



11N40MIMO_Ant2_2422_0~Reference



11N40MIMO_Ant2_2422_30~3000



11N40MIMO_Ant2_2422_3000~26500



11N40MIMO_Ant1_2437_0~Reference



11N40MIMO_Ant1_2437_30~3000



11N40MIMO_Ant1_2437_3000~26500



11N40MIMO_Ant2_2437_0~Reference



11N40MIMO_Ant2_2437_30~3000



11N40MIMO_Ant2_2437_3000~26500



11N40MIMO_Ant1_2452_0~Reference



11N40MIMO_Ant1_2452_30~3000



11N40MIMO_Ant1_2452_3000~26500



11N40MIMO_Ant2_2452_0~Reference



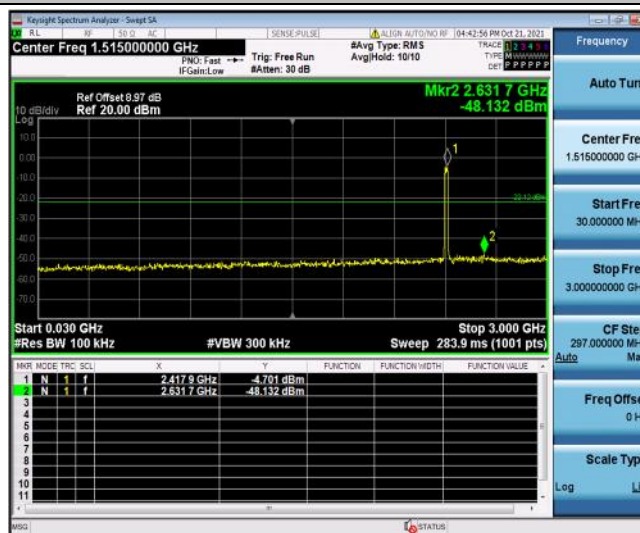
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11N40MIMO_Ant2_2452_3000~26500



11AX20MIMO_Ant1_2412_0~Reference



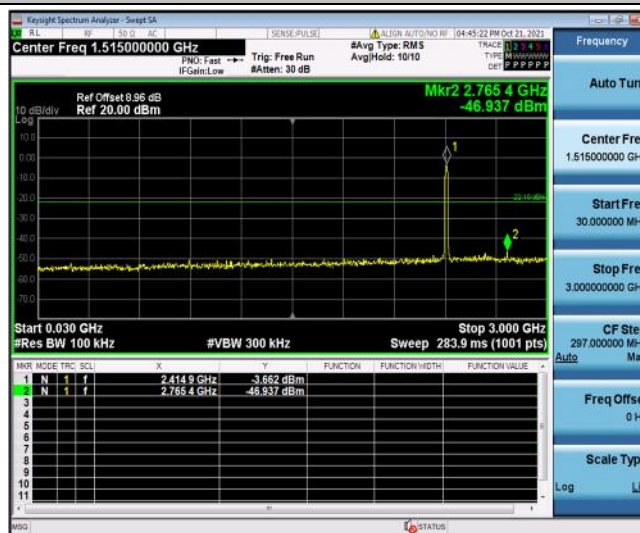
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11AX20MIMO_Ant1_2412_3000~26500



11AX20MIMO_Ant2_2412_0~Reference



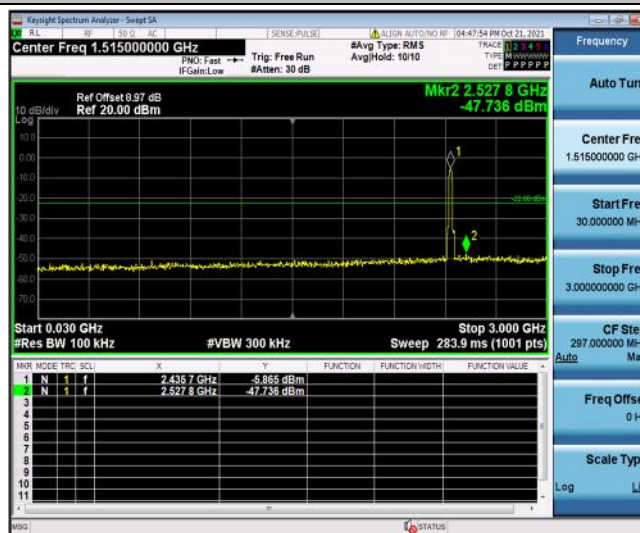
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11AX20MIMO_Ant2_2412_3000~26500



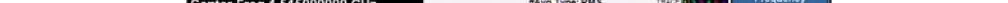
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11AX20MIMO_Ant1_2437_30~3000



11AX20MIMO_Ant1_2437_3000~26500

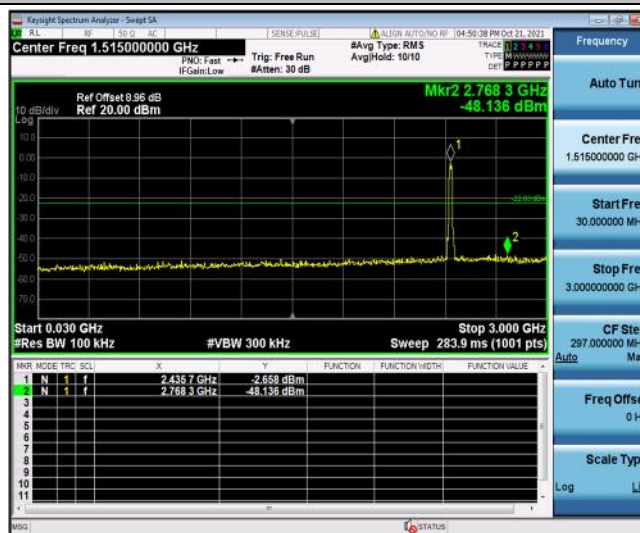


Keysight Spectrum Analyzer - Sweep SA

Center Freq 1.515000000 GHz

#Avg Type: RMS

Frequency

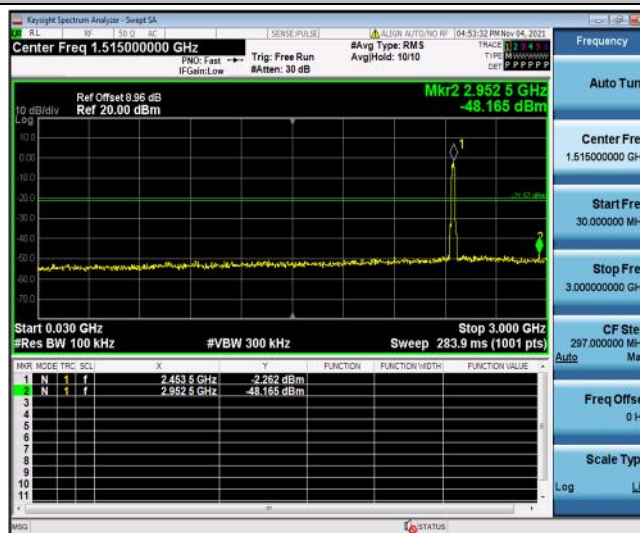


The screenshot shows the Keysight Spectrum Analyzer - Swept SA interface. The main display area shows a single peak at a center frequency of 14.750000000 GHz. The peak is labeled with its average type as RMS. The frequency axis is labeled 'Frequency' and ranges from 14.74 to 14.76 GHz. The signal level is approximately -100 dBm. The interface includes various control panels for settings like resolution bandwidth, video bandwidth, and sweep time.





11AX20MIMO_Ant2_2452_0~Reference



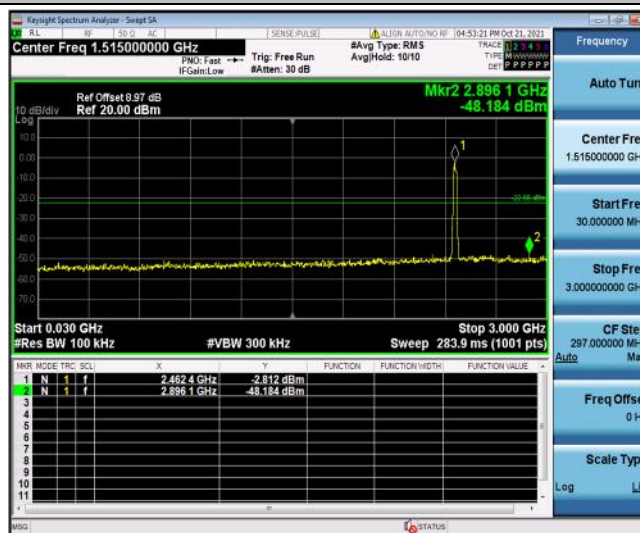
11AX20MIMO_Ant2_2452_30~3000



11AX20MIMO_Ant2_2452_3000~26500



11AX20MIMO_Ant1_2462_0~Reference



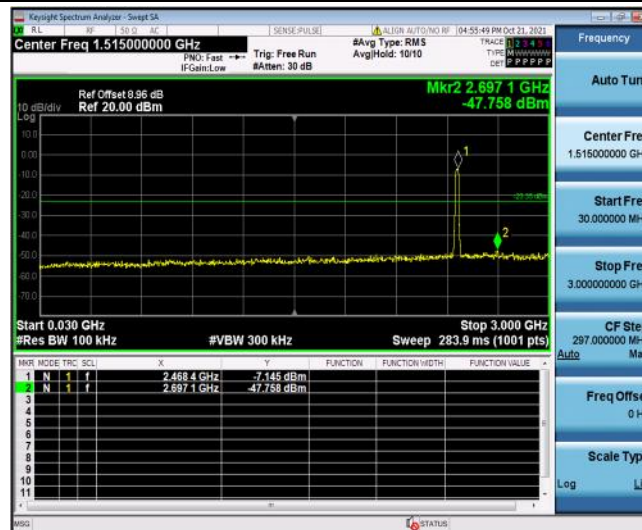
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11AX20MIMO_Ant1_2462_3000~26500



11AX20MIMO_Ant2_2462_0~Reference



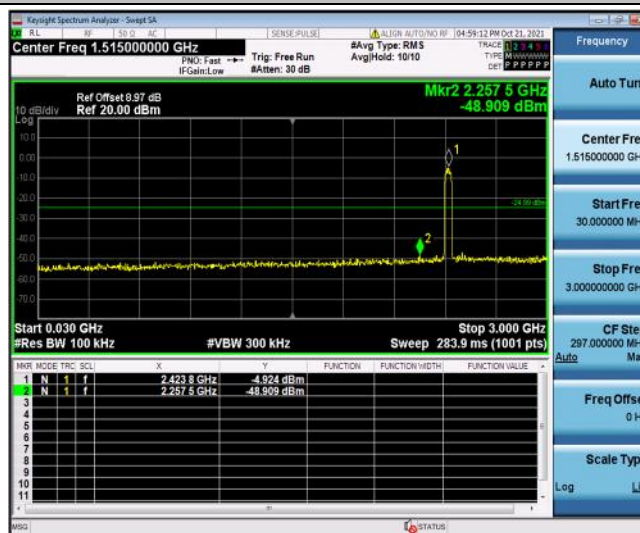
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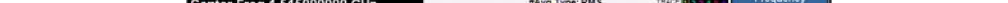
11AX40MIMO_Ant1_2422_0~Reference



11AX40MIMO_Ant1_2422_30~3000



11AX40MIMO_Ant1_2422_3000~26500

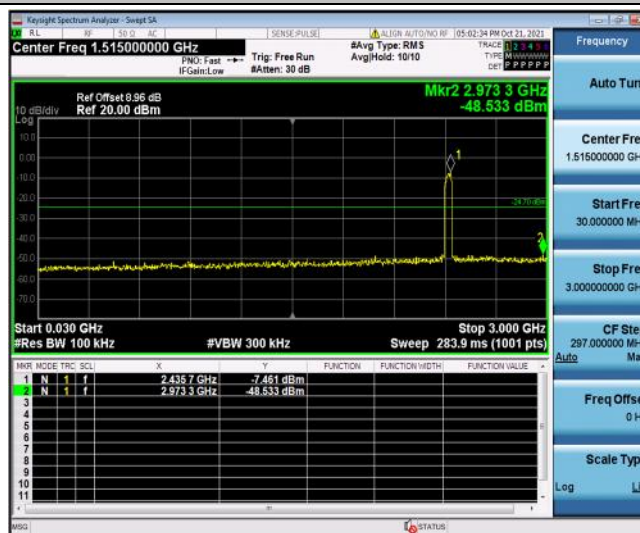


Keysight Spectrum Analyzer - Sweep SA

Center Freq 1.515000000 GHz

#Avg Type: RMS

Frequency

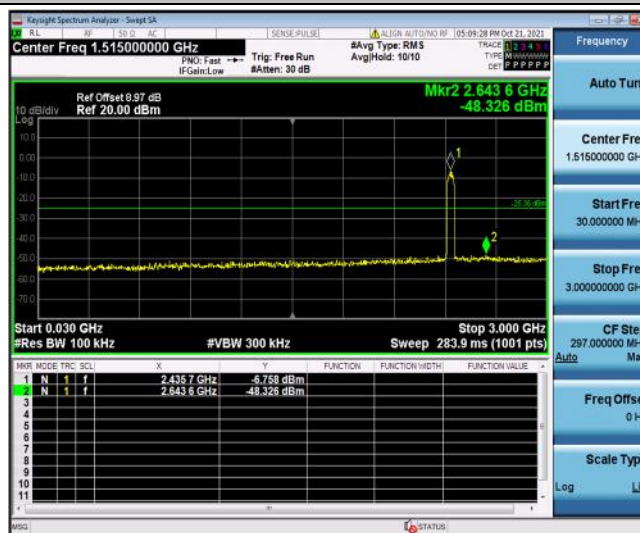


The screenshot shows the Keysight Spectrum Analyzer - Swept SA interface. The main display area shows a single sharp peak at a center frequency of 14.750000000 GHz. The peak is labeled with its average type as RMS. The frequency axis is labeled 'Frequency' and ranges from 14.745 GHz to 14.755 GHz. The amplitude axis is labeled 'dBm' and ranges from -100 to 0. The signal level is approximately -10 dBm. The interface includes various control panels for settings like resolution bandwidth, video bandwidth, and sweep time.





11AX40MIMO_Ant1_2437_0~Reference



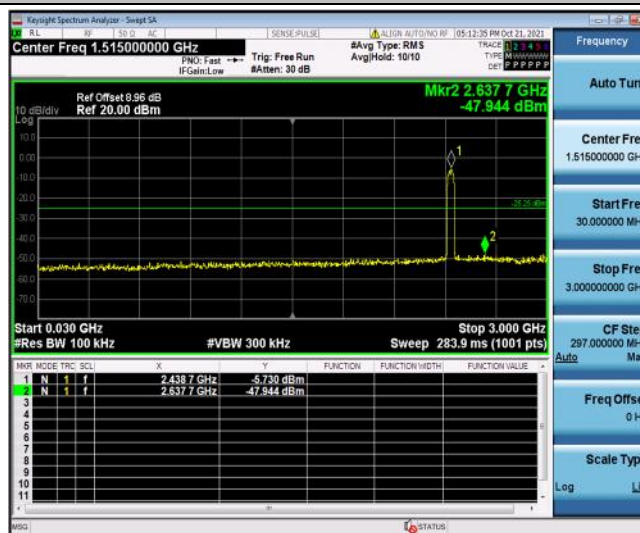
11AX40MIMO_Ant1_2437_30~3000



11AX40MIMO_Ant1_2437_3000~26500



11AX40MIMO_Ant2_2437_0~Reference



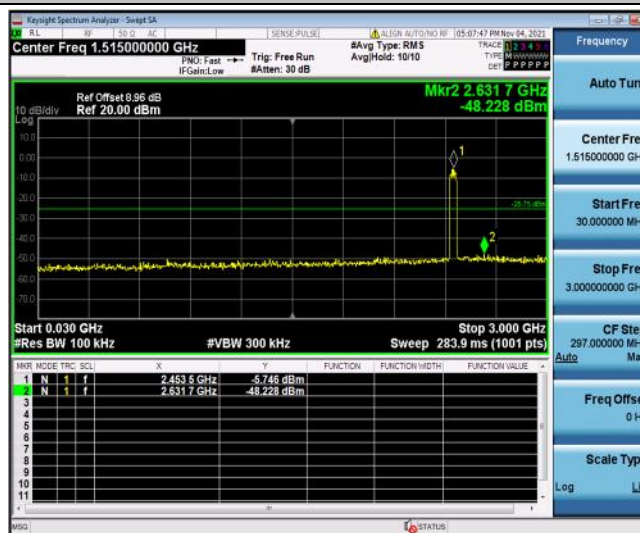
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11AX40MIMO_Ant2_2437_3000~26500



11AX40MIMO_Ant2_2452_0~Reference



11AX40MIMO_Ant2_2452_30~3000



11AX40MIMO_Ant2_2452_3000~26500

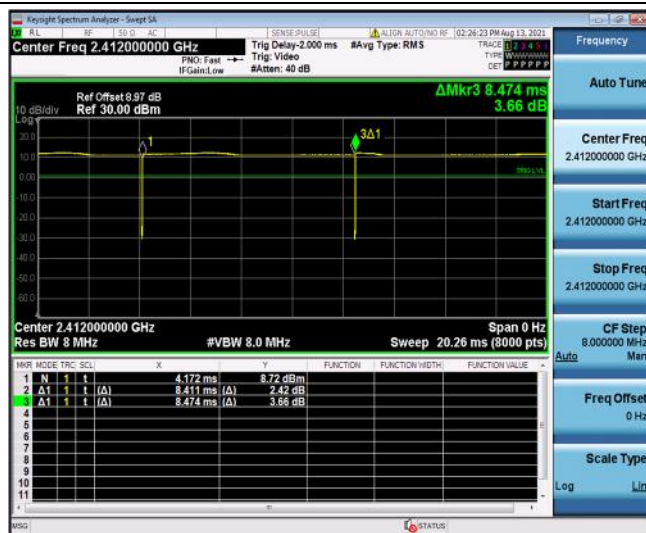
Appendix G: Duty Cycle

Test Result

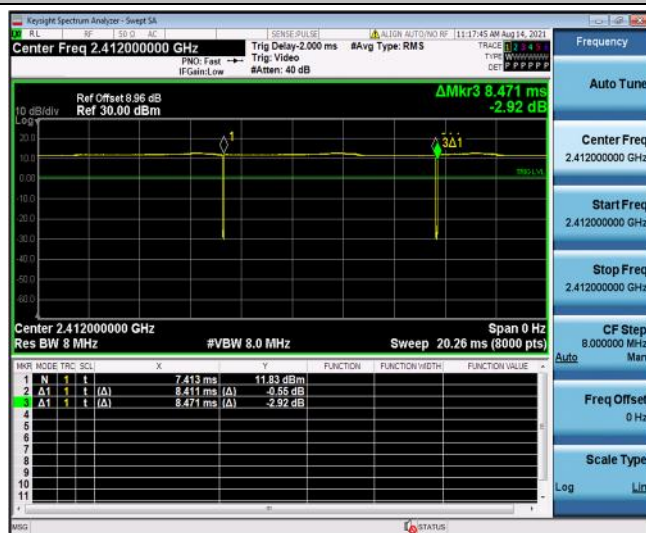
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11B	Ant1	2412	8.41	8.47	99.29	---	PASS
	Ant2	2412	8.41	8.47	99.29	---	PASS
	Ant1	2437	8.41	8.47	99.29	---	PASS
	Ant2	2437	8.41	8.47	99.29	---	PASS
	Ant1	2462	8.41	8.47	99.29	---	PASS
	Ant2	2462	8.41	8.47	99.29	---	PASS
11G	Ant1	2412	1.39	1.45	95.86	---	PASS
	Ant2	2412	1.39	1.45	95.86	---	PASS
	Ant1	2437	1.39	1.45	95.86	---	PASS
	Ant2	2437	1.39	1.45	95.86	---	PASS
	Ant1	2462	1.39	1.45	95.86	---	PASS
	Ant2	2462	1.39	1.46	95.21	---	PASS
11N20SISO	Ant1	2412	1.31	1.37	95.62	---	PASS
	Ant2	2412	1.31	1.37	95.62	---	PASS
	Ant1	2437	1.31	1.37	95.62	---	PASS
	Ant2	2437	1.31	1.37	95.62	---	PASS
	Ant1	2462	1.30	1.37	94.89	---	PASS
	Ant2	2462	1.30	1.37	94.89	---	PASS
11N40SISO	Ant1	2422	0.63	0.69	91.30	---	PASS
	Ant2	2422	0.63	0.69	91.30	---	PASS
	Ant1	2437	0.63	0.69	91.30	---	PASS
	Ant2	2437	0.63	0.69	91.30	---	PASS
	Ant1	2452	0.63	0.69	91.30	---	PASS
	Ant2	2452	0.63	0.69	91.30	---	PASS
11AX20SISO	Ant1	2412	0.54	0.60	90.00	---	PASS
	Ant2	2412	0.54	0.60	90.00	---	PASS
	Ant1	2437	0.54	0.60	90.00	---	PASS
	Ant2	2437	0.55	0.60	91.67	---	PASS
	Ant1	2462	0.54	0.59	91.53	---	PASS
	Ant2	2462	0.54	0.60	90.00	---	PASS
11AX40SISO	Ant1	2422	0.30	0.36	83.33	---	PASS
	Ant2	2422	0.30	0.36	83.33	---	PASS
	Ant1	2437	0.30	0.36	83.33	---	PASS
	Ant2	2437	0.30	0.36	83.33	---	PASS
	Ant1	2452	0.30	0.36	83.33	---	PASS
	Ant2	2452	0.30	0.36	83.33	---	PASS
11N20MIMO	Ant1	2412	0.10	0.16	62.50	---	PASS

	Ant2	2412	0.10	0.16	62.50	---	PASS
	Ant1	2437	0.10	0.16	62.50	---	PASS
	Ant2	2437	0.10	0.16	62.50	---	PASS
	Ant1	2462	0.10	0.16	62.50	---	PASS
	Ant2	2462	0.10	0.16	62.50	---	PASS
11N40MIMO	Ant1	2422	0.07	0.13	53.85	---	PASS
	Ant2	2422	0.07	0.13	53.85	---	PASS
	Ant1	2437	0.07	0.13	53.85	---	PASS
	Ant2	2437	0.07	0.13	53.85	---	PASS
	Ant1	2452	0.07	0.13	53.85	---	PASS
	Ant2	2452	0.07	0.13	53.85	---	PASS
11AX20MIMO	Ant1	2412	0.54	0.60	90.00	---	PASS
	Ant2	2412	0.54	0.59	91.53	---	PASS
	Ant1	2437	0.54	0.60	90.00	---	PASS
	Ant2	2437	0.54	0.60	90.00	---	PASS
	Ant1	2462	0.54	0.60	90.00	---	PASS
	Ant2	2462	0.54	0.59	91.53	---	PASS
11AX40MIMO	Ant1	2422	0.30	0.36	83.33	---	PASS
	Ant2	2422	0.30	0.36	83.33	---	PASS
	Ant1	2437	0.30	0.35	85.71	---	PASS
	Ant2	2437	0.30	0.36	83.33	---	PASS
	Ant1	2452	0.30	0.36	83.33	---	PASS
	Ant2	2452	0.30	0.36	83.33	---	PASS

Test Graphs



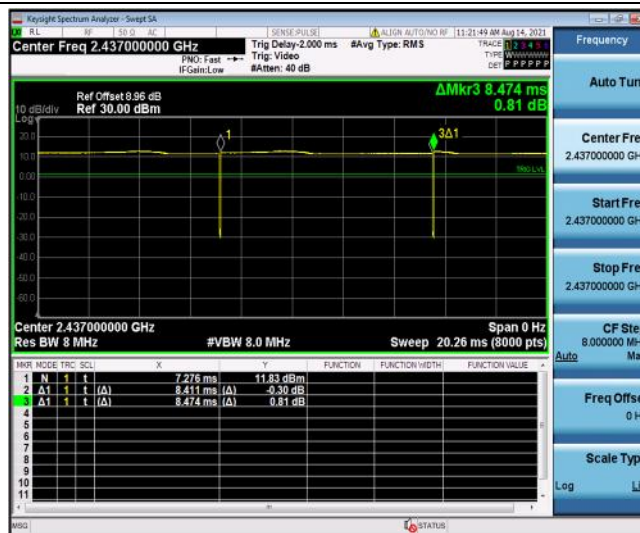
11B_Ant1_2412



11B_Ant2_2412



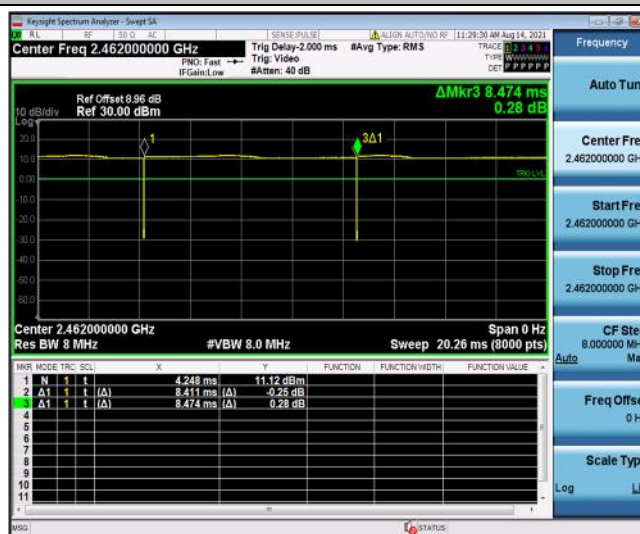
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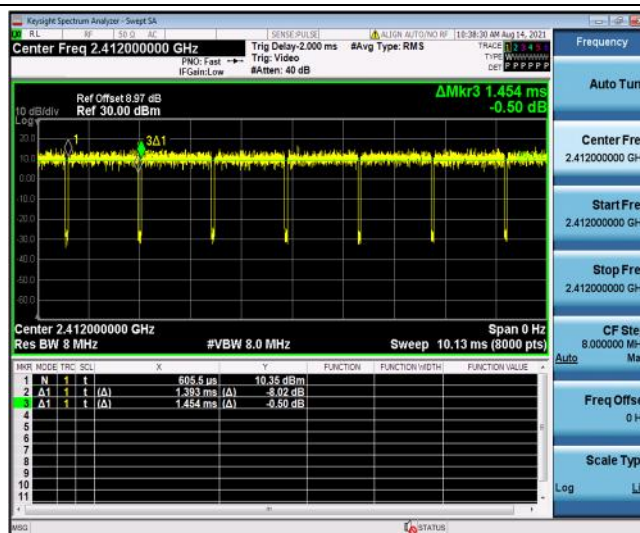
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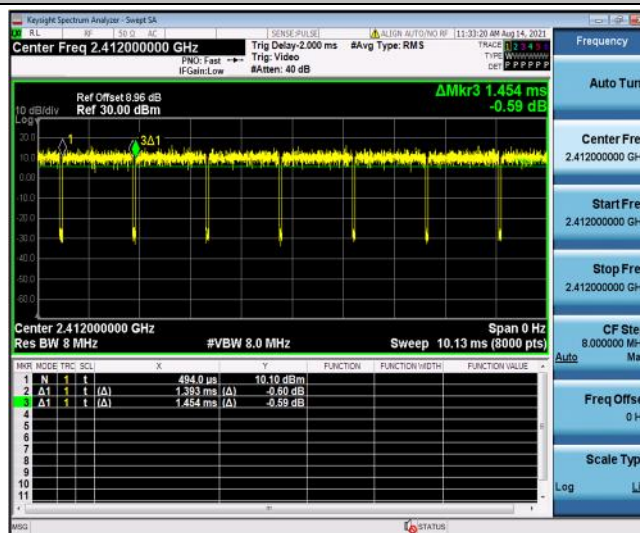
11B_Ant1_2462



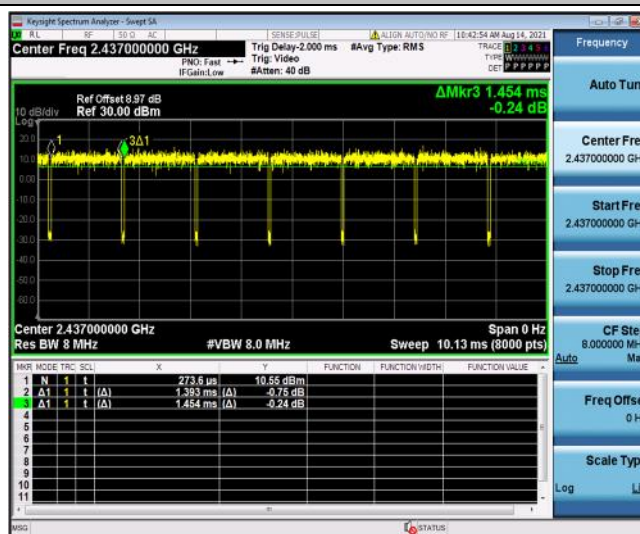
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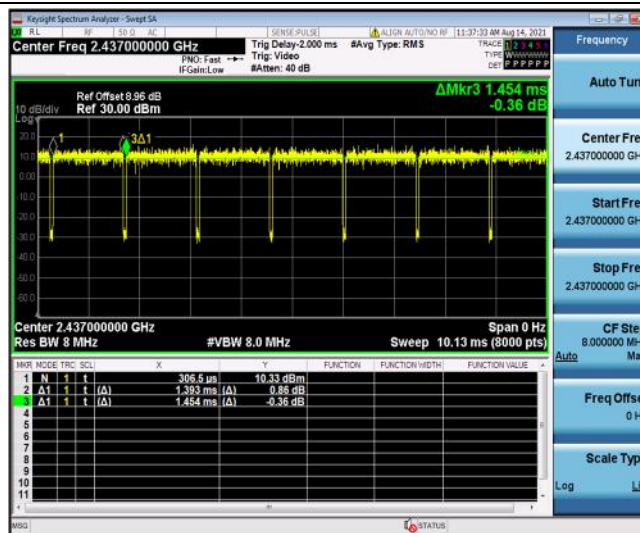
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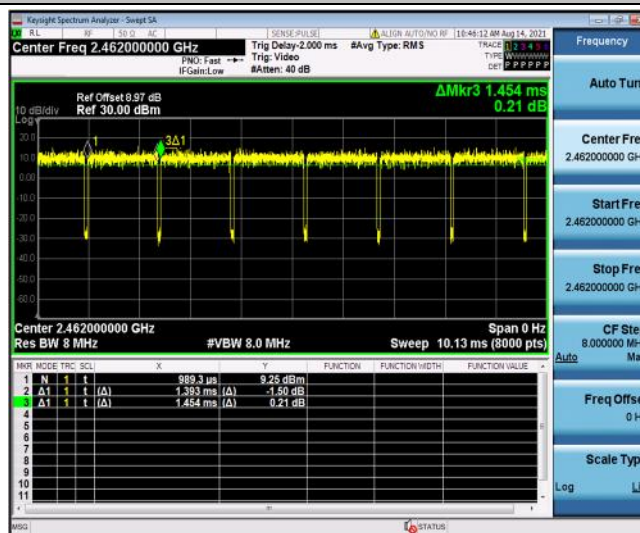
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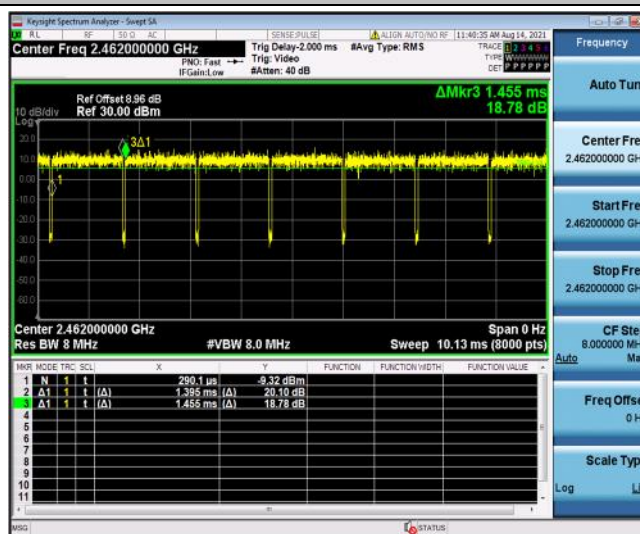
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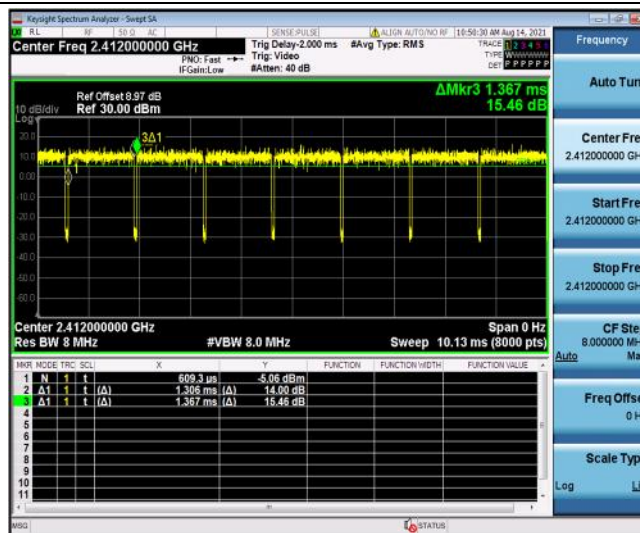
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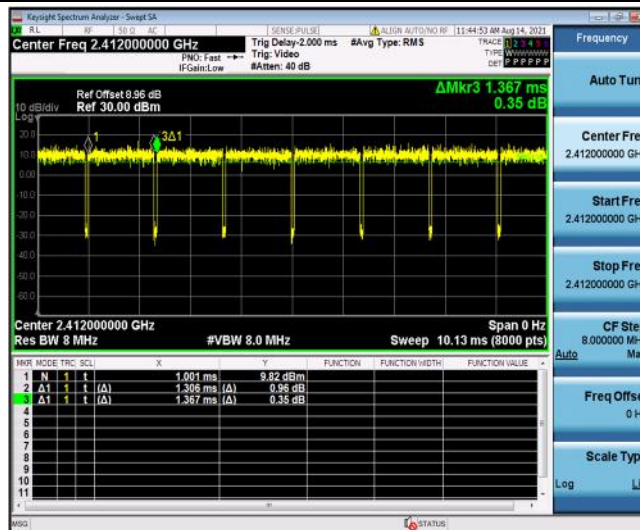
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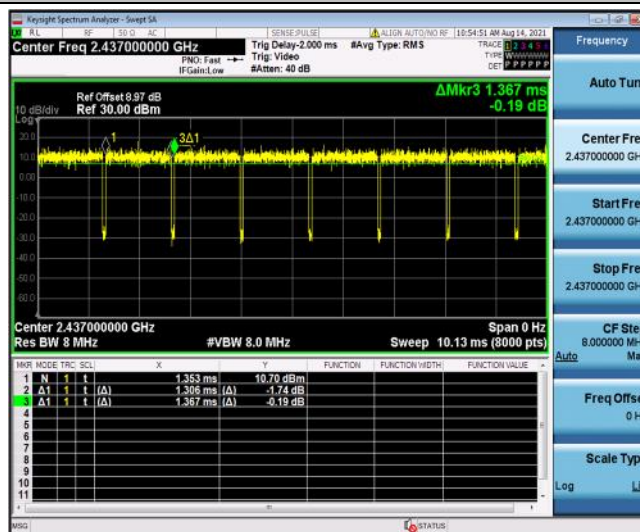
11G_Ant2_2462



11N20SISO_Ant1_2412



11N20SISO_Ant2_2412



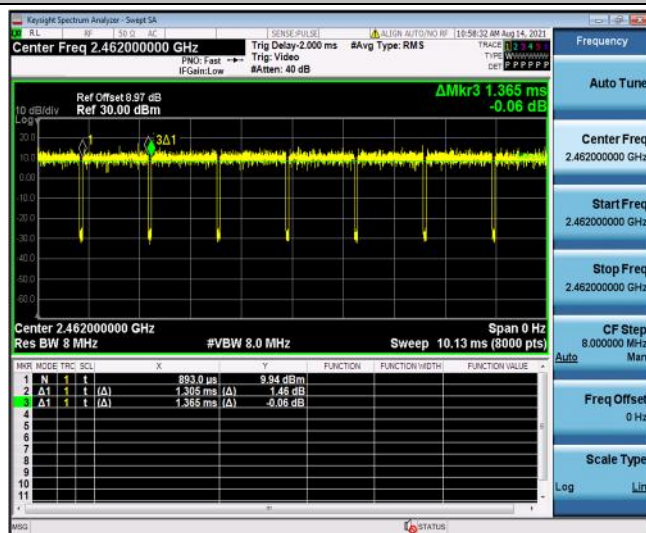
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Keysight Spectrum Analyzer - Sweep SA

RL Freq 2.462000000 GHz Trg Delay: 2.000 ms #Avg Type: RMS

SENSE: PULSE ALIGN: AUTO/NO RF 10:58:32 AM Aug 14, 2021

Frequency



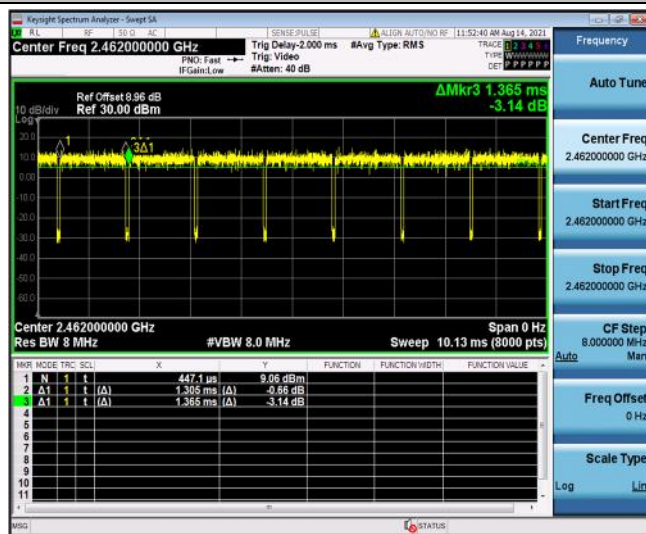
Keysight Spectrum Analyzer - Swept SA

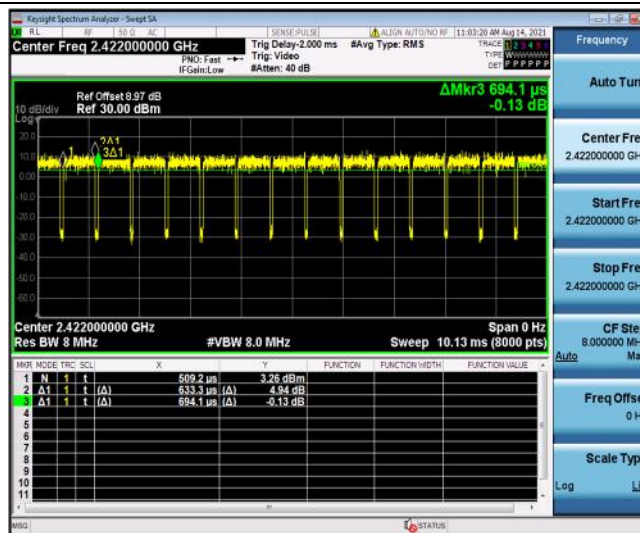
Center Freq 2.462000000 GHz

Trig Delay: 2.000 ms

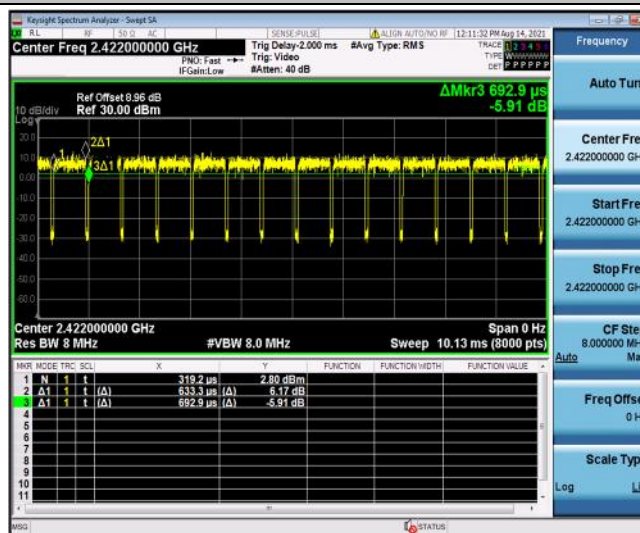
#Avg Type: RMS

Frequency

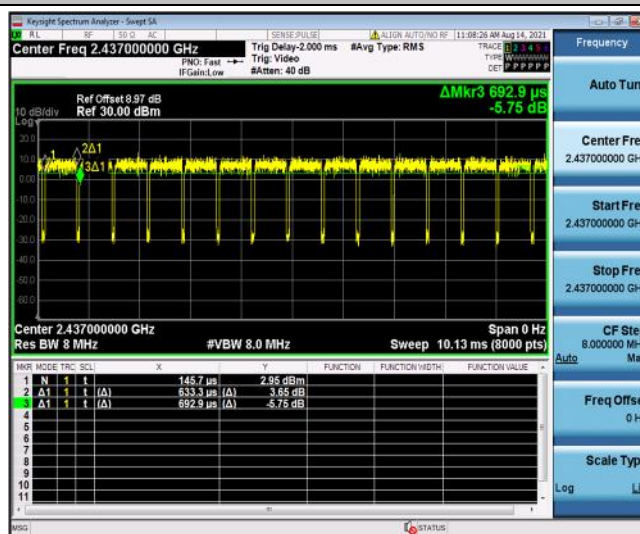




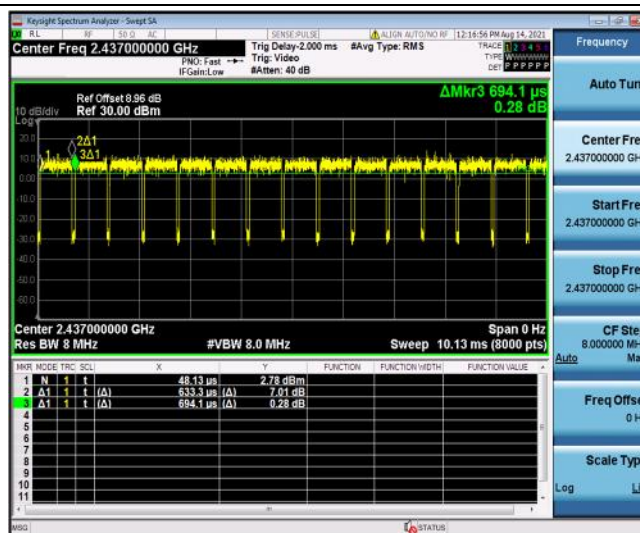
11N40SISO_Ant1_2422



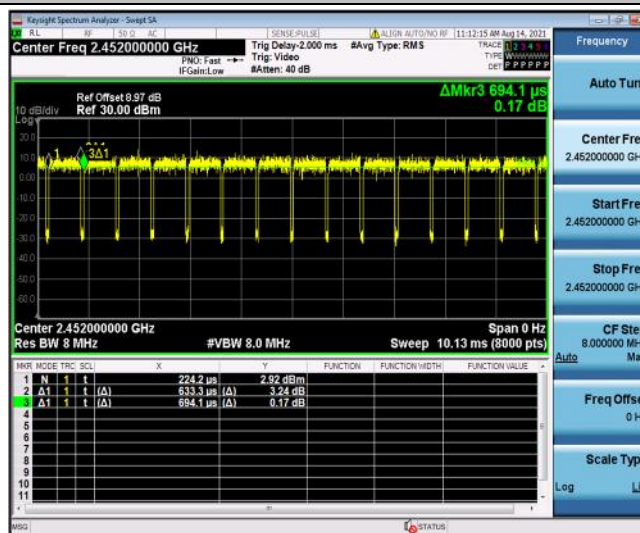
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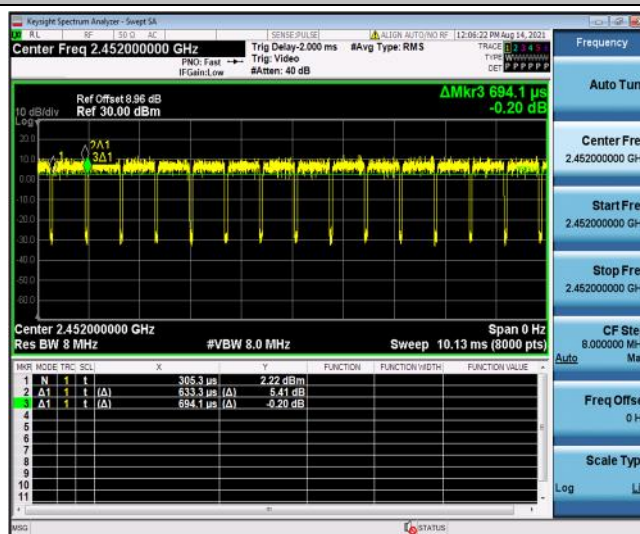
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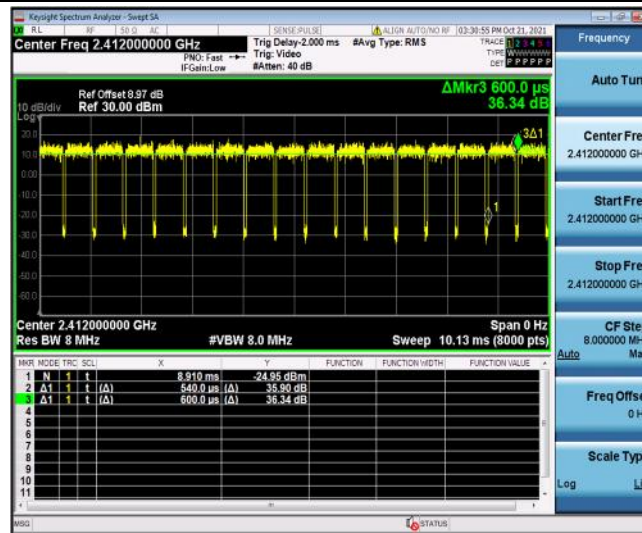
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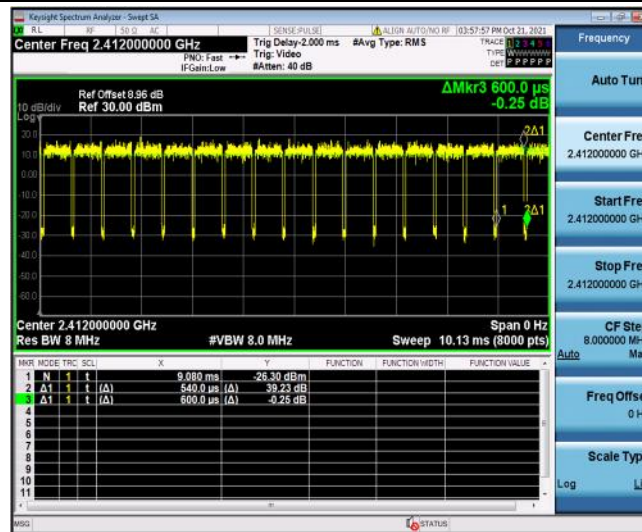
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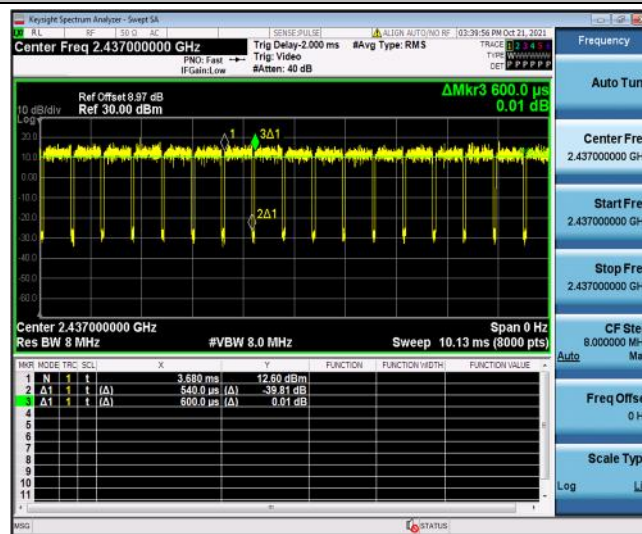
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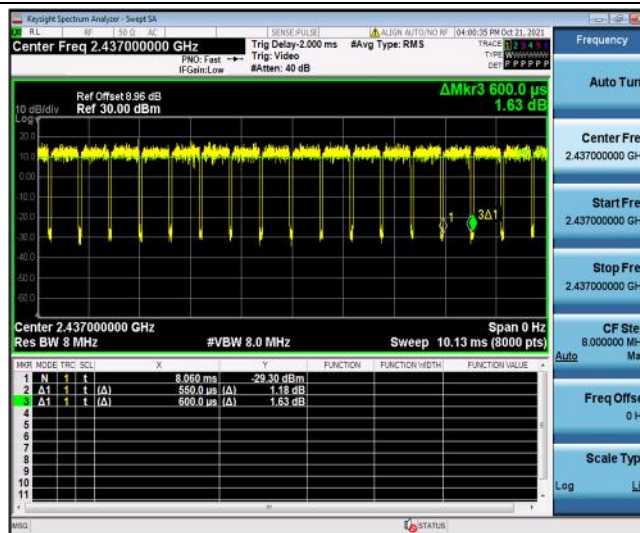
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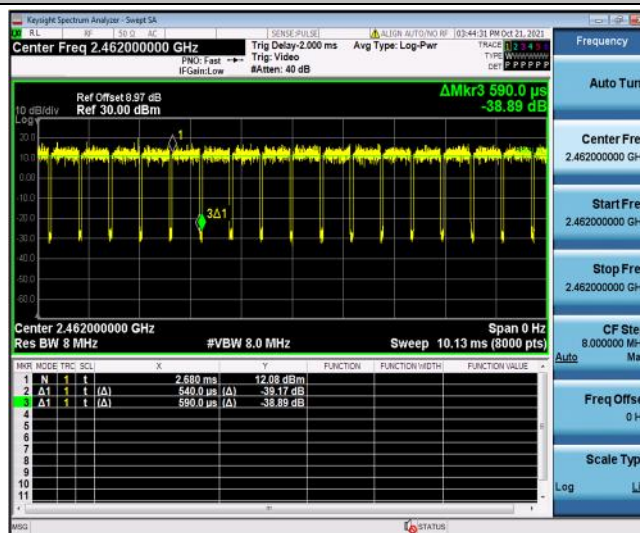
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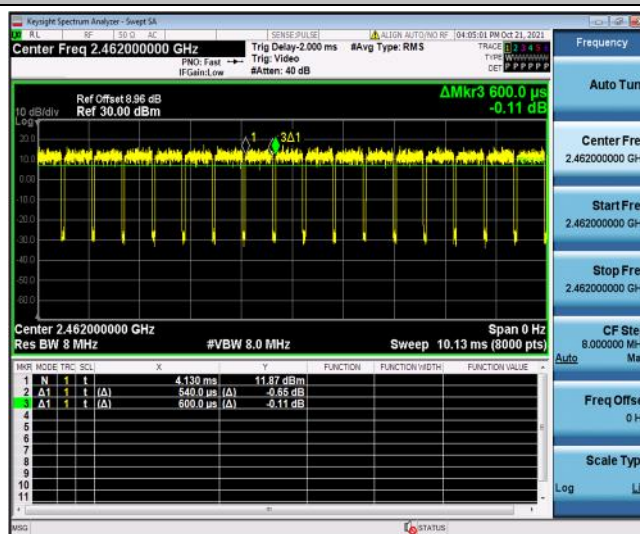
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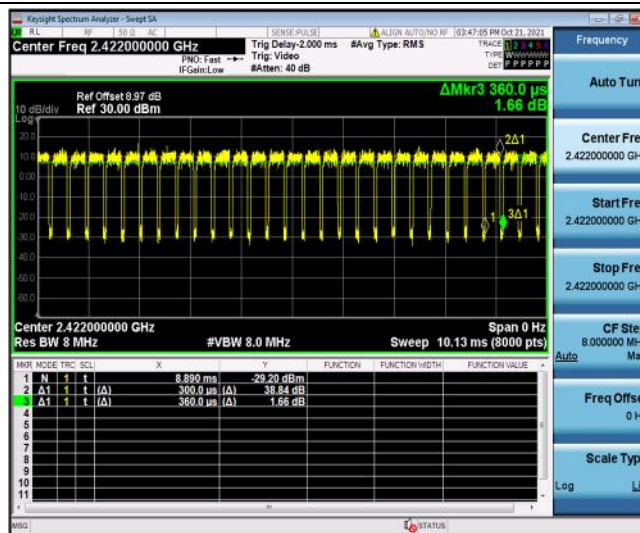
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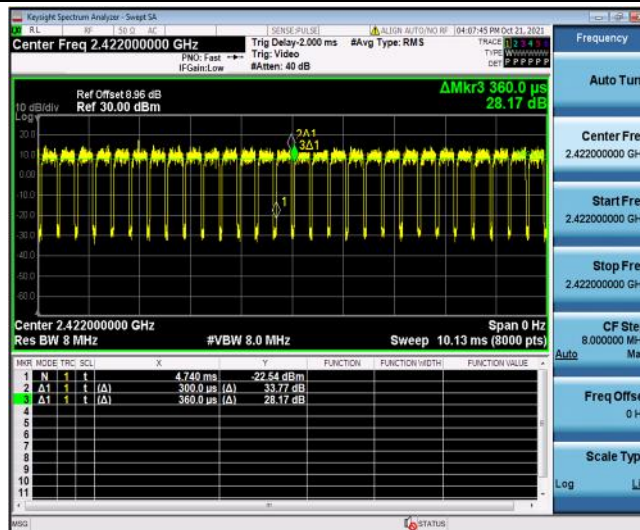
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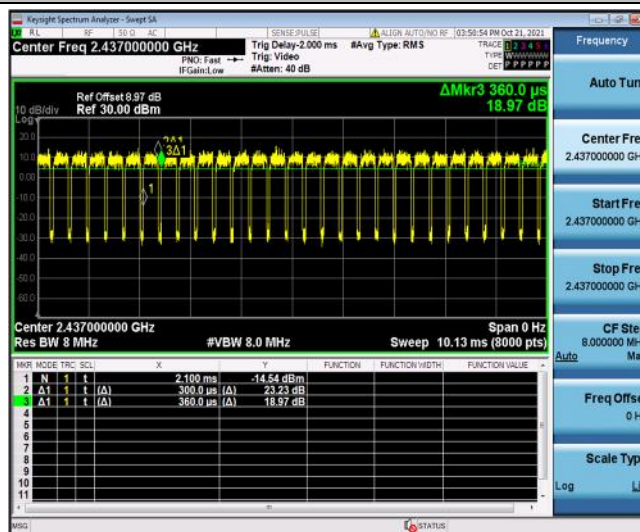
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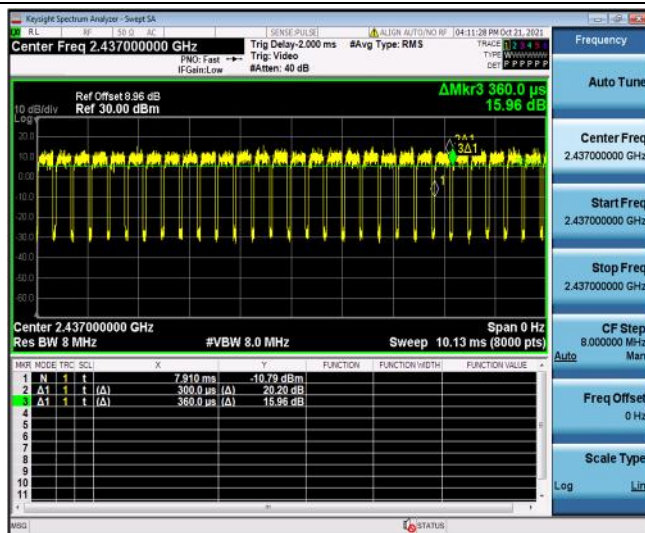
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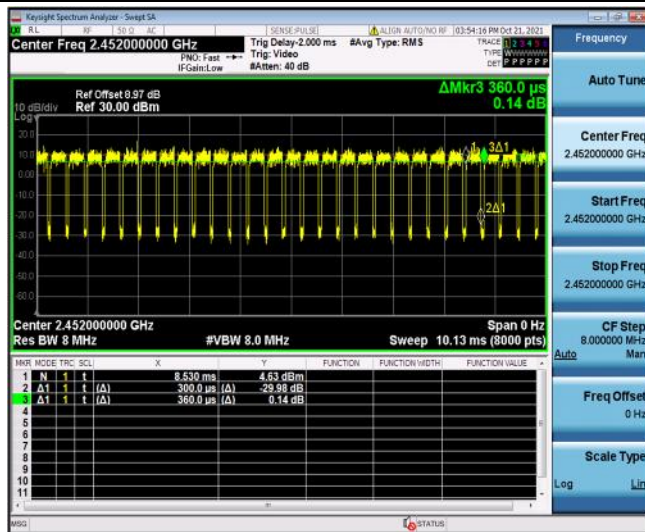
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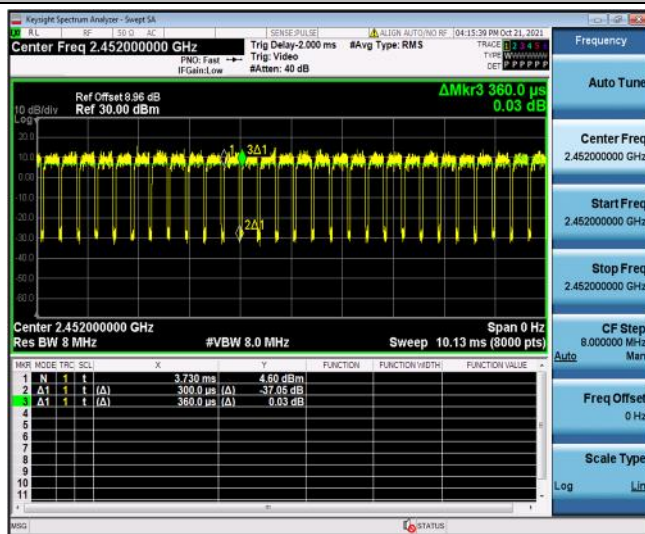
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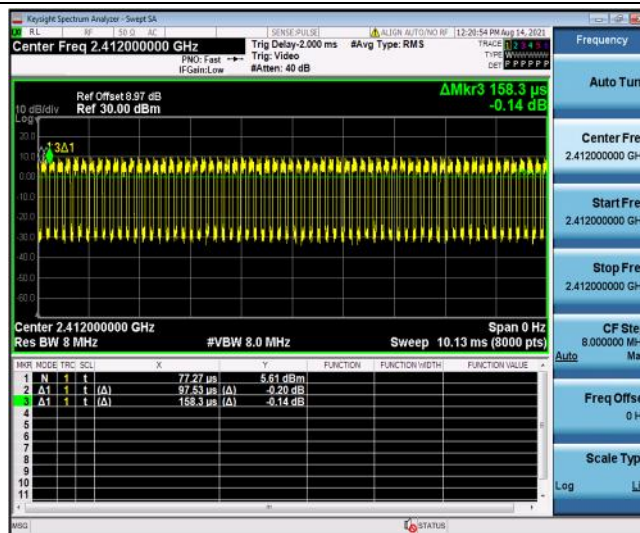
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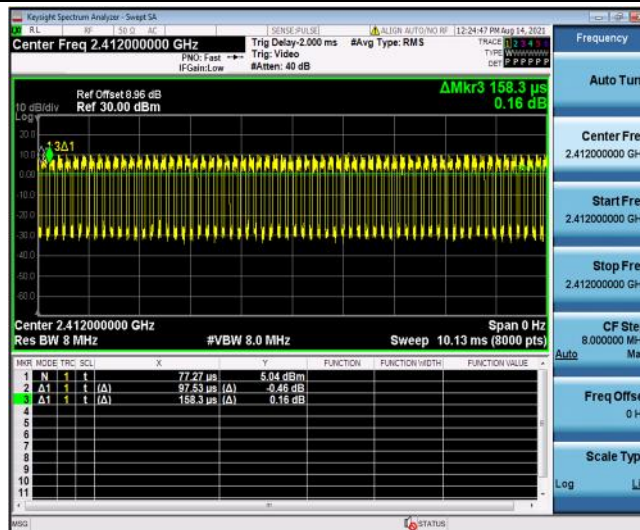
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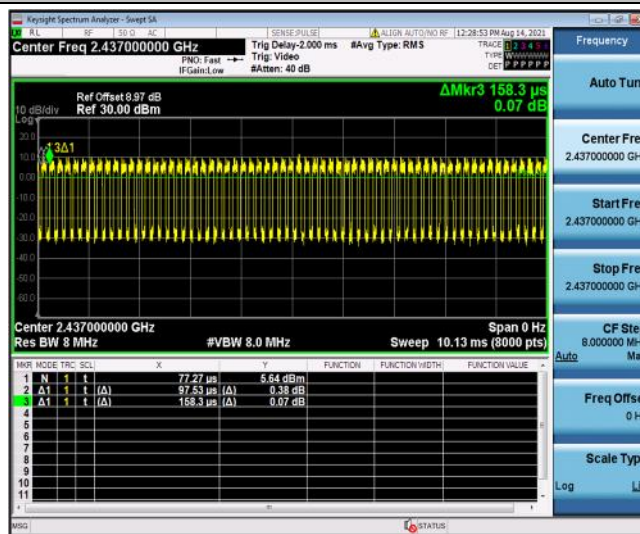
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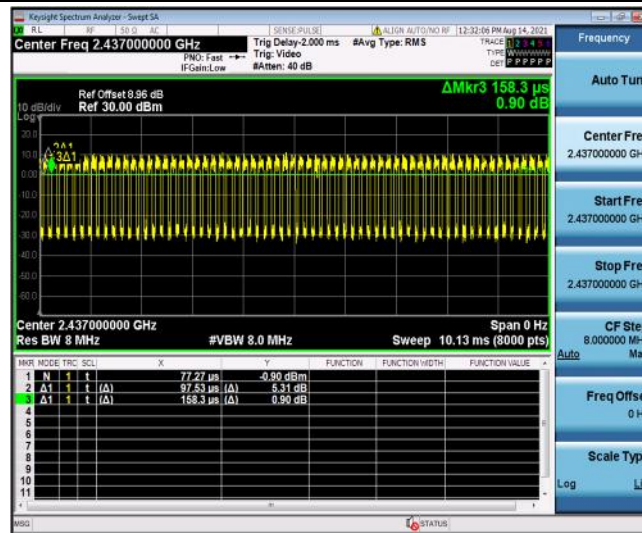
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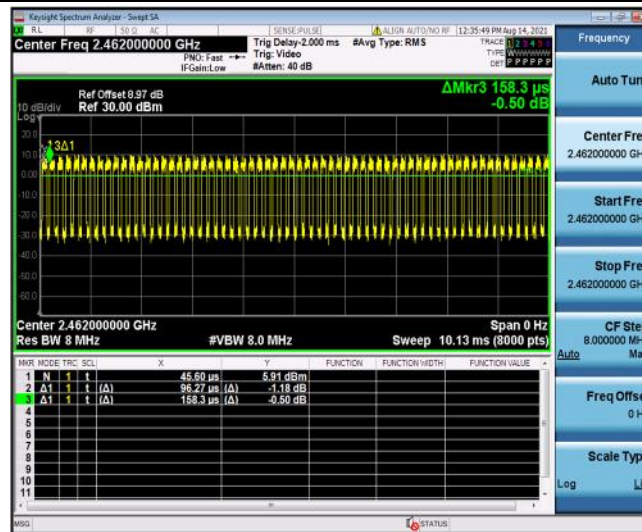
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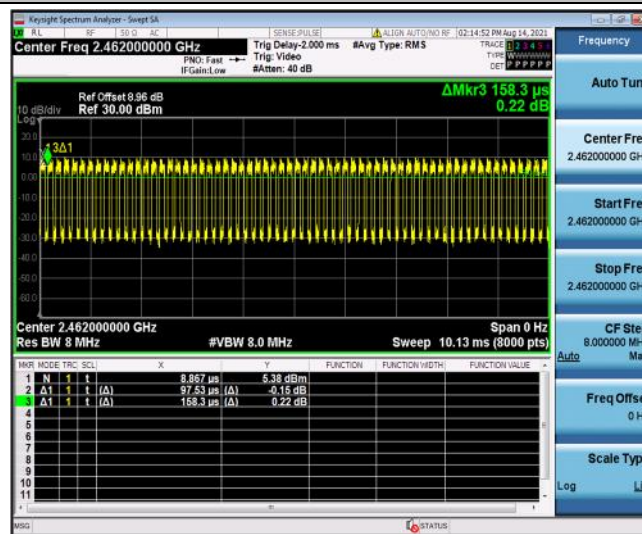
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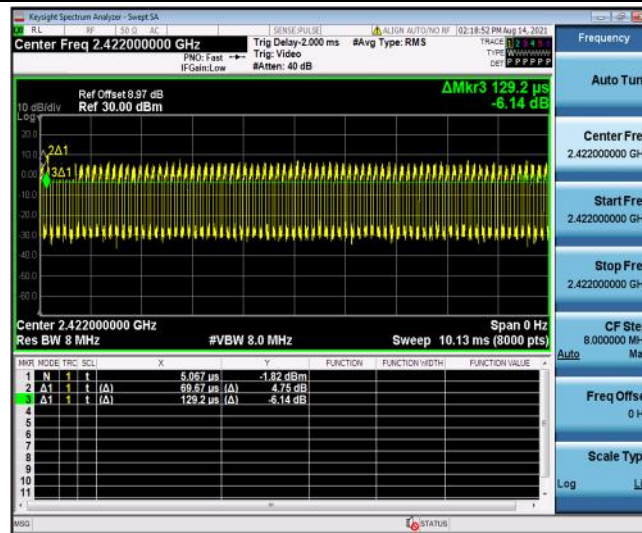
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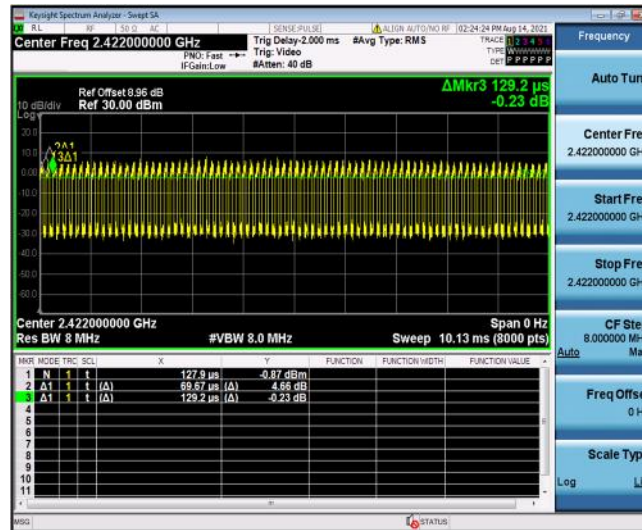
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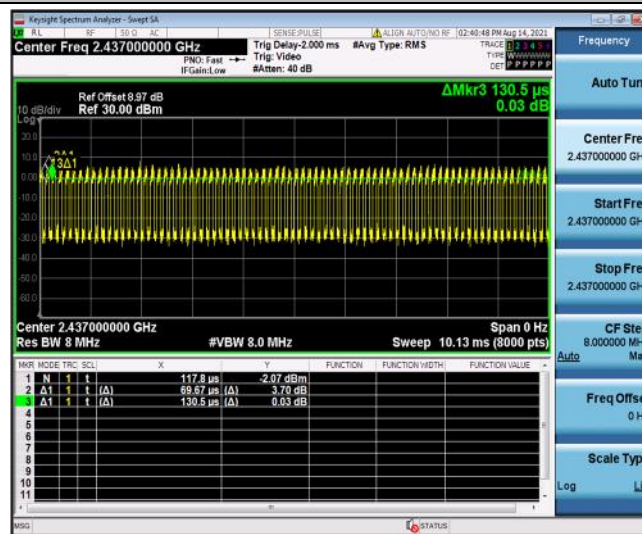
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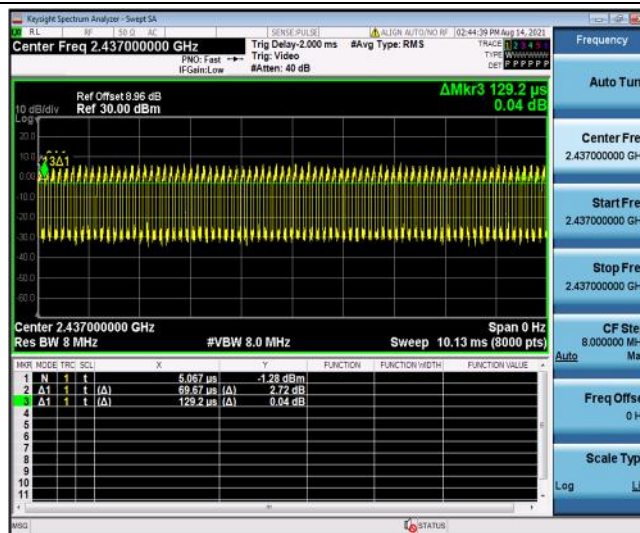
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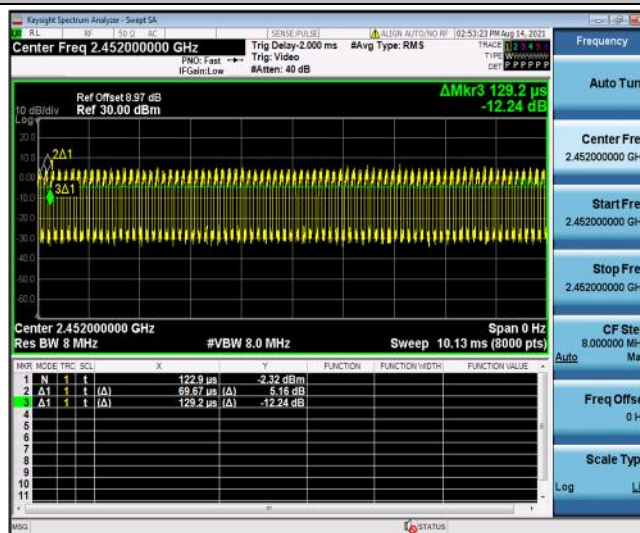
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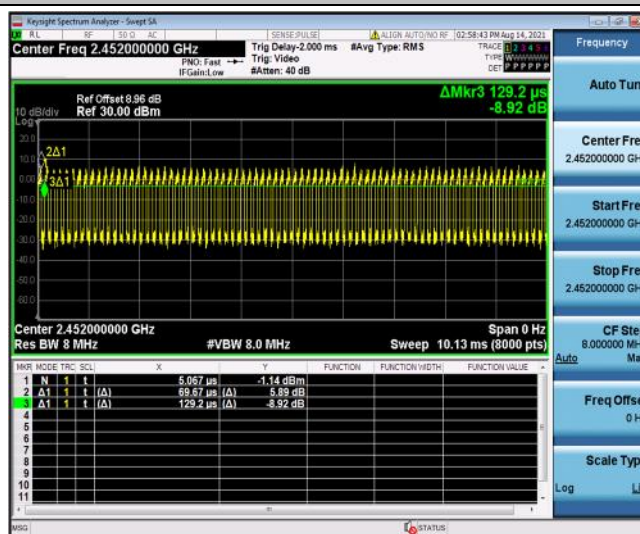
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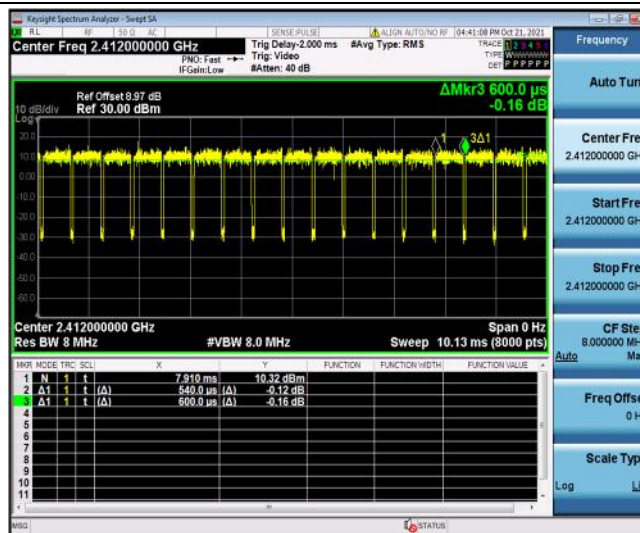
11N40MIMO_Ant2_2437



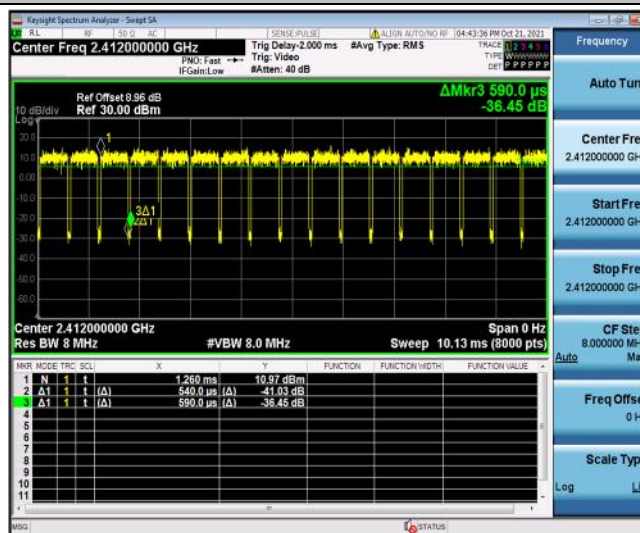
11N40MIMO_Ant1_2452



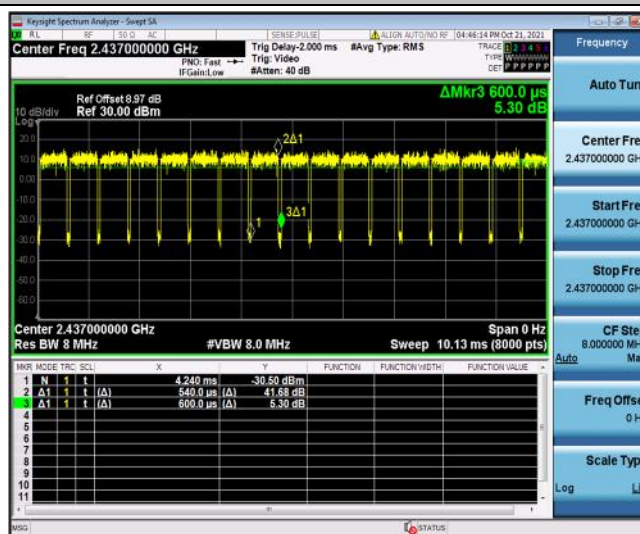
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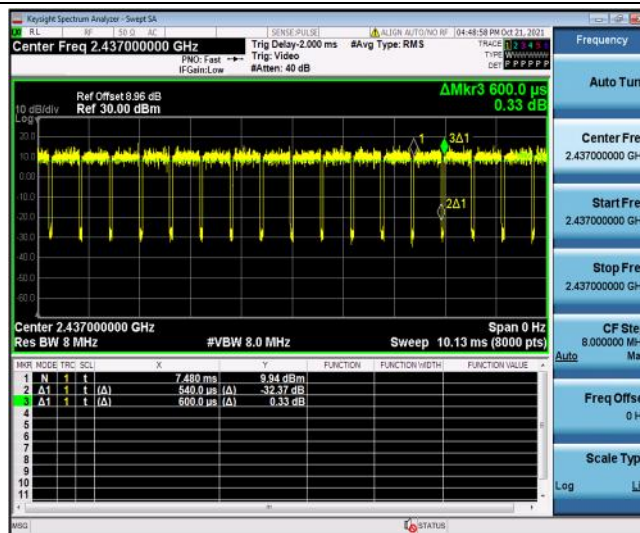
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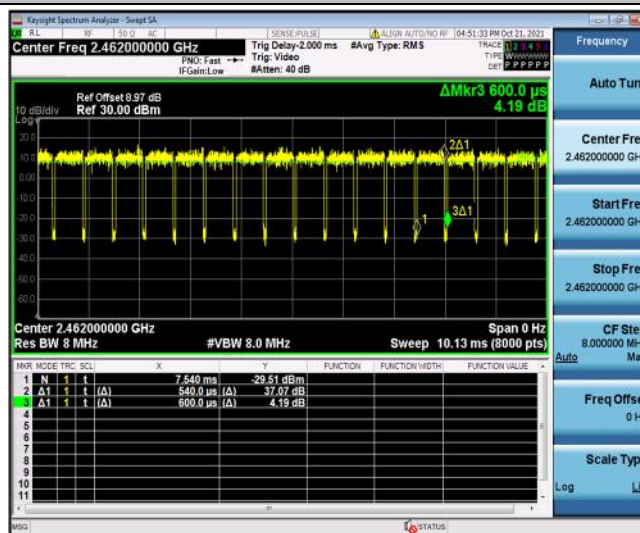
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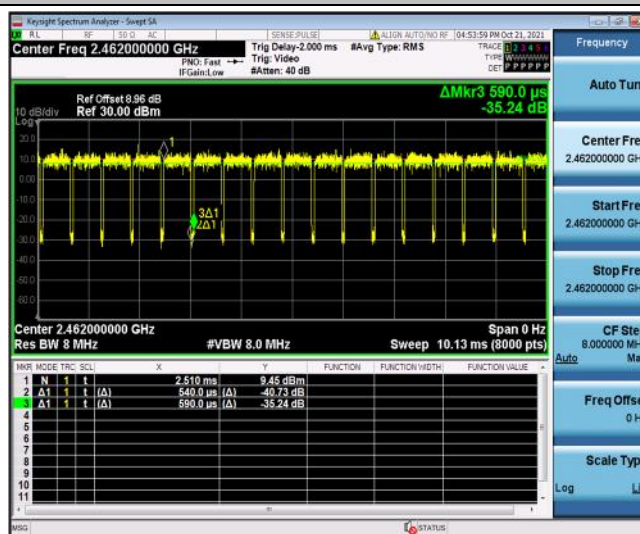
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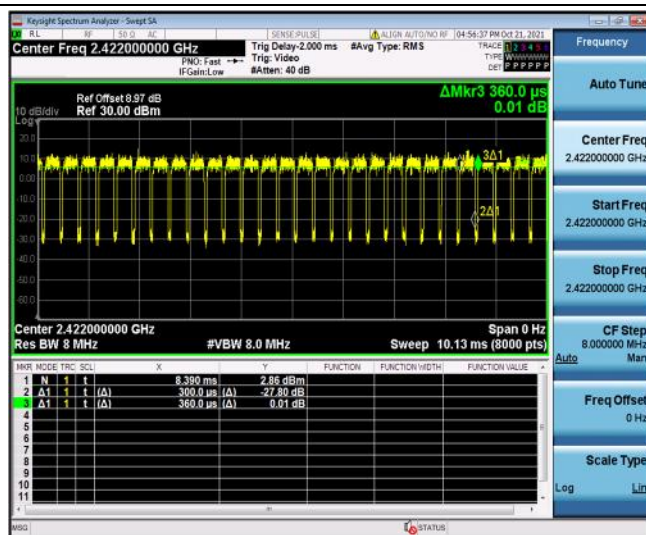
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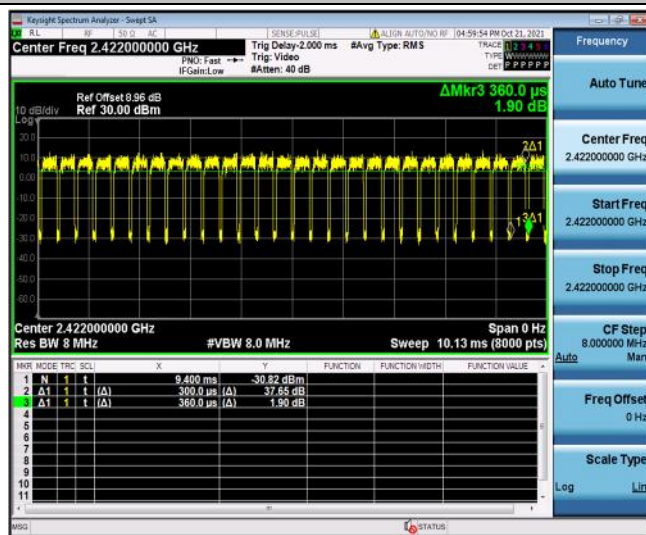
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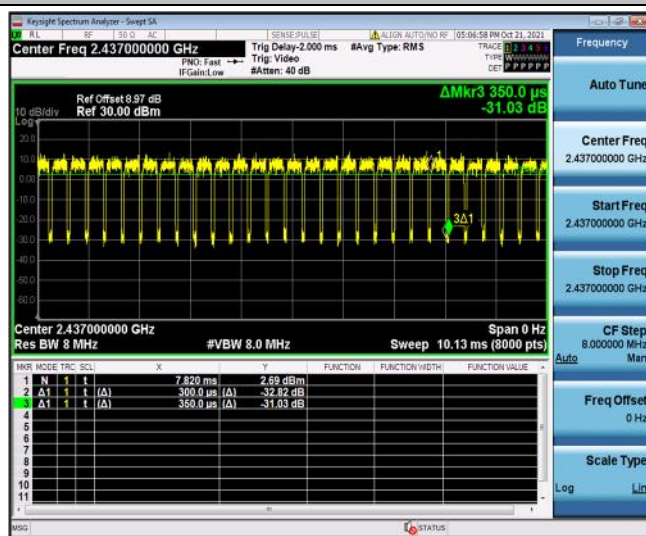
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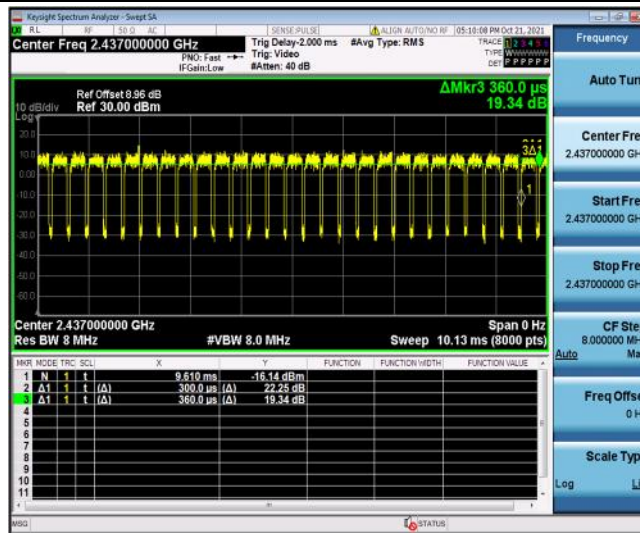
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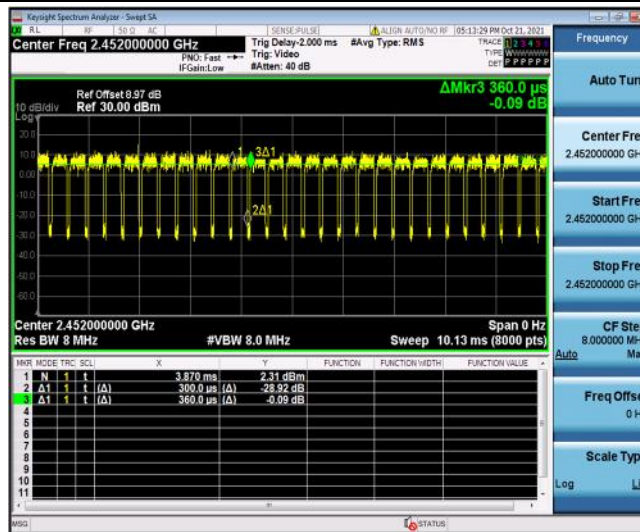
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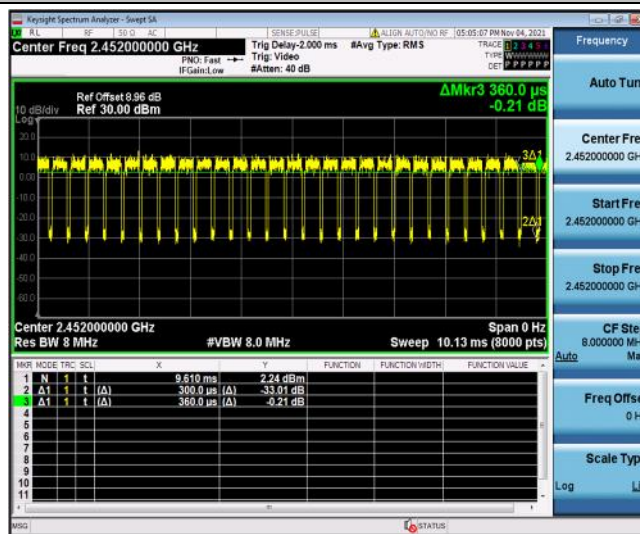
11AX40MIMO_Ant1_2437



11AX40MIMO_Ant2_2437



11AX40MIMO_Ant1_2452



11AX40MIMO_Ant2_2452