

## **Appendix**

**IC:24259-506586A1**

**FCC ID:2AHVH586586A1**

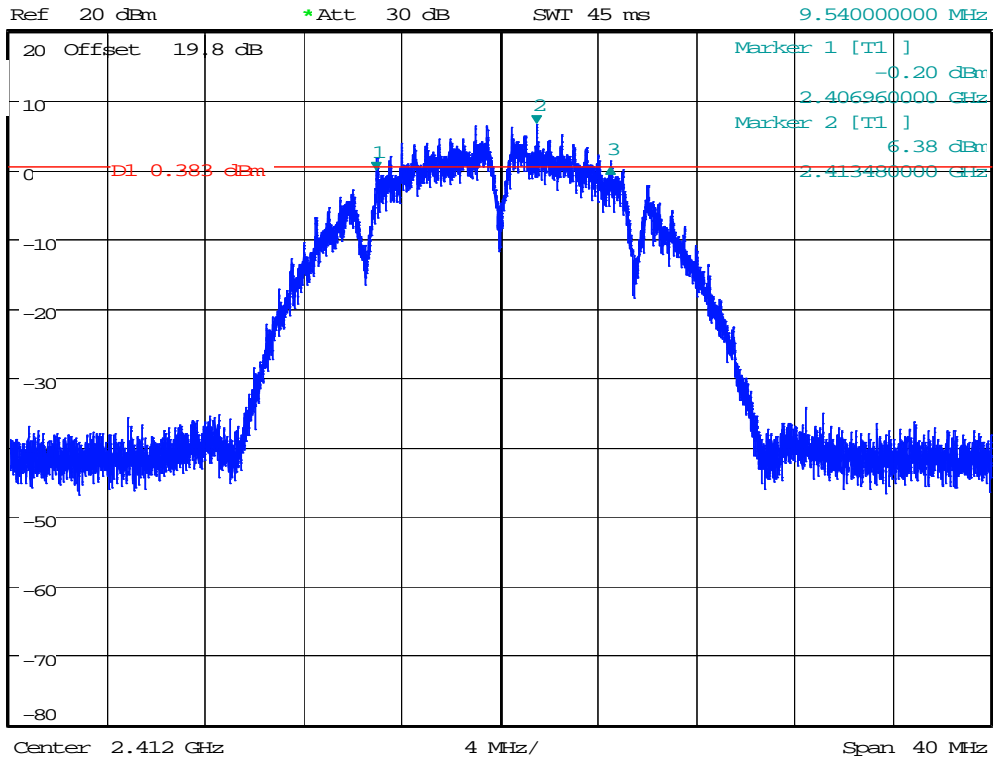
## 1.6dB Bandwidth

Test Mode	Test Channel	Ant	6dB Bandwidth [MHz]	Limit[MHz]	Verdict
11B	2412	Ant1	9.54	≥0.5	PASS
11B	2437	Ant1	9.536	≥0.5	PASS
11B	2462	Ant1	9.536	≥0.5	PASS
11G	2412	Ant1	16.296	≥0.5	PASS
11G	2437	Ant1	16.316	≥0.5	PASS
11G	2462	Ant1	16.272	≥0.5	PASS
11N20SISO	2412	Ant1	15.968	≥0.5	PASS
11N20SISO	2437	Ant1	16.3	≥0.5	PASS
11N20SISO	2462	Ant1	16.552	≥0.5	PASS
11N40SISO	2422	Ant1	35.704	≥0.5	PASS
11N40SISO	2437	Ant1	35.632	≥0.5	PASS
11N40SISO	2452	Ant1	35.928	≥0.5	PASS
11B	2412	Ant2	9.028	≥0.5	PASS
11B	2437	Ant2	9.064	≥0.5	PASS
11B	2462	Ant2	9.564	≥0.5	PASS
11G	2412	Ant2	15.784	≥0.5	PASS
11G	2437	Ant2	16.304	≥0.5	PASS
11G	2462	Ant2	16.276	≥0.5	PASS
11N20SISO	2412	Ant2	16.532	≥0.5	PASS
11N20SISO	2437	Ant2	16.264	≥0.5	PASS
11N20SISO	2462	Ant2	16.3	≥0.5	PASS
11N40SISO	2422	Ant2	35.032	≥0.5	PASS
11N40SISO	2437	Ant2	35.904	≥0.5	PASS
11N40SISO	2452	Ant2	36.056	≥0.5	PASS
11N20SISO	2412	Ant1+2	16.252	≥0.5	PASS
11N20SISO	2437	Ant1+2	16.544	≥0.5	PASS
11N20SISO	2462	Ant1+2	16.564	≥0.5	PASS
11N40SISO	2422	Ant1+2	35.712	≥0.5	PASS
11N40SISO	2437	Ant1+2	35.496	≥0.5	PASS
11N40SISO	2452	Ant1+2	36.048	≥0.5	PASS

### 6dB Bandwidth\_11B\_2412\_Ant1



\* RBW 100 kHz  
\* VEW 300 kHz  
SWT 45 ms  
Delta 3 [T1 ]  
0.31 dB  
9.540000000 MHz

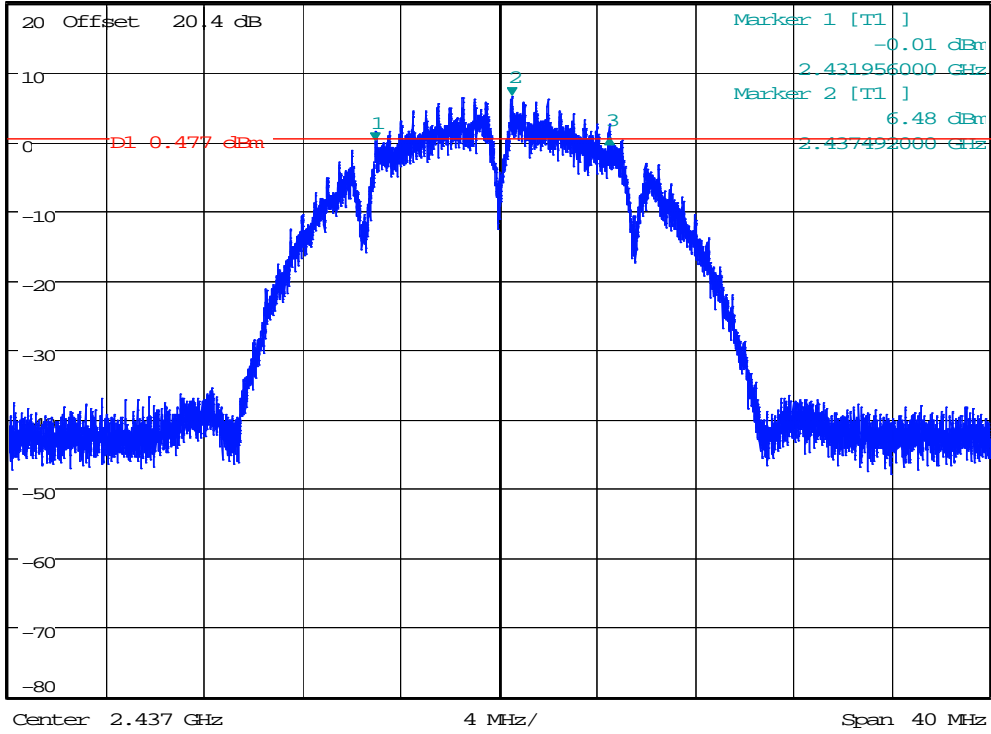


Date: 19.SEP.2018 17:33:12

### 6dB Bandwidth\_11B\_2437\_Ant1



Ref 20 dBm \*Att 30 dB SWI 45 ms Delta 3 [T1 ] 0.36 dB  
 \*REW 100 kHz \*VEW 300 kHz 9.536000000 MHz

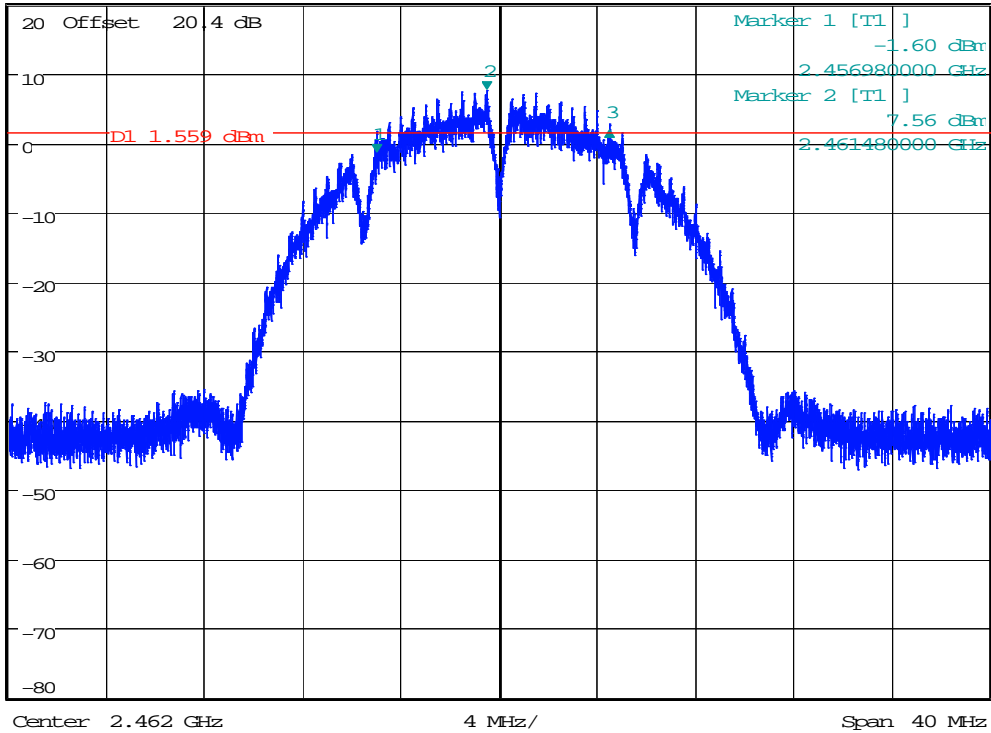


Date: 19.SEP.2018 17:40:00

6dB Bandwidth\_11B\_2462\_Ant1

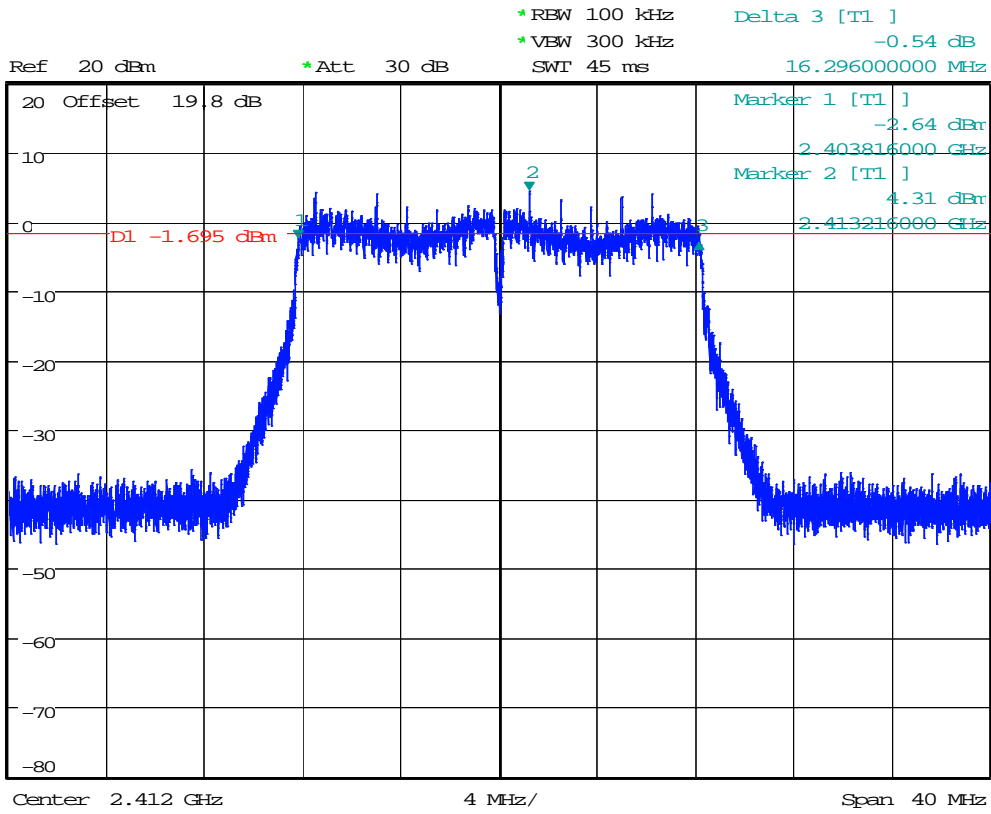


Ref 20 dBm \*Att 30 dB SWI 45 ms Delta 3 [T1 ] 3.14 dB  
 \*REW 100 kHz \*VEW 300 kHz 9.536000000 MHz



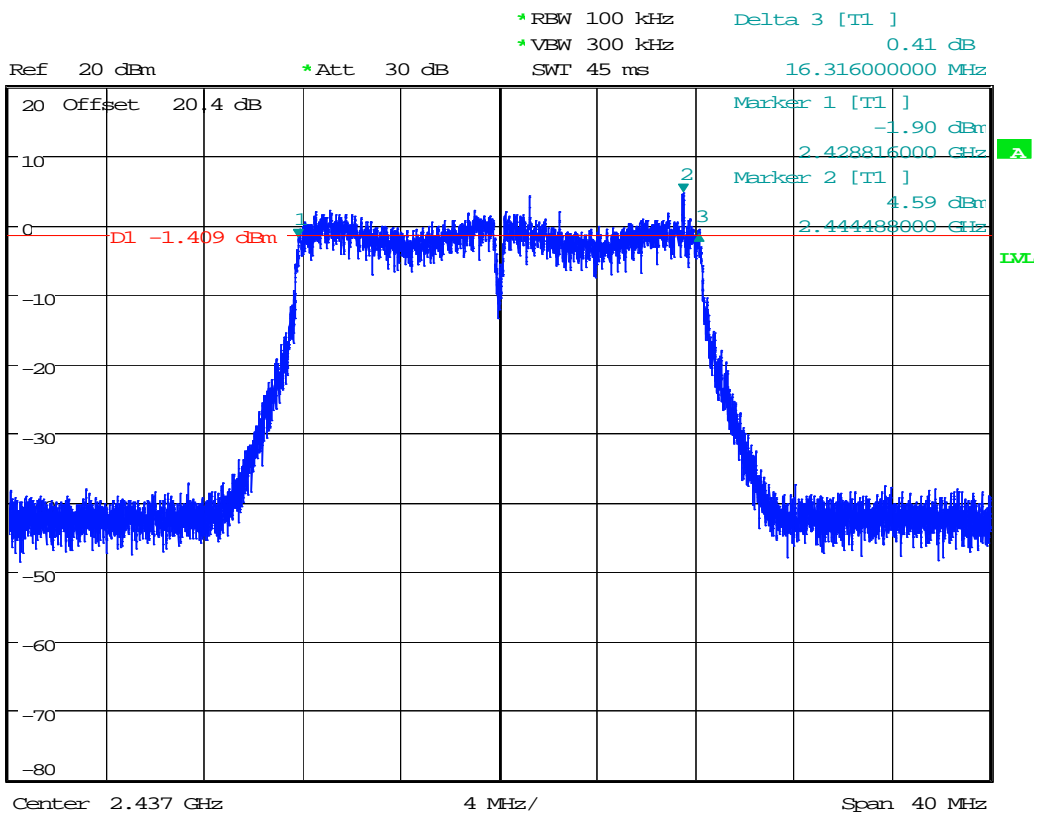
Date: 19.SEP.2018 17:45:06

6dB Bandwidth\_11G\_2412\_Ant1



Date: 19.SEP.2018 17:50:12

6dB Bandwidth\_11G\_2437\_Ant1

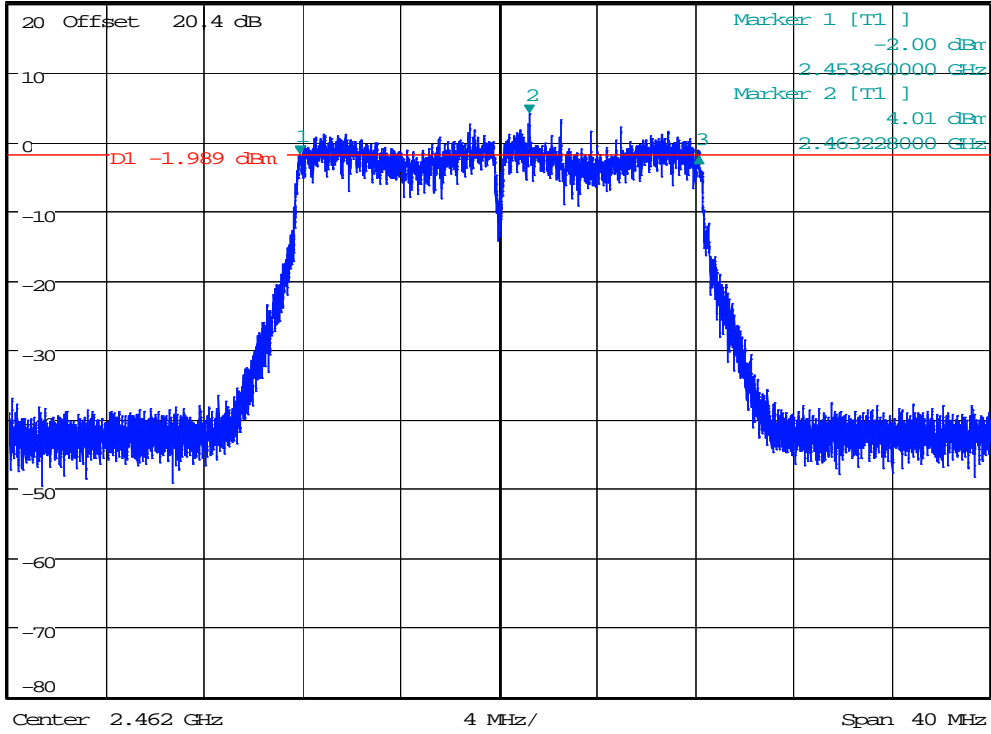


Date: 19.SEP.2018 17:55:08

6dB Bandwidth\_11G\_2462\_Ant1



Ref 20 dBm \*Att 30 dB  
 \*REW 100 kHz Delta 3 [T1 ]  
 \*VEW 300 kHz -0.35 dB  
 SWT 45 ms 16.272000000 MHz

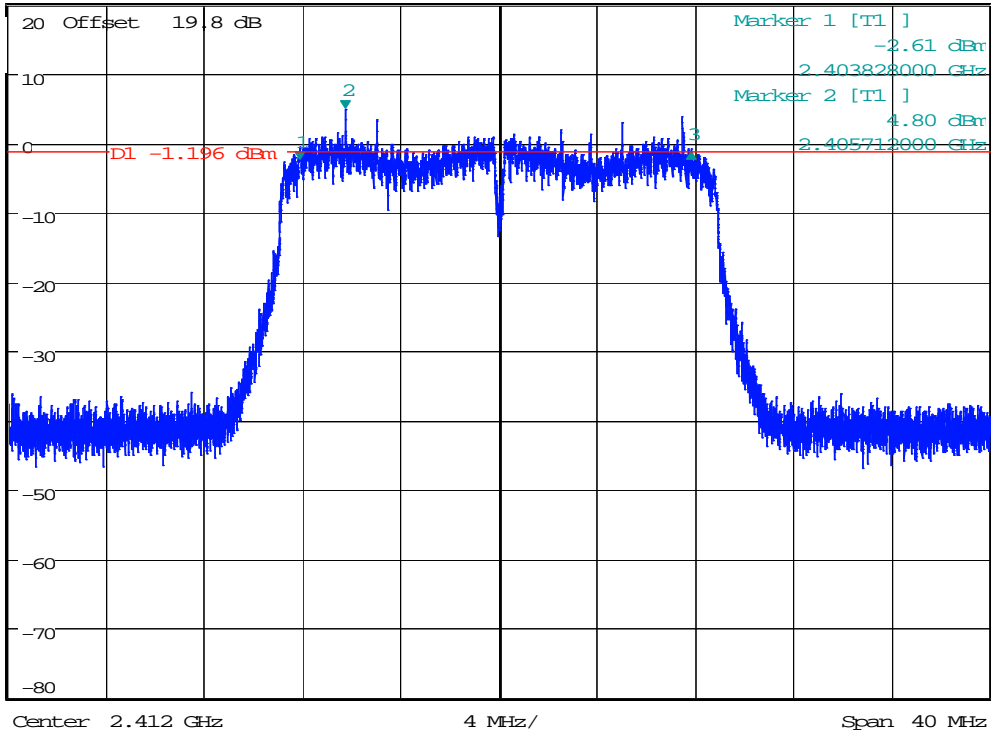


Date: 19.SEP.2018 18:00:12

6dB Bandwidth\_11N20SISO\_2412\_Ant1



Ref 20 dBm \*Att 30 dB  
 \*REW 100 kHz Delta 3 [T1 ]  
 \*VEW 300 kHz 1.01 dB  
 SWT 45 ms 15.968000000 MHz

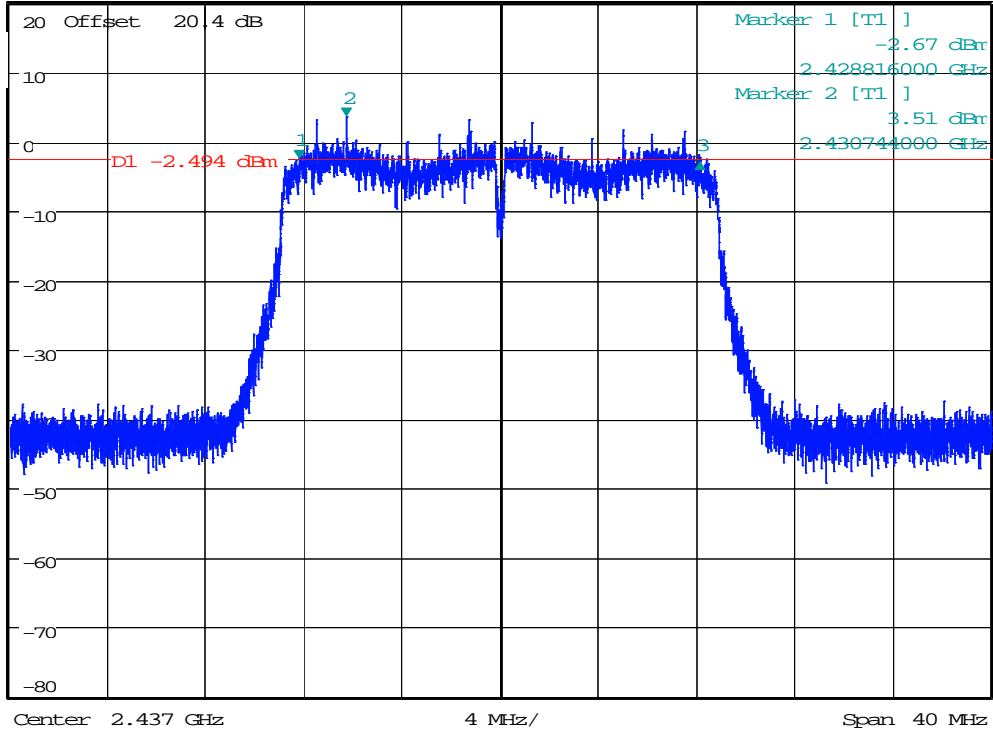


Date: 19.SEP.2018 18:05:18

6dB Bandwidth\_11N20SISO\_2437\_Ant1



Ref 20 dBm      \*Att 30 dB      Delta 3 [T1 ]  
 \*REW 100 kHz      -0.62 dB  
 \*VEW 300 kHz      16.30000000 MHz  
 SWT 45 ms

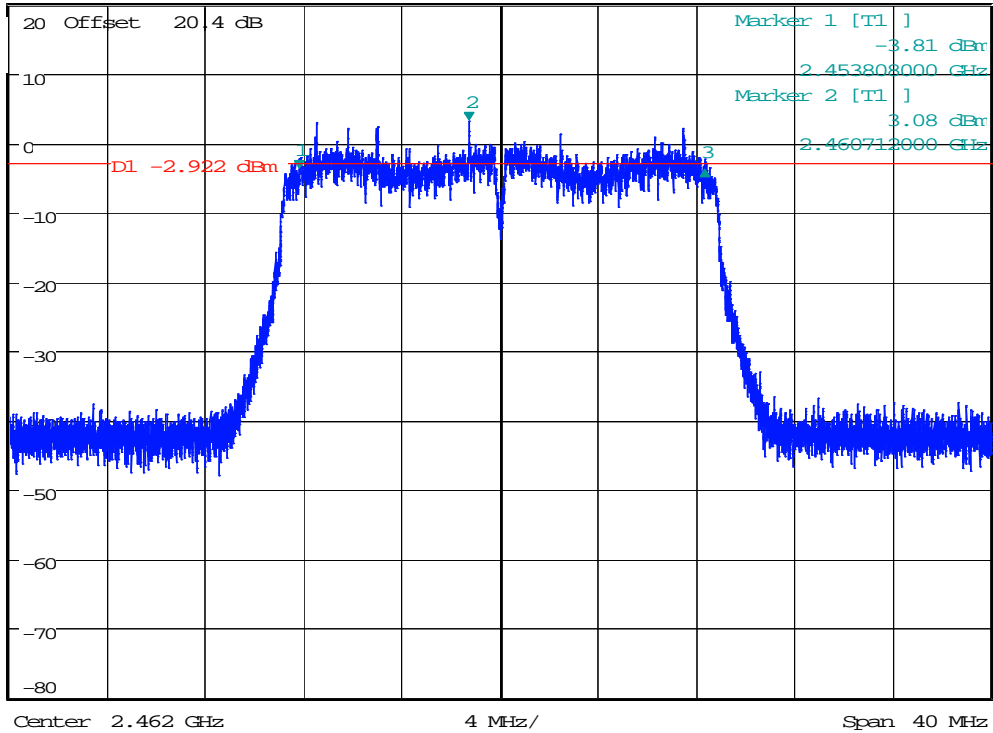


Date: 19.SEP.2018 18:10:51

6dB Bandwidth\_11N20SISO\_2462\_Ant1

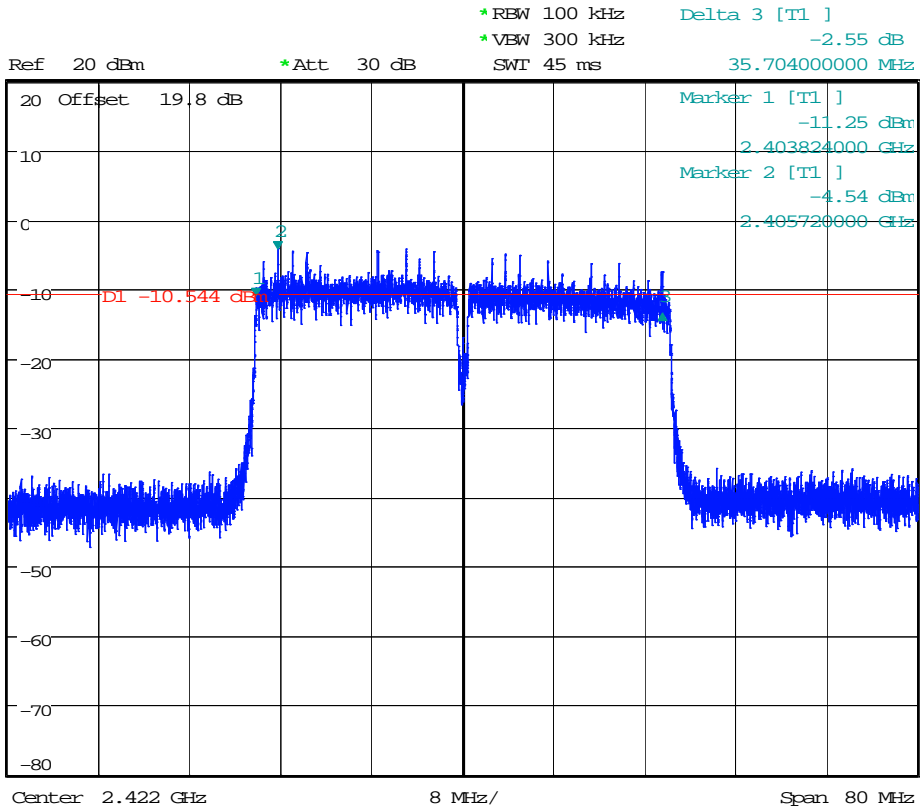


Ref 20 dBm      \*Att 30 dB      Delta 3 [T1 ]  
 \*REW 100 kHz      -0.32 dB  
 \*VEW 300 kHz      16.55200000 MHz  
 SWT 45 ms



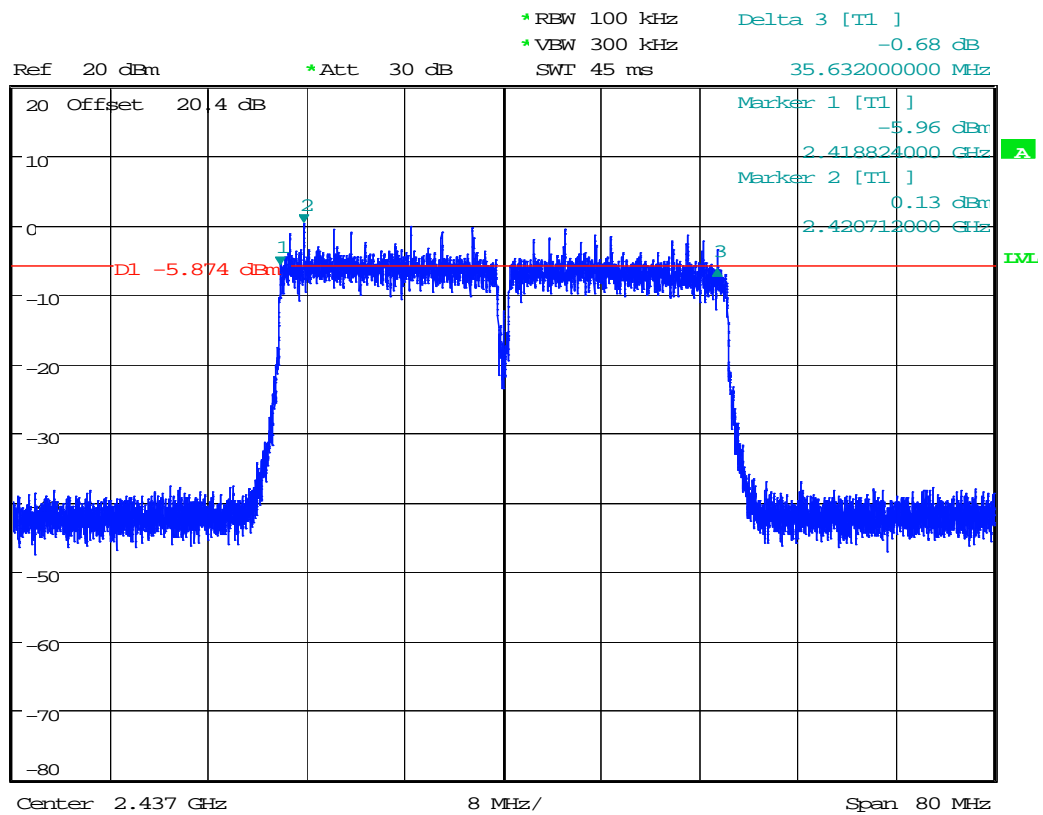
Date: 19.SEP.2018 18:14:53

6dB Bandwidth\_11N40SISO\_2422\_Ant1



Date: 20.SEP.2018 17:16:38

6dB Bandwidth\_11N40SISO\_2437\_Ant1



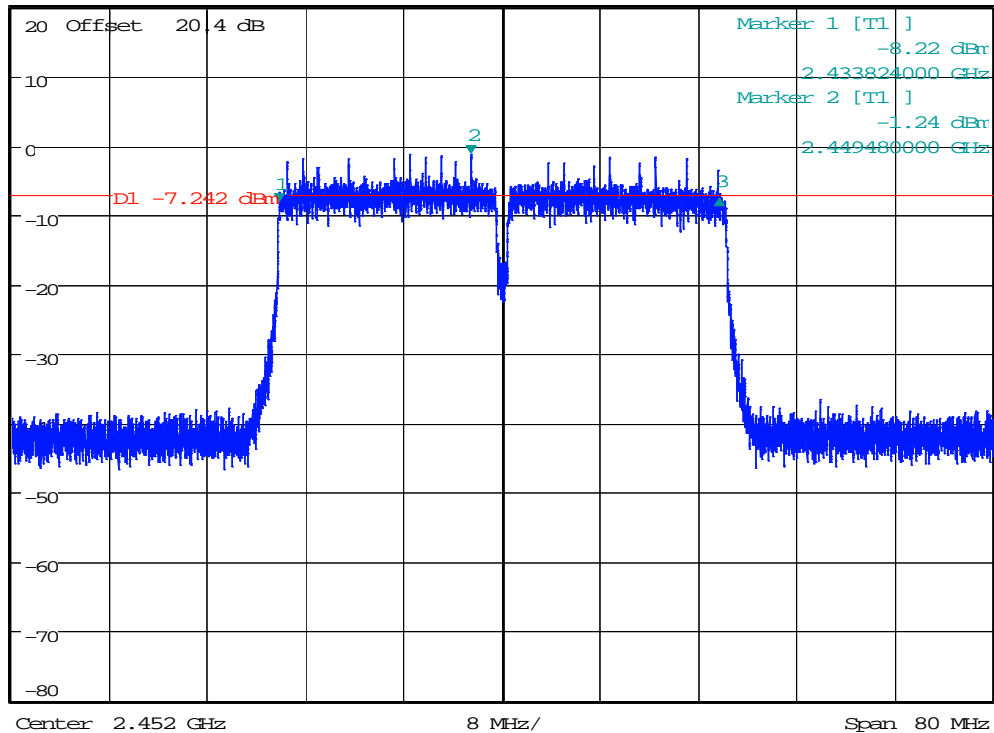
Date: 19.SEP.2018 18:25:46

6dB Bandwidth\_11N40SISO\_2452\_Ant1





Ref 20 dBm      \*Att 30 dB      Delta 3 [T1 ]  
 \*REW 100 kHz      0.35 dB  
 \*VEW 300 kHz  
 SWT 45 ms      35.92800000 MHz

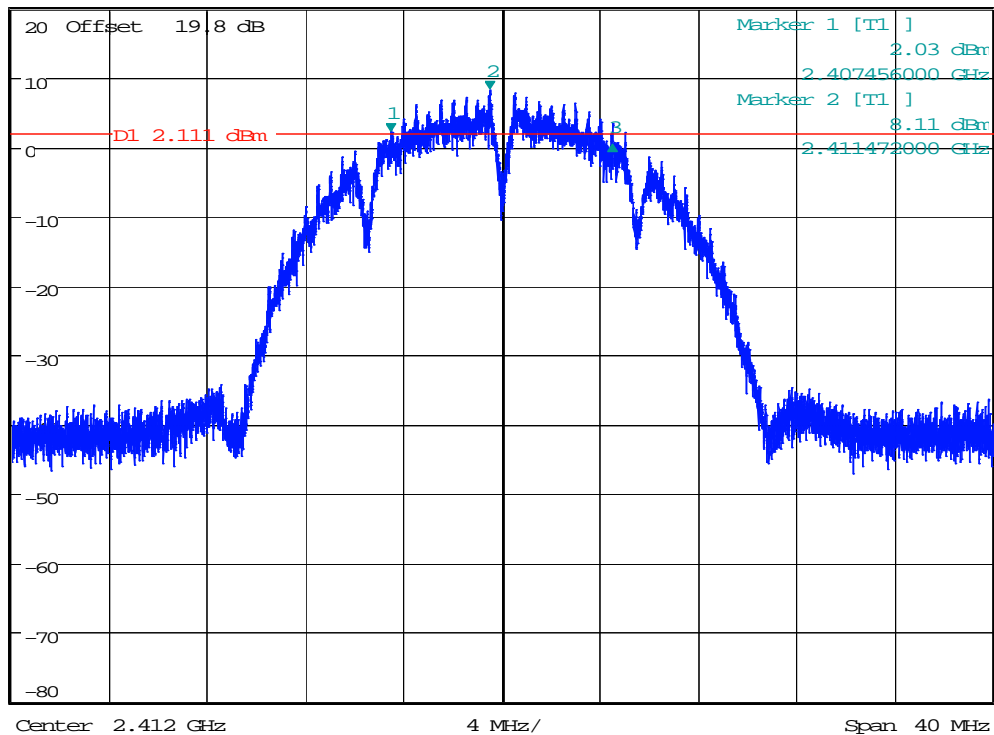


Date: 19.SEP.2018 18:31:07

6dB Bandwidth\_11B\_2412\_Ant2



Ref 20 dBm      \*Att 30 dB      Delta 3 [T1 ]  
 \*REW 100 kHz      -1.87 dB  
 \*VEW 300 kHz  
 SWT 45 ms      9.028000000 MHz

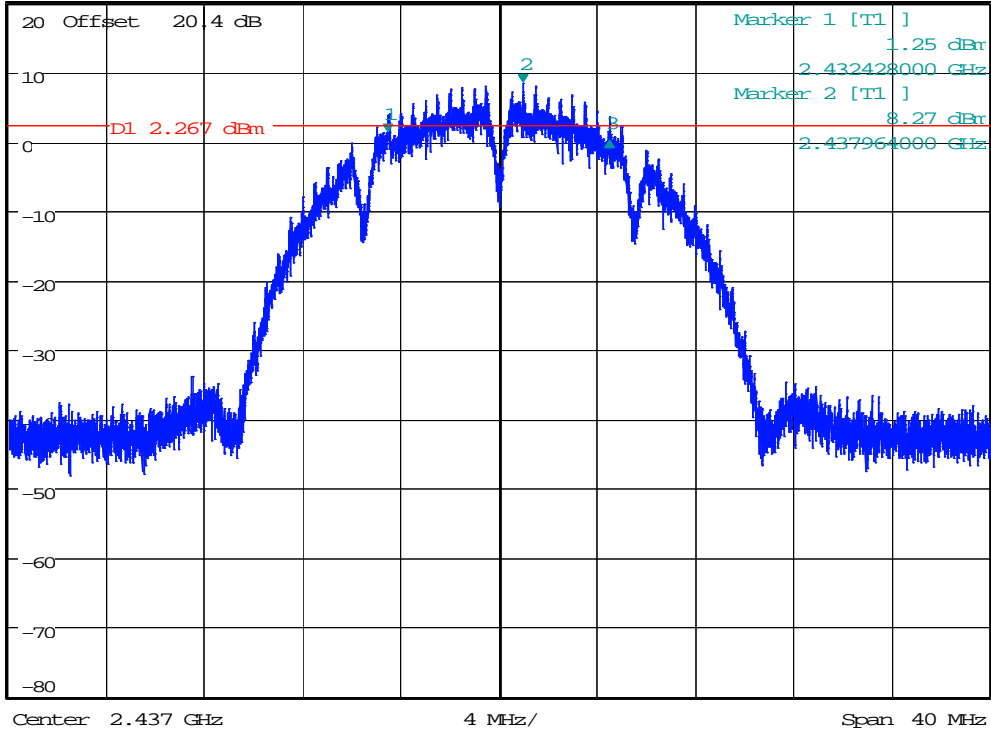


Date: 19.SEP.2018 18:38:15

6dB Bandwidth\_11B\_2437\_Ant2



Ref 20 dBm \*Att 30 dB SWI 45 ms Delta 3 [T1 ]  
 \*REW 100 kHz -1.30 dB  
 \*VEW 300 kHz 9.064000000 MHz

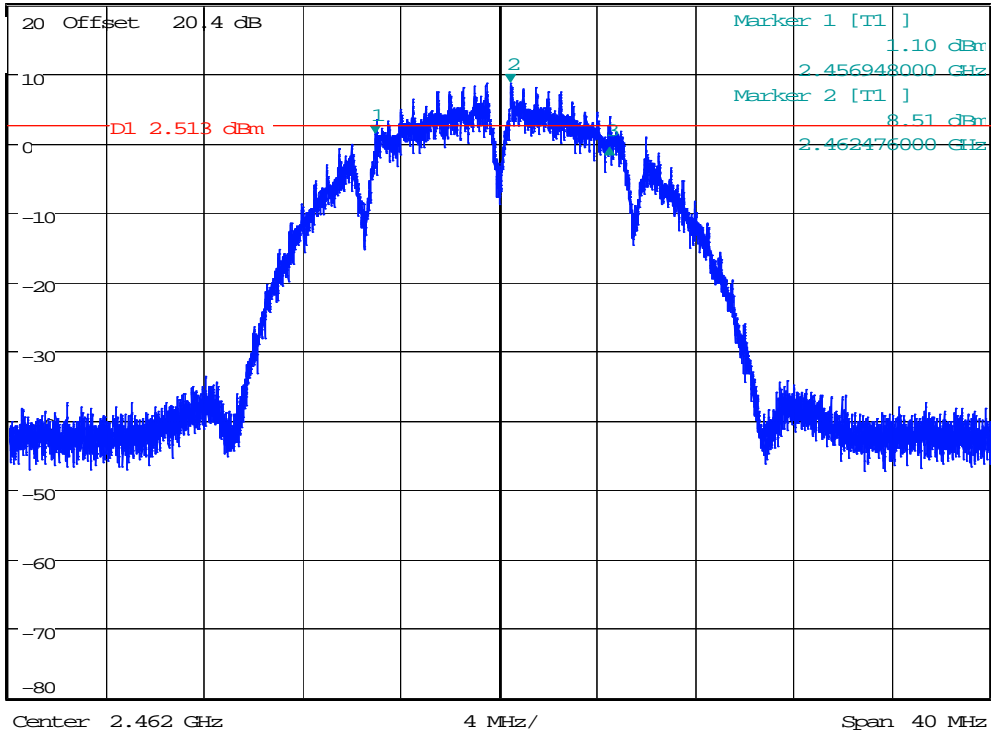


Date: 19.SEP.2018 18:46:38

6dB Bandwidth\_11B\_2462\_Ant2



Ref 20 dBm \*Att 30 dB SWI 45 ms Delta 3 [T1 ]  
 \*REW 100 kHz -1.91 dB  
 \*VEW 300 kHz 9.564000000 MHz

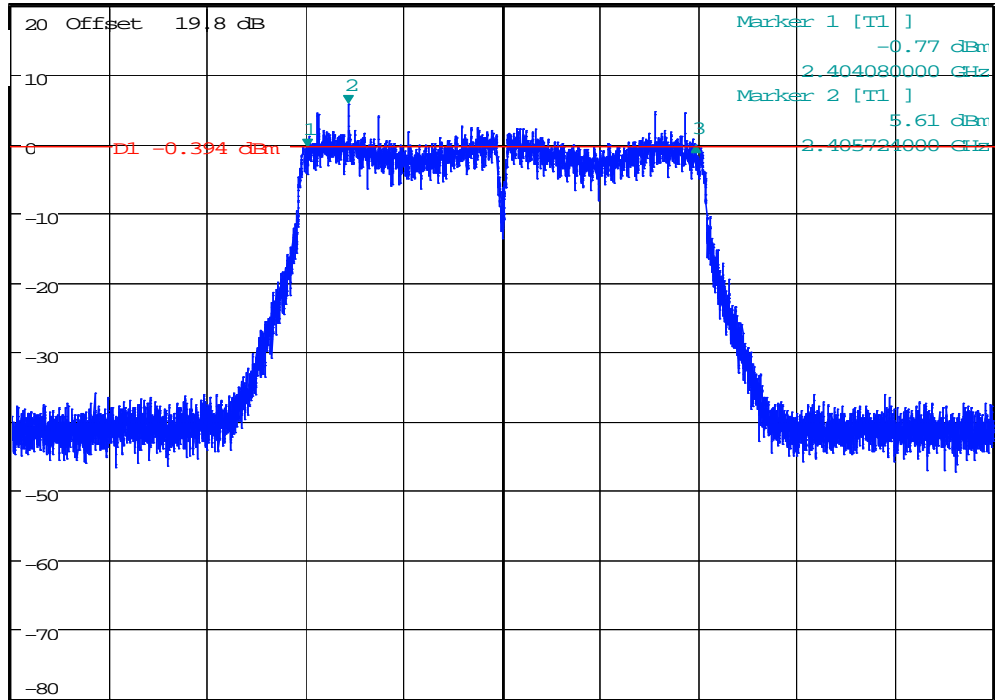


Date: 19.SEP.2018 18:51:39

6dB Bandwidth\_11G\_2412\_Ant2



Ref 20 dBm      \*Att 30 dB      Delta 3 [T1 ]  
 \*REW 100 kHz      0.34 dB  
 \*VEW 300 kHz  
 SWT 45 ms      15.784000000 MHz



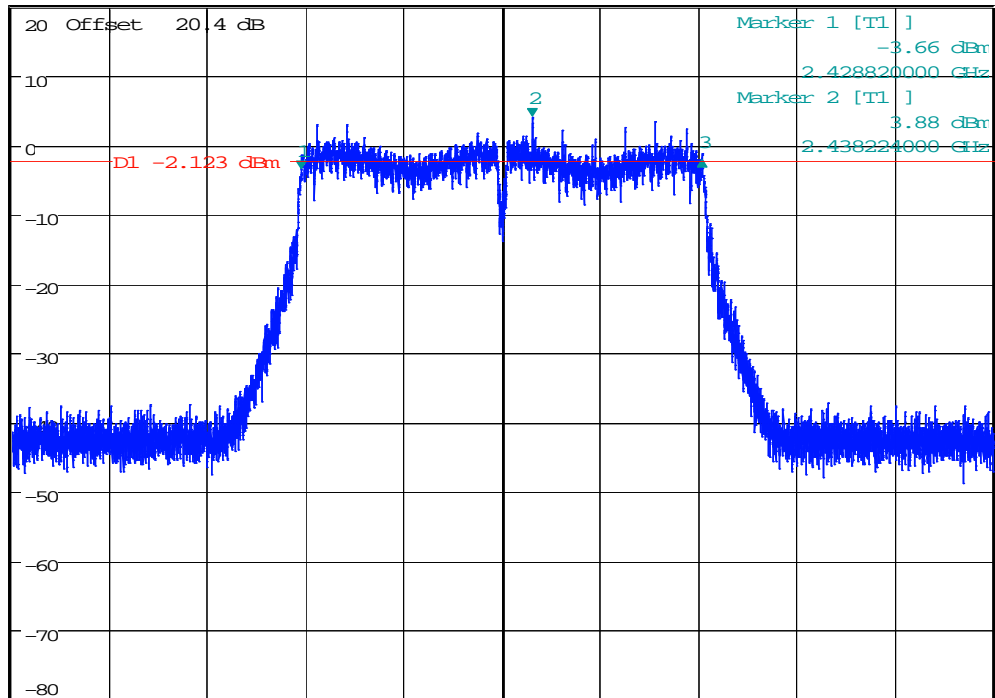
Center 2.412 GHz      4 MHz/      Span 40 MHz

Date: 19.SEP.2018 18:57:15

6dB Bandwidth\_11G\_2437\_Ant2



Ref 20 dBm      \*Att 30 dB      Delta 3 [T1 ]  
 \*REW 100 kHz      1.20 dB  
 \*VEW 300 kHz  
 SWT 45 ms      16.304000000 MHz



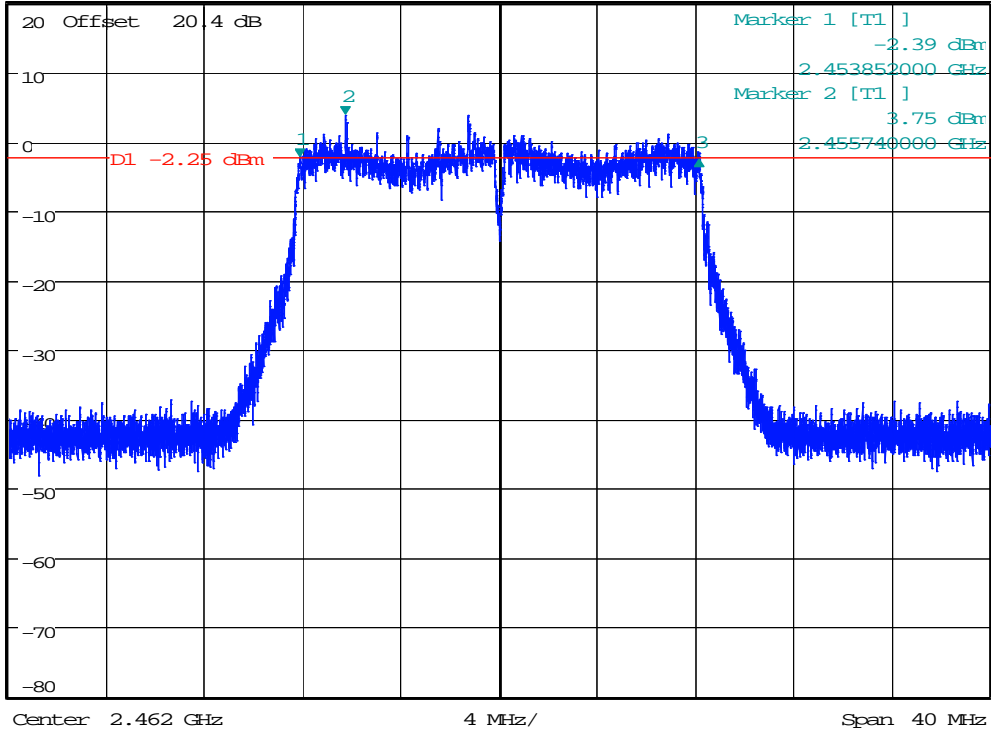
Center 2.437 GHz      4 MHz/      Span 40 MHz

Date: 19.SEP.2018 19:02:01

6dB Bandwidth\_11G\_2462\_Ant2



Ref 20 dBm \*Att 30 dB SWI 45 ms Delta 3 [T1 ]  
 \*REW 100 kHz -0.47 dB  
 \*VEW 300 kHz 16.276000000 MHz

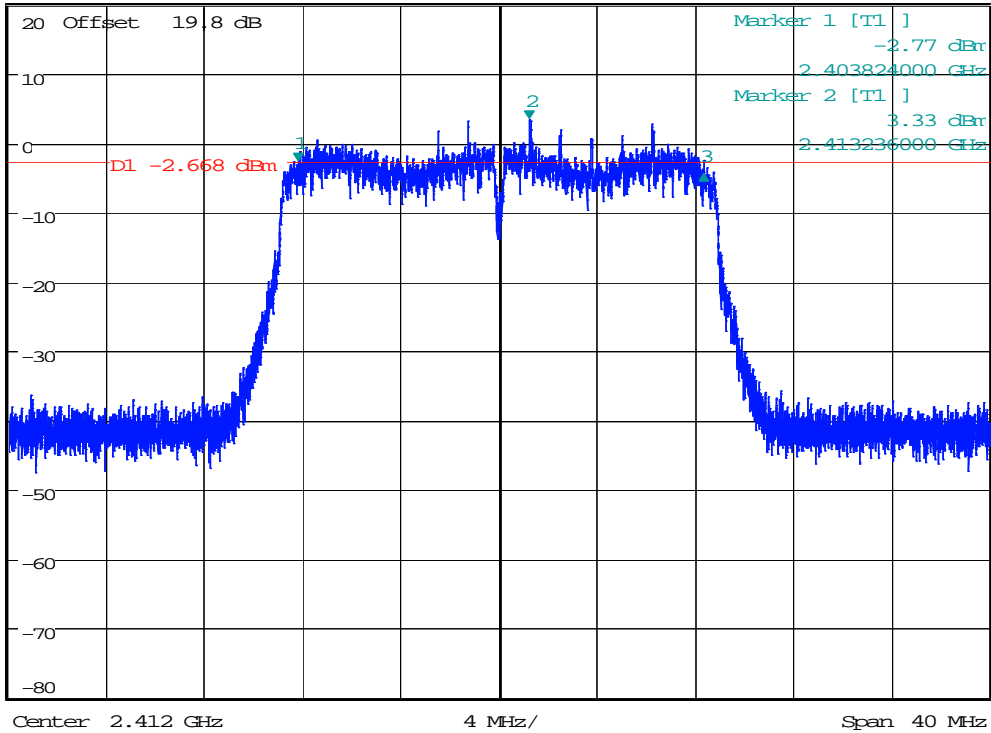


Date: 19.SEP.2018 19:06:08

6dB Bandwidth\_11N20SISO\_2412\_Ant2

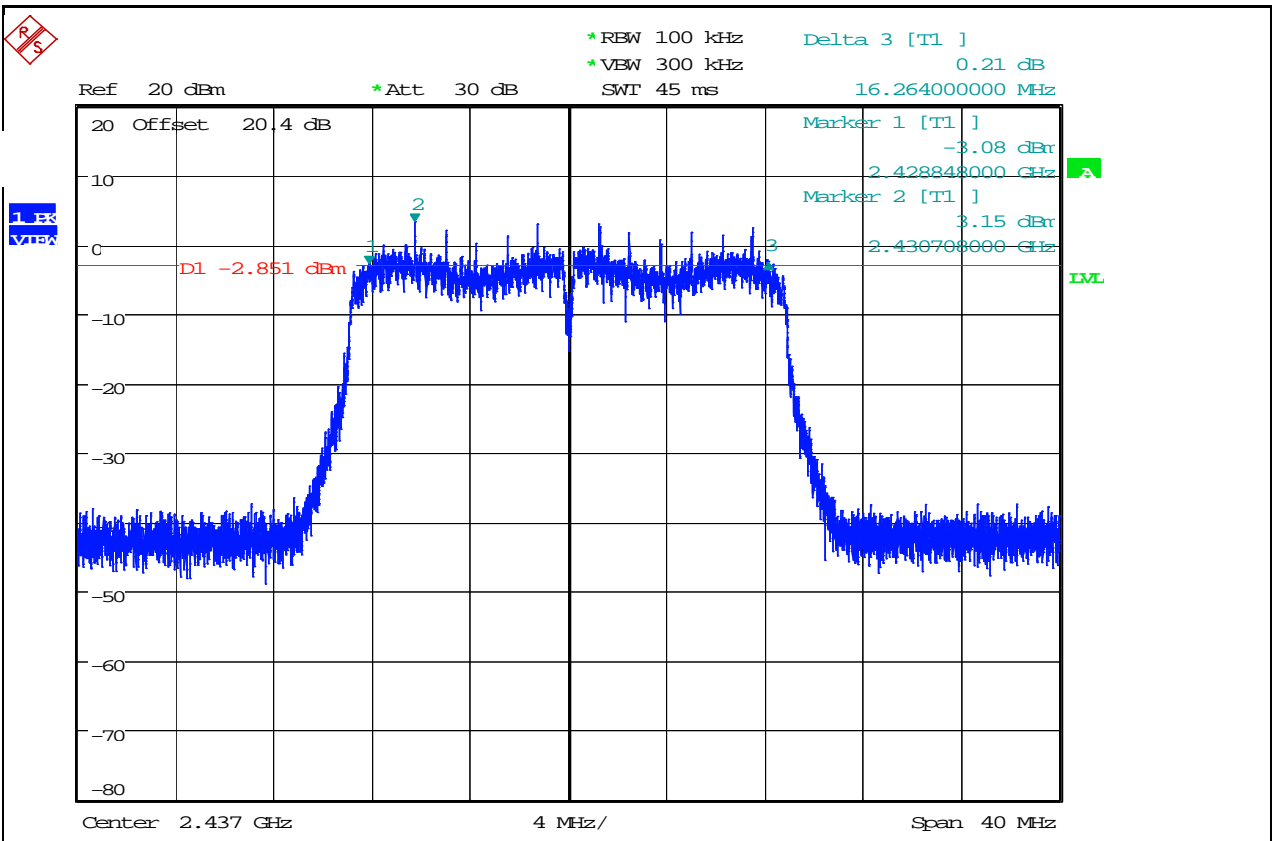


Ref 20 dBm \*Att 30 dB SWI 45 ms Delta 3 [T1 ]  
 \*REW 100 kHz -1.84 dB  
 \*VEW 300 kHz 16.532000000 MHz



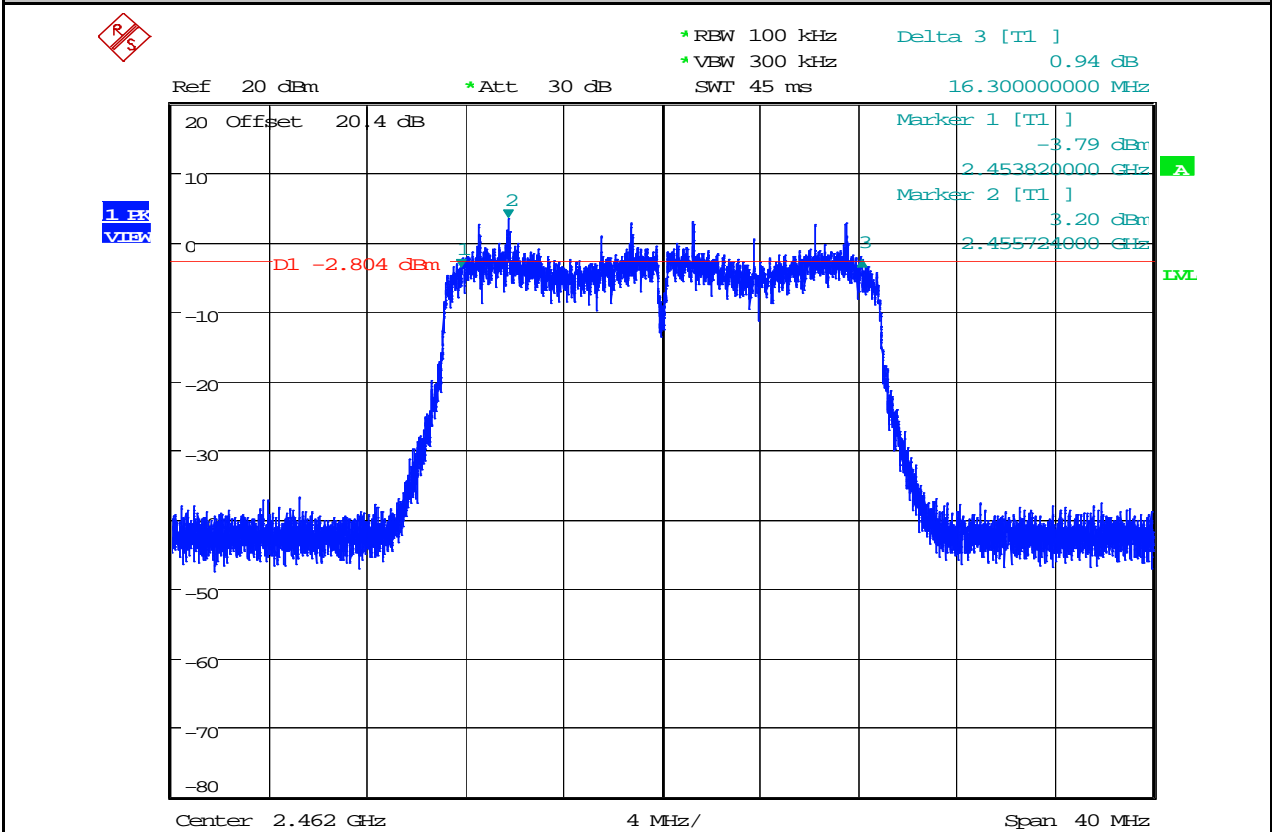
Date: 19.SEP.2018 19:14:20

6dB Bandwidth\_11N20SISO\_2437\_Ant2



Date: 19.SEP.2018 19:18:55

6dB Bandwidth\_11N20SISO\_2462\_Ant2

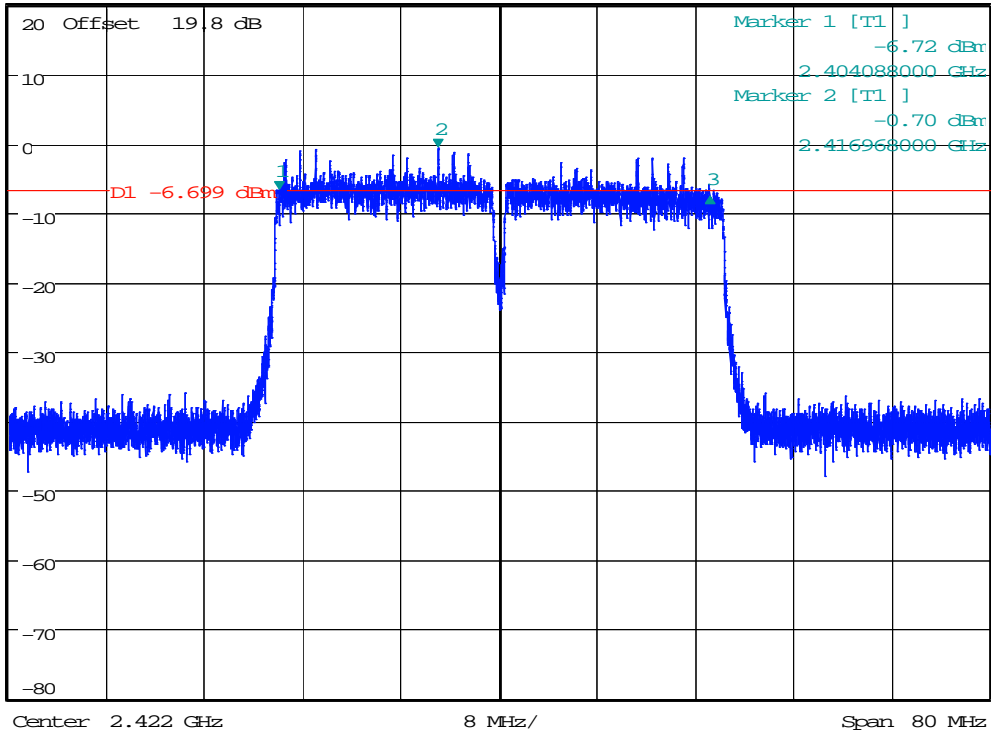


Date: 19.SEP.2018 19:23:10

6dB Bandwidth\_11N40SISO\_2422\_Ant2



Ref 20 dBm \*Att 30 dB SWI 45 ms Delta 3 [T1 ]  
 \*REW 100 kHz -1.21 dB  
 \*VEW 300 kHz 35.032000000 MHz

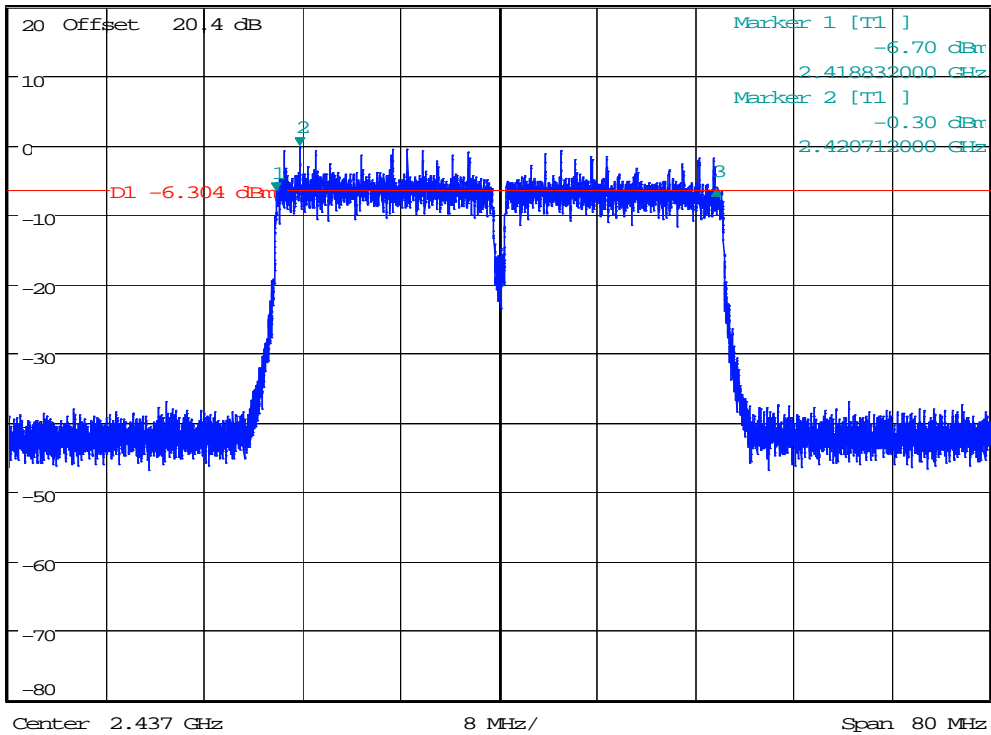


Date: 20.SEP.2018 09:52:07

6dB Bandwidth\_11N40SISO\_2437\_Ant2



Ref 20 dBm \*Att 30 dB SWI 45 ms Delta 3 [T1 ]  
 \*REW 100 kHz 0.18 dB  
 \*VEW 300 kHz 35.904000000 MHz

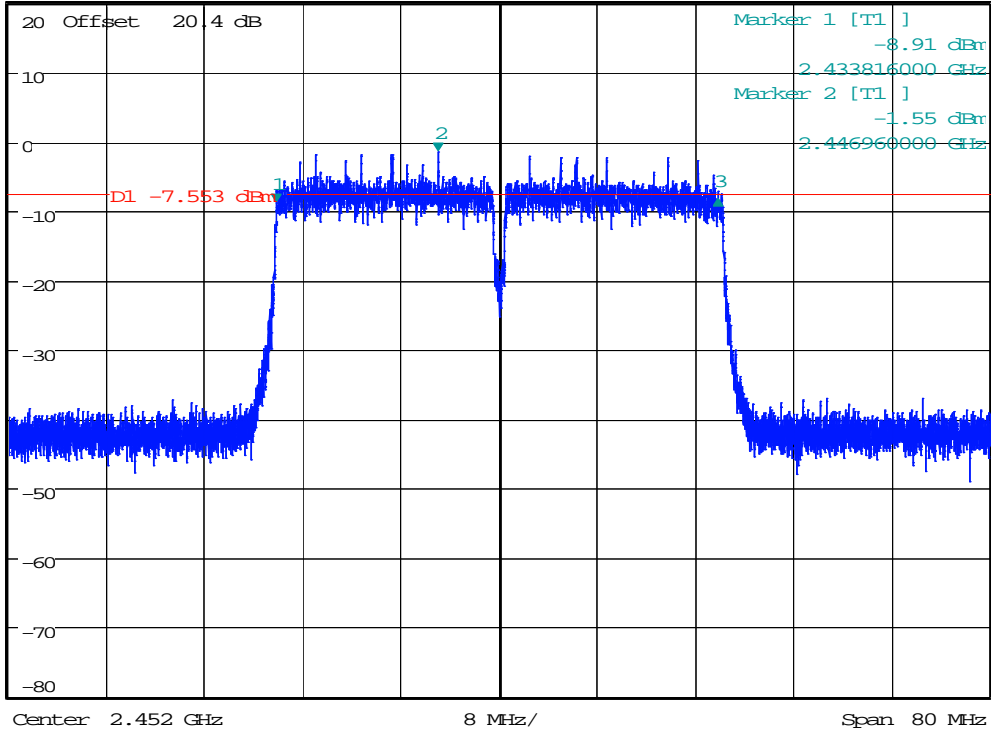


Date: 20.SEP.2018 09:56:50

6dB Bandwidth\_11N40SISO\_2452\_Ant2



Ref 20 dBm \*Att 30 dB  
 \*REW 100 kHz Delta 3 [T1 ]  
 \*VEW 300 kHz 0.50 dB  
 SWT 45 ms 36.056000000 MHz

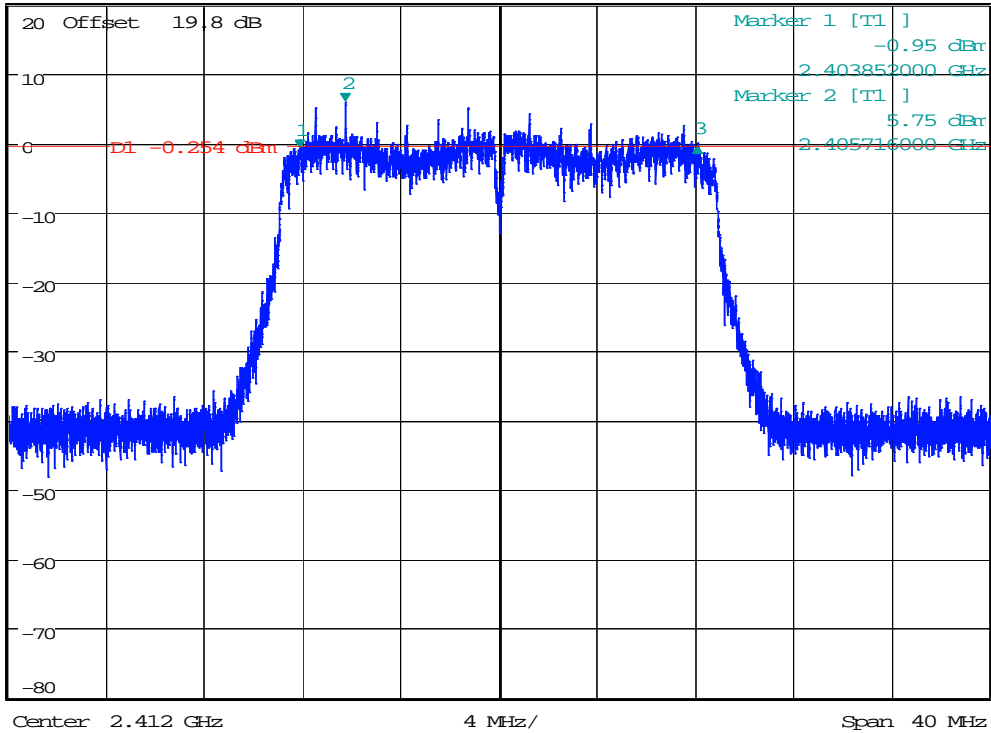


Date: 20.SEP.2018 10:01:04

6dB Bandwidth\_11N20SISO\_2412\_Ant1+2



Ref 20 dBm \*Att 30 dB  
 \*REW 100 kHz Delta 3 [T1 ]  
 \*VEW 300 kHz 0.22 dB  
 SWT 45 ms 16.252000000 MHz

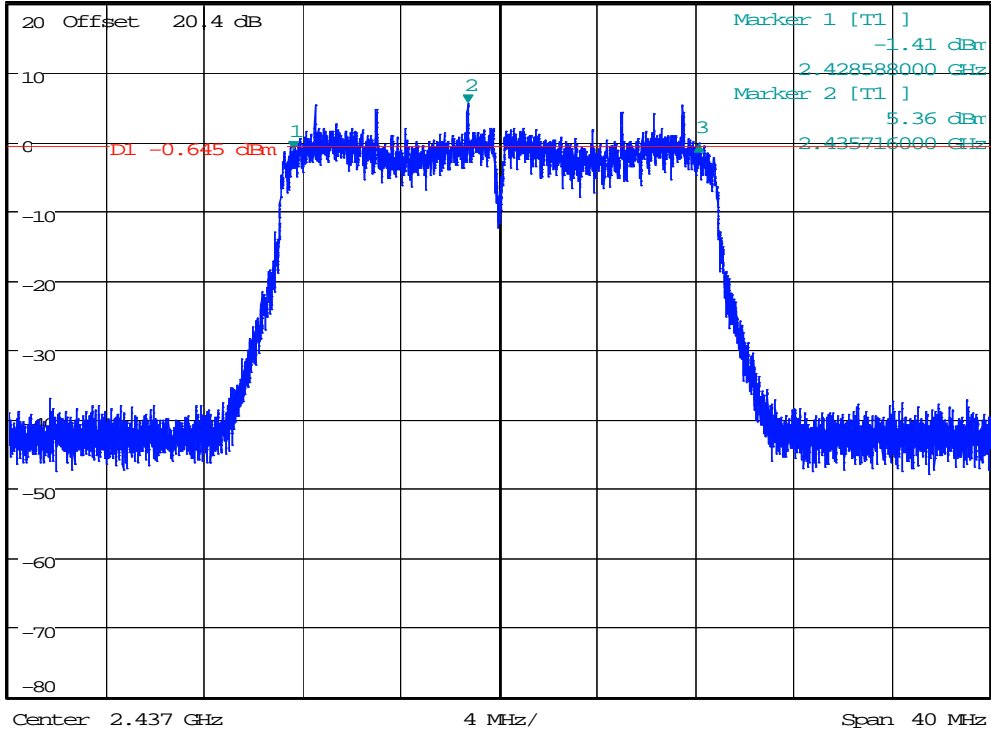


Date: 20.SEP.2018 10:14:03

6dB Bandwidth\_11N20SISO\_2437\_Ant1+2



Ref 20 dBm \*Att 30 dB SWI 45 ms Delta 3 [T1 ] 0.76 dB  
 16.544000000 MHz

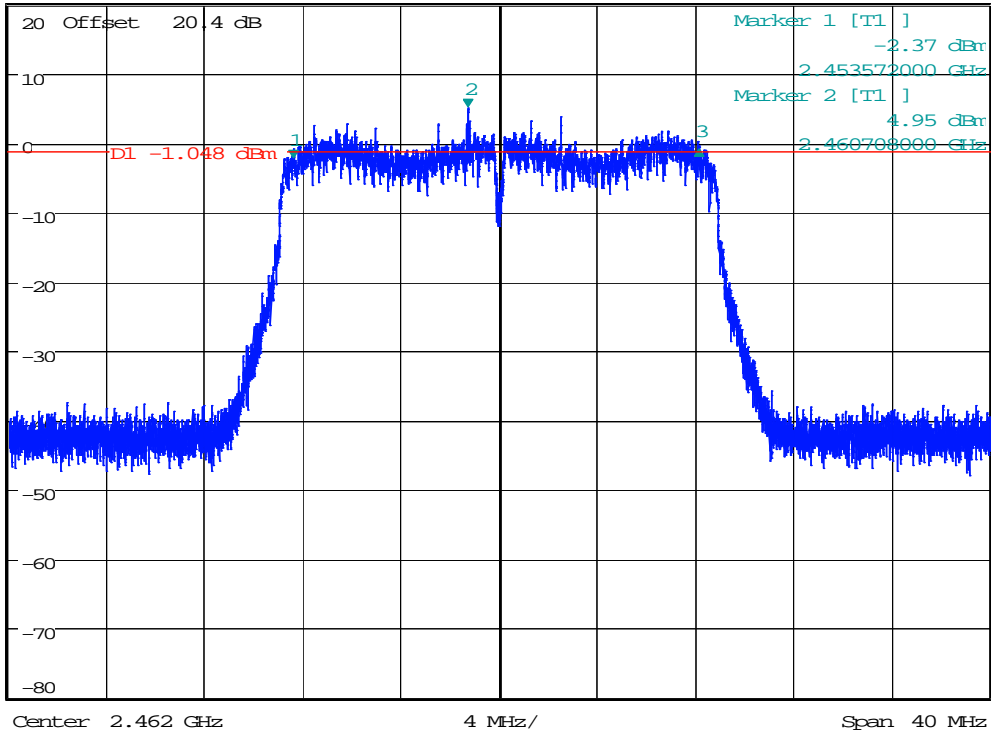


Date: 20.SEP.2018 10:21:47

6dB Bandwidth\_11N20SISO\_2462\_Ant1+2



Ref 20 dBm \*Att 30 dB SWI 45 ms Delta 3 [T1 ] 1.20 dB  
 16.564000000 MHz



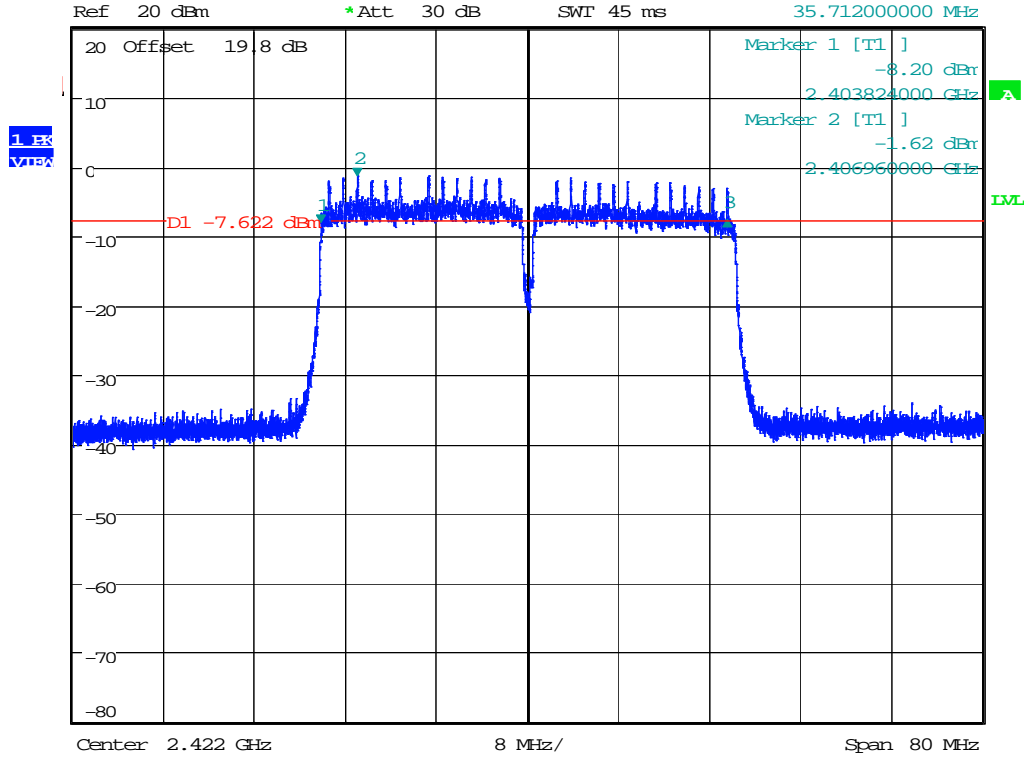
Date: 20.SEP.2018 10:25:49

6dB Bandwidth\_11N40SISO\_2422\_Ant1+2





\*REW 100 kHz Delta 3 [T1 ]  
 \*VEW 300 kHz 0.30 dB  
 \*Att 30 dB  
 SWI 45 ms 35.71200000 MHz

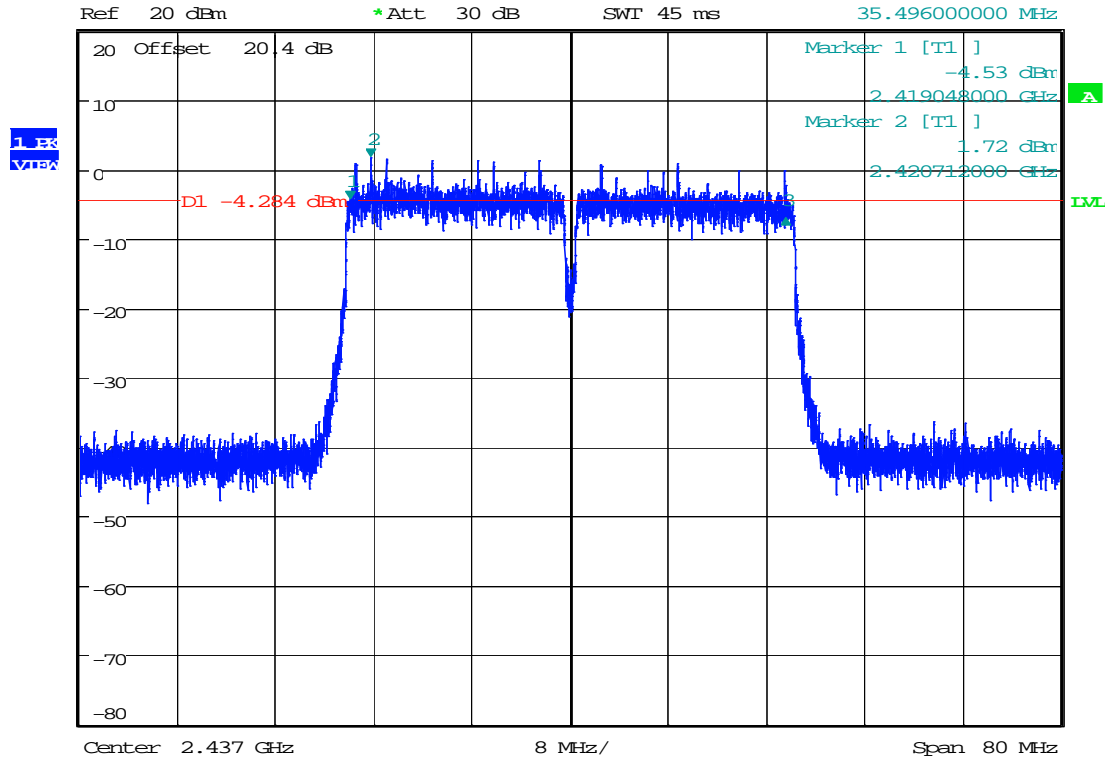


Date: 20.SEP.2018 17:07:38

6dB Bandwidth\_11N40SISO\_2437\_Ant1+2



\*REW 100 kHz Delta 3 [T1 ]  
 \*VEW 300 kHz -2.57 dB  
 \*Att 30 dB  
 SWI 45 ms 35.496000000 MHz



Date: 20.SEP.2018 10:36:47

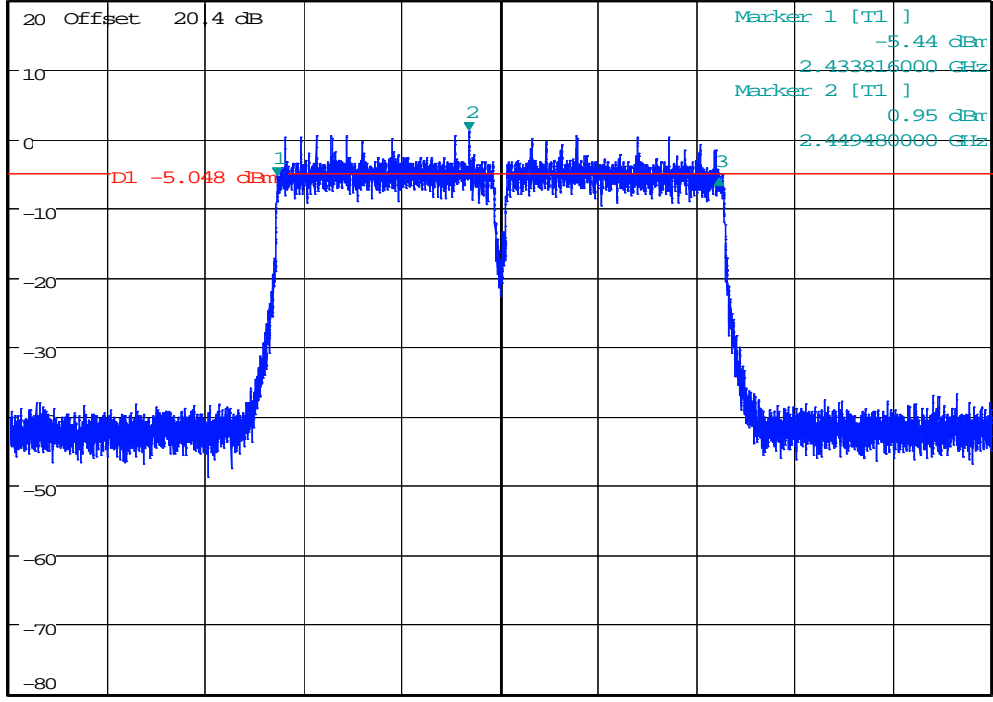
6dB Bandwidth\_11N40SISO\_2452\_Ant1+2



\*RBW 100 kHz Delta 3 [T1 ]  
\*VEW 300 kHz -0.46 dB  
SWT 45 ms 36.04800000 MHz

Ref 20 dBm \*Att 30 dB

1.33  
V12A



Center 2.452 GHz 8 MHz/ Span 80 MHz

Date: 20.SEP.2018 10:40:49