

Shenzhen General Testing & Inspection Technology Co.,Ltd

## **Appendix**

**IC: 24259-506586A1**

**FCC ID: 2AHVH586586A1**

### 3. Maximum conducted (average) output power

Test Mode	Test Channel	Ant	Power [dBm]	Limit [dBm]	Verdict
11B	2412	Ant1	17.16	30	PASS
11B	2437	Ant1	16.89	30	PASS
11B	2462	Ant1	17.11	30	PASS
11G	2412	Ant1	15.87	30	PASS
11G	2437	Ant1	15.46	30	PASS
11G	2462	Ant1	15.5	30	PASS
11N20SISO	2412	Ant1	14.61	30	PASS
11N20SISO	2437	Ant1	14.37	30	PASS
11N20SISO	2462	Ant1	14.3	30	PASS
11N40SISO	2422	Ant1	14.08	30	PASS
11N40SISO	2437	Ant1	13.35	30	PASS
11N40SISO	2452	Ant1	13.28	30	PASS
11B	2412	Ant2	17.38	30	PASS
11B	2437	Ant2	17.66	30	PASS
11B	2462	Ant2	17.27	30	PASS
11G	2412	Ant2	15.81	30	PASS
11G	2437	Ant2	15.29	30	PASS
11G	2462	Ant2	15.55	30	PASS
11N20SISO	2437	Ant2	14.47	30	PASS
11N20SISO	2462	Ant2	14.51	30	PASS
11N40SISO	2422	Ant2	13.56	30	PASS
11N40SISO	2437	Ant2	14.03	30	PASS
11N40SISO	2452	Ant2	13.07	30	PASS
11N20SISO	2412	Ant2	14.44	30	PASS
11N20SISO	2412	Ant1+2	16.11	30	PASS
11N20SISO	2437	Ant1+2	16.5	30	PASS
11N20SISO	2462	Ant1+2	16.09	30	PASS
11N40SISO	2422	Ant1+2	15.85	30	PASS
11N40SISO	2437	Ant1+2	15.99	30	PASS
11N40SISO	2452	Ant1+2	15.67	30	PASS

#### 4. Maximum(average) power spectral density

Note: PSD [dBm/3kHz]= PSD[dBm/30kHz]-10log(30/3)= PSD[dBm/30kHz]-10

Test Mode	Test Channel	Ant	PSD [dBm/30KHz]	PSD [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
11B	2412	Ant1	2.8	-7.2	8	PASS
11B	2437	Ant1	2.19	-7.81	8	PASS
11B	2462	Ant1	3.2	-6.8	8	PASS
11G	2412	Ant1	-0.3	-10.3	8	PASS
11G	2437	Ant1	-1.17	-11.17	8	PASS
11G	2462	Ant1	-0.86	-10.86	8	PASS
11N20SISO	2412	Ant1	-1.97	-11.97	8	PASS
11N20SISO	2437	Ant1	-1.77	-11.77	8	PASS
11N20SISO	2462	Ant1	-2.5	-12.5	8	PASS
11N40SISO	2422	Ant1	-5.56	-15.56	8	PASS
11N40SISO	2437	Ant1	-6	-16	8	PASS
11N40SISO	2452	Ant1	-6.08	-16.08	8	PASS
11B	2412	Ant2	3.69	-6.31	8	PASS
11B	2437	Ant2	2.71	-7.29	8	PASS
11B	2462	Ant2	2.41	-7.59	8	PASS
11G	2412	Ant2	0.08	-9.92	8	PASS
11G	2437	Ant2	-1	-11	8	PASS
11G	2462	Ant2	-0.32	-10.32	8	PASS
11N20SISO	2412	Ant2	-2.36	-12.36	8	PASS
11N20SISO	2437	Ant2	-1.84	-11.84	8	PASS
11N20SISO	2462	Ant2	-1.69	-11.69	8	PASS
11N40SISO	2422	Ant2	-6	-16	8	PASS
11N40SISO	2437	Ant2	-5.68	-15.68	8	PASS
11N40SISO	2452	Ant2	-6.82	-16.82	8	PASS
11N20SISO	2412	Ant1+2	-1.12	-11.12	8	PASS
11N20SISO	2437	Ant1+2	-0.32	-10.32	8	PASS
11N20SISO	2462	Ant1+2	-0.55	-10.55	8	PASS
11N40SISO	2422	Ant1+2	-3	-13	8	PASS
11N40SISO	2437	Ant1+2	-3.31	-13.31	8	PASS
11N40SISO	2452	Ant1+2	-3.77	-13.77	8	PASS

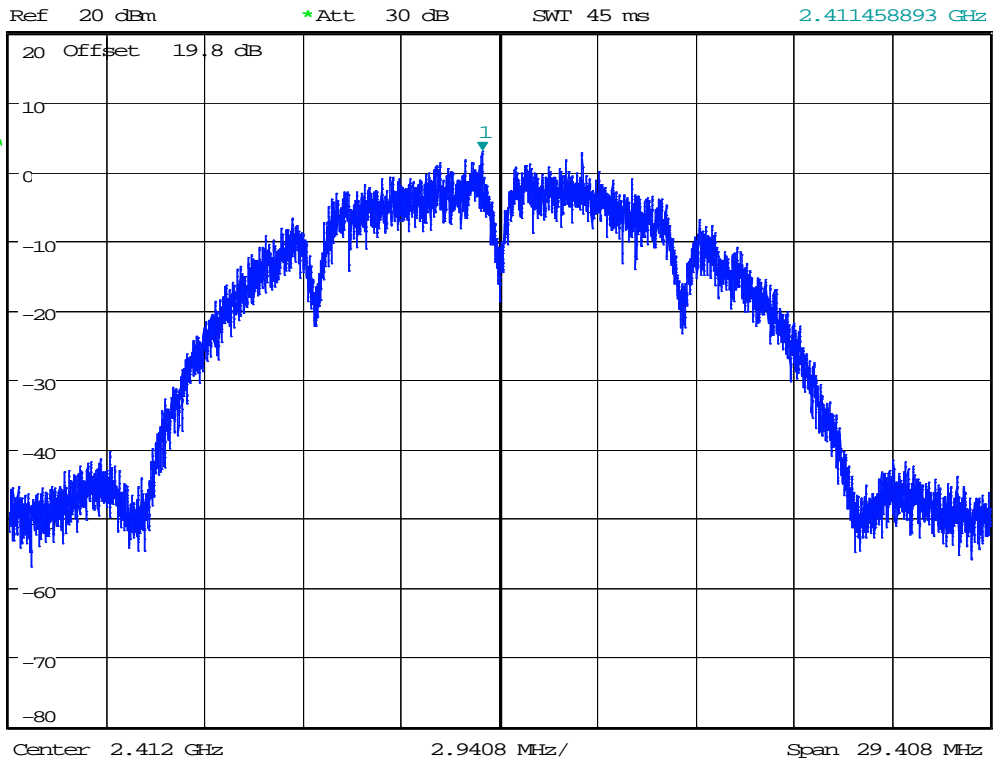


Maximum(average) power spectral density\_11B\_2412\_Ant1



\*RBW 30 kHz  
\*VBW 100 kHz  
SWT 45 ms

Marker 1 [T1 ]  
2.80 dB  
2.411458893 GHz



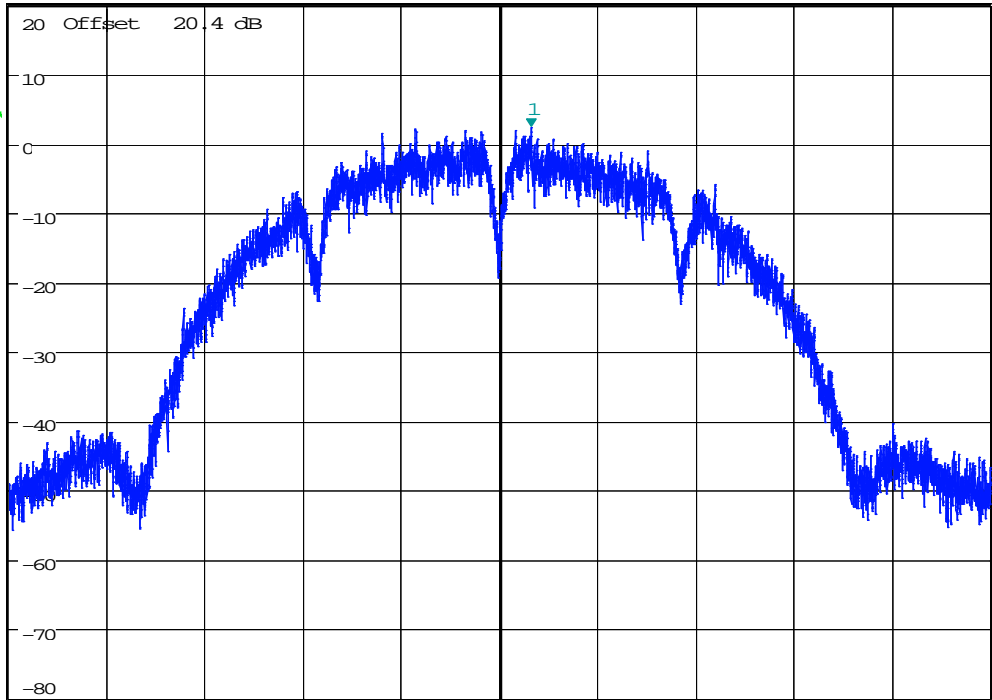
Date: 19.SEP.2018 17:36:33

Maximum(average) power spectral density\_11B\_2437\_Ant1



Ref 20 dBm      \*Att 30 dB      \*RBW 30 kHz      Marker 1 [T1 ]  
\*VBW 100 kHz      2.19 dBm  
SWT 45 ms      2.437962874 GHz

1.FW  
VIEW



Center 2.437 GHz      2.9536 MHz/      Span 29.536 MHz

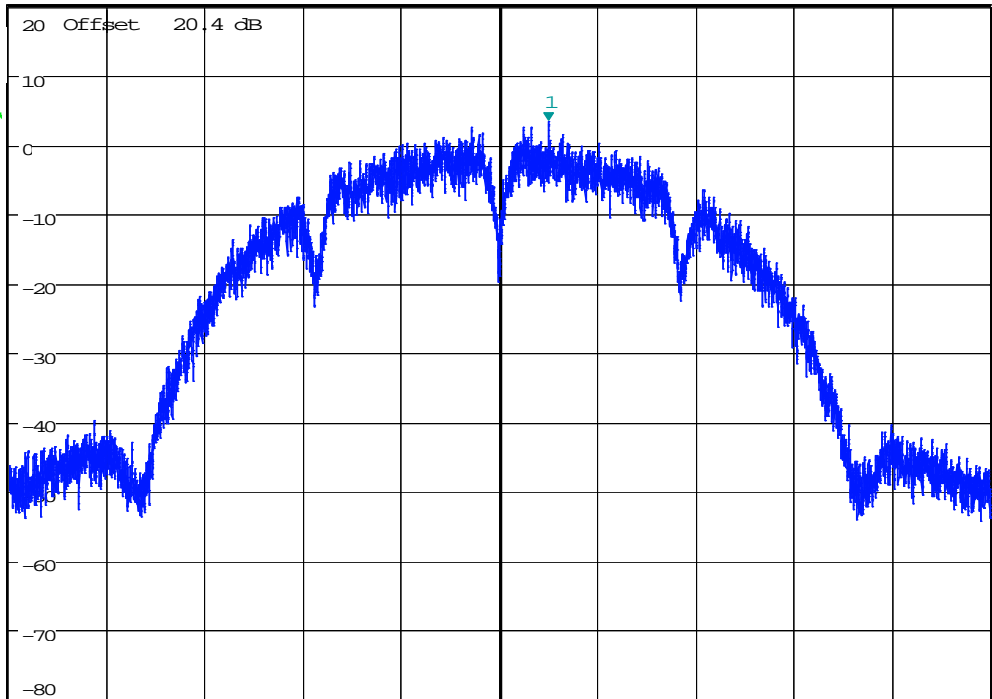
Date: 19.SEP.2018 17:42:35

### Maximum(average) power spectral density\_11B\_2462\_Ant1



Ref 20 dBm      \*Att 30 dB      \*RBW 30 kHz      Marker 1 [T1 ]  
\*VBW 100 kHz      3.20 dBm  
SWT 45 ms      2.463477750 GHz

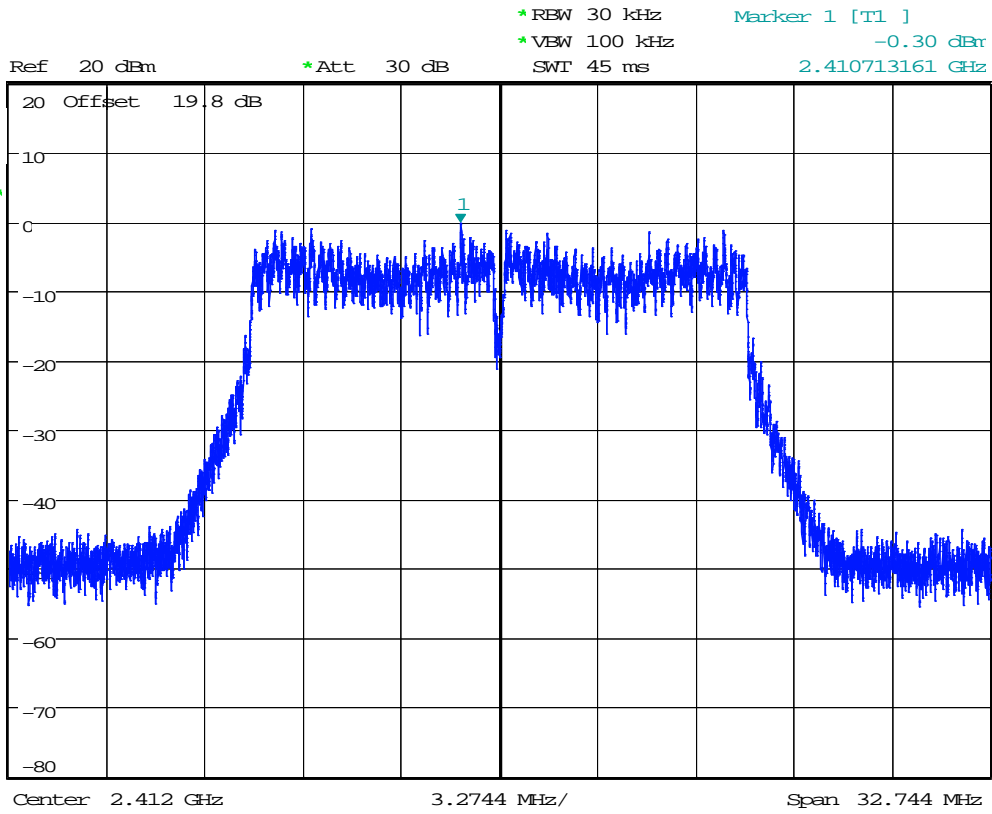
1.FW  
VIEW



Center 2.462 GHz      2.9496 MHz/      Span 29.496 MHz

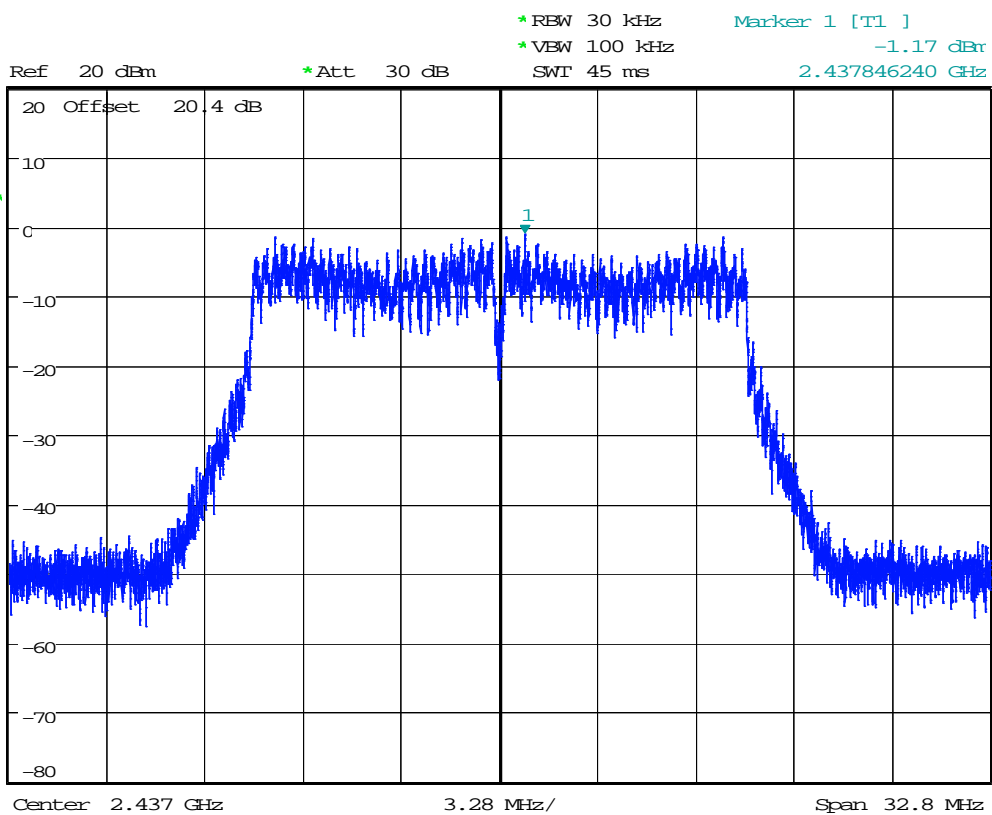
Date: 19.SEP.2018 17:46:49

### Maximum(average) power spectral density\_11G\_2412\_Ant1



Date: 19.SEP.2018 17:51:54

Maximum(average) power spectral density\_11G\_2437\_Ant1

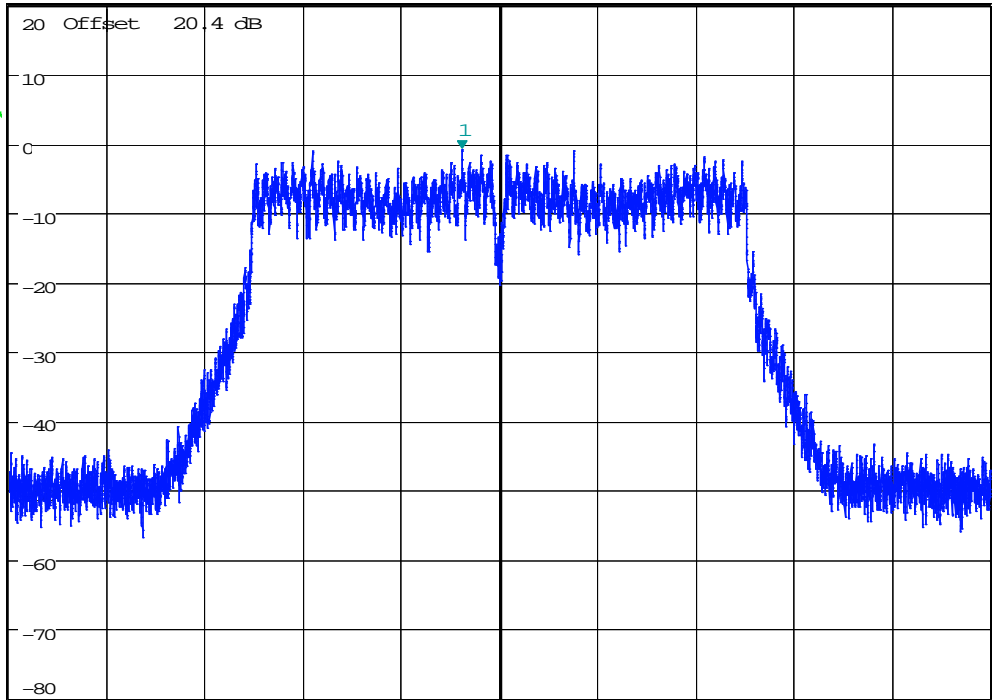


Date: 19.SEP.2018 17:57:38

Maximum(average) power spectral density\_11G\_2462\_Ant1



Ref 20 dBm \*Att 30 dB \*RBW 30 kHz \*VSW 100 kHz Marker 1 [T1 ]  
-0.86 dBm  
SWT 45 ms 2.460727360 GHz



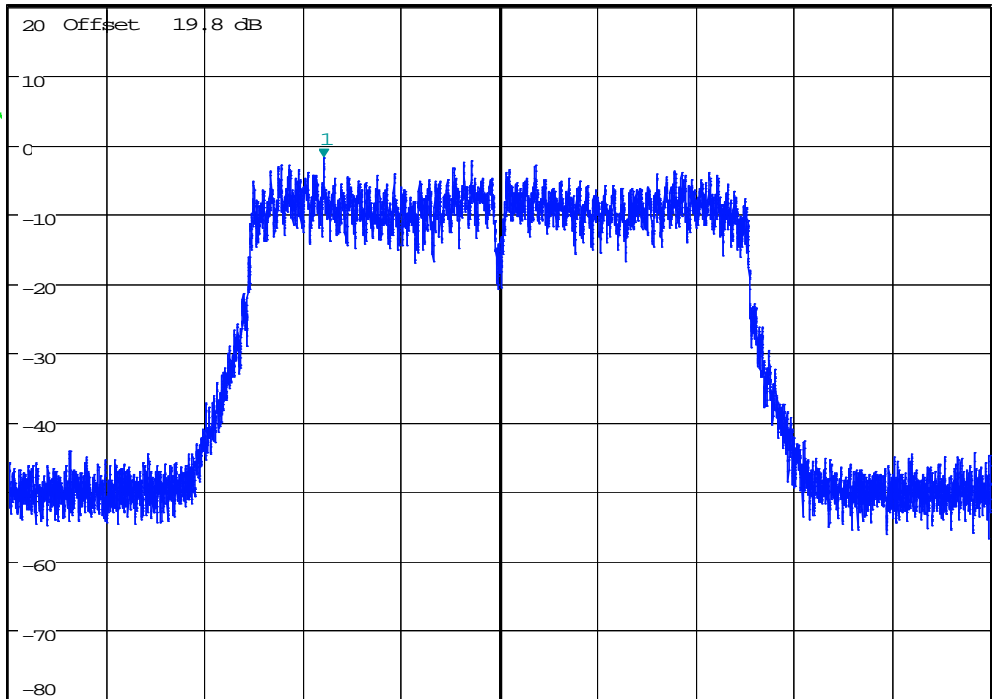
Center 2.462 GHz 3.28 MHz/ Span 32.8 MHz

Date: 19.SEP.2018 18:01:54

### Maximum(average) power spectral density\_11N20SISO\_2412\_Ant1



Ref 20 dBm \*Att 30 dB \*RBW 30 kHz \*VSW 100 kHz Marker 1 [T1 ]  
-1.97 dBm  
SWT 45 ms 2.405717688 GHz



Center 2.412 GHz 3.496 MHz/ Span 34.96 MHz

Date: 19.SEP.2018 18:08:08

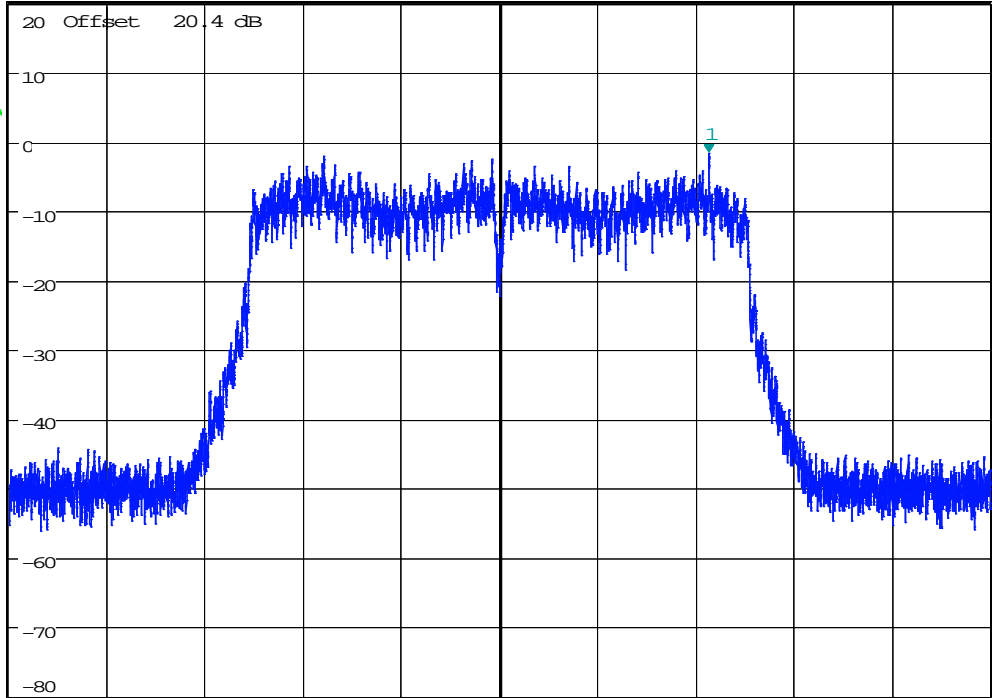
### Maximum(average) power spectral density\_11N20SISO\_2437\_Ant1





Ref 20 dBm      \*Att 30 dB      \*RBW 30 kHz      Marker 1 [T1]      -1.77 dBm  
\*VBW 100 kHz      SWT 45 ms      2.444458500 GHz

1 RBW  
VIEW



Center 2.437 GHz      3.5 MHz/      Span 35 MHz

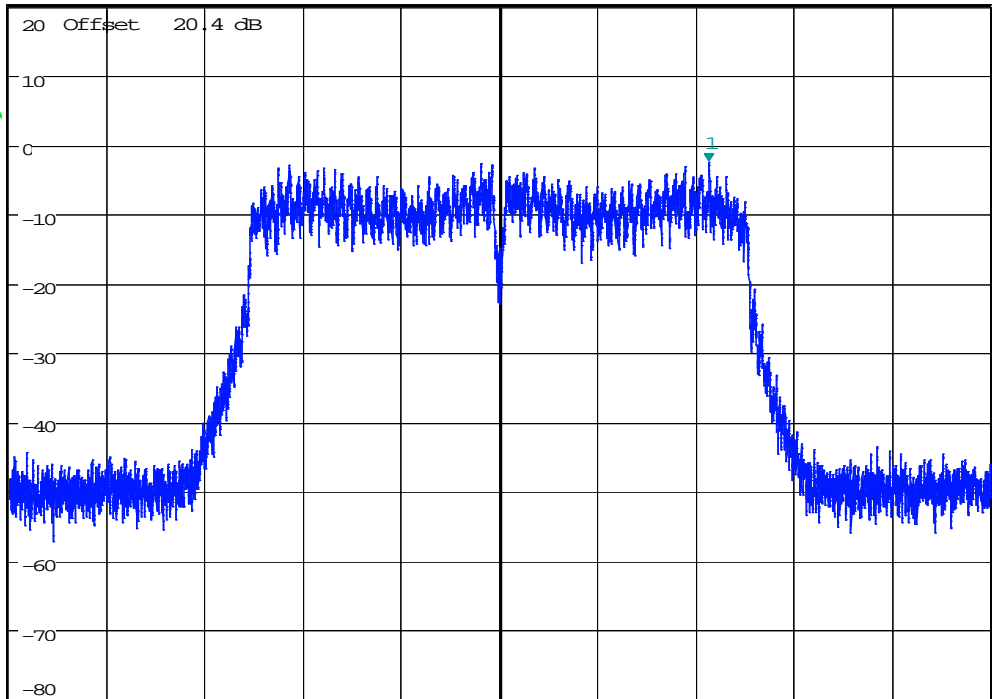
Date: 19.SEP.2018 18:12:34

### Maximum(average) power spectral density\_11N20SISO\_2462\_Ant1



Ref 20 dBm      \*Att 30 dB      \*RBW 30 kHz      Marker 1 [T1]      -2.50 dBm  
\*VBW 100 kHz      SWT 45 ms      2.469476000 GHz

1 RBW  
VIEW



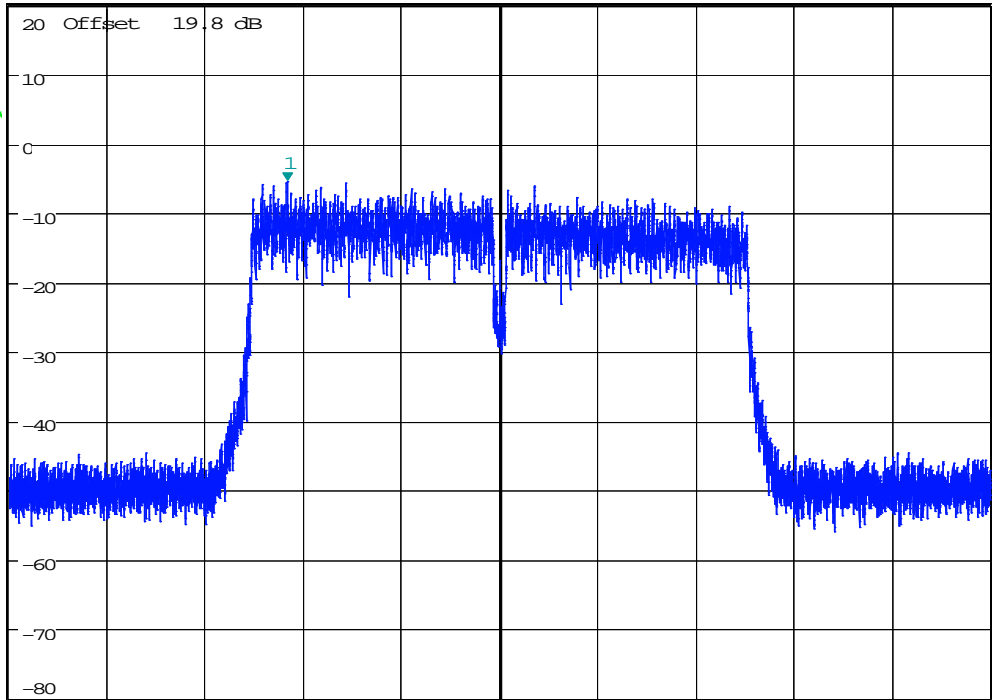
Center 2.462 GHz      3.5 MHz/      Span 35 MHz

Date: 19.SEP.2018 18:16:35

### Maximum(average) power spectral density\_11N40SISO\_2422\_Ant1



Ref 20 dBm \*Att 30 dB \*RBW 30 kHz \*VSW 100 kHz Marker 1 [T1 ]  
-5.56 dBm  
SWT 85 ms 2.406351432 GHz

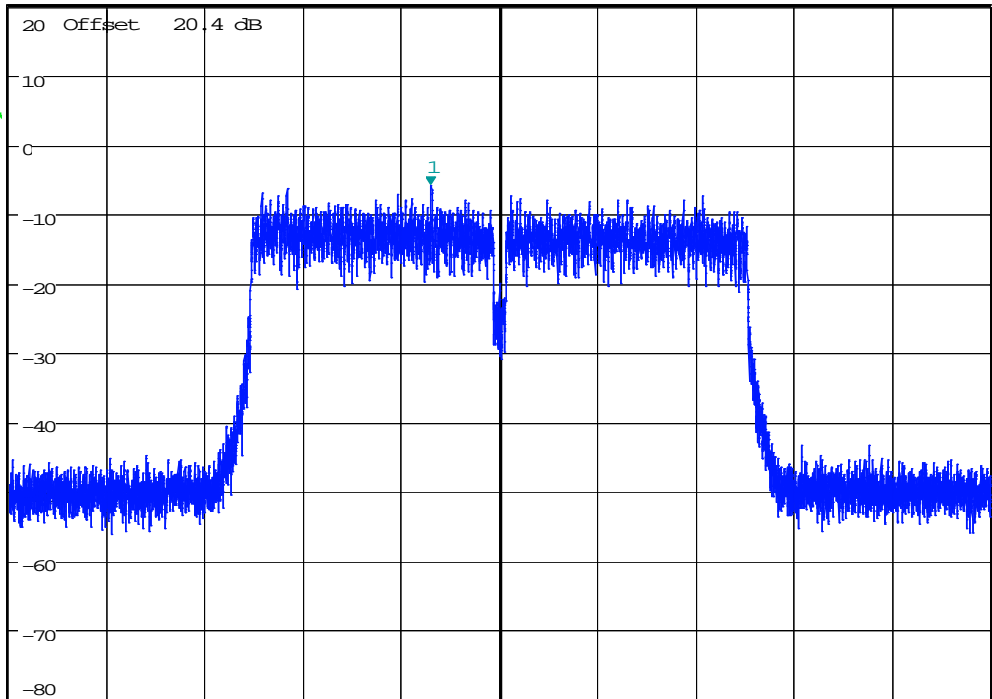


Date: 19.SEP.2018 18:22:52

### Maximum(average) power spectral density\_11N40SISO\_2437\_Ant1



Ref 20 dBm \*Att 30 dB \*RBW 30 kHz \*VSW 100 kHz Marker 1 [T1 ]  
-6.00 dBm  
SWT 85 ms 2.431966582 GHz



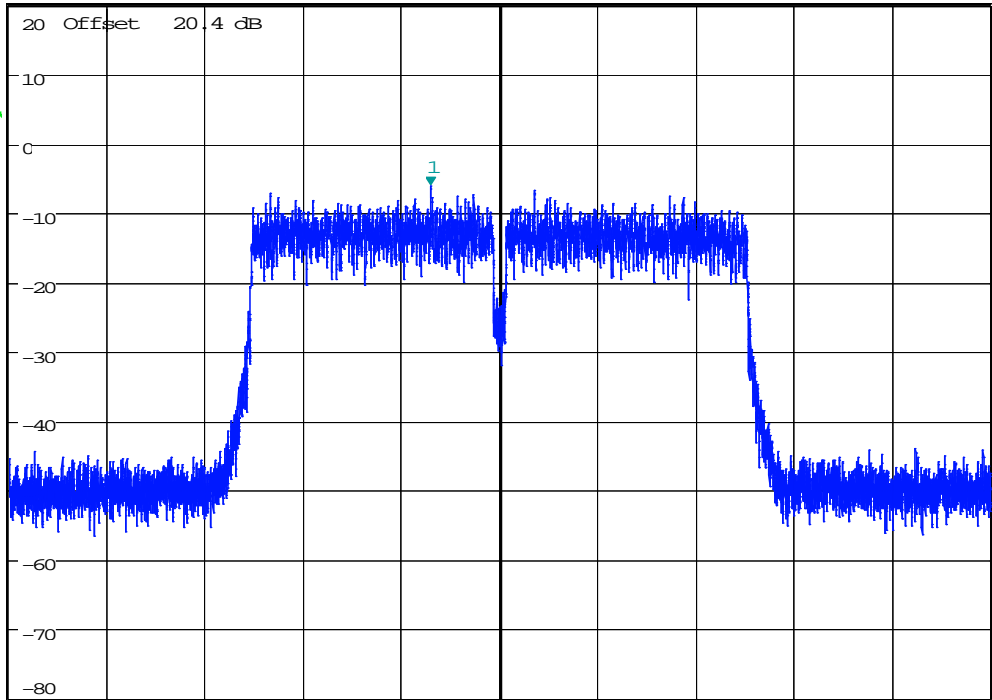
Date: 19.SEP.2018 18:28:17

### Maximum(average) power spectral density\_11N40SISO\_2452\_Ant1



Ref 20 dBm \*Att 30 dB \*RBW 30 kHz \*VSW 100 kHz Marker 1 [T1 ]  
-6.08 dBm  
SWT 85 ms 2.446949920 GHz

1.FM  
VIEW



Center 2.452 GHz 7.2144 MHz/ Span 72.144 MHz

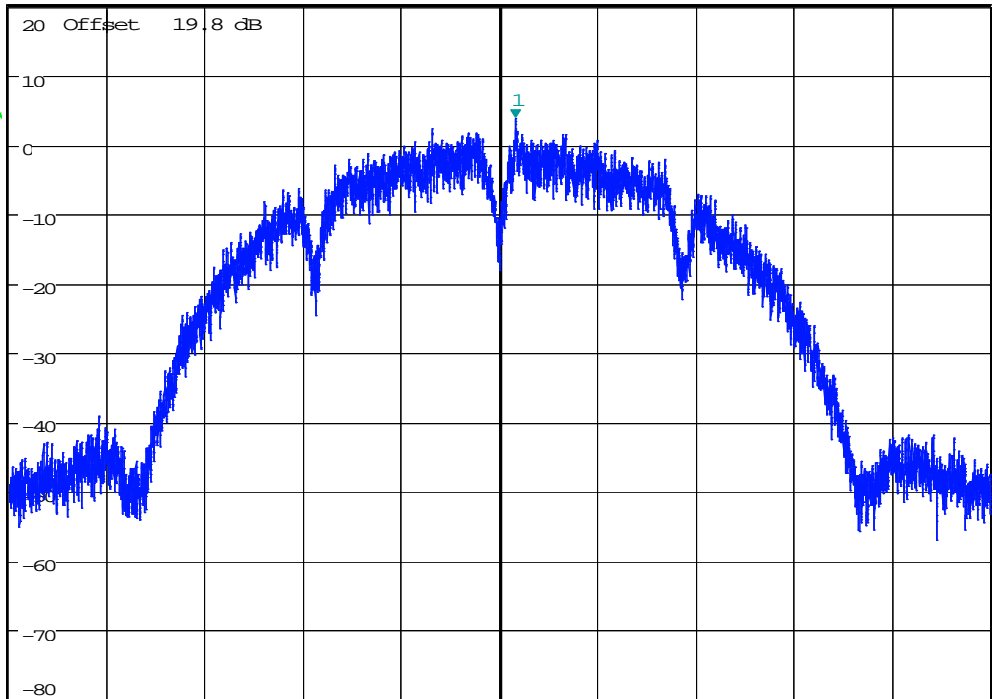
Date: 19.SEP.2018 18:32:56

### Maximum(average) power spectral density\_11B\_2412\_Ant2



Ref 20 dBm \*Att 30 dB \*RBW 30 kHz \*VSW 100 kHz Marker 1 [T1 ]  
3.69 dBm  
SWT 45 ms 2.412461580 GHz

1.FM  
VIEW



Center 2.412 GHz 2.94 MHz/ Span 29.4 MHz

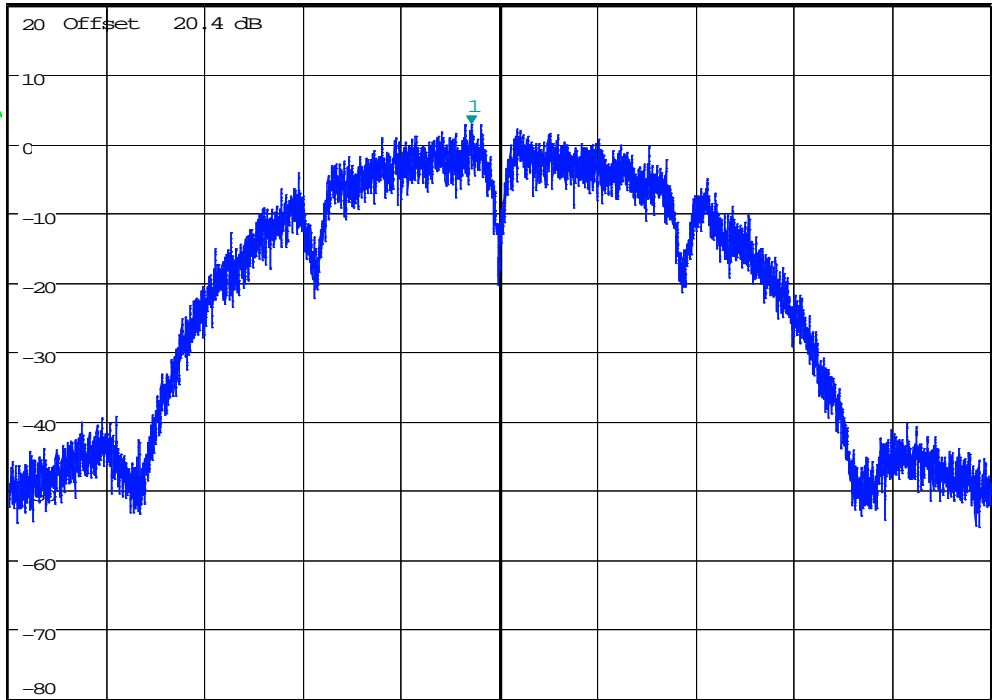
Date: 19.SEP.2018 18:39:56

### Maximum(average) power spectral density\_11B\_2437\_Ant2



Ref 20 dBm \*Att 30 dB \*RBW 30 kHz \*VBW 100 kHz SWT 45 ms Marker 1 [T1 ] 2.71 dBm 2.436165494 GHz

1.FM  
VIEW



Center 2.437 GHz 2.9384 MHz/ Span 29.384 MHz

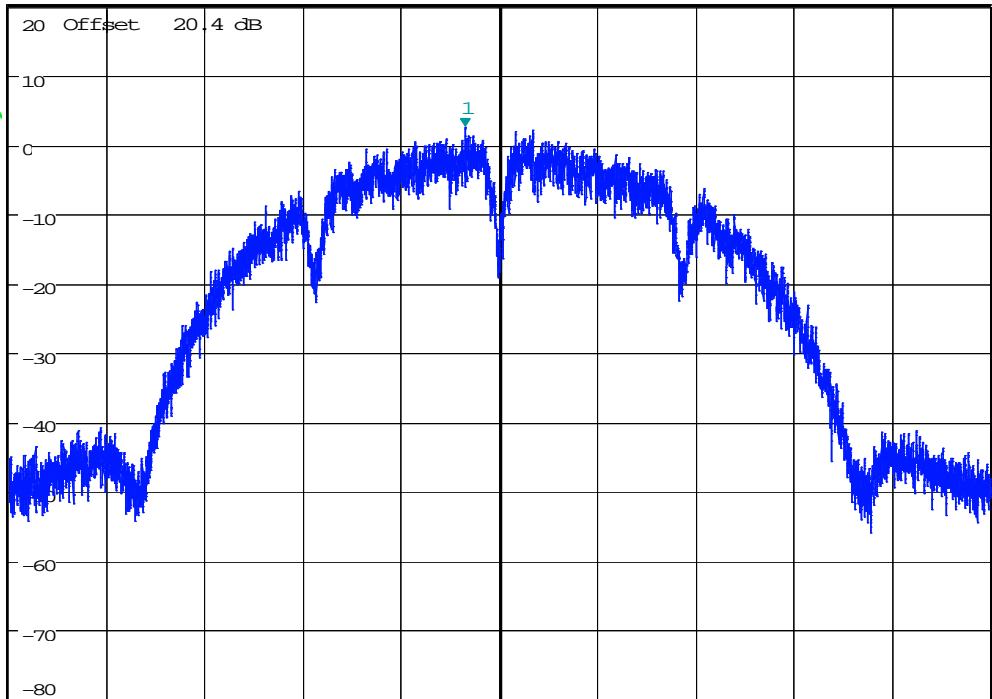
Date: 19.SEP.2018 18:48:47

### Maximum(average) power spectral density\_11B\_2462\_Ant2



Ref 20 dBm \*Att 30 dB \*RBW 30 kHz \*VBW 100 kHz SWT 45 ms Marker 1 [T1 ] 2.41 dBm 2.460978432 GHz

1.FM  
VIEW



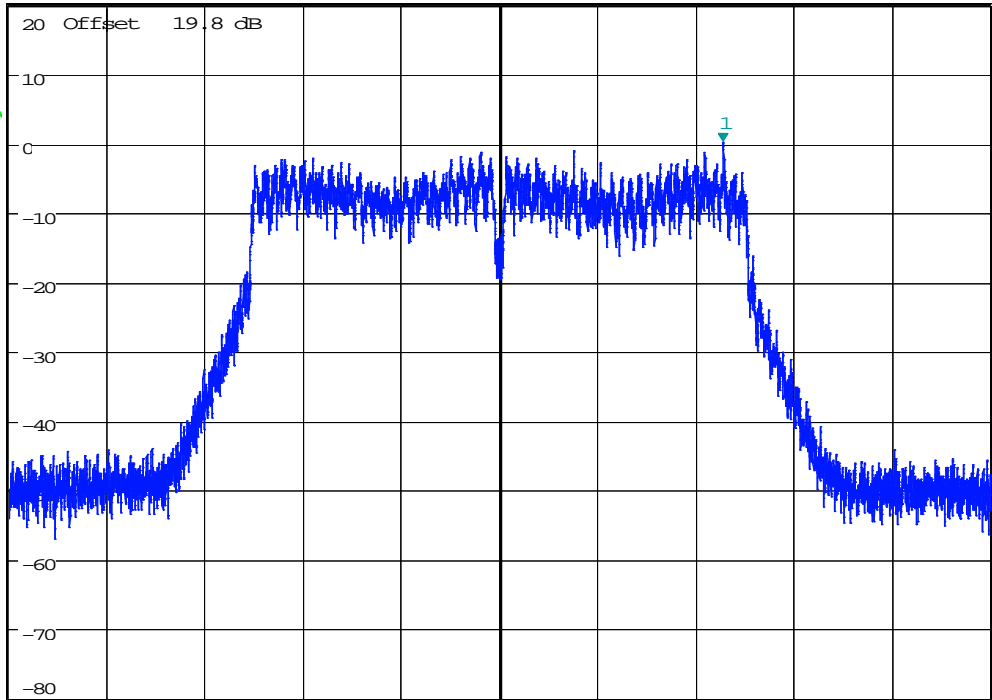
Center 2.462 GHz 2.944 MHz/ Span 29.44 MHz

Date: 19.SEP.2018 18:54:00

### Maximum(average) power spectral density\_11G\_2412\_Ant2



Ref 20 dBm \*Att 30 dB \*RBW 30 kHz \*VSW 100 kHz Marker 1 [T1 ]  
SWT 45 ms 0.08 dBm  
2.419468906 GHz

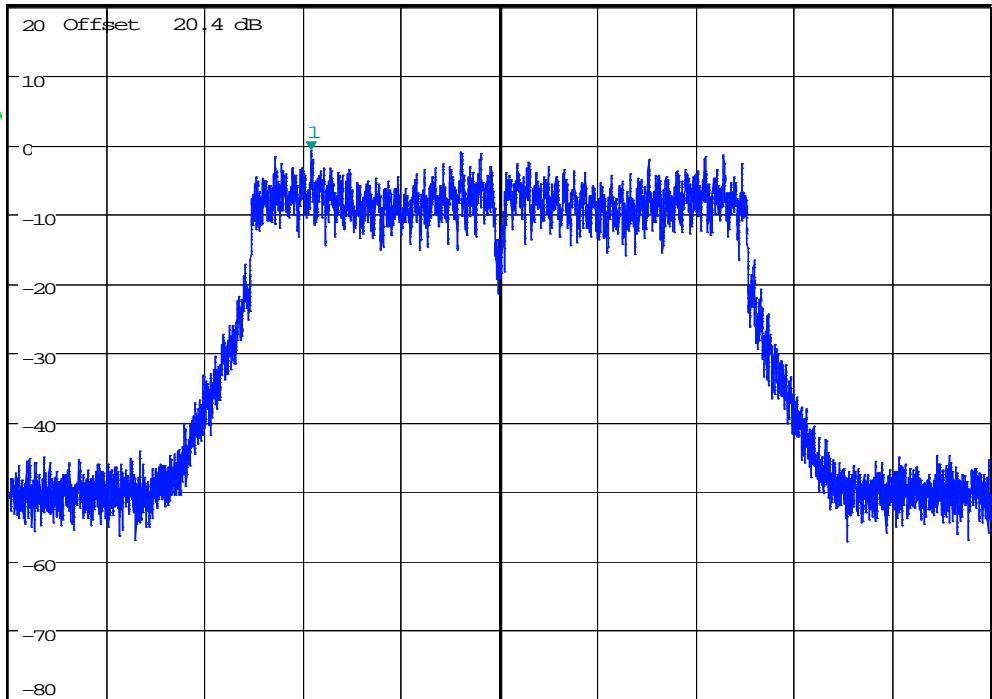


Date: 19.SEP.2018 18:59:12

### Maximum(average) power spectral density\_11G\_2437\_Ant2



Ref 20 dBm \*Att 30 dB \*RBW 30 kHz \*VSW 100 kHz Marker 1 [T1 ]  
SWT 45 ms -1.00 dBm  
2.430714891 GHz

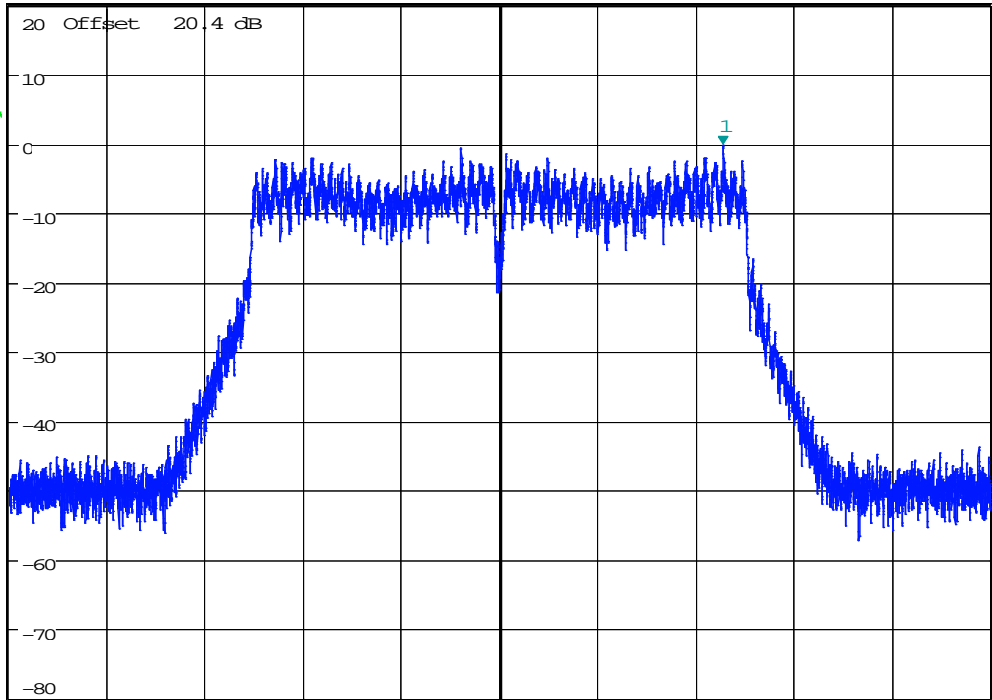


Date: 19.SEP.2018 19:03:44

### Maximum(average) power spectral density\_11G\_2462\_Ant2



Ref 20 dBm \*Att 30 dB \*RBW 30 kHz \*VSW 100 kHz Marker 1 [T1 ]  
-0.32 dBm  
SWT 45 ms 2.469472556 GHz



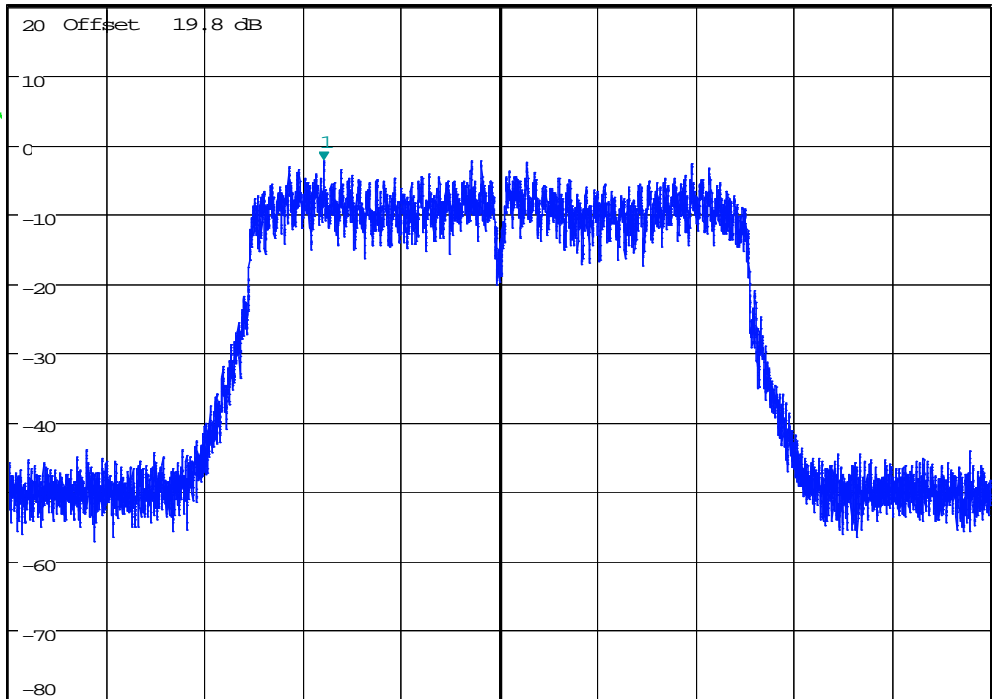
Center 2.462 GHz 3.276 MHz/ Span 32.76 MHz

Date: 19.SEP.2018 19:08:20

### Maximum(average) power spectral density\_11N20SISO\_2412\_Ant2



Ref 20 dBm \*Att 30 dB \*RBW 30 kHz \*VSW 100 kHz Marker 1 [T1 ]  
-2.36 dBm  
SWT 45 ms 2.405723870 GHz



Center 2.412 GHz 3.4984 MHz/ Span 34.984 MHz

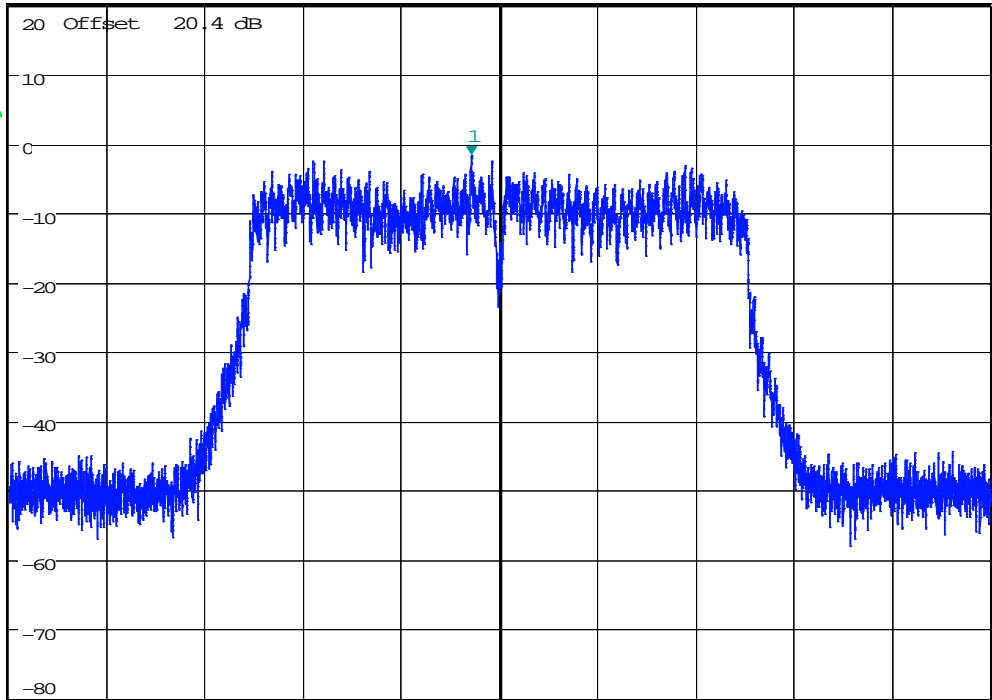
Date: 19.SEP.2018 19:16:01

### Maximum(average) power spectral density\_11N20SISO\_2437\_Ant2



Ref 20 dBm \*Att 30 dB \*RBW 30 kHz \*VSW 100 kHz Marker 1 [T1 ]  
-1.84 dBm  
SWT 45 ms 2.435977299 GHz

1.FM  
VIEW



Center 2.437 GHz 3.5024 MHz/ Span 35.024 MHz

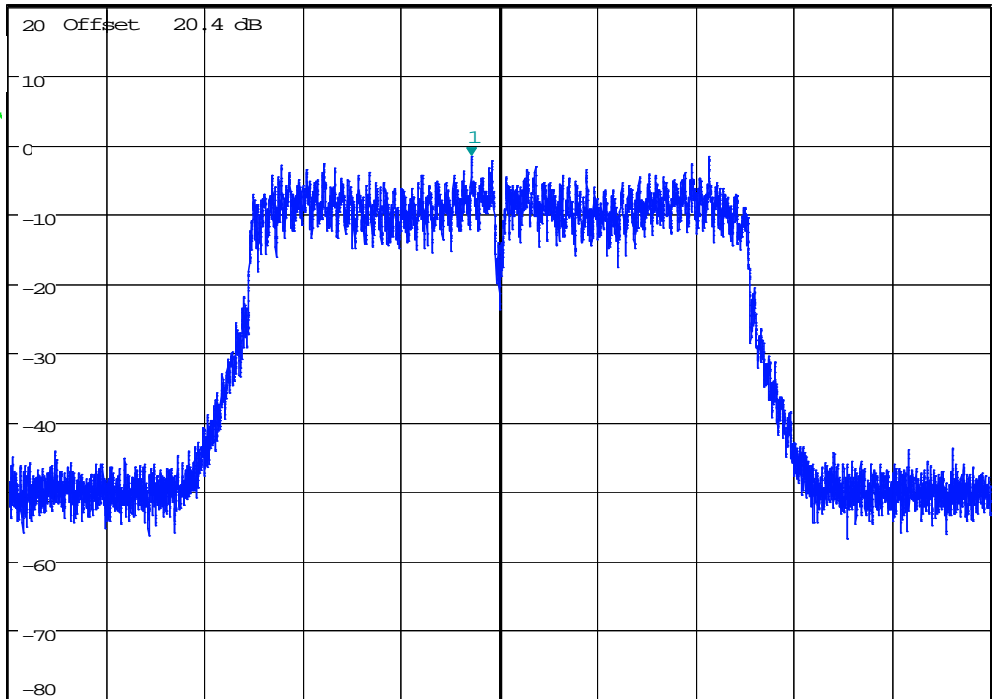
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### Maximum(average) power spectral density\_11N20SISO\_2462\_Ant2



Ref 20 dBm \*Att 30 dB \*RBW 30 kHz \*VSW 100 kHz Marker 1 [T1 ]  
-1.69 dBm  
SWT 45 ms 2.460974500 GHz

1.FM  
VIEW



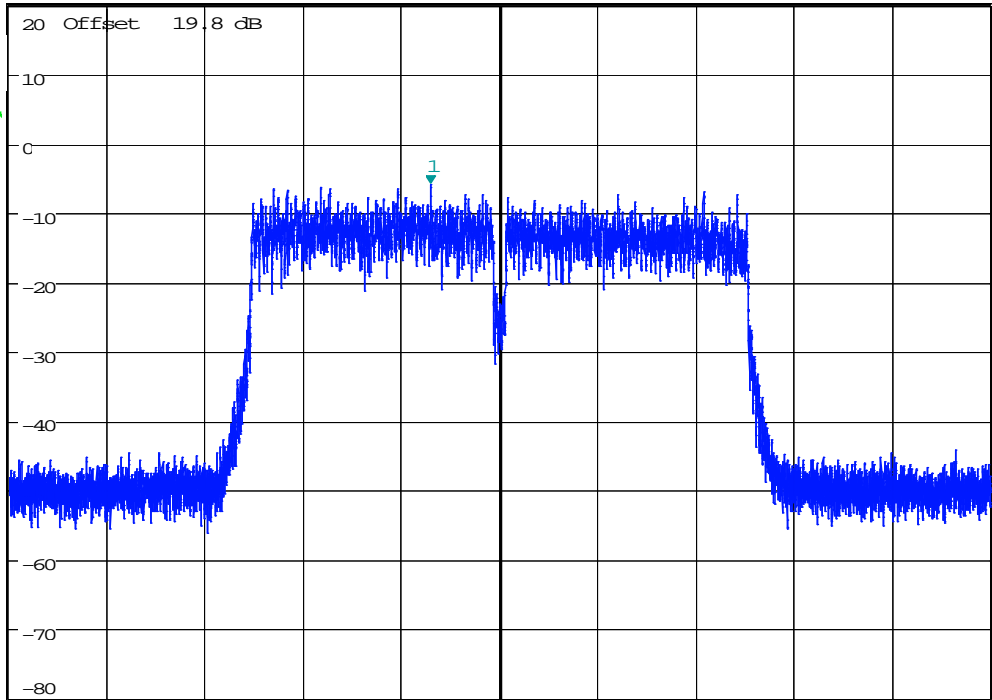
Center 2.462 GHz 3.5 MHz/ Span 35 MHz

Date: 19.SEP.2018 19:24:53

### Maximum(average) power spectral density\_11N40SISO\_2422\_Ant2



Ref 20 dBm \*Att 30 dB \*RBW 30 kHz \*VSW 100 kHz Marker 1 [T1 ]  
-6.00 dBm  
SWT 85 ms 2.416953280 GHz

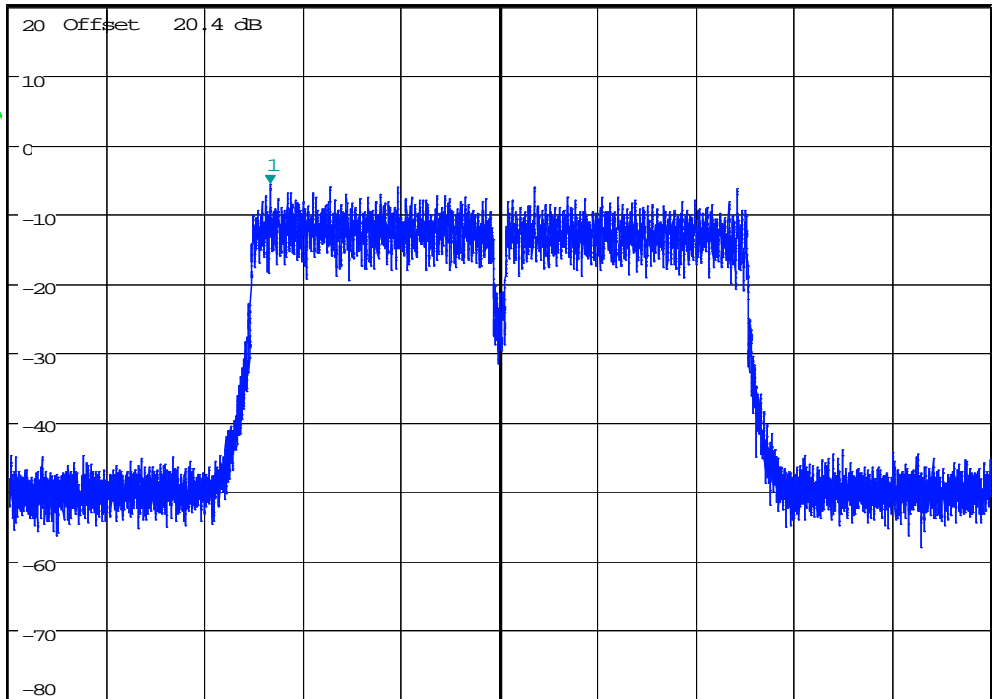


Date: 20.SEP.2018 09:53:49

### Maximum(average) power spectral density\_11N40SISO\_2437\_Ant2



Ref 20 dBm \*Att 30 dB \*RBW 30 kHz \*VSW 100 kHz Marker 1 [T1 ]  
-5.68 dBm  
SWT 85 ms 2.420088886 GHz



Date: 20.SEP.2018 09:58:33

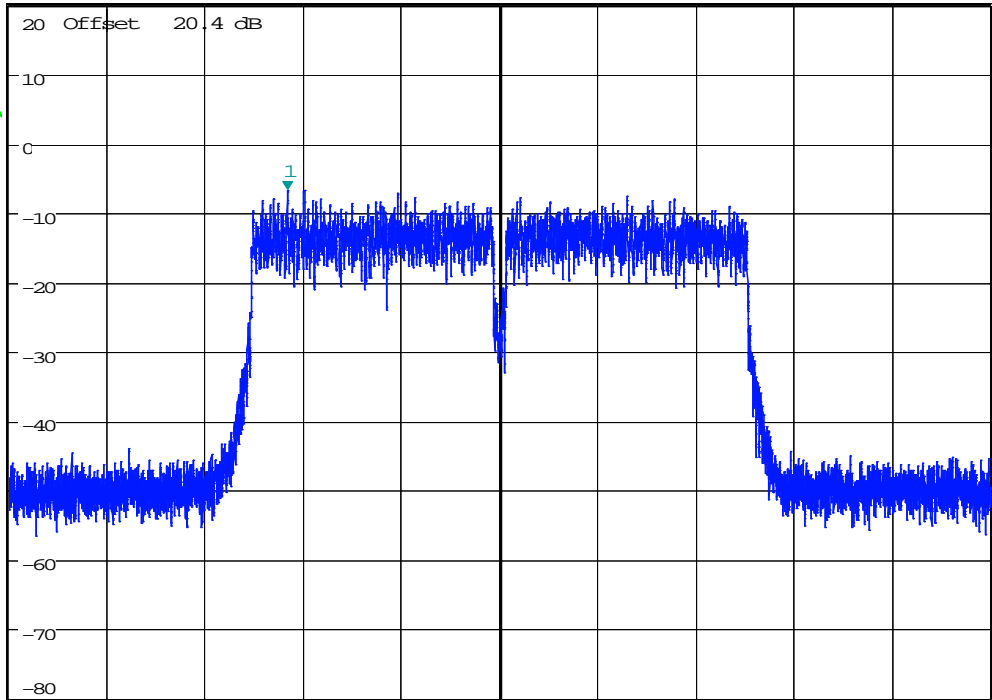
### Maximum(average) power spectral density\_11N40SISO\_2452\_Ant2





Ref 20 dBm \*Att 30 dB \*RBW 30 kHz \*VSW 100 kHz Marker 1 [T1 ]  
-6.82 dBm  
SWT 85 ms 2.436351966 GHz

1.FM  
VIEW



Center 2.452 GHz 7.2144 MHz/ Span 72.144 MHz

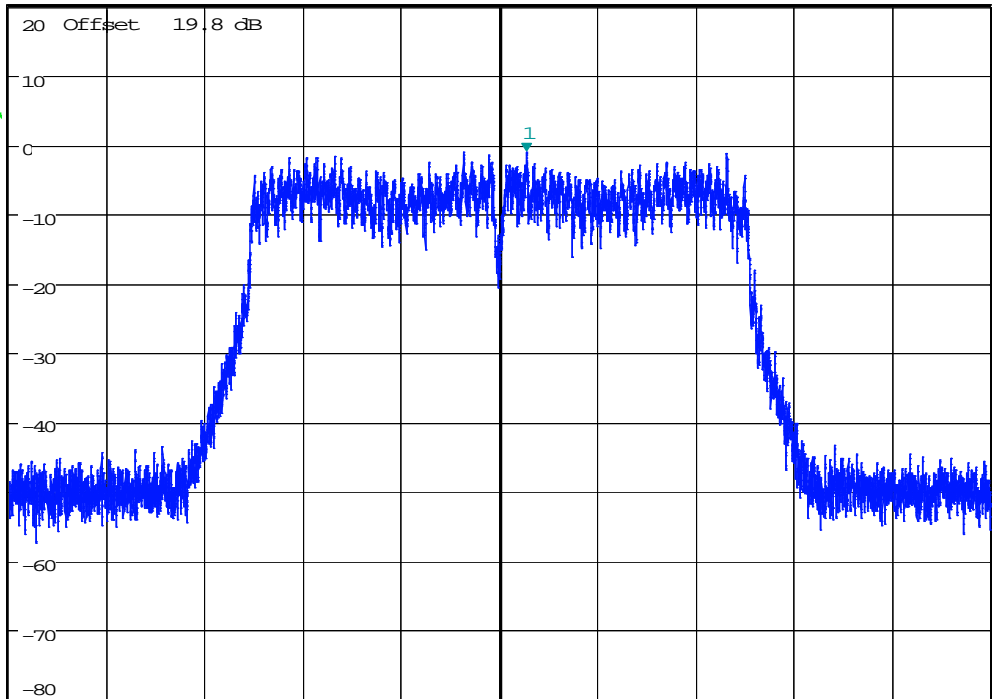
Date: 20.SEP.2018 10:02:46

### Maximum(average) power spectral density\_11N20SISO\_2412\_Ant1+2



Ref 20 dBm \*Att 30 dB \*RBW 30 kHz \*VSW 100 kHz Marker 1 [T1 ]  
-1.12 dBm  
SWT 45 ms 2.412972555 GHz

1.FM  
VIEW



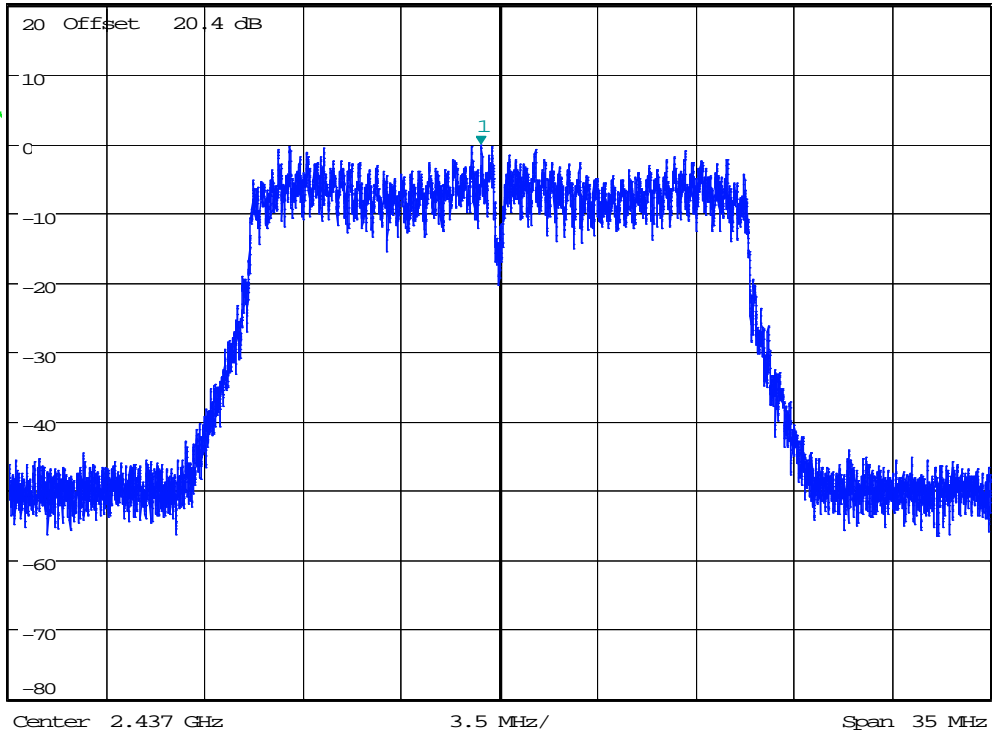
Center 2.412 GHz 3.4984 MHz/ Span 34.984 MHz

Date: 20.SEP.2018 10:15:45

### Maximum(average) power spectral density\_11N20SISO\_2437\_Ant1+2



Ref 20 dBm \*Att 30 dB \*RBW 30 kHz \*VSW 100 kHz Marker 1 [T1 ]  
SWT 45 ms -0.32 dBm  
2.436349000 GHz

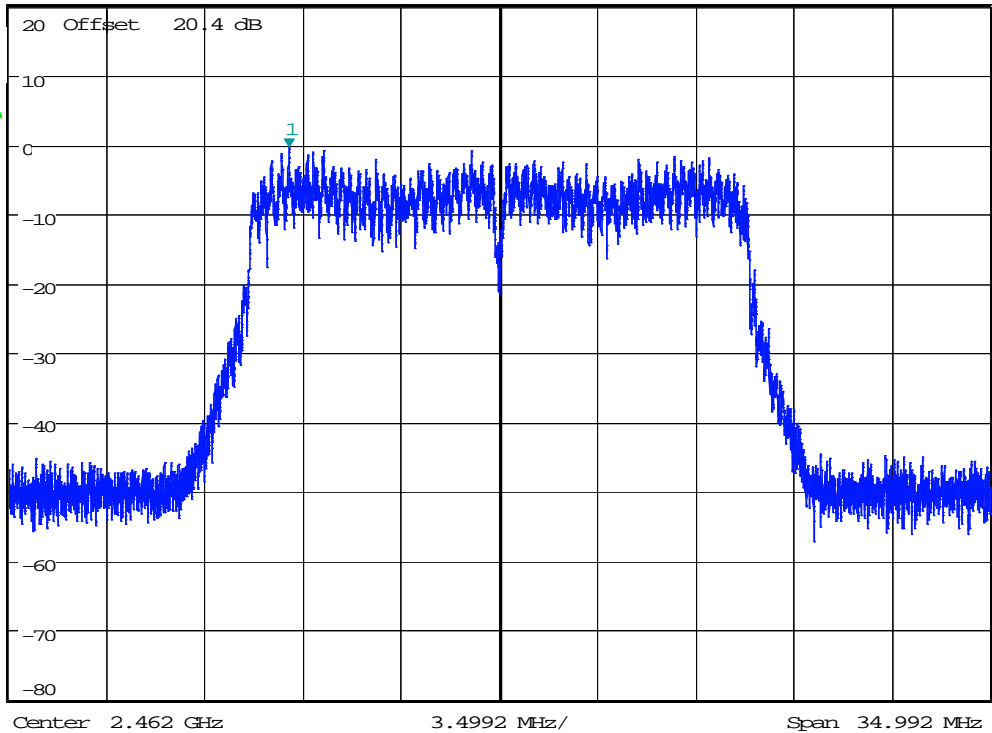


Date: 20.SEP.2018 10:23:28

Maximum(average) power spectral density\_11N20SISO\_2462\_Ant1+2



Ref 20 dBm \*Att 30 dB \*RBW 30 kHz \*VSW 100 kHz Marker 1 [T1 ]  
SWT 45 ms -0.55 dBm  
2.454473221 GHz

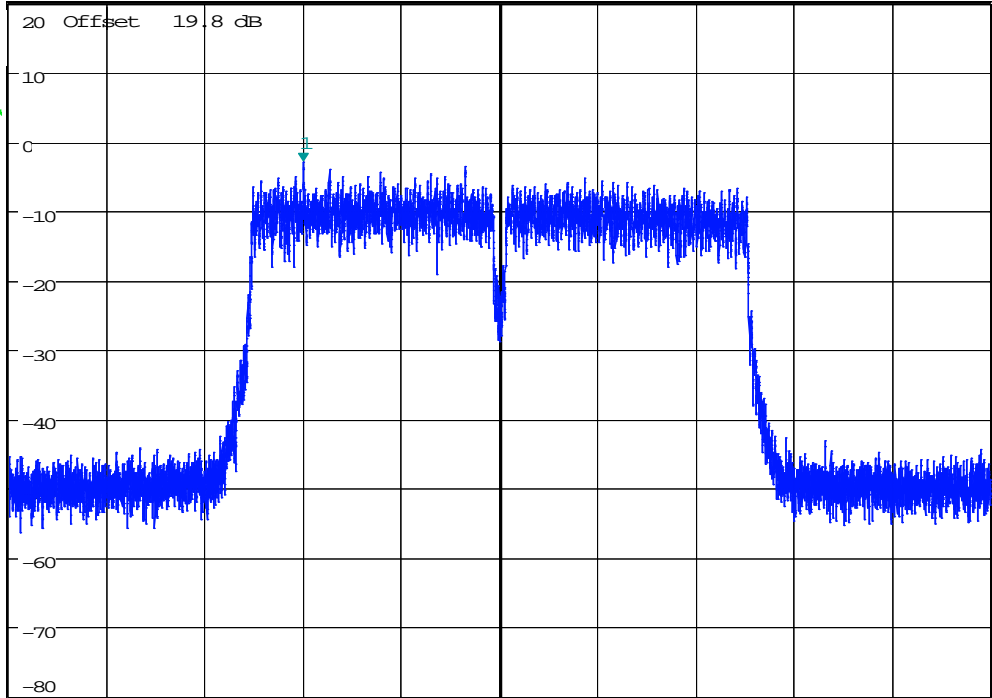


Date: 20.SEP.2018 10:27:31

Maximum(average) power spectral density\_11N40SISO\_2422\_Ant1+2



Ref 20 dBm \*Att 30 dB \*RBW 30 kHz \*VSW 100 kHz Marker 1 [T1 ]  
-3.00 dBm  
SWT 85 ms 2.407594406 GHz

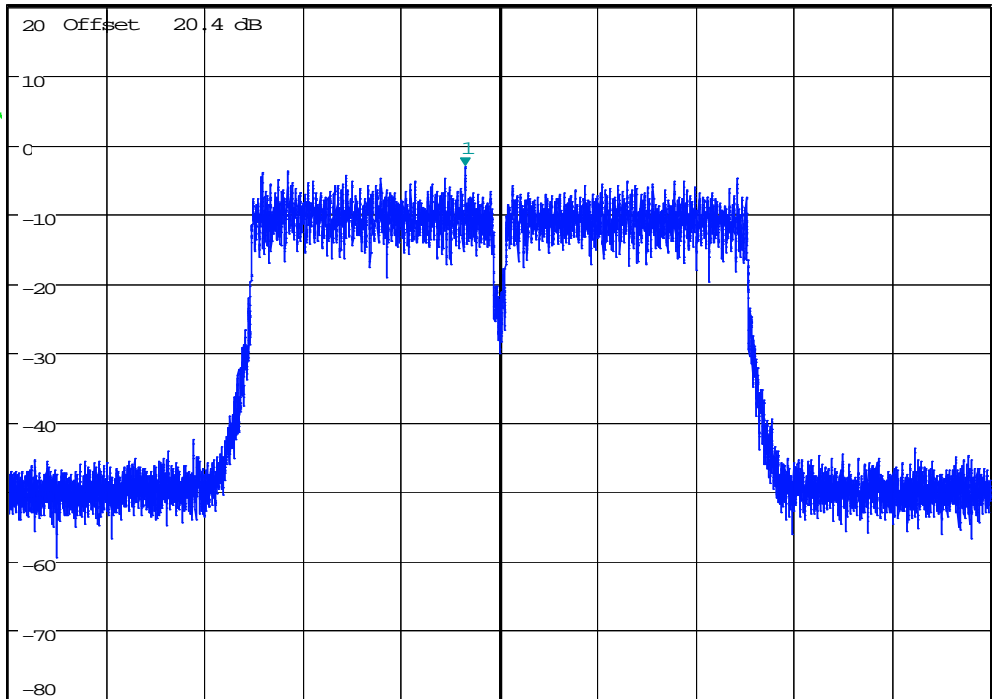


Date: 20.SEP.2018 10:34:08

Maximum(average) power spectral density\_11N40SISO\_2437\_Ant1+2



Ref 20 dBm \*Att 30 dB \*RBW 30 kHz \*VSW 100 kHz Marker 1 [T1 ]  
-3.31 dBm  
SWT 85 ms 2.434467746 GHz



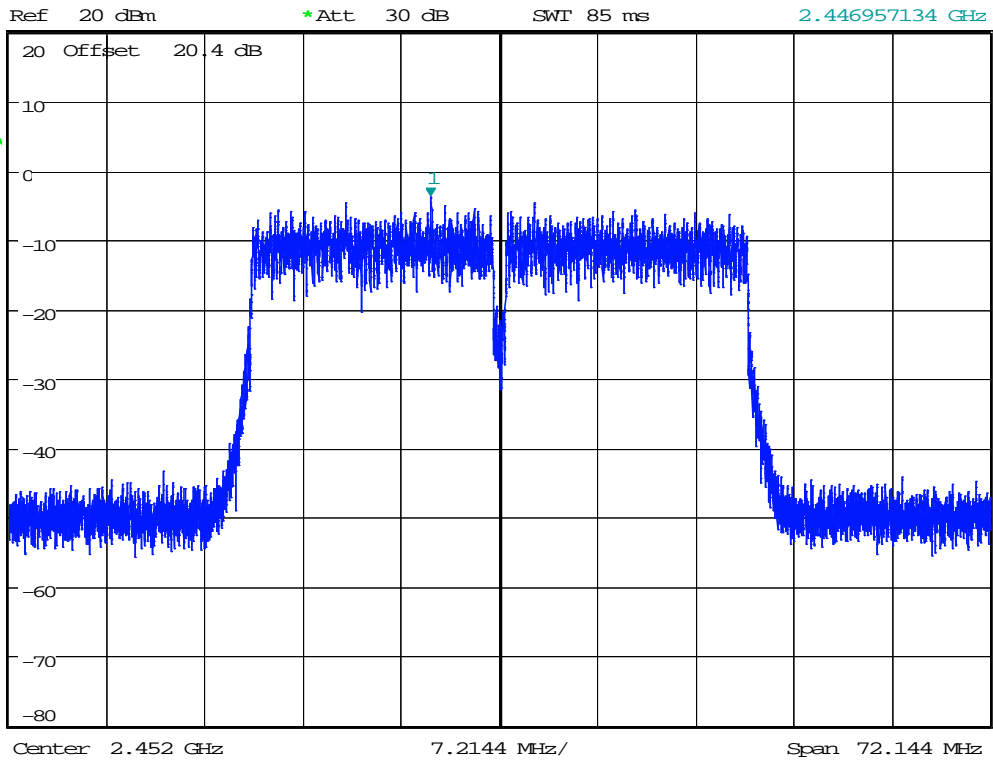
Date: 20.SEP.2018 10:38:29

Maximum(average) power spectral density\_11N40SISO\_2452\_Ant1+2



\*RBW 30 kHz  
\*VBW 100 kHz  
SWT 85 ms

Marker 1 [T1 ]  
-3.77 dBm  
2.446957134 GHz



Date: 20.SEP.2018 10:42:31