

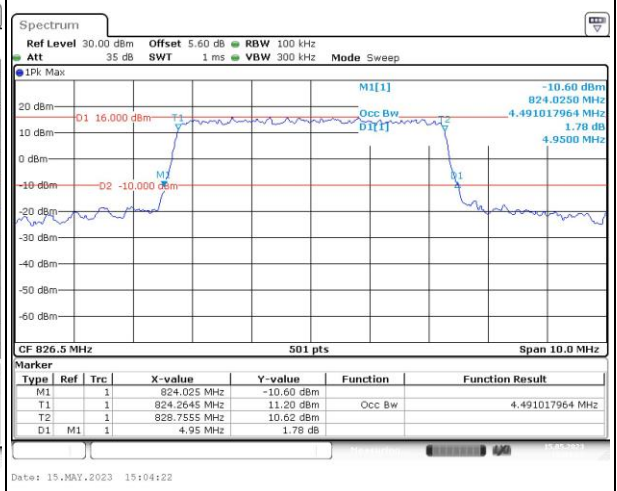
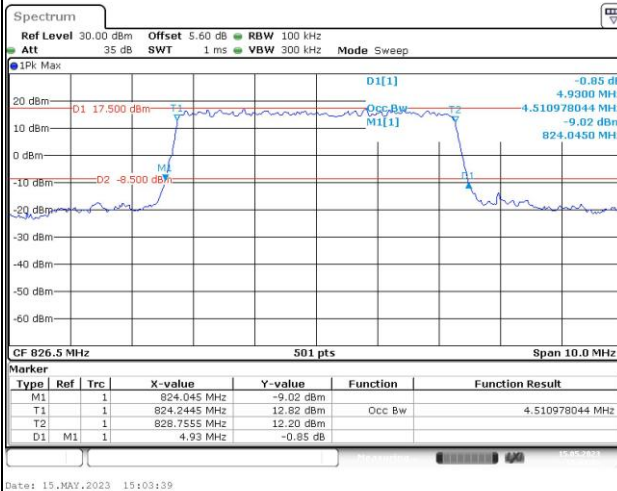
Occupied Bandwidth

Channel

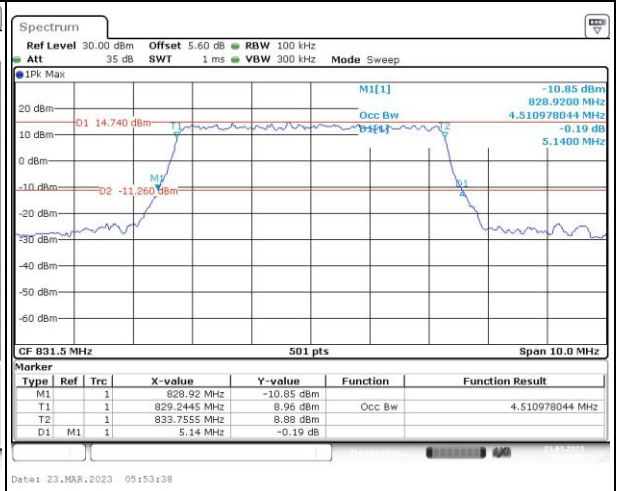
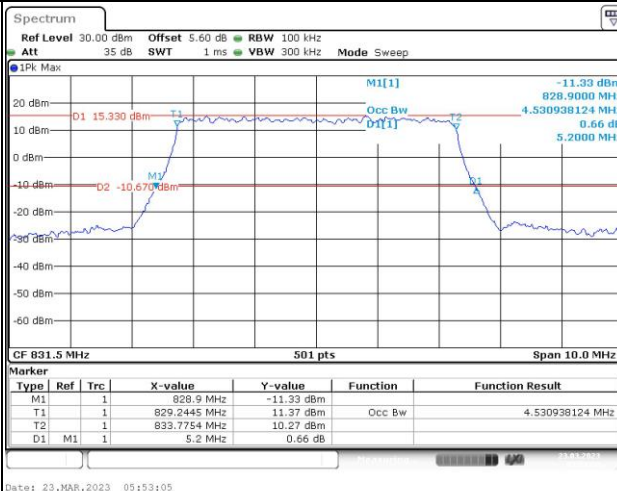
5MHz Bandwidth QPSK

5MHz Bandwidth 16QAM

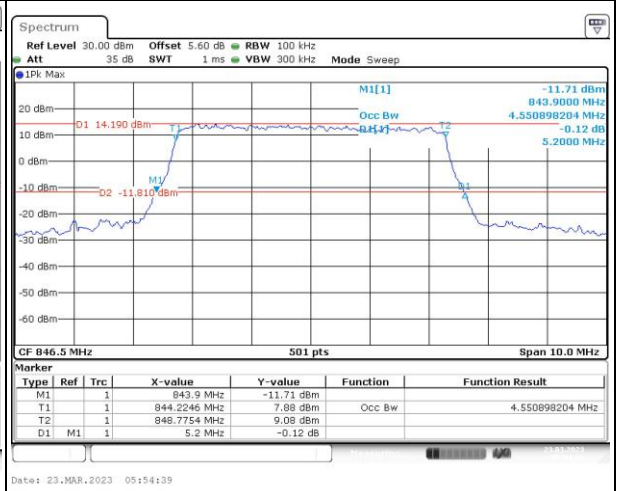
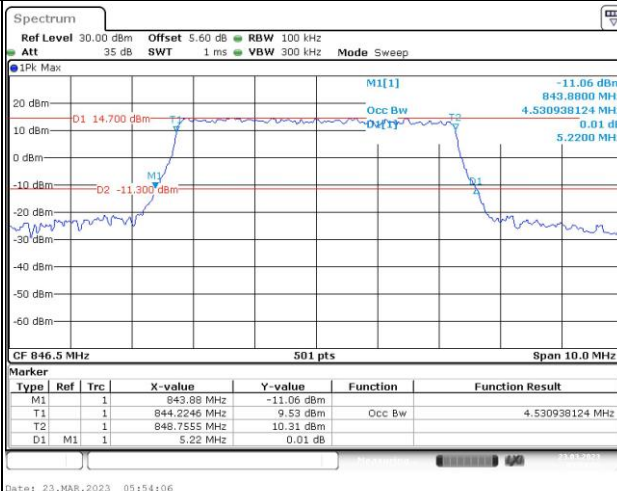
Lowest
For 22H



Middle
For 22H



Highest
For 22H



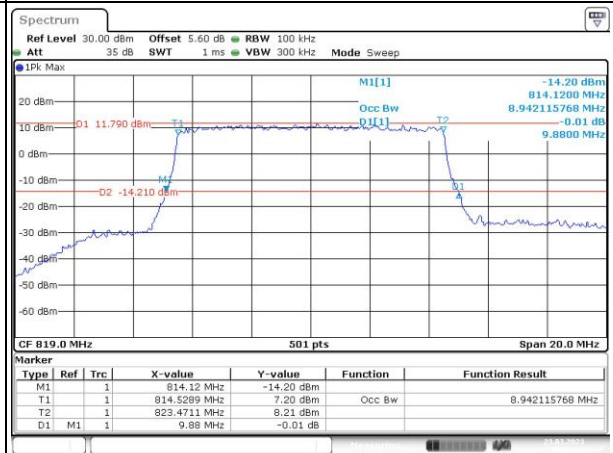
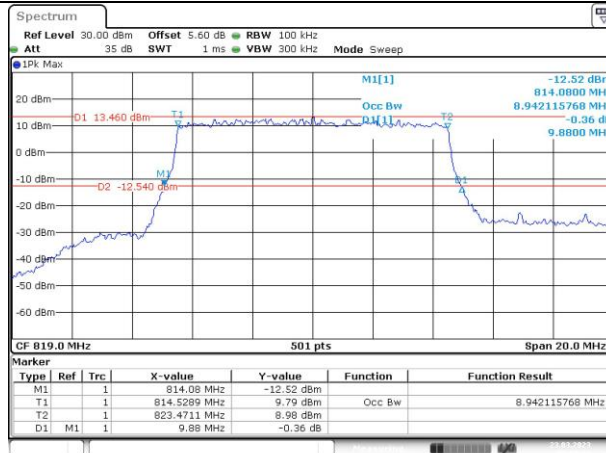
Occupied Bandwidth

Channel

10MHz Bandwidth QPSK

10MHz Bandwidth 16QAM

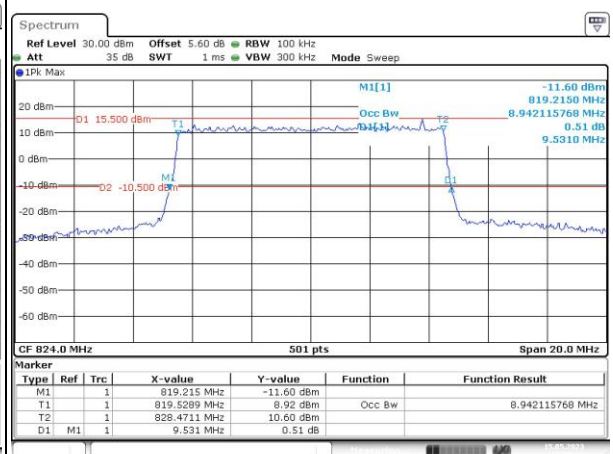
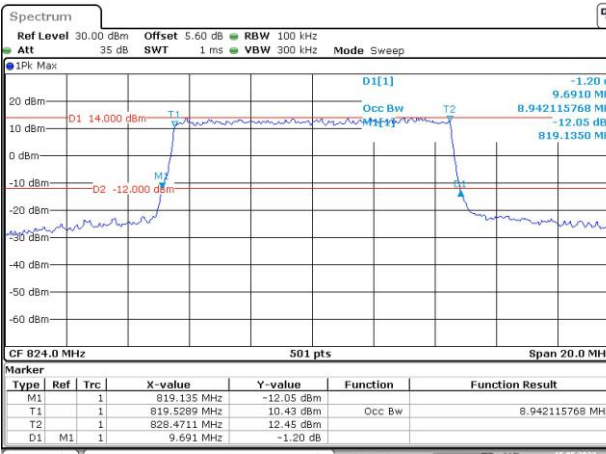
Lowest For 90S



Date: 23.MAR.2023 05:55:43

Date: 23.MAR.2023 05:56:24

Cross Channel



Date: 15.MAY.2023 15:08:40

Date: 15.MAY.2023 15:09:31

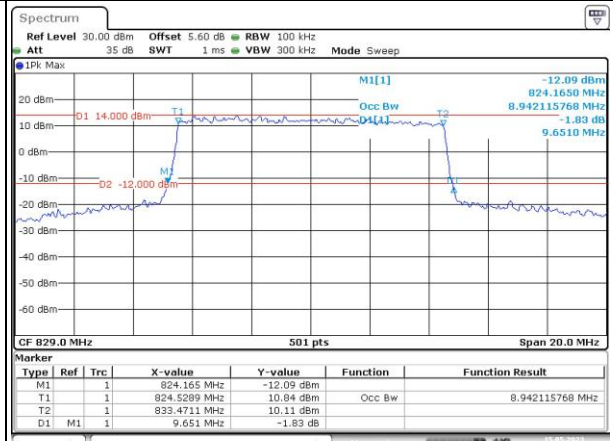
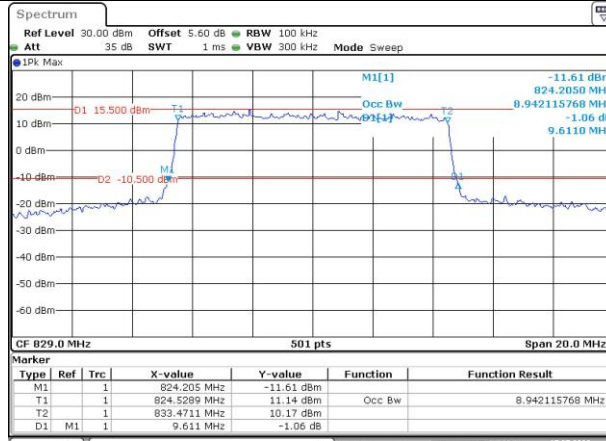
Occupied Bandwidth

Channel

10MHz Bandwidth QPSK

10MHz Bandwidth 16QAM

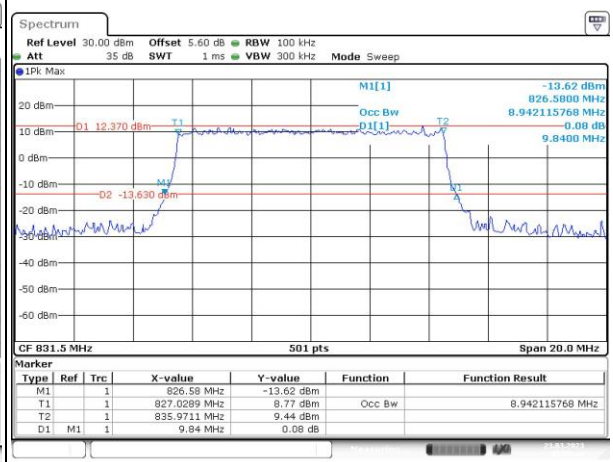
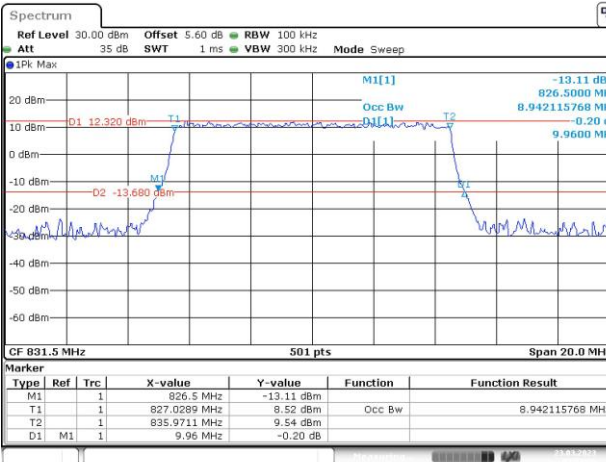
Lowest For 22H



Date: 15.MAY.2023 15:11:02

Date: 15.MAY.2023 15:13:06

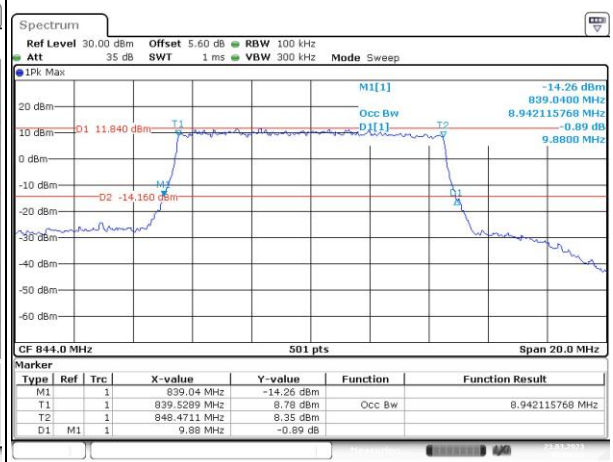
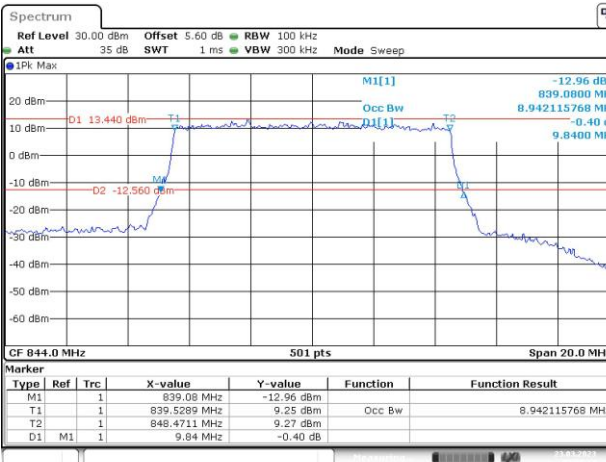
Middle For 22H



Date: 23.MAR.2023 05:15:06

Date: 23.MAR.2023 05:15:47

Highest For 22H



Date: 23.MAR.2023 05:15:16

Date: 23.MAR.2023 05:15:51

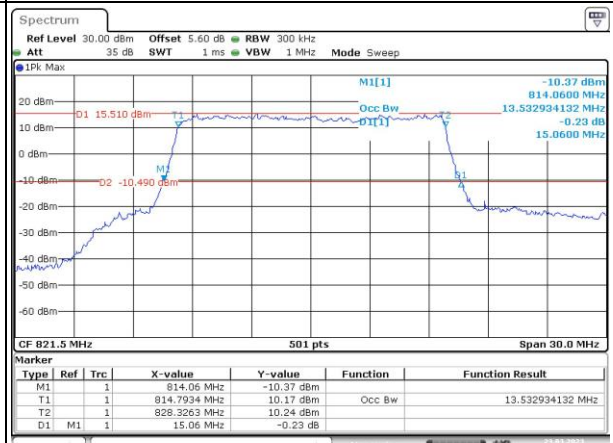
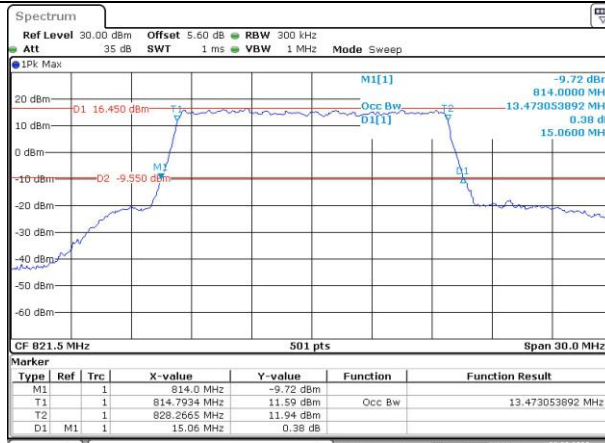
Occupied Bandwidth

Channel

15MHz Bandwidth QPSK

15MHz Bandwidth 16QAM

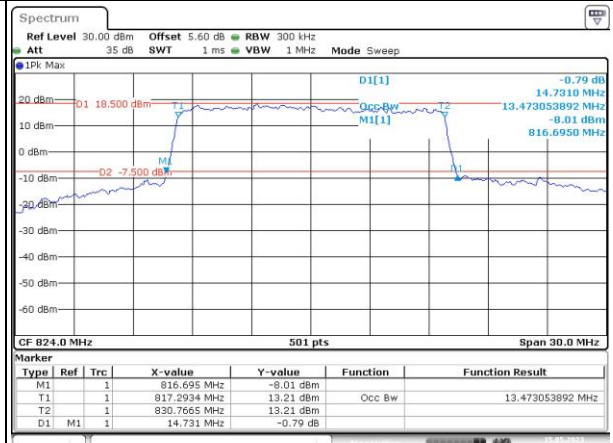
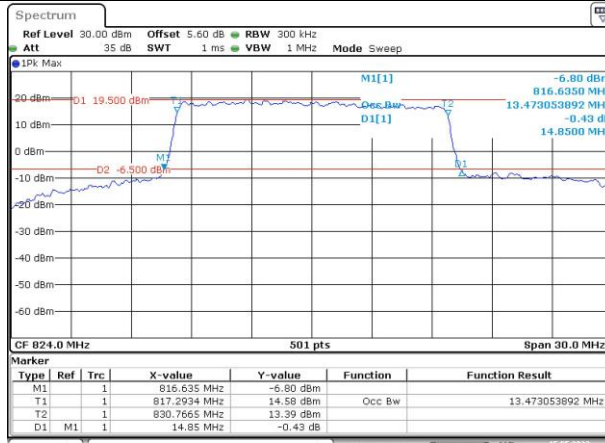
Lowest For 90S



Date: 23.MAR.2023 06:00:53

Date: 23.MAR.2023 06:01:17

Cross Channel



Date: 15.MAY.2023 18:00:28

Date: 15.MAY.2023 18:01:16

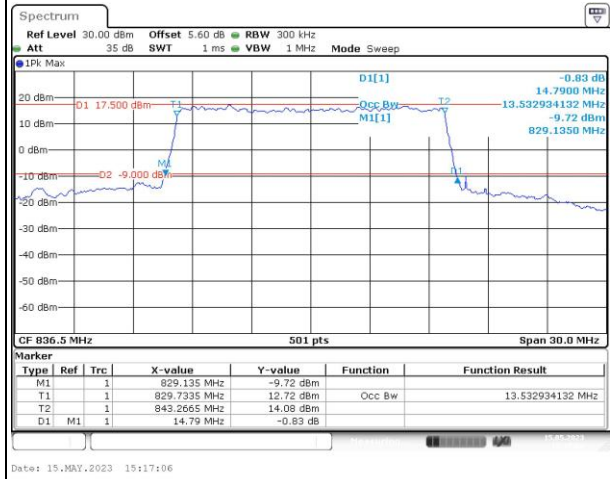
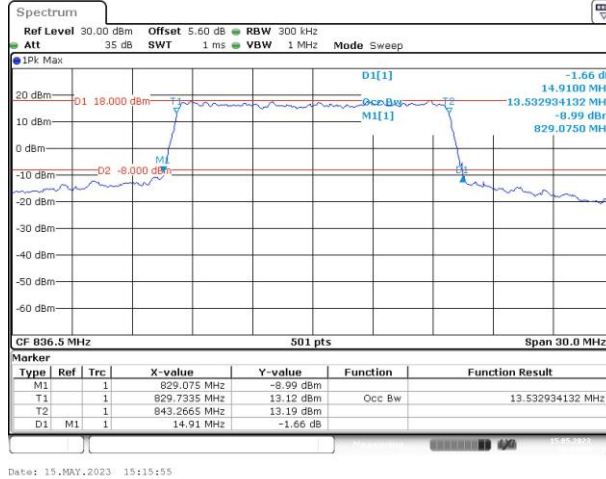
Occupied Bandwidth

Channel

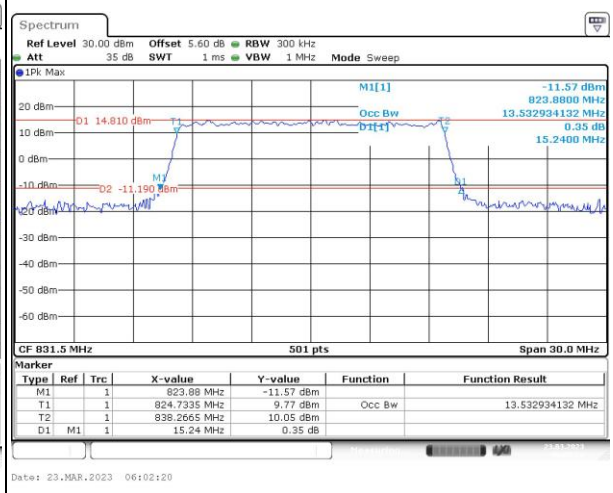
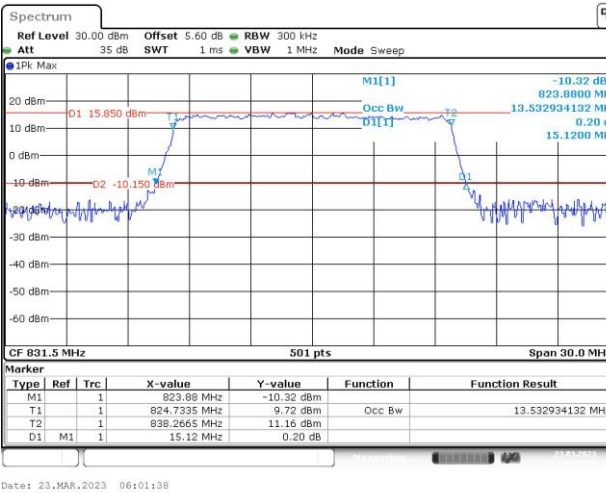
15MHz Bandwidth QPSK

15MHz Bandwidth 16QAM

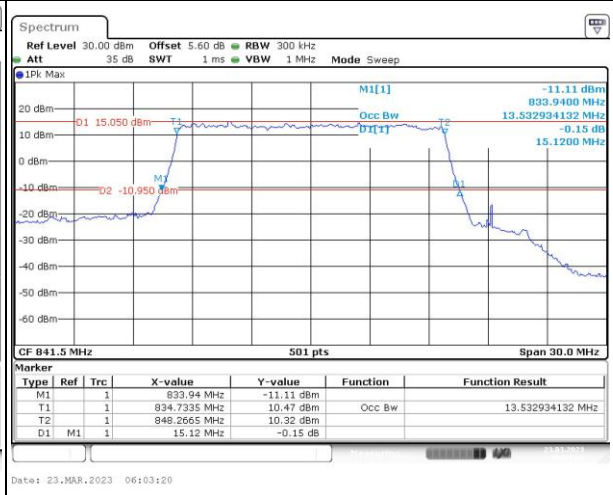
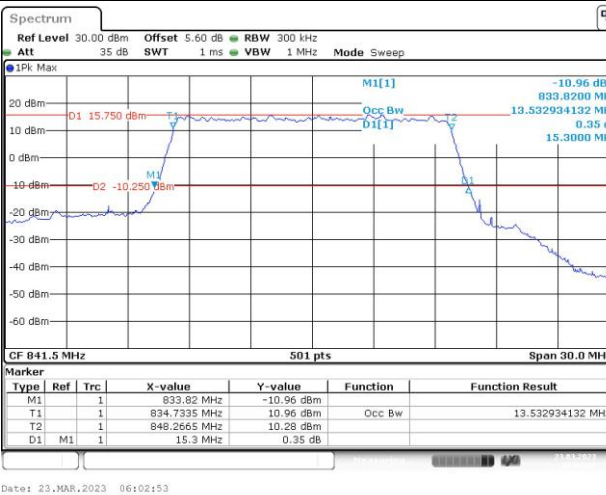
Lowest For 22H



Middle For 22H



Highest For 22H

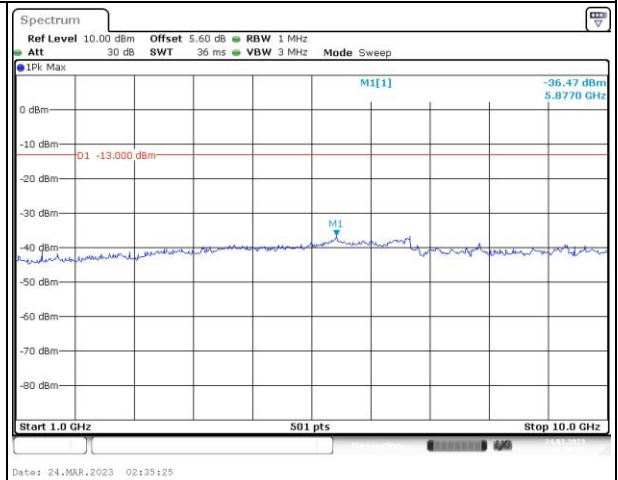
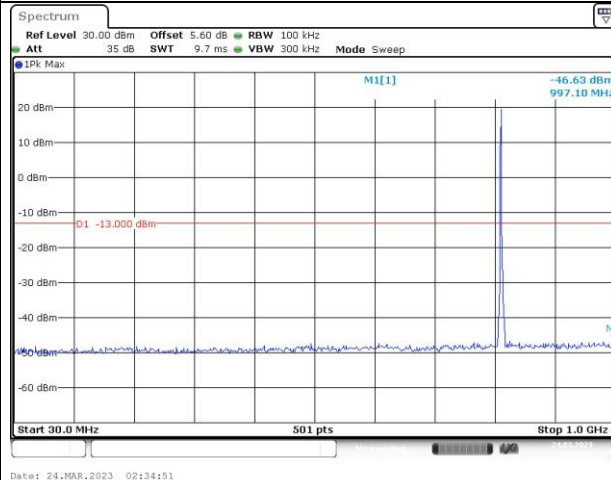


Spurious Emissions at Antenna Terminal

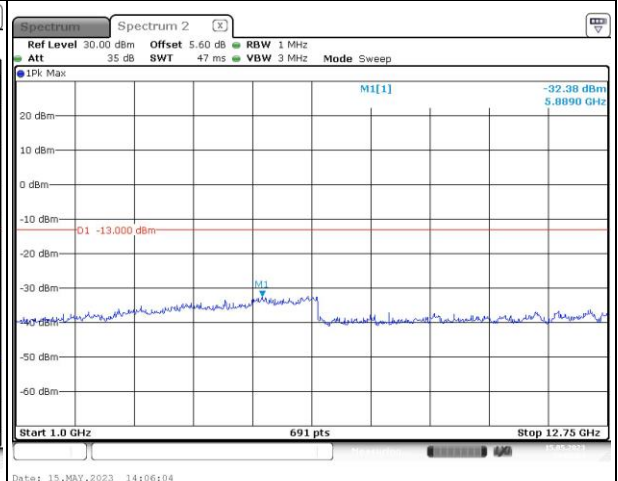
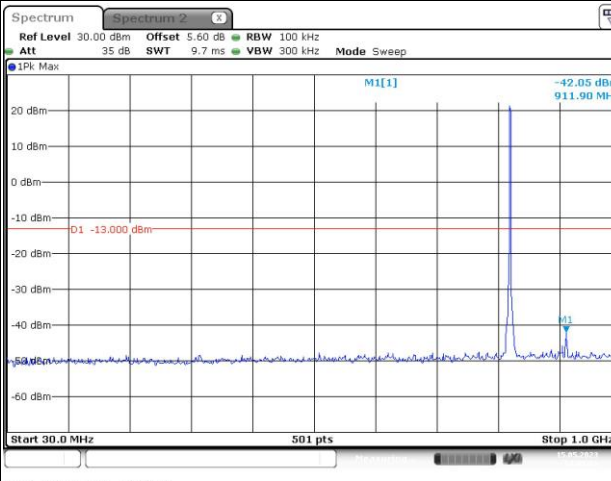
Channel

1.4MHz Bandwidth QPSK

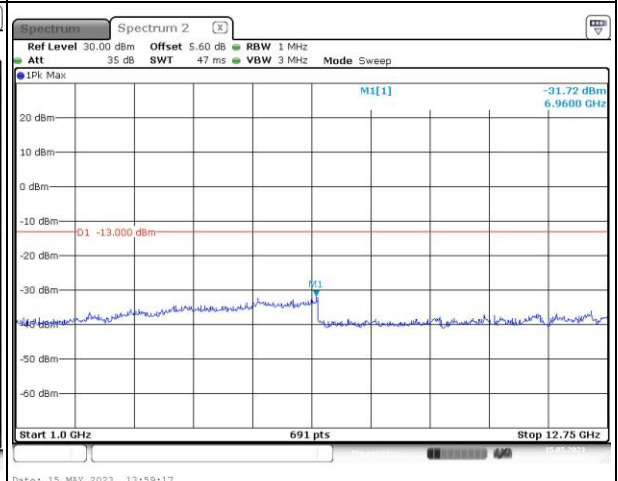
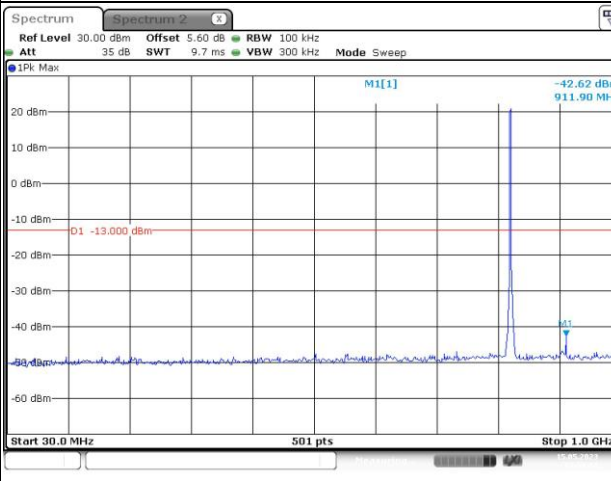
Lowest For 90S



Highest For 90S



Cross Channel

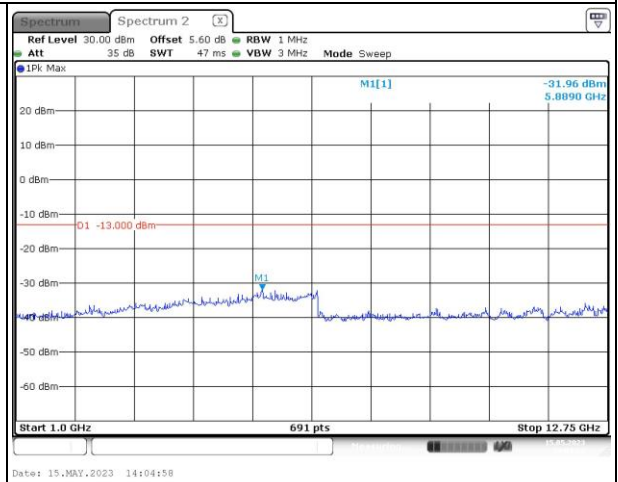
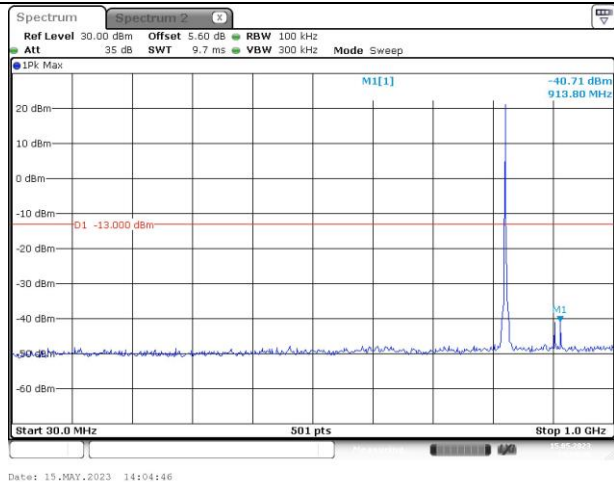


Spurious Emissions at Antenna Terminal

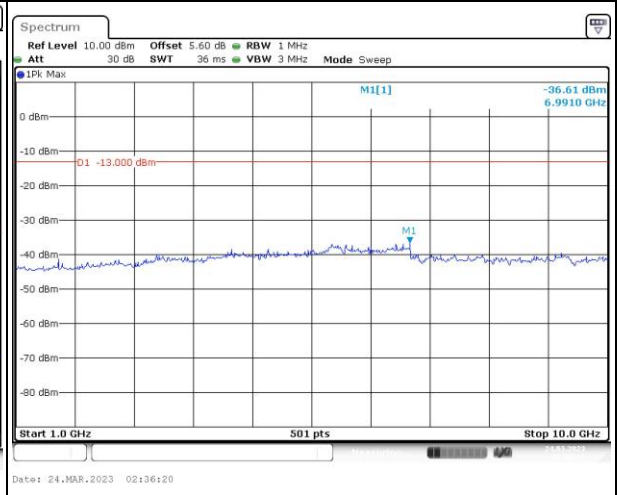
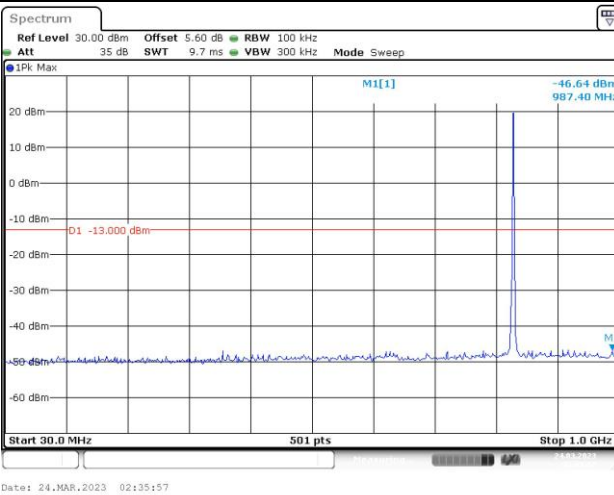
Channel

1.4MHz Bandwidth QPSK

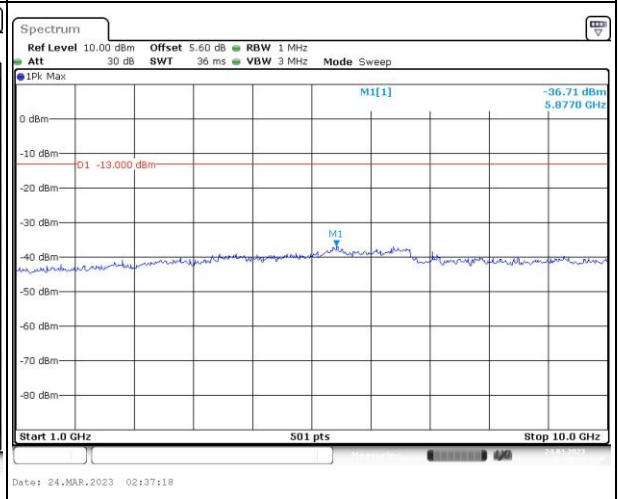
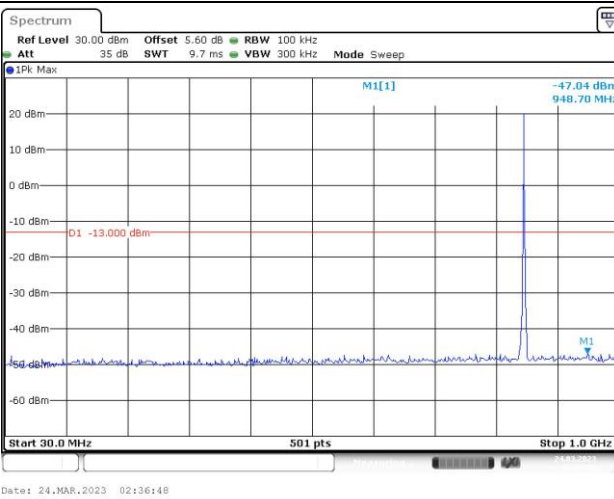
Lowest
For 22H



Middle
For 22H



Highest
For 22H

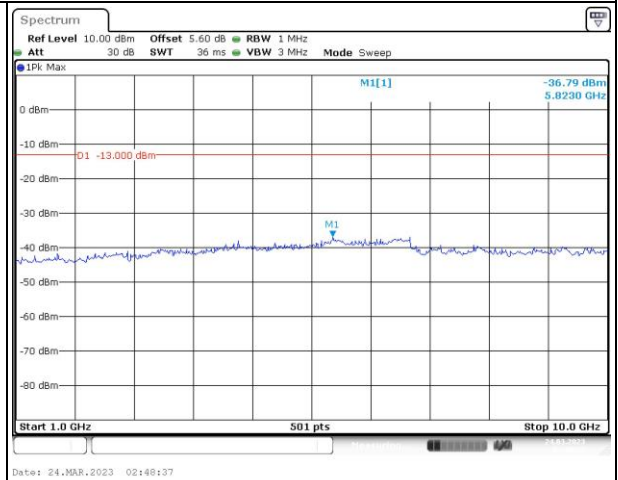
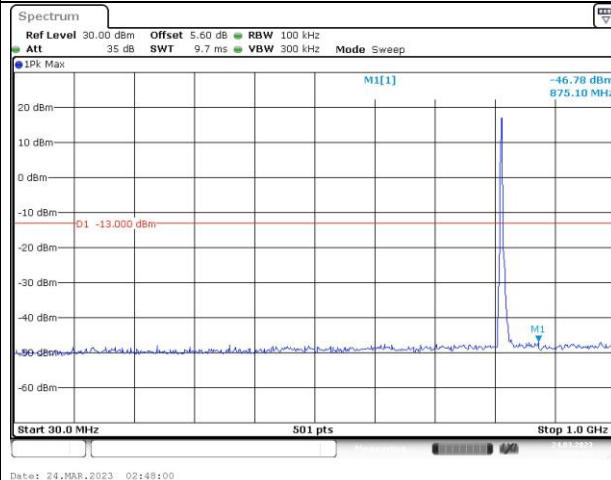


Spurious Emissions at Antenna Terminal

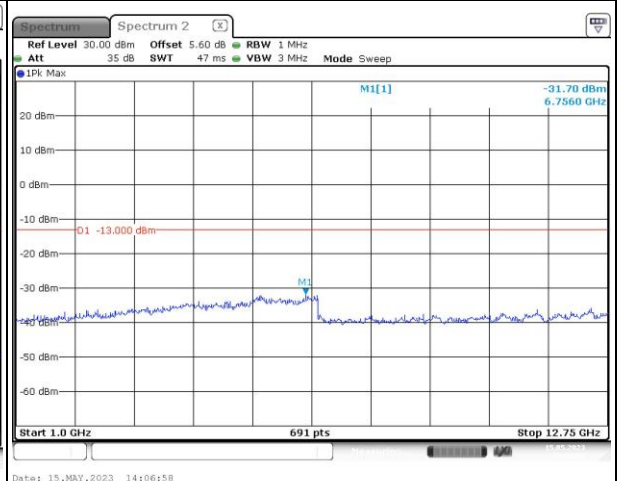
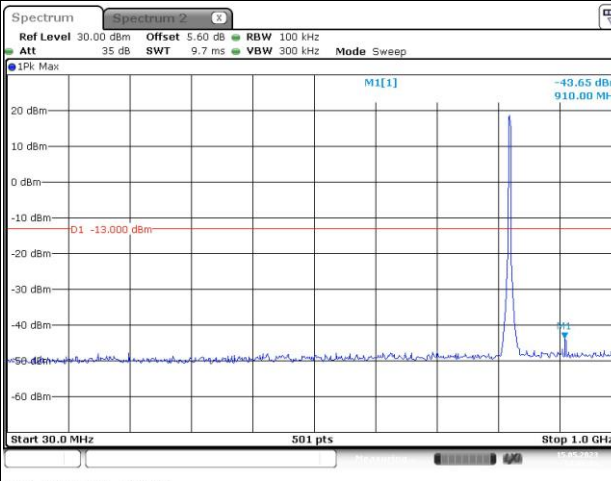
Channel

3MHz Bandwidth QPSK

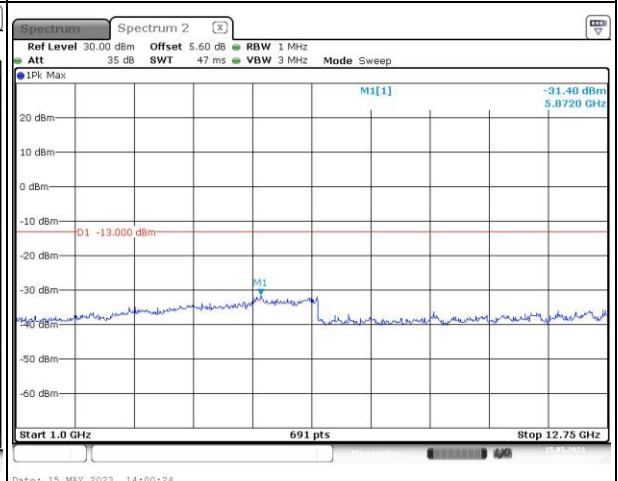
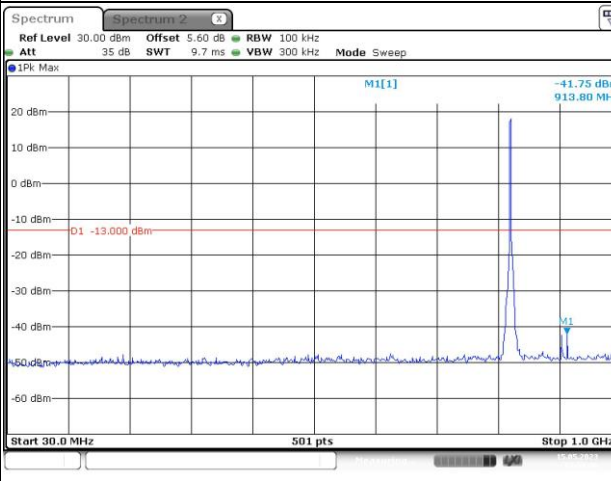
Lowest
For 90S



Highest
For 90S



Cross
Channel

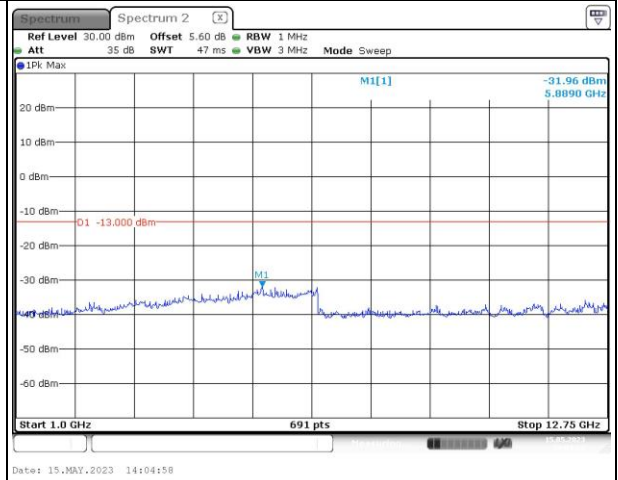
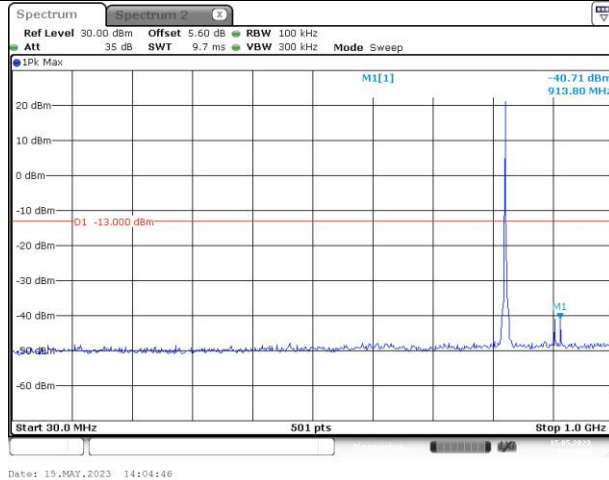


Spurious Emissions at Antenna Terminal

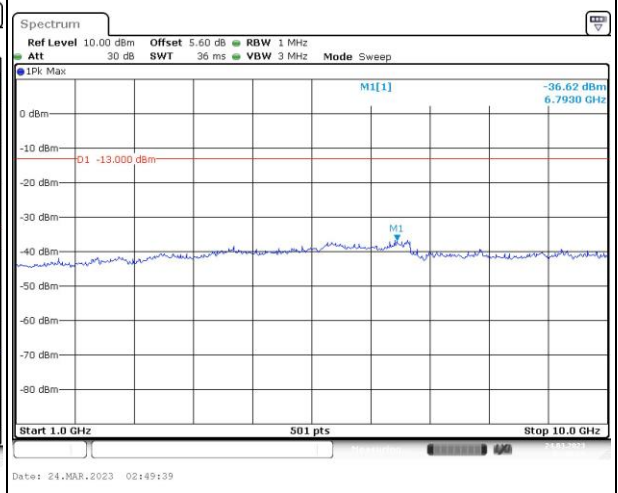
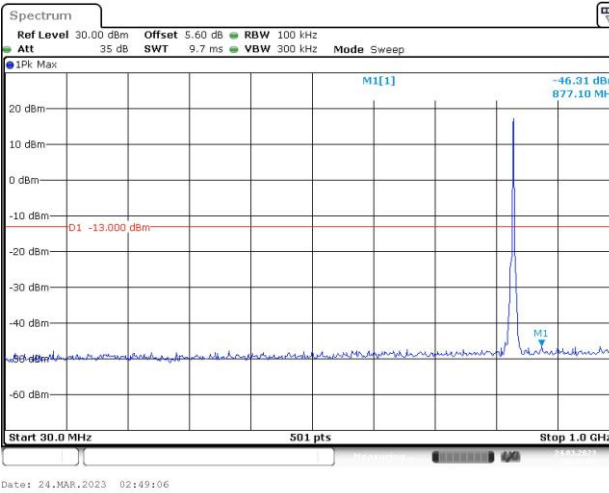
Channel

3MHz Bandwidth QPSK

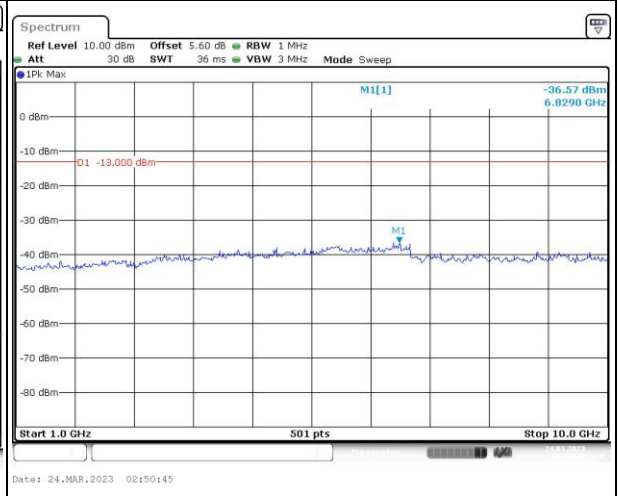
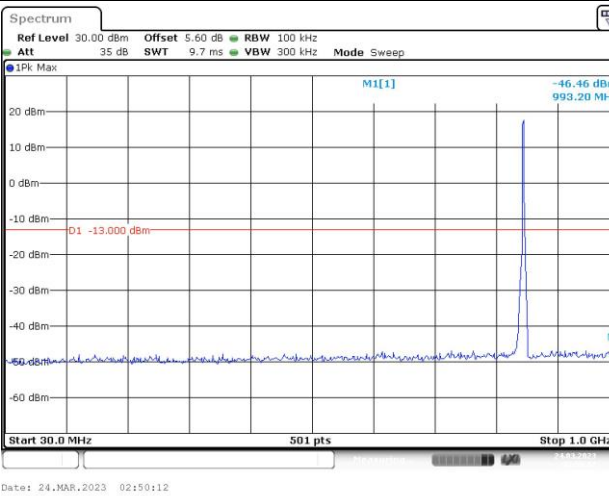
Lowest
For 22H



Middle
For 22H



Highest
For 22H

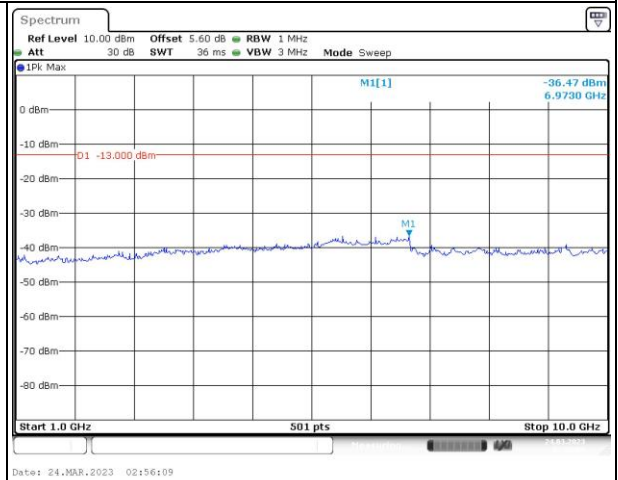
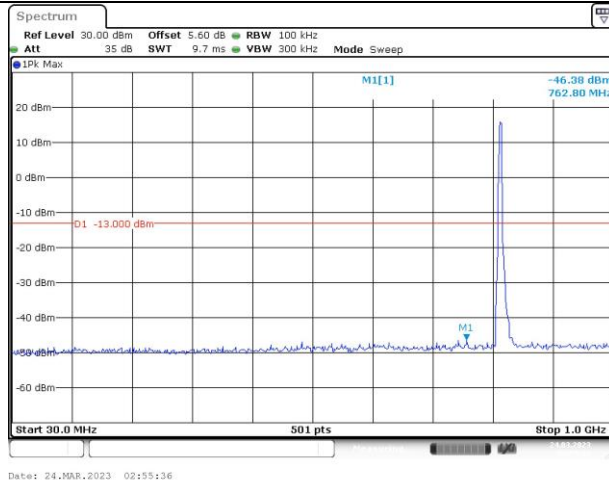


Spurious Emissions at Antenna Terminal

Channel

5MHz Bandwidth QPSK

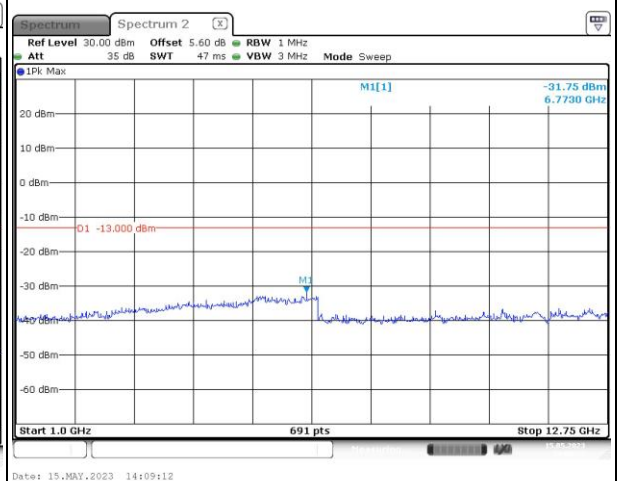
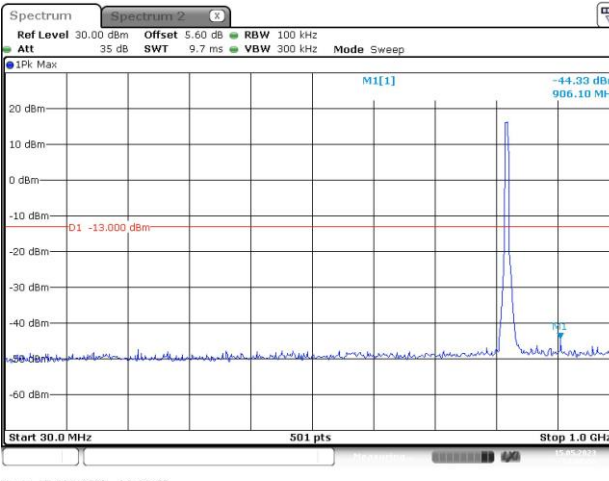
Lowest For 90S



Date: 24.MAR.2023 02:55:36

Date: 24.MAR.2023 02:56:09

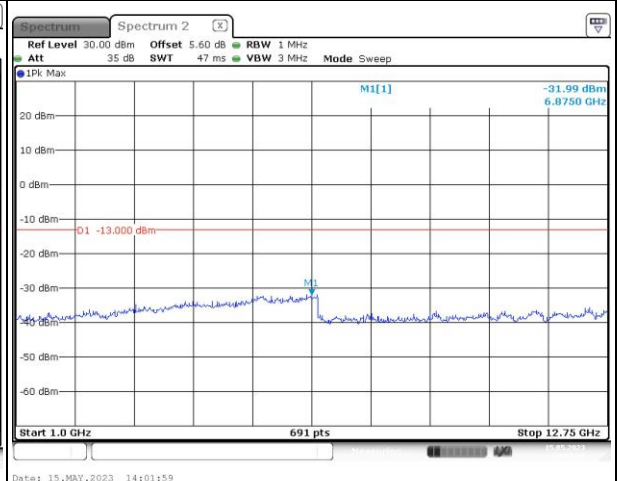
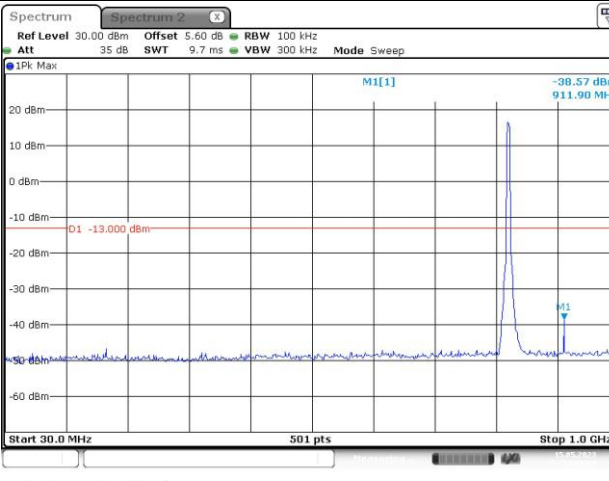
Highest For 90S



Date: 15.MAY.2023 14:08:59

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

Cross Channel



Date: 15.MAY.2023 14:01:27

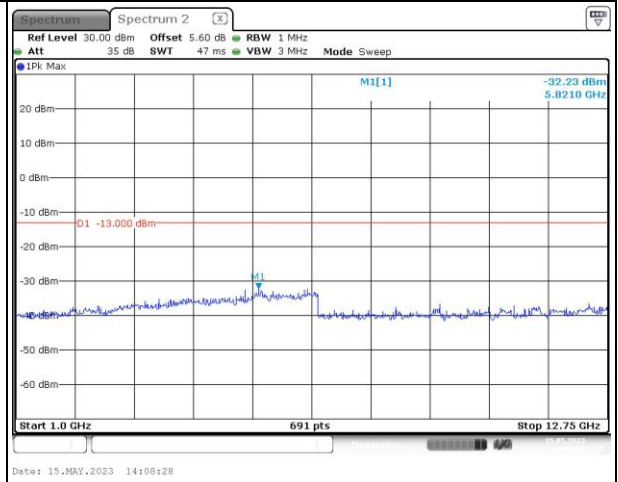
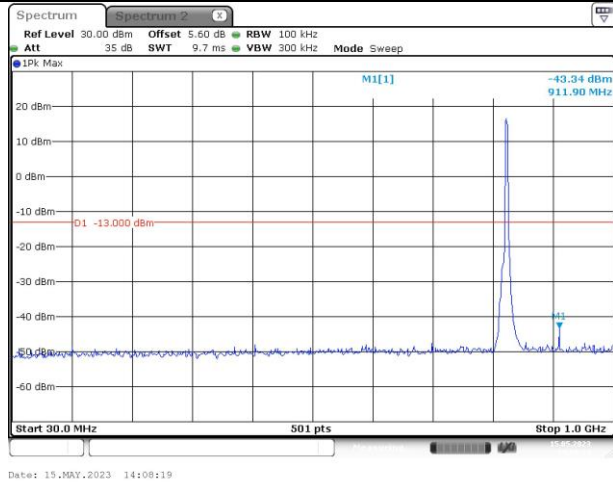
Date: 15.MAY.2023 14:01:59

Spurious Emissions at Antenna Terminal

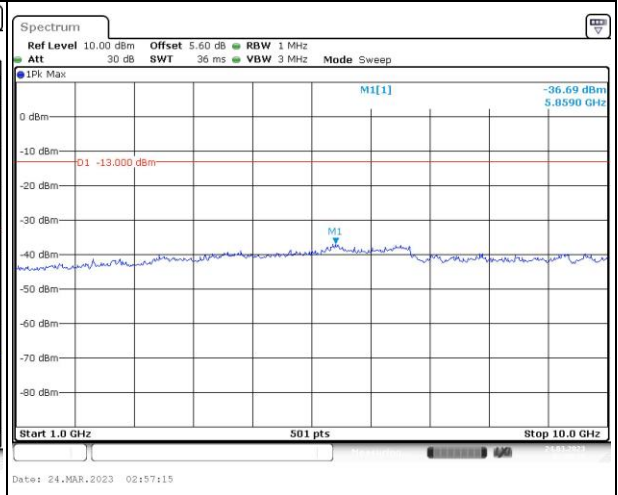
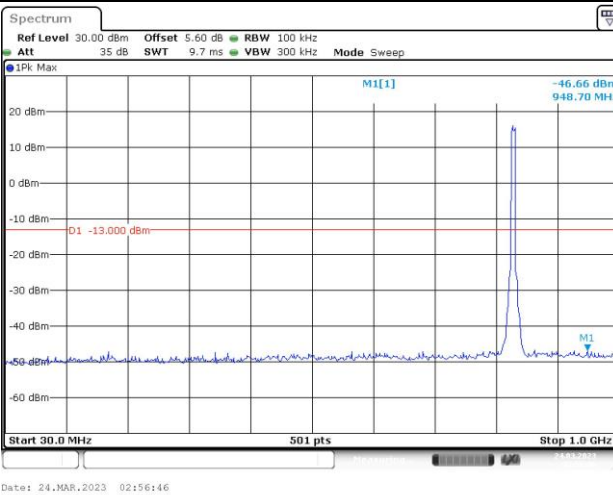
Channel

5MHz Bandwidth QPSK

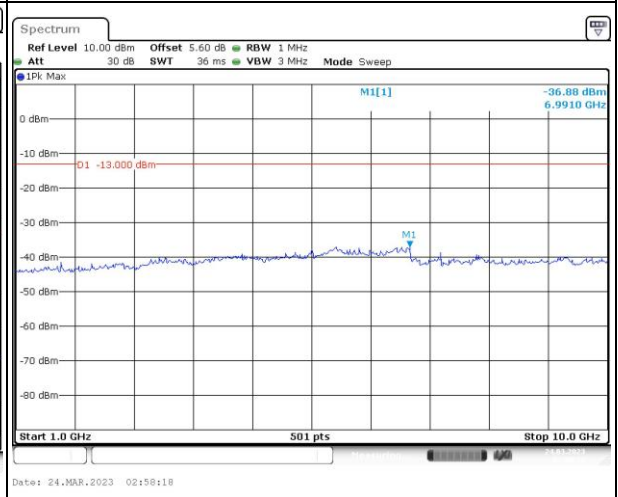
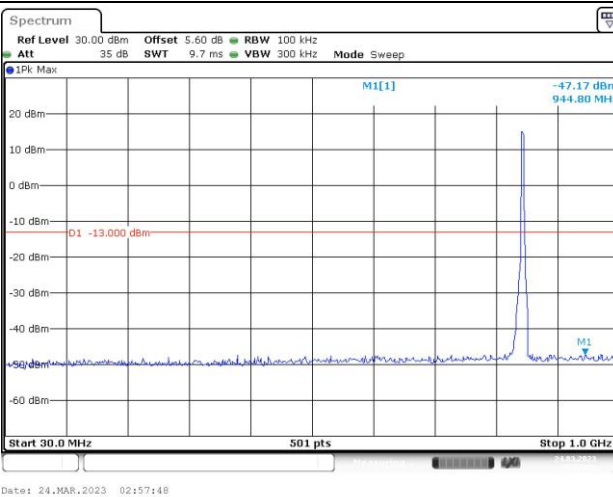
Lowest
For 22H



Middle
For 22H



Highest
For 22H

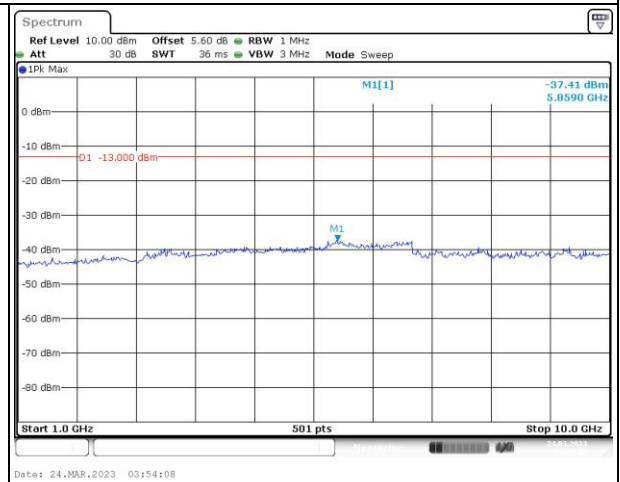
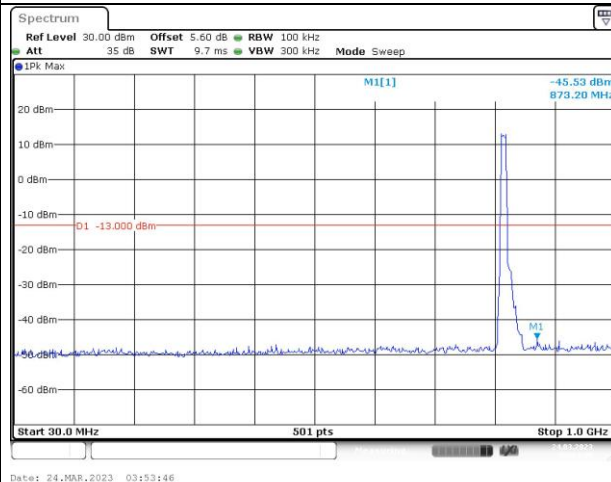


Spurious Emissions at Antenna Terminal

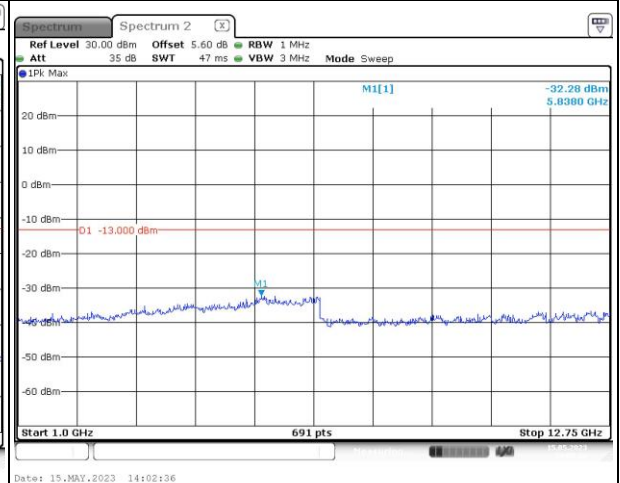
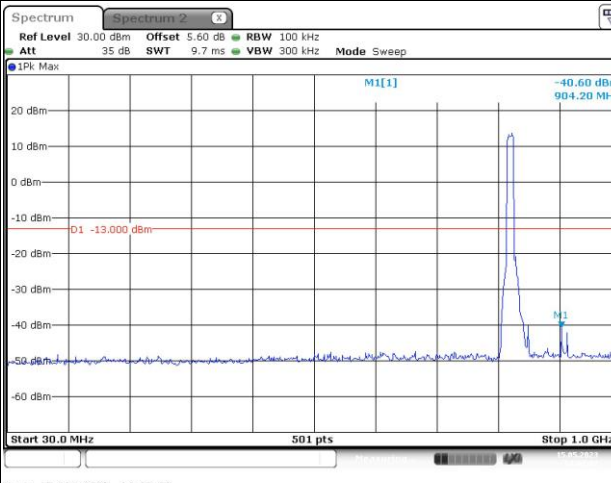
Channel

10MHz Bandwidth QPSK

Lowest For 90S



Cross Channel

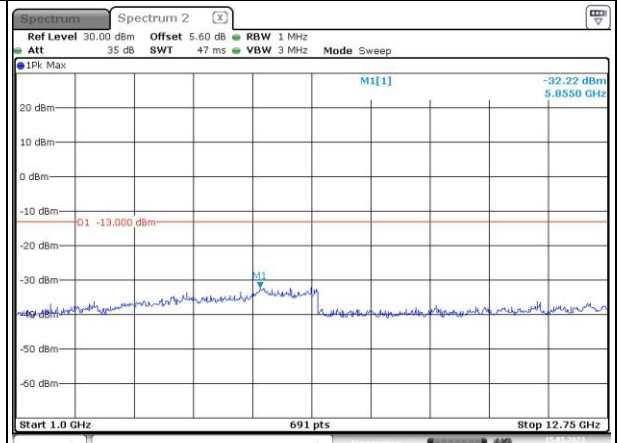
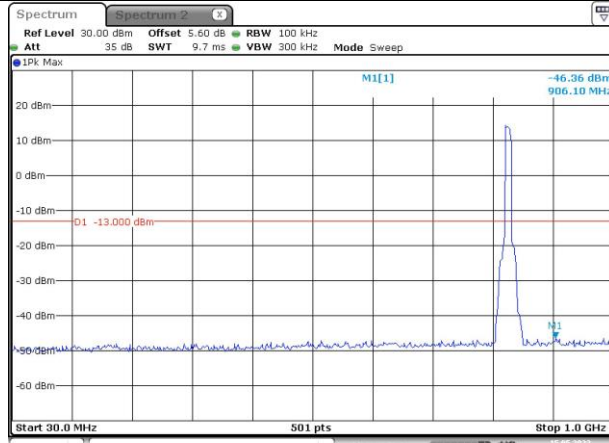


Spurious Emissions at Antenna Terminal

Channel

10MHz Bandwidth QPSK

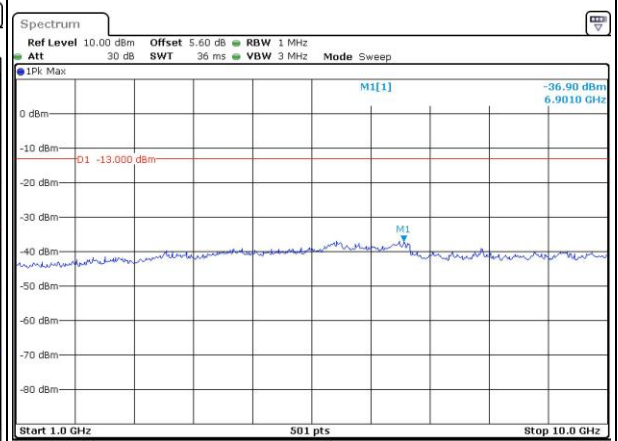
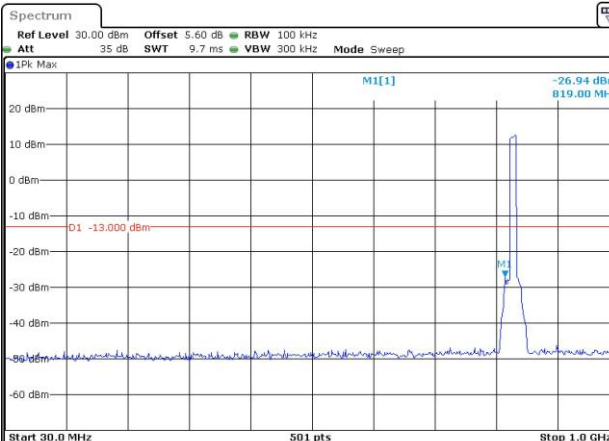
Lowest
For 22H



Date: 15.MAY.2023 14:10:48

Date: 15.MAY.2023 14:11:00

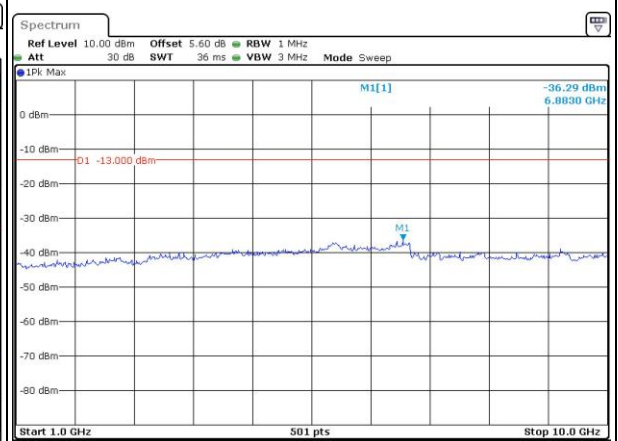
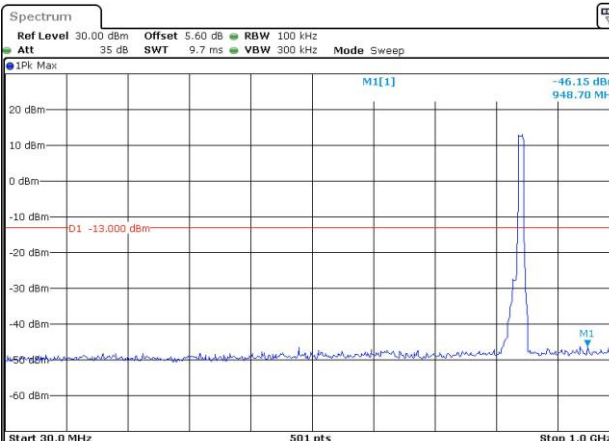
Middle
For 22H



Date: 24.MAR.2023 03:54:45

Date: 24.MAR.2023 03:55:11

Highest
For 22H



Date: 24.MAR.2023 03:55:51

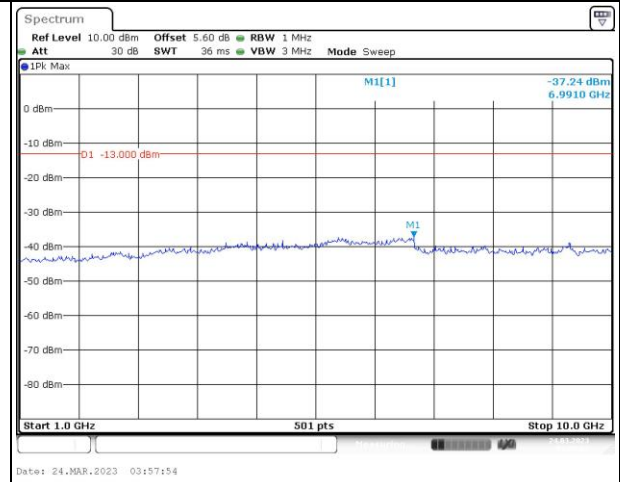
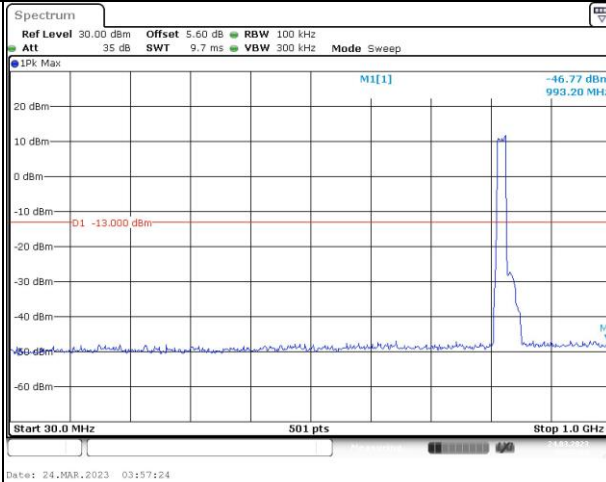
Date: 24.MAR.2023 03:56:25

Spurious Emissions at Antenna Terminal

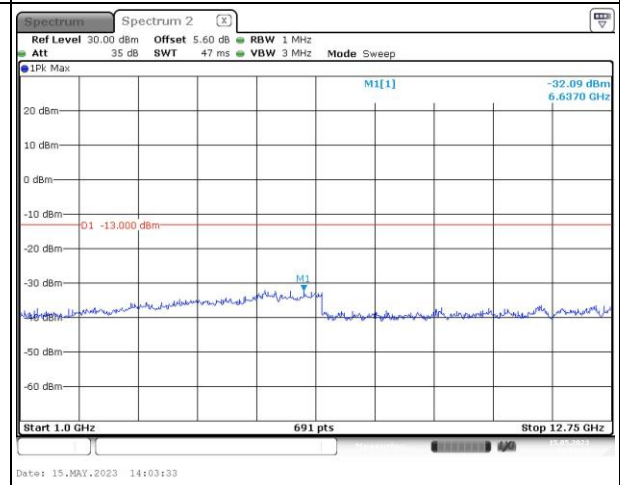
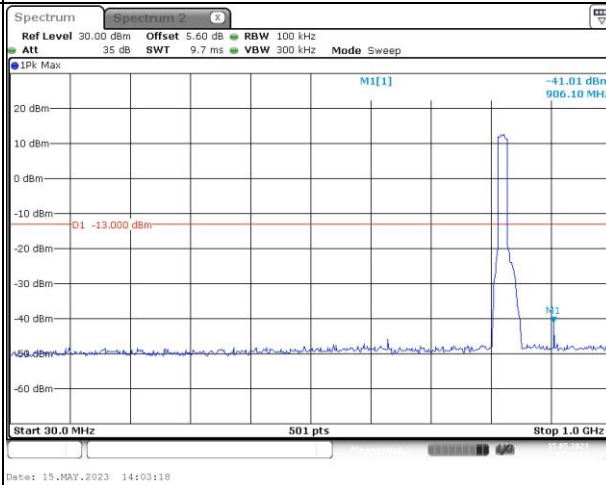
Channel

15MHz Bandwidth QPSK

Lowest For 90S



Cross Channel

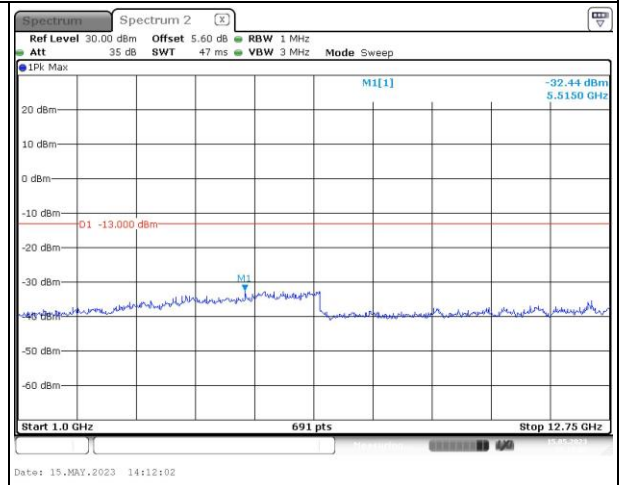
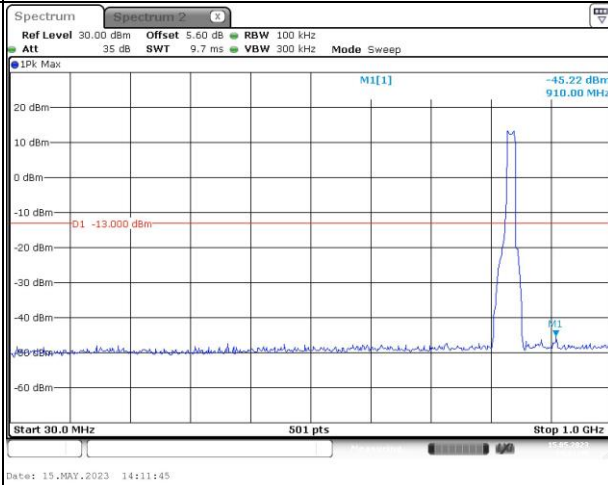


Spurious Emissions at Antenna Terminal

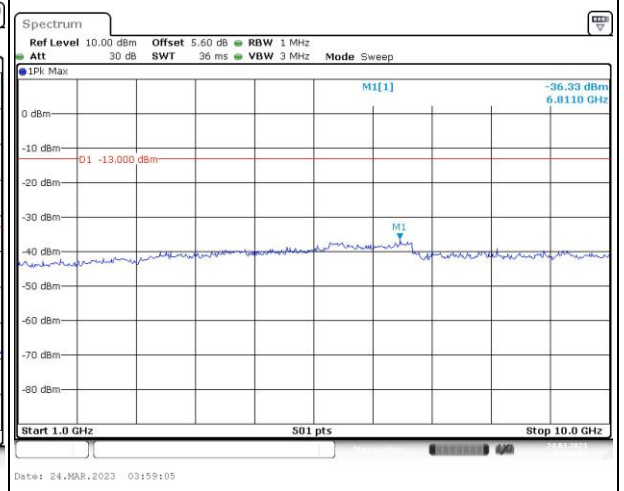
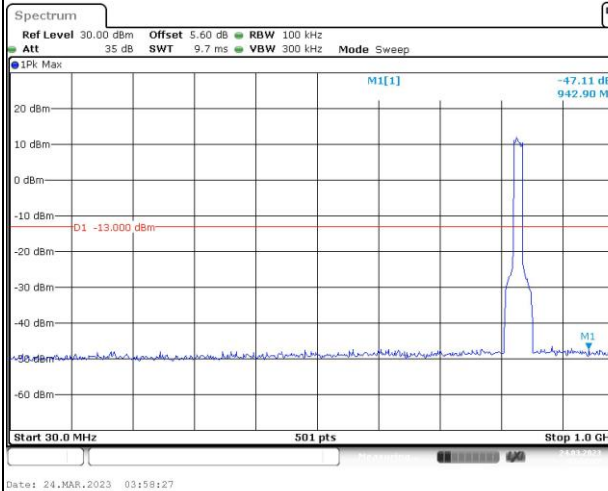
Channel

15MHz Bandwidth QPSK

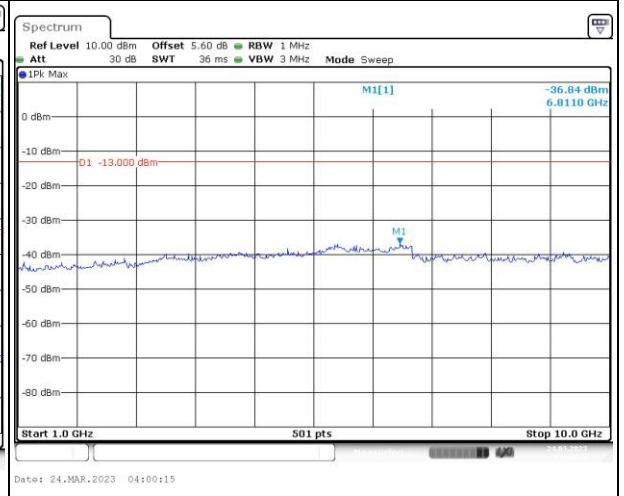
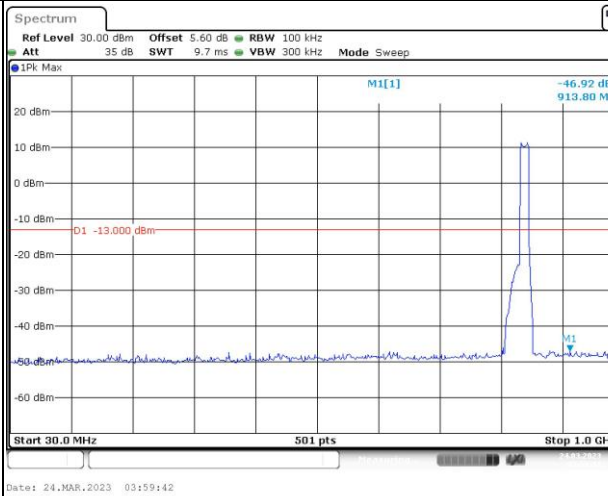
Lowest
For 22H



Middle
For 22H



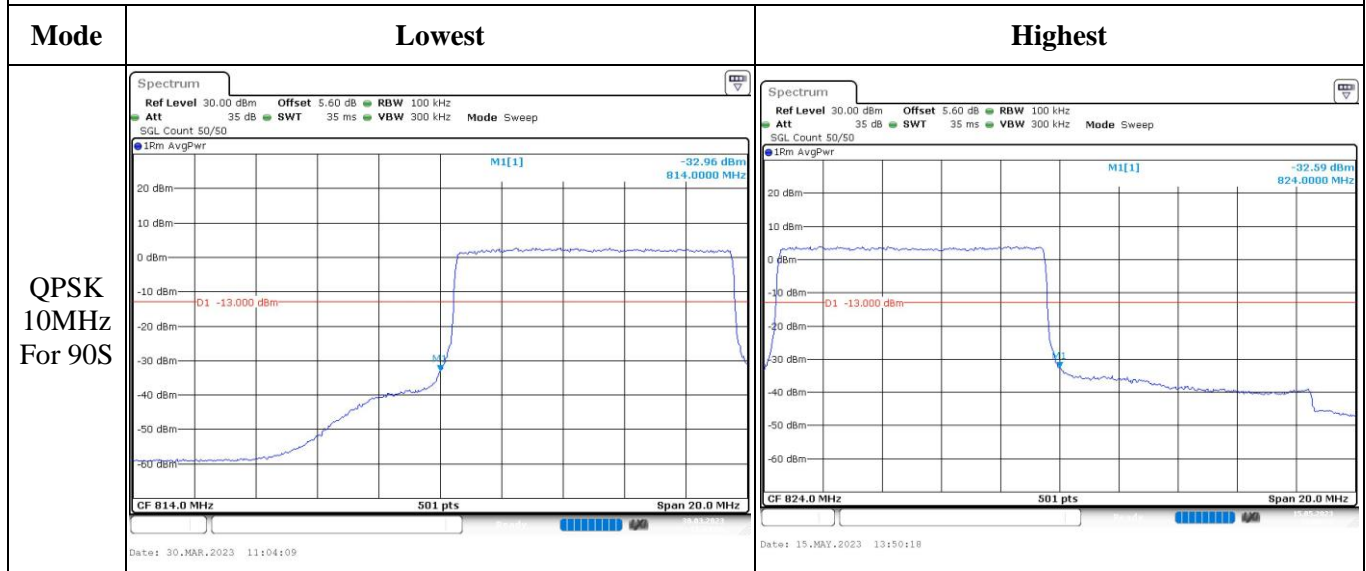
Highest
For 22H



Out of band emission, Band Edge

Mode	Lowest	Highest
<p>QPSK 1.4MHz For 90S</p>	<p>Ref Level 30.00 dBm Offset 5.60 dB RBW 30 kHz Att 35 dB SWT 35 ms VBW 100 kHz Mode Sweep SGL Count 50/50 1Rm AvgPwr MI[1] -27.52 dBm 814.00000 MHz D1 -13.000 dBm CF 814.0 MHz 501 pts Span 3.0 MHz Date: 30.MAR.2023 10:59:04</p>	<p>Ref Level 30.00 dBm Offset 5.60 dB RBW 30 kHz Att 35 dB SWT 35 ms VBW 100 kHz Mode Sweep SGL Count 50/50 1Rm AvgPwr MI[1] -27.59 dBm 824.00000 MHz D1 -13.000 dBm CF 824.0 MHz 501 pts Span 3.0 MHz Date: 15.MAY.2023 13:43:44</p>
<p>QPSK 3MHz For 90S</p>	<p>Ref Level 30.00 dBm Offset 5.60 dB RBW 30 kHz Att 35 dB SWT 35 ms VBW 100 kHz Mode Sweep SGL Count 50/50 1Rm AvgPwr MI[1] -32.47 dBm 814.00000 MHz D1 -13.000 dBm CF 814.0 MHz 501 pts Span 6.0 MHz Date: 30.MAR.2023 10:59:56</p>	<p>Ref Level 30.00 dBm Offset 5.60 dB RBW 30 kHz Att 35 dB SWT 35 ms VBW 100 kHz Mode Sweep SGL Count 50/50 1Rm AvgPwr MI[1] -33.51 dBm 824.00000 MHz D1 -13.000 dBm CF 824.0 MHz 501 pts Span 6.0 MHz Date: 15.MAY.2023 13:44:54</p>
<p>QPSK 5MHz For 90S</p>	<p>Ref Level 30.00 dBm Offset 5.60 dB RBW 100 kHz Att 35 dB SWT 35 ms VBW 300 kHz Mode Sweep SGL Count 50/50 1Rm AvgPwr MI[1] -24.28 dBm 814.00000 MHz D1 -13.000 dBm CF 814.0 MHz 501 pts Span 10.0 MHz Date: 30.MAR.2023 11:00:47</p>	<p>Ref Level 30.00 dBm Offset 5.60 dB RBW 100 kHz Att 35 dB SWT 35 ms VBW 300 kHz Mode Sweep SGL Count 50/50 1Rm AvgPwr MI[1] -28.23 dBm 824.00000 MHz D1 -13.000 dBm CF 824.0 MHz 501 pts Span 10.0 MHz Date: 15.MAY.2023 13:47:33</p>

Out of band emission, Band Edge



Out of band emission, Band Edge

Mode	Lowest	Highest
<p>QPSK 1.4MHz For 22H</p>	<p>Ref Level 30.00 dBm Offset 5.60 dB RBW 30 kHz Att 35 dB SWT 35 ms VBW 100 kHz Mode Sweep SGL Count 50/50 1Rm AvgPwr MI[1] -26.60 dBm 824.0000 MHz D1 -13.000 dBm CF 824.0 MHz 501 pts Span 3.0 MHz Date: 15.MAY.2023 13:45:52</p>	<p>Ref Level 30.00 dBm Offset 5.60 dB RBW 30 kHz Att 35 dB SWT 35 ms VBW 100 kHz Mode Sweep SGL Count 50/50 1Rm AvgPwr MI[1] -20.33 dBm 849.01200 MHz D1 -13.000 dBm CF 849.0 MHz 501 pts Span 3.0 MHz Date: 30.MAR.2023 10:59:17</p>
<p>QPSK 3MHz For 22H</p>	<p>Ref Level 30.00 dBm Offset 5.60 dB RBW 30 kHz Att 35 dB SWT 35 ms VBW 100 kHz Mode Sweep SGL Count 50/50 1Rm AvgPwr MI[1] -31.99 dBm 824.0000 MHz D1 -13.000 dBm CF 824.0 MHz 501 pts Span 6.0 MHz Date: 15.MAY.2023 13:46:34</p>	<p>Ref Level 30.00 dBm Offset 5.60 dB RBW 30 kHz Att 35 dB SWT 35 ms VBW 100 kHz Mode Sweep SGL Count 50/50 1Rm AvgPwr MI[1] -34.12 dBm 849.0000 MHz D1 -13.000 dBm CF 849.0 MHz 501 pts Span 6.0 MHz Date: 30.MAR.2023 11:00:09</p>
<p>QPSK 5MHz For 22H</p>	<p>Ref Level 30.00 dBm Offset 5.60 dB RBW 100 kHz Att 35 dB SWT 35 ms VBW 300 kHz Mode Sweep SGL Count 50/50 1Rm AvgPwr MI[1] -26.96 dBm 824.0000 MHz D1 -13.000 dBm CF 824.0 MHz 501 pts Span 10.0 MHz Date: 15.MAY.2023 13:48:10</p>	<p>Ref Level 30.00 dBm Offset 5.60 dB RBW 100 kHz Att 35 dB SWT 35 ms VBW 300 kHz Mode Sweep SGL Count 50/50 1Rm AvgPwr MI[1] -23.83 dBm 849.0000 MHz D1 -13.000 dBm CF 849.0 MHz 501 pts Span 10.0 MHz Date: 30.MAR.2023 11:01:01</p>

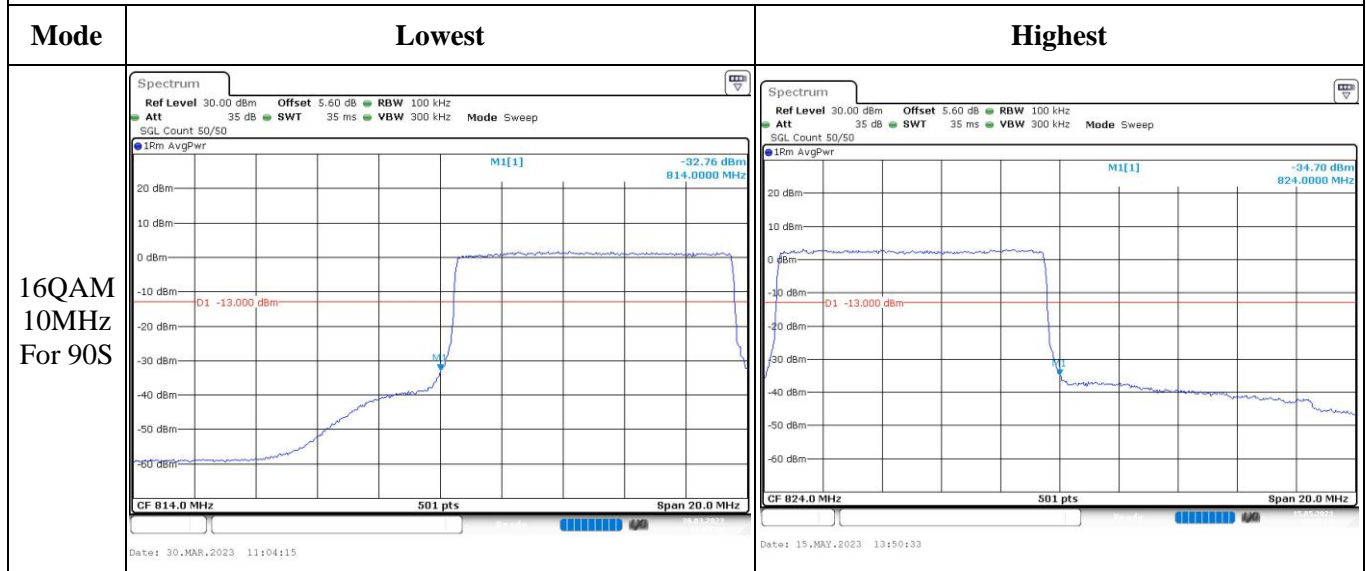
Out of band emission, Band Edge

Mode	Lowest	Highest
<p>QPSK 10MHz For 22H</p>	<p>Ref Level 30.00 dBm Offset 5.60 dB RBW 100 kHz Att 35 dB SWT 35 ms VBW 300 kHz Mode Sweep SGL Count 50/50 1Rm AvgPwr MI[1] -29.33 dBm 824.0000 MHz D1 -13.000 dBm CF 824.0 MHz 501 pts Span 20.0 MHz Date: 15.MAY.2023 13:15:57</p>	<p>Ref Level 30.00 dBm Offset 5.60 dB RBW 100 kHz Att 35 dB SWT 35 ms VBW 300 kHz Mode Sweep SGL Count 50/50 1Rm AvgPwr MI[1] -32.07 dBm 849.0000 MHz D1 -13.000 dBm CF 849.0 MHz 501 pts Span 20.0 MHz Date: 30.MAR.2023 11:04:23</p>
<p>QPSK 15MHz For 22H</p>	<p>Ref Level 30.00 dBm Offset 5.60 dB RBW 300 kHz Att 35 dB SWT 35 ms VBW 1 MHz Mode Sweep SGL Count 50/50 1Rm AvgPwr MI[1] -22.14 dBm 823.1620 MHz D1 -13.000 dBm CF 824.0 MHz 501 pts Span 30.0 MHz Date: 15.MAY.2023 13:15:26</p>	<p>Ref Level 30.00 dBm Offset 5.60 dB RBW 300 kHz Att 35 dB SWT 35 ms VBW 1 MHz Mode Sweep SGL Count 50/50 1Rm AvgPwr MI[1] -30.09 dBm 849.0000 MHz D1 -13.000 dBm CF 849.0 MHz 501 pts Span 30.0 MHz Date: 30.MAR.2023 11:05:18</p>
<p>QPSK 15MHz Across 90S and 22H</p>	<p>Ref Level 30.00 dBm Offset 5.60 dB RBW 300 kHz Att 35 dB SWT 35 ms VBW 1 MHz Mode Sweep SGL Count 50/50 1Rm AvgPwr MI[1] -28.06 dBm 814.0000 MHz D1 -13.000 dBm CF 814.0 MHz 501 pts Span 30.0 MHz Date: 30.MAR.2023 11:05:03</p>	

Out of band emission, Band Edge

Mode	Lowest	Highest
16QAM 1.4MHz For 90S	<p>Ref Level 30.00 dBm Offset 5.60 dB RBW 30 kHz Att 35 dB SWT 35 ms VBW 100 kHz Mode Sweep SGL Count 50/50 IRm AvgPwr MI[1] -28.31 dBm 813.99400 MHz D1 -13.000 dBm CF 814.0 MHz 501 pts Span 3.0 MHz Date: 30.MAR.2023 10:59:10</p>	<p>Ref Level 30.00 dBm Offset 5.60 dB RBW 30 kHz Att 35 dB SWT 35 ms VBW 100 kHz Mode Sweep SGL Count 50/50 IRm AvgPwr MI[1] -29.25 dBm 824.00000 MHz D1 -13.000 dBm CF 824.0 MHz 501 pts Span 3.0 MHz Date: 15.MAY.2023 13:44:13</p>
16QAM 3MHz For 90S	<p>Ref Level 30.00 dBm Offset 5.60 dB RBW 30 kHz Att 35 dB SWT 35 ms VBW 100 kHz Mode Sweep SGL Count 50/50 IRm AvgPwr MI[1] -32.79 dBm 814.00000 MHz D1 -13.000 dBm CF 814.0 MHz 501 pts Span 6.0 MHz Date: 30.MAR.2023 11:00:02</p>	<p>Ref Level 30.00 dBm Offset 5.60 dB RBW 30 kHz Att 35 dB SWT 35 ms VBW 100 kHz Mode Sweep SGL Count 50/50 IRm AvgPwr MI[1] -35.08 dBm 824.00000 MHz D1 -13.000 dBm CF 824.0 MHz 501 pts Span 6.0 MHz Date: 15.MAY.2023 13:45:09</p>
16QAM 5MHz For 90S	<p>Ref Level 30.00 dBm Offset 5.60 dB RBW 100 kHz Att 35 dB SWT 35 ms VBW 300 kHz Mode Sweep SGL Count 50/50 IRm AvgPwr MI[1] -26.12 dBm 813.98000 MHz D1 -13.000 dBm CF 814.0 MHz 501 pts Span 10.0 MHz Date: 30.MAR.2023 11:00:53</p>	<p>Ref Level 30.00 dBm Offset 5.60 dB RBW 100 kHz Att 35 dB SWT 35 ms VBW 300 kHz Mode Sweep SGL Count 50/50 IRm AvgPwr MI[1] -29.86 dBm 824.00000 MHz D1 -13.000 dBm CF 824.0 MHz 501 pts Span 10.0 MHz Date: 15.MAY.2023 13:47:46</p>

Out of band emission, Band Edge



Out of band emission, Band Edge

Mode	Lowest	Highest
16QAM 1.4MHz For 22H		
16QAM 3MHz For 22H		
16QAM 5MHz For 22H		