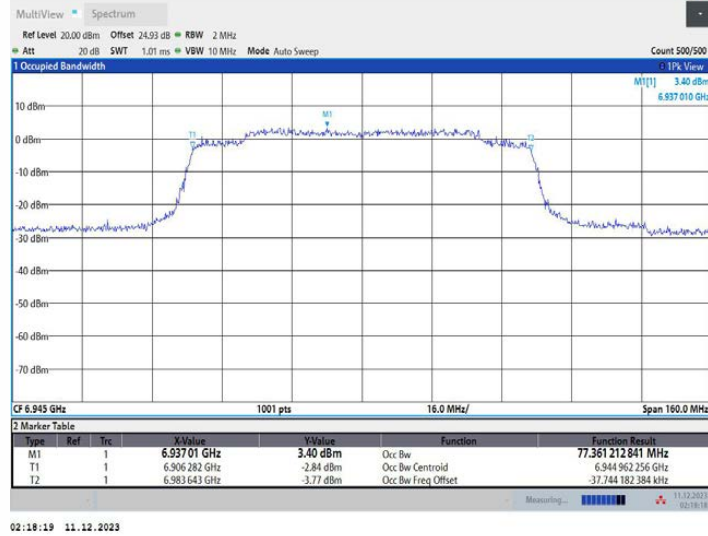
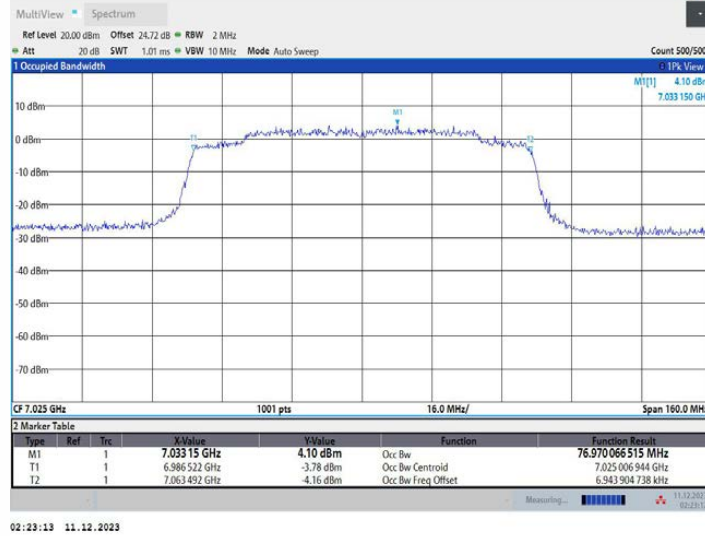




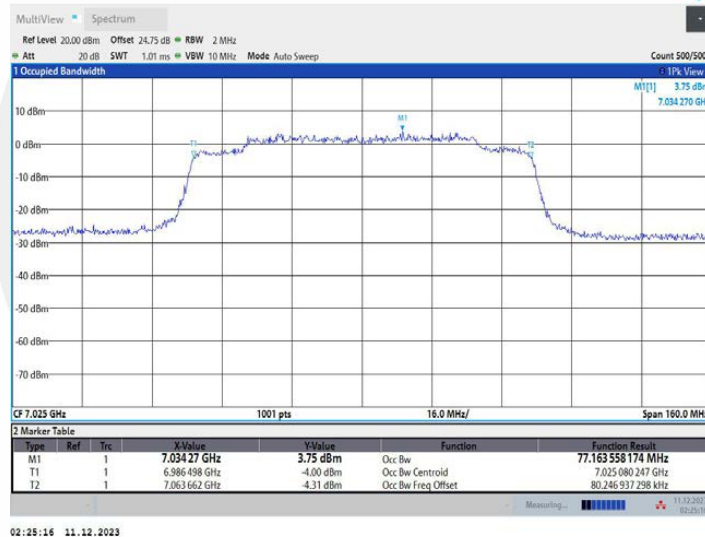
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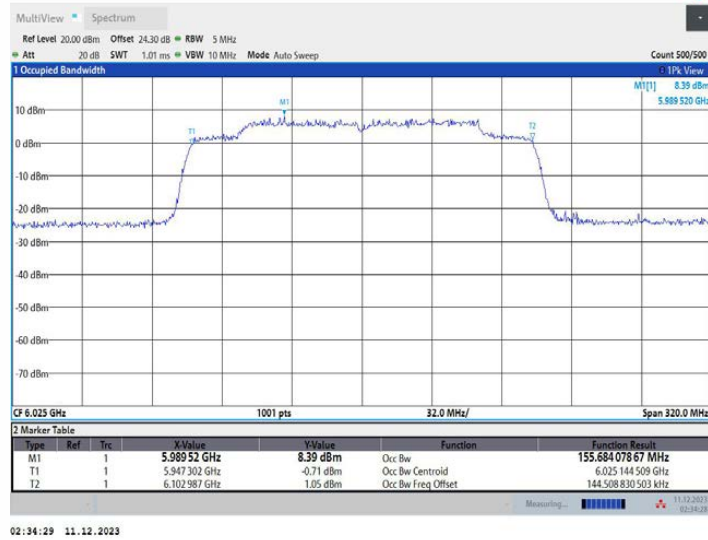
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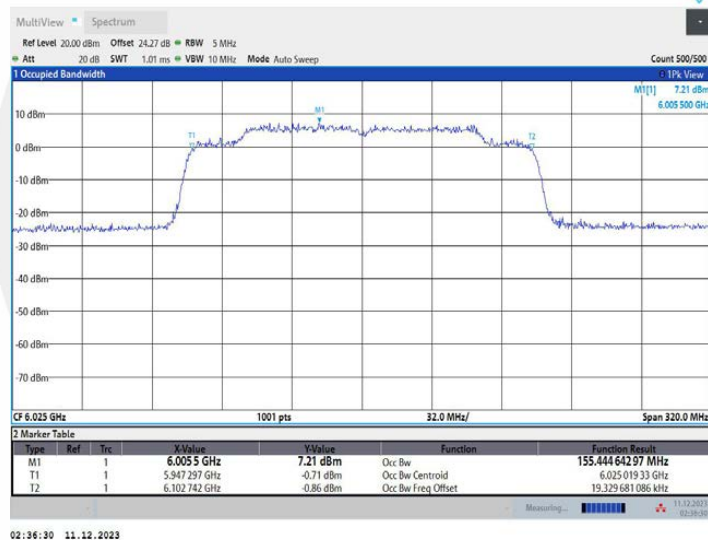
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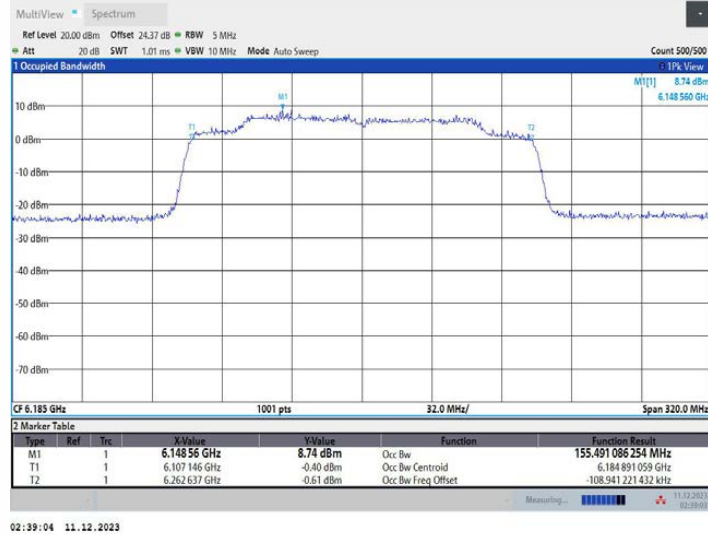
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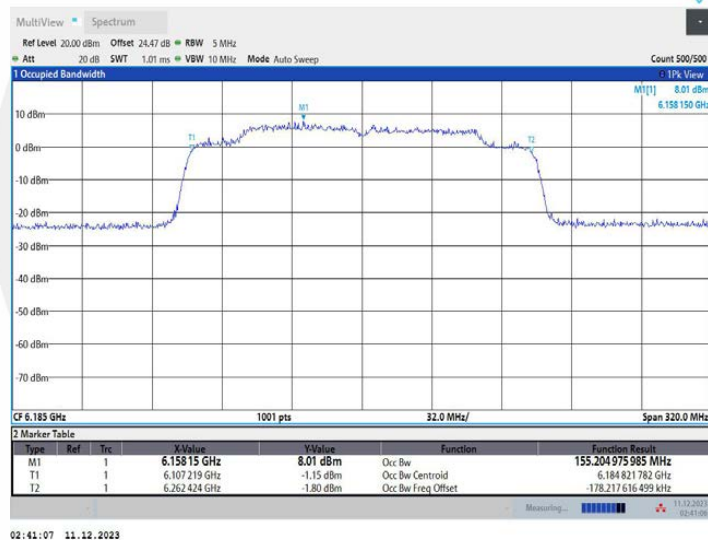
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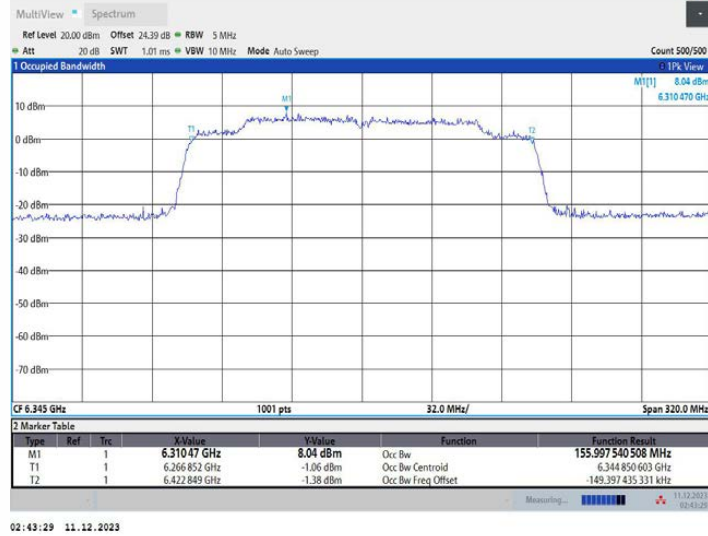
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11AX160MIMO_Ant1_6185



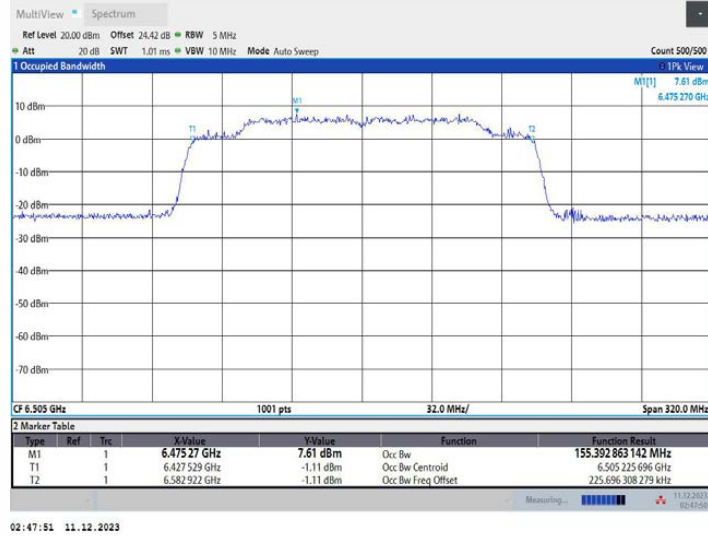
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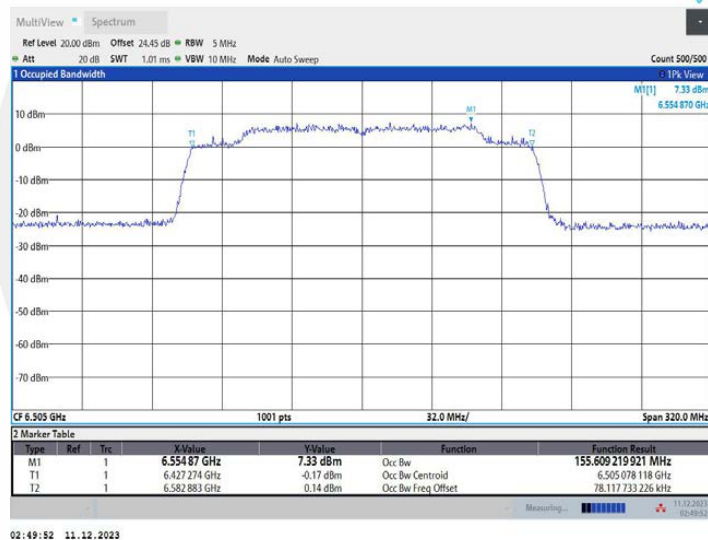
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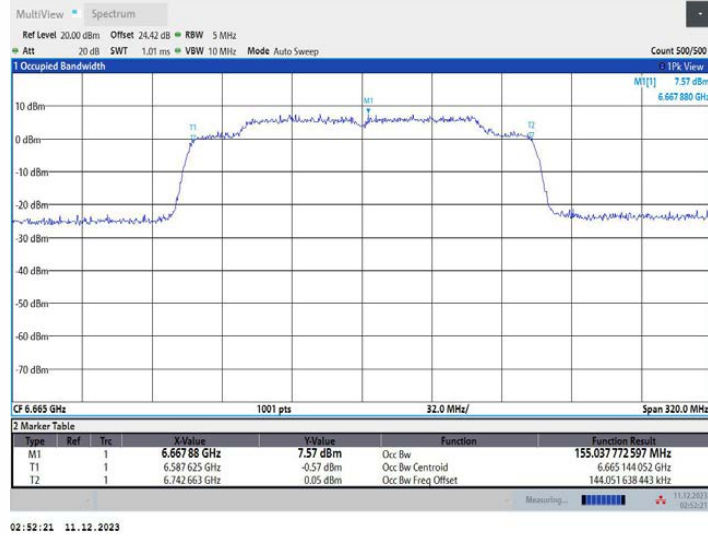
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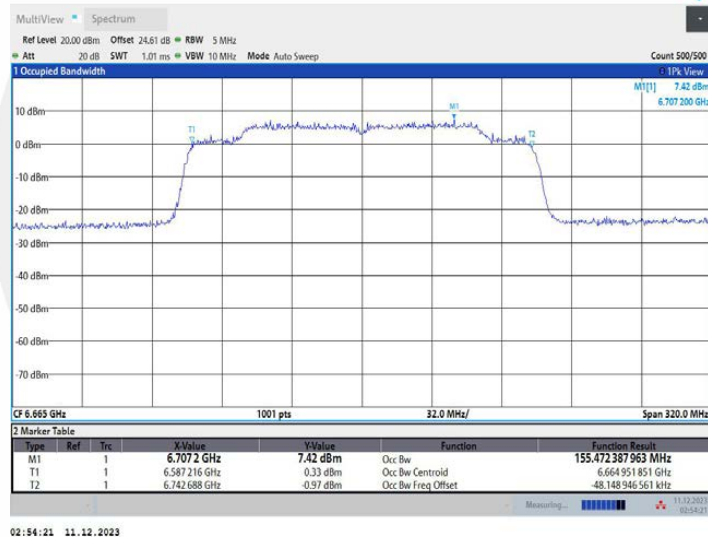
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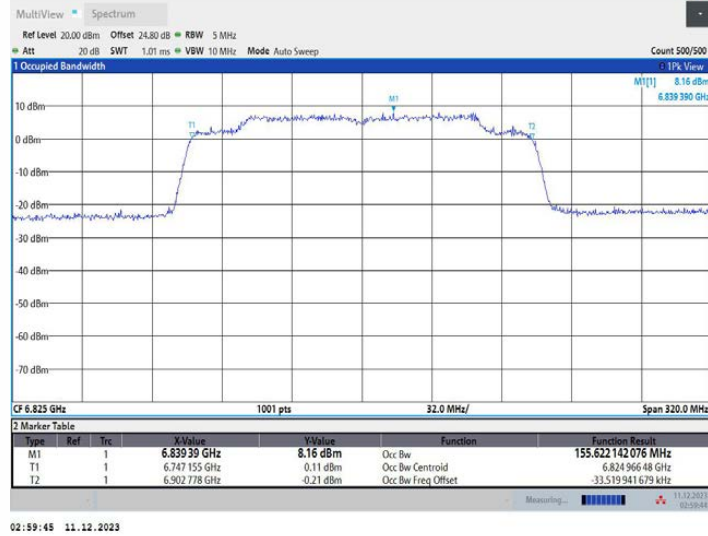
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11AX160MIMO_Ant1_6665



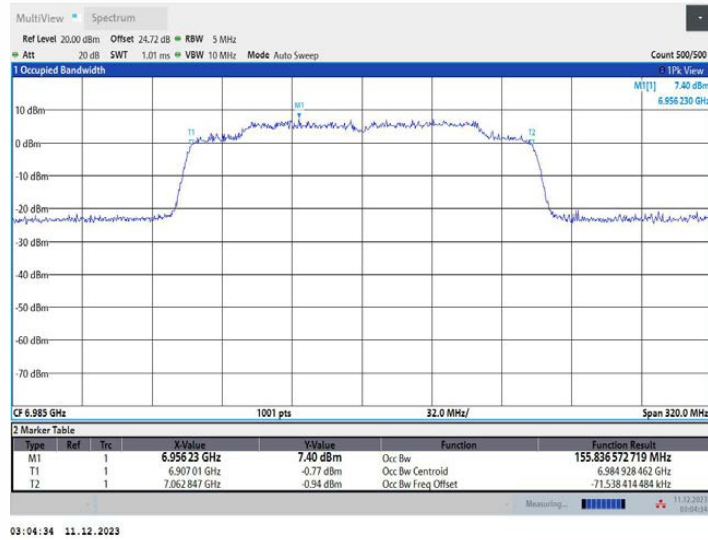
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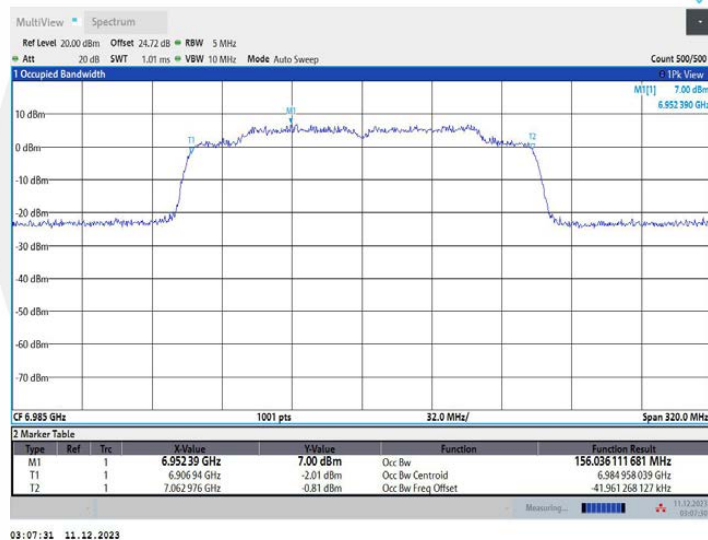
11AX160MIMO_Ant1_6825



11AX160MIMO_Ant2_6985



11AX160MIMO_Ant1_6985



8.2 MAXIMUM CONDUCTED OUTPUT POWER

8.2.1 Applicable Standard

According to FCC Part 15.407(a)
 According to 789033 D02 Section II.E.2.b)
 According to 987594 D02 Section II.E
 According to RSS-248 4.6

8.2.2 Conformance Limit

FCC Limit:

- For an **indoor access point(6ID)** operating in the 5.925-7.125 GHz band, the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm.
- For a **subordinate device(6PP)** operating under the control of an indoor access point in the 5.925-7.125GHz band, the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm.
- For an **indoor client device(6XD)** operating under the control of an indoor access point in the 5.925-7.125GHz band, the maximum e.i.r.p. over the frequency band of operation must not exceed 24 dBm.
- For a **Dual client device(6CD)** operating under the control of an indoor access point in the 5.925-7.125 GHz band, the maximum e.i.r.p. over the frequency band of operation must not exceed 24 dBm.
- For a **Dual client device(6CD)** operating under the control of an standard access point in the 5.925-7.125GHz band, the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm.

The limits are based upon the maximum antenna gain does not exceed 6 dBi.

If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

IC Limit:

- Other than client devices
 The maximum e.i.r.p. over the 5925-7125 MHz frequency band shall not exceed 30 dBm.
- Client devices
 The maximum e.i.r.p. over the 5925-7125 MHz frequency band shall not exceed 24 dBm.

The limits are based upon the maximum antenna gain does not exceed 6 dBi.

If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

8.2.3 Test Configuration

Test according to clause 7.1 radio frequency test setup

8.2.4 Test Procedure

Method SA-2 (trace averaging across on and off times of the EUT transmissions, followed by duty cycle correction).

- (i) Measure the duty cycle, x, of the transmitter output signal.
- (ii) Set span to encompass the EBW (or the entire 99% occupied bandwidth) of the signal.
- (iii) Set RBW = 1 MHz.
- (iv) Set VBW $\geq$ 3 MHz.
- (v) Number of points in sweep $\geq 2 \times \text{span} / \text{RBW}$. (This ensures that bin-to-bin spacing is $\leq \text{RBW}/2$, so that narrowband signals are not lost between frequency bins.)
- (vi) Sweep time = auto.
- (vii) Detector = power averaging (rms).
- (viii) Do not use sweep triggering. Allow the sweep to "free run."
- (ix) Trace average at least 100 traces in power averaging (rms) mode; however, the number of traces to be averaged shall be increased above 100 as needed to ensure that the average accurately represents the true average over the on and off periods of the transmitter.
- (x) Compute power by integrating the spectrum across the EBW (or the entire 99% occupied bandwidth)

of the signal using the instrument's band power measurement function with band limits set equal to the EBW (or occupied bandwidth) band edges. If the instrument does not have a band power function, sum the spectrum levels (in power units) at 1 MHz intervals extending across the EBW (or the entire 99% occupied bandwidth) of the signal.

- (xi) Add $10 \log (1/x)$, where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times (because the measurement represents an average over both the on and off times of the transmission). For example, add $10 \log (1/0.25) = 6 \text{ dB}$ if the duty cycle is 25%.

8.2.5 Test Results

PASS

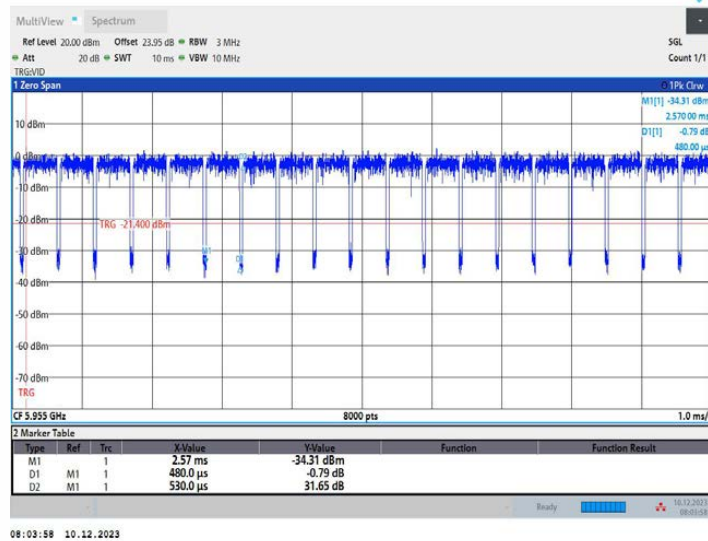
Temperature :	25 °C	ATM Pressure:	1011 mbar
Humidity :	60 %	Test Engineer:	XXH



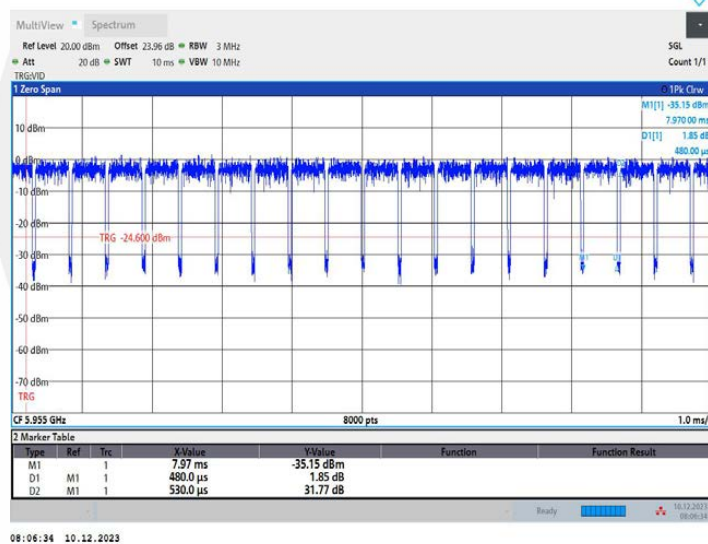
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11AX20MIMO	Ant2	5955	0.48	0.53	90.57
	Ant1	5955	0.48	0.53	90.57
	Ant2	6175	0.47	0.52	90.38
	Ant1	6175	0.48	0.52	92.31
	Ant2	6415	0.48	0.53	90.57
	Ant1	6415	0.47	0.52	90.38
	Ant2	6435	0.48	0.53	90.57
	Ant1	6435	0.47	0.52	90.38
	Ant2	6475	0.48	0.52	92.31
	Ant1	6475	0.48	0.53	90.57
	Ant2	6515	0.47	0.52	90.38
	Ant1	6515	0.47	0.52	90.38
	Ant2	6535	0.47	0.52	90.38
	Ant1	6535	0.47	0.52	90.38
	Ant2	6695	0.48	0.53	90.57
	Ant1	6695	0.47	0.52	90.38
	Ant2	6855	0.48	0.52	92.31
	Ant1	6855	0.48	0.53	90.57
	Ant2	6875	0.48	0.52	92.31
	Ant1	6875	0.47	0.52	90.38
	Ant2	6895	0.47	0.52	90.38
	Ant1	6895	0.48	0.53	90.57
	Ant2	6995	0.48	0.53	90.57
	Ant1	6995	0.47	0.52	90.38
	Ant2	7115	0.47	0.52	90.38
	Ant1	7115	0.48	0.53	90.57
11AX40MIMO	Ant2	5965	0.30	0.35	85.71
	Ant1	5965	0.30	0.35	85.71
	Ant2	6165	0.29	0.34	85.29
	Ant1	6165	0.30	0.35	85.71
	Ant2	6405	0.30	0.35	85.71
	Ant1	6405	0.30	0.35	85.71
	Ant2	6445	0.30	0.35	85.71
	Ant1	6445	0.30	0.35	85.71
	Ant2	6485	0.29	0.34	85.29
	Ant1	6485	0.30	0.35	85.71
	Ant2	6525	0.29	0.34	85.29
	Ant1	6525	0.30	0.35	85.71
	Ant2	6565	0.30	0.35	85.71
	Ant1	6565	0.30	0.35	85.71
	Ant2	6685	0.30	0.35	85.71
	Ant1	6685	0.30	0.35	85.71
	Ant2	6845	0.30	0.34	88.24
	Ant1	6845	0.30	0.34	88.24
	Ant2	6885	0.30	0.35	85.71
	Ant1	6885	0.30	0.35	85.71
	Ant2	6925	0.30	0.34	88.24
	Ant1	6925	0.30	0.35	85.71
	Ant2	6965	0.29	0.34	85.29
	Ant1	6965	0.30	0.35	85.71
	Ant2	7085	0.30	0.35	85.71
	Ant1	7085	0.30	0.35	85.71
11AX80MIMO	Ant2	5985	0.30	0.35	85.71
	Ant1	5985	0.30	0.34	88.24
	Ant2	6145	0.30	0.35	85.71
	Ant1	6145	0.30	0.35	85.71
	Ant2	6385	0.30	0.35	85.71
	Ant1	6385	0.30	0.35	85.71

	Ant2	6465	0.29	0.34	85.29
	Ant1	6465	0.30	0.35	85.71
	Ant2	6545	0.30	0.35	85.71
	Ant1	6545	0.30	0.35	85.71
	Ant2	6625	0.29	0.34	85.29
	Ant1	6625	0.30	0.35	85.71
	Ant2	6705	0.30	0.35	85.71
	Ant1	6705	0.30	0.35	85.71
	Ant2	6785	0.29	0.34	85.29
	Ant1	6785	0.30	0.35	85.71
	Ant2	6865	0.30	0.35	85.71
	Ant1	6865	0.30	0.34	88.24
	Ant2	6945	0.30	0.35	85.71
	Ant1	6945	0.30	0.35	85.71
	Ant2	7025	0.30	0.35	85.71
	Ant1	7025	0.29	0.34	85.29
11AX160MIMO	Ant2	6025	0.30	0.35	85.71
	Ant1	6025	0.30	0.35	85.71
	Ant2	6185	0.30	0.35	85.71
	Ant1	6185	0.30	0.35	85.71
	Ant2	6345	0.30	0.35	85.71
	Ant1	6345	0.30	0.35	85.71
	Ant2	6505	0.30	0.34	88.24
	Ant1	6505	0.29	0.34	85.29
	Ant2	6665	0.30	0.35	85.71
	Ant1	6665	0.30	0.35	85.71
	Ant2	6825	0.30	0.35	85.71
	Ant1	6825	0.29	0.34	85.29
	Ant2	6985	0.30	0.35	85.71
	Ant1	6985	0.29	0.34	85.29

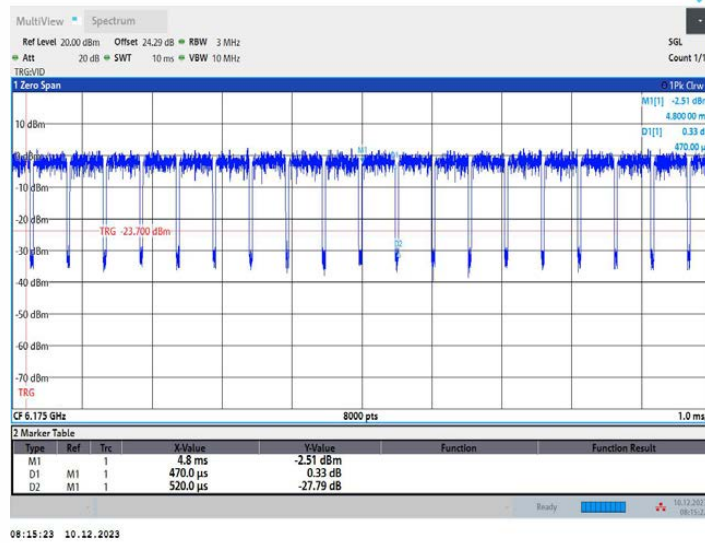
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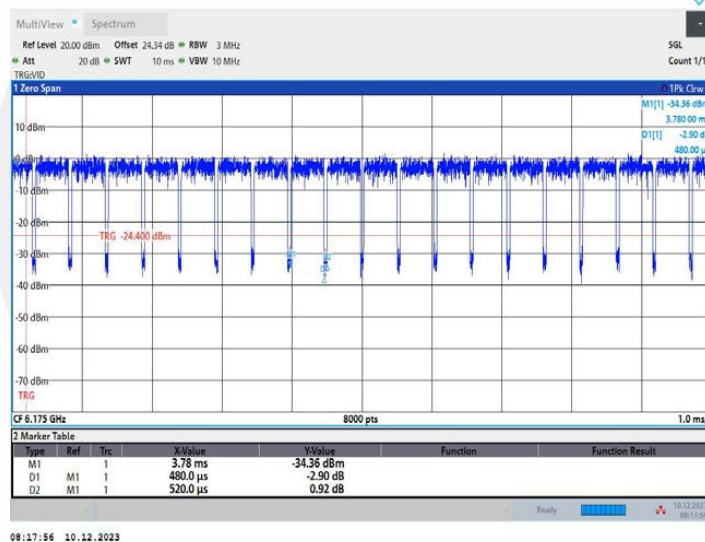
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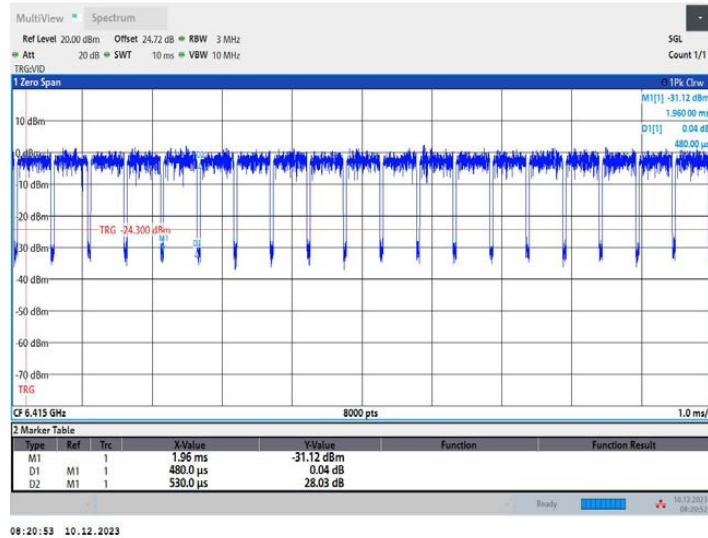
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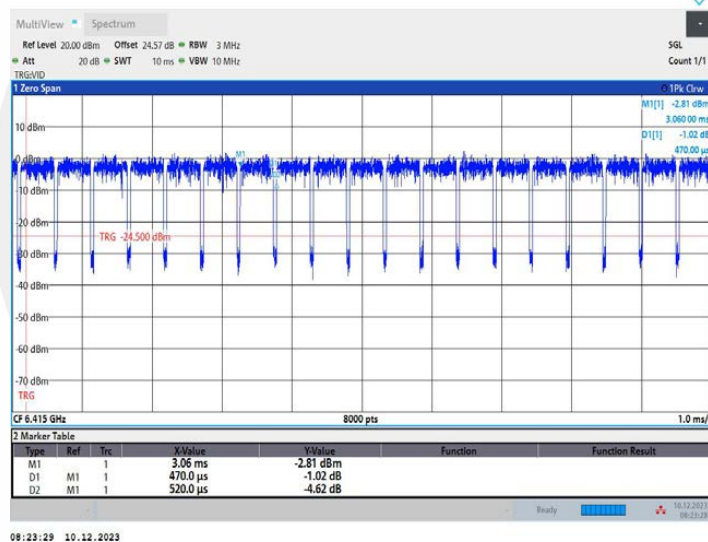
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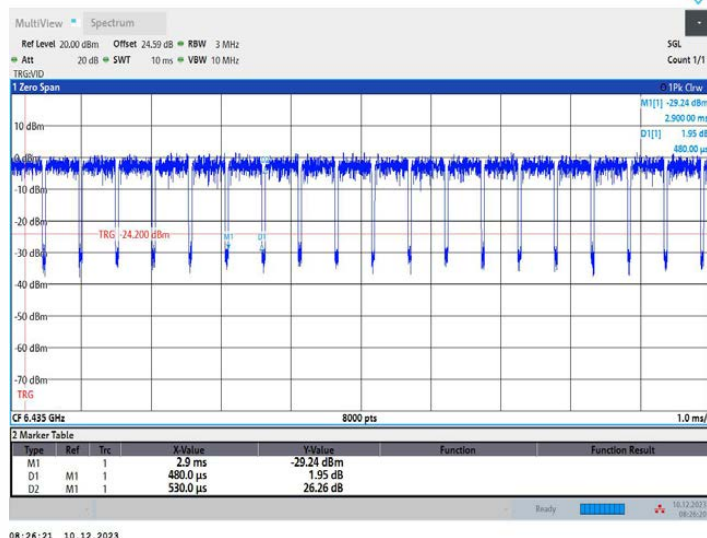
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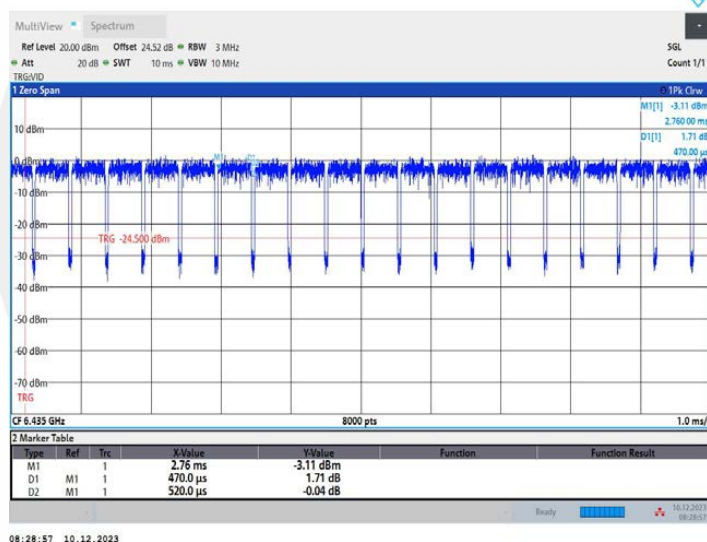
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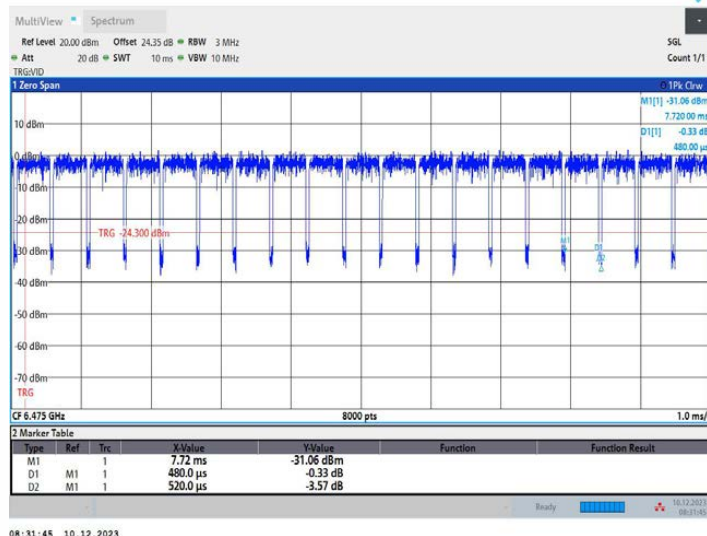
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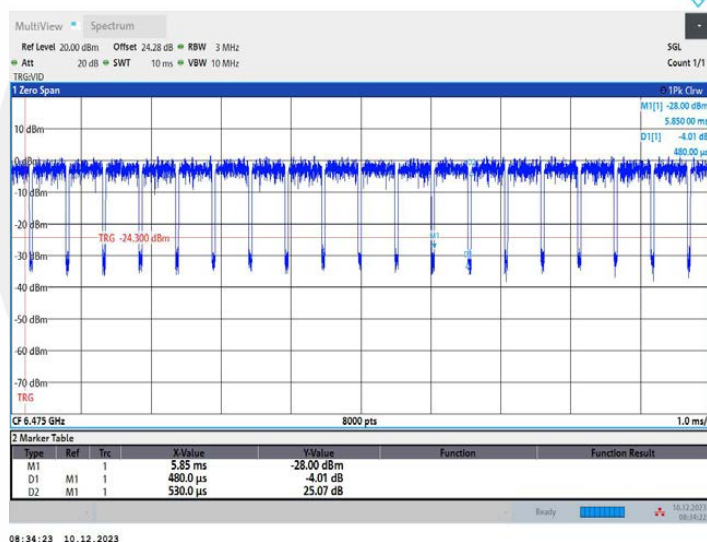
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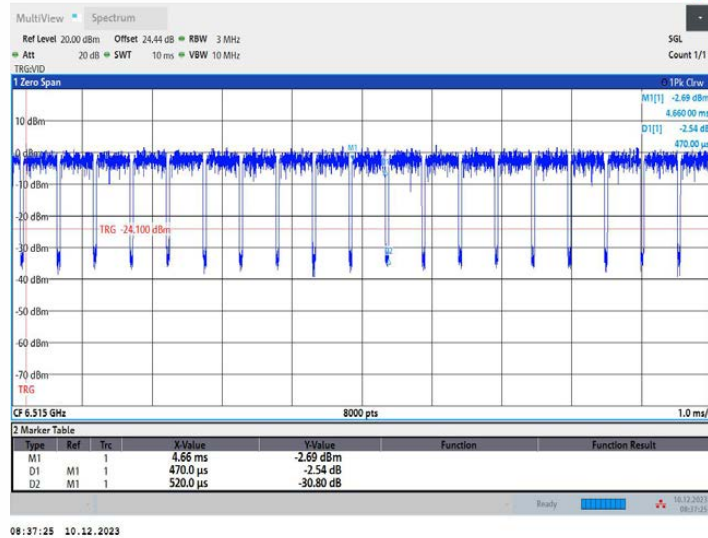
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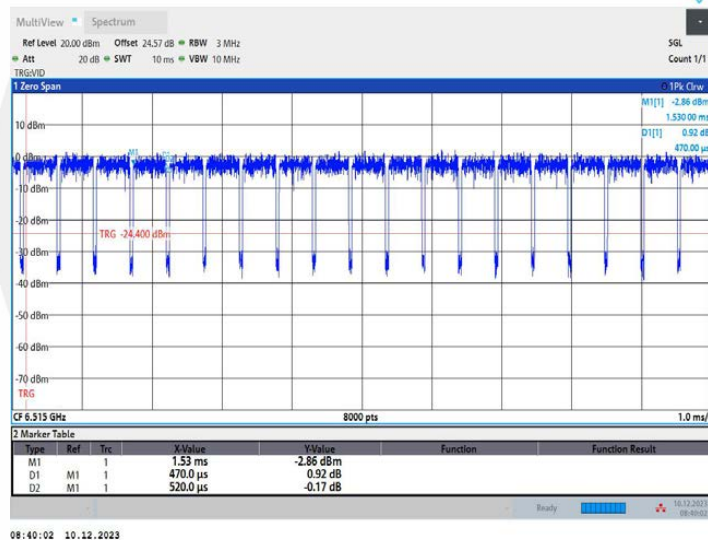
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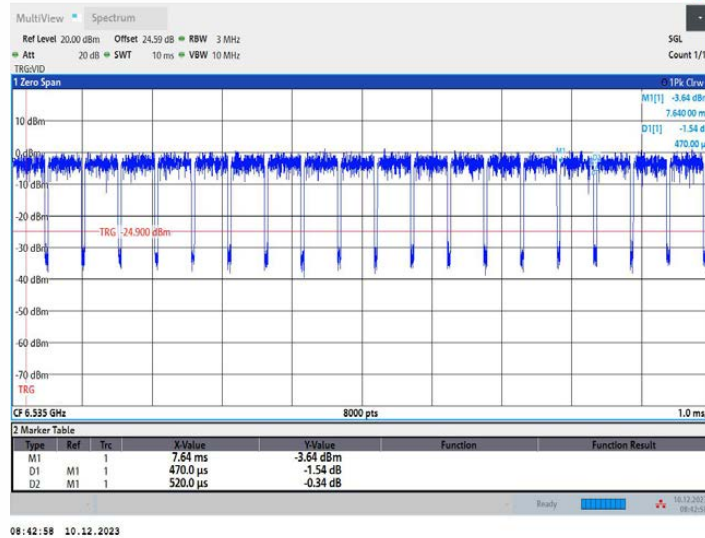
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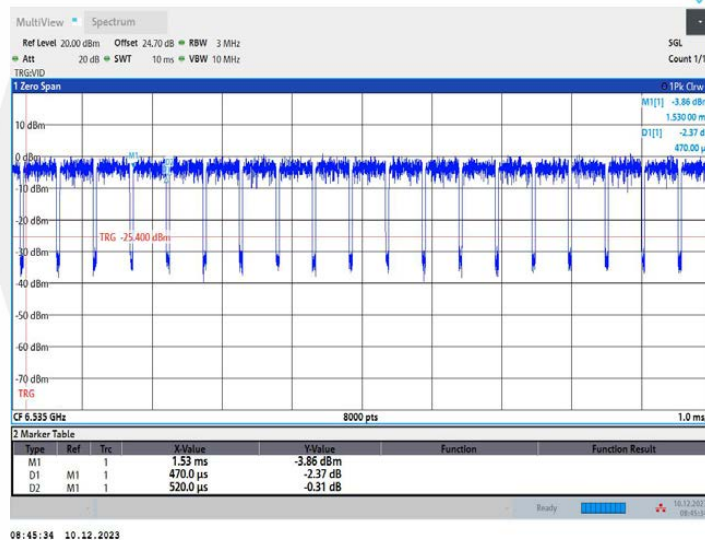
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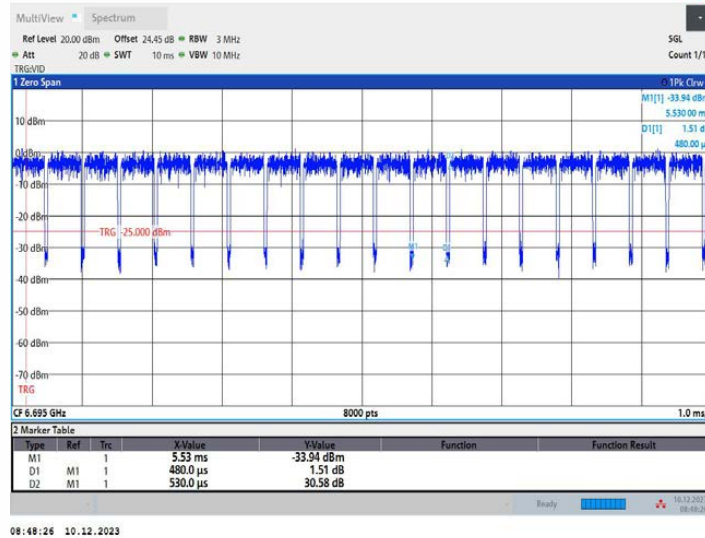
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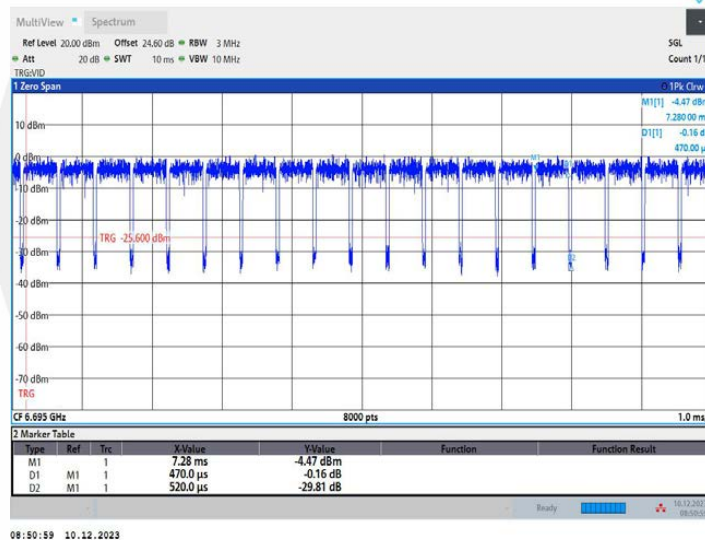
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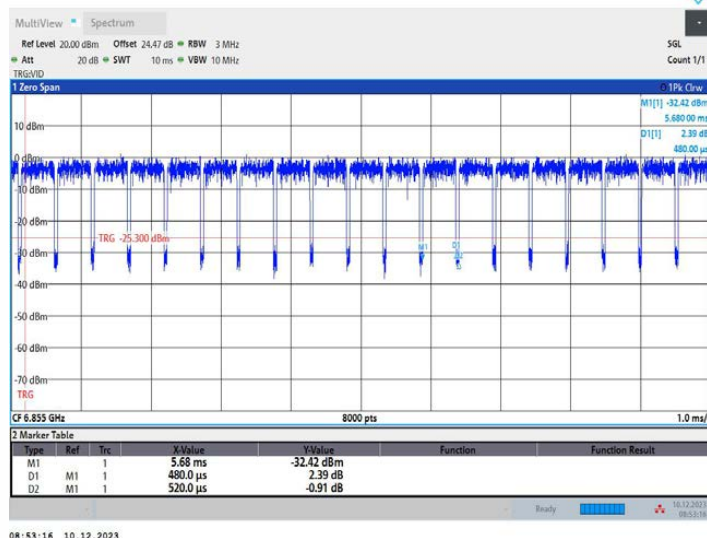
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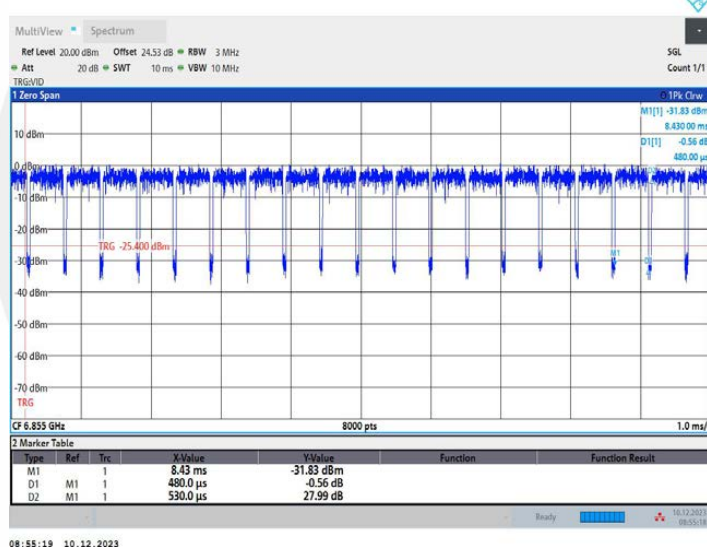
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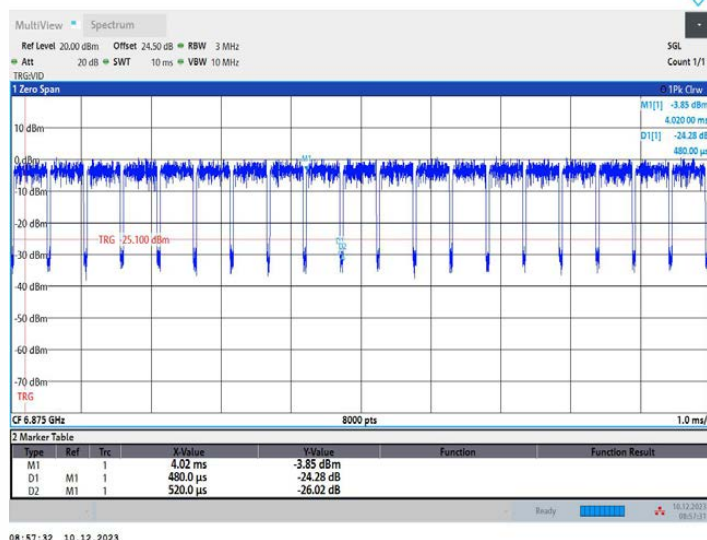
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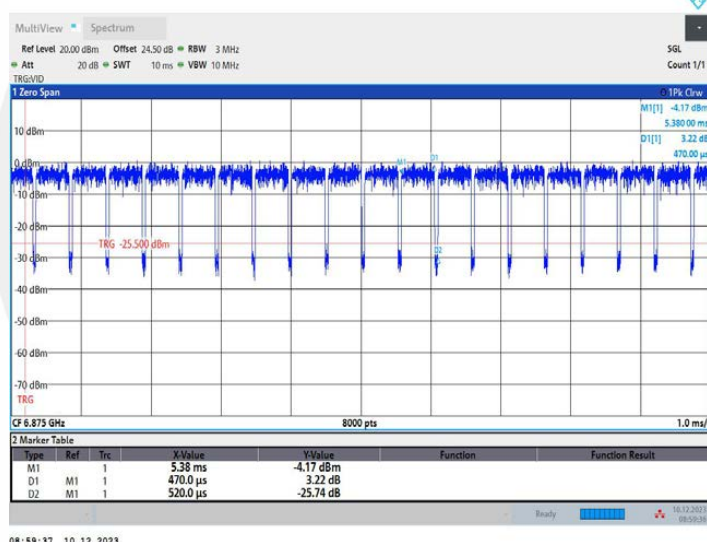
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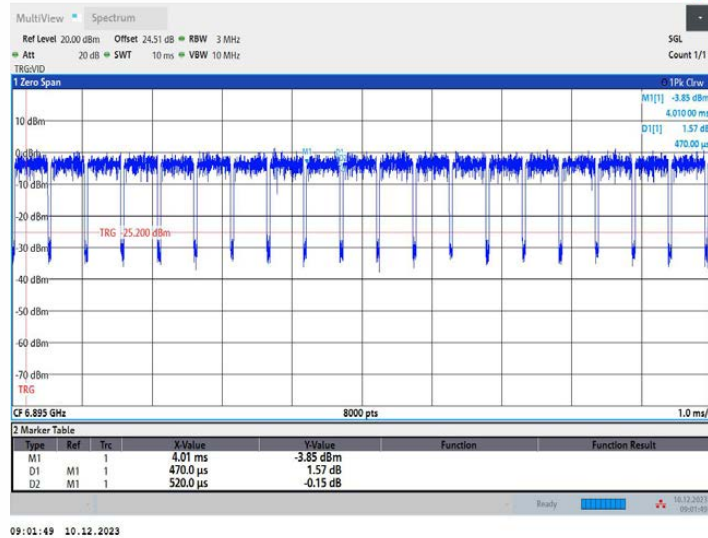
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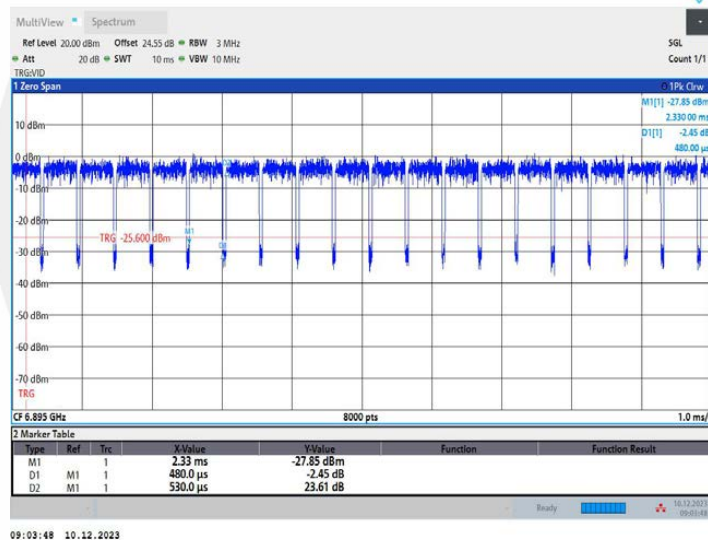
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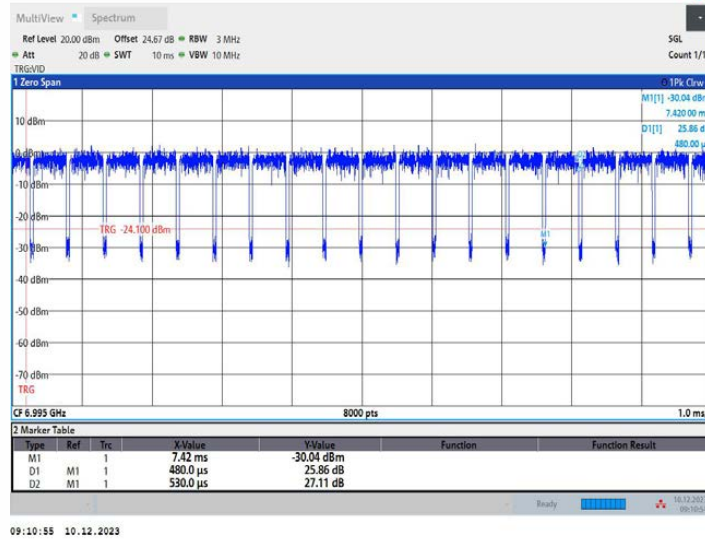
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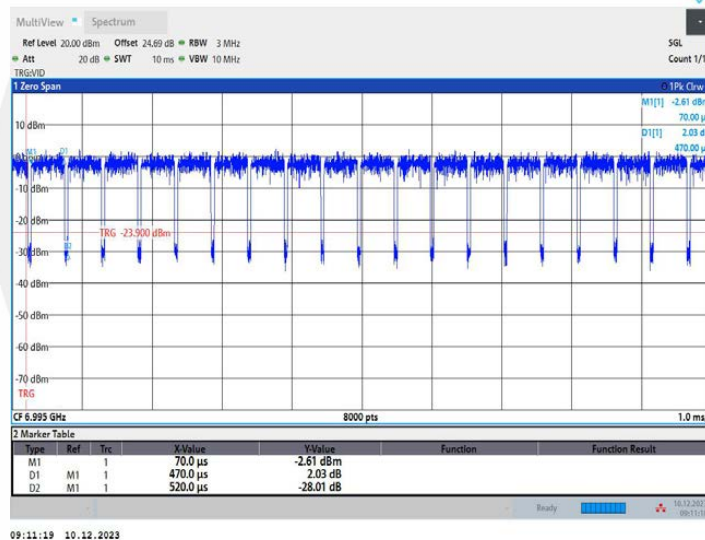
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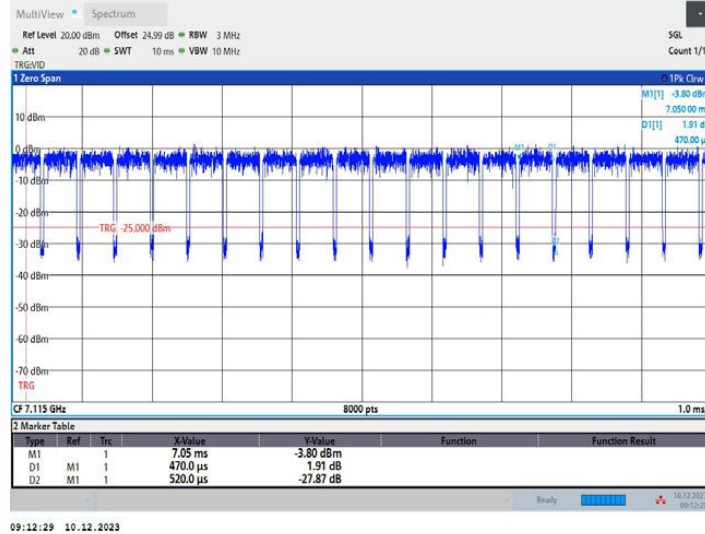
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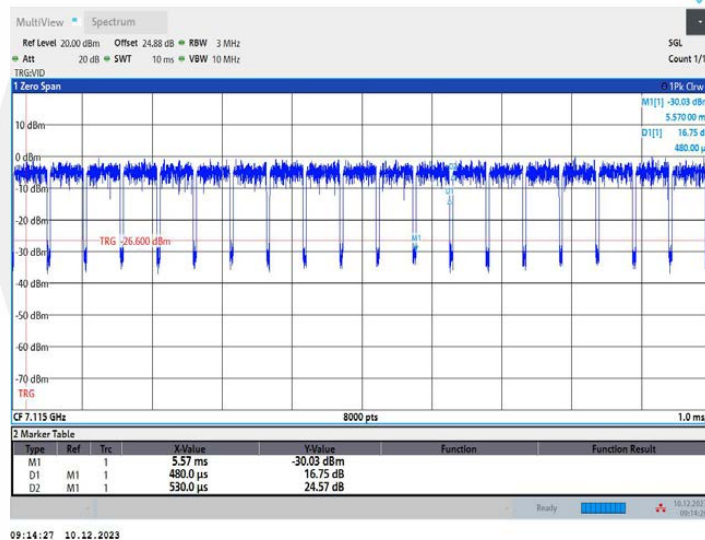
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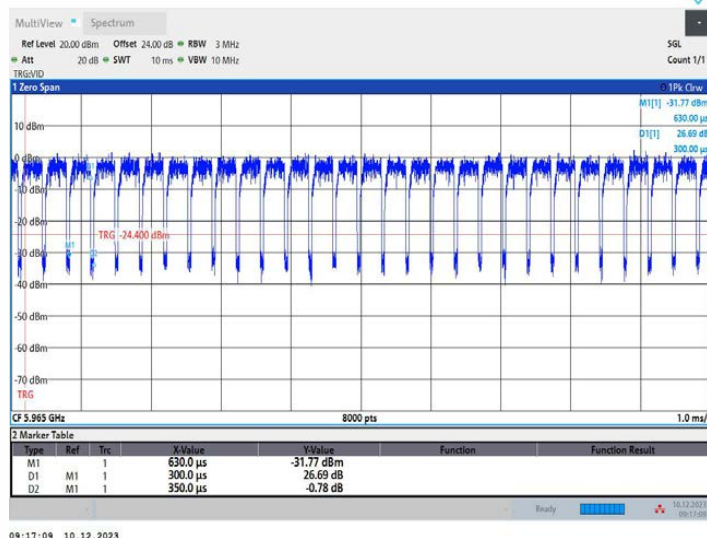
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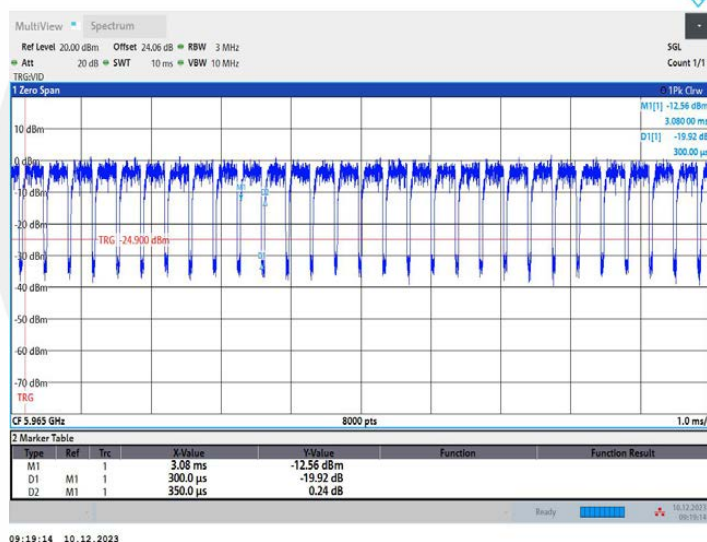
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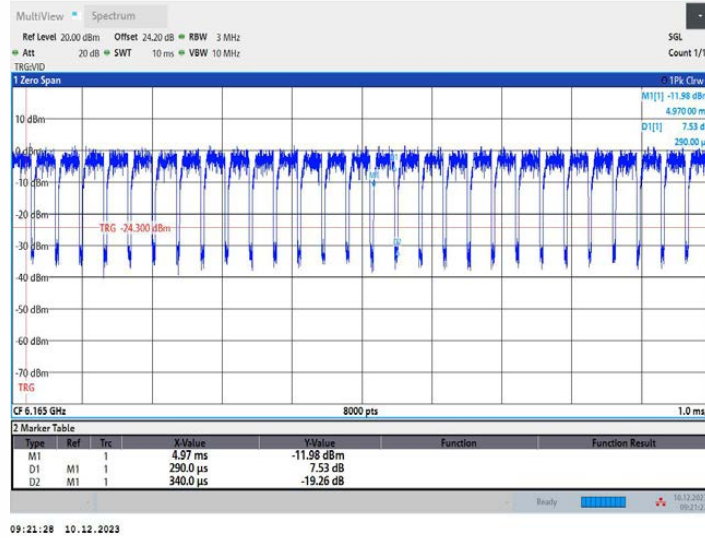
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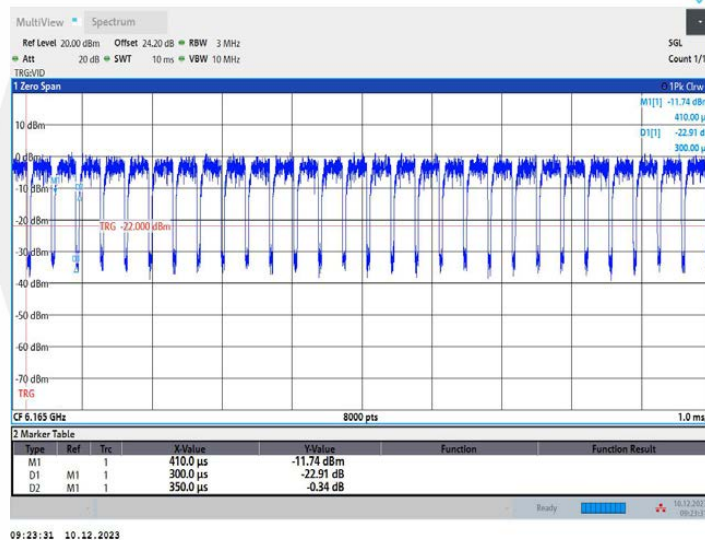
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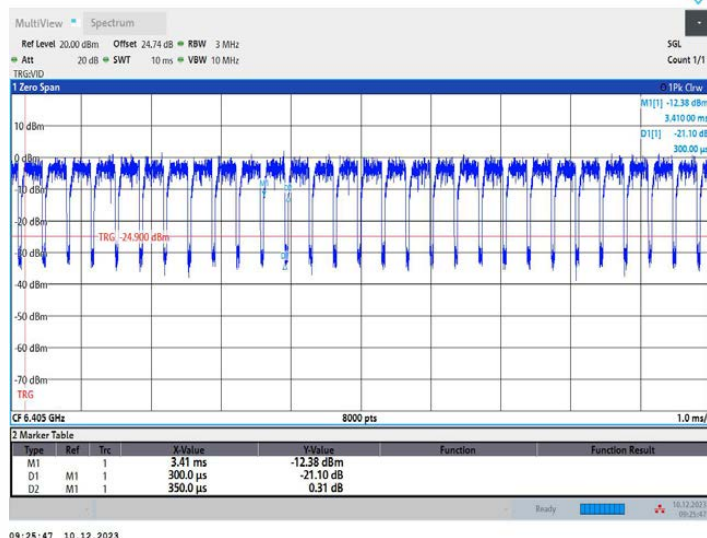
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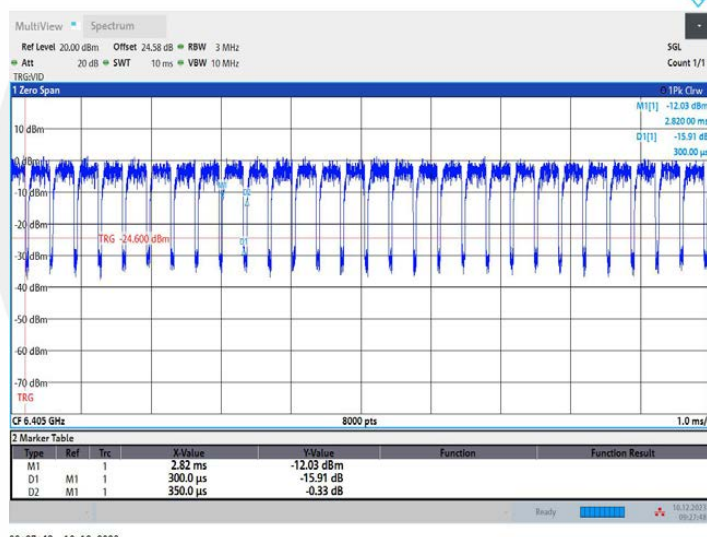


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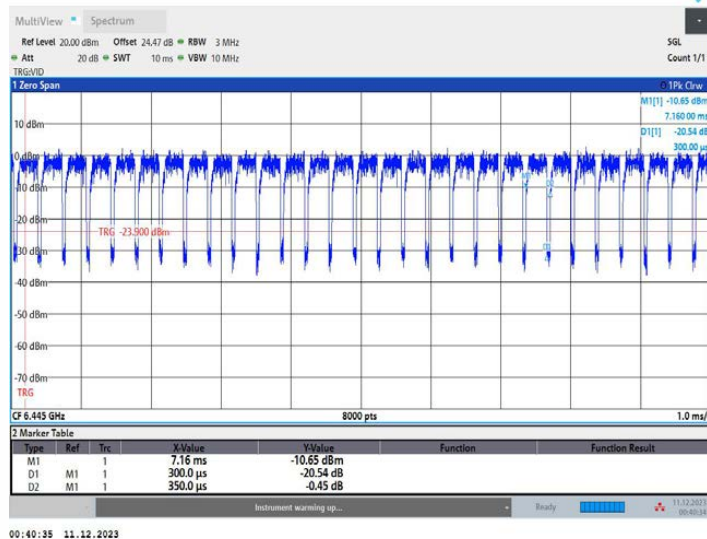
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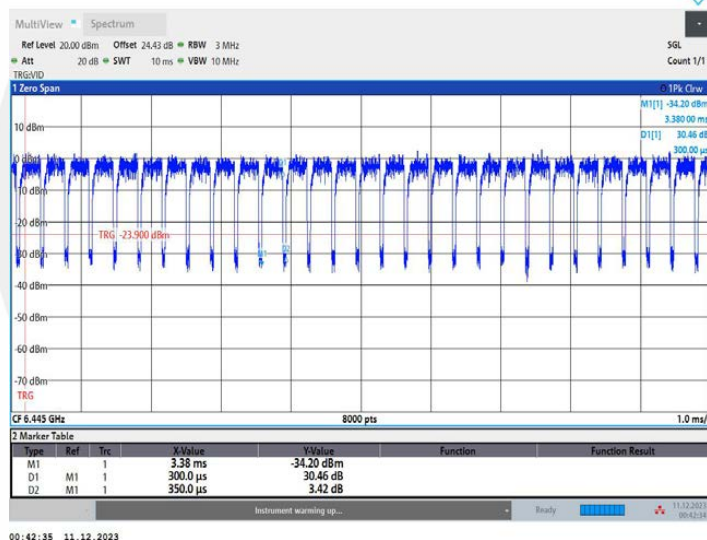


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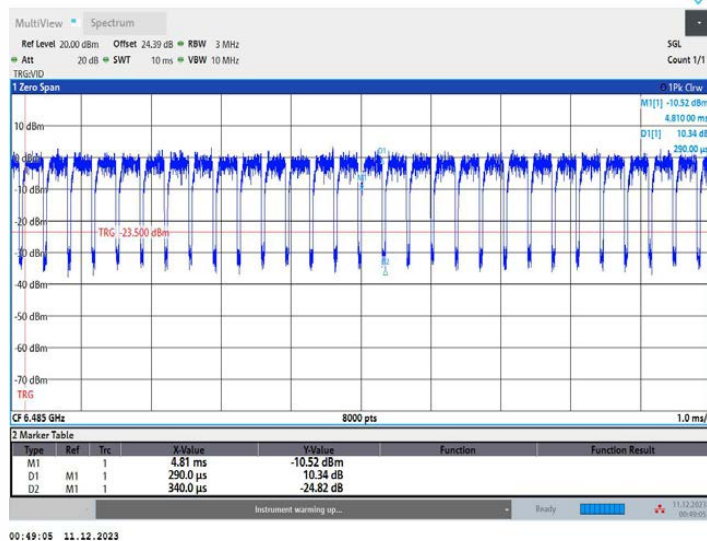
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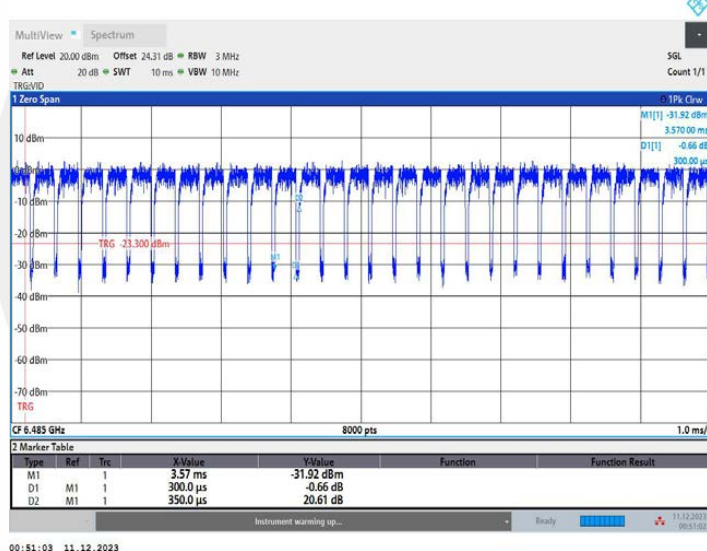
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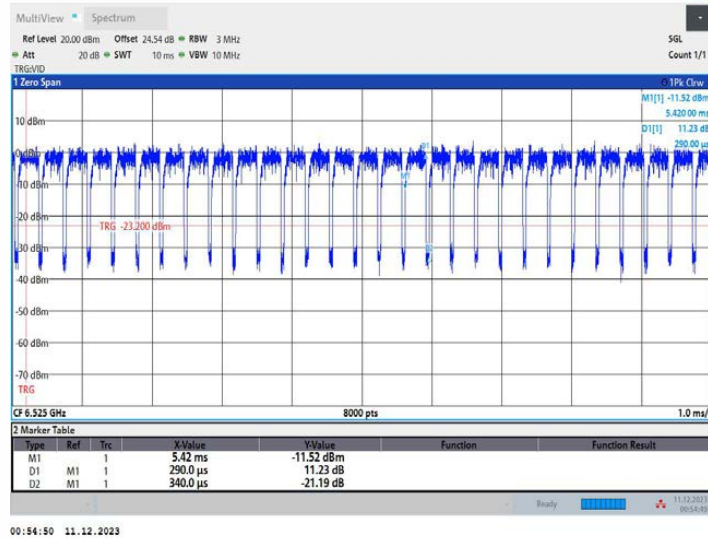
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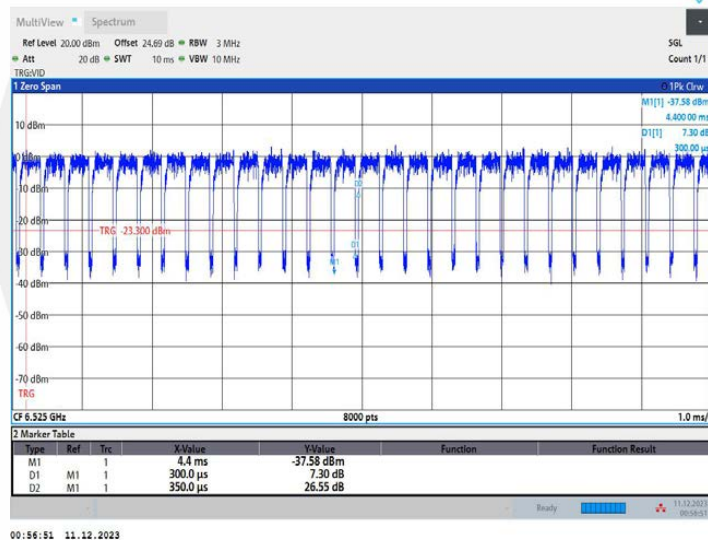
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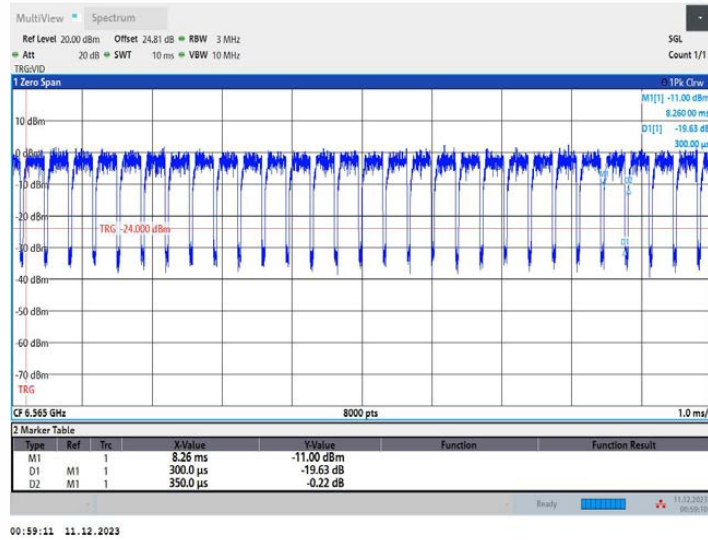
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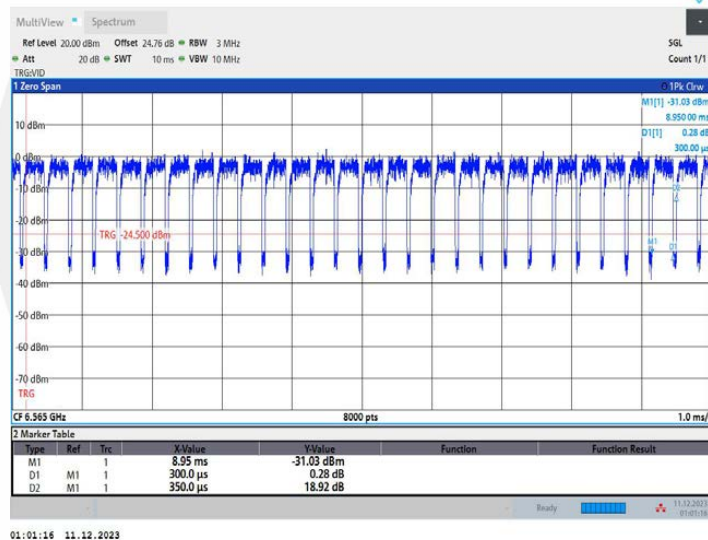
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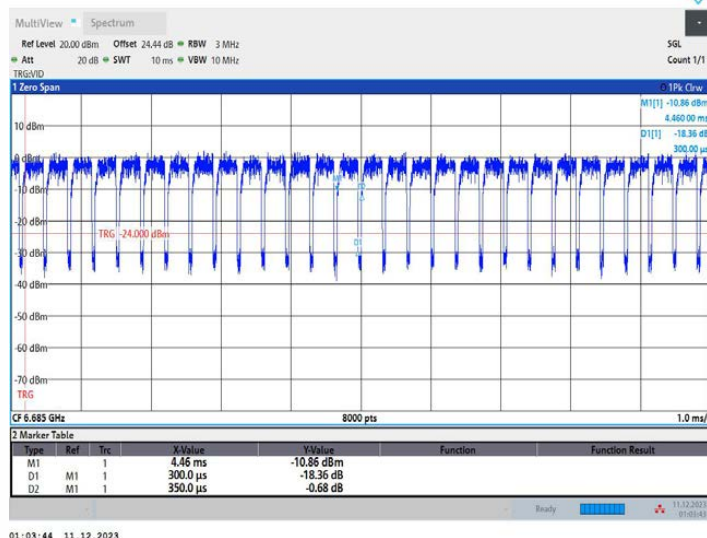
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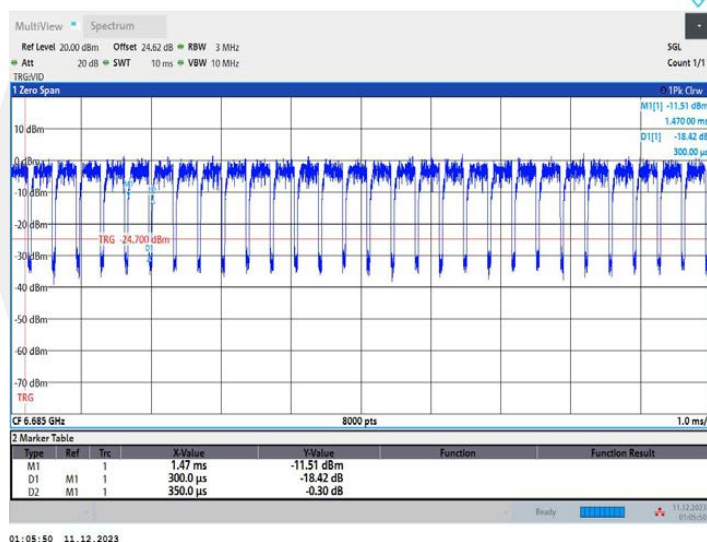
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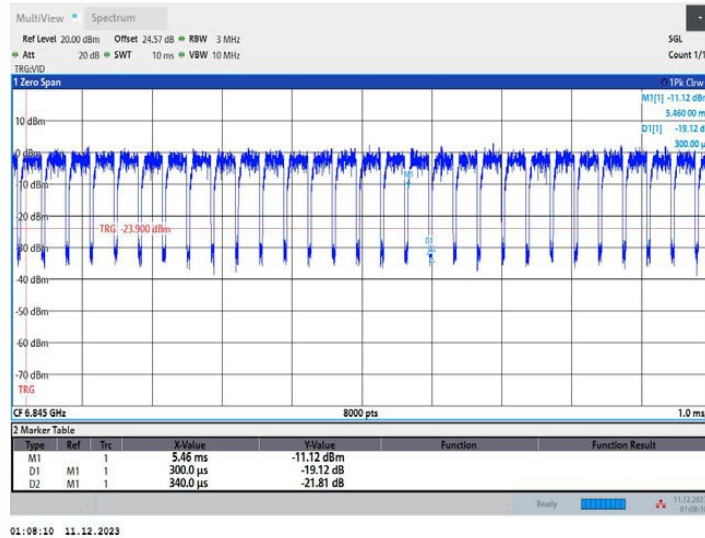
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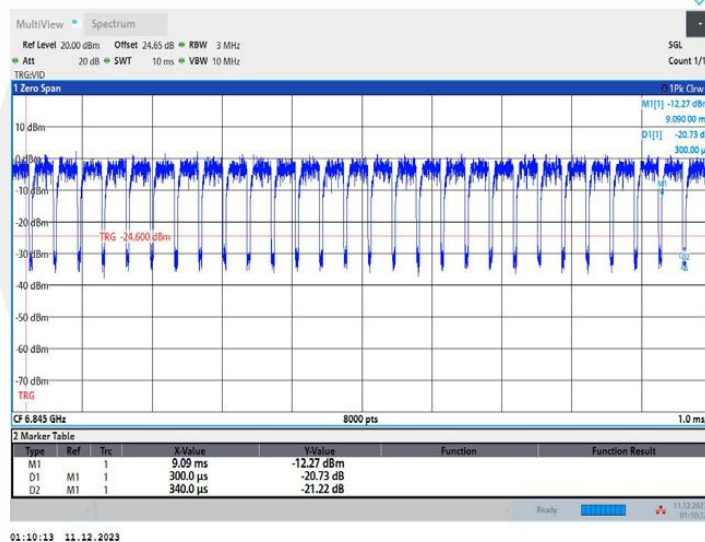
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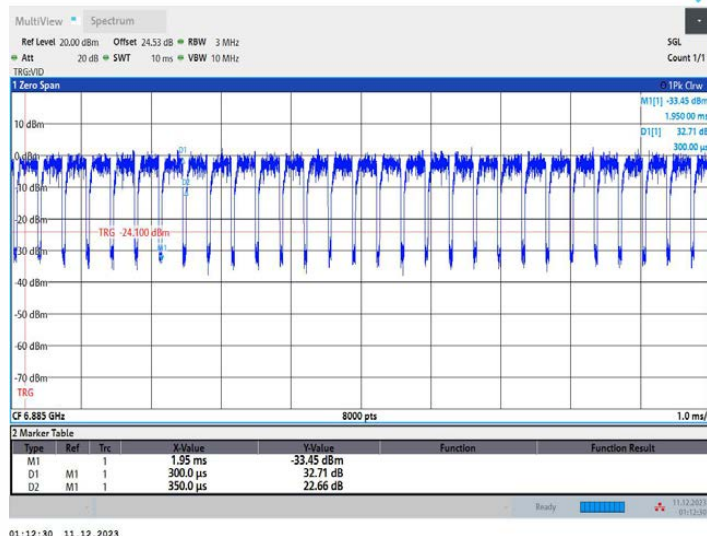
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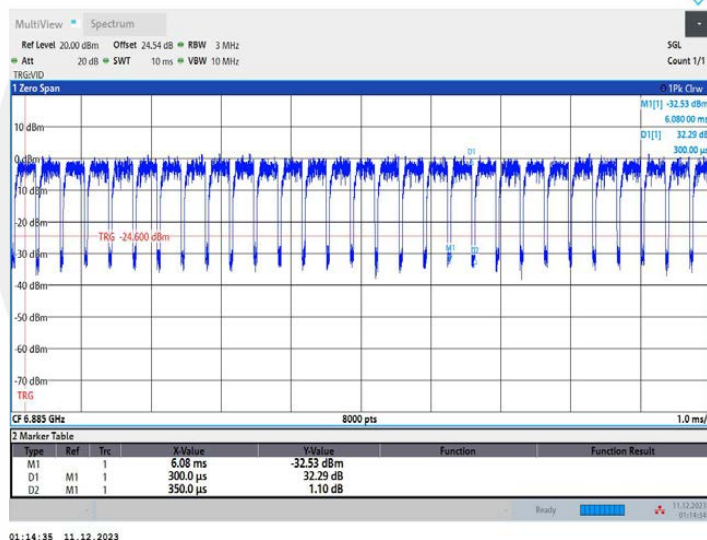
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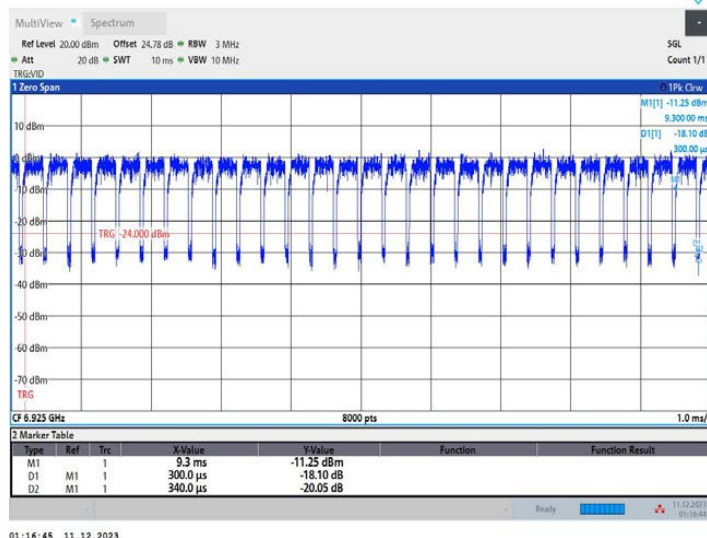
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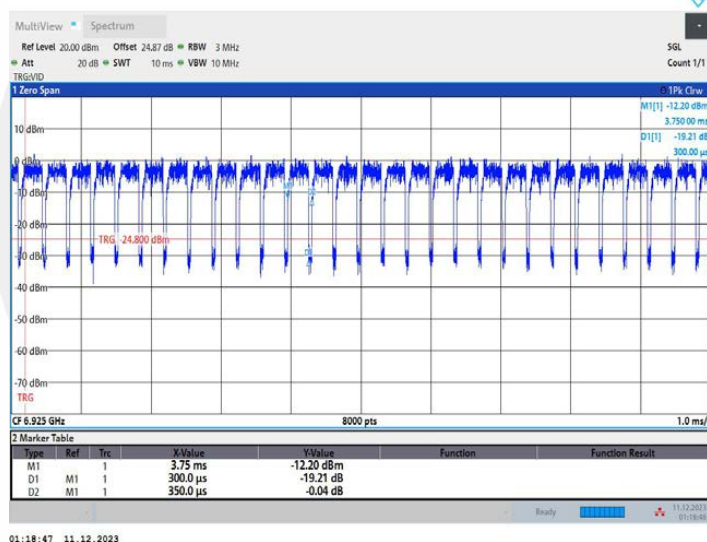
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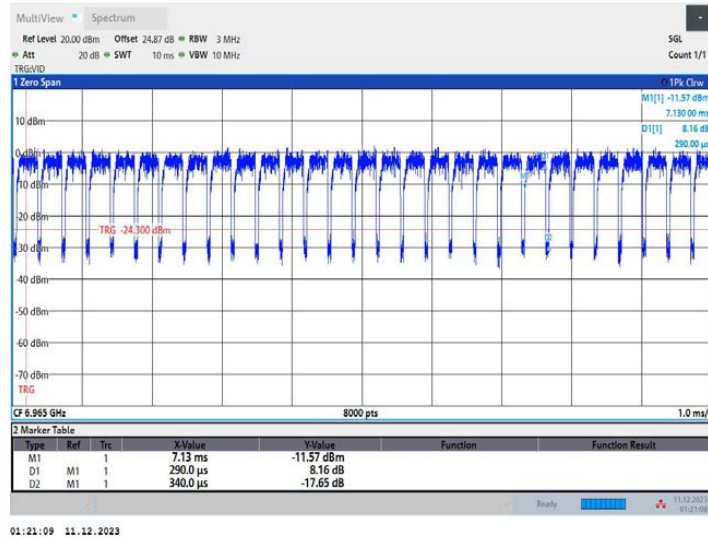
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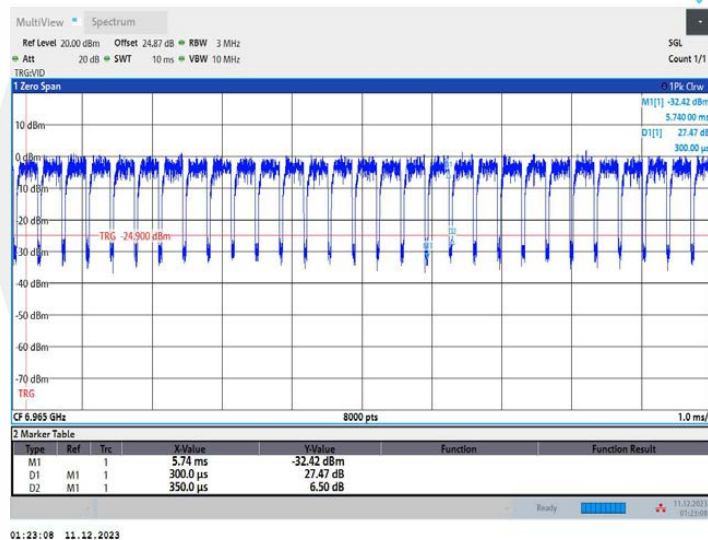
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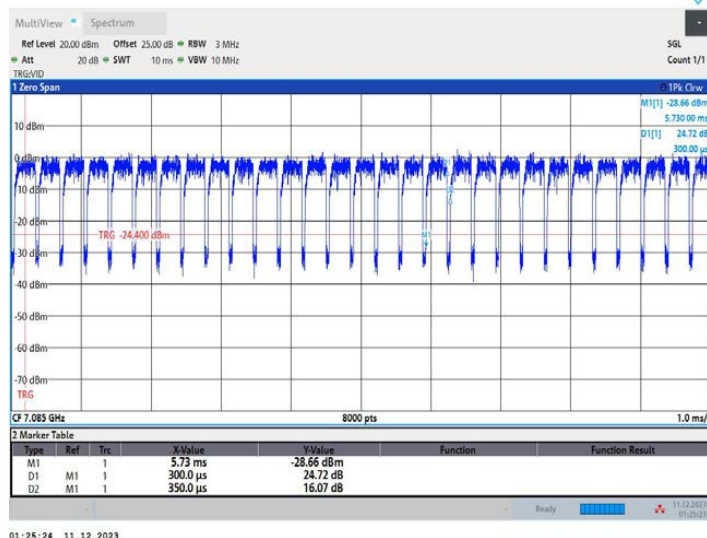
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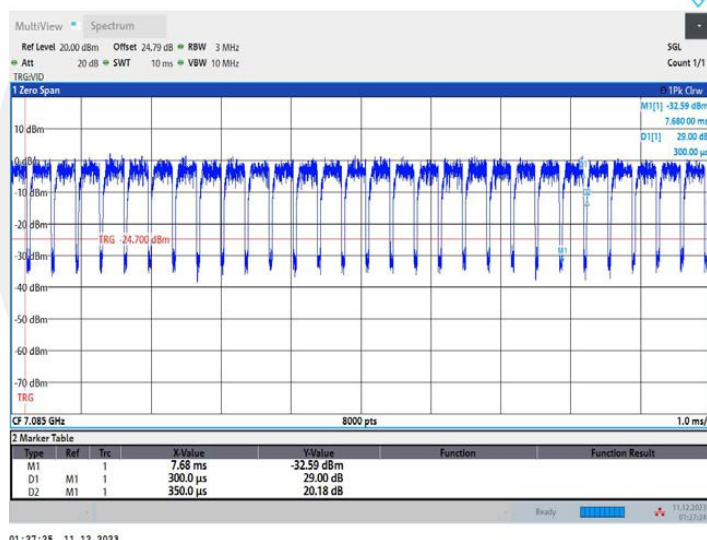
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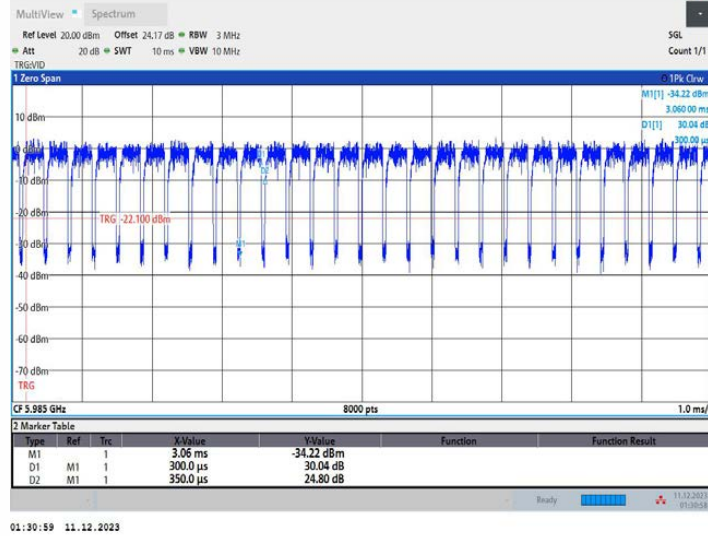
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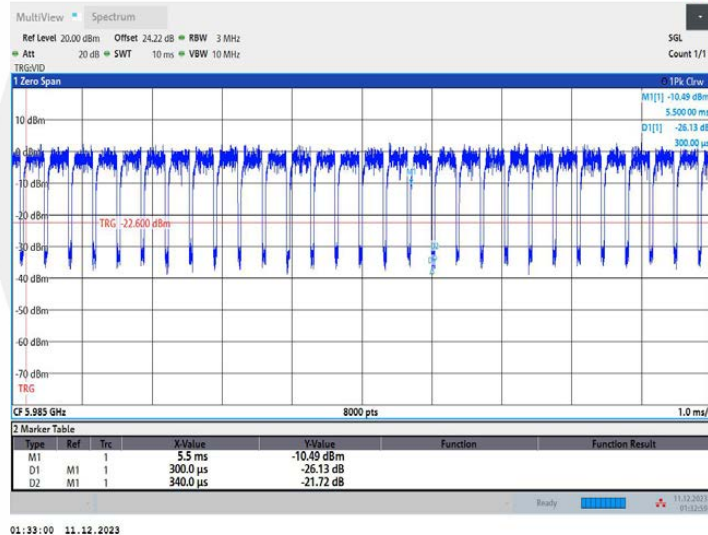
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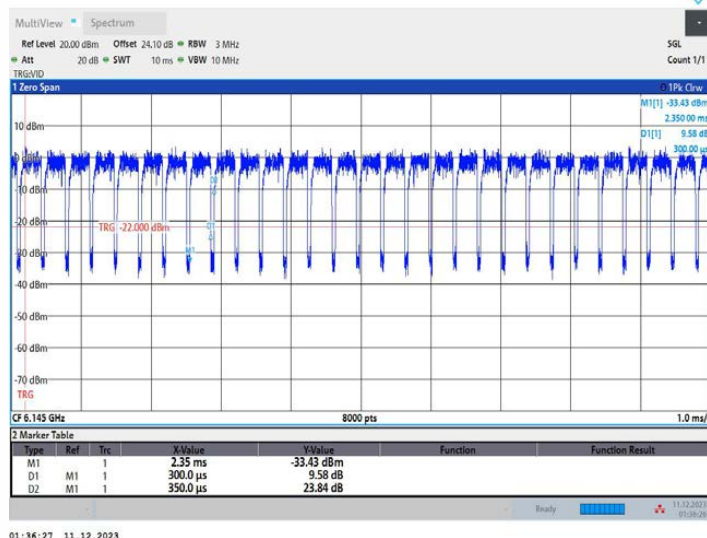
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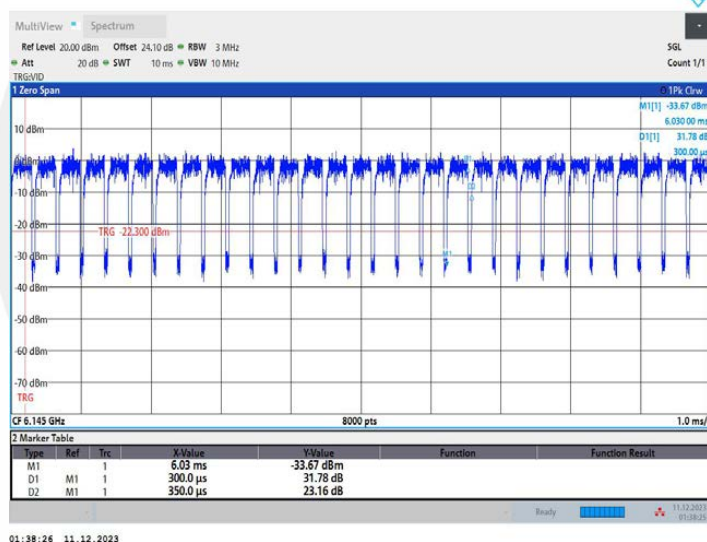
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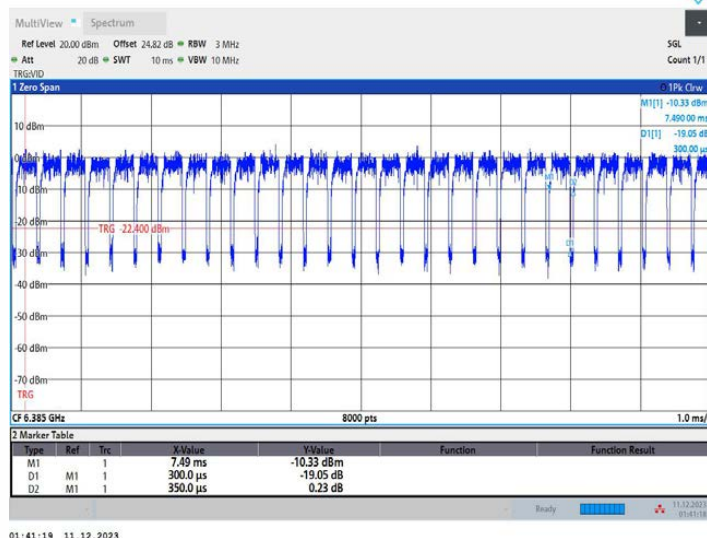
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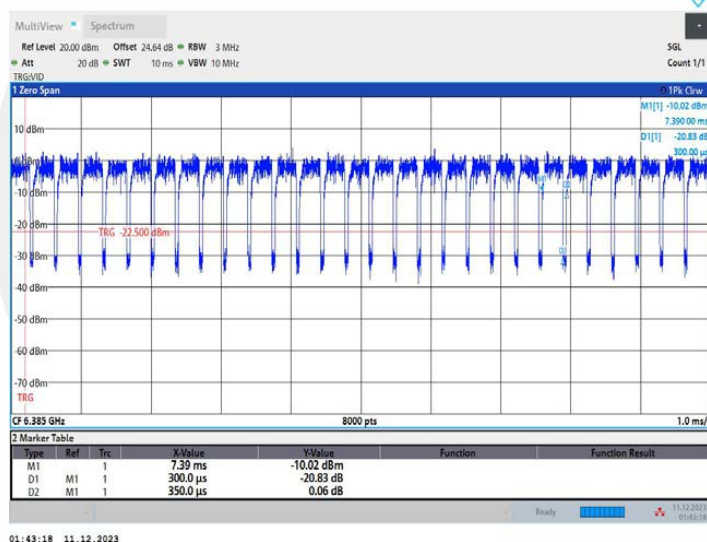
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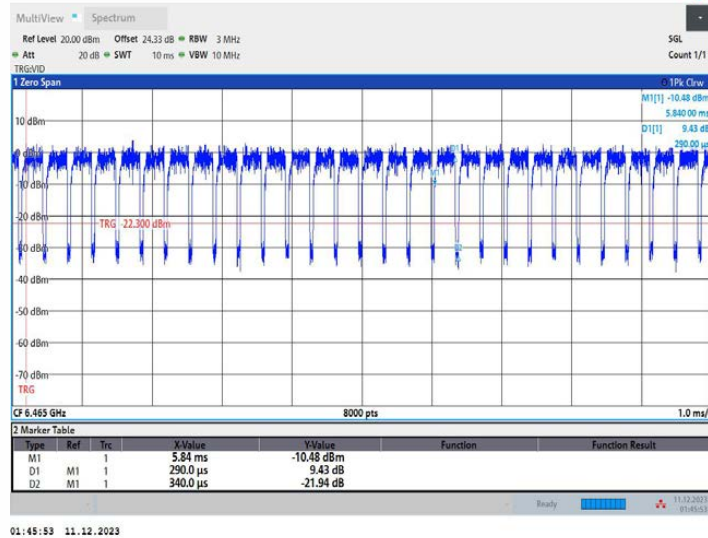
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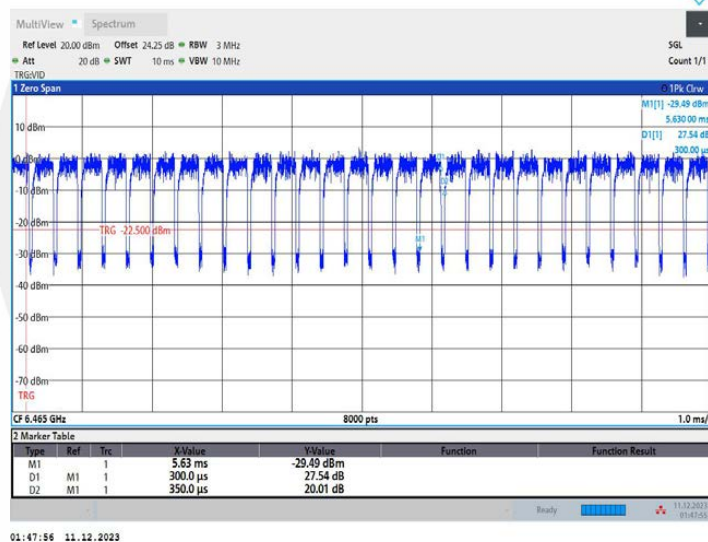
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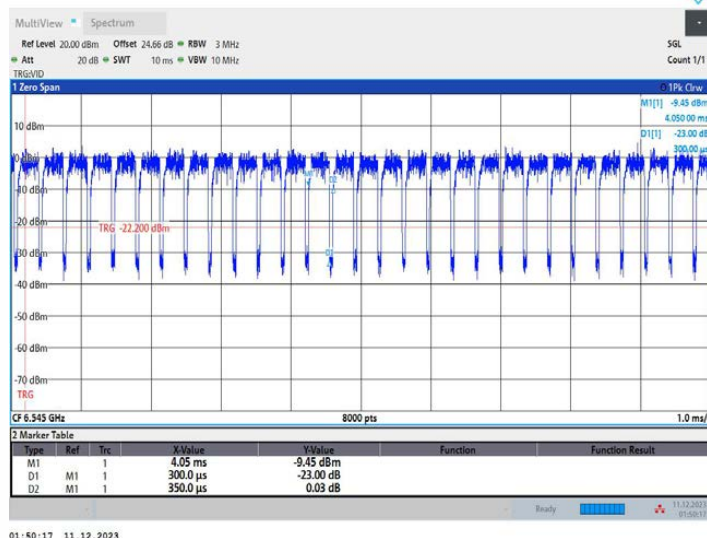
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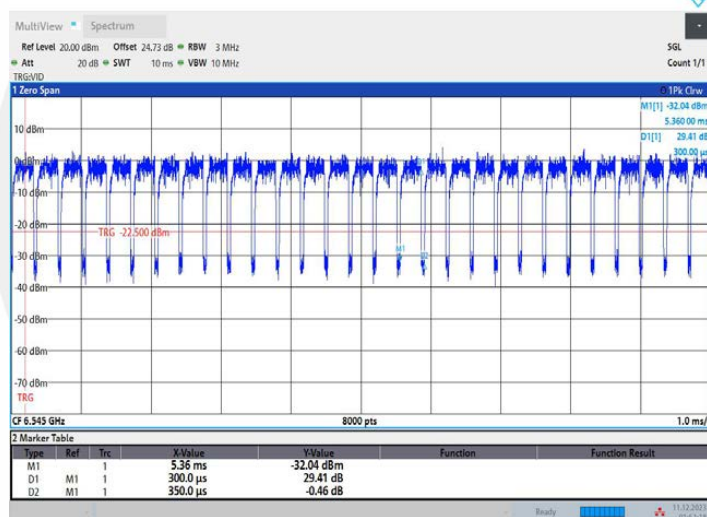


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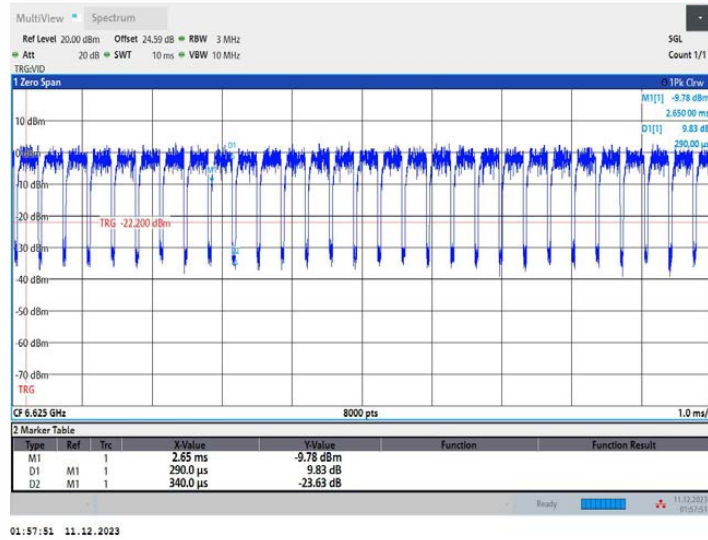
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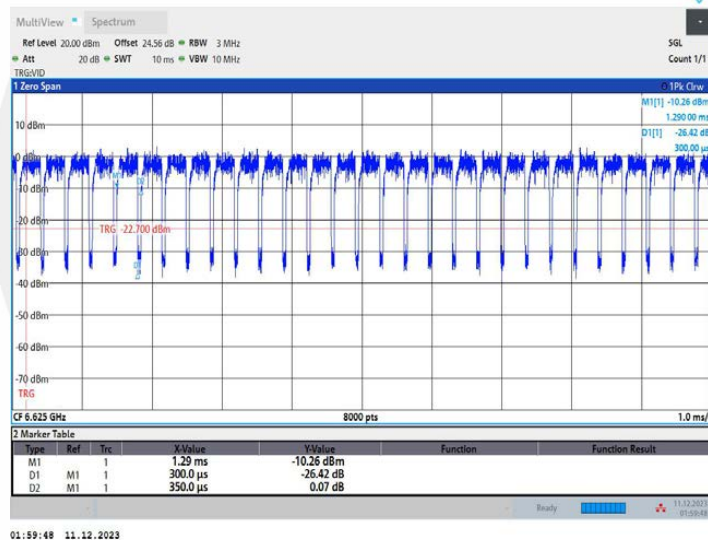


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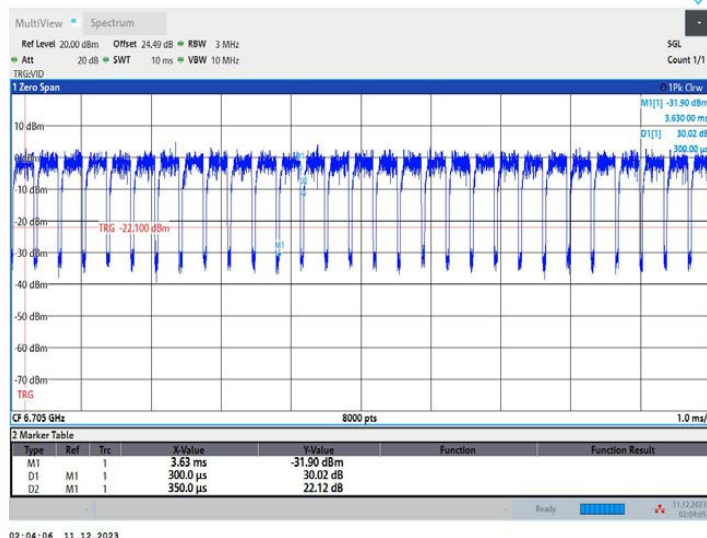
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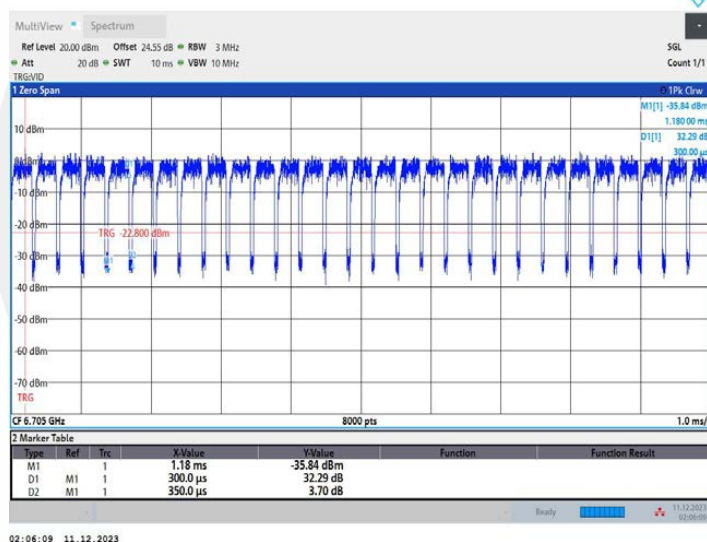
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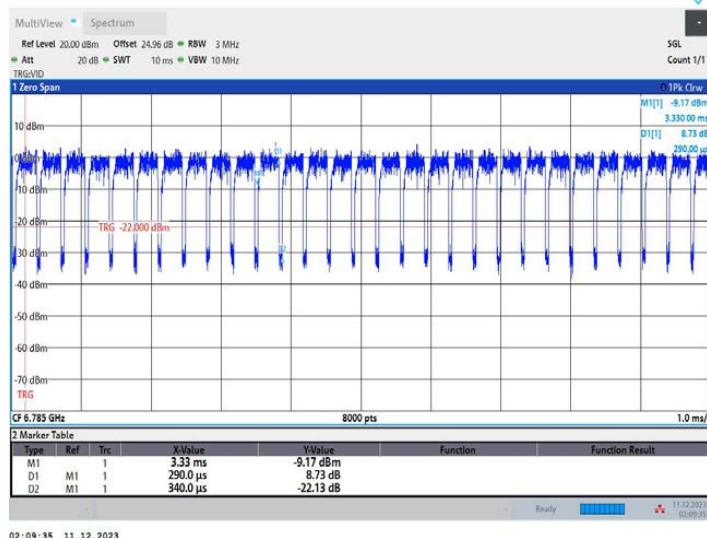
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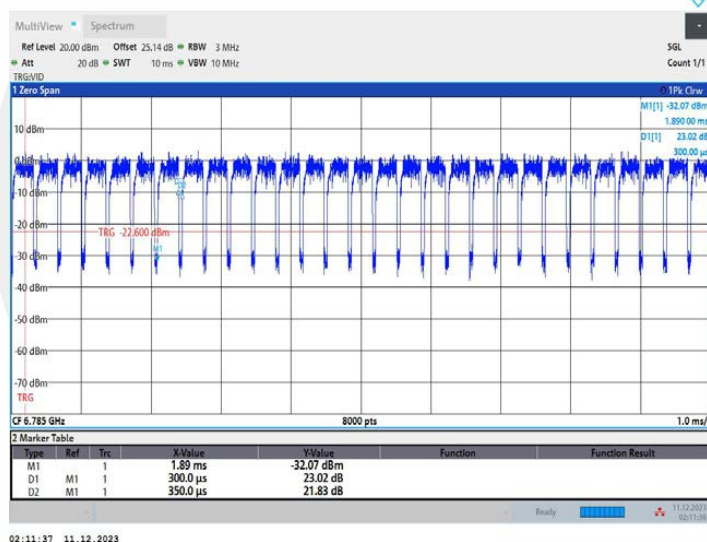
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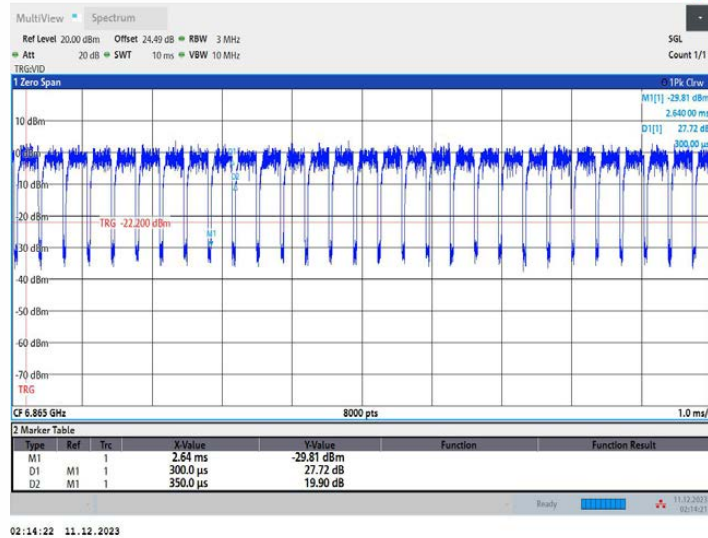
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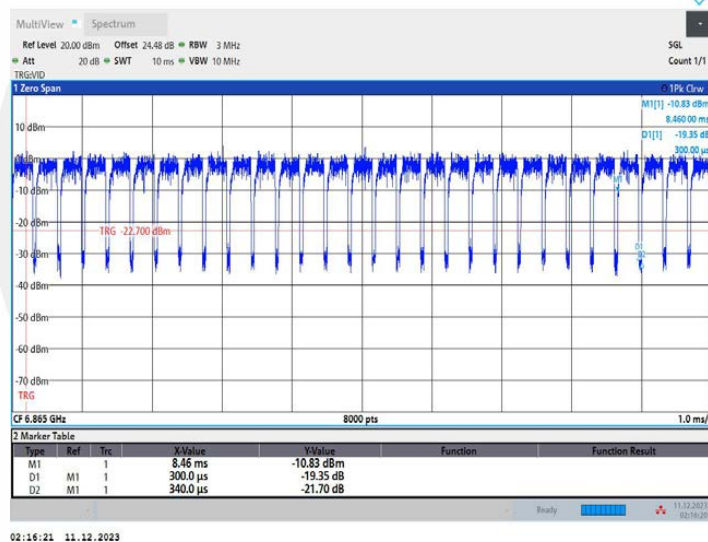
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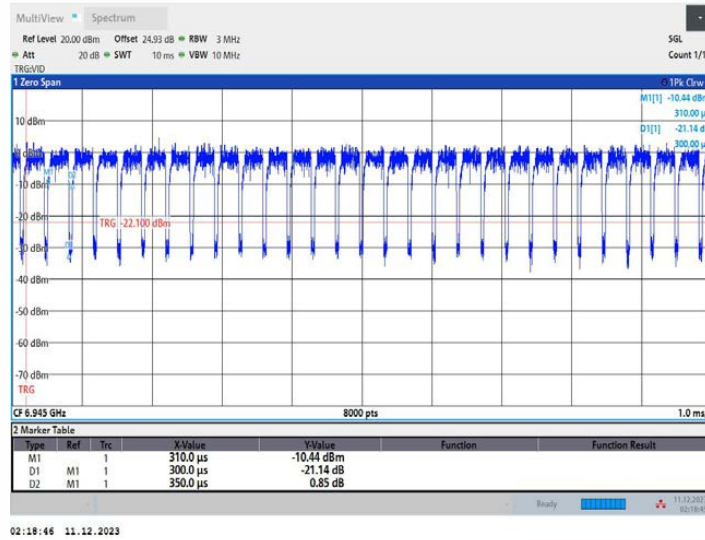
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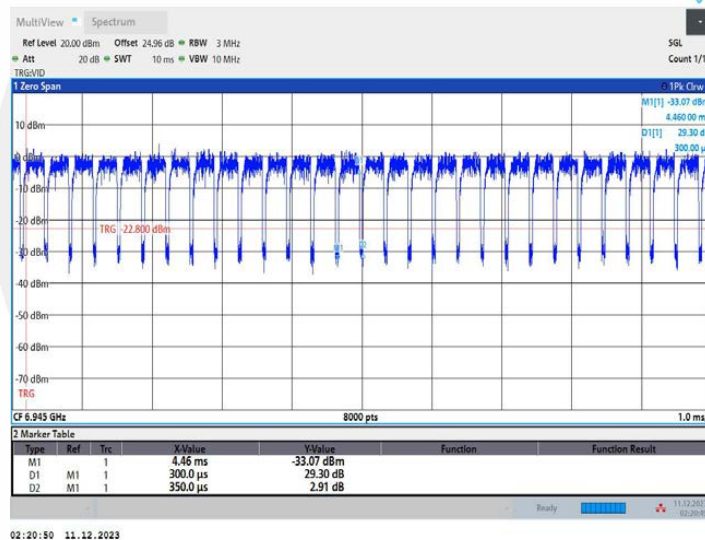
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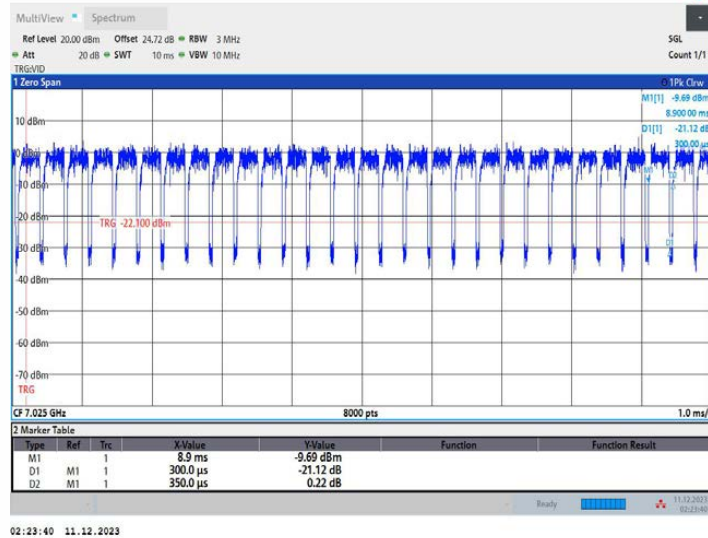
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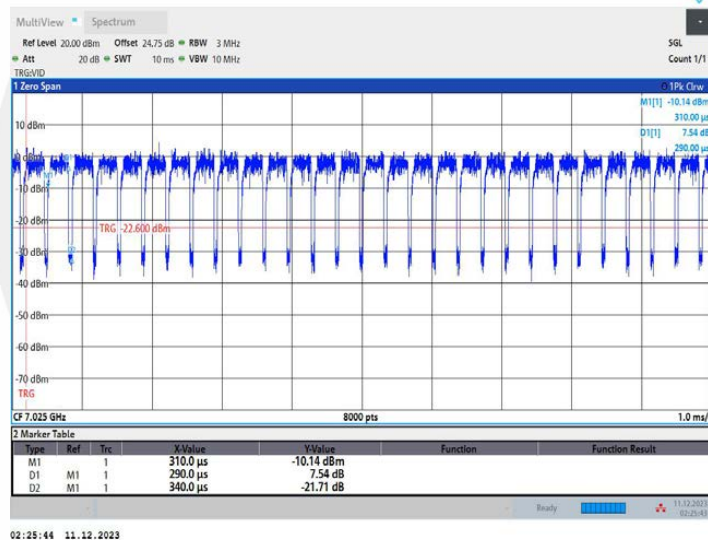
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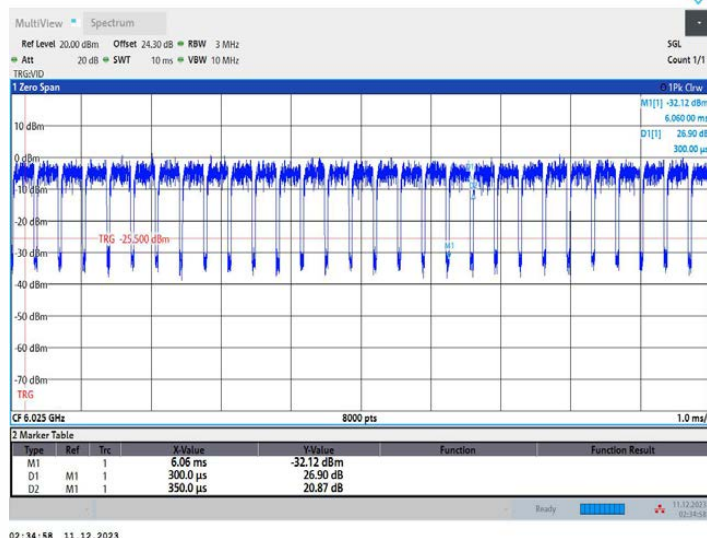
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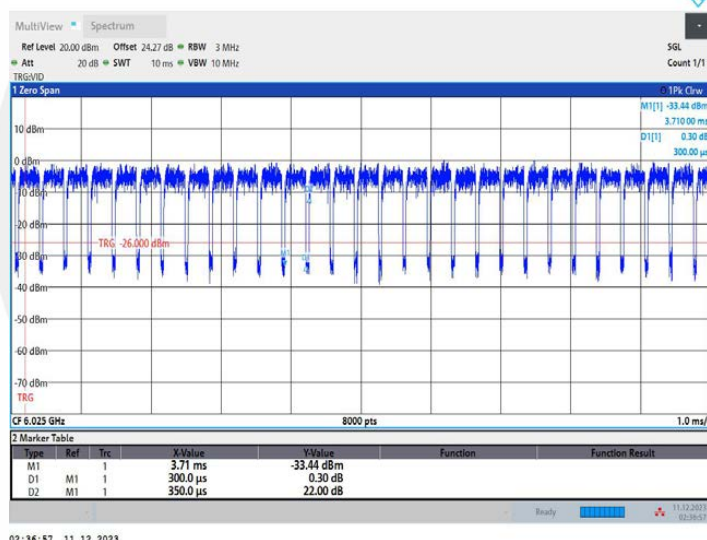
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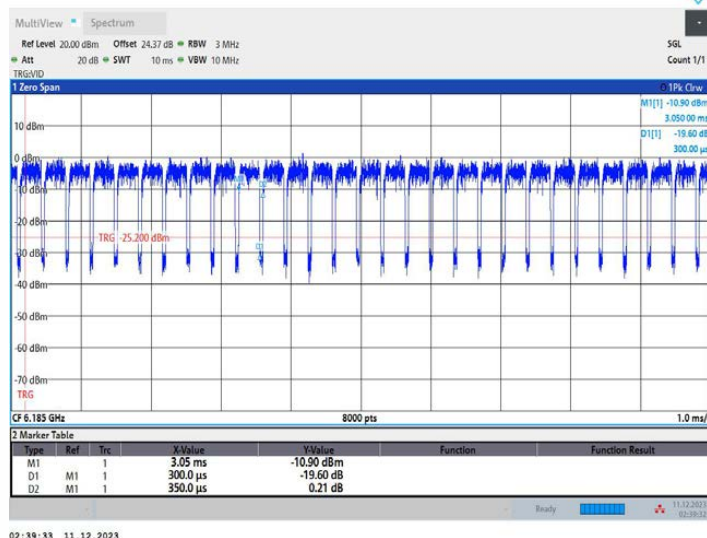
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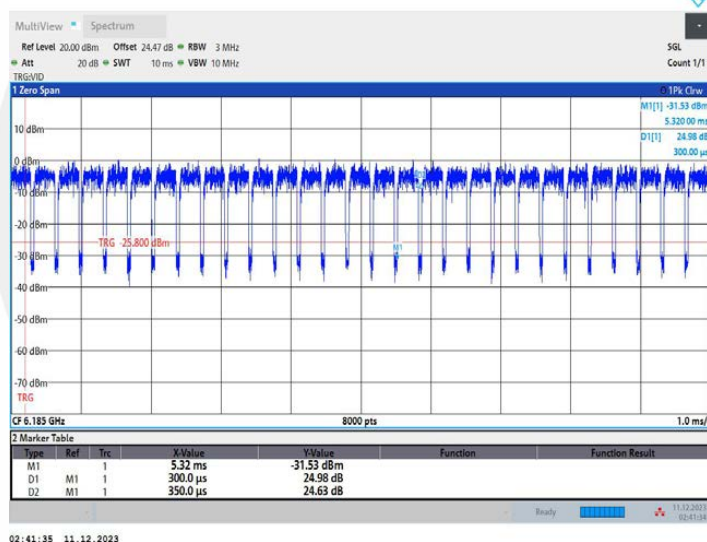
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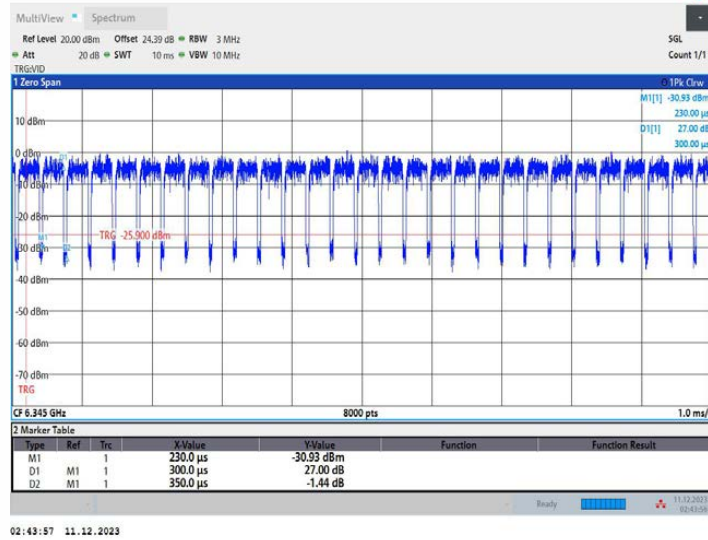
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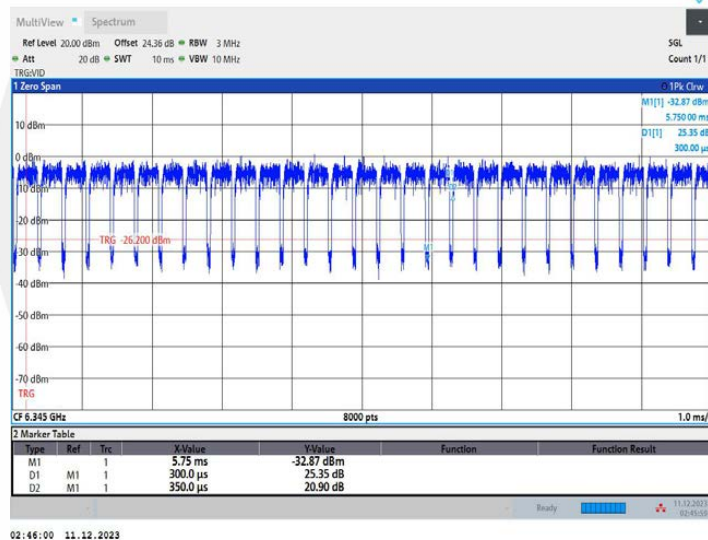
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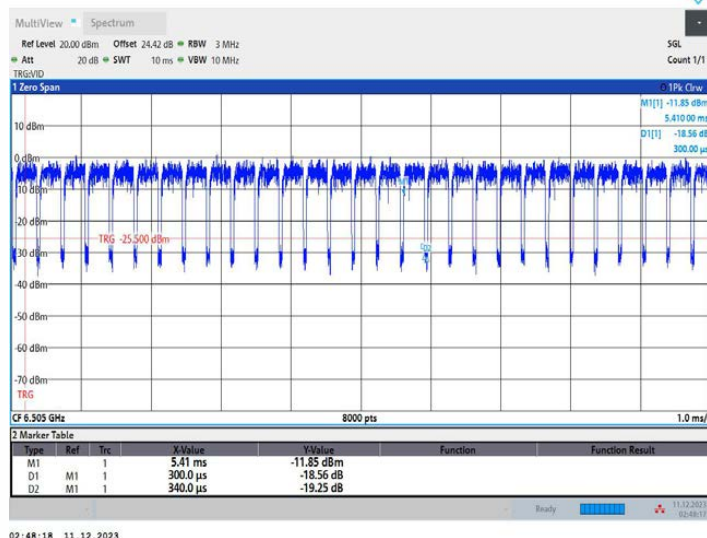
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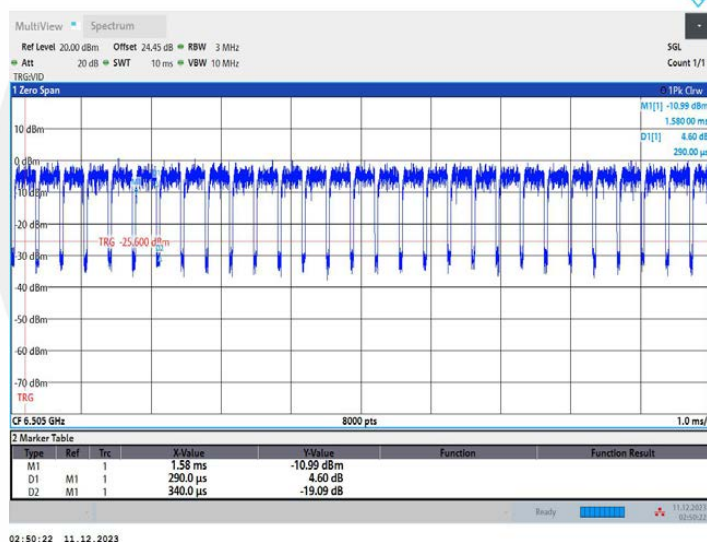
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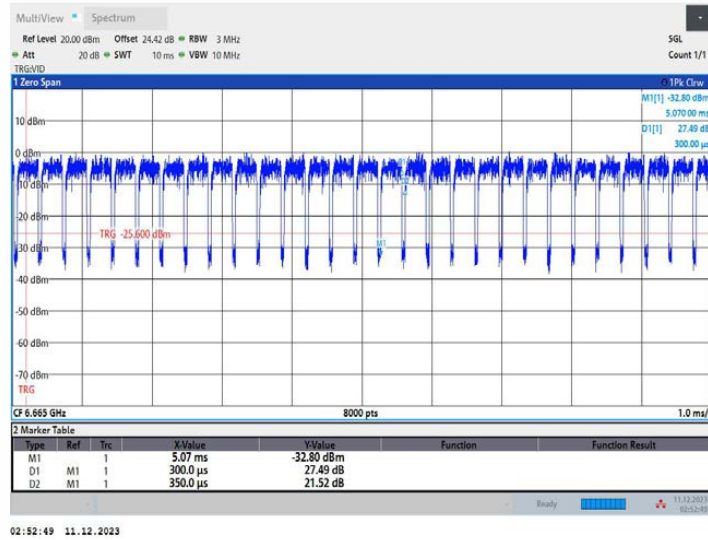
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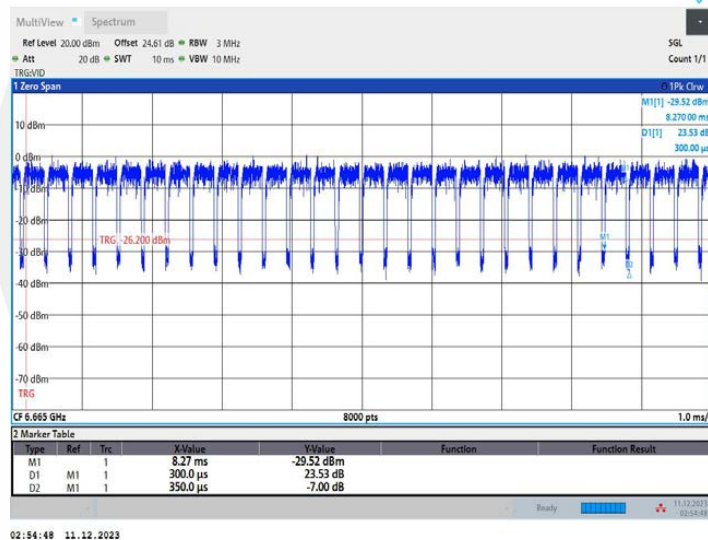
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11AX160MIMO_Ant2_6665



11AX160MIMO_Ant1_6665



11AX160MIMO_Ant2_6825