

Appendix B

Report No.:	CISRR24013016502
FCC ID:	2BE3U-C6
Product Name:	Encoder
Model No.:	C6
Test Engineer:	Lucas Huang
Supervised by:	Rory Huang

Frequency Stability

Measured all conditions and recorded worst case.

IEEE 802.11a Mode/5180-5240 MHz/ 5180 MHz

Enviroment Temperature(Degree)	Voltage(v)	Center Frequency (MHz)	Calculated Value of Center Frequency(MHz)	Limit (ppm)	State
20	HV	5180.0	5179.982794	5150-5250	PASS
20	LV	5180.0	5179.982079		PASS
50	NV	5180.0	5179.982995		PASS
40	NV	5180.0	5179.983586		PASS
30	NV	5180.0	5179.982147		PASS
20	NV	5180.0	5179.983385		PASS
10	NV	5180.0	5179.982216		PASS
0	NV	5180.0	5179.983516		PASS
-10	NV	5180.0	5179.983641		PASS
-20	NV	5180.0	5179.983095		PASS
-30	NV	5180.0	5179.982794		PASS

IEEE 802.11a Mode/5180-5240 MHz/ 5240 MHz

Enviroment Temperature(Degree)	Voltage(v)	Center Frequency (MHz)	Calculated Value of Center Frequency(MHz)	Limit (ppm)	State
20	HV	5240.0	5239.998670	5150-5250	PASS
20	LV	5240.0	5239.999505		PASS
50	NV	5240.0	5239.999568		PASS
40	NV	5240.0	5239.999290		PASS
30	NV	5240.0	5239.998109		PASS
20	NV	5240.0	5239.999002		PASS
10	NV	5240.0	5239.998059		PASS
0	NV	5240.0	5239.997521		PASS
-10	NV	5240.0	5239.999270		PASS
-20	NV	5240.0	5239.998413		PASS
-30	NV	5240.0	5239.998887		PASS

Conducted Peak Output Power

Conducted output power

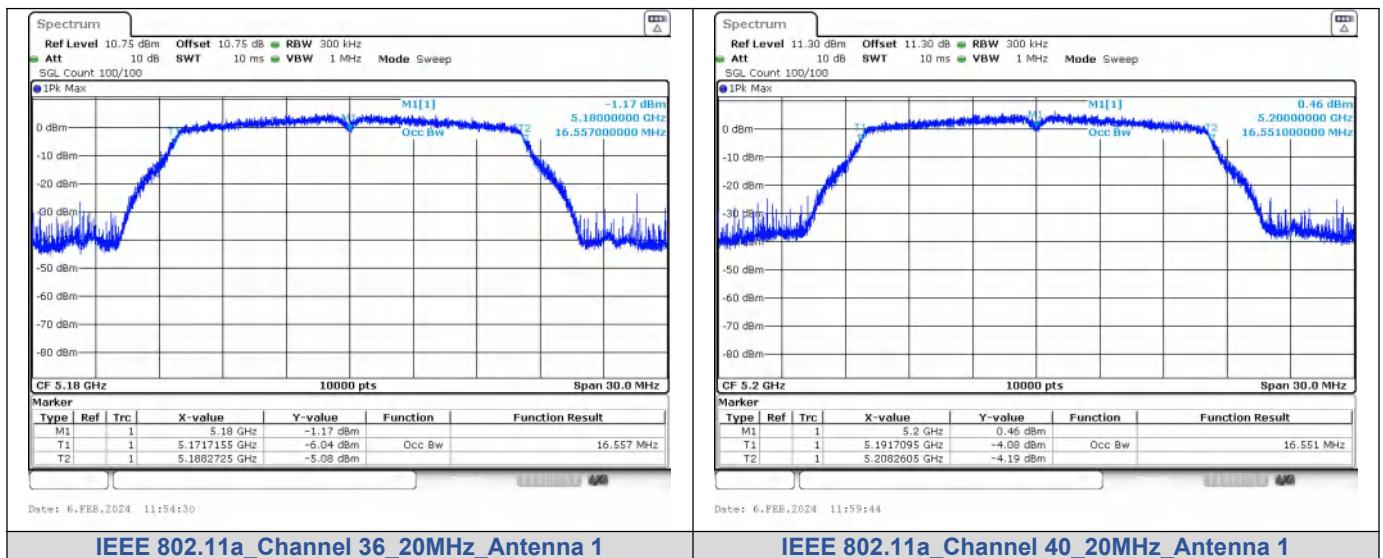
Mode	Channel	RU & Index	Corr'd Value Ant. 1 (dBm)	Limit (dBm)	Result
IEEE 802.11a	36	N/A	12.03	24	PASS
	40		12.03	24	PASS
	48		11.92	24	PASS
IEEE 802.11n_20	36		11.86	24	PASS
	40		11.83	24	PASS
	48		11.73	24	PASS
IEEE 802.11n_40	38		11.32	24	PASS
	46		11.18	24	PASS
IEEE 802.11ac_20	36		11.93	24	PASS
	40		11.97	24	PASS
	48		11.77	24	PASS
IEEE 802.11ac_40	38		11.49	24	PASS
	46		11.33	24	PASS
IEEE 802.11ac_80	42		10.42	24	PASS
IEEE 802.11ax_20	36	SU	15.89	24	PASS
	40		15.24	24	PASS
	48		13.62	24	PASS
IEEE 802.11ax_40	38		15.5	24	PASS
	46		13.55	24	PASS
IEEE 802.11ax_80	42		15.18	24	PASS

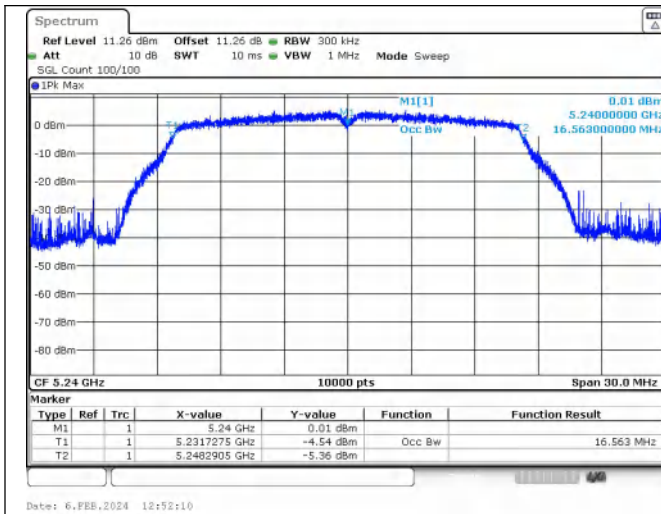
99% Bandwidth

Test Result

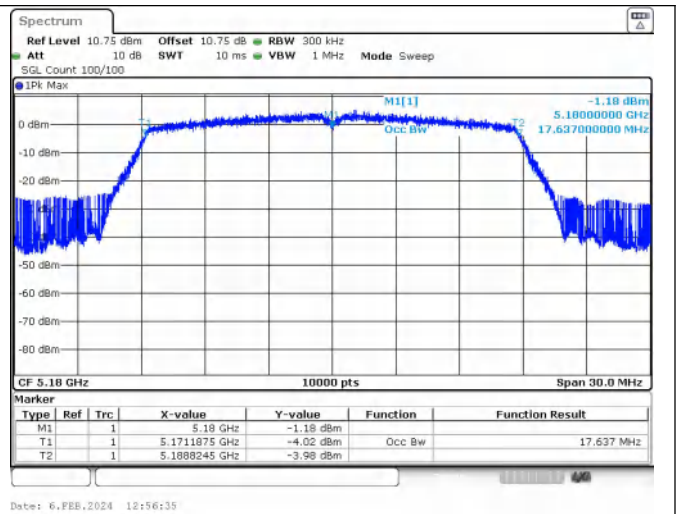
Mode	Channel	RU & Index	Ant.	99% BW (MHz)
IEEE 802.11a	36	N/A	1	16.560
	40			16.550
	48			16.560
IEEE 802.11n_20	36			17.640
	40			17.630
	48			17.630
IEEE 802.11n_40	38			36.010
	46			36.050
IEEE 802.11ac_20	36			17.620
	40			17.620
	48			17.630
IEEE 802.11ac_40	38			35.950
	46			36.050
IEEE 802.11ac_80	42			75.070
IEEE 802.11ax_20	36	SU		16.950
	40			16.920
	48			16.650
IEEE 802.11ax_40	38			36.470
	46			36.080
IEEE 802.11ax_80	42			75.780

Test Graphs

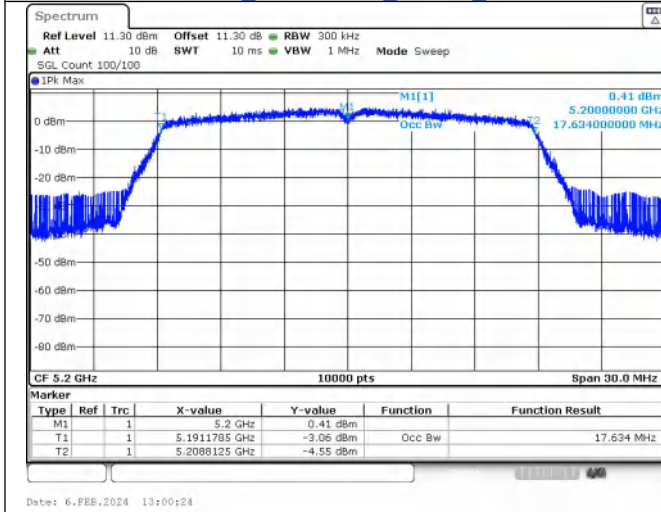




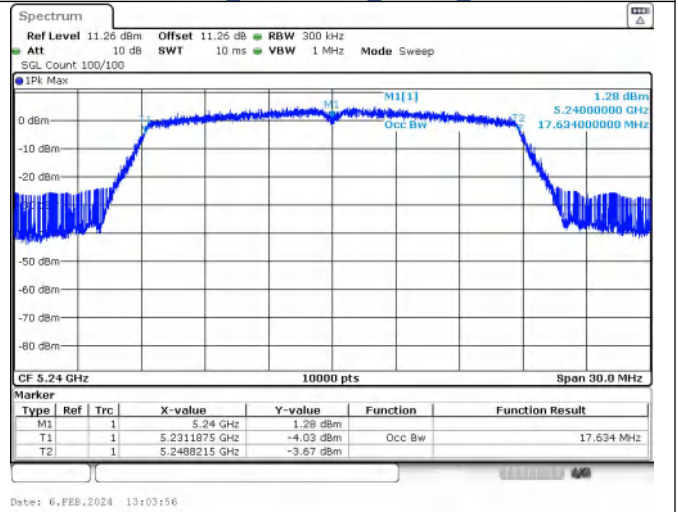
IEEE 802.11a_Channel 48_20MHz_Antenna 1



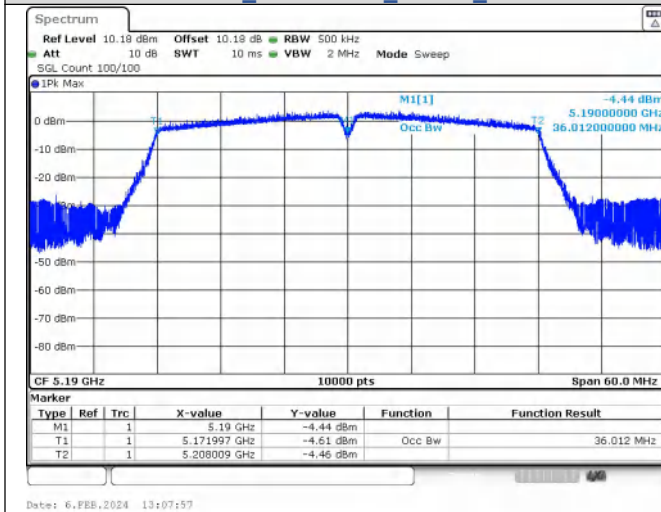
IEEE 802.11n_Channel 36_20MHz_Antenna 1



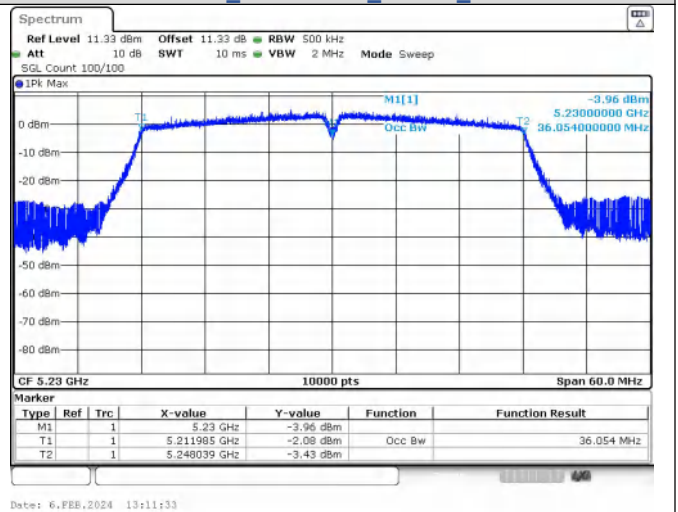
IEEE 802.11n_Channel 40_20MHz_Antenna 1



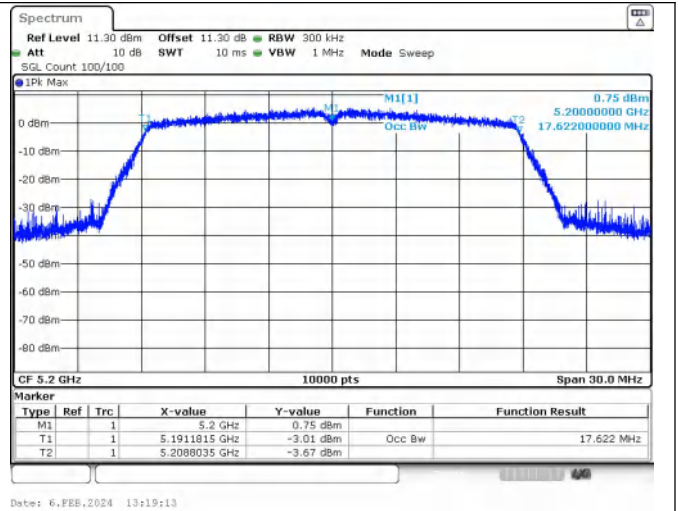
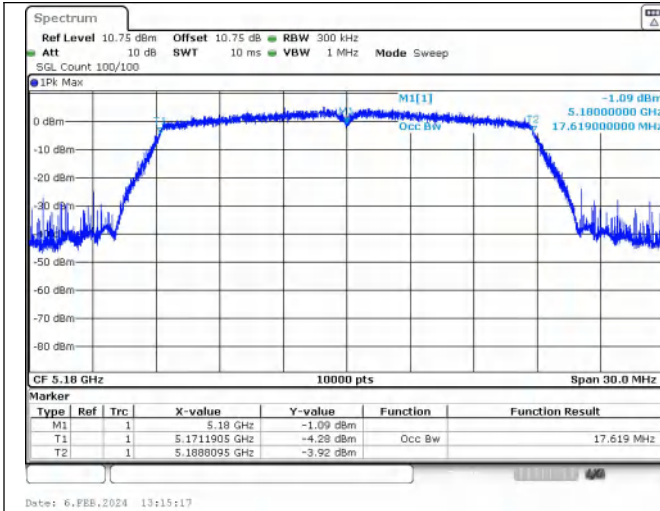
IEEE 802.11n_Channel 48_20MHz_Antenna 1



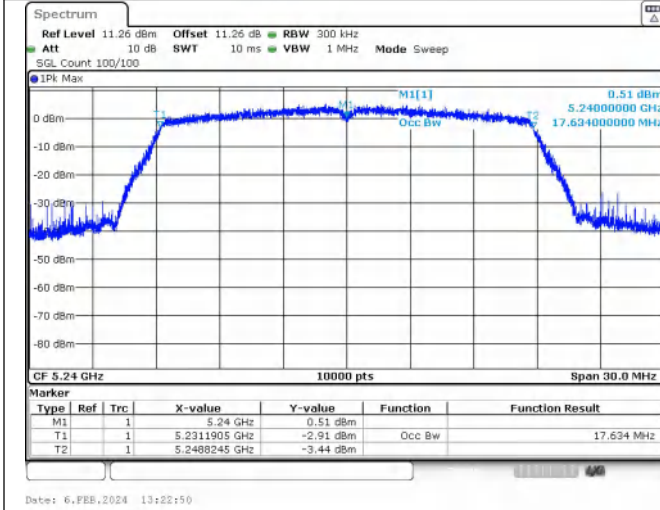
IEEE 802.11n_Channel 38_40MHz_Antenna 1



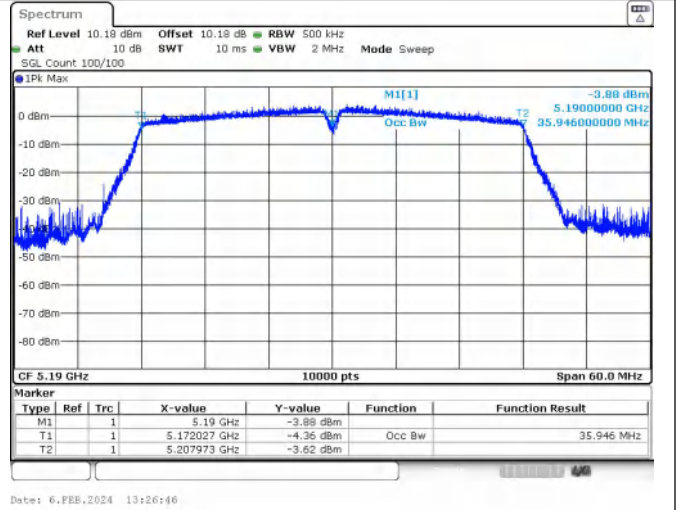
IEEE 802.11n_Channel 46_40MHz_Antenna 1



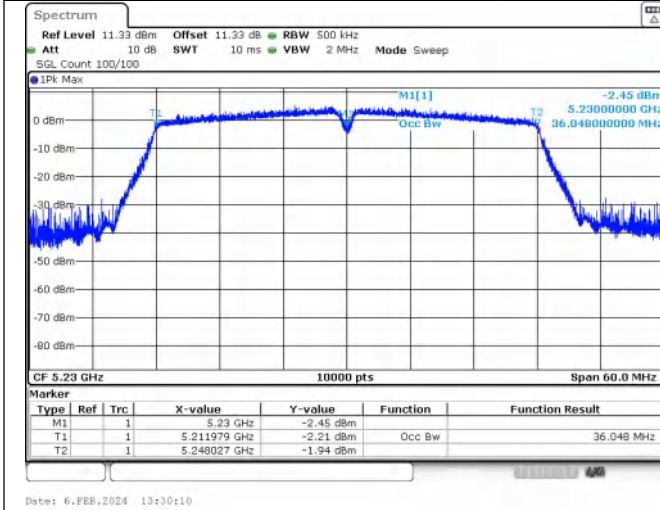
IEEE 802.11ac_Channel 36_20MHz_Antenna 1



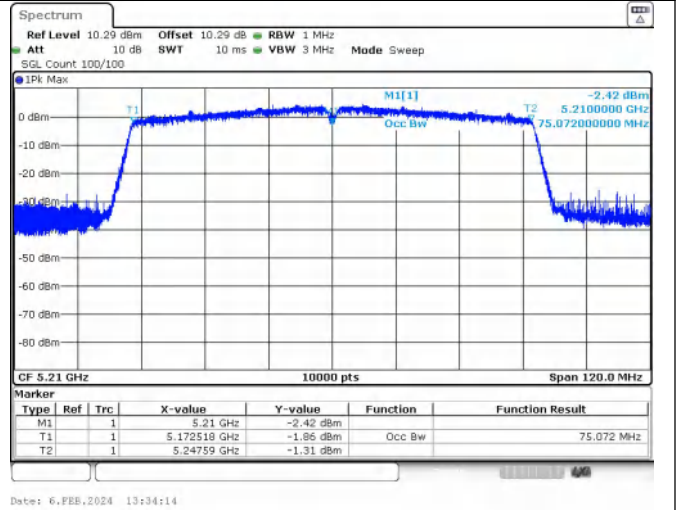
IEEE 802.11ac_Channel 40_20MHz_Antenna 1



IEEE 802.11ac_Channel 48_20MHz_Antenna 1

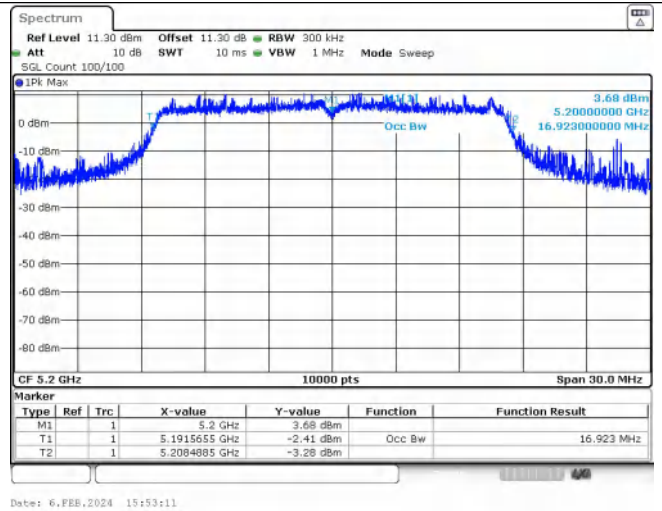
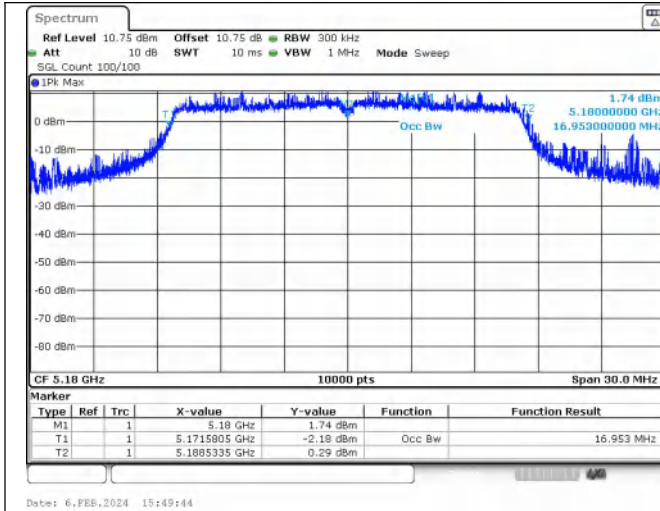


IEEE 802.11ac_Channel 38_40MHz_Antenna 1

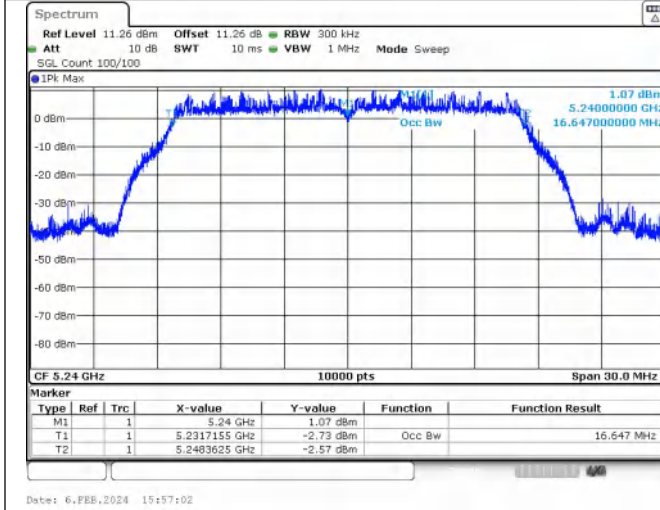


IEEE 802.11ac_Channel 46_40MHz_Antenna 1

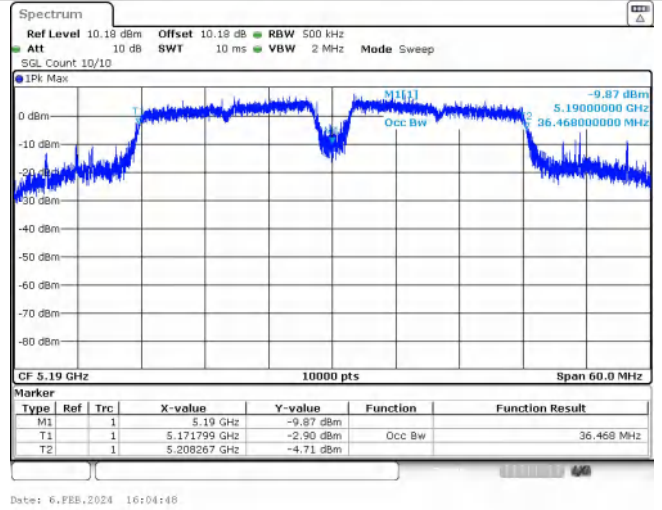
IEEE 802.11ac_Channel 42_80MHz_Antenna 1



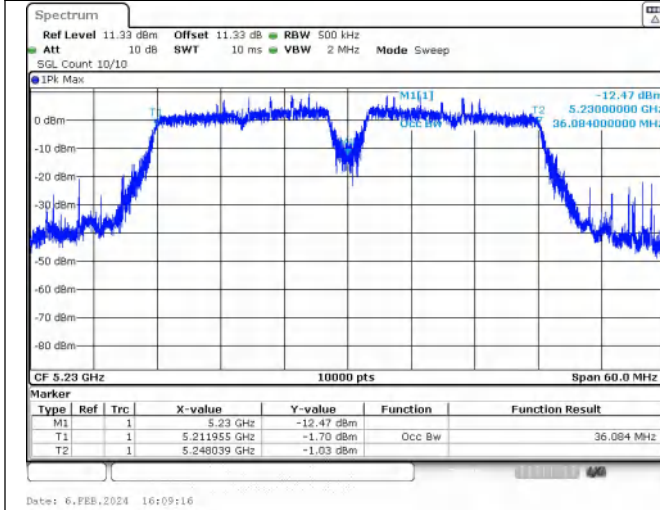
IEEE 802.11ax_Channel 36_20MHz_Antenna 1



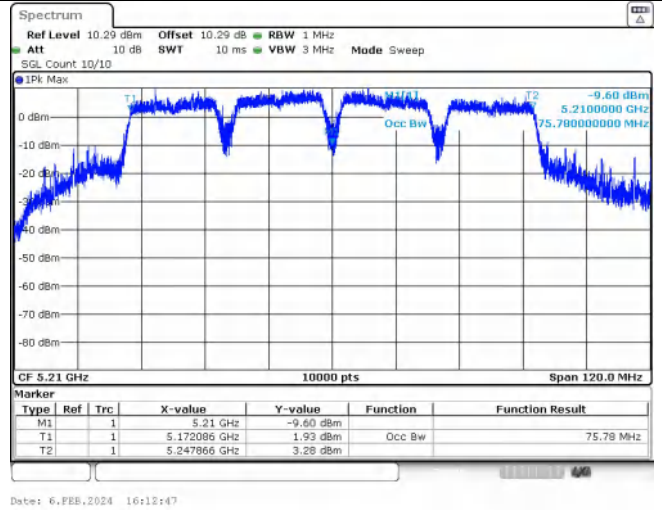
IEEE 802.11ax_Channel 40_20MHz_Antenna 1



IEEE 802.11ax_Channel 48_20MHz_Antenna 1



IEEE 802.11ax_Channel 38_40MHz_Antenna 1



IEEE 802.11ax_Channel 46_40MHz_Antenna 1

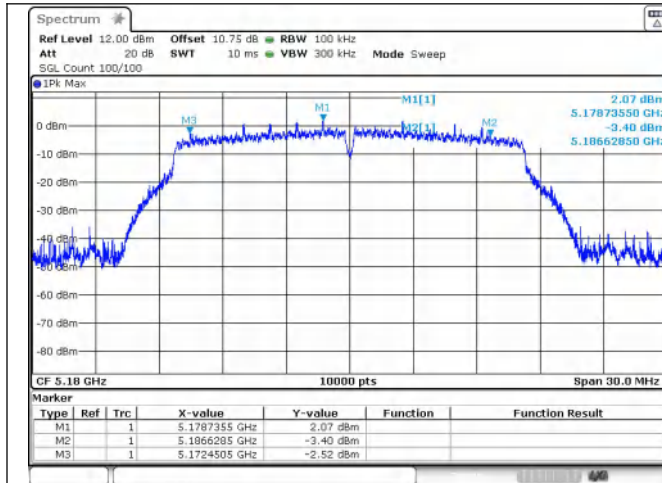
IEEE 802.11ax_Channel 42_80MHz_Antenna 1

6dB Bandwidth

Test Result

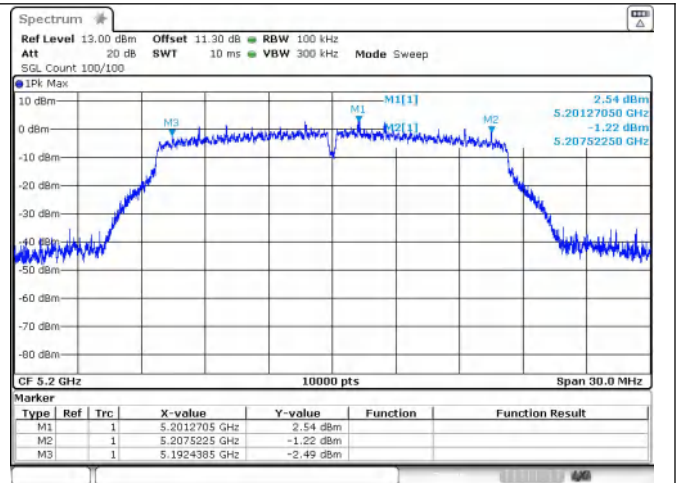
Mode	Channel	RU & Index	Ant.	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
IEEE 802.11a	36	N/A	1	5180	14.18	0.5	PASS
	40			5200	15.08		PASS
	48			5240	15.05		PASS
IEEE 802.11n_20	36			5180	15.06		PASS
	40			5200	15.05		PASS
	48			5240	15.01		PASS
IEEE 802.11n_40	38			5190	35.07		PASS
	46			5230	35.04		PASS
IEEE 802.11ac_20	36			5180	15.06		PASS
	40			5200	15.09		PASS
	48			5240	15.08		PASS
IEEE 802.11ac_40	38			5190	35.07		PASS
	46			5230	35.05		PASS
IEEE 802.11ac_80	42				5210		75.04
IEEE 802.11ax_20	36	SU		5180	15.16	PASS	
	40			5200	15.14	PASS	
	48			5240	15.18	PASS	
IEEE 802.11ax_40	38			5190	34.98	PASS	
	46			5230	35.07	PASS	
IEEE 802.11ax_80	42				5210	70.02	PASS

Test Graphs



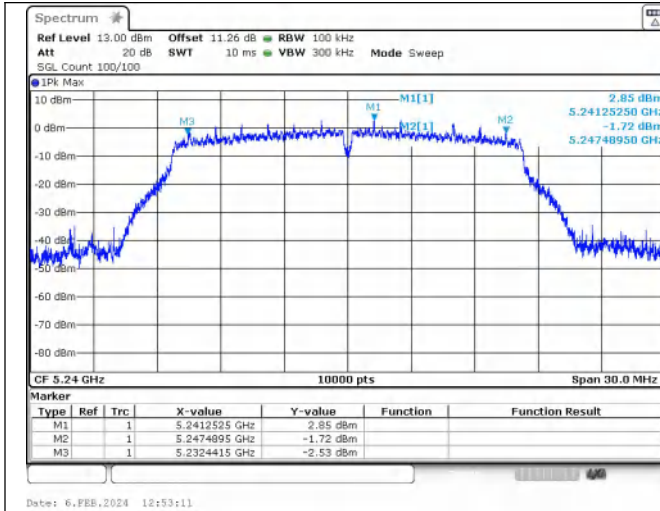
Date: 6.FEB.2024 11:55:33

IEEE 802.11a_Channel 36_20MHz_Antenna 1

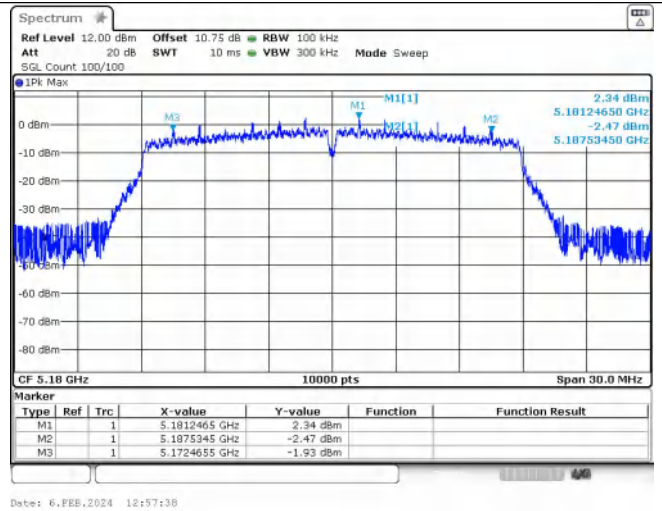


Date: 6.FEB.2024 12:00:44

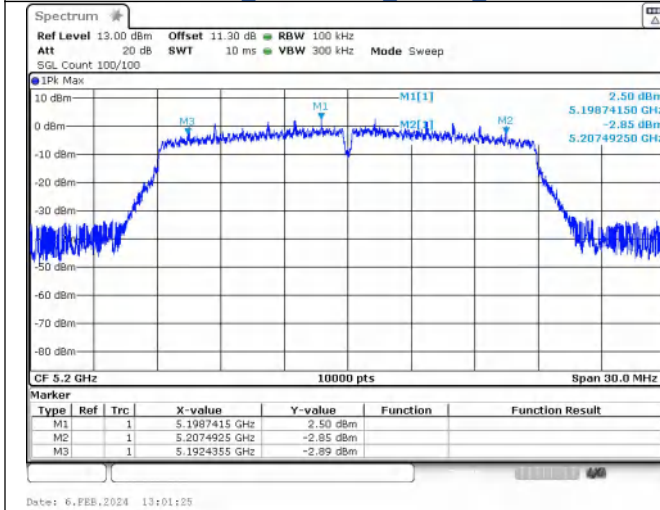
IEEE 802.11a_Channel 40_20MHz_Antenna 1



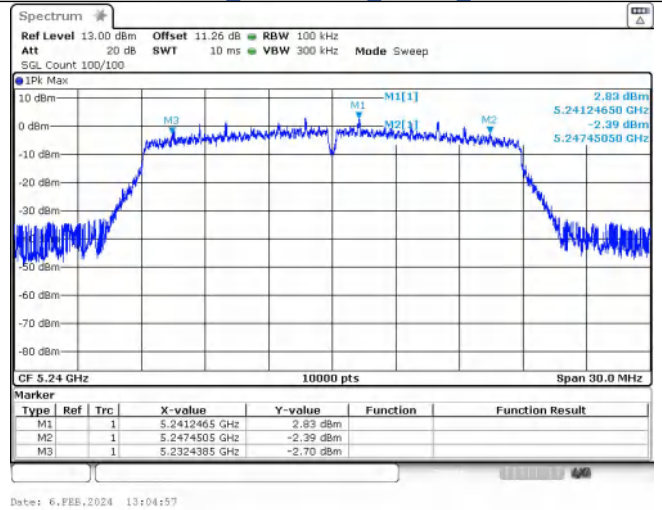
IEEE 802.11a_Channel 48_20MHz_Antenna 1



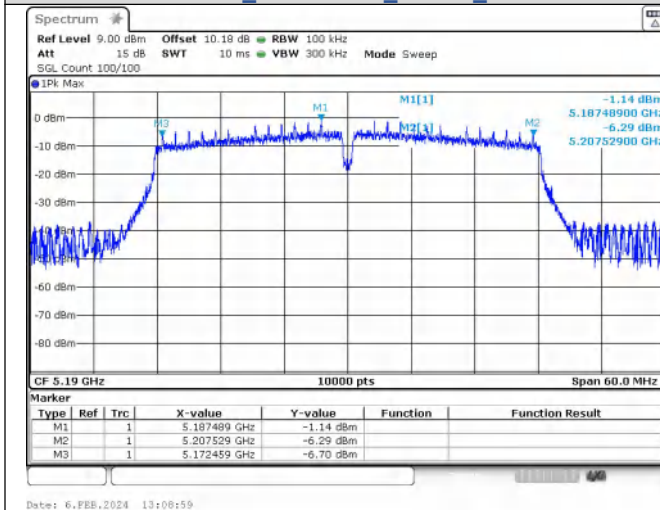
IEEE 802.11n_Channel 36_20MHz_Antenna 1



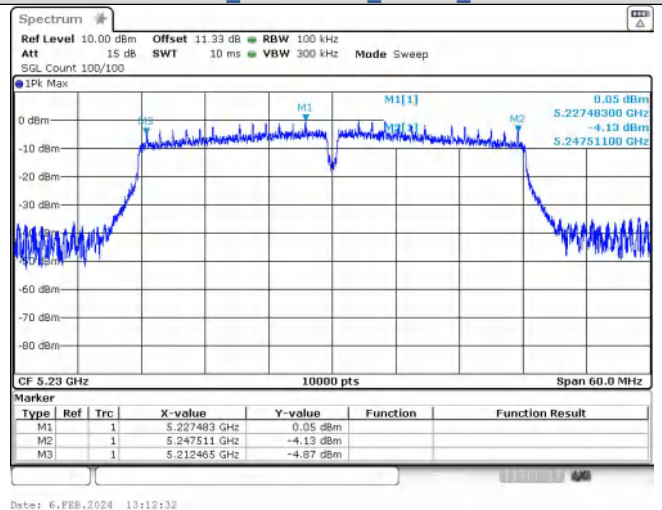
IEEE 802.11a_Channel 40_20MHz_Antenna 1



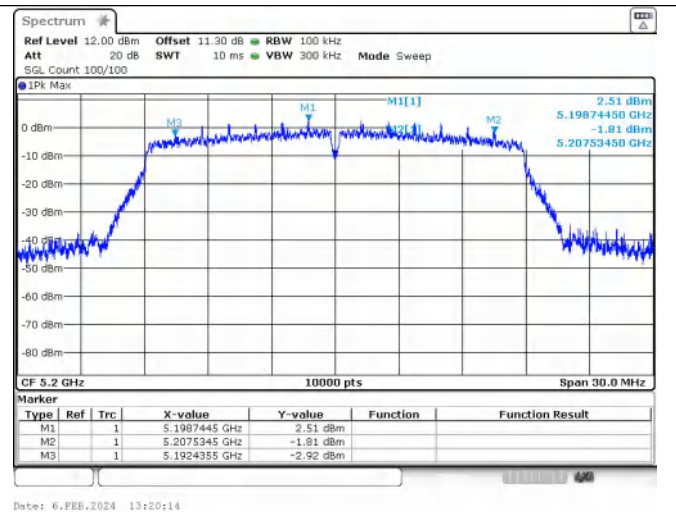
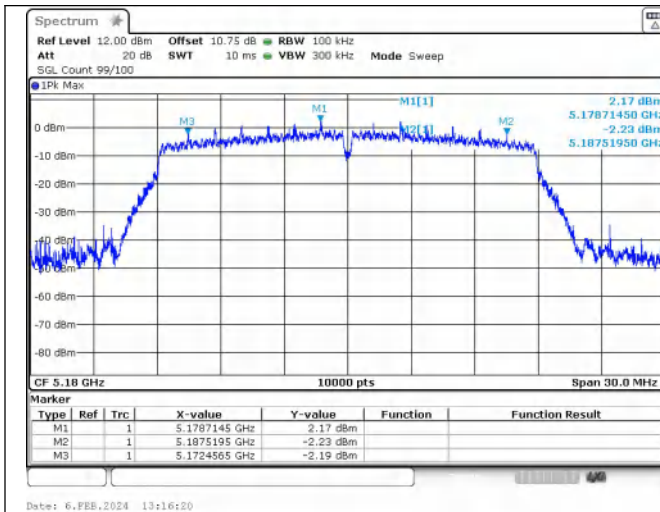
IEEE 802.11n_Channel 36_20MHz_Antenna 1



IEEE 802.11n_Channel 40_40MHz_Antenna 1

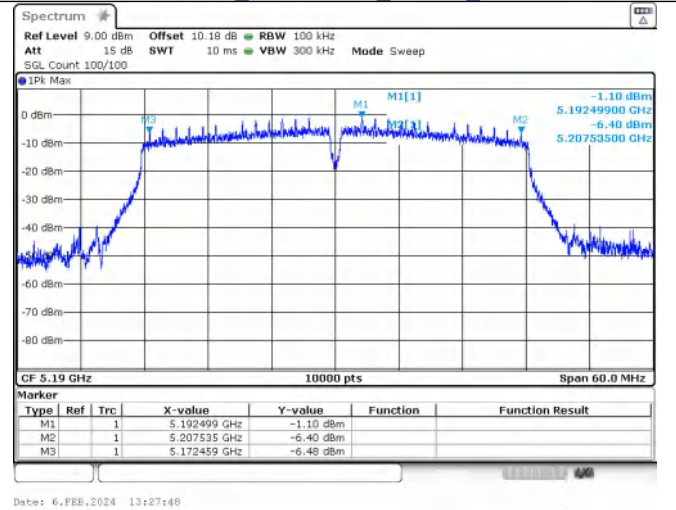
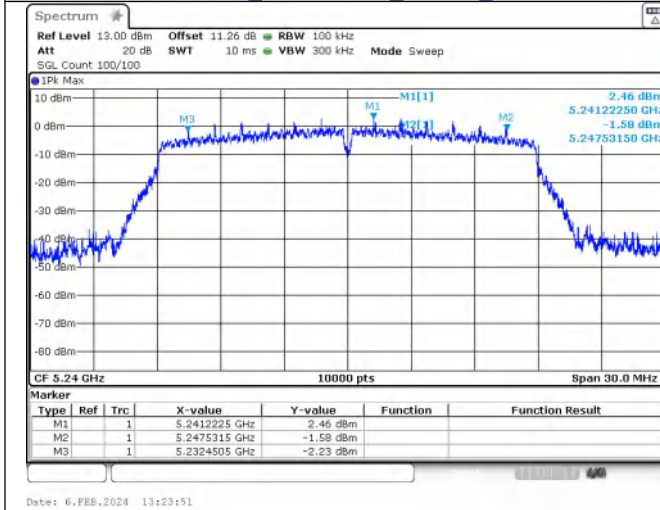


IEEE 802.11n_Channel 48_40MHz_Antenna 1



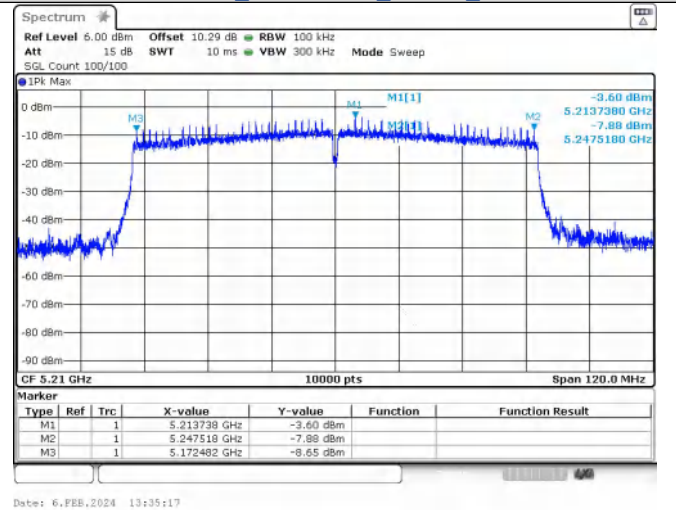
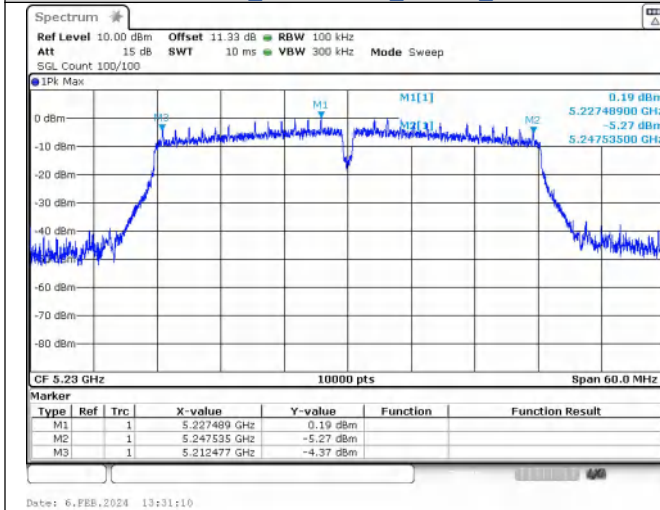
IEEE 802.11ac_Channel 36_20MHz_Antenna 1

IEEE 802.11ac_Channel 40_20MHz_Antenna 1



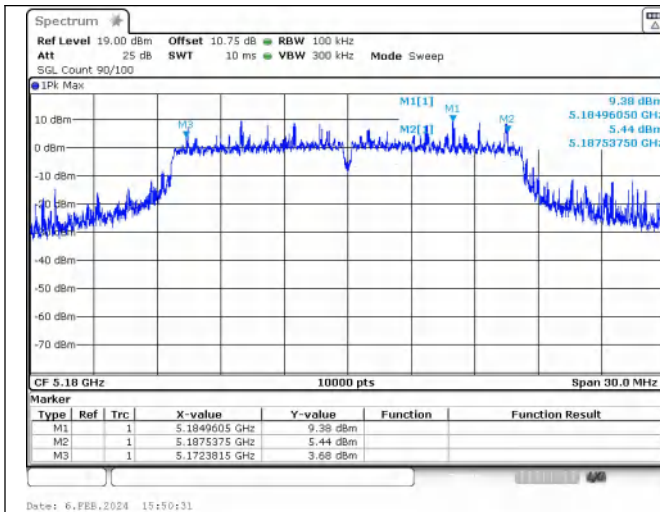
IEEE 802.11ac_Channel 48_20MHz_Antenna 1

IEEE 802.11ac_Channel 38_40MHz_Antenna 1

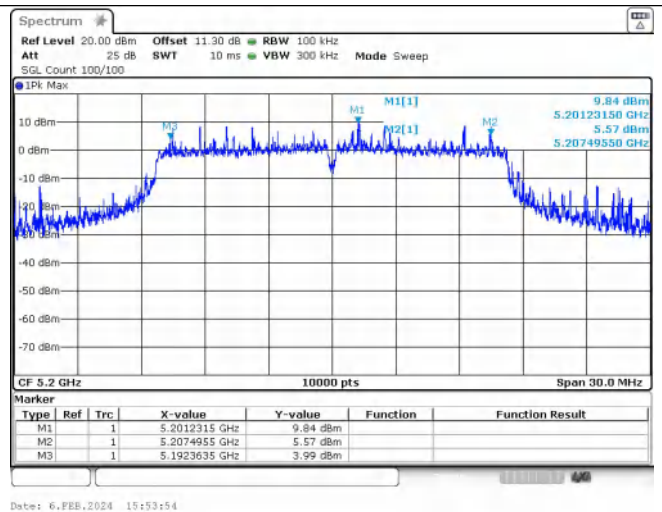


IEEE 802.11ac_Channel 46_40MHz_Antenna 1

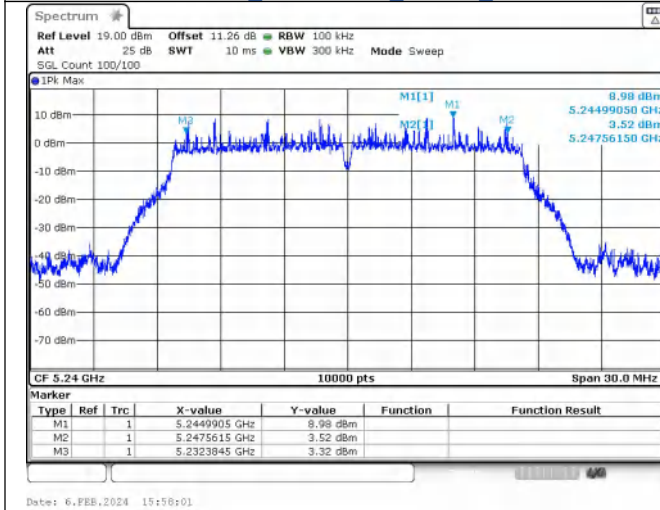
IEEE 802.11ac_Channel 42_80MHz_Antenna 1



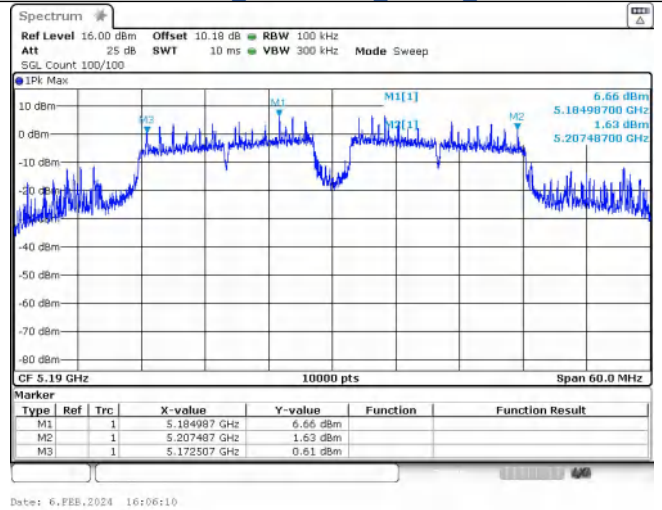
IEEE 802.11ax_Channel 36_20MHz_Antenna 1



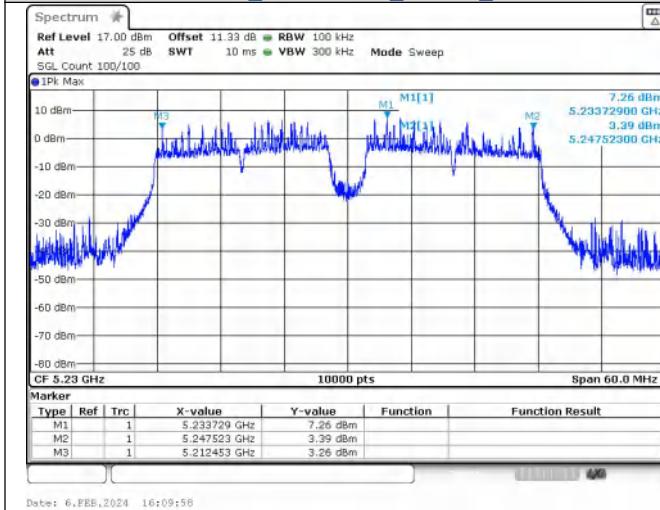
IEEE 802.11ax_Channel 40_20MHz_Antenna 1



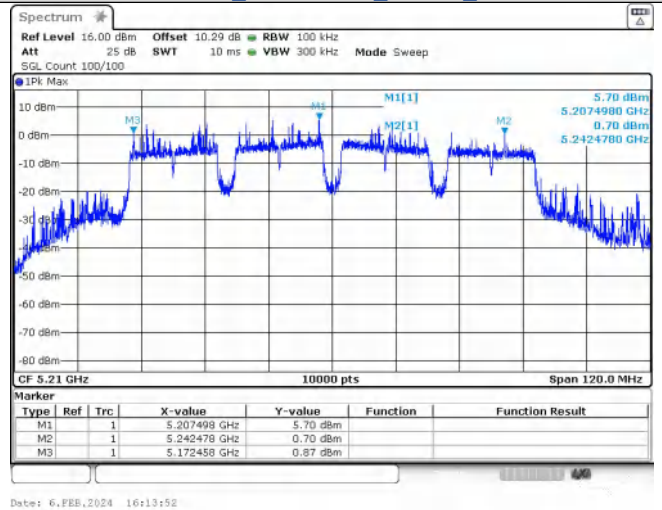
IEEE 802.11ax_Channel 48_20MHz_Antenna 1



IEEE 802.11ax_Channel 38_40MHz_Antenna 1



IEEE 802.11ax_Channel 46_40MHz_Antenna 1



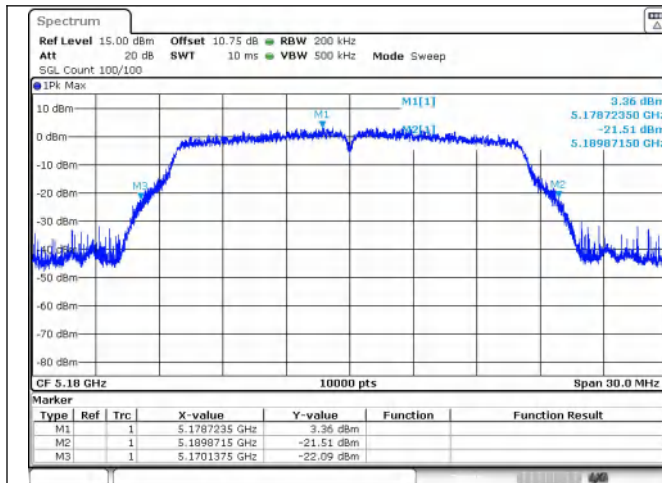
IEEE 802.11ax_Channel 42_80MHz_Antenna 1

26dB Bandwidth

Test Result

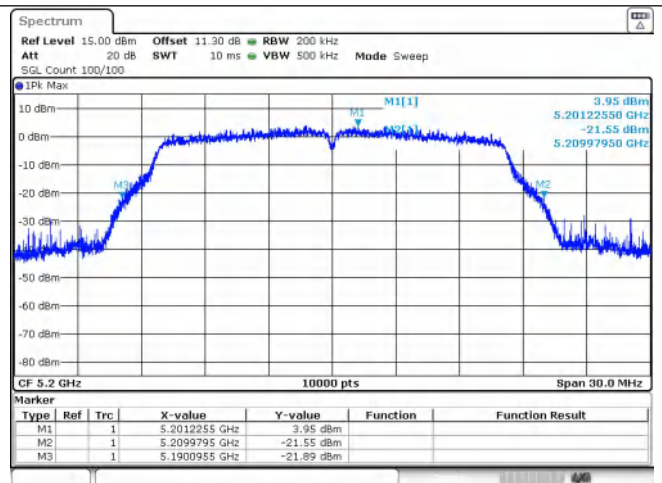
Mode	Channel	RU & Index	Ant.	Center Frequency (MHz)	26 dB Bandwidth (MHz)	RBW/EBW
IEEE 802.11a	36	N/A	1	5180	19.73	1.13
	40			5200	19.88	1.11
	48			5240	19.85	1.12
IEEE 802.11n_20	36			5180	20.12	1.11
	40			5200	20.15	1.11
	48			5240	20.15	1.11
IEEE 802.11n_40	38			5190	40.50	1.05
	46			5230	40.63	1.05
IEEE 802.11ac_20	36			5180	20.03	1.12
	40			5200	20.06	1.12
	48			5240	20.27	1.1
IEEE 802.11ac_40	38			5190	40.70	1.06
	46			5230	40.84	1.04
IEEE 802.11ac_80	42				5210	80.87
IEEE 802.11ax_20	36	SU	5180	30.00	1.0	
	40		5200	30.00	1.0	
	48		5240	18.91	1.15	
IEEE 802.11ax_40	38		5190	59.04	1.03	
	46		5230	44.59	1.14	
IEEE 802.11ax_80	42			5210	108.83	1.0

Test Graphs



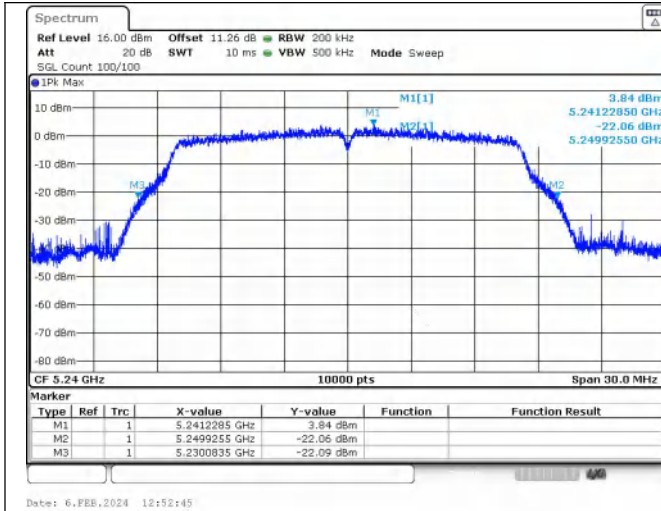
Date: 6.FEB.2024 11:55:06

IEEE 802.11a_Channel 36_20MHz_Antenna 1

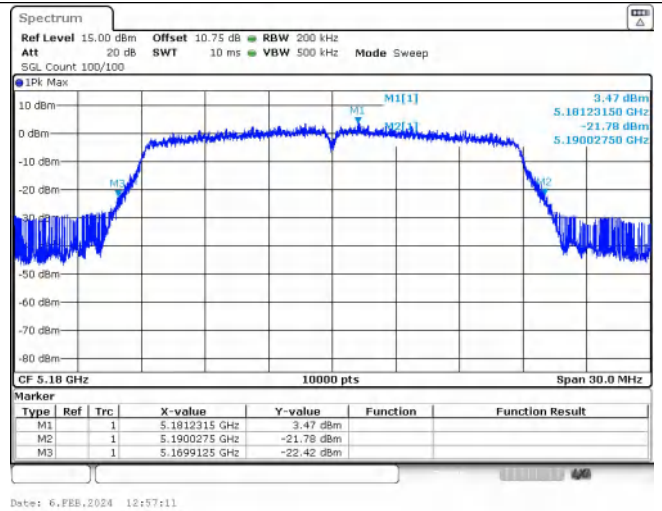


Date: 6.FEB.2024 12:00:16

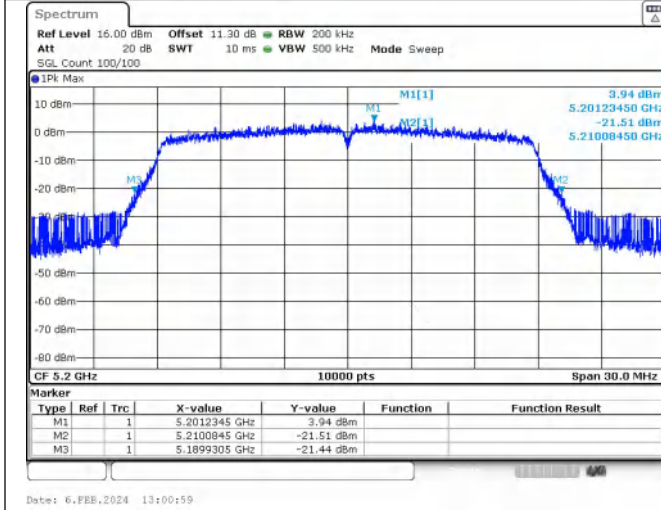
IEEE 802.11a_Channel 40_20MHz_Antenna 1



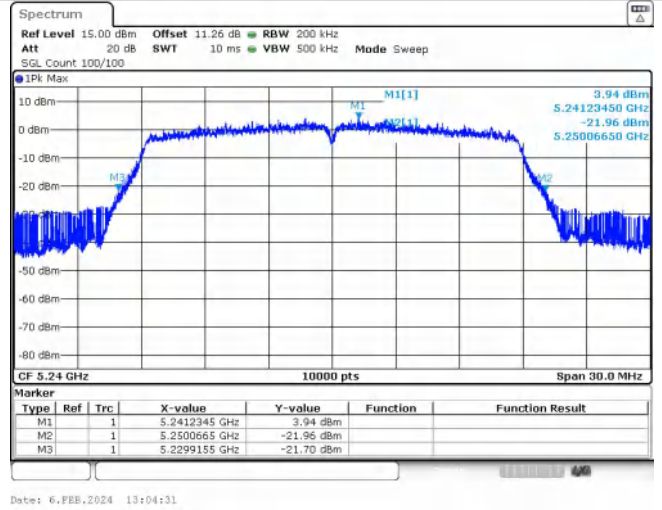
IEEE 802.11a_Channel 48_20MHz_Antenna 1



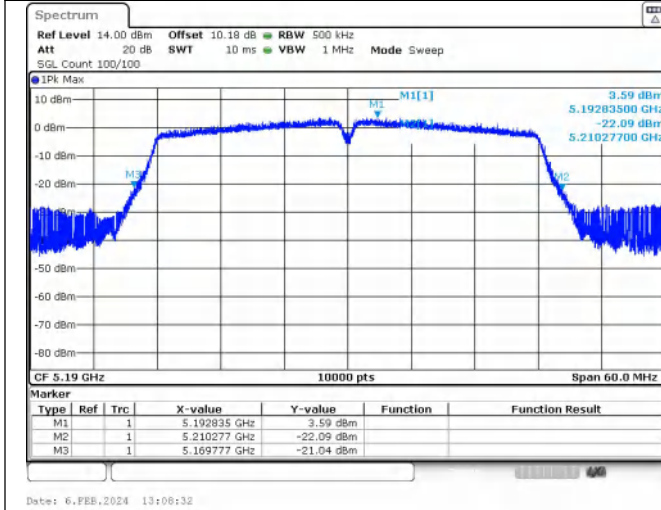
IEEE 802.11n_Channel 36_20MHz_Antenna 1



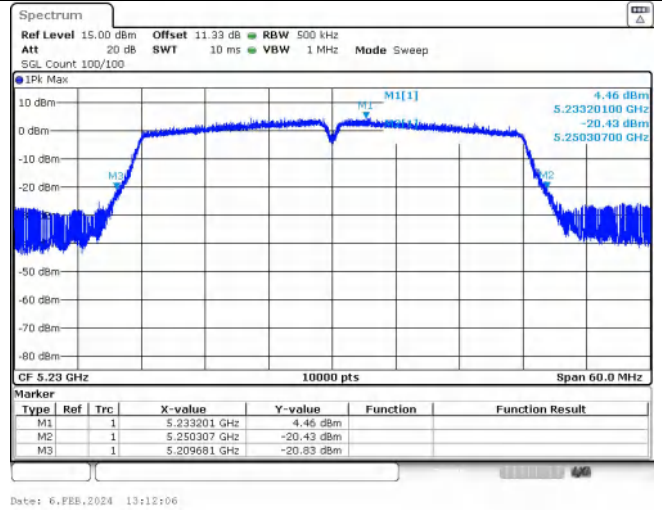
IEEE 802.11a_Channel 40_20MHz_Antenna 1



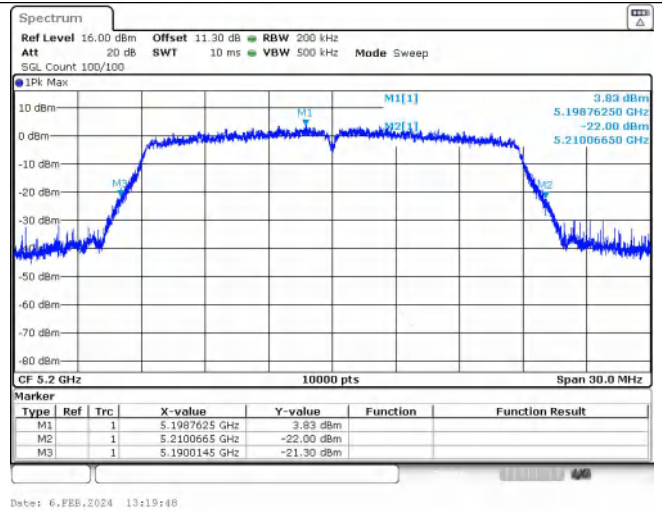
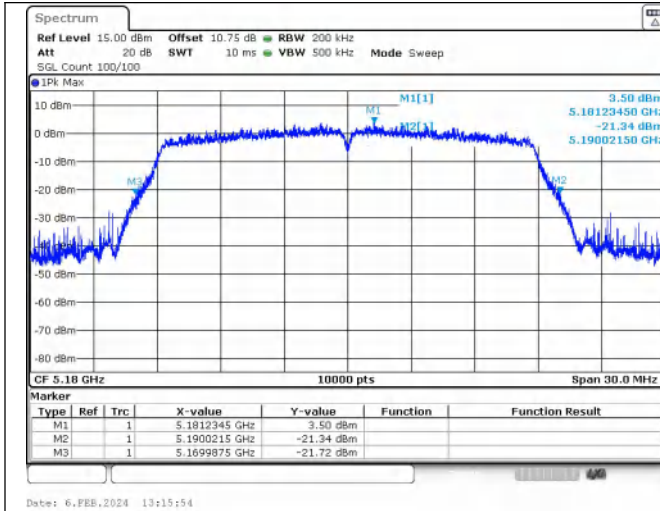
IEEE 802.11n_Channel 36_20MHz_Antenna 1



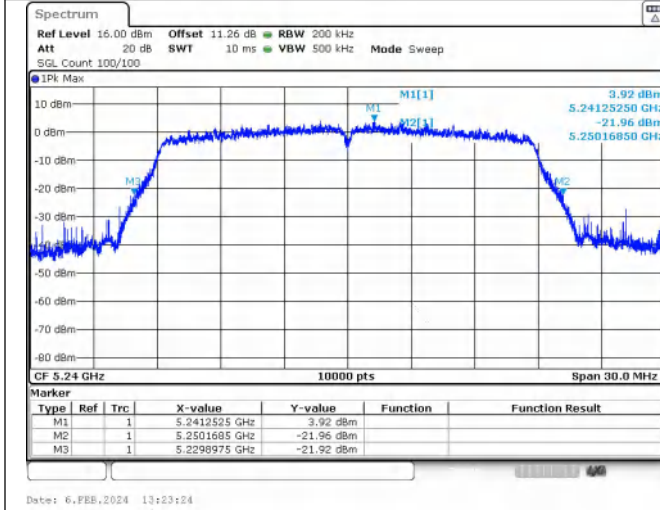
IEEE 802.11n_Channel 40_40MHz_Antenna 1



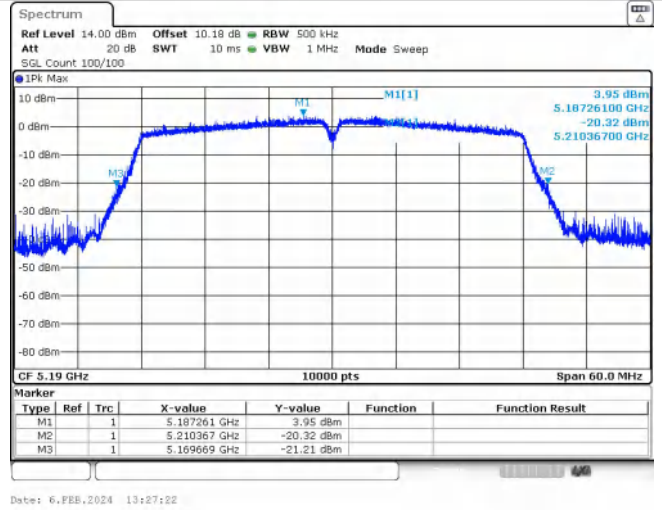
IEEE 802.11n_Channel 48_40MHz_Antenna 1



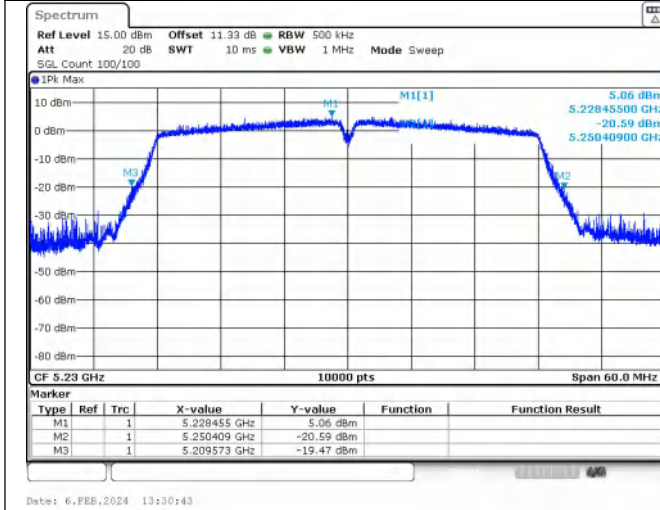
IEEE 802.11ac_Channel 36_20MHz_Antenna 1



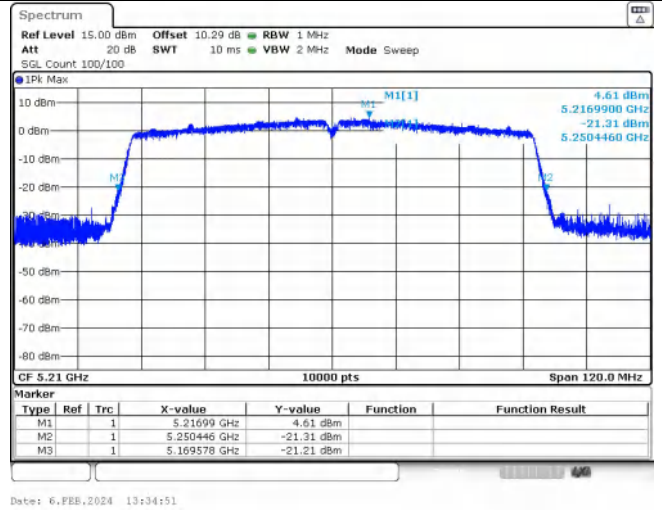
IEEE 802.11ac_Channel 40_20MHz_Antenna 1



IEEE 802.11ac_Channel 48_20MHz_Antenna 1

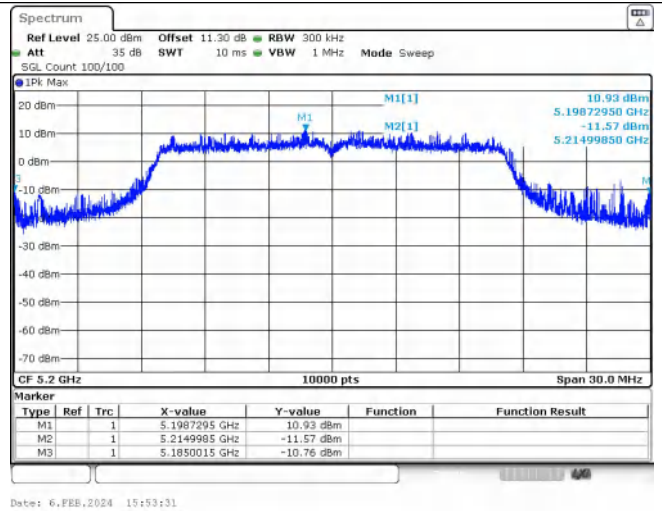
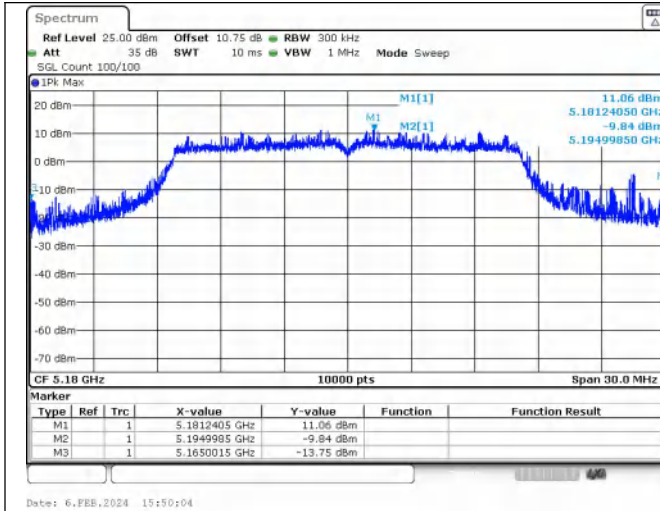


IEEE 802.11ac_Channel 38_40MHz_Antenna 1

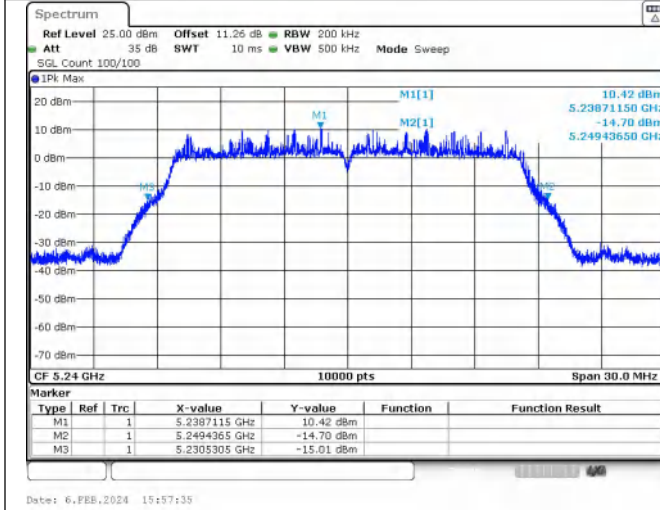


IEEE 802.11ac_Channel 46_40MHz_Antenna 1

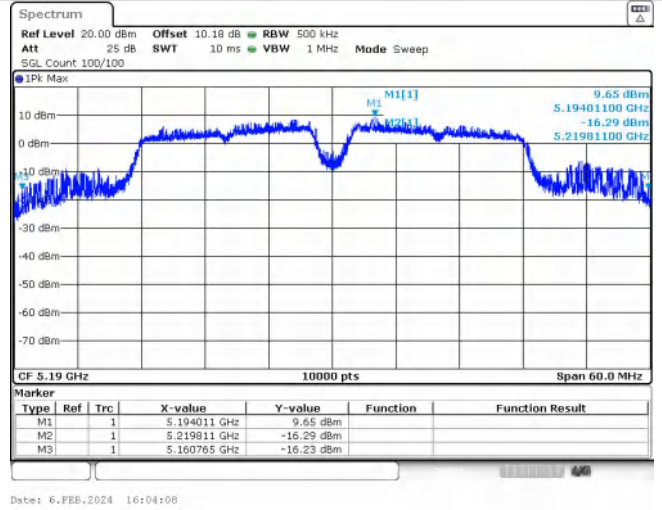
IEEE 802.11ac_Channel 42_80MHz_Antenna 1



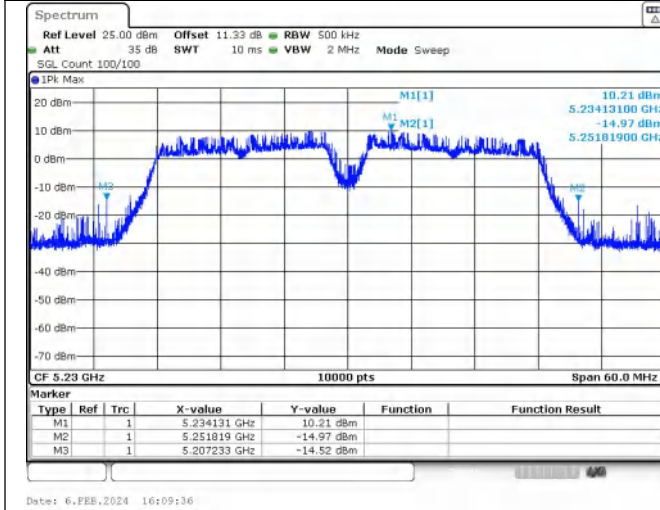
IEEE 802.11ax_Channel 36_20MHz_Antenna 1



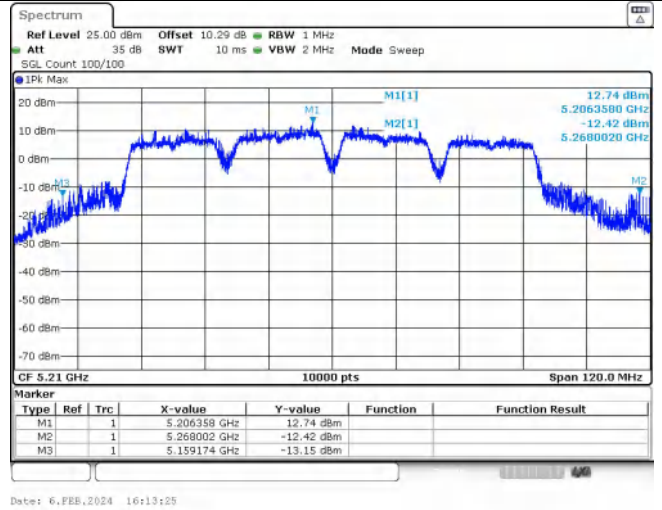
IEEE 802.11ax_Channel 40_20MHz_Antenna 1



IEEE 802.11ax_Channel 48_20MHz_Antenna 1



IEEE 802.11ax_Channel 38_40MHz_Antenna 1



IEEE 802.11ax_Channel 46_40MHz_Antenna 1

IEEE 802.11ax_Channel 42_80MHz_Antenna 1

Conducted Out Of Band Emission

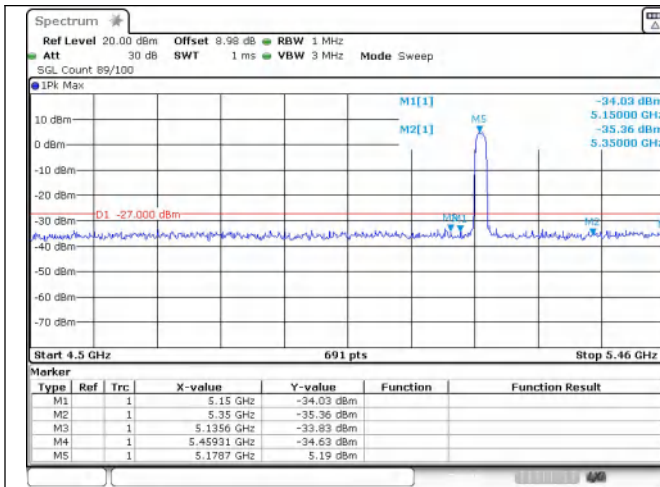
Test Result

Mode	Channel	RU & Index	Ant.	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
IEEE 802.11a	36	N/A	1	5135.60	-33.828	-27	-7	PASS
				5149.40	-44.551	-27	-17.550	PASS
				5150.00	-34.030	-27	-7	PASS
				5350.00	-35.362	-27	-8	PASS
				5459.31	-34.630	-27	-8	PASS
				22041.0	-46.581	-27	-19.580	PASS
	40			5144.45	-47.001	-27	-20.000	PASS
				5149.49	-36.230	-27	-9	PASS
				5150.00	-36.230	-27	-9	PASS
				5350.00	-35.675	-27	-9	PASS
				5459.31	-35.614	-27	-9	PASS
				8320.10	-47.490	-27	-20.490	PASS
	48			5066.12	-48.802	-27	-21.800	PASS
				5148.10	-34.700	-27	-8	PASS
				5150.00	-35.465	-27	-8	PASS
				5350.00	-35.904	-27	-9	PASS
				5459.31	-35.414	-27	-8	PASS
				21998.5	-47.107	-27	-20.110	PASS
IEEE 802.11n_20	36			5142.58	-47.545	-27	-20.550	PASS
				5149.49	-35.617	-27	-9	PASS
				5150.00	-35.617	-27	-9	PASS
				5350.00	-35.360	-27	-8	PASS
				5459.31	-32.860	-27	-6	PASS
				16274.4	-47.954	-27	-20.950	PASS
	40			5042.57	-49.122	-27	-22.120	PASS
				5148.10	-34.545	-27	-8	PASS
				5150.00	-35.983	-27	-9	PASS
				5350.00	-36.651	-27	-10	PASS
				5459.31	-36.148	-27	-9	PASS
				16617.6	-47.622	-27	-20.620	PASS
	48			5074.82	-48.228	-27	-21.230	PASS
				5149.49	-36.606	-27	-10	PASS
				5150.00	-36.606	-27	-10	PASS
				5350.00	-35.649	-27	-9	PASS
				5459.31	-35.074	-27	-8	PASS
				16382.5	-47.453	-27	-20.450	PASS
IEEE 802.11n_40	38			5001.95	-46.986	-27	-19.990	PASS
				5148.10	-35.460	-27	-8	PASS
				5150.00	-36.934	-27	-10	PASS
				5350.00	-36.276	-27	-9	PASS
				5459.31	-34.179	-27	-7	PASS
				18276.1	-47.286	-27	-20.290	PASS
	46			5141.55	-49.110	-27	-22.110	PASS
				5148.10	-35.375	-27	-8	PASS
				5150.00	-35.625	-27	-9	PASS
				5350.00	-34.409	-27	-7	PASS
IEEE 802.11ac_20	36			5445.41	-32.920	-27	-6	PASS
				17683.3	-47.156	-27	-20.160	PASS
				5140.70	-47.915	-27	-20.920	PASS
				5149.49	-34.346	-27	-7	PASS
		5150.00	-34.346	-27	-7	PASS		

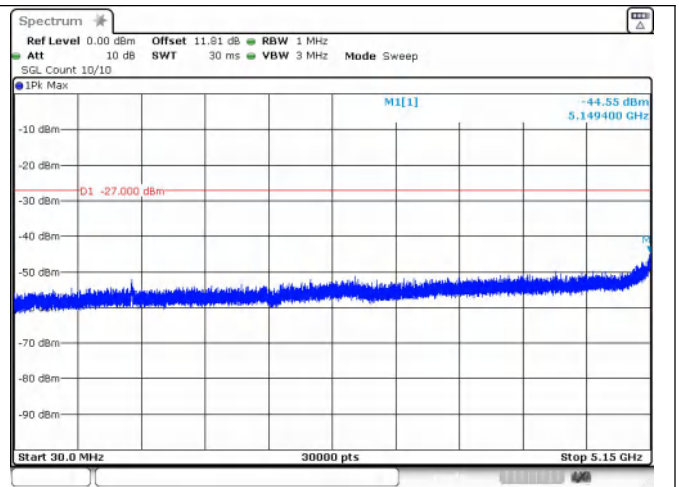
	40		5350.00	-35.599	-27	-9	PASS
			5457.92	-35.157	-27	-8	PASS
			22016.2	-47.966	-27	-20.970	PASS
			5130.80	-48.468	-27	-21.470	PASS
			5148.10	-35.104	-27	-8	PASS
			5150.00	-36.771	-27	-10	PASS
			5350.00	-35.818	-27	-9	PASS
			5459.31	-33.832	-27	-7	PASS
	48		22008.3	-47.912	-27	-20.910	PASS
			5145.65	-48.894	-27	-21.890	PASS
			5148.10	-34.823	-27	-8	PASS
			5150.00	-37.957	-27	-11	PASS
			5350.00	-35.035	-27	-8	PASS
			5457.92	-34.923	-27	-8	PASS
			16251.5	-47.539	-27	-20.540	PASS
			5148.10	-35.213	-27	-8	PASS
IEEE 802.11ac_40	38		5149.91	-43.636	-27	-16.640	PASS
			5150.00	-36.271	-27	-9	PASS
			5350.00	-36.318	-27	-9	PASS
			5459.31	-35.087	-27	-8	PASS
			23335.3	-47.507	-27	-20.510	PASS
			5121.58	-48.474	-27	-21.470	PASS
			5149.49	-34.951	-27	-8	PASS
			5150.00	-34.951	-27	-8	PASS
	46		5350.00	-36.644	-27	-10	PASS
			5459.31	-34.815	-27	-8	PASS
			15953.5	-47.525	-27	-20.530	PASS
			5143.77	-48.452	-27	-21.450	PASS
			5148.10	-34.938	-27	-8	PASS
			5150.00	-35.380	-27	-8	PASS
			5350.00	-34.411	-27	-7	PASS
			5457.92	-34.305	-27	-7	PASS
IEEE 802.11ac_80	42		21467.3	-47.710	-27	-20.710	PASS
			971.31	-41.712	-27	-14.710	PASS
			5149.49	-35.718	-27	-9	PASS
			5150.00	-35.718	-27	-9	PASS
			5350.00	-34.306	-27	-7	PASS
			5452.51	-46.632	-27	-19.630	PASS
			5457.92	-34.178	-27	-7	PASS
			991.96	-43.448	-27	-16.450	PASS
IEEE 802.11ax_20	36		5149.49	-35.203	-27	-8	PASS
			5150.00	-35.203	-27	-8	PASS
			5350.00	-35.081	-27	-8	PASS
			5457.92	-34.032	-27	-7	PASS
			17220.2	-47.179	-27	-20.180	PASS
			1031.05	-41.747	-27	-14.750	PASS
			5148.10	-34.504	-27	-8	PASS
			5150.00	-35.855	-27	-9	PASS
	40		5350.00	-35.473	-27	-8	PASS
			5459.31	-34.203	-27	-7	PASS
			15360.7	-47.192	-27	-20.190	PASS
			5144.79	-38.399	-27	-11.400	PASS
			5149.49	-35.334	-27	-8	PASS
			5150.00	-35.334	-27	-8	PASS
			5350.00	-34.581	-27	-8	PASS
			5379.80	-46.492	-27	-19.490	PASS
IEEE 802.11ax_40	38		5457.92	-34.332	-27	-7	PASS
			1028.83	-42.638	-27	-15.640	PASS
			5143.94	-34.446	-27	-7	PASS
	46						

IEEE 802.11ax_80	42			5150.00	-35.477	-27	-8	PASS
				5350.00	-35.093	-27	-8	PASS
				5390.28	-46.736	-27	-19.740	PASS
				5459.31	-33.480	-27	-6	PASS
				5115.95	-28.056	-27	-1.060	PASS
				5146.71	-33.436	-27	-6	PASS
				5150.00	-34.592	-27	-8	PASS
				5350.00	-35.379	-27	-8	PASS
				5362.12	-43.977	-27	-16.980	PASS
				5459.31	-34.518	-27	-8	PASS

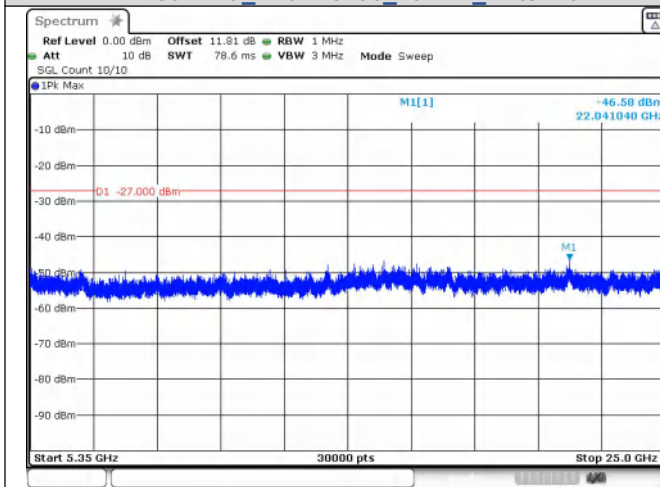
Test Graphs



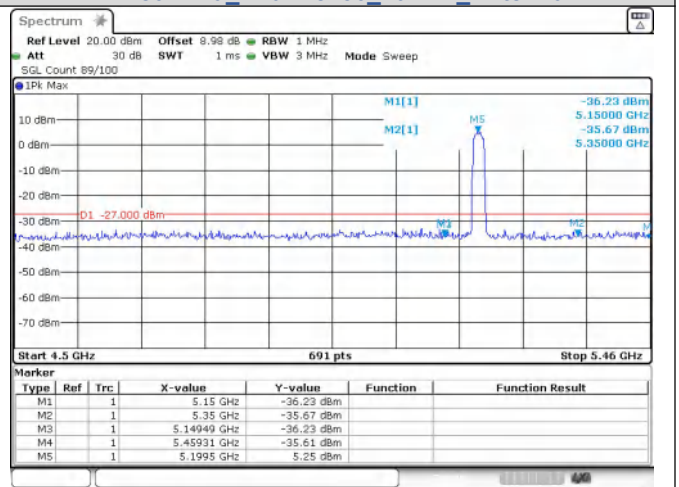
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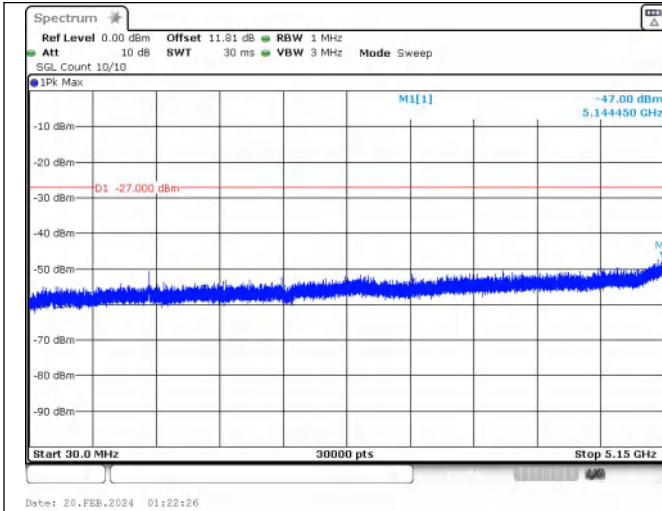
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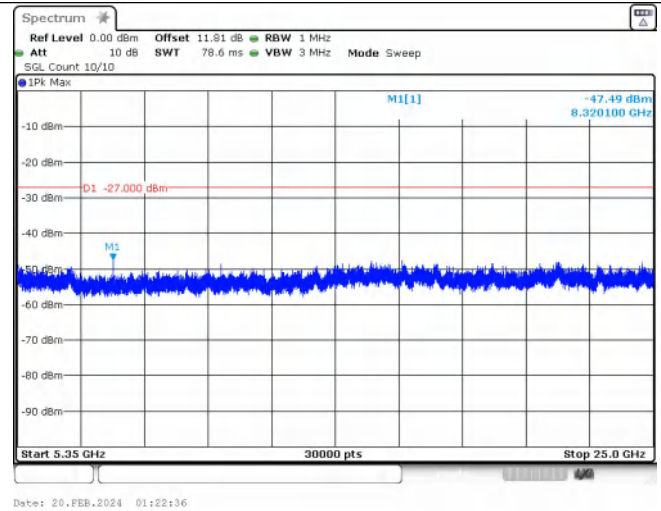
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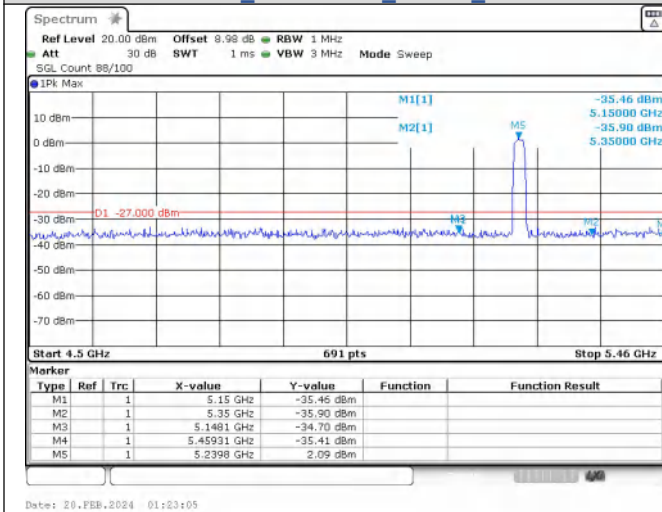
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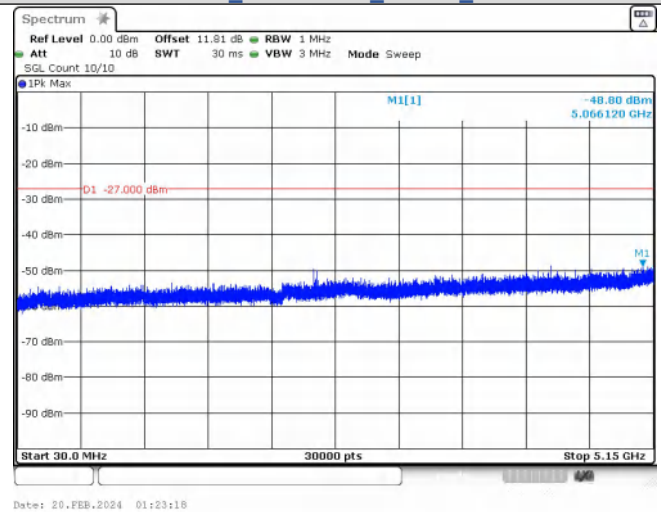
Spurious Emission:30.0~5150 MHz
IEEE 802.11a_Channel 40_20MHz_Antenna 1



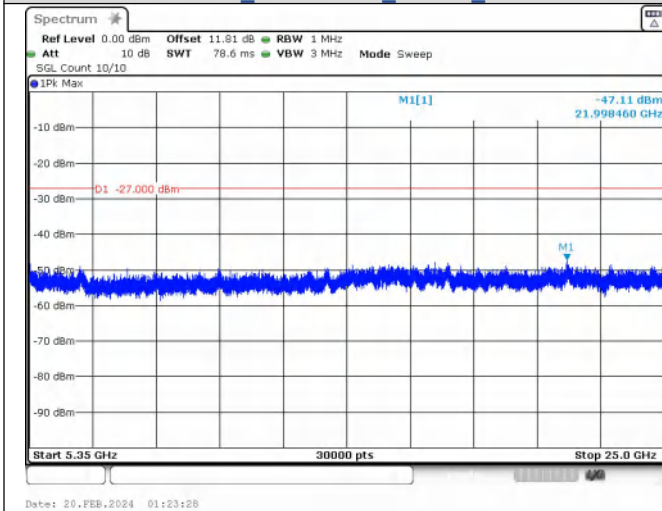
Spurious Emission:5350~25000.0 MHz
IEEE 802.11a_Channel 40_20MHz_Antenna 1



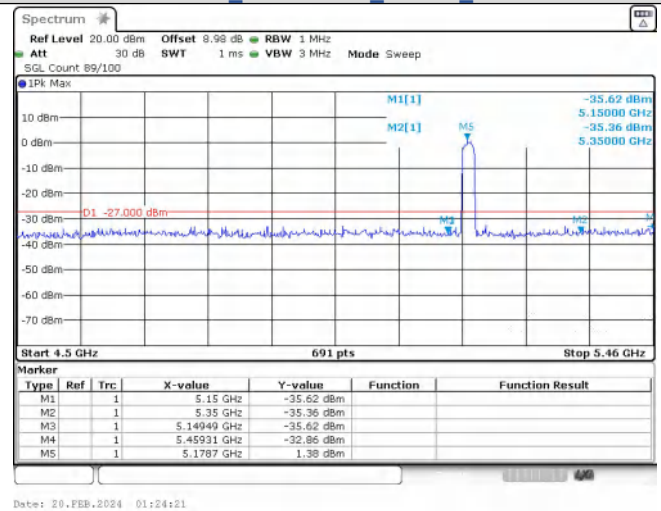
Out Of Band Emission
IEEE 802.11a_Channel 48_20MHz_Antenna 1



Spurious Emission:30.0~5150 MHz
IEEE 802.11a_Channel 48_20MHz_Antenna 1

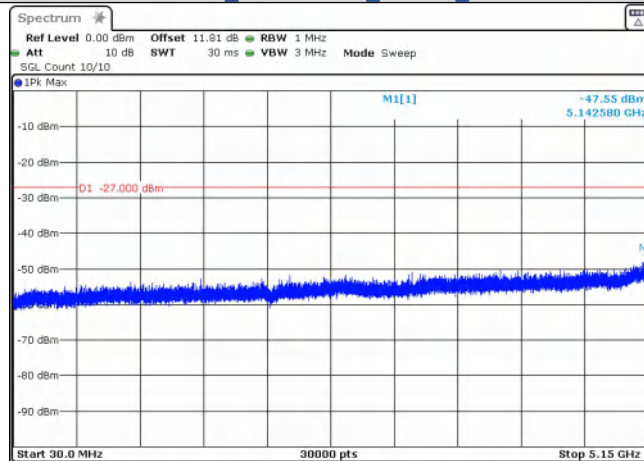


Spurious Emission:5350~25000.0 MHz



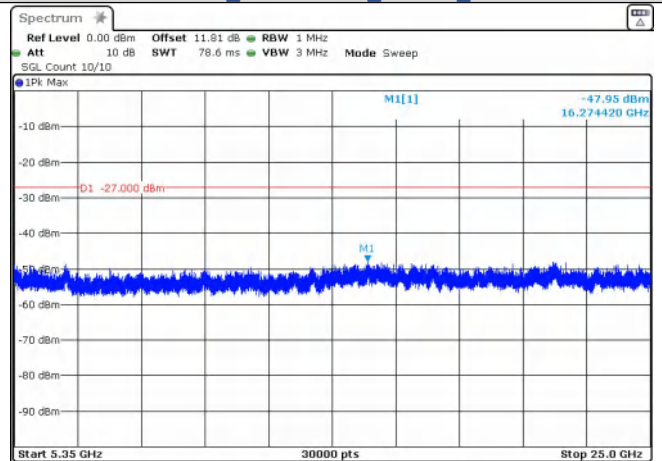
Out Of Band Emission

IEEE 802.11a Channel 48 20MHz Antenna 1



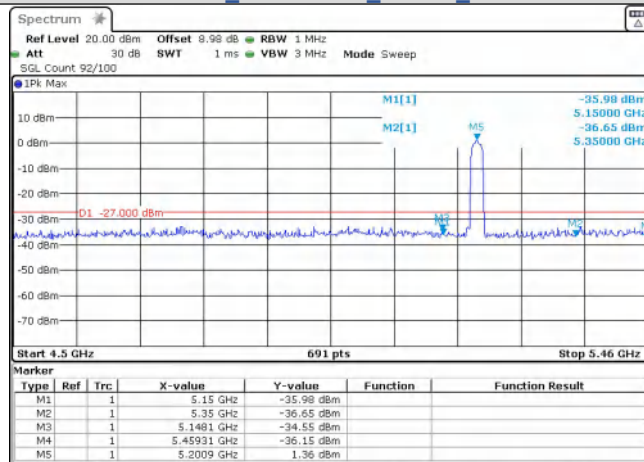
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IEEE 802.11n Channel 36 20MHz Antenna 1



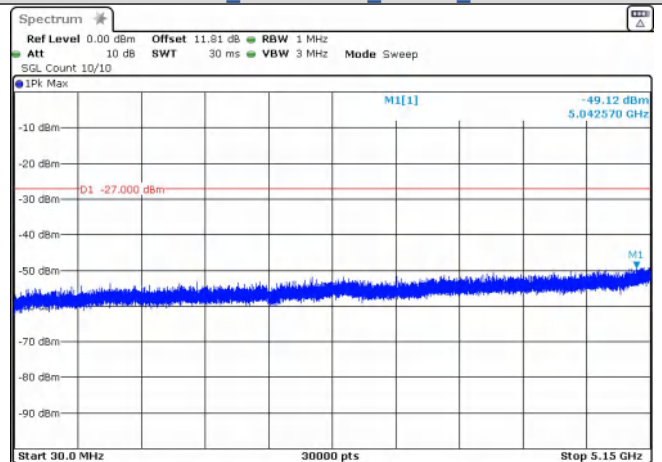
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Spurious Emission:30.0~5150 MHz IEEE 802.11n Channel 36 20MHz Antenna 1



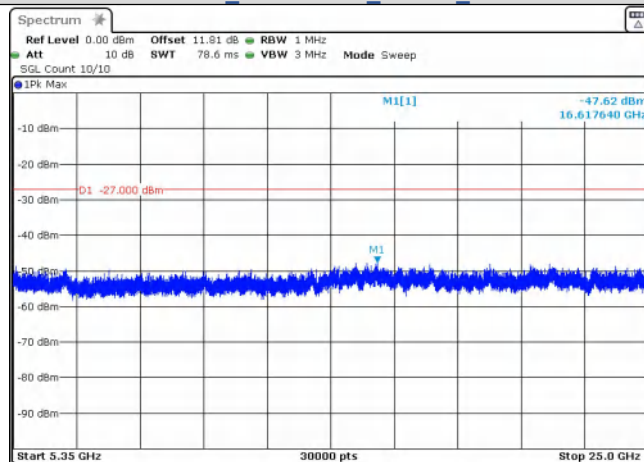
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Spurious Emission:5350~25000.0 MHz IEEE 802.11n Channel 36 20MHz Antenna 1



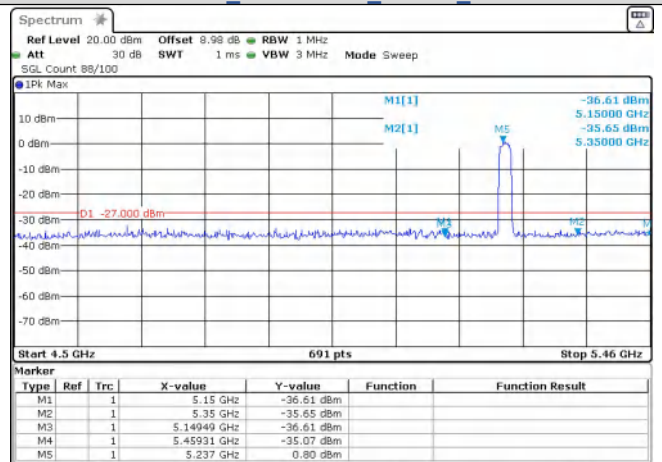
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Out Of Band Emission IEEE 802.11n Channel 40 20MHz Antenna 1



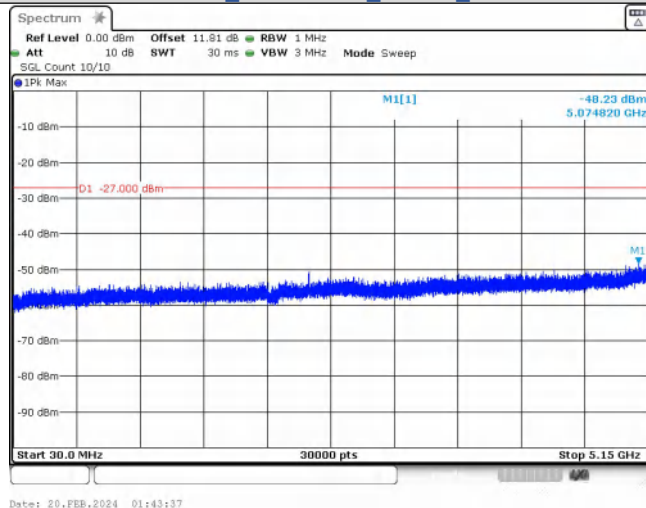
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Spurious Emission:30.0~5150 MHz IEEE 802.11n Channel 40 20MHz Antenna 1

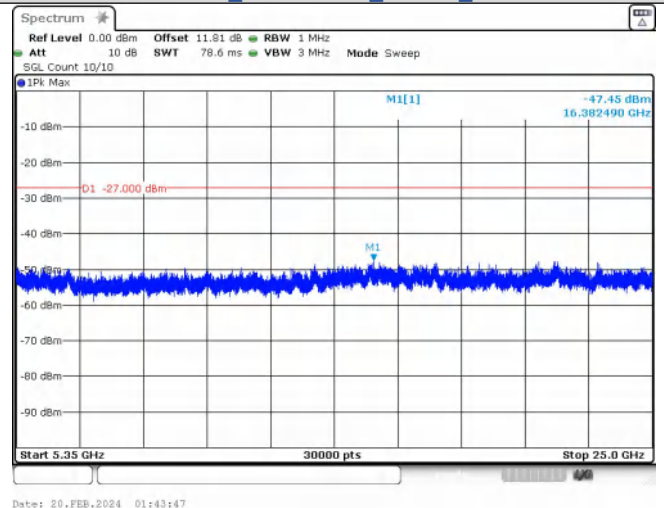


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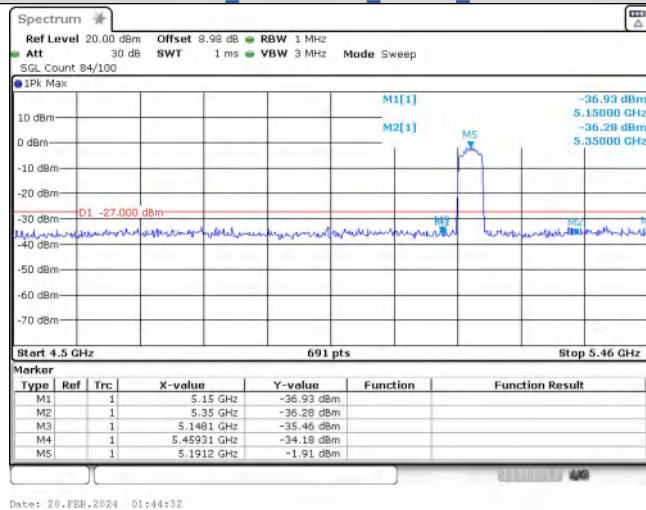
Spurious Emission:5350~25000.0 MHz IEEE 802.11n_Channel 40_20MHz_Antenna 1



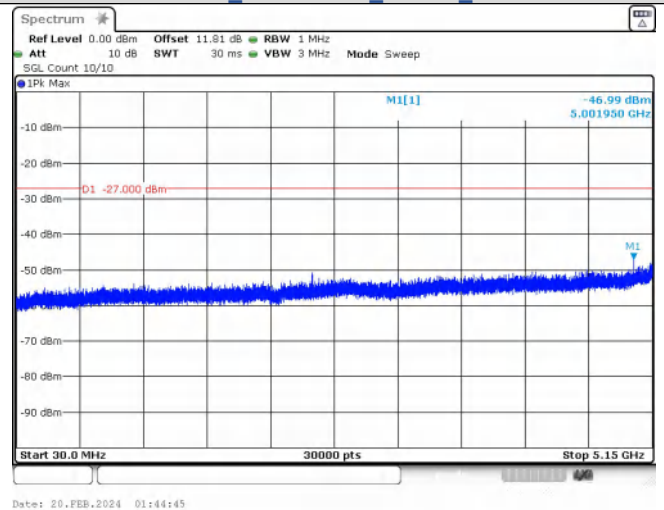
Out Of Band Emission IEEE 802.11n_Channel 48_20MHz_Antenna 1



Spurious Emission:30.0~5150 MHz IEEE 802.11n_Channel 48_20MHz_Antenna 1

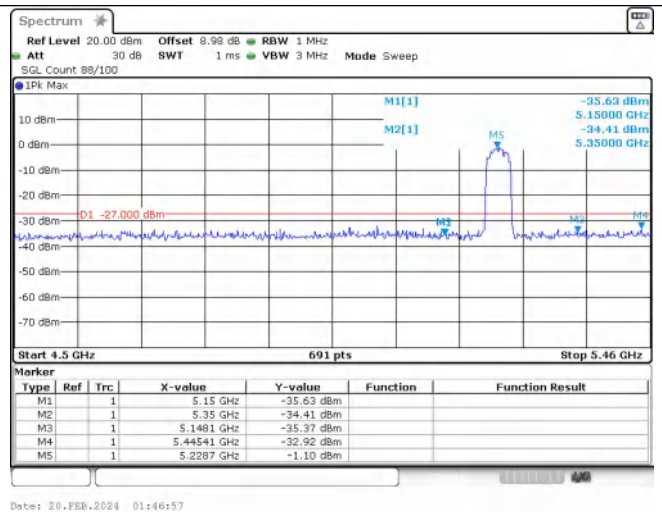
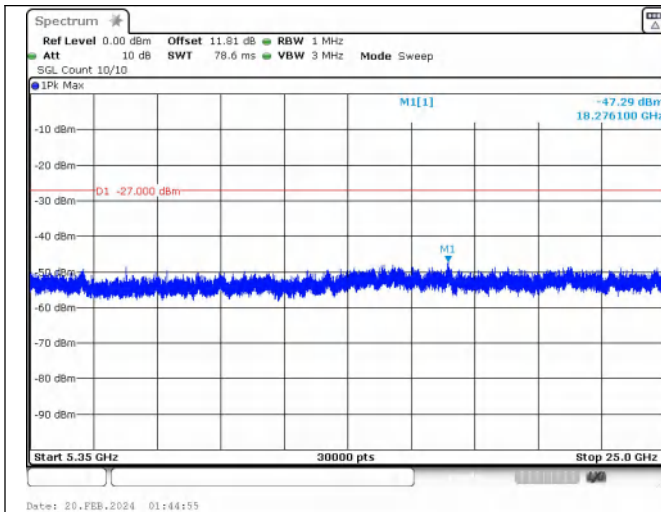


Spurious Emission:5350~25000.0 MHz IEEE 802.11n_Channel 48_20MHz_Antenna 1

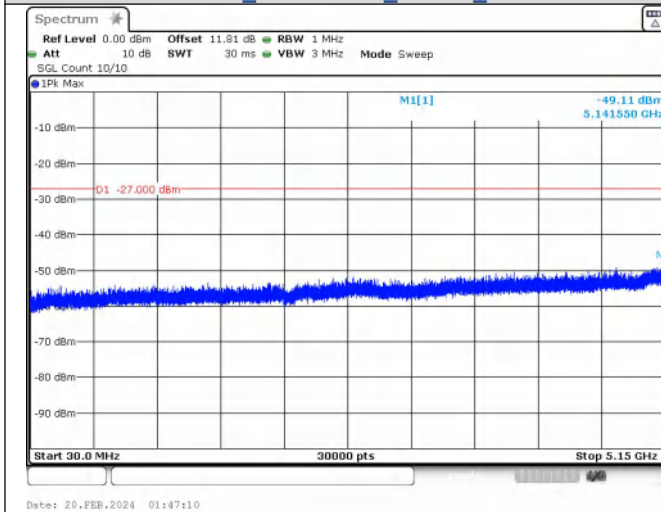


Out Of Band Emission IEEE 802.11n_Channel 38_40MHz_Antenna 1

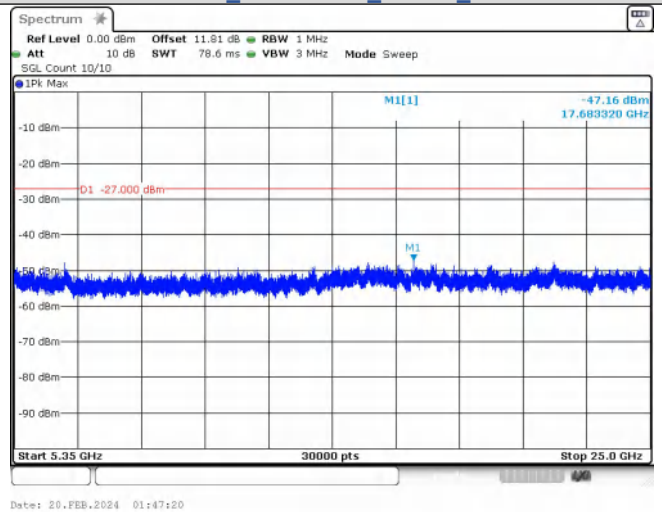
Spurious Emission:30.0~5150 MHz IEEE 802.11n_Channel 38_40MHz_Antenna 1



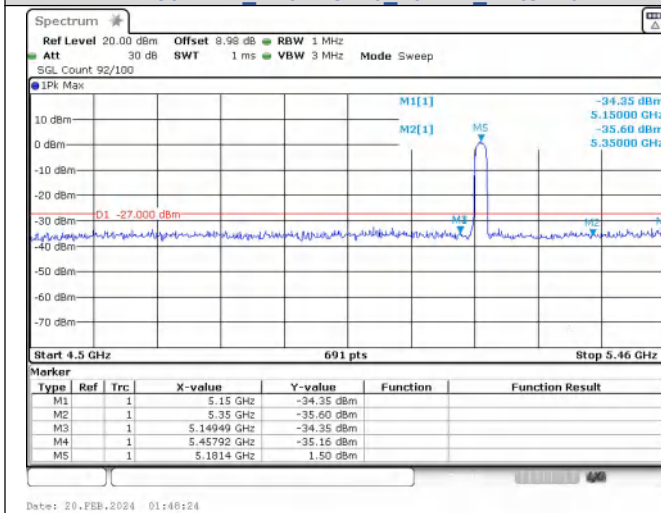
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IEEE 802.11n_Channel 38_40MHz_Antenna 1



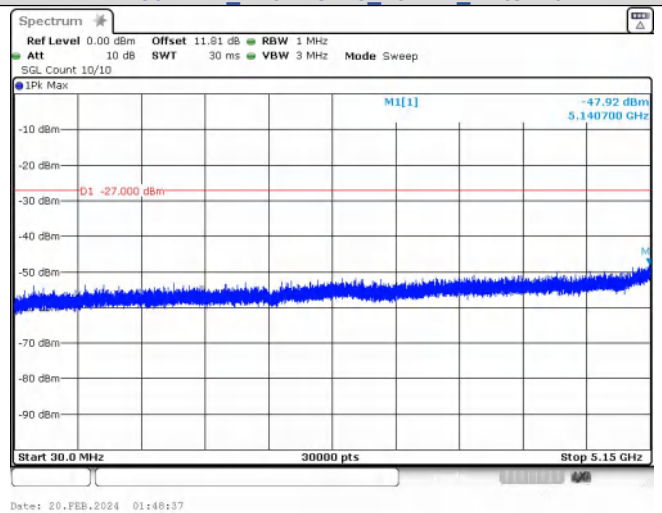
Out Of Band Emission
IEEE 802.11n_Channel 46_40MHz_Antenna 1



Spurious Emission:30.0~5150 MHz
IEEE 802.11n_Channel 46_40MHz_Antenna 1



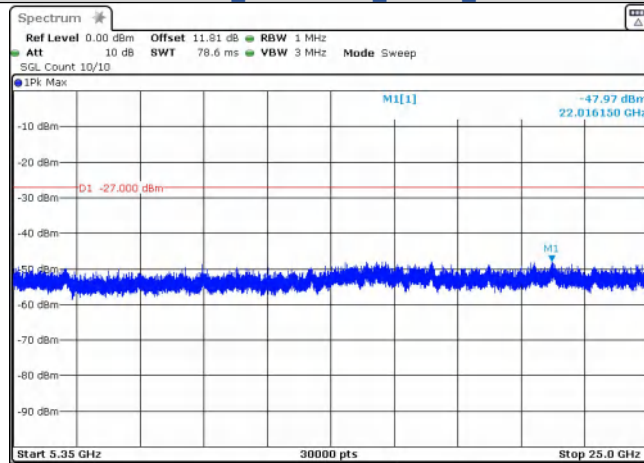
Spurious Emission:5350~25000.0 MHz
IEEE 802.11n_Channel 46_40MHz_Antenna 1



Out Of Band Emission

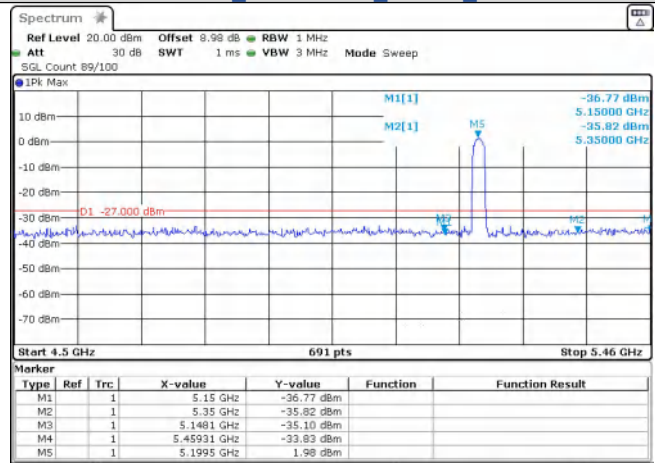
Spurious Emission:30.0~5150 MHz

IEEE 802.11ac_Channel 36_20MHz_Antenna 1



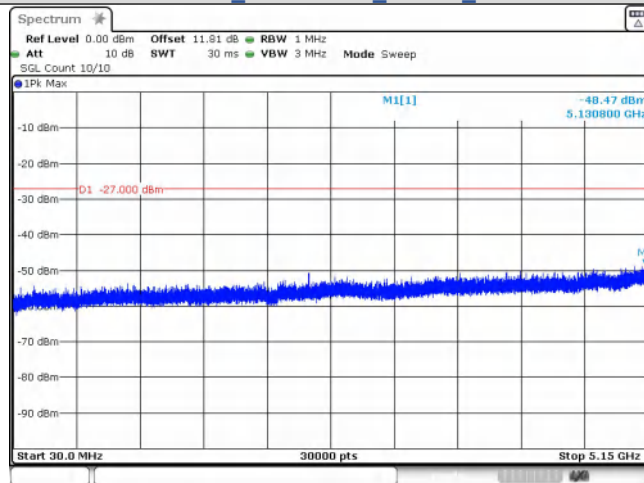
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IEEE 802.11ac_Channel 36_20MHz_Antenna 1



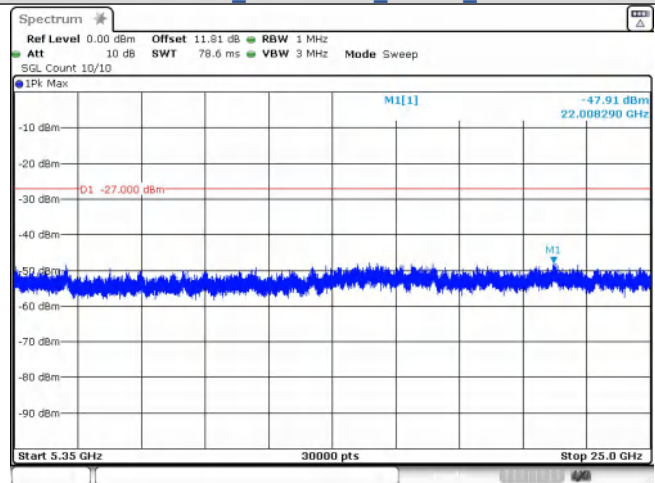
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Spurious Emission:5350~25000.0 MHz IEEE 802.11ac_Channel 36_20MHz_Antenna 1



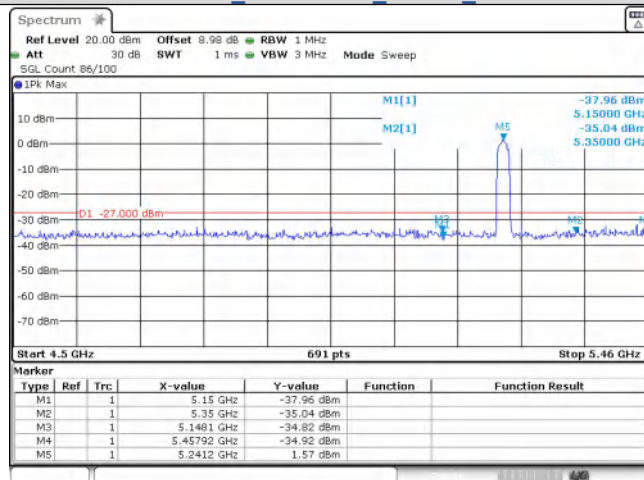
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Out Of Band Emission IEEE 802.11ac_Channel 40_20MHz_Antenna 1



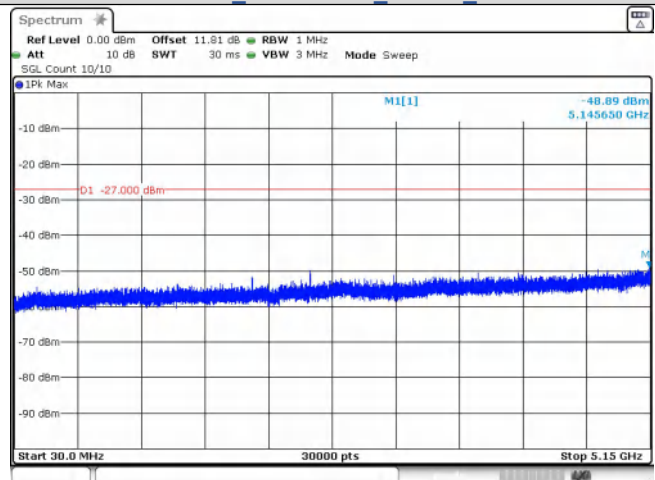
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Spurious Emission:30.0~5150 MHz IEEE 802.11ac_Channel 40_20MHz_Antenna 1

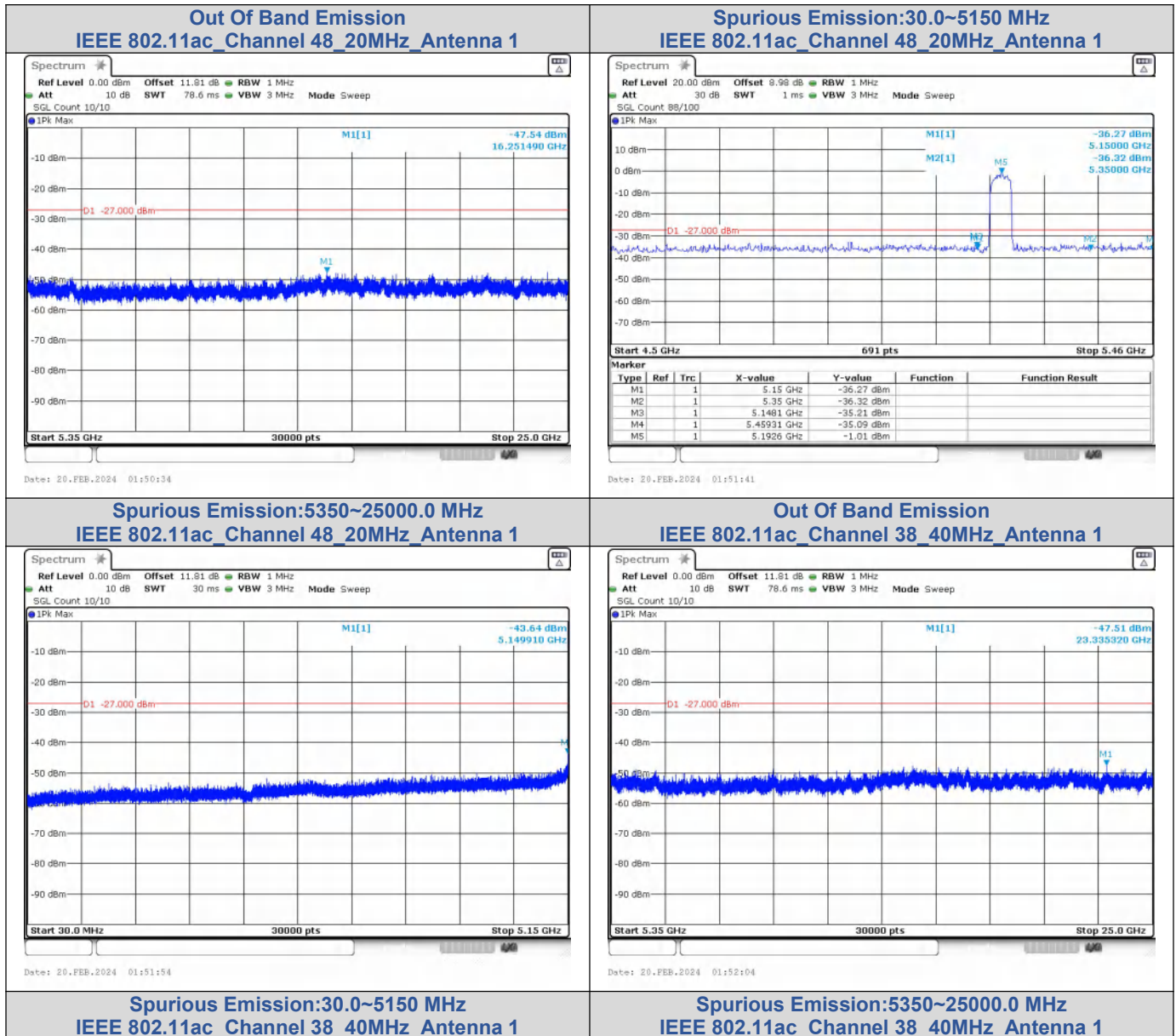


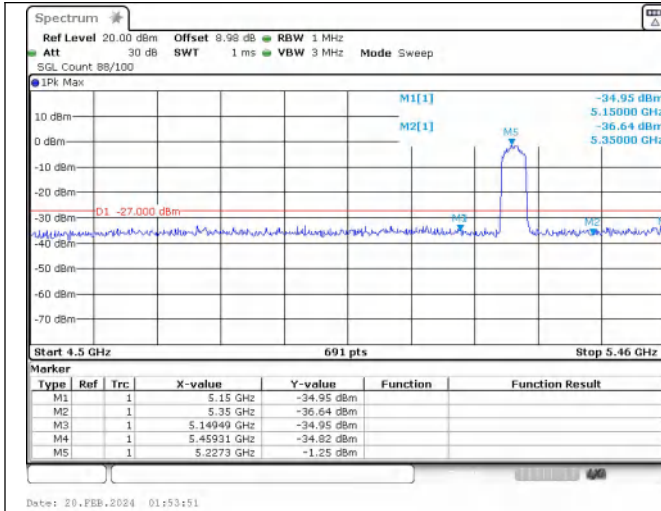
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Spurious Emission:5350~25000.0 MHz IEEE 802.11ac_Channel 40_20MHz_Antenna 1

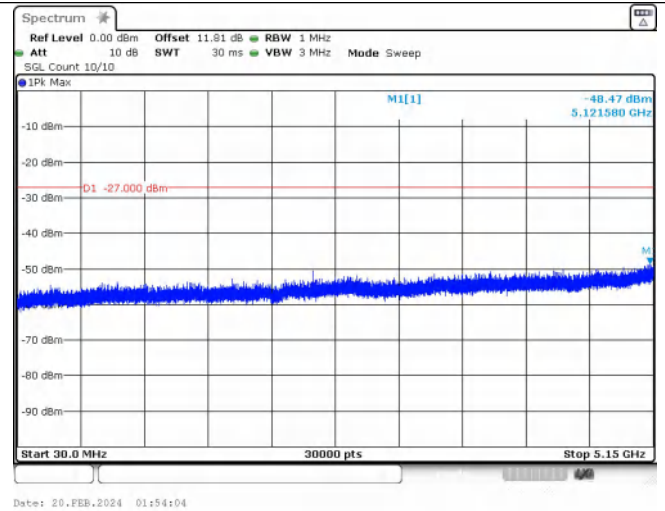


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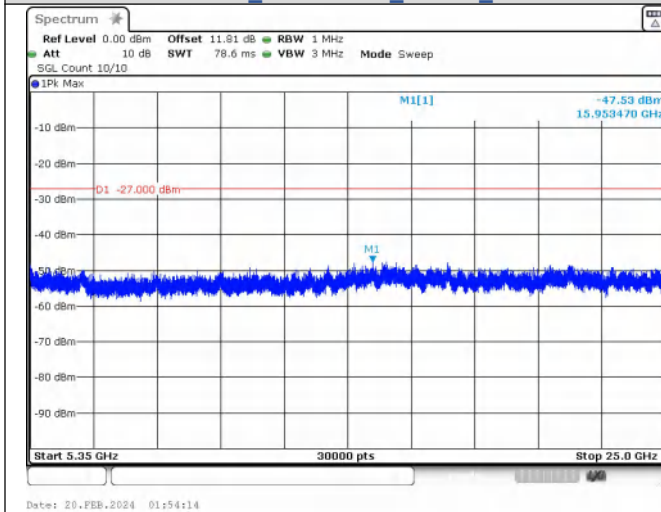




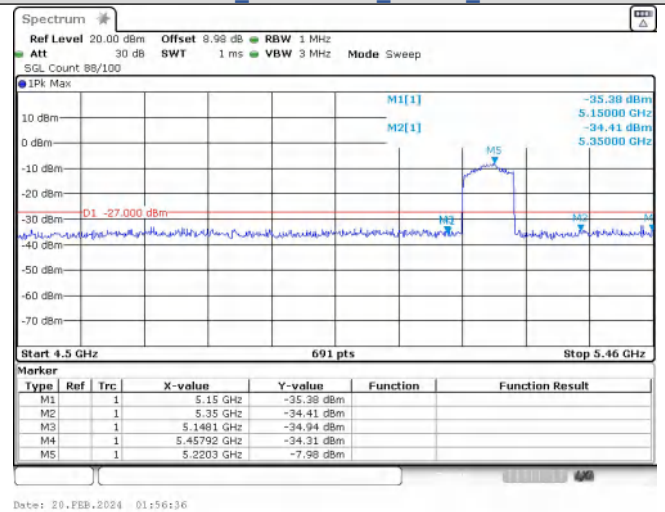
Out Of Band Emission
IEEE 802.11ac_Channel 46_40MHz_Antenna 1



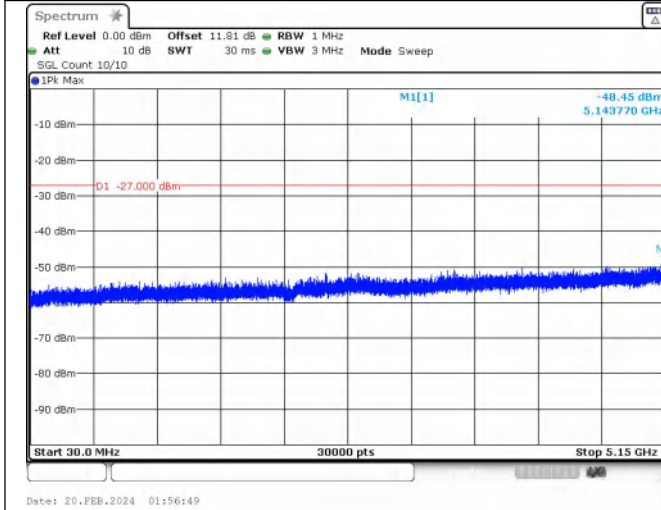
Spurious Emission:30.0~5150 MHz
IEEE 802.11ac_Channel 46_40MHz_Antenna 1



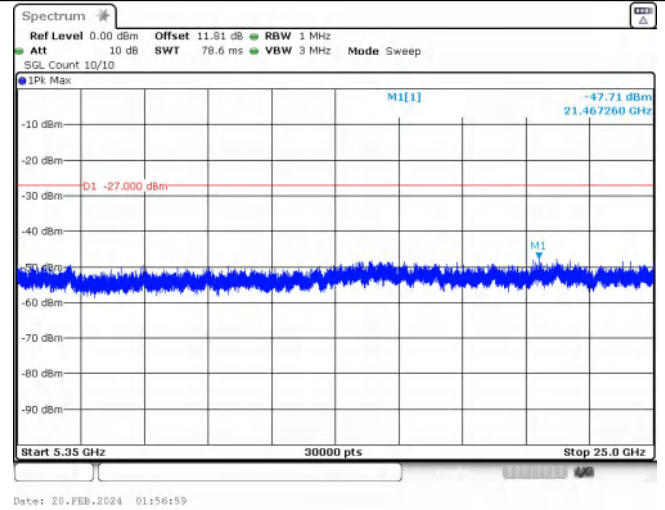
Spurious Emission:5350~25000.0 MHz
IEEE 802.11ac_Channel 46_40MHz_Antenna 1



Out Of Band Emission
IEEE 802.11ac_Channel 42_80MHz_Antenna 1

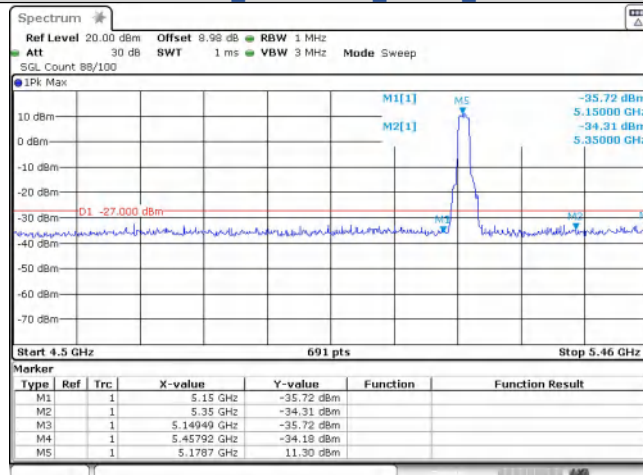


Spurious Emission:30.0~5150 MHz



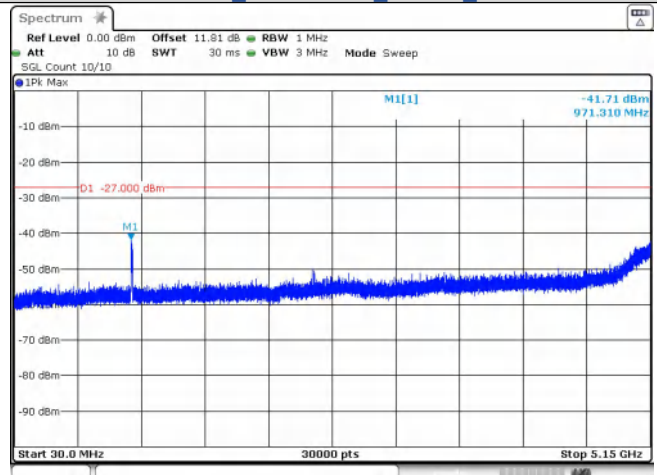
Spurious Emission:5350~25000.0 MHz

IEEE 802.11ac_Channel 42_80MHz_Antenna 1



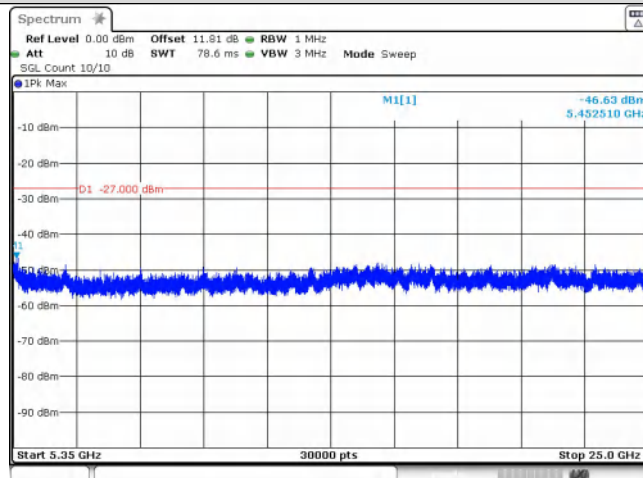
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IEEE 802.11ac_Channel 42_80MHz_Antenna 1



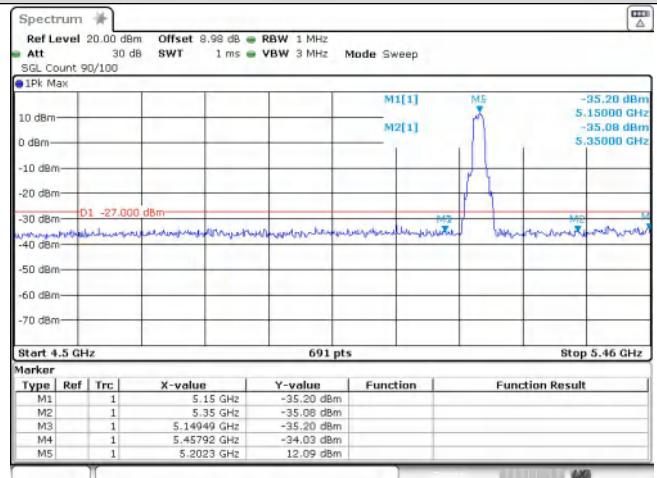
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Out Of Band Emission IEEE 802.11ax_Channel 36_20MHz_Antenna 1_RU&Index SU



Date: 6.FEB.2024 15:52:19

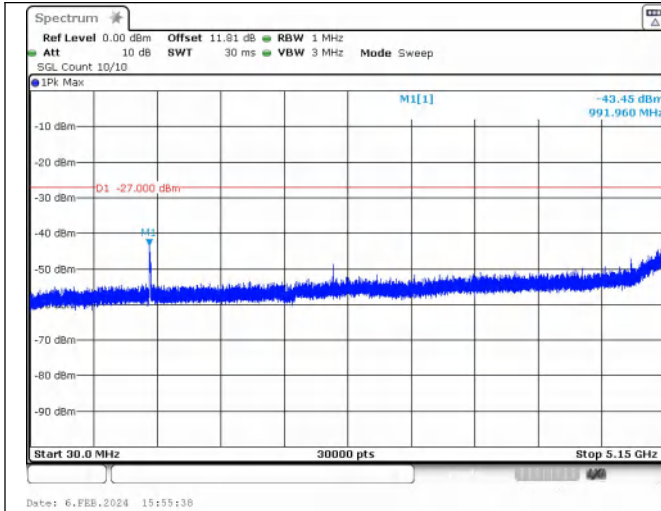
Spurious Emission:30.0~5150 MHz IEEE 802.11ax_Channel 36_20MHz_Antenna 1_RU&Index SU



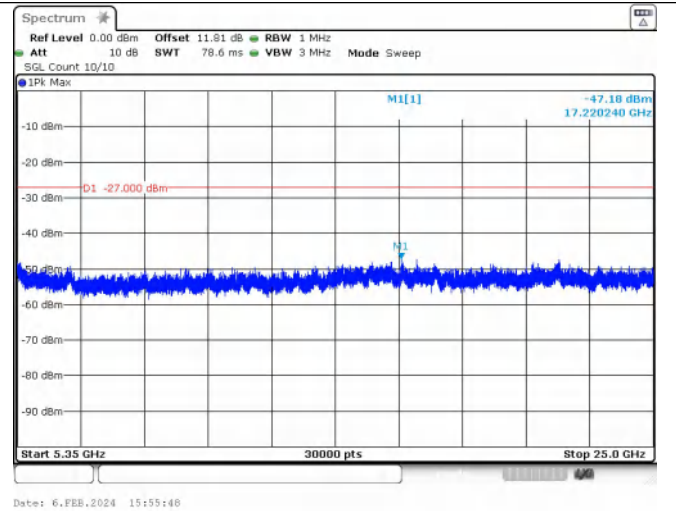
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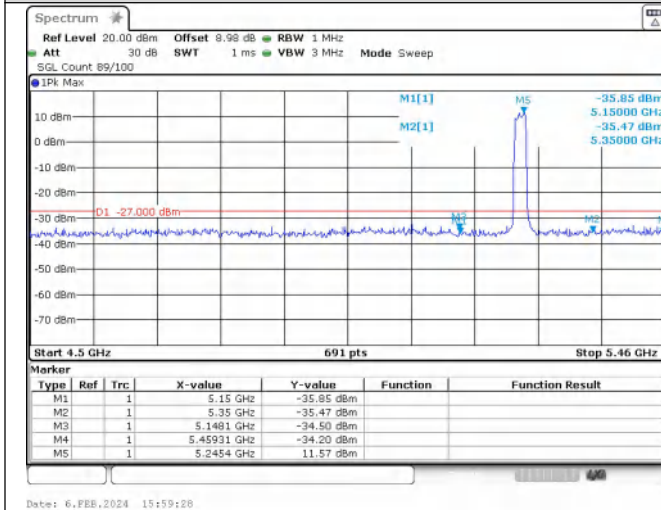
Out Of Band Emission IEEE 802.11ax_Channel 40_20MHz_Antenna 1_RU&Index SU



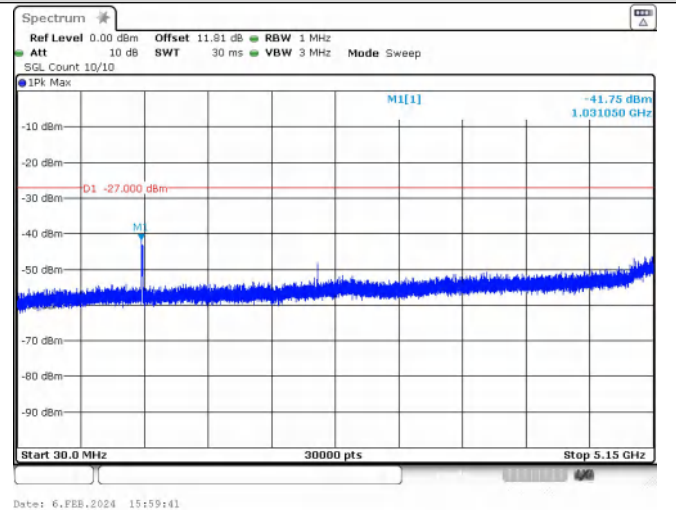
Spurious Emission:30.0~5150 MHz
IEEE 802.11ax_Channel 40_20MHz_Antenna 1_RU&Index
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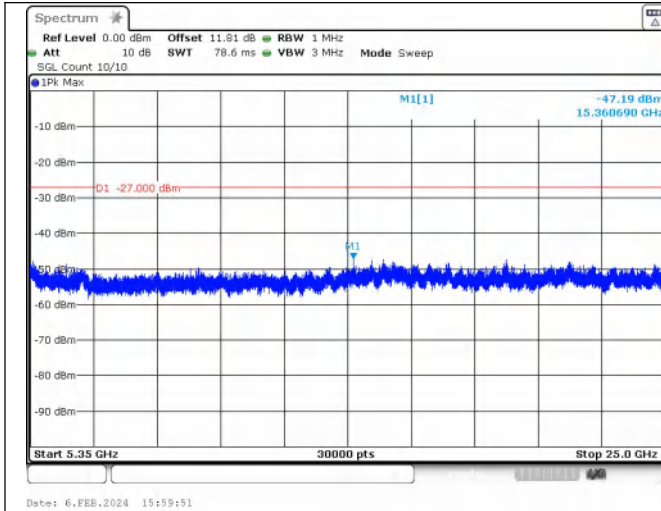
Spurious Emission:5350~25000.0 MHz
IEEE 802.11ax_Channel 40_20MHz_Antenna 1_RU&Index
SU



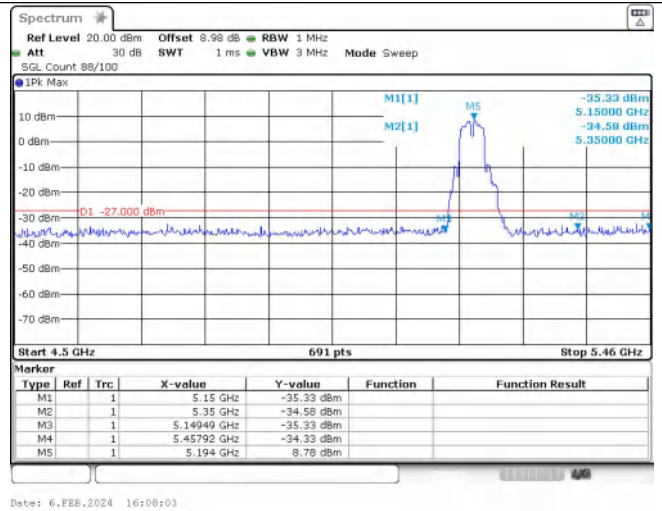
Out Of Band Emission
IEEE 802.11ax_Channel 48_20MHz_Antenna 1_RU&Index
SU



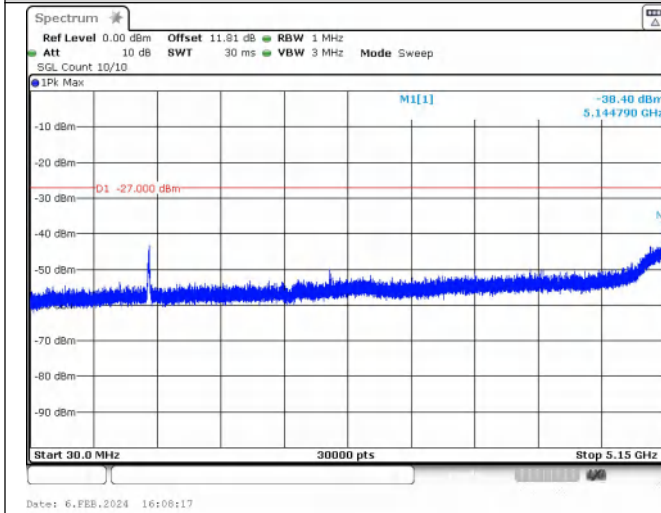
Spurious Emission:30.0~5150 MHz
IEEE 802.11ax_Channel 48_20MHz_Antenna 1_RU&Index
SU



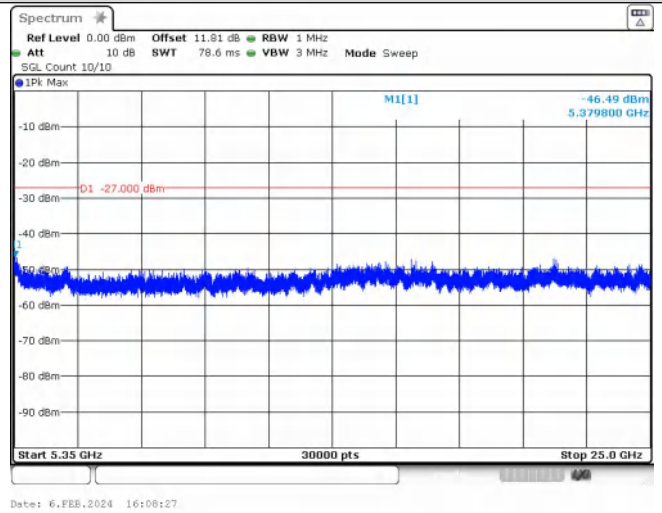
Spurious Emission:5350~25000.0 MHz
IEEE 802.11ax_Channel 48_20MHz_Antenna 1_RU&Index
SU



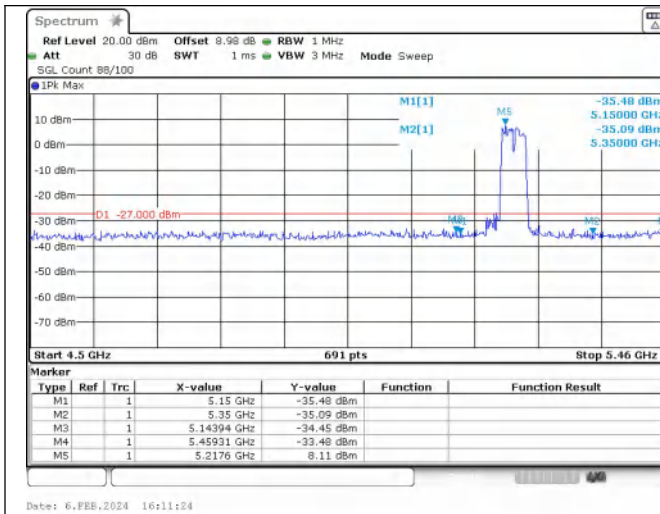
Out Of Band Emission
IEEE 802.11ax_Channel 38_40MHz_Antenna 1_RU&Index
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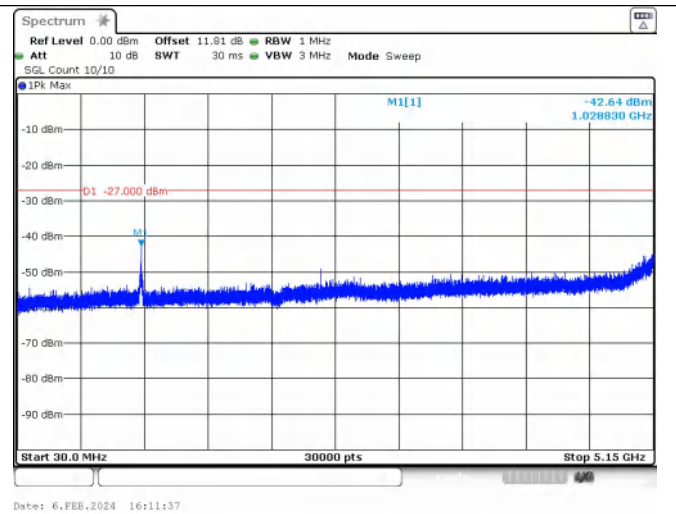
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IEEE 802.11ax_Channel 38_40MHz_Antenna 1_RU&Index
SU



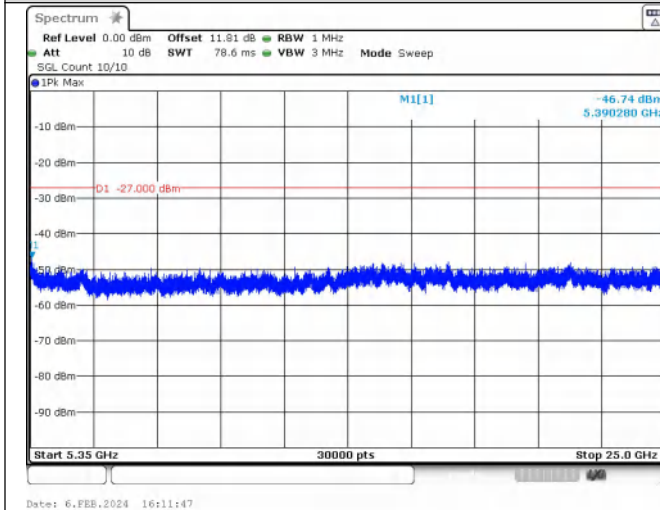
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IEEE 802.11ax_Channel 38_40MHz_Antenna 1_RU&Index
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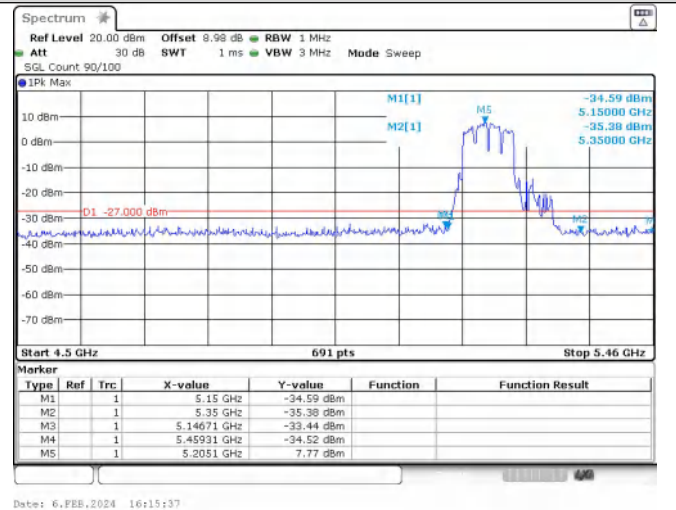
Out Of Band Emission
IEEE 802.11ax_Channel 46_40MHz_Antenna 1_RU&Index
SU



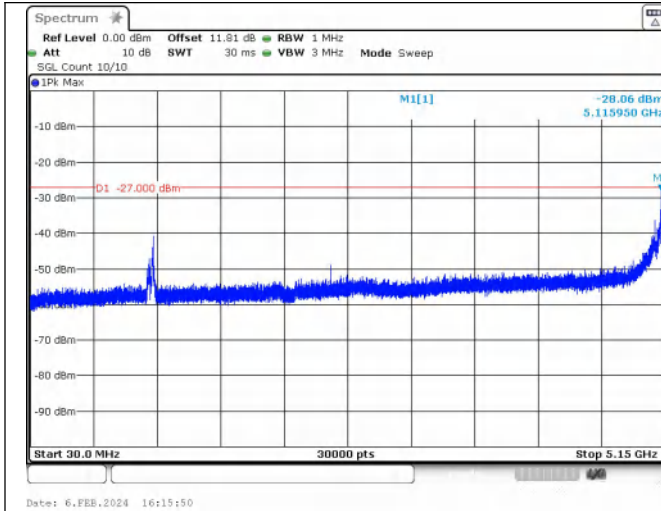
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IEEE 802.11ax_Channel 46_40MHz_Antenna 1_RU&Index
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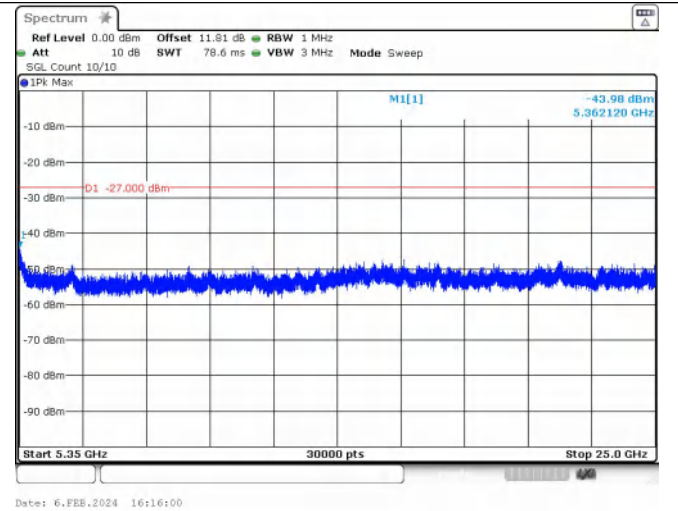
Spurious Emission:5350~25000.0 MHz
IEEE 802.11ax_Channel 46_40MHz_Antenna 1_RU&Index
SU



Out Of Band Emission
IEEE 802.11ax_Channel 42_80MHz_Antenna 1_RU&Index
SU



Spurious Emission:30.0~5150 MHz
IEEE 802.11ax_Channel 42_80MHz_Antenna 1_RU&Index
SU



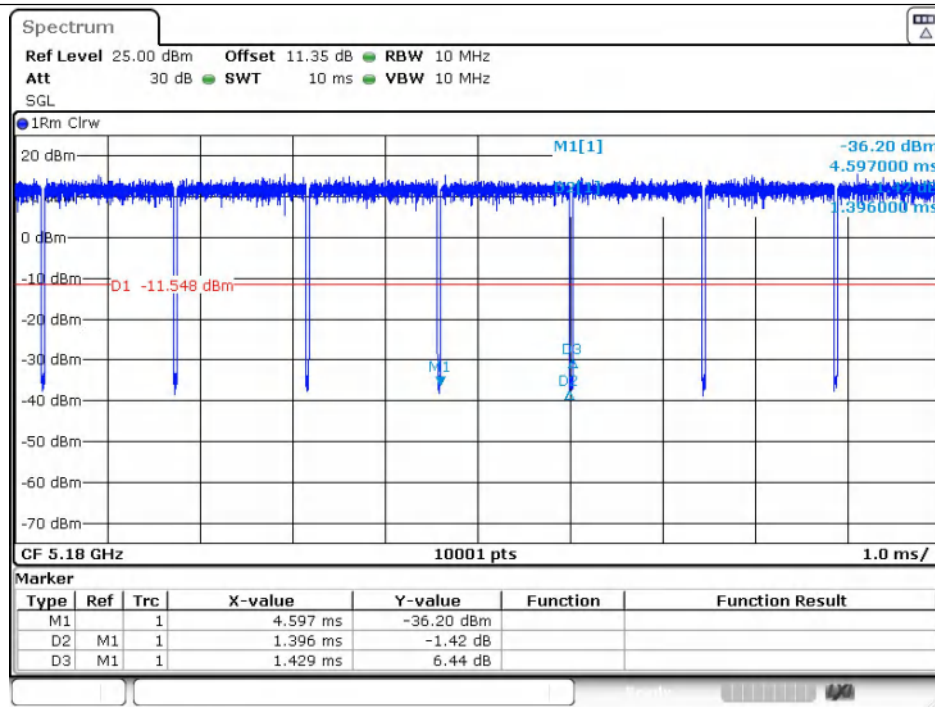
Spurious Emission:5350~25000.0 MHz
IEEE 802.11ax_Channel 42_80MHz_Antenna 1_RU&Index
SU

Duty Cycle

Test Result

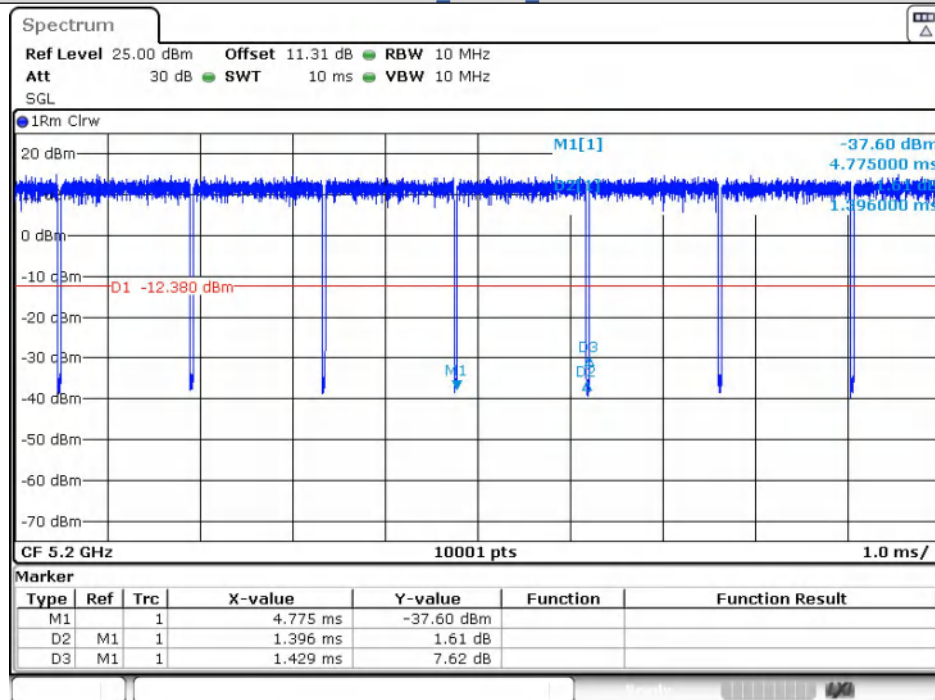
Mode	Data rates	Channel	RU & Index	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)	1/T
IEEE 802.11a	6	36	N/A	1	1.396	1.429	97.69	0.9769	0.1015	0.72
		40			1.396	1.429	97.69	0.9769	0.1015	0.72
		48			1.396	1.429	97.69	0.9769	0.1015	0.72
IEEE 802.11n_20	36	1.304			1.336	97.60	0.9760	0.1055	0.77	
	40	1.293			1.326	97.49	0.9749	0.1104	0.77	
	48	1.293			1.326	97.49	0.9749	0.1104	0.77	
IEEE 802.11n_40	38	0.650			0.683	95.12	0.9512	0.2173	1.54	
	46	0.650			0.684	95.06	0.9506	0.22	1.54	
IEEE 802.11ac_20	MCS 0	36			1.305	1.339	97.46	0.9746	0.1117	0.77
		40			1.304	1.338	97.46	0.9746	0.1117	0.77
48		1.305			1.338	97.51	0.9751	0.1095	0.77	
IEEE 802.11ac_40		38			0.654	0.688	95.09	0.9509	0.2187	1.53
		46			0.654	0.687	95.15	0.9515	0.2159	1.53
IEEE 802.11ac_80		42			0.325	0.359	90.53	0.9053	0.4321	3.08
IEEE 802.11ax_20		36			SU	1	2.798	2.850	98.16	0.9816
		40	2.799	2.850			98.21	0.9821	0.0784	0.36
		48	2.798	2.852			98.11	0.9811	0.0829	0.36
IEEE 802.11ax_40		38	2.799	2.852			98.16	0.9816	0.0807	0.36
	46	2.797	2.850	98.16			0.9816	0.0807	0.36	
IEEE 802.11ax_80	42	2.799	2.851	98.16			0.9816	0.0807	0.36	

Test Graphs



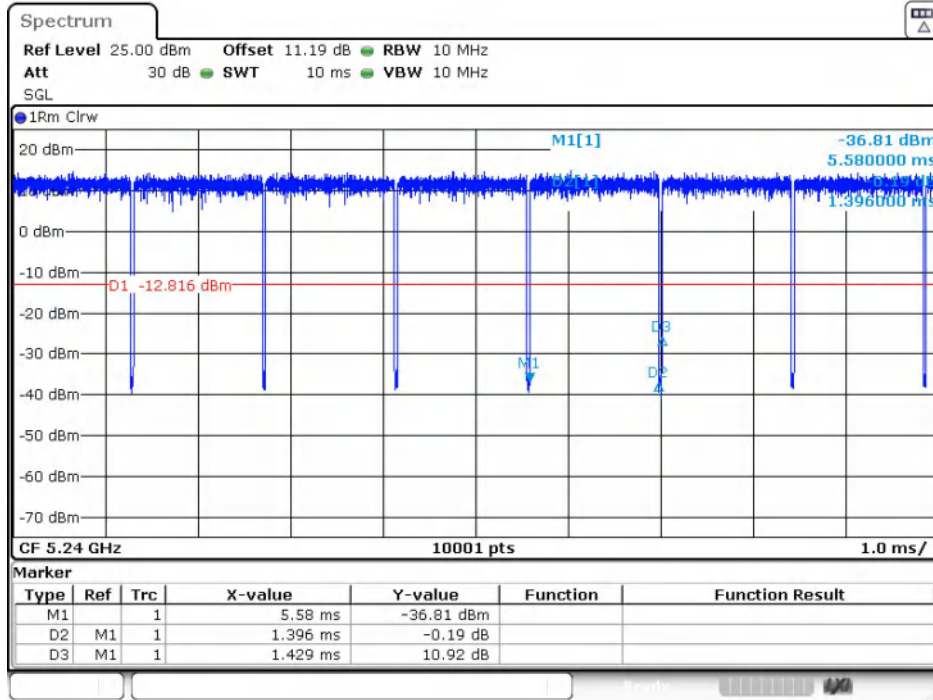
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IEEE 802.11a_20MHz_Channel 36



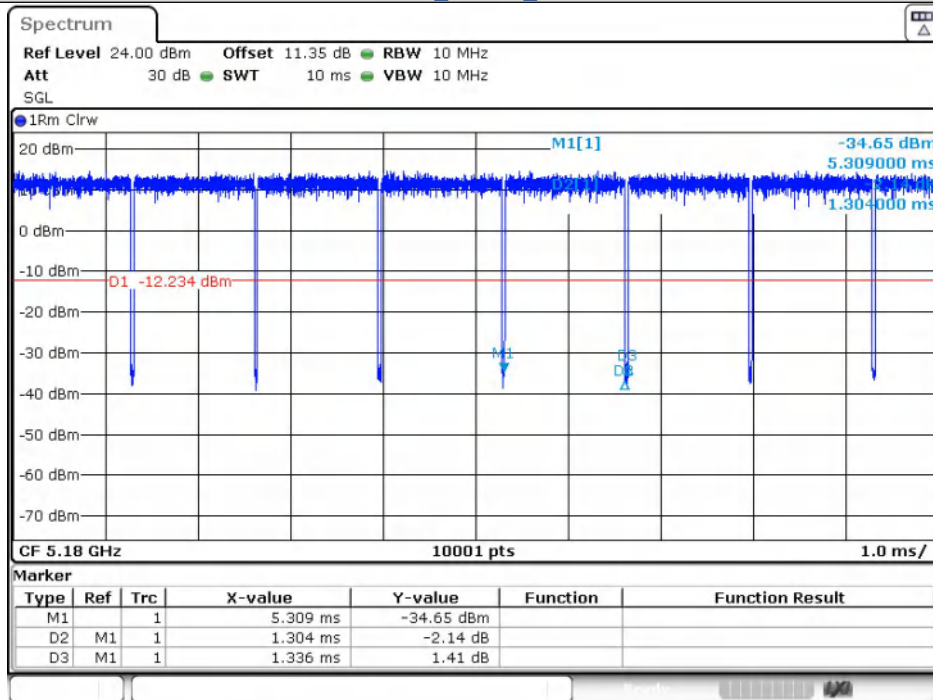
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IEEE 802.11a_20MHz_Channel 40



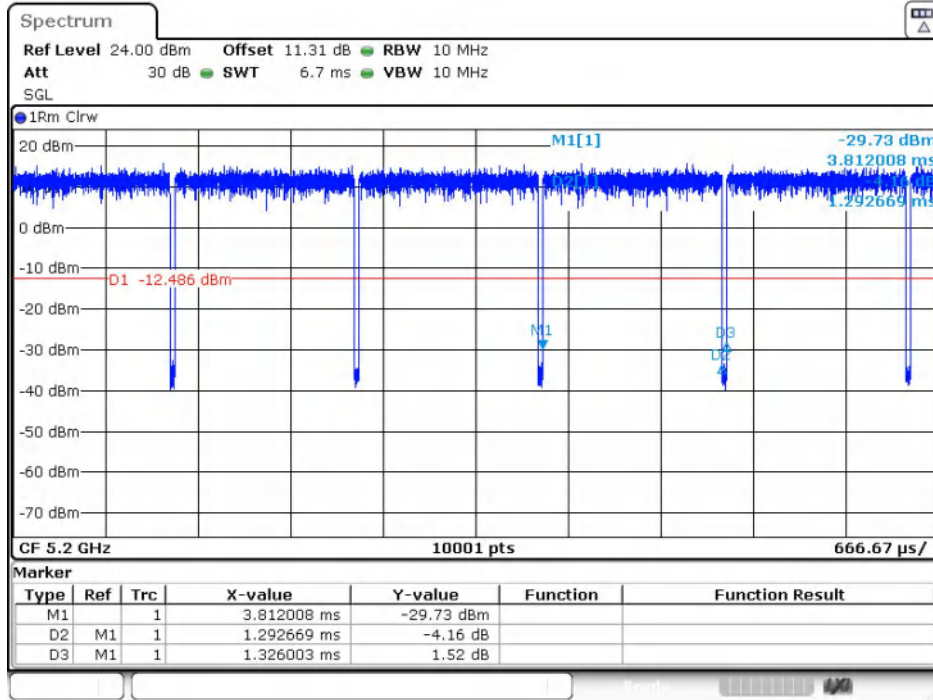
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IEEE 802.11a_20MHz_Channel 48



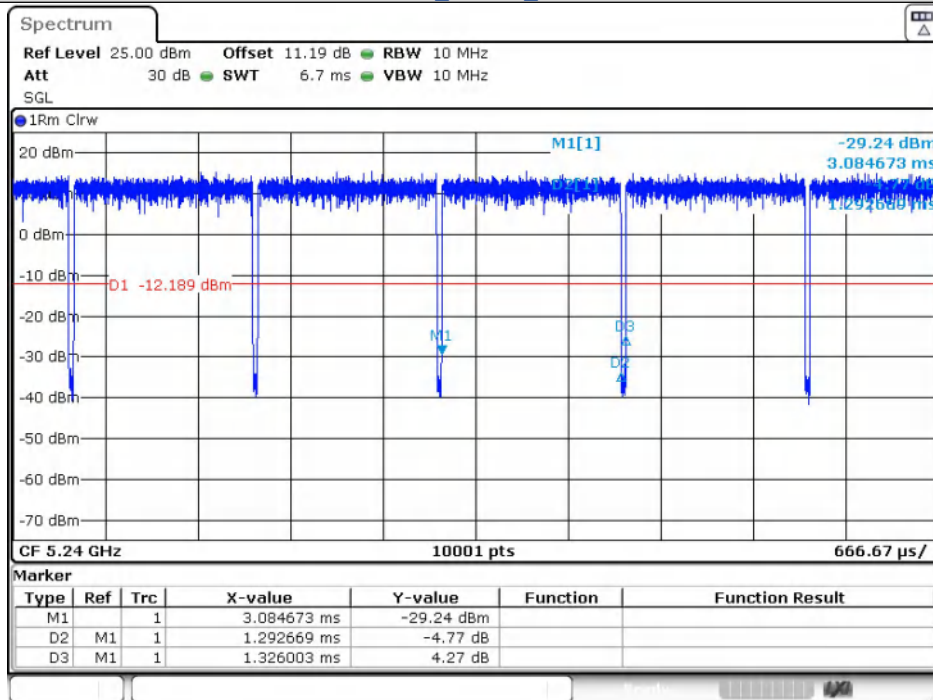
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IEEE 802.11n_20MHz_Channel 36



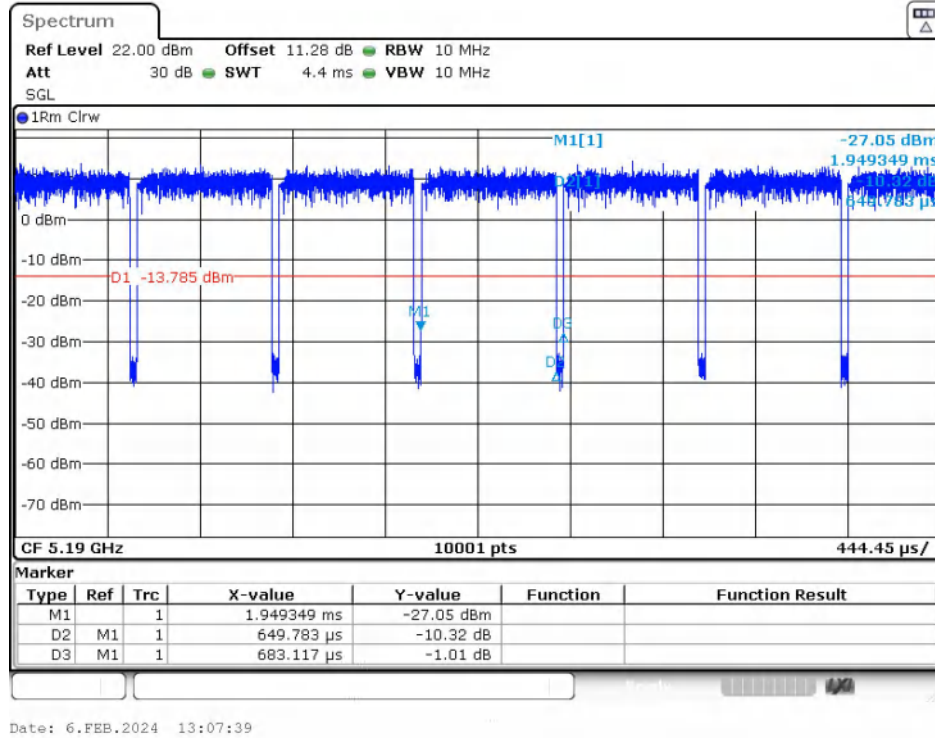
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IEEE 802.11n_20MHz_Channel 40

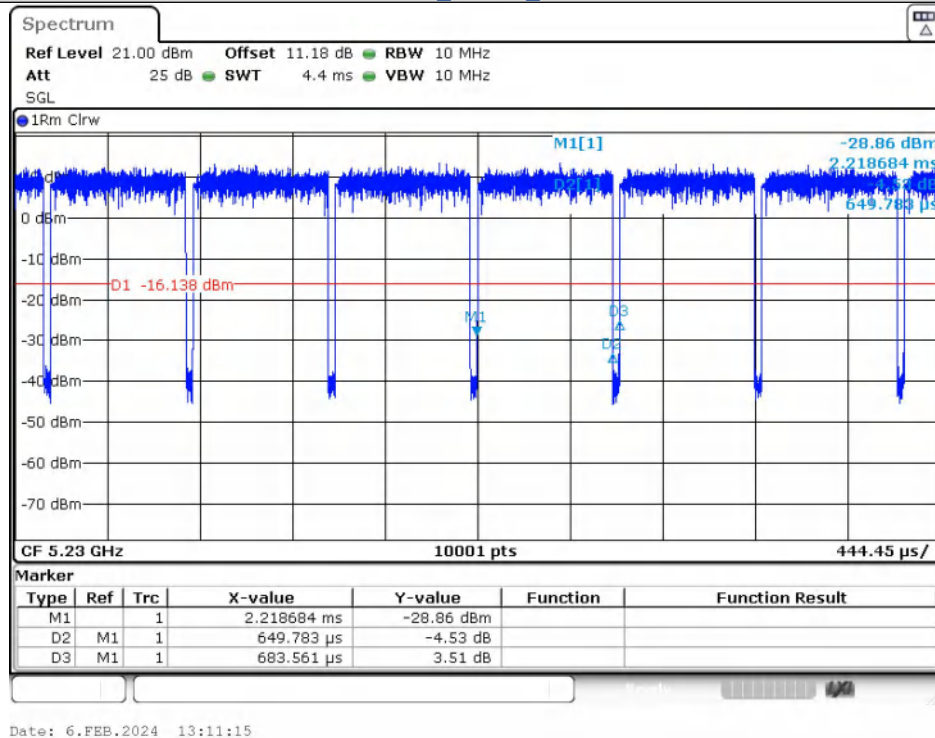


Date: 6.FEB.2024 13:03:42

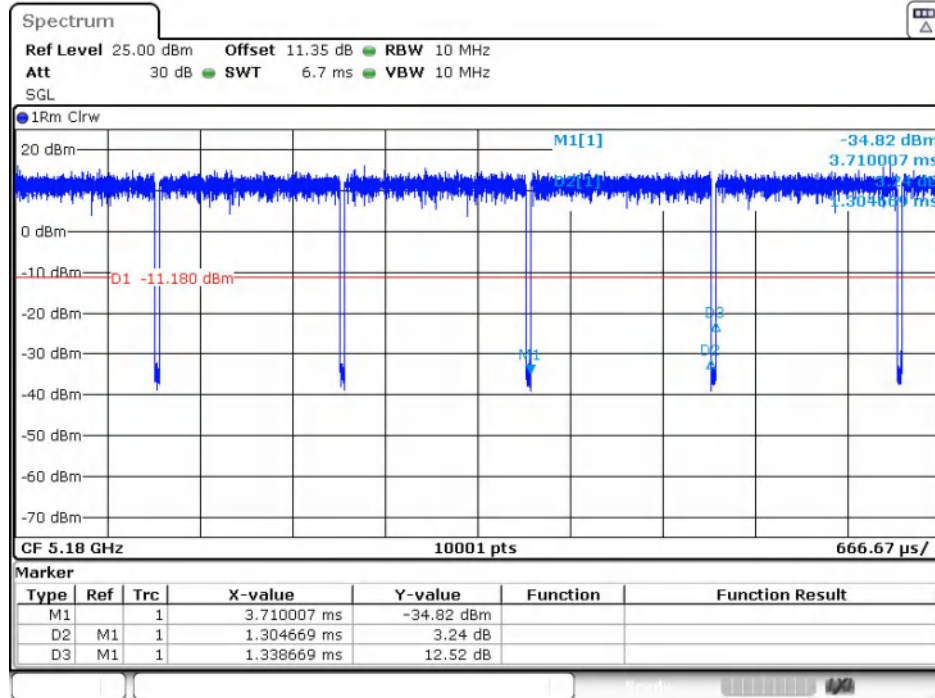
IEEE 802.11n_20MHz_Channel 48



IEEE 802.11n_40MHz_Channel 38

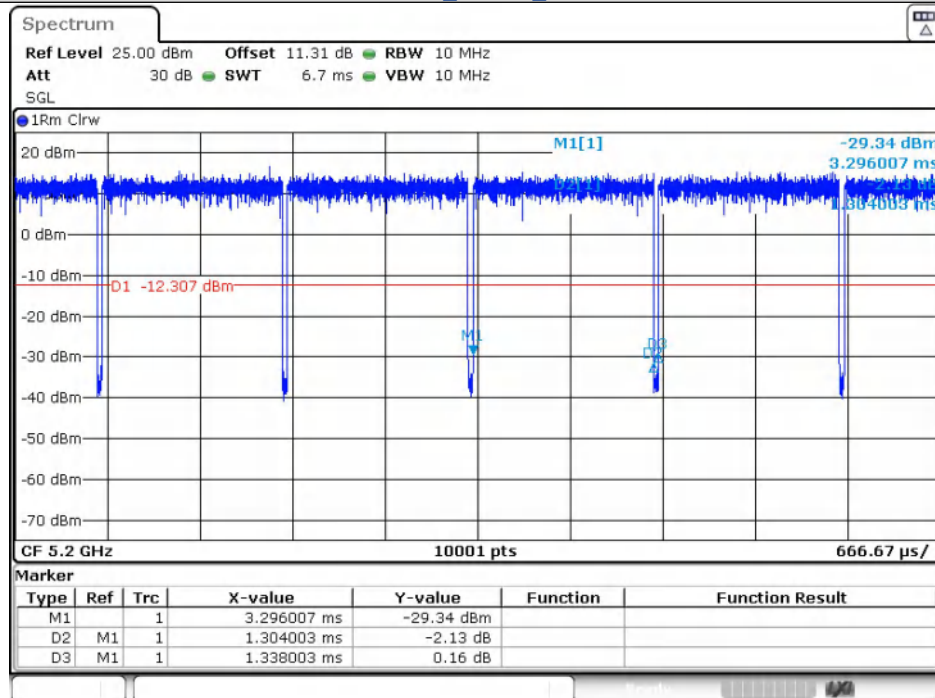


IEEE 802.11n_40MHz_Channel 46



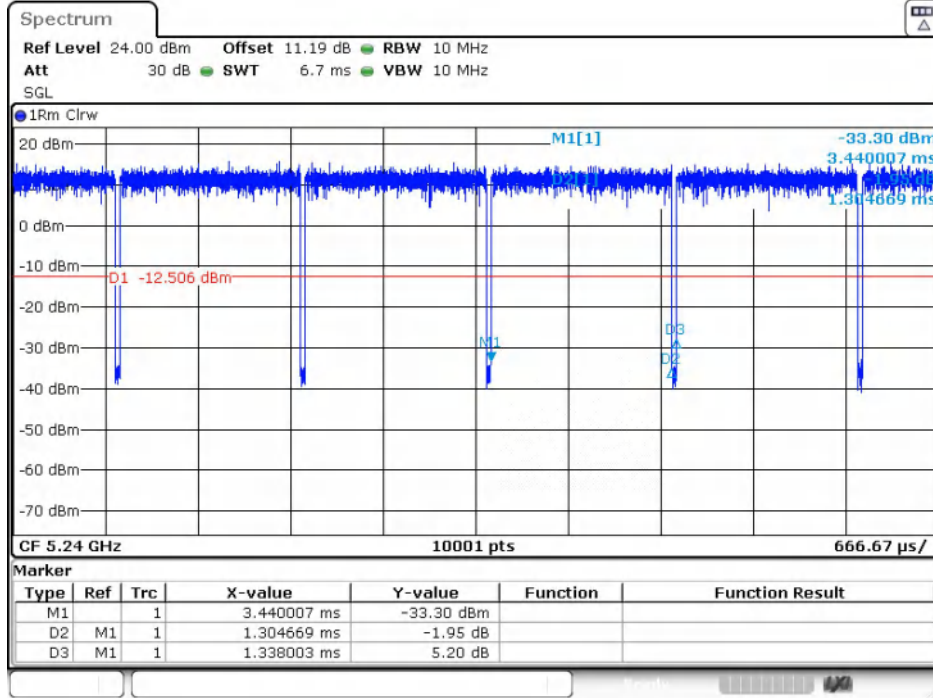
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IEEE 802.11ac_20MHz_Channel 36



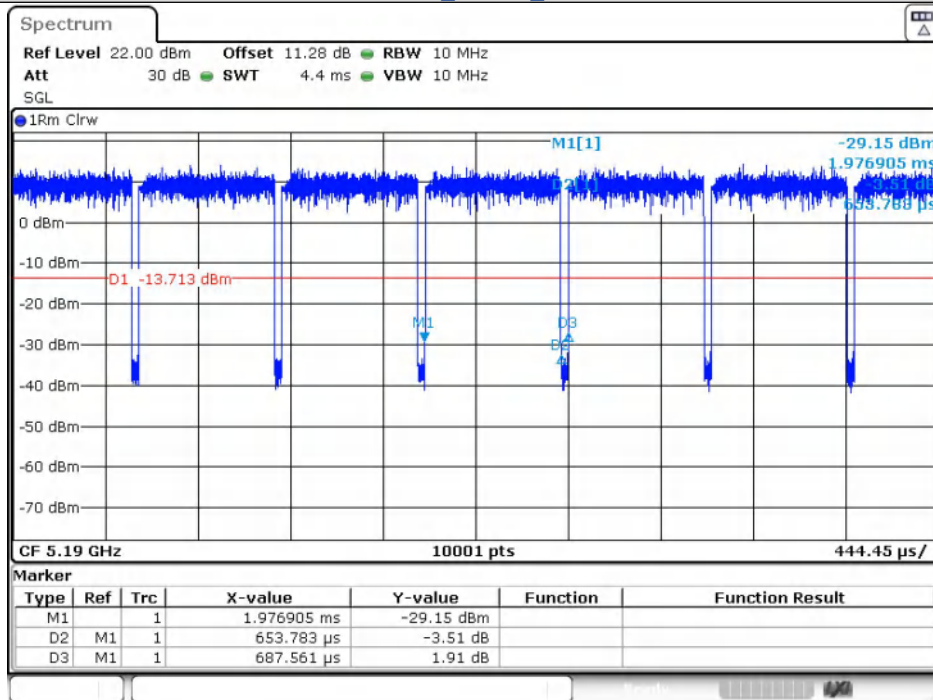
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IEEE 802.11ac_20MHz_Channel 40



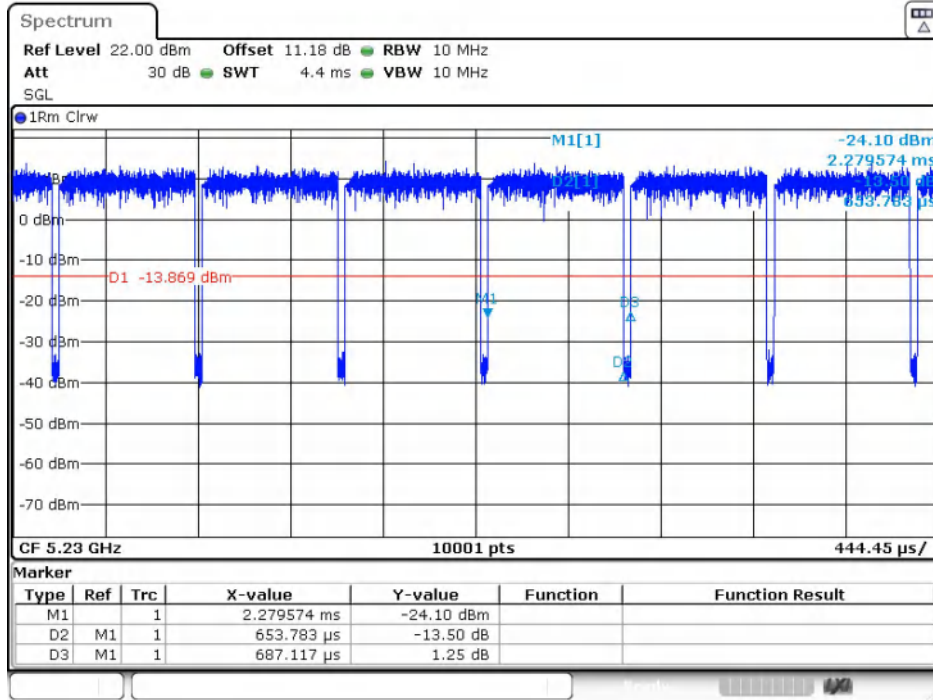
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IEEE 802.11ac_20MHz_Channel 48



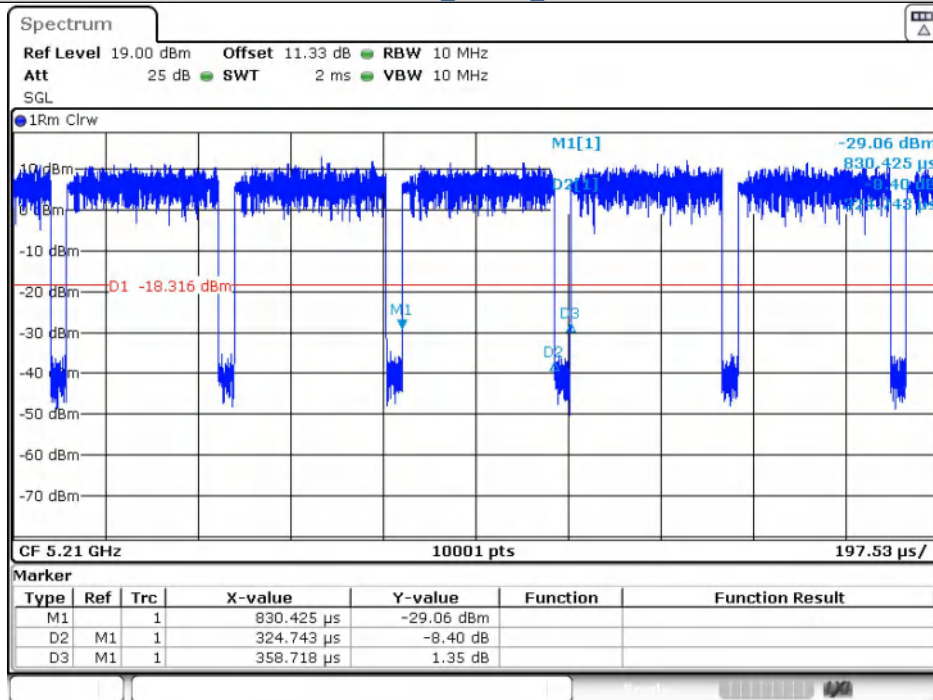
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IEEE 802.11ac_40MHz_Channel 38



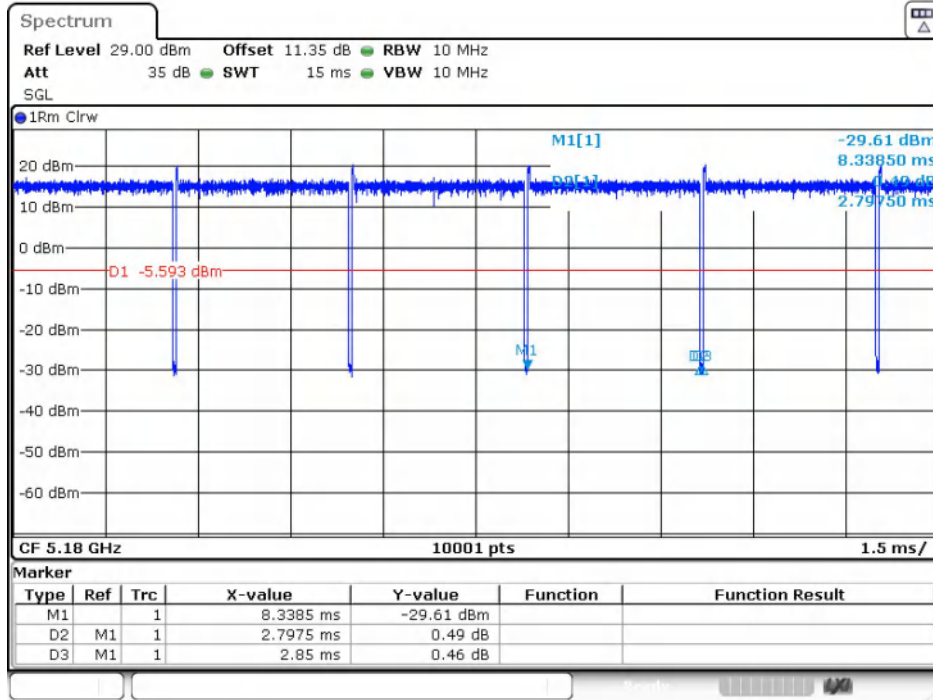
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IEEE 802.11ac_40MHz_Channel 46



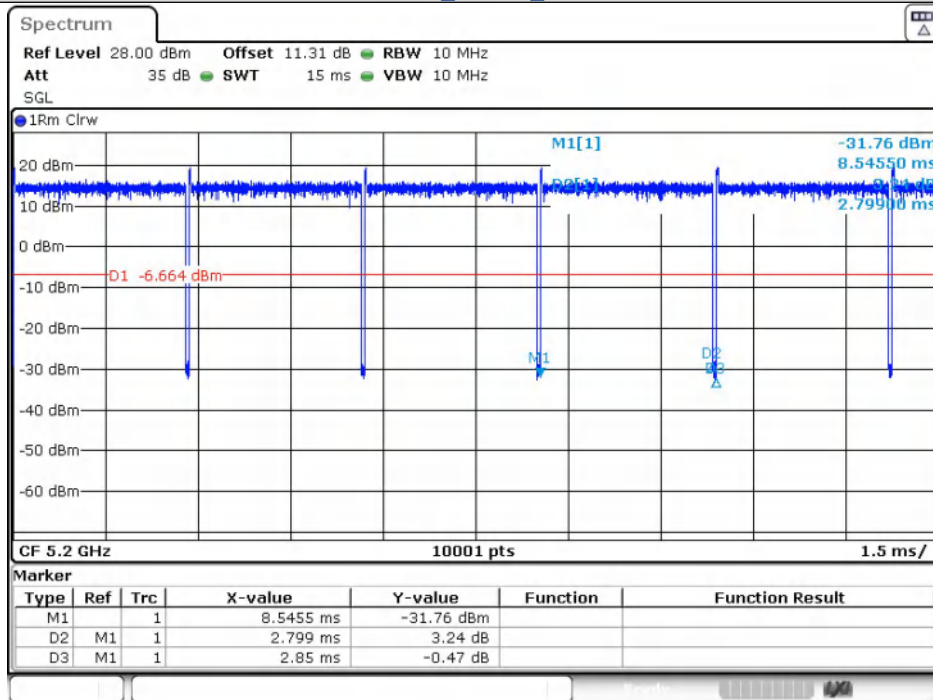
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IEEE 802.11ac_80MHz_Channel 42



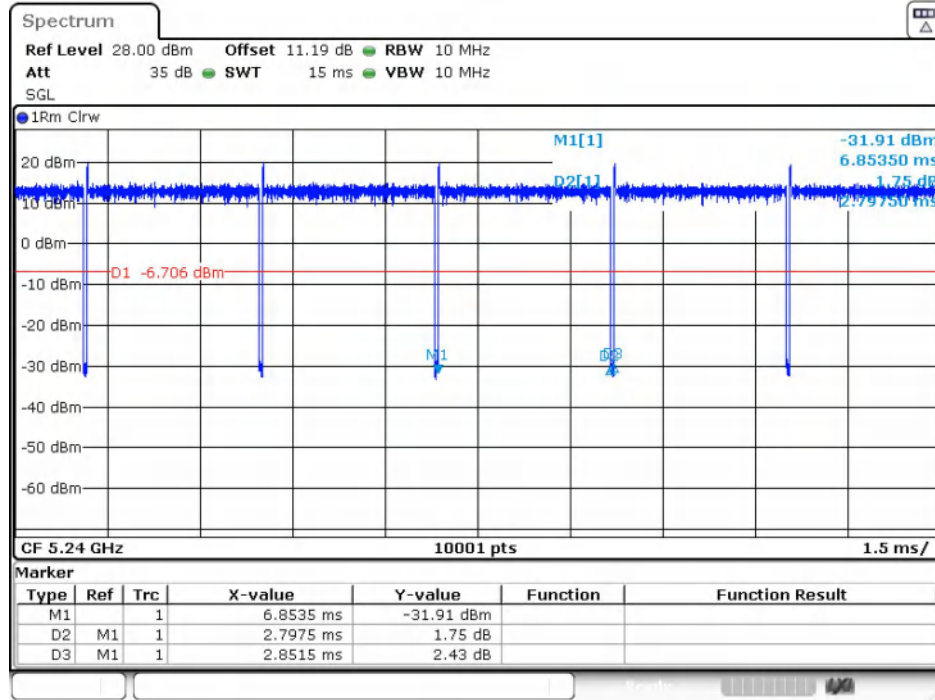
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IEEE 802.11ax_20MHz_Channel 36



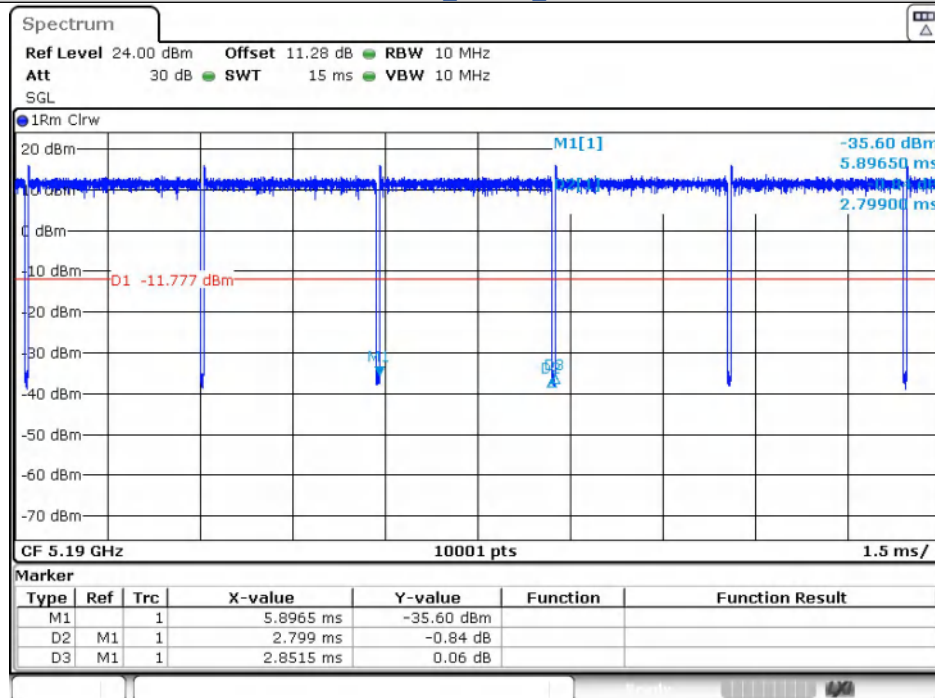
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IEEE 802.11ax_20MHz_Channel 40



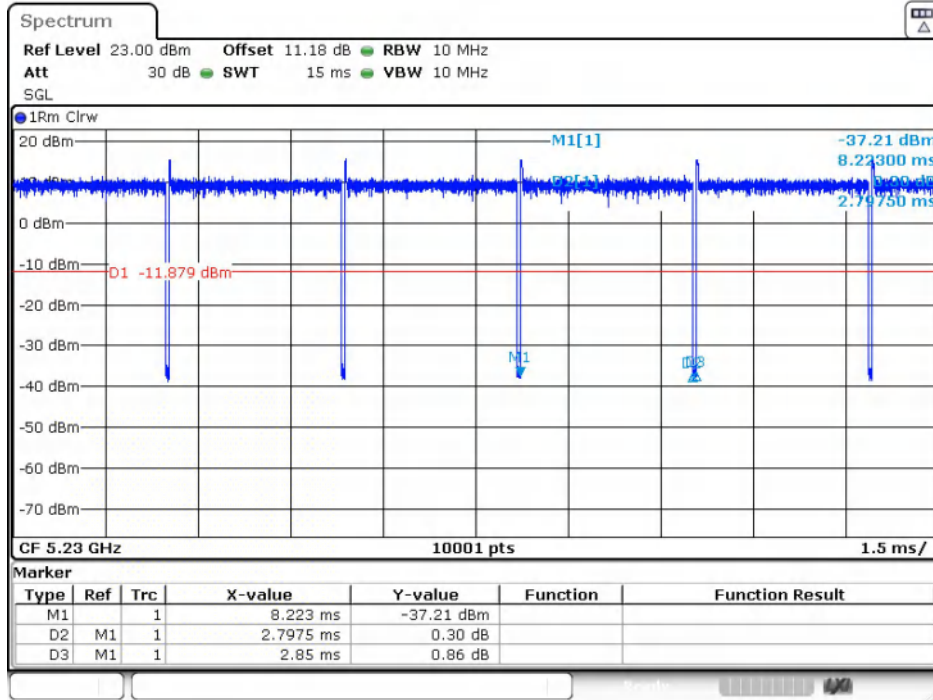
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IEEE 802.11ax_20MHz_Channel 48



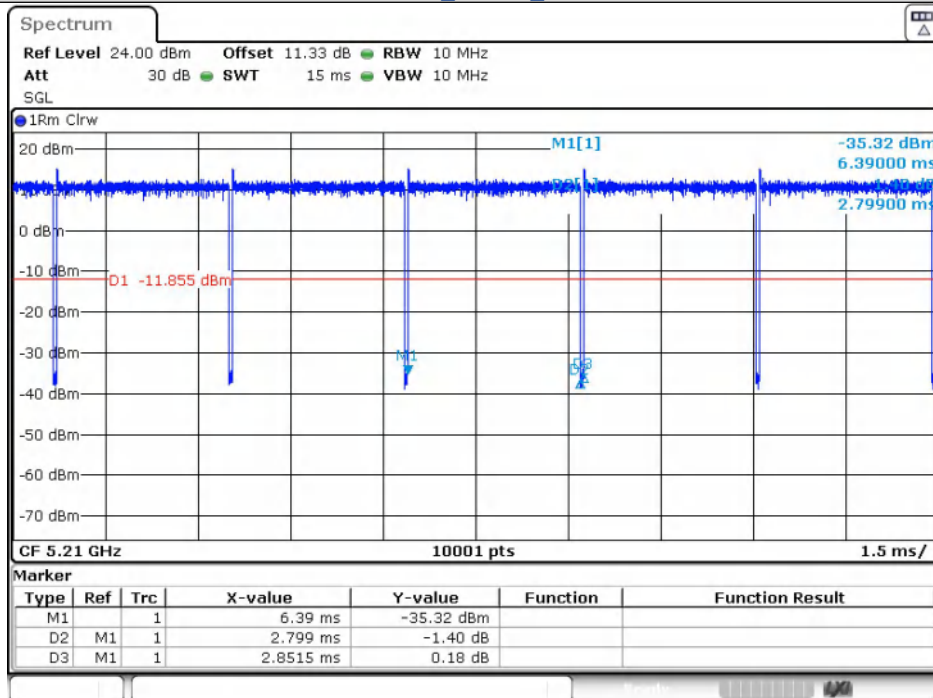
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IEEE 802.11ax_40MHz_Channel 38



Date: 6.FEB.2024 16:09:06

IEEE 802.11ax_40MHz_Channel 46



Date: 6.FEB.2024 16:12:37

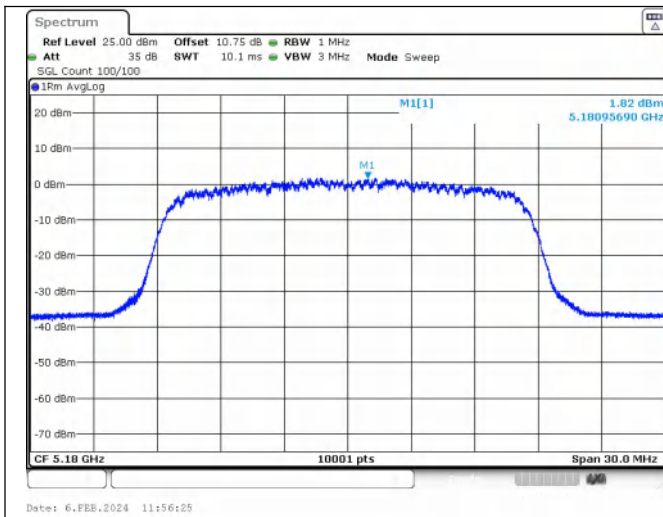
IEEE 802.11ax_80MHz_Channel 42

Peak Power Spectral Density

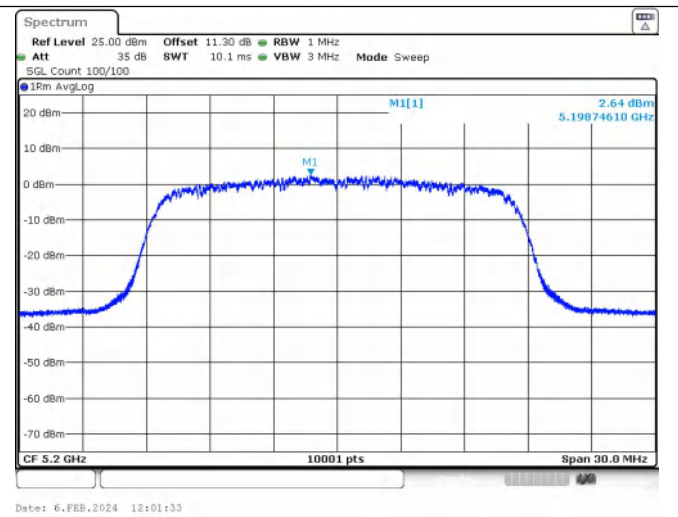
Test Result

Mode	Channel	RU & Index	Ant. 0 Meas PSD (dBm/MHz or dBm/0.5MHz)	Ant. 0 Corr'd PSD (dBm/MHz or dBm/0.5MHz)	Limit (dBm/MHz or dBm/0.5MHz)	Result
IEEE 802.11a	36	N/A	1.819	1.921	11	PASS
	40		2.638	2.739		PASS
	48		2.548	2.649		PASS
IEEE 802.11n_20	36		1.188	1.298		PASS
	40		2.229	2.339		PASS
	48		2.221	2.331		PASS
IEEE 802.11n_40	38		-2.100	-1.88		PASS
	46		-0.809	-0.589		PASS
IEEE 802.11ac_20	36		1.864	1.973		PASS
	40		2.436	2.546		PASS
	48		2.340	2.449		PASS
IEEE 802.11ac_40	38		-1.384	-1.168		PASS
	46		-0.872	-0.656		PASS
IEEE 802.11ac_80	42		-5.969	-5.537		PASS
IEEE 802.11ax_20	36	SU	5.320	5.403		PASS
	40		5.502	5.585		PASS
	48		3.721	3.804		PASS
IEEE 802.11ax_40	38		2.014	2.094		PASS
	46		1.201	1.282		PASS
IEEE 802.11ax_80	42		1.219	1.3		PASS

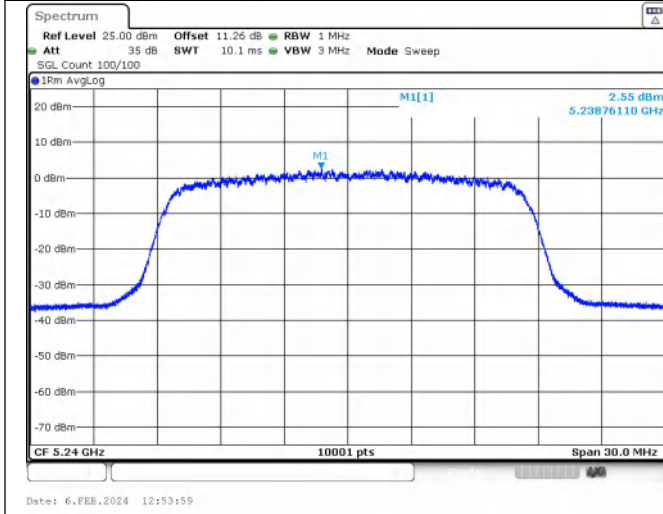
Test Graphs



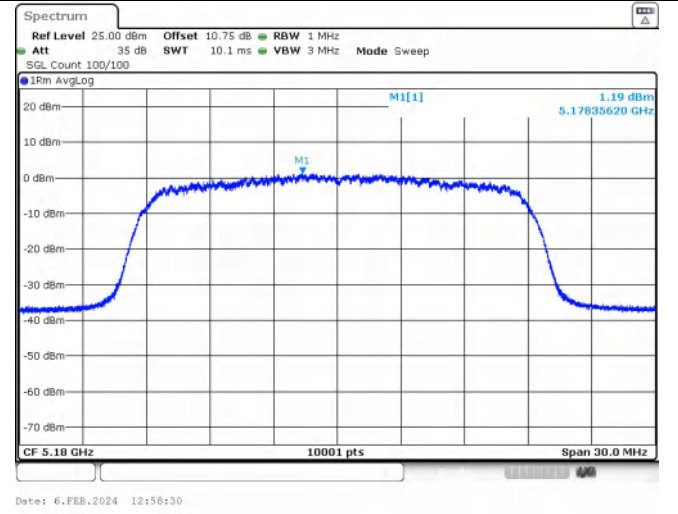
IEEE 802.11a_Channel 36_20MHz_Antenna 1



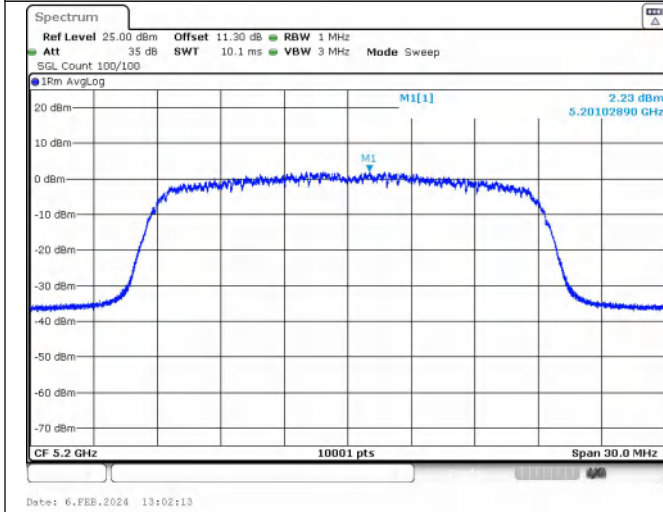
IEEE 802.11a_Channel 40_20MHz_Antenna 1



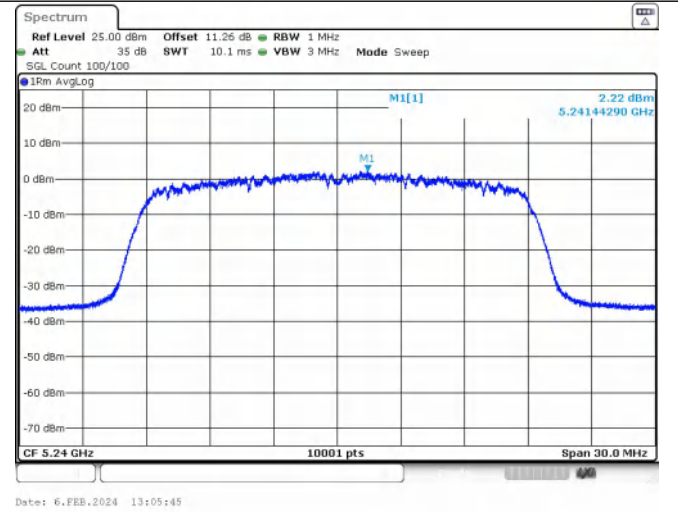
IEEE 802.11a_Channel 48_20MHz_Antenna 1



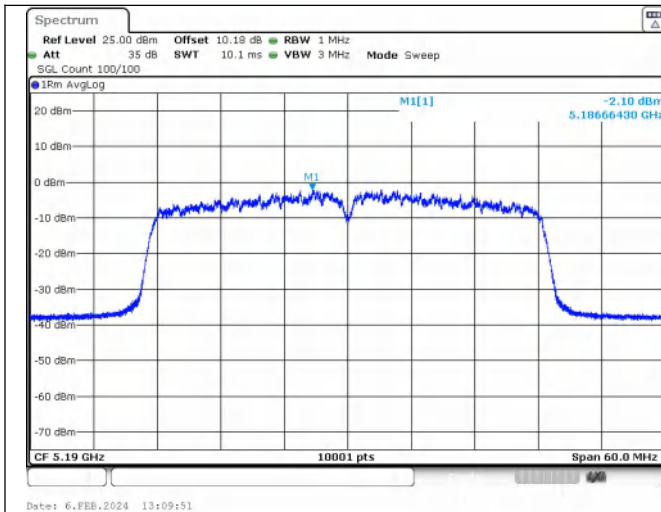
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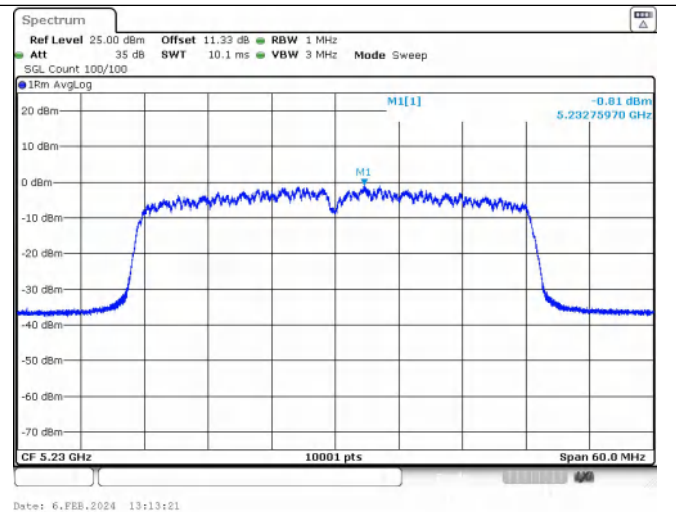
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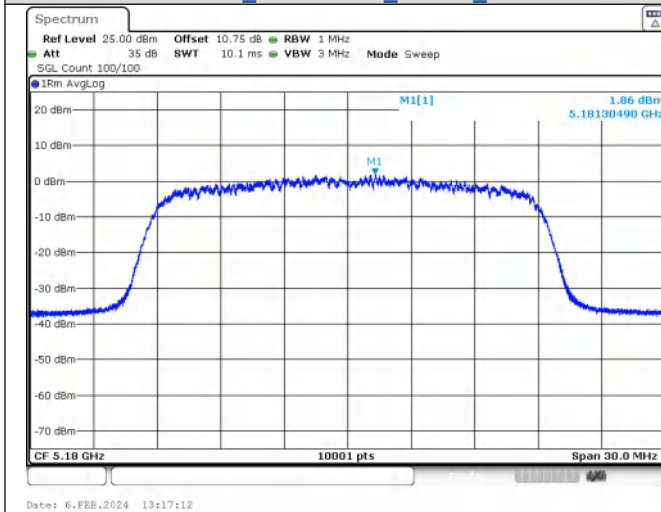
IEEE 802.11n_Channel 48_20MHz_Antenna 1



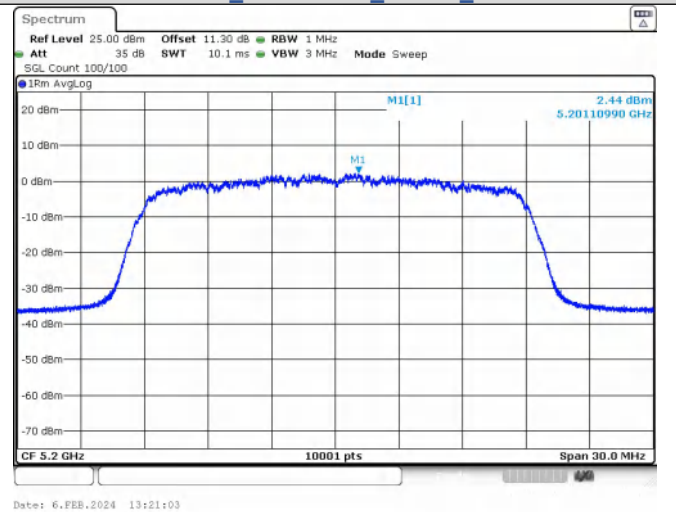
IEEE 802.11n_Channel 38_40MHz_Antenna 1



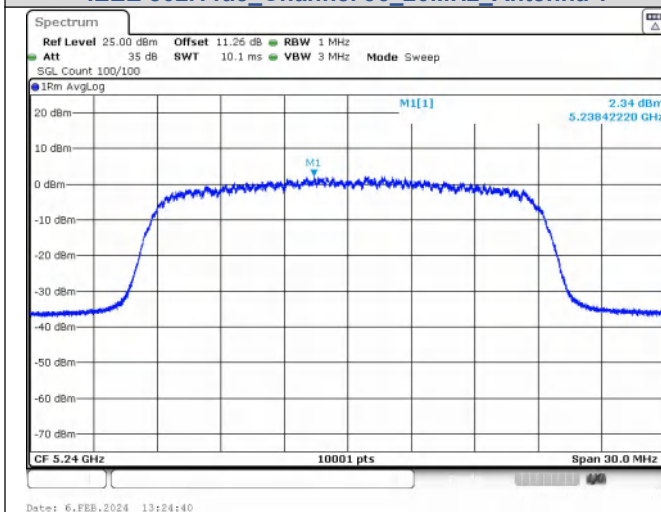
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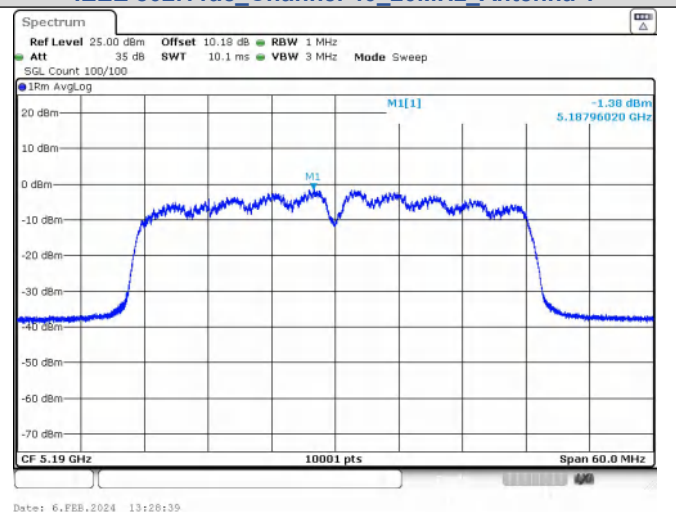
IEEE 802.11ac_Channel 36_20MHz_Antenna 1



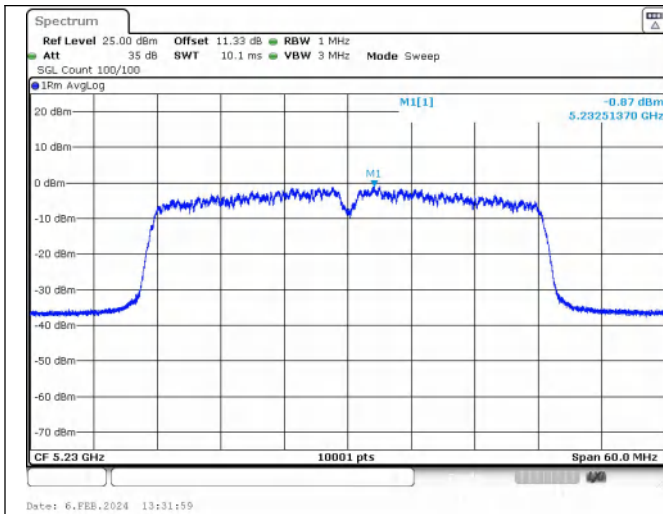
IEEE 802.11ac_Channel 40_20MHz_Antenna 1



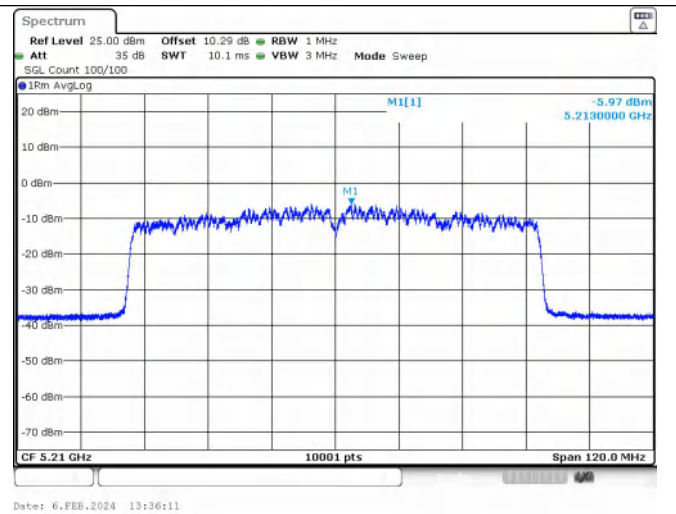
IEEE 802.11ac_Channel 48_20MHz_Antenna 1



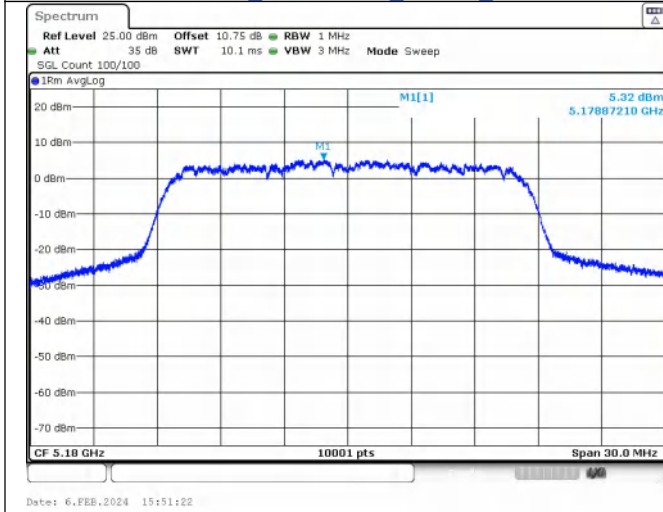
IEEE 802.11ac_Channel 38_40MHz_Antenna 1



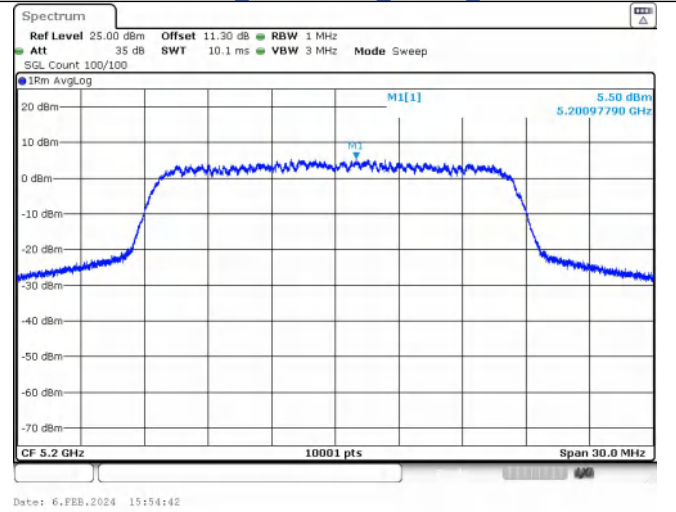
IEEE 802.11ac_Channel 46_40MHz_Antenna 1



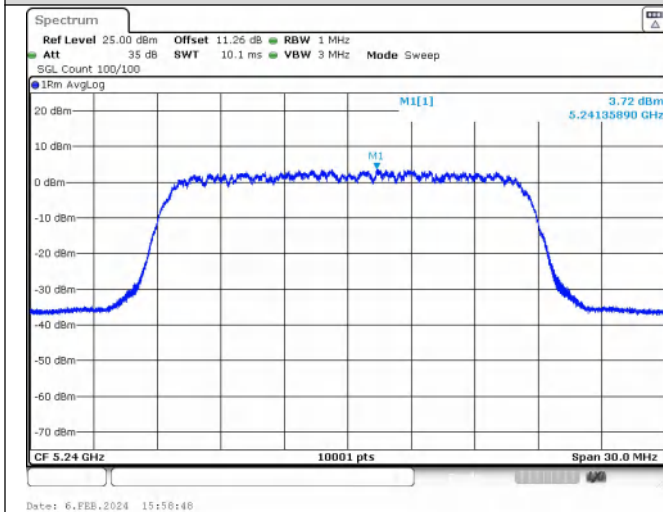
IEEE 802.11ac_Channel 42_80MHz_Antenna 1



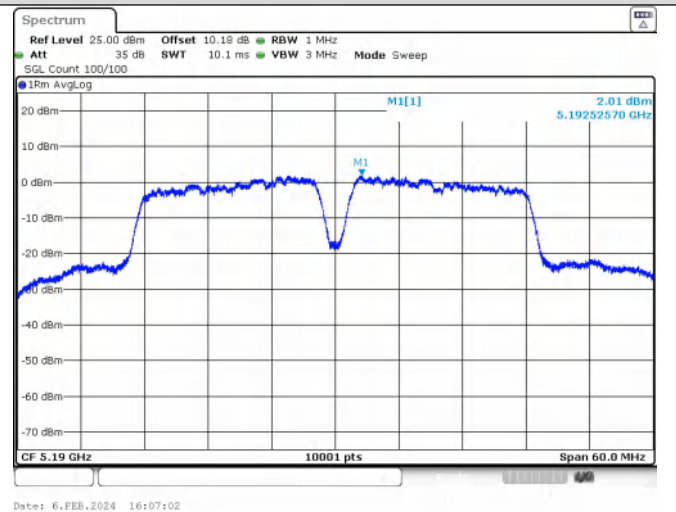
IEEE 802.11ax_Channel 36_20MHz_Antenna 1_RU&Index SU



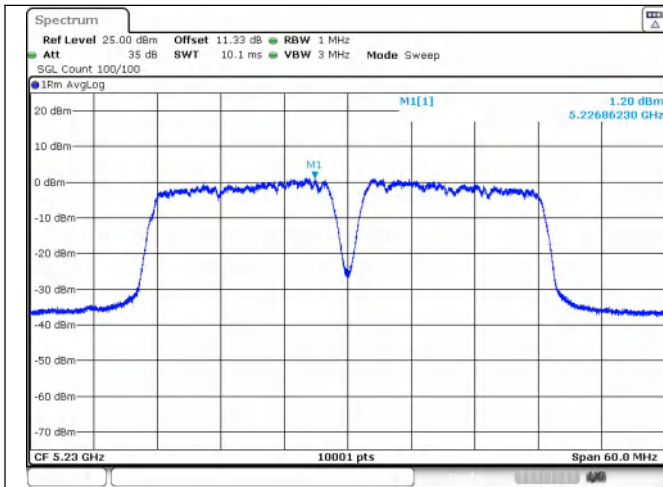
IEEE 802.11ax_Channel 40_20MHz_Antenna 1_RU&Index SU



IEEE 802.11ax_Channel 48_20MHz_Antenna 1_RU&Index SU

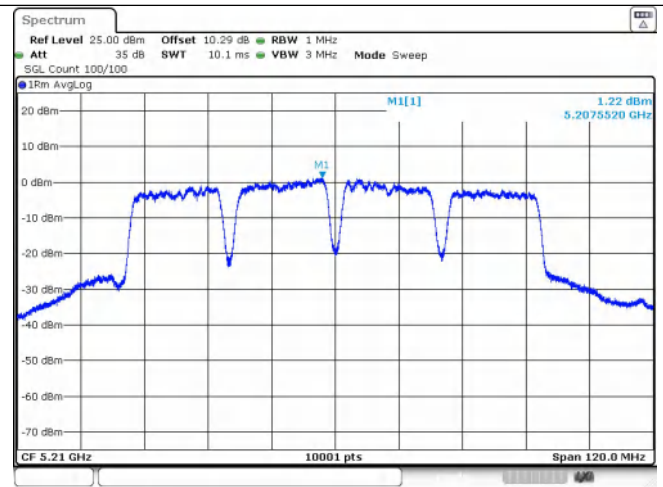


IEEE 802.11ax_Channel 38_40MHz_Antenna 1_RU&Index SU



Date: 6.FEB.2024 16:10:50

IEEE 802.11ax_Channel 46_40MHz_Antenna 1_RU&Index
SU



Date: 6.FEB.2024 16:14:45

IEEE 802.11ax_Channel 42_80MHz_Antenna 1_RU&Index
SU