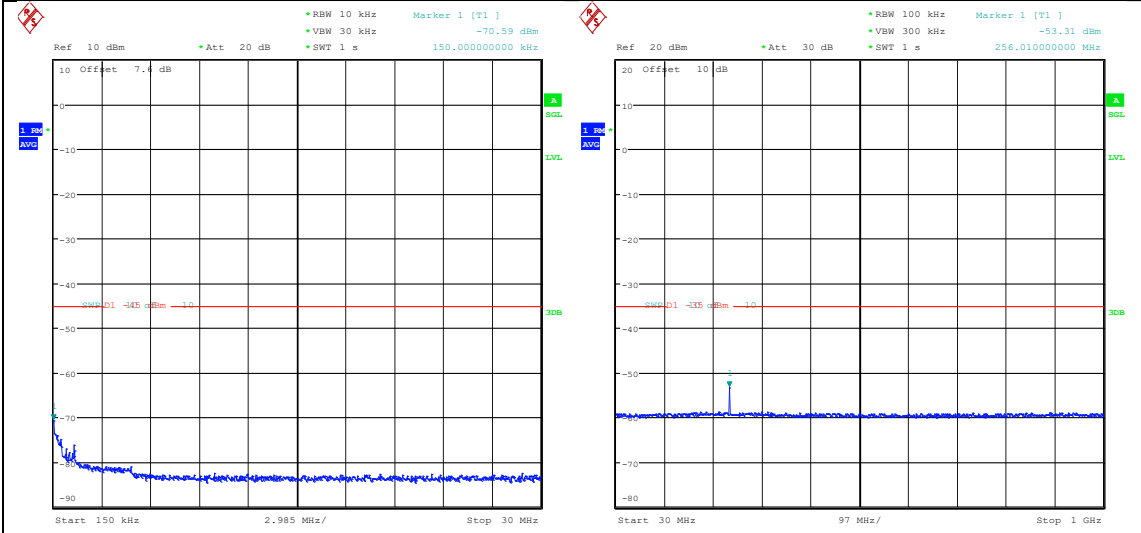




Date: 25.DEC.2024 21:27:12

Date: 25.DEC.2024 21:27:41

Band38-5MHz-QPSK-37775-1RB#0-20000~2700	Band38-5MHz-16QAM-37775-1RB#0-0.009~0.15-
0-PASS	PASS



Date: 25.DEC.2024 21:27:56

Date: 25.DEC.2024 21:28:10

Band38-5MHz-16QAM-37775-1RB#0-0.15~30-PA	Band38-5MHz-16QAM-37775-1RB#0-30~1000-PA
SS	SS



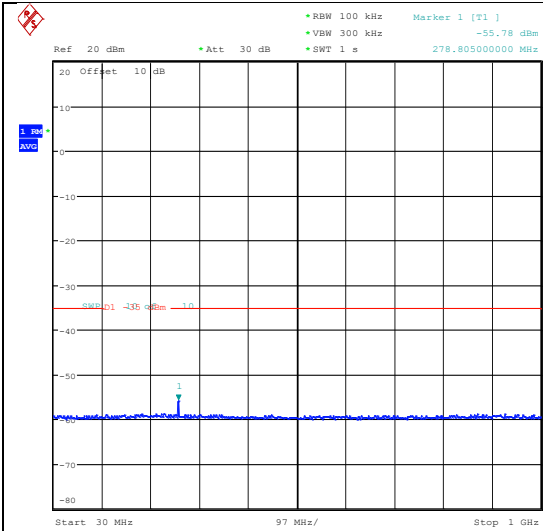

• RBW 1 kHz
Marker 1 [T1]
• VBW 3 kHz
-62.50 dBm



• RBW 10 kHz Marker 1 [T1]

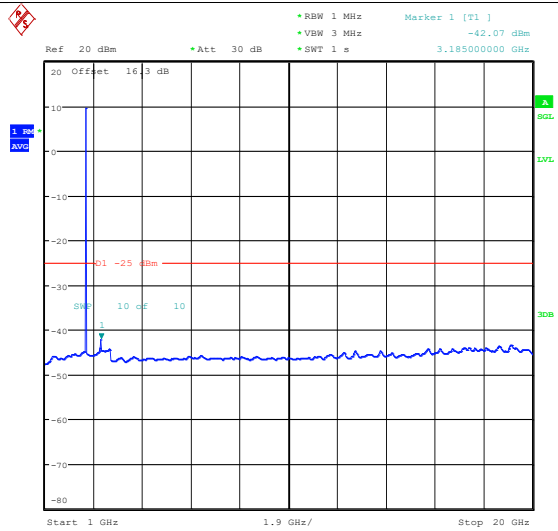






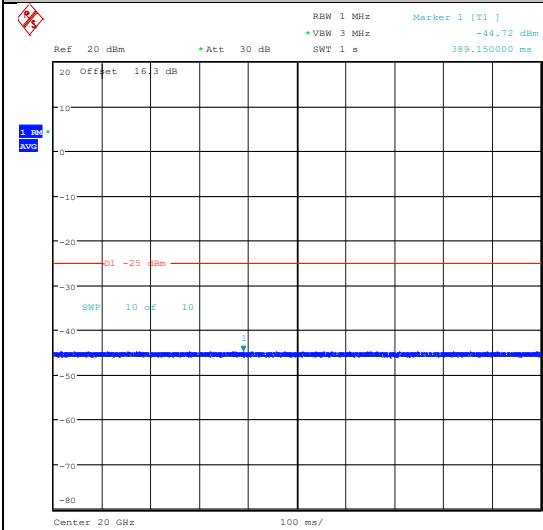
Date: 25.DEC.2024 21:29:33

Band38-5MHz-QPSK-38000-1RB#0-30~1000-PA
SS



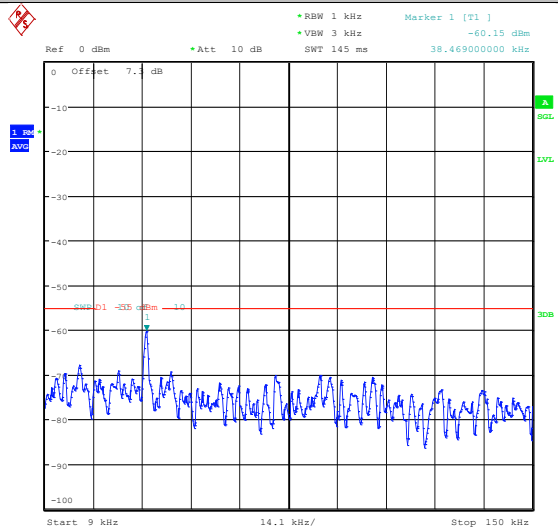
Date: 25.DEC.2024 21:29:49

Band38-5MHz-QPSK-38000-1RB#0-1000~20000-
PASS



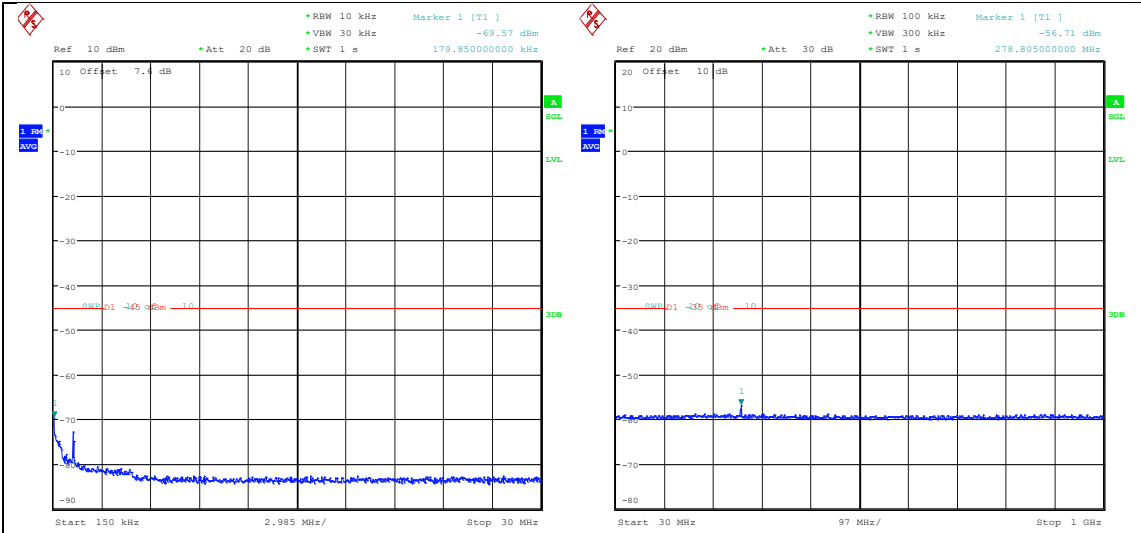
Date: 25.DEC.2024 21:30:16

Band38-5MHz-QPSK-38000-1RB#0-20000~2700
0-PASS



Date: 25.DEC.2024 21:30:27

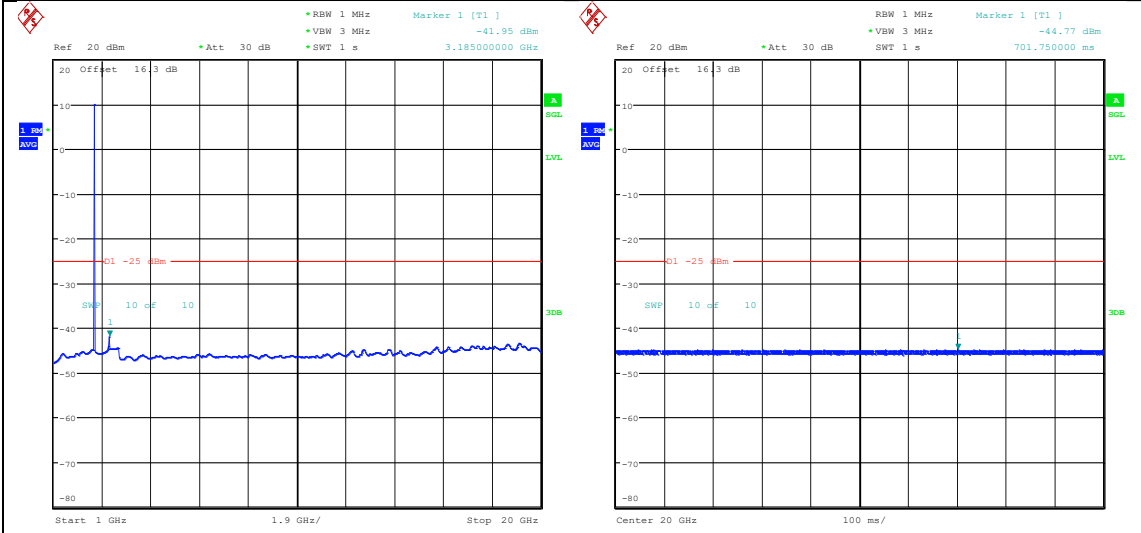
Band38-5MHz-16QAM-38000-1RB#0-0.009~0.15-
PASS



Date: 25.DEC.2024 21:30:42

Date: 25.DEC.2024 21:30:56

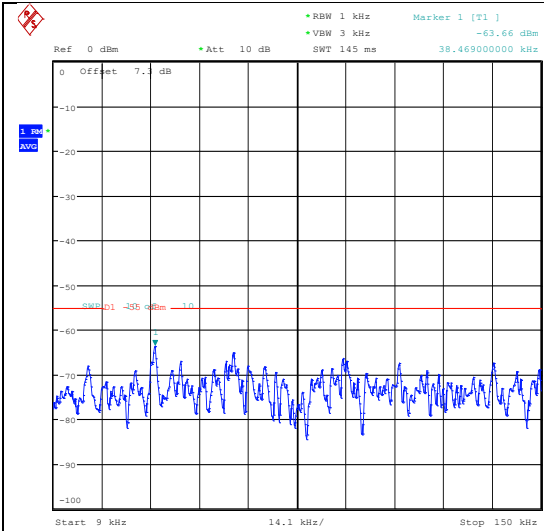
Band38-5MHz-16QAM-38000-1RB#0-0.15~30-PA	Band38-5MHz-16QAM-38000-1RB#0-30~1000-PA
SS	SS



Date: 25.DEC.2024 21:31:12

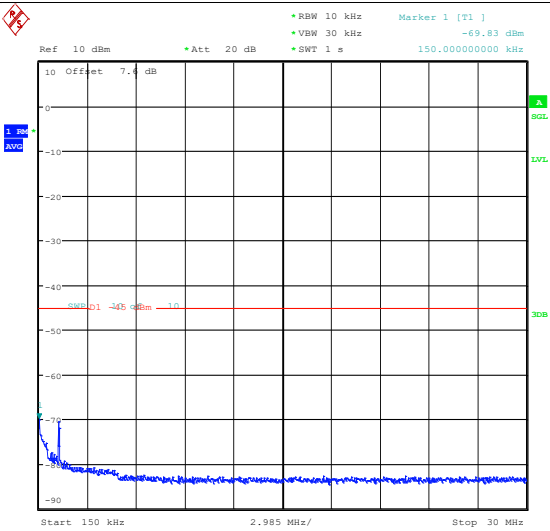
Date: 25.DEC.2024 21:31:39

Band38-5MHz-16QAM-38000-1RB#0-1000~2000	Band38-5MHz-16QAM-38000-1RB#0-20000~2700
0-PASS	0-PASS



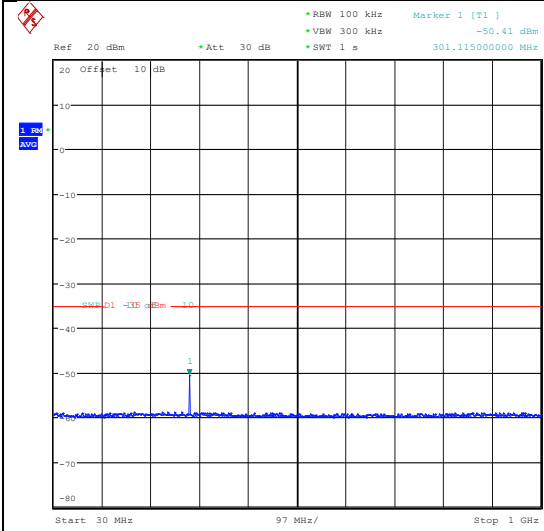
Date: 25.DEC.2024 21:31:53

Band38-5MHz-QPSK-38225-1RB#0-0.009~0.15-PASS



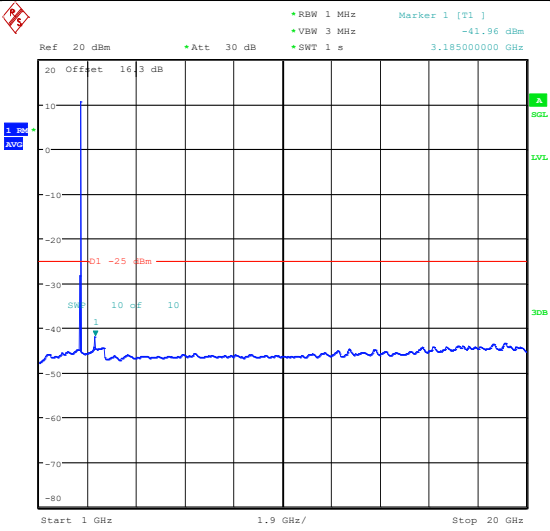
Date: 25.DEC.2024 21:32:08

Band38-5MHz-QPSK-38225-1RB#0-0.15~30-PAS



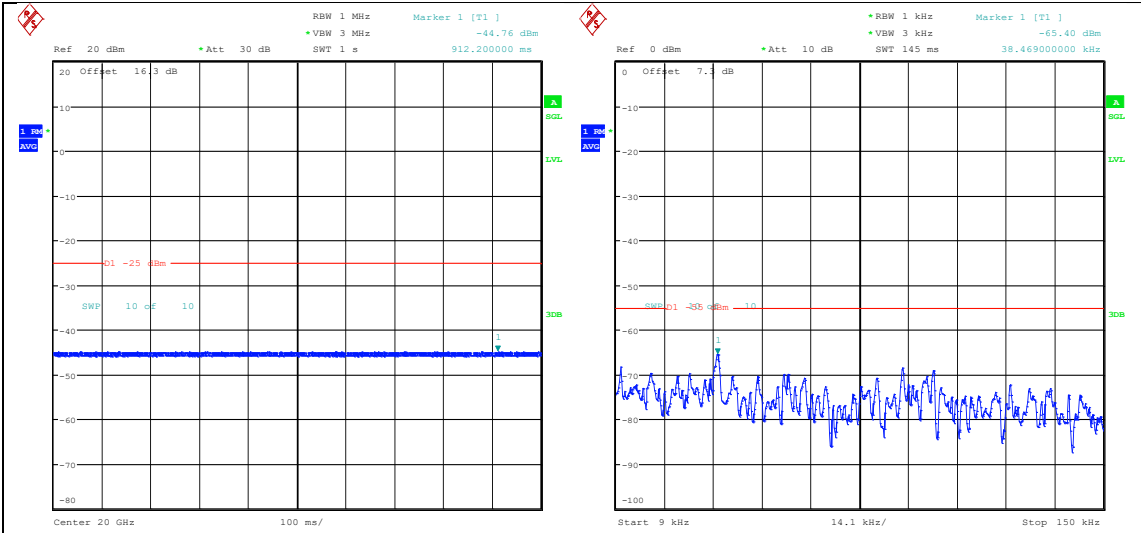
Date: 25.DEC.2024 21:32:22

Band38-5MHz-QPSK-38225-1RB#0-30~1000-PA



Date: 25.DEC.2024 21:32:37

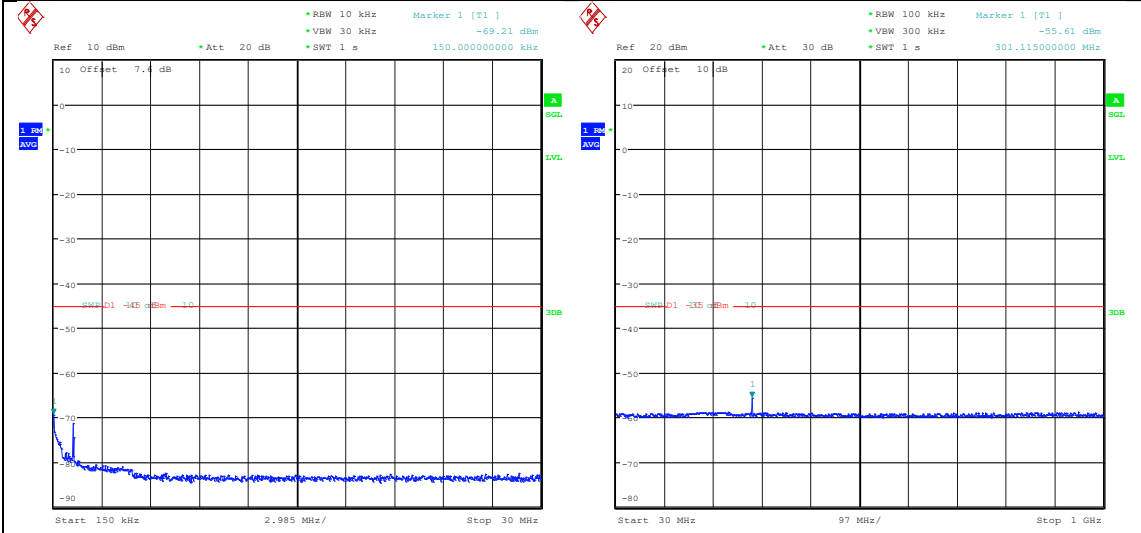
Band38-5MHz-QPSK-38225-1RB#0-1000~20000-PASS



Date: 25.DEC.2024 21:33:05

Date: 25.DEC.2024 21:33:16

Band38-5MHz-QPSK-38225-1RB#0-20000~2700 0-PASS	Band38-5MHz-16QAM-38225-1RB#0-0.009~0.15- PASS
---	---



Date: 25.DEC.2024 21:33:31

Date: 25.DEC.2024 21:33:45

Band38-5MHz-16QAM-38225-1RB#0-0.15~30-PA SS	Band38-5MHz-16QAM-38225-1RB#0-30~1000-PA SS
--	--



• RBW 1 kHz Marker 1 [T1]
• VBW 3 kHz -50.18 dBm




• RBW 10 kHz
Marker 1 [T1]
• VBW 30 kHz
-68.92 dBm







RBW 1 MHz Marker 1 [T1]
 VBW 3 MHz -44.73 dBm
 Ref 20 dBm Att 30 dB SWT 1 s 465.250000 ms

Offset 16.3 dB

1 Hz
 AVG

D1 -25 dBm

SWP 10 dB 10

1

Center 20 GHz 100 ms/

Date: 25.DEC.2024 21:36:06



Ref 0 dBm Att 10 dB SWT 145 ms 38.32800000 kHz

0 Offset 7.1 dB

1. dB
AVG

Marker 1 [T1] -61.48 dBm

14.1 kHz

Start 9 kHz Stop 150 kHz

Date: 25.DEC.2024 21:36:17

Band38-10MHz-16QAM-37800-1RB#0-0.009~0.15
-PASS



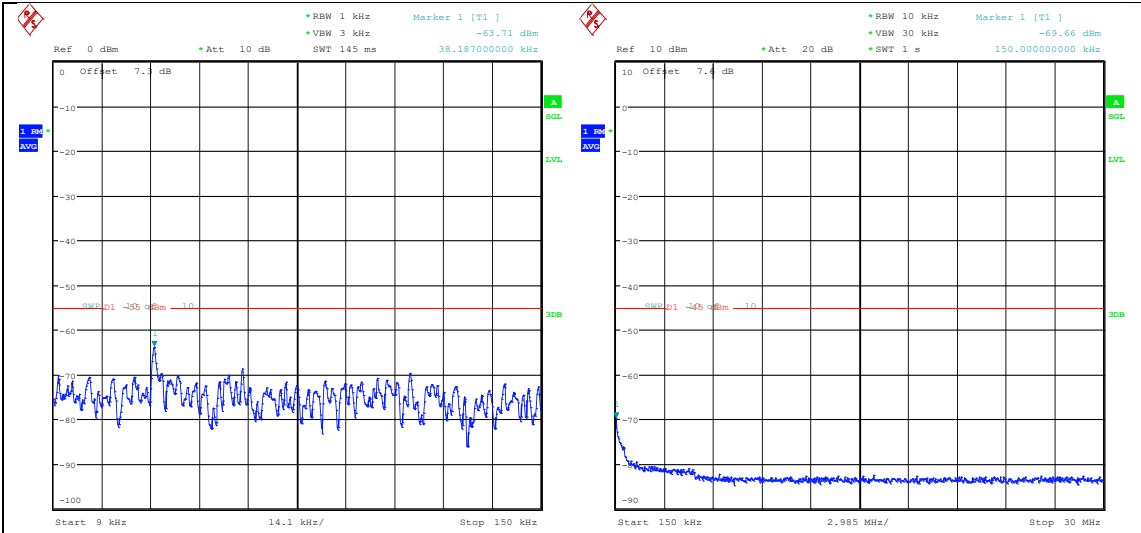

*RBW 1 MHz
Marker 1 [T1]
*VBW 3 MHz
-41.81 dBm



RBW 1 MHz Marker 1 [T1]
 • VBW 3 MHz -44.77 dBm



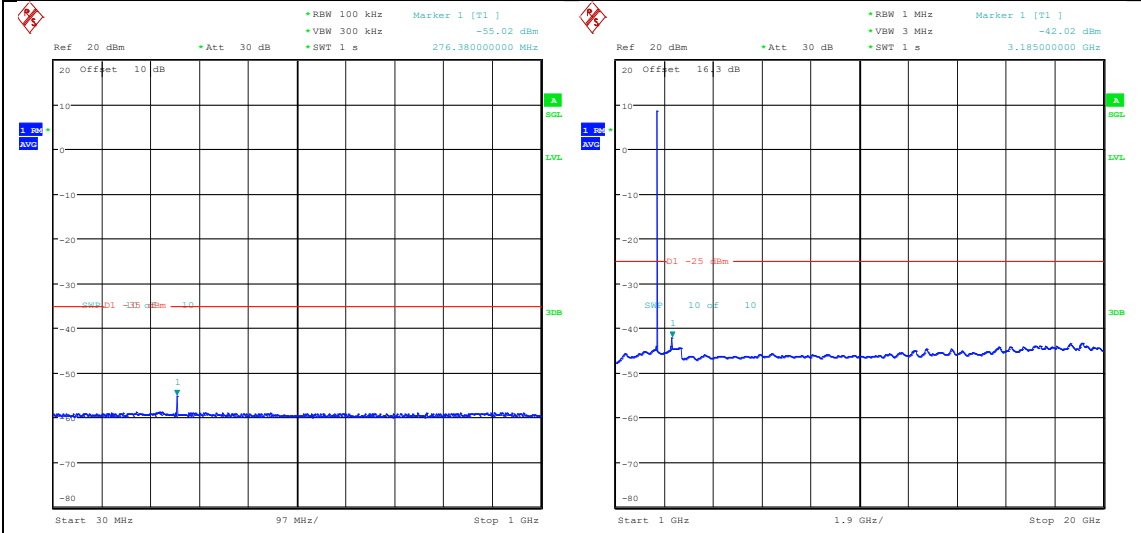




Date: 25.DEC.2024 21:37:49

Date: 25.DEC.2024 21:38:04

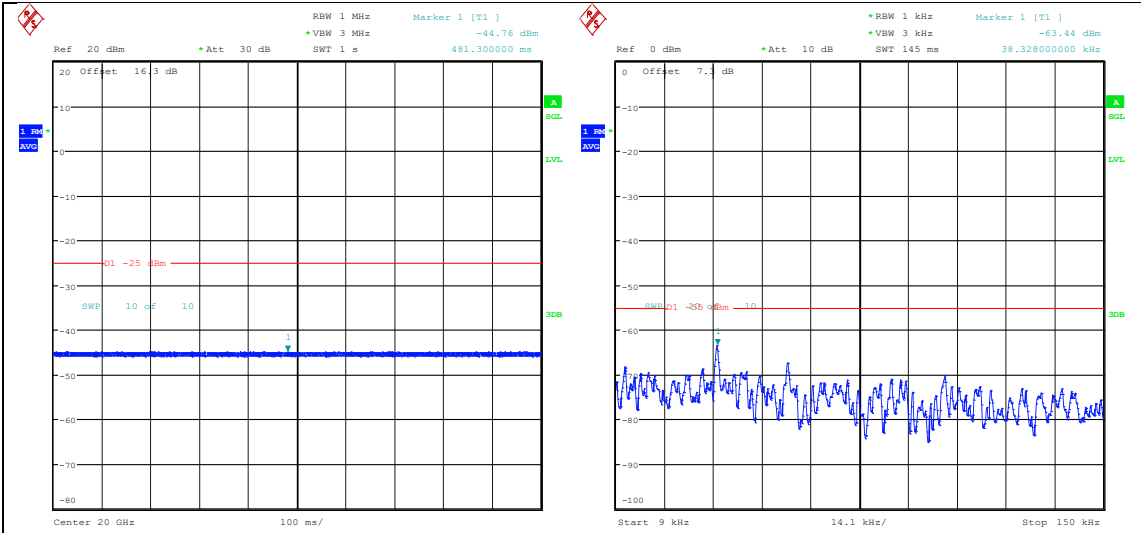
Band38-10MHz-QPSK-38000-1RB#0-0.009~0.15 -PASS	Band38-10MHz-QPSK-38000-1RB#0-0.15~30-PA SS
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Date: 25.DEC.2024 21:38:18

Date: 25.DEC.2024 21:38:34

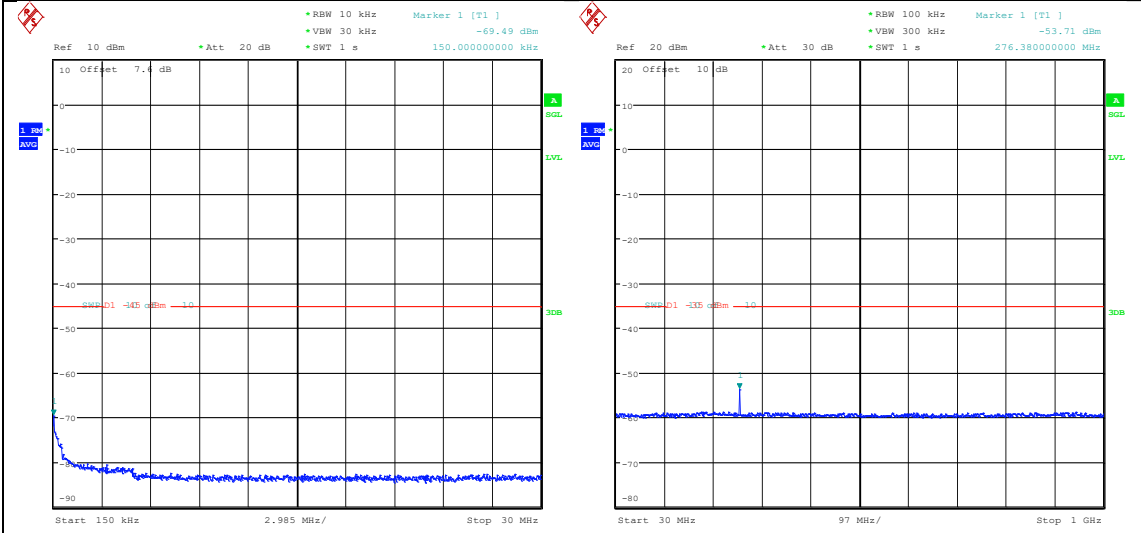
Band38-10MHz-QPSK-38000-1RB#0-30~1000-P ASS	Band38-10MHz-QPSK-38000-1RB#0-1000~20000 -PASS
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Date: 25.DEC.2024 21:39:02

Date: 25.DEC.2024 21:39:13

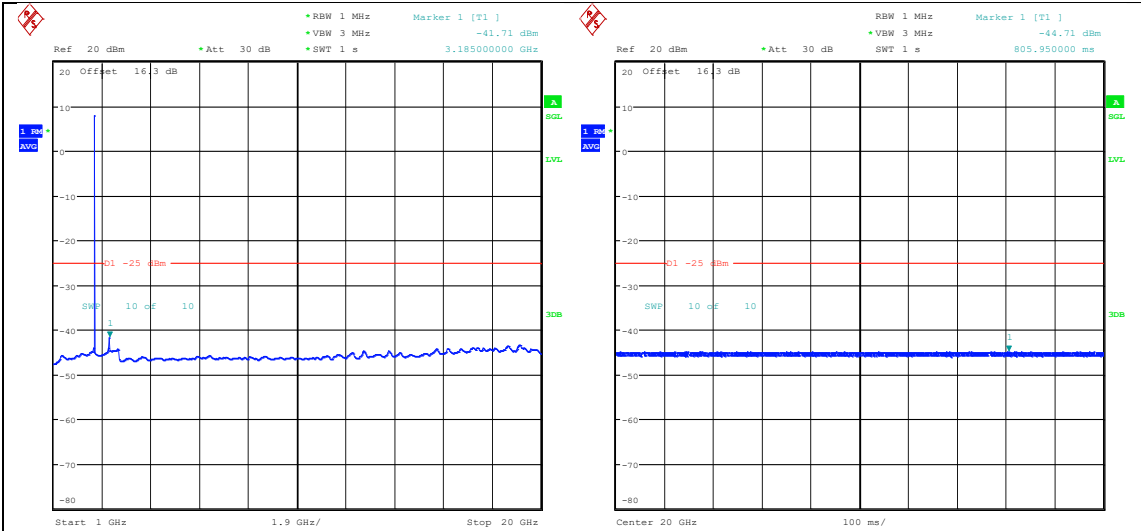
Band38-10MHz-QPSK-38000-1RB#0-20000~270 00-PASS	Band38-10MHz-16QAM-38000-1RB#0-0.009~0.15 -PASS
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Date: 25.DEC.2024 21:39:28

Date: 25.DEC.2024 21:39:42

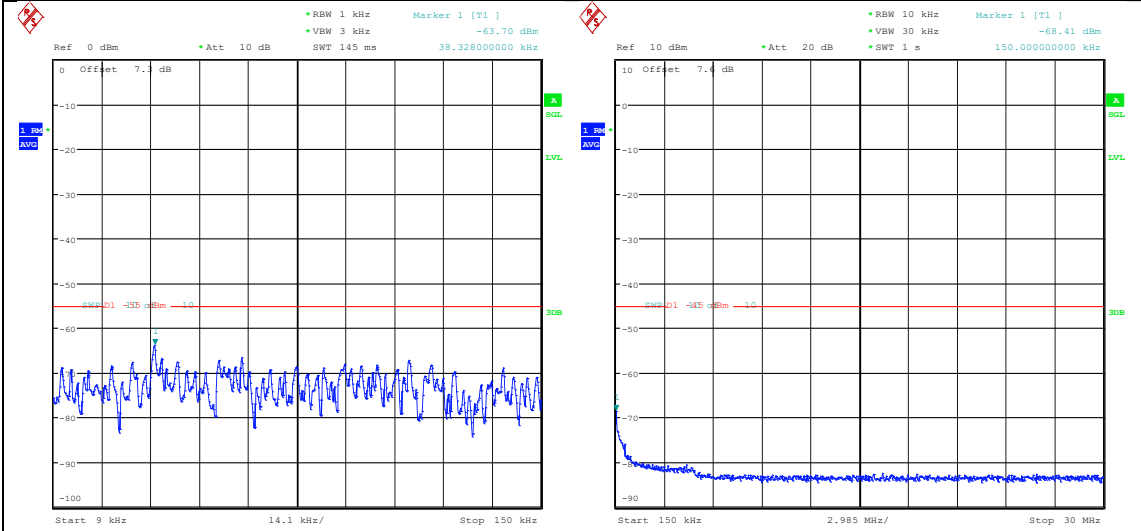
Band38-10MHz-16QAM-38000-1RB#0-0.15~30-P ASS	Band38-10MHz-16QAM-38000-1RB#0-30~1000-P ASS
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Date: 25.DEC.2024 21:39:57

Date: 25.DEC.2024 21:40:25

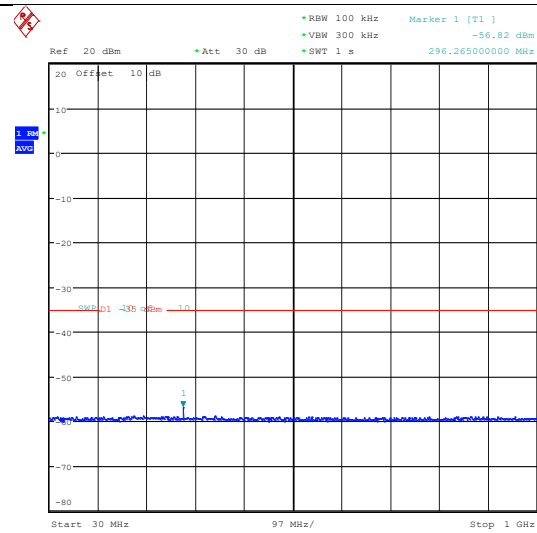
Band38-10MHz-16QAM-38000-1RB#0-1000~200	Band38-10MHz-16QAM-38000-1RB#0-20000~270
00-PASS	00-PASS



Date: 25.DEC.2024 21:40:39

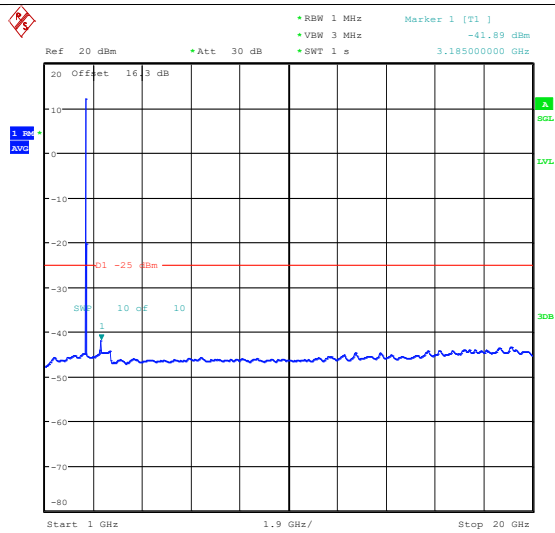
Date: 25.DEC.2024 21:40:54

Band38-10MHz-QPSK-38200-1RB#0-0.009~0.15	Band38-10MHz-QPSK-38200-1RB#0-0.15~30-PA
-PASS	SS



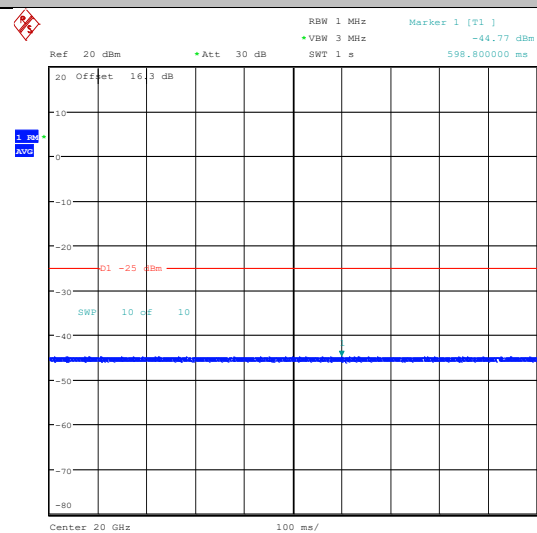
Band38-10MHz-QPSK-38200-1RB#0-30~1000-P

ASS



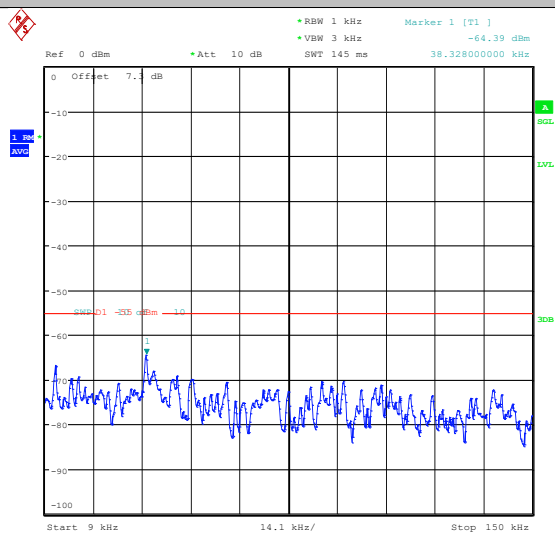
Band38-10MHz-QPSK-38200-1RB#0-1000~20000

-PASS



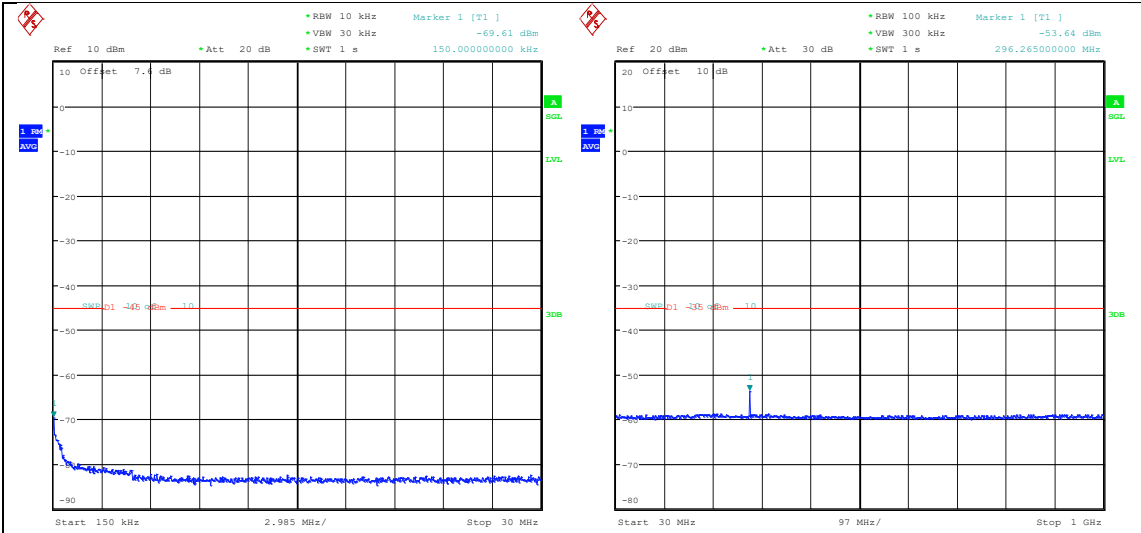
Band38-10MHz-QPSK-38200-1RB#0-20000~270

00-PASS



Band38-10MHz-16QAM-38200-1RB#0-0.009~0.15

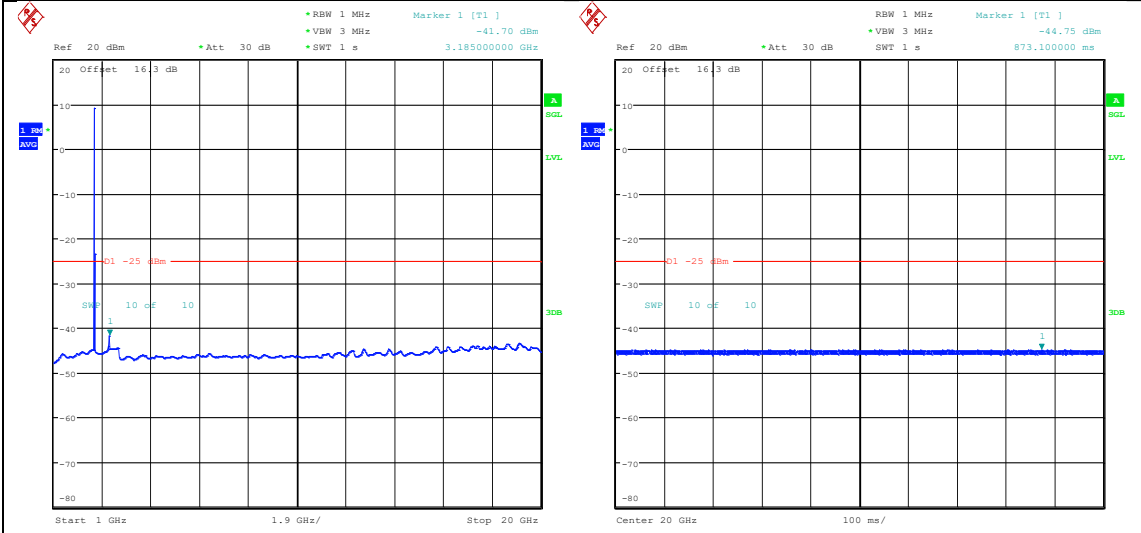
-PASS



Date: 25.DEC.2024 21:42:17

Date: 25.DEC.2024 21:42:31

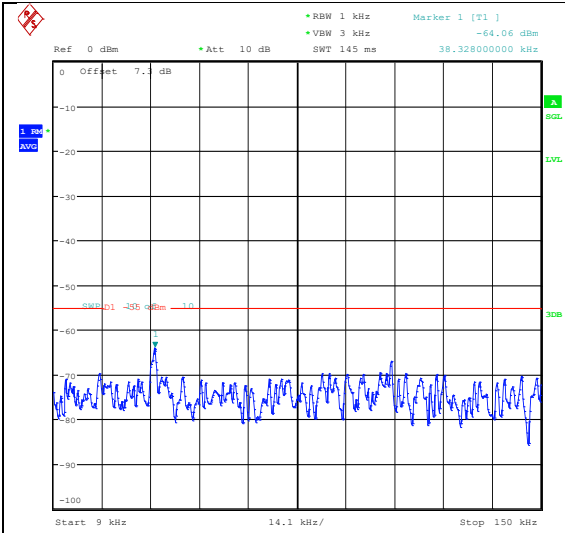
Band38-10MHz-16QAM-38200-1RB#0-0.15~30-P ASS	Band38-10MHz-16QAM-38200-1RB#0-30~1000-P ASS
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Date: 25.DEC.2024 21:42:47

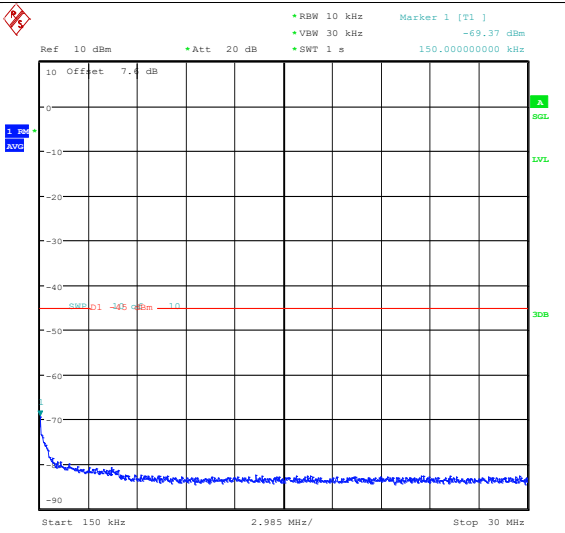
Date: 25.DEC.2024 21:43:14

Band38-10MHz-16QAM-38200-1RB#0-1000~200 00-PASS	Band38-10MHz-16QAM-38200-1RB#0-20000~270 00-PASS
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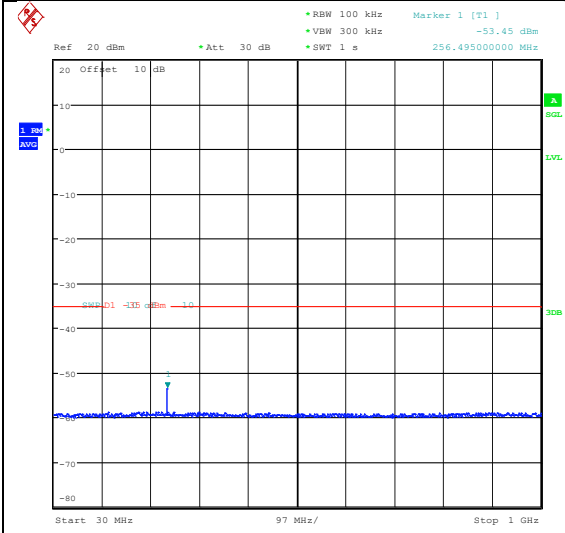
Date: 25.DEC.2024 21:43:41

Band38-15MHz-QPSK-37825-1RB#0-0.009~0.15
-PASS



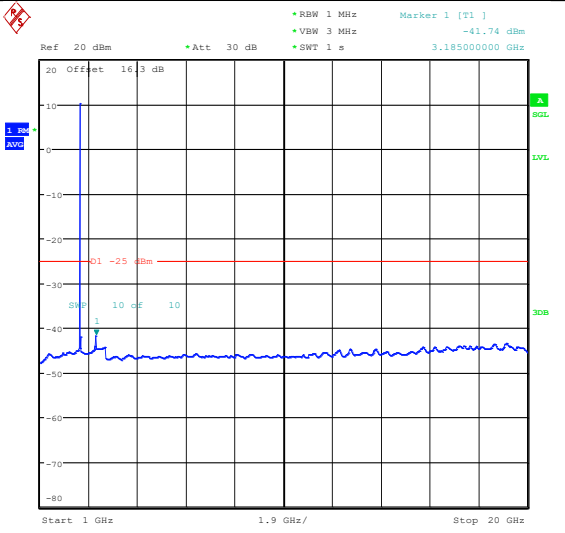
Date: 25.DEC.2024 21:43:56

Band38-15MHz-QPSK-37825-1RB#0-0.15~30-PA
SS



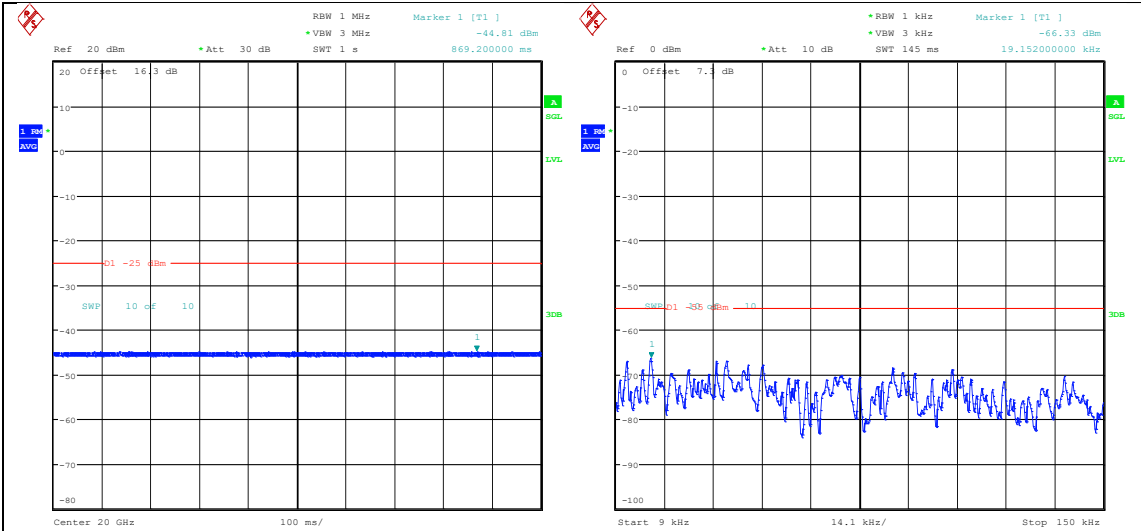
Date: 25.DEC.2024 21:44:10

Band38-15MHz-QPSK-37825-1RB#0-30~1000-P
ASS



Date: 25.DEC.2024 21:44:25

Band38-15MHz-QPSK-37825-1RB#0-1000~20000
-PASS

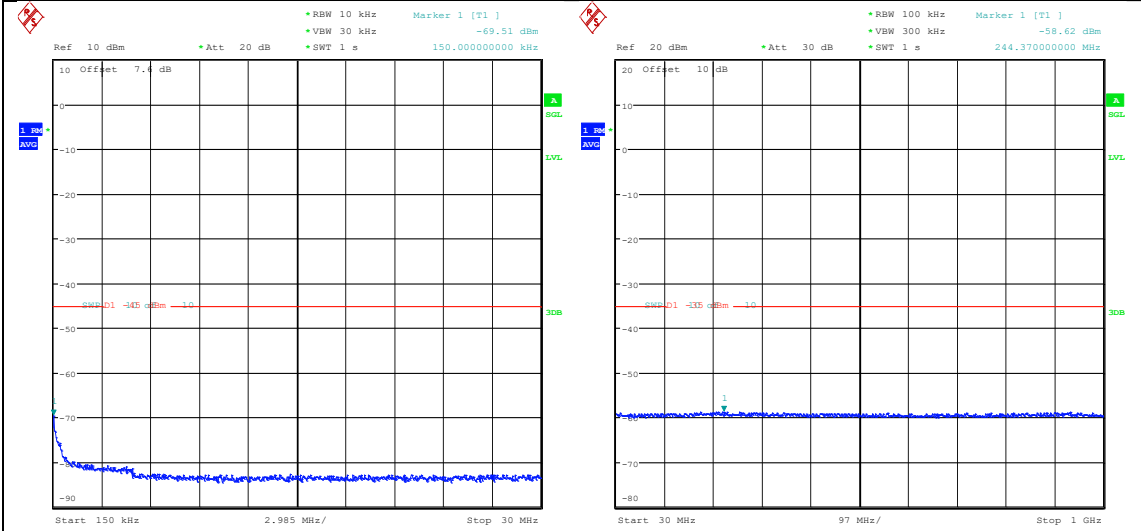


Date: 25.DEC.2024 21:44:53

Band38-15MHz-QPSK-37825-1RB#0-20000~270
00-PASS

Date: 25.DEC.2024 21:45:04

Band38-15MHz-16QAM-37825-1RB#0-0.009~0.15
-PASS



Date: 25.DEC.2024 21:45:19

Band38-15MHz-16QAM-37825-1RB#0-0.15~30-P
ASS

Date: 25.DEC.2024 21:45:33

Band38-15MHz-16QAM-37825-1RB#0-30~1000-P
ASS



The screenshot displays a spectrum analyzer interface. At the top, a red logo is on the left, and configuration parameters are on the right: RBW 1 kHz, VBW 3 kHz, Marker 1 [T1], -63.37 dBm, and 38.46900000 kHz. Below these, the main display area shows a frequency spectrum from 9 kHz to 150 kHz. The y-axis represents power in dBm, ranging from 0 to -100. A horizontal red line is drawn at -50 dBm. A blue trace shows a noisy signal with a prominent peak at 14.1 kHz, marked with a green cursor. The peak is labeled with '199' and 'AVG'. The bottom of the screen shows the frequency range: Start 9 kHz, 14.1 kHz/, and Stop 150 kHz.

Date: 25.DEC.2024 21:46:30



• RBW 10 kHz
 • VBW 30 kHz
 • SWT 1 s

Marker 1 [T1]
 -69.47 dBm
 179.850000000 kHz

Ref 10 dBm
 Att 20 dB

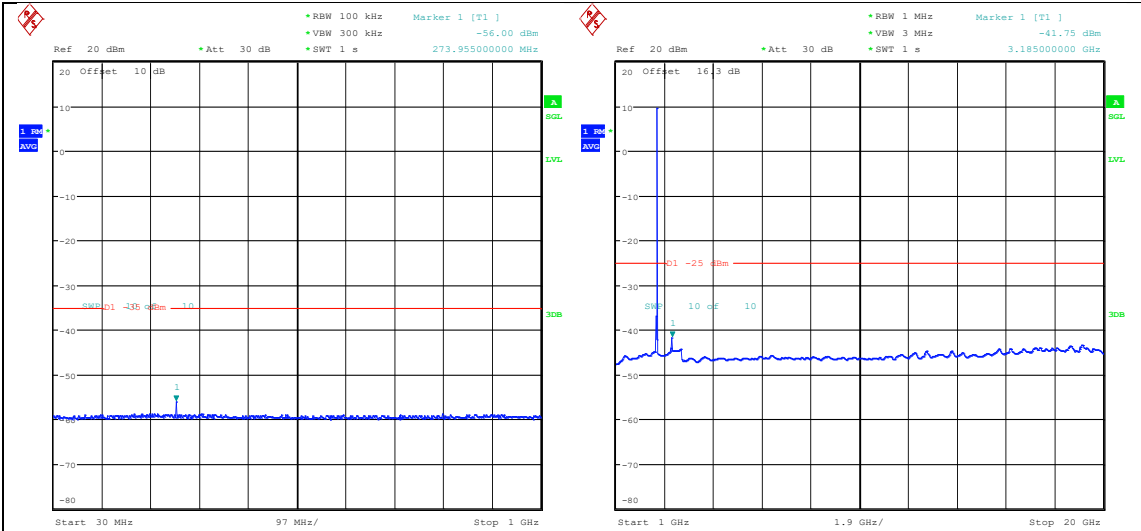
10 Offset 7.4 dB

1 RBW
 AVG

3dB
 30dB

Start 150 kHz
 Stop 30 MHz
 2.985 MHz/

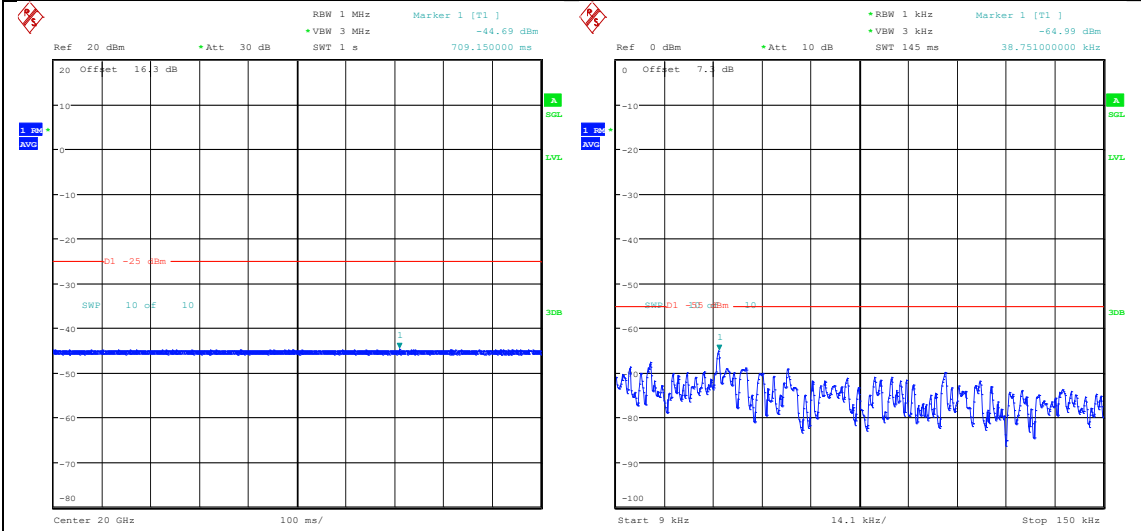
Date: 25.DEC.2024 21:46:46



Date: 25.DEC.2024 21:47:00

Date: 25.DEC.2024 21:47:15

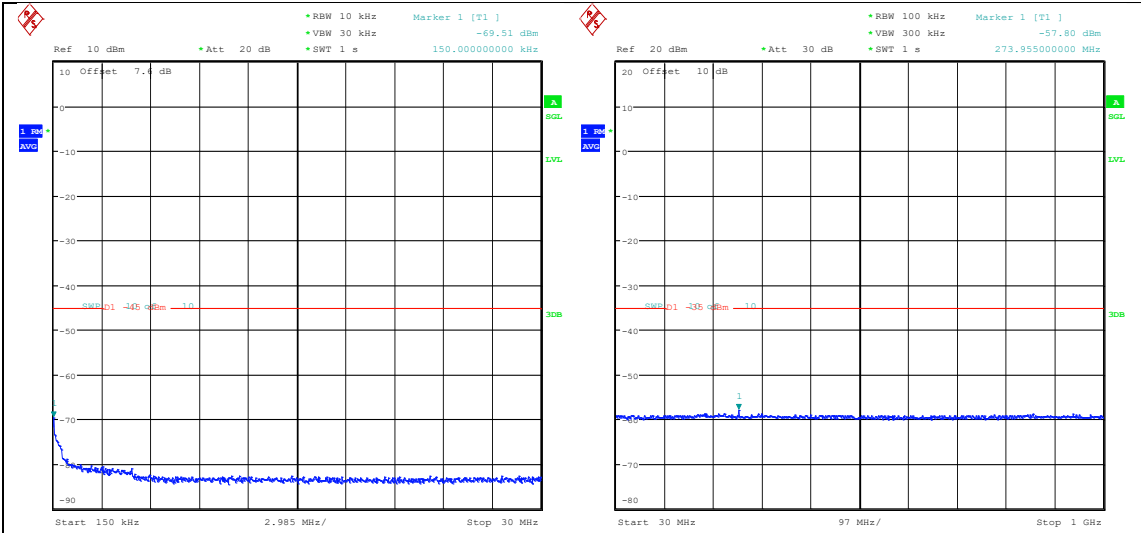
Band38-15MHz-QPSK-38000-1RB#0-30~1000-P ASS	Band38-15MHz-QPSK-38000-1RB#0-1000~20000 -PASS
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Date: 25.DEC.2024 21:47:43

Date: 25.DEC.2024 21:47:54

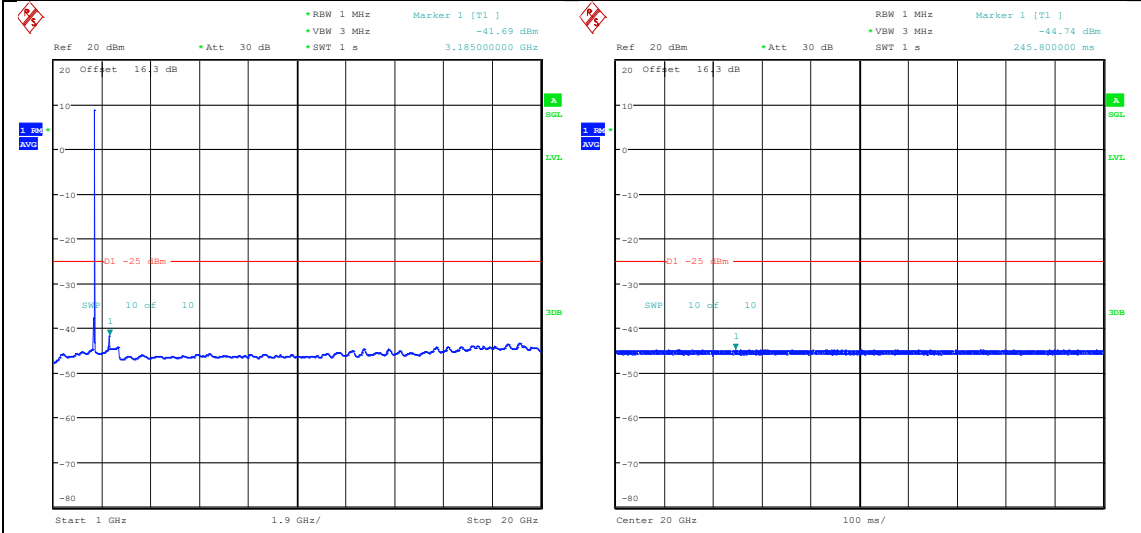
Band38-15MHz-QPSK-38000-1RB#0-20000~270 00-PASS	Band38-15MHz-16QAM-38000-1RB#0-0.009~0.15 -PASS
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Date: 25.DEC.2024 21:48:09

Date: 25.DEC.2024 21:48:23

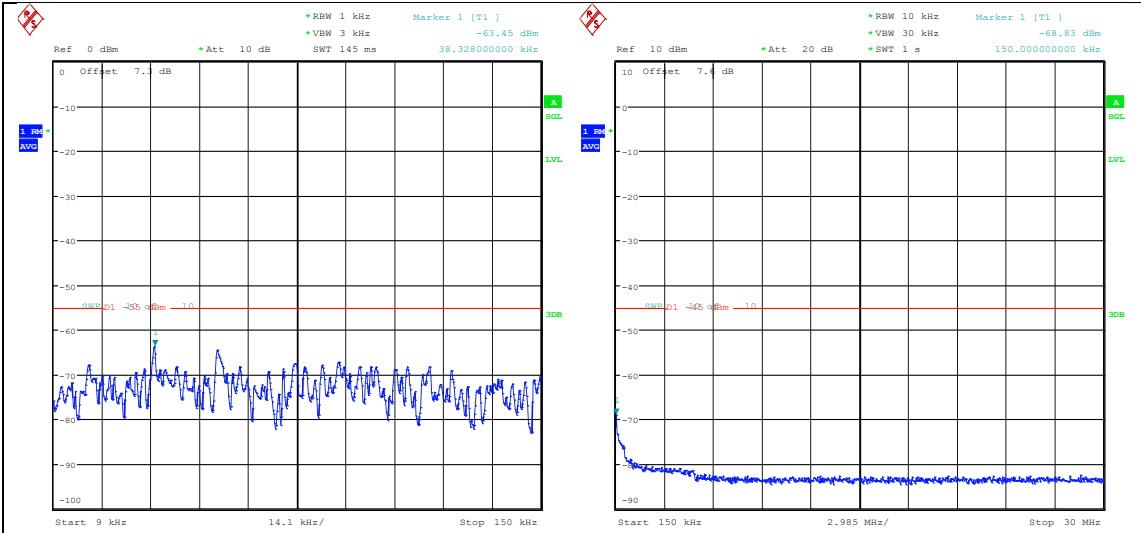
Band38-15MHz-16QAM-38000-1RB#0-0.15~30-P	Band38-15MHz-16QAM-38000-1RB#0-30~1000-P
ASS	ASS



Date: 25.DEC.2024 21:48:39

Date: 25.DEC.2024 21:49:06

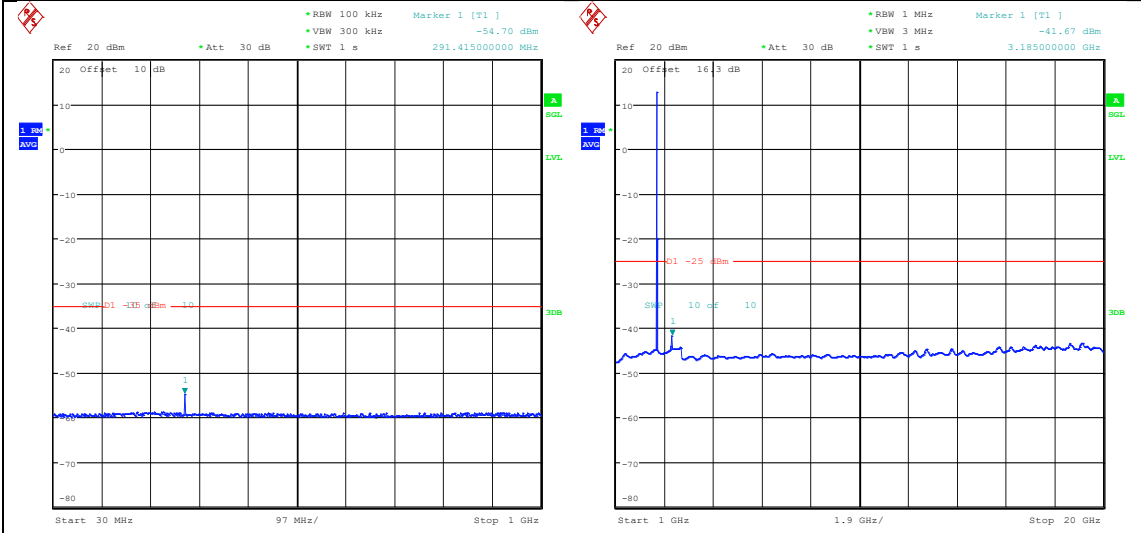
Band38-15MHz-16QAM-38000-1RB#0-1000~200	Band38-15MHz-16QAM-38000-1RB#0-20000~270
00-PASS	00-PASS



Date: 25.DEC.2024 21:49:20

Date: 25.DEC.2024 21:49:35

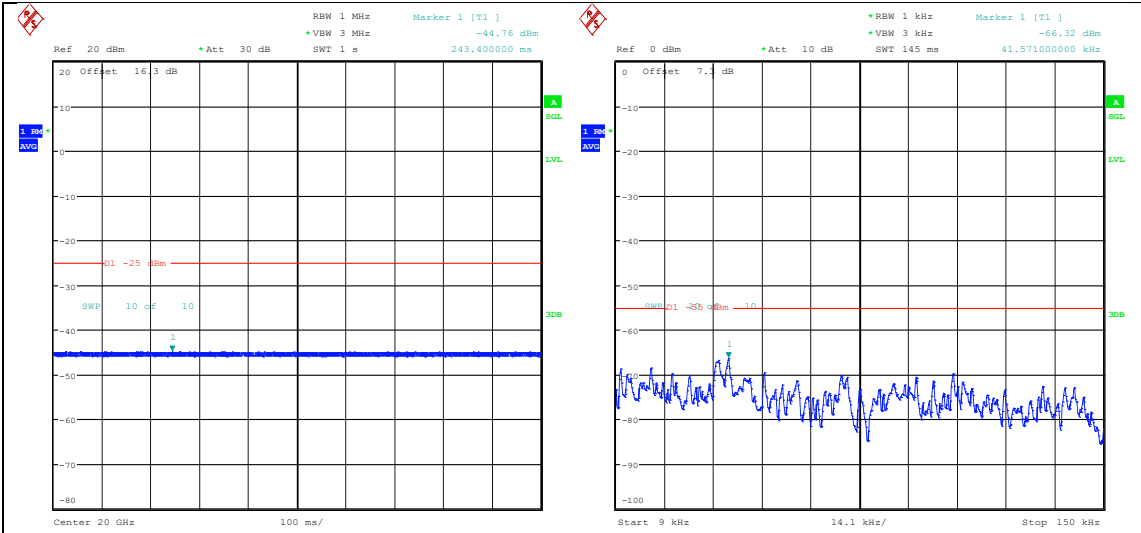
Band38-15MHz-QPSK-38175-1RB#0-0.009~0.15	Band38-15MHz-QPSK-38175-1RB#0-0.15~30-PA
-PASS	SS



Date: 25.DEC.2024 21:49:49

Date: 25.DEC.2024 21:50:05

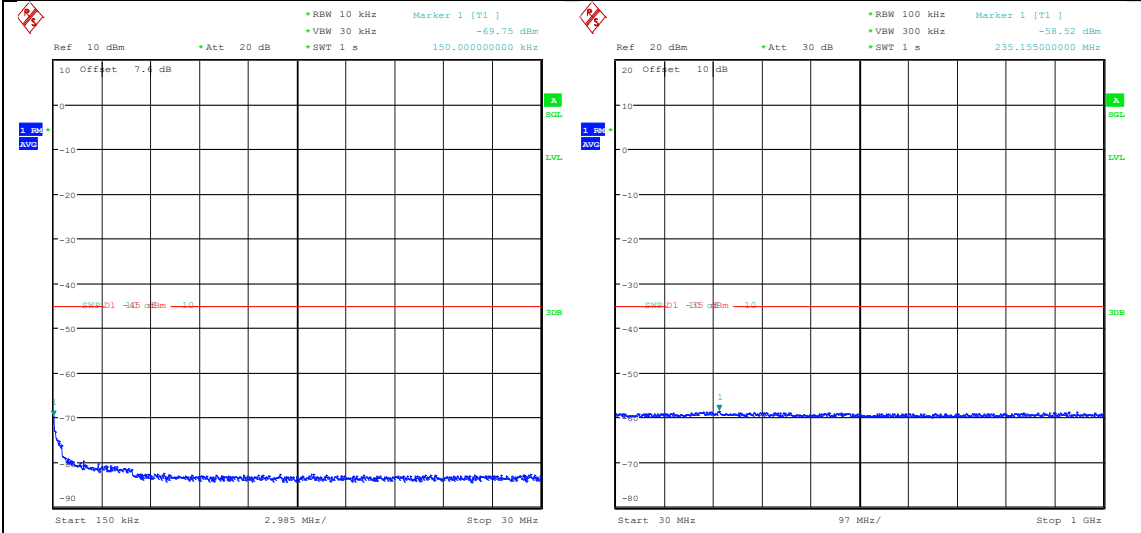
Band38-15MHz-QPSK-38175-1RB#0-30~1000-P	Band38-15MHz-QPSK-38175-1RB#0-1000~20000
ASS	-PASS



Date: 25.DEC.2024 21:50:32

Date: 25.DEC.2024 21:50:44

Band38-15MHz-QPSK-38175-1RB#0-20000~270 00-PASS	Band38-15MHz-16QAM-38175-1RB#0-0.009~0.15 -PASS
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Date: 25.DEC.2024 21:50:59

Date: 25.DEC.2024 21:51:13

Band38-15MHz-16QAM-38175-1RB#0-0.15~30-P ASS	Band38-15MHz-16QAM-38175-1RB#0-30~1000-P ASS
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Date: 25.DEC.2024 21:51:57

Date: 25.DEC.2024 21:57:41

Date: 25.DEC.2024 21:57:56

Band38-20MHz-QPSK-37850-1RB#0-0.15~30-PA
SS



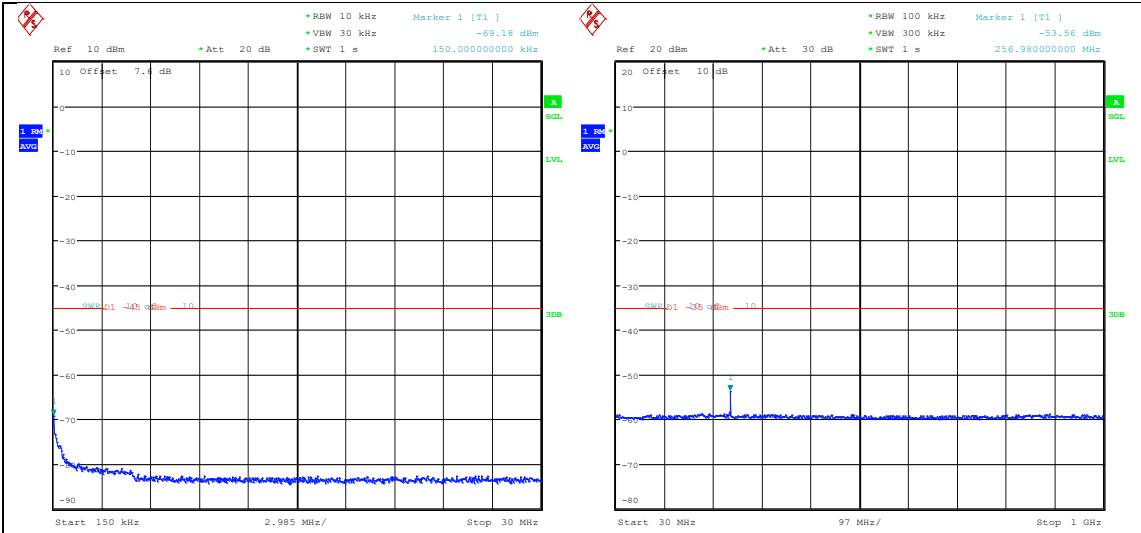
RBW 1 MHz Marker 1 [T1]
 *VBW 3 MHz -44.68 dBm



*RBW 1 kHz
Marker 1 [T1]
*VBW 3 kHz
-62.33 dBm



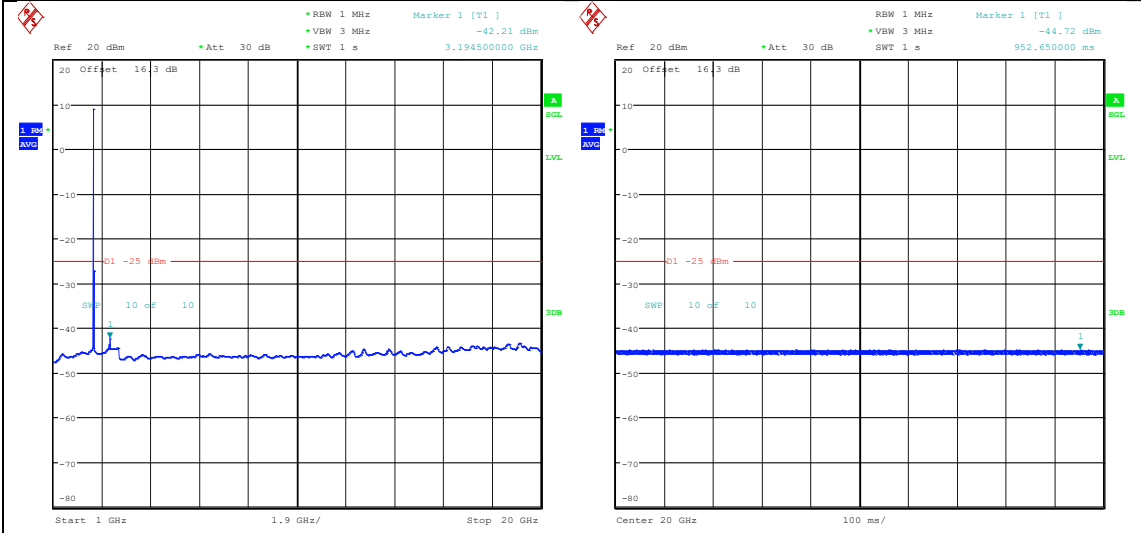




Date: 25.DEC.2024 21:59:18

Date: 25.DEC.2024 21:59:32

Band38-20MHz-16QAM-37850-1RB#0-0.15~30-P	Band38-20MHz-16QAM-37850-1RB#0-30~1000-P
ASS	ASS



Date: 25.DEC.2024 21:59:47

Date: 25.DEC.2024 22:00:15

Band38-20MHz-16QAM-37850-1RB#0-1000~200	Band38-20MHz-16QAM-37850-1RB#0-20000~270
00-PASS	00-PASS



Band38-20MHz-QPSK-38000-1RB#0-0.009~0.15
-PASS



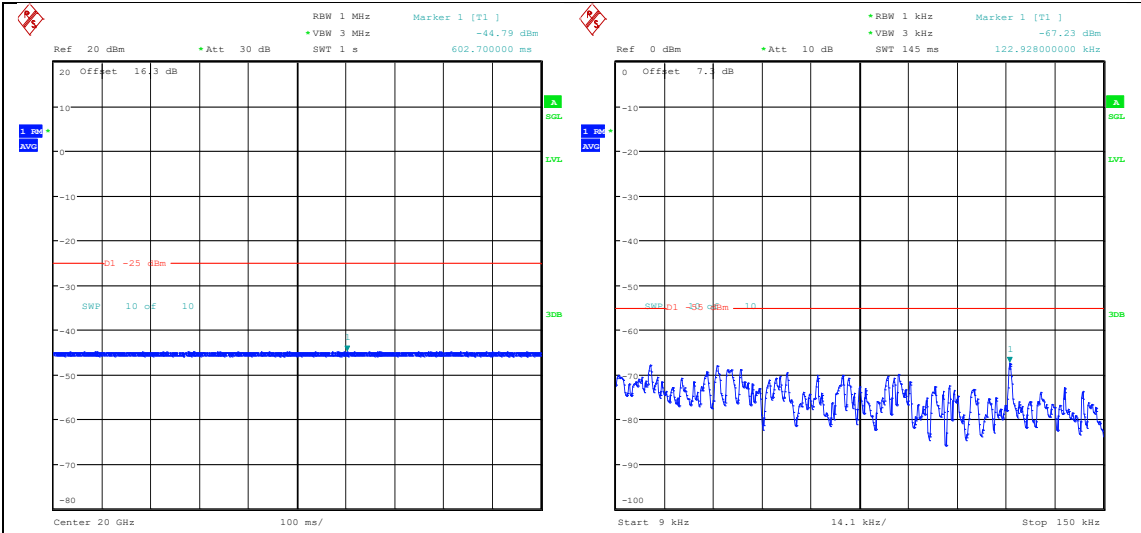
Band38-20MHz-QPSK-38000-1RB#0-0.15~30-PA
SS



Band38-20MHz-QPSK-38000-1RB#0-30~1000-P
ASS



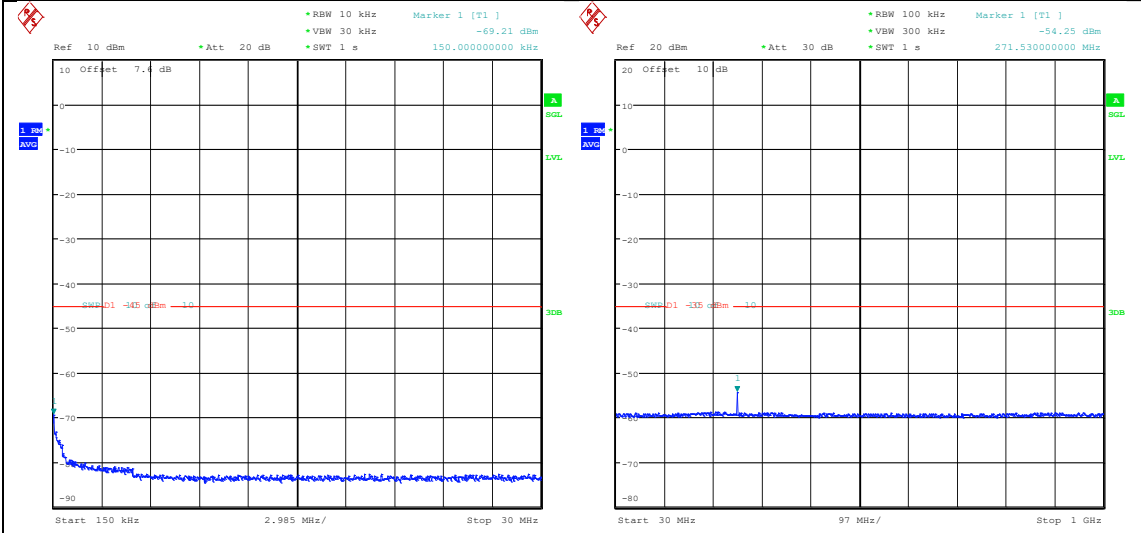
Band38-20MHz-QPSK-38000-1RB#0-1000~20000
-PASS



Date: 25.DEC.2024 22:01:50

Date: 25.DEC.2024 22:02:00

Band38-20MHz-QPSK-38000-1RB#0-20000~270 00-PASS	Band38-20MHz-16QAM-38000-1RB#0-0.009~0.15 -PASS
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Date: 25.DEC.2024 22:02:15

Date: 25.DEC.2024 22:02:30

Band38-20MHz-16QAM-38000-1RB#0-0.15~30-P ASS	Band38-20MHz-16QAM-38000-1RB#0-30~1000-P ASS
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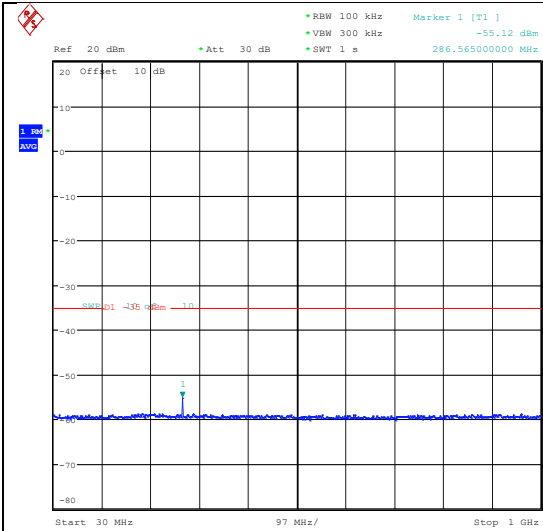


Date: 25.DEC.2024 22:03:12

Date: 25.DEC.2024 22:03:24

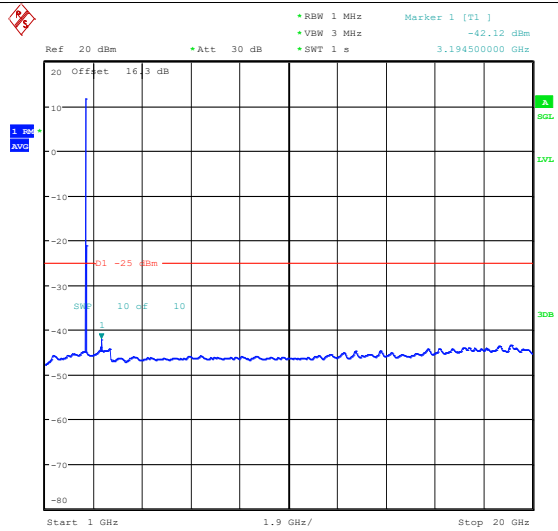
Date: 25.DEC.2024 22:03:39

Band38-20MHz-QPSK-38150-1RB#0-0.15~30-PA
SS



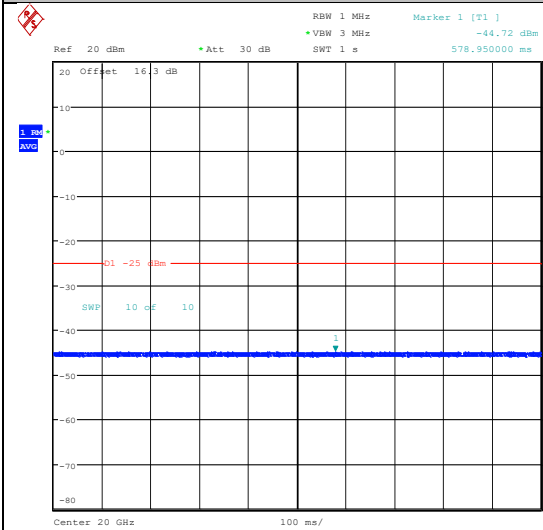
Date: 25.DEC.2024 22:03:53

Band38-20MHz-QPSK-38150-1RB#0-30~1000-P
ASS



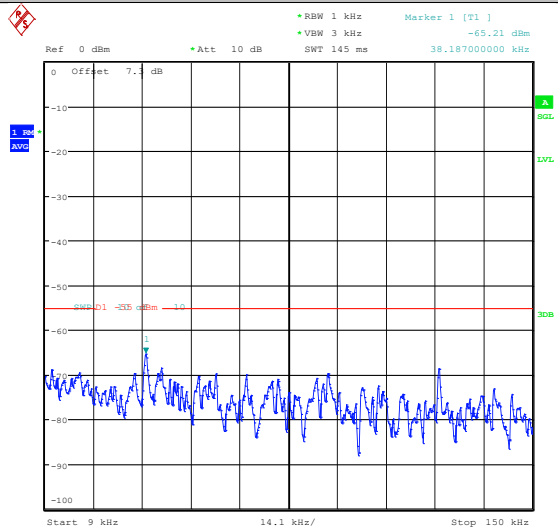
Date: 25.DEC.2024 22:04:08

Band38-20MHz-QPSK-38150-1RB#0-1000~20000
-PASS



Date: 25.DEC.2024 22:04:36

Band38-20MHz-QPSK-38150-1RB#0-20000~270
00-PASS



Date: 25.DEC.2024 22:04:46

Band38-20MHz-16QAM-38150-1RB#0-0.009~0.15
-PASS




*RBW 1 MHz
Marker 1 [T1]
*VBW 3 MHz
-42.29 dBm



RBW 1 MHz Marker 1 [T1]
 *VBW 3 MHz -44.73 dBm





Appendix F: Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
Band38	5MHz	QPSK	37775	25RB#0	VN	NT	16.42	0.006383	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	VL	NT	20.41	0.007934	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	VH	NT	21.21	0.008245	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	VN	NT	36.85	0.014325	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	VL	NT	41.46	0.016117	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	VH	NT	46.79	0.018189	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	VN	NT	-9.43	-0.003634	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	VL	NT	-6.94	-0.002674	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	VH	NT	-17.12	-0.006597	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	VN	NT	-40.27	-0.015518	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	VL	NT	-45.46	-0.017518	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	VH	NT	-45.99	-0.017723	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	VN	NT	-40.81	-0.015591	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	VL	NT	-55.07	-0.021039	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	VH	NT	-58.34	-0.022288	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	VN	NT	51.34	0.019614	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	VL	NT	35.73	0.013650	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	VH	NT	34.23	0.013077	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	VN	NT	25.66	0.009965	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	VL	NT	35.48	0.013779	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	VH	NT	51.17	0.019872	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	VN	NT	18.60	0.007223	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	VL	NT	21.13	0.008206	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	VH	NT	38.58	0.014983	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	VN	NT	38.91	0.014994	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	VL	NT	52.50	0.020231	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	VH	NT	27.72	0.010682	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	VN	NT	8.24	0.003175	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	VL	NT	12.25	0.004721	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	VH	NT	24.58	0.009472	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	VN	NT	23.65	0.009044	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	VL	NT	27.79	0.010627	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	VH	NT	35.49	0.013572	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	VN	NT	58.65	0.022428	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	VL	NT	56.76	0.021706	±2.5	PASS

Band38	10MHz	16QAM	38200	50RB#0	VH	NT	-16.04	-0.006134	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	VN	NT	32.00	0.012415	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	VL	NT	35.20	0.013657	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	VH	NT	29.51	0.011449	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	VN	NT	15.45	0.005994	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	VL	NT	17.51	0.006793	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	VH	NT	17.64	0.006844	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	VN	NT	22.69	0.008744	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	VL	NT	26.15	0.010077	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	VH	NT	30.06	0.011584	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	VN	NT	-10.13	-0.003904	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	VL	NT	-18.31	-0.007056	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	VH	NT	27.42	0.010566	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	VN	NT	12.03	0.004605	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	VL	NT	19.24	0.007365	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	VH	NT	24.26	0.009286	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	VN	NT	18.07	0.006917	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	VL	NT	26.28	0.010059	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	VH	NT	35.15	0.013455	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VN	NT	-11.17	-0.004329	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VL	NT	-8.48	-0.003287	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VH	NT	-13.33	-0.005167	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VN	NT	-8.40	-0.003256	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VL	NT	10.71	0.004151	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VH	NT	16.38	0.006349	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VN	NT	-5.51	-0.002123	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VL	NT	-9.64	-0.003715	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VH	NT	17.68	0.006813	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VN	NT	-11.62	-0.004478	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VL	NT	-14.16	-0.005457	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VH	NT	8.43	0.003249	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VN	NT	8.83	0.003383	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VL	NT	13.63	0.005222	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VH	NT	21.46	0.008222	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VN	NT	22.62	0.008667	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VL	NT	29.61	0.011345	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VH	NT	35.88	0.013747	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict

Band38	5MHz	QPSK	37775	25RB#0	NV	-30	24.73	0.009613	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	-20	26.16	0.010169	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	-10	29.23	0.011362	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	0	27.88	0.010838	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	10	30.84	0.011988	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	20	32.72	0.012719	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	30	27.09	0.010531	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	40	35.16	0.013668	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	50	36.99	0.014379	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	-30	49.92	0.019405	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	-20	56.76	0.022064	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	-10	-15.08	-0.005862	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	0	-13.75	-0.005345	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	10	18.08	0.007028	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	20	10.03	0.003899	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	30	26.14	0.010161	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	40	25.18	0.009788	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	50	29.85	0.011603	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	-30	-10.67	-0.004112	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	-20	-15.08	-0.005811	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	-10	-24.52	-0.009449	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	0	-20.99	-0.008089	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	10	-25.28	-0.009742	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	20	-26.54	-0.010227	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	30	-30.21	-0.011642	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	40	-37.95	-0.014624	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	50	-38.11	-0.014686	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	-30	-38.08	-0.014674	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	-20	-37.82	-0.014574	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	-10	-35.62	-0.013726	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	0	-29.97	-0.011549	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	10	-34.38	-0.013249	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	20	-31.66	-0.012200	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	30	-50.67	-0.019526	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	40	-14.79	-0.005699	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	50	-19.83	-0.007642	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	-30	-49.57	-0.018938	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	-20	-61.10	-0.023343	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	-10	-39.63	-0.015140	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	0	-26.35	-0.010067	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	10	-28.47	-0.010877	±2.5	PASS

Band38	5MHz	QPSK	38225	25RB#0	NV	20	15.65	0.005979	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	30	31.34	0.011973	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	40	11.26	0.004302	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	50	57.59	0.022002	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	-30	-5.69	-0.002174	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	-20	40.77	0.015576	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	-10	18.88	0.007213	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	0	44.82	0.017123	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	10	31.63	0.012084	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	20	57.03	0.021788	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	30	16.18	0.006181	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	40	38.48	0.014701	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	50	57.75	0.022063	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	-30	50.83	0.019740	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	-20	13.40	0.005204	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	-10	16.34	0.006346	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	0	26.62	0.010338	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	10	29.61	0.011499	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	20	36.29	0.014093	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	30	41.54	0.016132	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	40	46.51	0.018062	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	50	53.16	0.020645	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	-30	48.37	0.018784	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	-20	47.98	0.018633	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	-10	-14.55	-0.005650	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	0	8.96	0.003480	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	10	13.50	0.005243	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	20	-17.32	-0.006726	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	30	-54.59	-0.021200	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	40	-43.03	-0.016711	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	50	-47.95	-0.018621	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	-30	34.33	0.013229	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	-20	42.54	0.016393	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	-10	49.28	0.018990	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	0	9.40	0.003622	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	10	16.64	0.006412	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	20	21.90	0.008439	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	30	27.05	0.010424	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	40	39.78	0.015329	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	50	44.09	0.016990	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	-30	36.74	0.014158	±2.5	PASS

Band38	10MHz	16QAM	38000	50RB#0	NV	-20	49.88	0.019222	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	-10	54.50	0.021002	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	0	27.18	0.010474	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	10	38.98	0.015021	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	20	47.34	0.018243	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	30	-12.89	-0.004967	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	40	10.66	0.004108	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	50	16.74	0.006451	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	-30	40.53	0.015499	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	-20	49.44	0.018906	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	-10	56.35	0.021549	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	0	27.17	0.010390	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	10	29.28	0.011197	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	20	27.18	0.010394	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	30	29.93	0.011446	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	40	32.64	0.012482	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	50	34.96	0.013369	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	-30	6.07	0.002321	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	-20	17.02	0.006509	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	-10	36.68	0.014027	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	0	40.98	0.015671	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	10	49.31	0.018857	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	20	-15.71	-0.006008	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	30	25.81	0.009870	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	40	24.00	0.009178	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	50	33.70	0.012887	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	-30	33.75	0.013094	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	-20	32.54	0.012625	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	-10	28.47	0.011046	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	0	25.15	0.009758	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	10	21.19	0.008221	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	20	16.15	0.006266	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	30	15.81	0.006134	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	40	20.11	0.007802	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	50	11.03	0.004279	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	-30	22.00	0.008535	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	-20	28.35	0.010999	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	-10	29.94	0.011616	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	0	38.60	0.014976	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	10	42.82	0.016613	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	20	46.28	0.017955	±2.5	PASS

Band38	15MHz	16QAM	37825	75RB#0	NV	30	55.46	0.021517	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	40	-11.87	-0.004605	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	50	-8.63	-0.003348	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	-30	27.75	0.010694	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	-20	22.65	0.008728	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	-10	24.29	0.009360	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	0	23.46	0.009040	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	10	11.46	0.004416	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	20	17.25	0.006647	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	30	15.69	0.006046	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	40	11.77	0.004536	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	50	9.73	0.003750	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	-30	15.64	0.006027	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	-20	21.36	0.008231	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	-10	29.78	0.011476	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	0	34.33	0.013229	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	10	40.04	0.015430	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	20	44.10	0.016994	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	30	53.77	0.020721	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	40	-19.57	-0.007541	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	50	-10.43	-0.004019	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	-30	26.26	0.010052	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	-20	30.10	0.011522	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	-10	32.57	0.012467	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	0	34.89	0.013355	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	10	38.19	0.014618	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	20	52.19	0.019977	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	30	46.38	0.017753	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	40	45.60	0.017455	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	50	45.91	0.017573	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	-30	45.59	0.017451	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	-20	63.60	0.024344	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	-10	-12.03	-0.004605	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	0	9.31	0.003564	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	10	17.44	0.006676	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	20	26.45	0.010124	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	30	31.46	0.012042	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	40	45.96	0.017592	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	50	50.50	0.019330	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-30	6.65	0.002578	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-20	-11.93	-0.004624	±2.5	PASS

Band38	20MHz	QPSK	37850	100RB#0	NV	-10	5.29	0.002050	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	0	-9.53	-0.003694	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	10	-3.15	-0.001221	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	20	14.16	0.005488	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	30	-10.66	-0.004132	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	40	-5.22	-0.002023	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	50	-7.11	-0.002756	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-30	15.29	0.005926	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-20	28.54	0.011062	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-10	30.01	0.011632	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	0	34.98	0.013558	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	10	43.87	0.017004	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	20	45.18	0.017512	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	30	57.72	0.022372	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	40	6.52	0.002527	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	50	14.76	0.005721	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-30	14.19	0.005468	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-20	9.64	0.003715	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-10	6.75	0.002601	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	0	21.16	0.008154	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	10	9.04	0.003484	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	20	-8.45	-0.003256	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	30	-12.42	-0.004786	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	40	-21.47	-0.008274	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	50	-18.00	-0.006936	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-30	9.84	0.003792	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-20	18.21	0.007017	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-10	24.43	0.009414	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	0	32.56	0.012547	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	10	44.65	0.017206	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	20	47.65	0.018362	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	30	50.08	0.019299	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	40	-16.99	-0.006547	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	50	11.23	0.004328	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-30	22.83	0.008747	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-20	21.03	0.008057	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-10	24.53	0.009398	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	0	23.85	0.009138	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	10	24.55	0.009406	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	20	23.07	0.008839	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	30	25.78	0.009877	±2.5	PASS

Band38	20MHz	QPSK	38150	100RB#0	NV	40	23.47	0.008992	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	50	21.37	0.008188	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-30	35.31	0.013529	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-20	48.58	0.018613	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-10	50.43	0.019322	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	0	-12.73	-0.004877	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	10	9.01	0.003452	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	20	14.68	0.005625	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	30	20.06	0.007686	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	40	34.36	0.013165	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	50	34.95	0.013391	±2.5	PASS