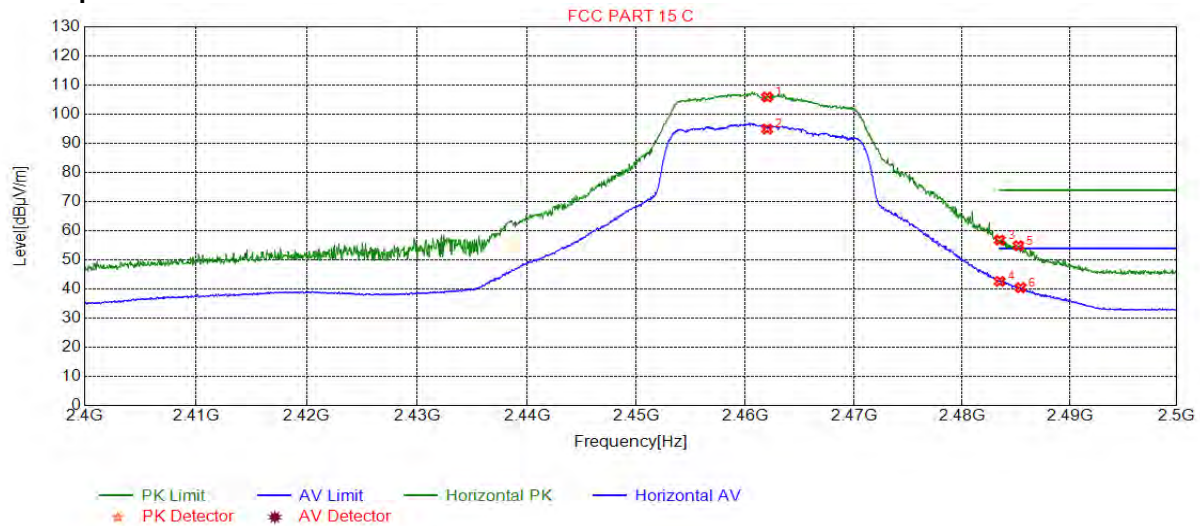


4.10.1.27 802.11N20_Channel 11

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462.00	105.90	8.75	0.00	-105.90	100	305	Horizontal
2	2462.00	94.95	8.75	0.00	-94.95	200	309	Horizontal
3	2483.50	56.83	8.50	74.00	17.17	300	297	Horizontal
4	2483.50	42.67	8.50	54.00	11.33	100	309	Horizontal
5	2485.24	54.90	8.49	74.00	19.10	100	309	Horizontal
6	2485.44	40.51	8.50	54.00	13.49	300	305	Horizontal

Final Data List



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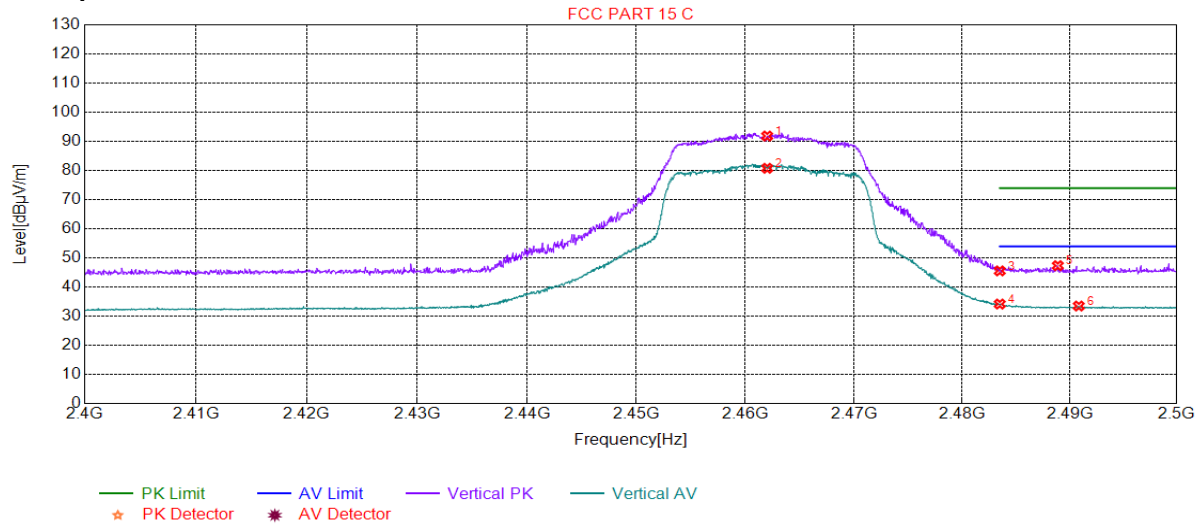
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4.10.1.28 802.11N20_Channel 11

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462.00	91.84	8.75	0.00	-91.84	100	208	Vertical
2	2462.00	80.78	8.75	0.00	-80.78	200	208	Vertical
3	2483.50	45.59	8.50	74.00	28.41	300	205	Vertical
4	2483.50	34.21	8.50	54.00	19.79	400	85	Vertical
5	2488.89	47.38	8.59	74.00	26.62	100	224	Vertical
6	2490.84	33.54	8.62	54.00	20.46	100	62	Vertical

Final Data List

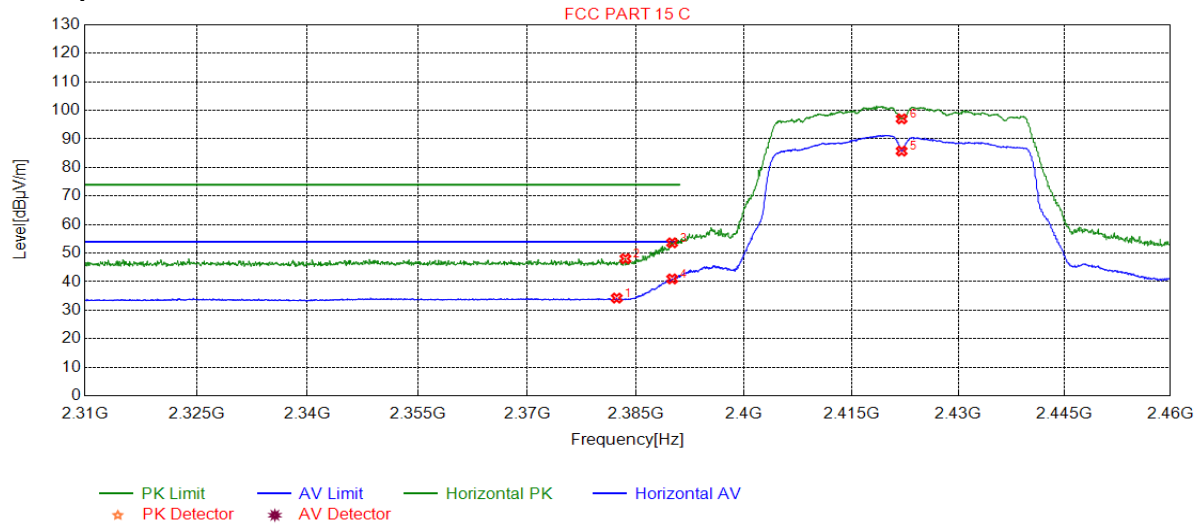


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4.10.1.29 802.11N40_Channel 3

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2382.33	34.25	7.92	54.00	19.75	100	306	Horizontal
2	2383.53	48.05	7.88	74.00	25.95	300	306	Horizontal
3	2390.00	53.62	7.98	74.00	20.38	100	311	Horizontal
4	2390.00	40.97	7.98	54.00	13.03	100	302	Horizontal
5	2422.00	85.76	8.45	0.00	-85.76	200	306	Horizontal
6	2422.00	97.03	8.45	0.00	-97.03	100	302	Horizontal

Final Data List



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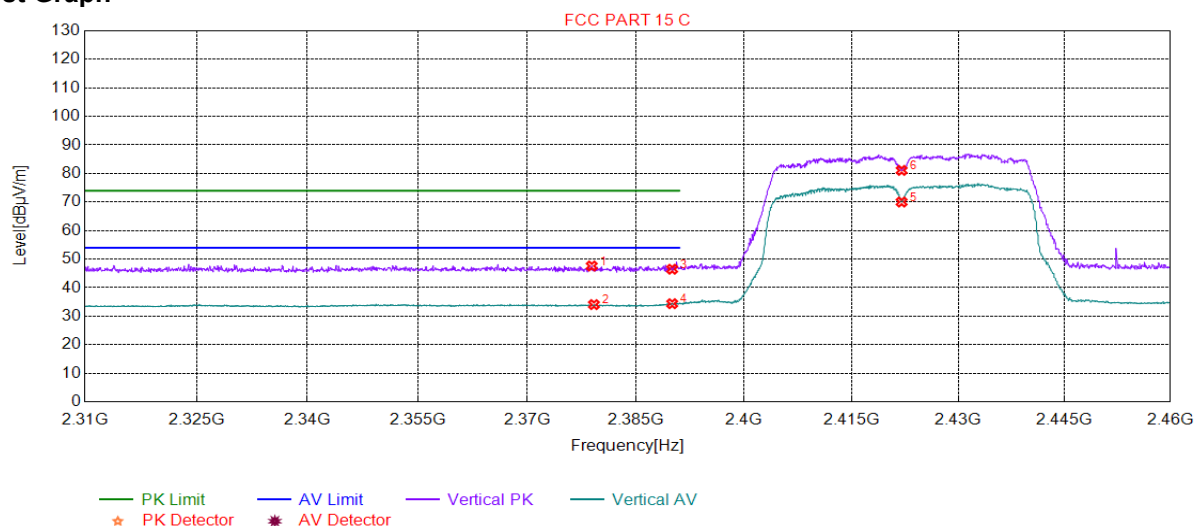
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4.10.1.30 802.11N40_Channel 3

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2378.88	47.60	7.98	74.00	26.40	100	133	Vertical
2	2379.18	34.08	7.99	54.00	19.92	200	157	Vertical
3	2390.00	46.48	7.98	74.00	27.52	300	228	Vertical
4	2390.00	34.40	7.98	54.00	19.60	100	224	Vertical
5	2422.00	70.01	8.45	0.00	-70.01	100	288	Vertical
6	2422.00	81.09	8.45	0.00	-81.09	300	288	Vertical

Final Data List



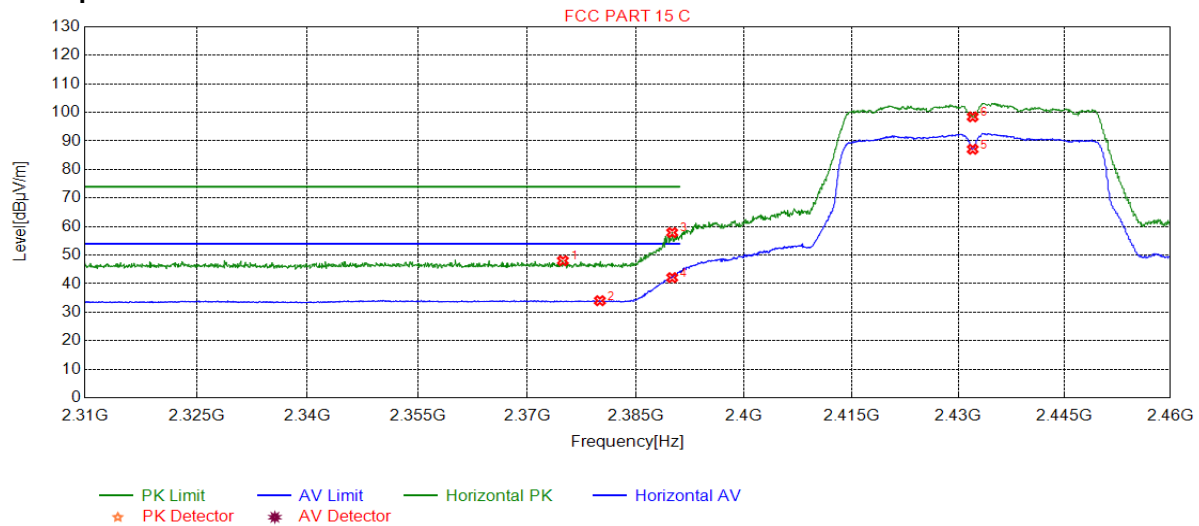
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4.10.1.31 802.11N40_Channel 5

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2374.90	48.05	7.95	74.00	25.95	100	226	Horizontal
2	2380.01	34.04	8.00	54.00	19.96	200	98	Horizontal
3	2390.00	57.90	7.98	74.00	16.10	300	306	Horizontal
4	2390.00	42.13	7.98	54.00	11.87	100	302	Horizontal
5	2432.00	87.10	8.59	0.00	-87.10	100	306	Horizontal
6	2432.00	98.45	8.59	0.00	-98.45	300	298	Horizontal

Final Data List



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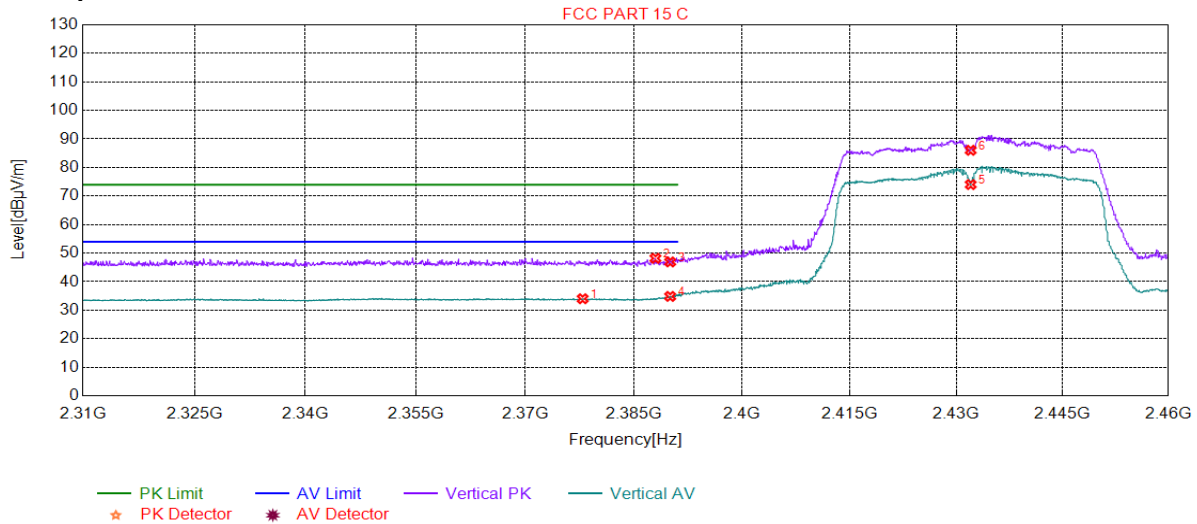
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4.10.1.32 802.11N40_Channel 5

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2377.90	34.03	7.97	54.00	19.97	200	360	Vertical
2	2387.96	48.19	7.92	74.00	25.81	200	326	Vertical
3	2390.00	46.92	7.98	74.00	27.08	300	190	Vertical
4	2390.00	34.85	7.98	54.00	19.15	100	223	Vertical
5	2432.00	74.02	8.59	0.00	-74.02	200	209	Vertical
6	2432.00	86.03	8.59	0.00	-86.03	100	205	Vertical

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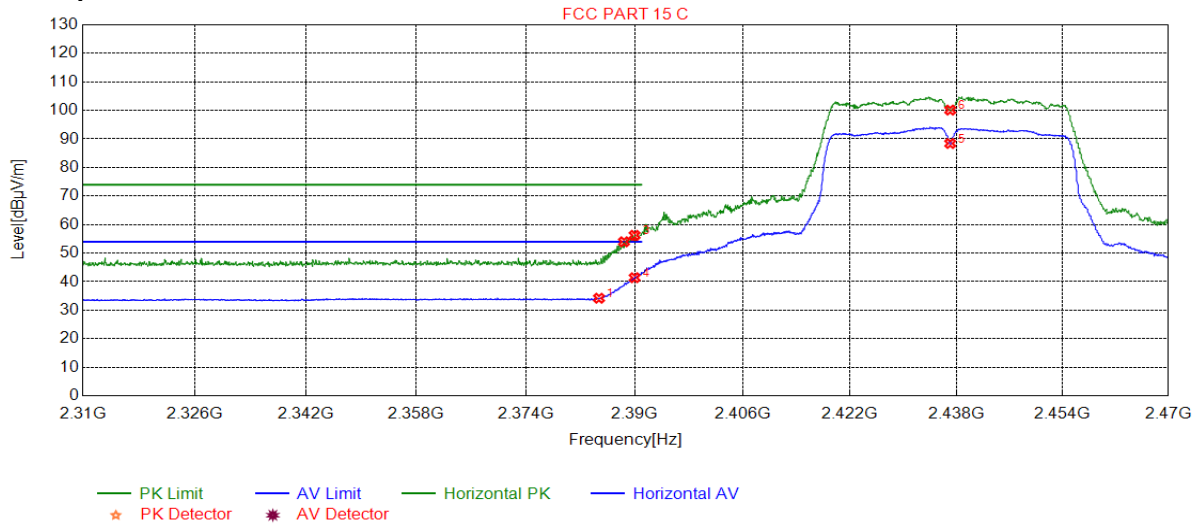
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4.10.1.33 802.11N40_Channel 6

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2384.75	34.21	7.84	54.00	19.79	100	240	Horizontal
2	2388.43	53.98	7.94	74.00	20.02	100	221	Horizontal
3	2390.00	56.25	7.98	74.00	17.75	300	312	Horizontal
4	2390.00	41.40	7.98	54.00	12.60	100	308	Horizontal
5	2437.00	88.42	8.66	0.00	-88.42	100	304	Horizontal
6	2437.00	100.12	8.66	0.00	-100.12	200	315	Horizontal

Final Data List



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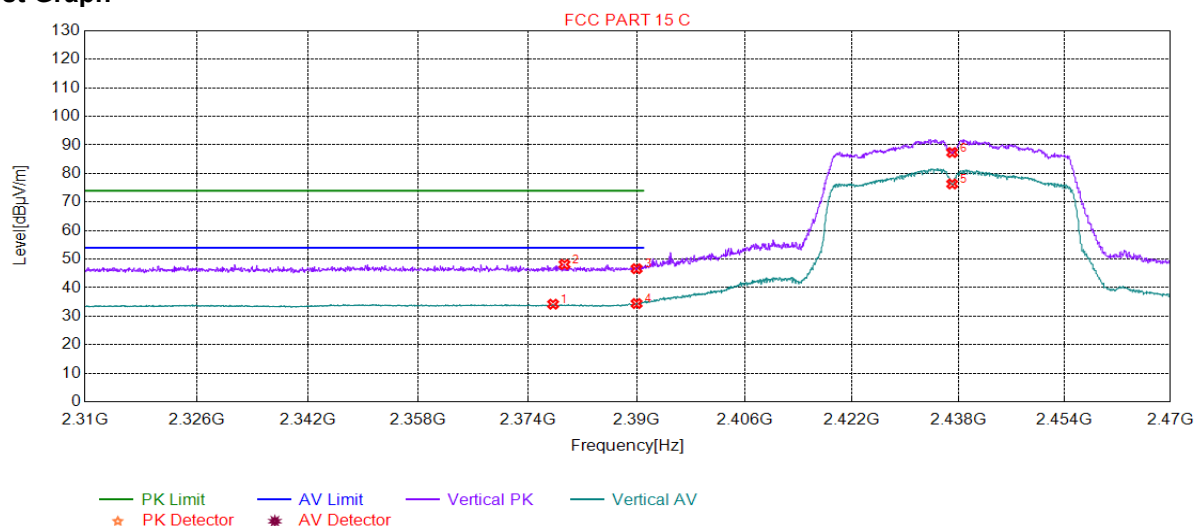
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4.10.1.34 802.11N40_Channel 6

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2377.71	34.22	7.97	54.00	19.78	300	282	Vertical
2	2379.39	48.15	7.99	74.00	25.85	100	248	Vertical
3	2390.00	46.65	7.98	74.00	27.35	200	6	Vertical
4	2390.00	34.44	7.98	54.00	19.56	100	221	Vertical
5	2437.00	76.34	8.66	0.00	-76.34	300	202	Vertical
6	2437.00	87.36	8.66	0.00	-87.36	100	202	Vertical

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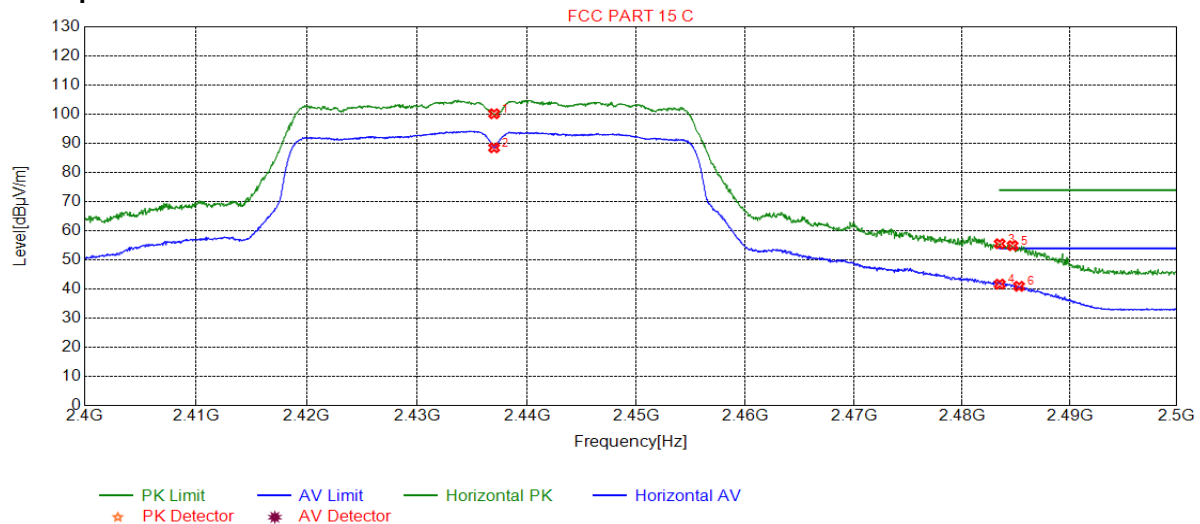
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4.10.1.35 802.11N40_Channel 6

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2437.00	100.17	8.66	0.00	-100.17	100	308	Horizontal
2	2437.00	88.50	8.66	0.00	-88.50	100	308	Horizontal
3	2483.50	55.57	8.50	74.00	18.43	200	308	Horizontal
4	2483.50	41.73	8.50	54.00	12.27	300	296	Horizontal
5	2484.69	54.93	8.49	74.00	19.07	200	289	Horizontal
6	2485.29	40.99	8.50	54.00	13.01	100	308	Horizontal

Final Data List

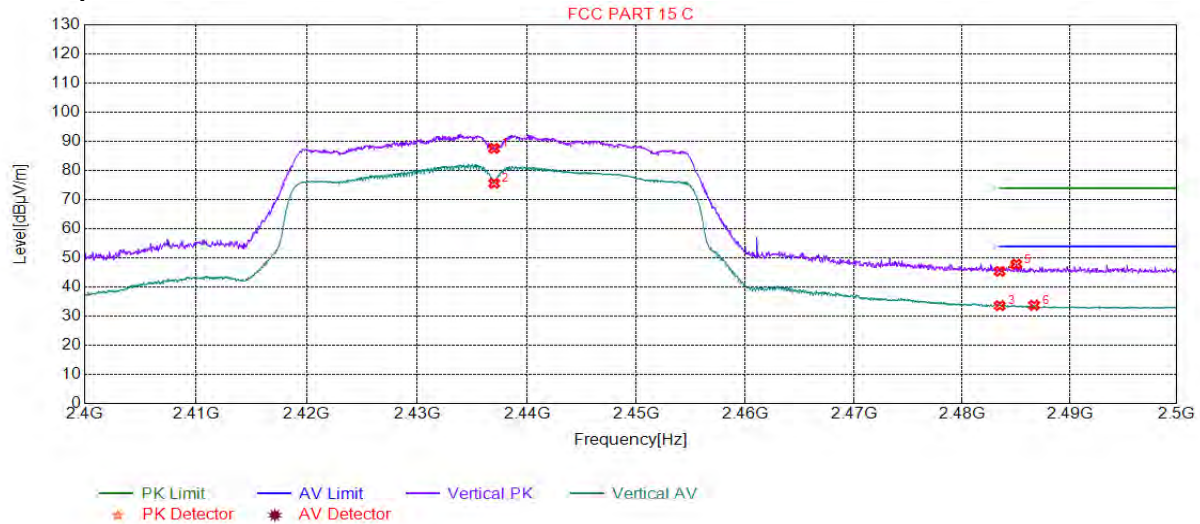


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4.10.1.36 802.11N40_Channel 6

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2437.00	87.59	8.66	0.00	-87.59	100	200	Vertical
2	2437.00	75.62	8.66	0.00	-75.62	100	208	Vertical
3	2483.50	33.66	8.50	54.00	20.34	200	81	Vertical
4	2483.50	45.43	8.50	74.00	28.57	300	126	Vertical
5	2485.04	47.89	8.49	74.00	26.11	100	260	Vertical
6	2486.69	33.78	8.53	54.00	20.22	200	204	Vertical

Final Data List

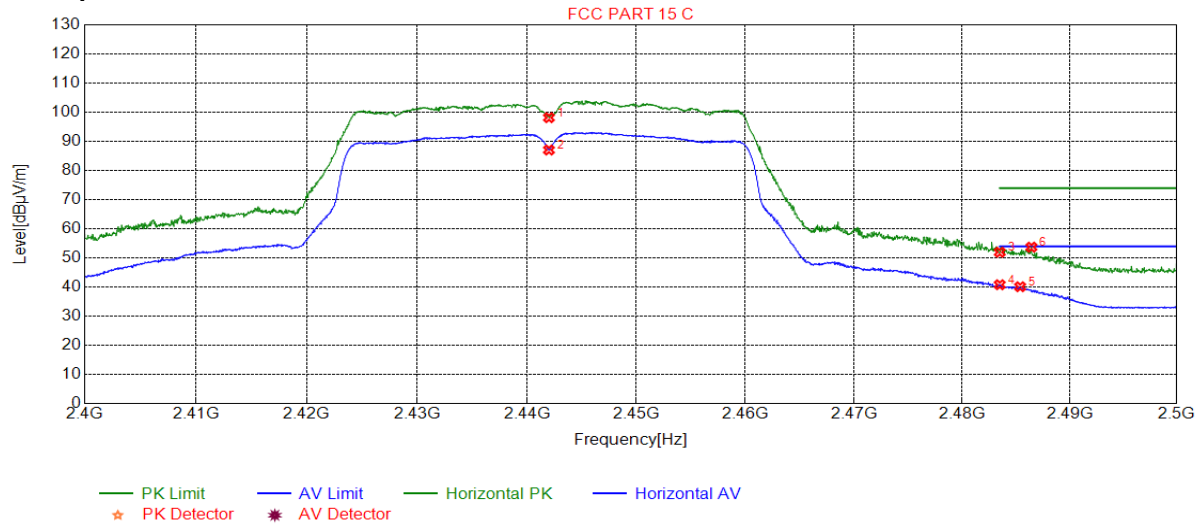


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4.10.1.37 802.11N40_Channel 7

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2442.00	98.14	8.65	0.00	-98.14	200	310	Horizontal
2	2442.00	87.06	8.65	0.00	-87.06	300	303	Horizontal
3	2483.50	51.99	8.50	74.00	22.01	100	306	Horizontal
4	2483.50	40.83	8.50	54.00	13.17	200	310	Horizontal
5	2485.39	40.15	8.50	54.00	13.85	100	310	Horizontal
6	2486.44	53.73	8.53	74.00	20.27	200	295	Horizontal

Final Data List



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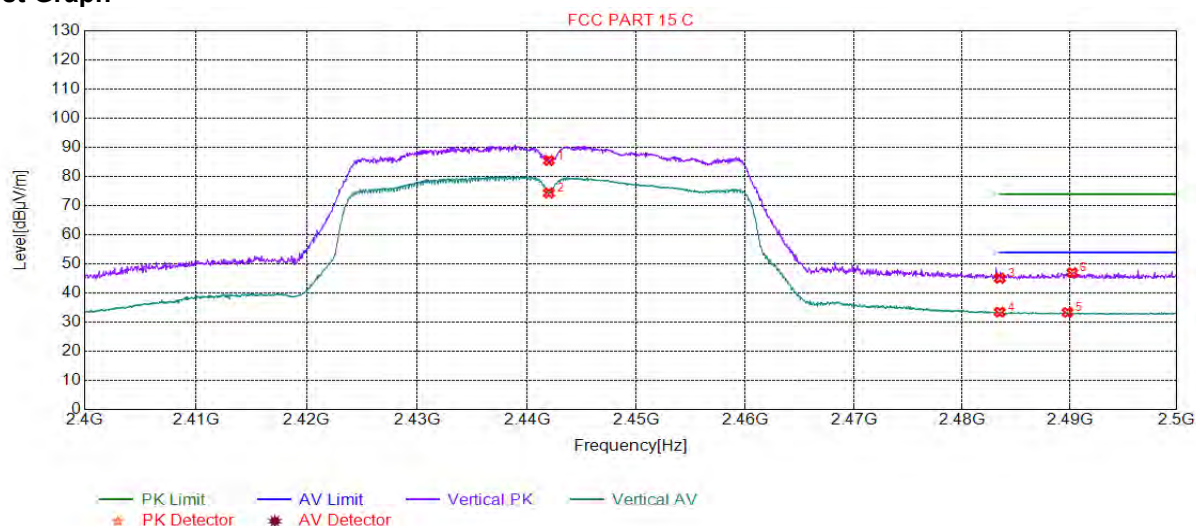
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4.10.1.38 802.11N40_Channel 7

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2442.00	85.48	8.65	0.00	-85.48	200	200	Vertical
2	2442.00	74.36	8.65	0.00	-74.36	100	204	Vertical
3	2483.50	45.13	8.50	74.00	28.87	200	159	Vertical
4	2483.50	33.49	8.50	54.00	20.51	100	87	Vertical
5	2489.79	33.38	8.62	54.00	20.62	300	84	Vertical
6	2490.24	47.01	8.62	74.00	26.99	100	298	Vertical

Final Data List

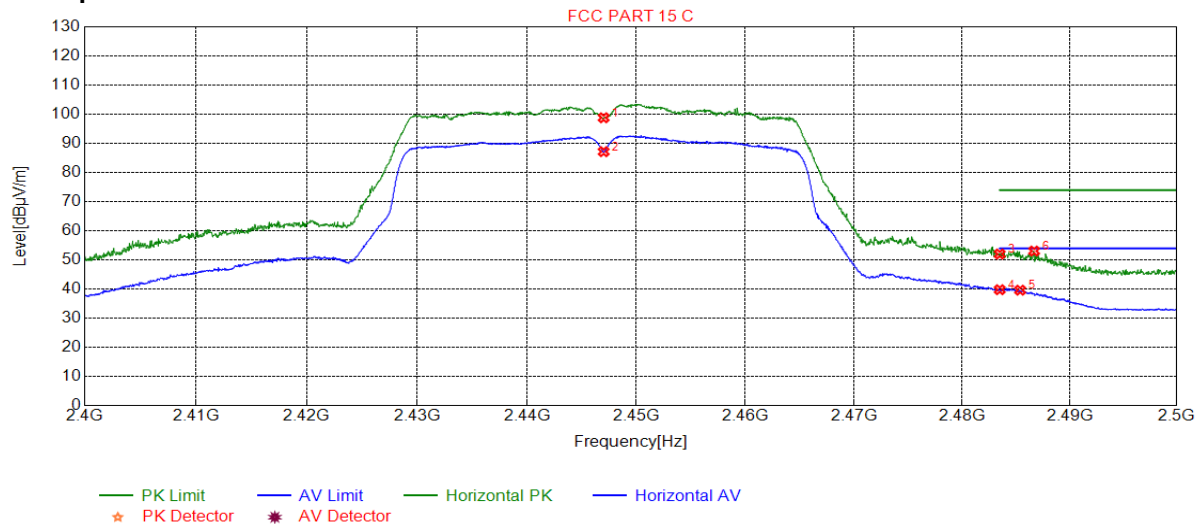


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4.10.1.39 802.11N40_Channel 8

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2447.00	98.79	8.59	0.00	-98.79	100	299	Horizontal
2	2447.00	87.16	8.59	0.00	-87.16	100	302	Horizontal
3	2483.50	52.06	8.50	74.00	21.94	100	306	Horizontal
4	2483.50	39.82	8.50	54.00	14.18	200	306	Horizontal
5	2485.39	39.66	8.50	54.00	14.34	300	306	Horizontal
6	2486.69	53.08	8.53	74.00	20.92	100	299	Horizontal

Final Data List



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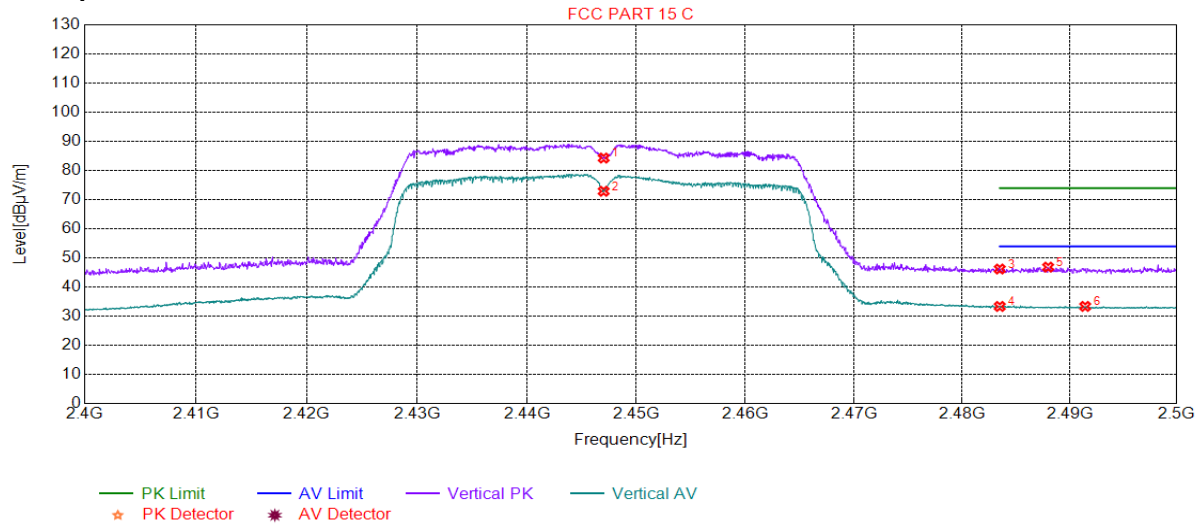
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4.10.1.40 802.11N40_Channel 8

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2447.00	84.29	8.59	0.00	-84.29	100	200	Vertical
2	2447.00	72.90	8.59	0.00	-72.90	200	204	Vertical
3	2483.50	46.23	8.50	74.00	27.77	300	113	Vertical
4	2483.50	33.40	8.50	54.00	20.60	100	80	Vertical
5	2487.99	46.88	8.57	74.00	27.12	300	2	Vertical
6	2491.44	33.41	8.61	54.00	20.59	100	144	Vertical

Final Data List



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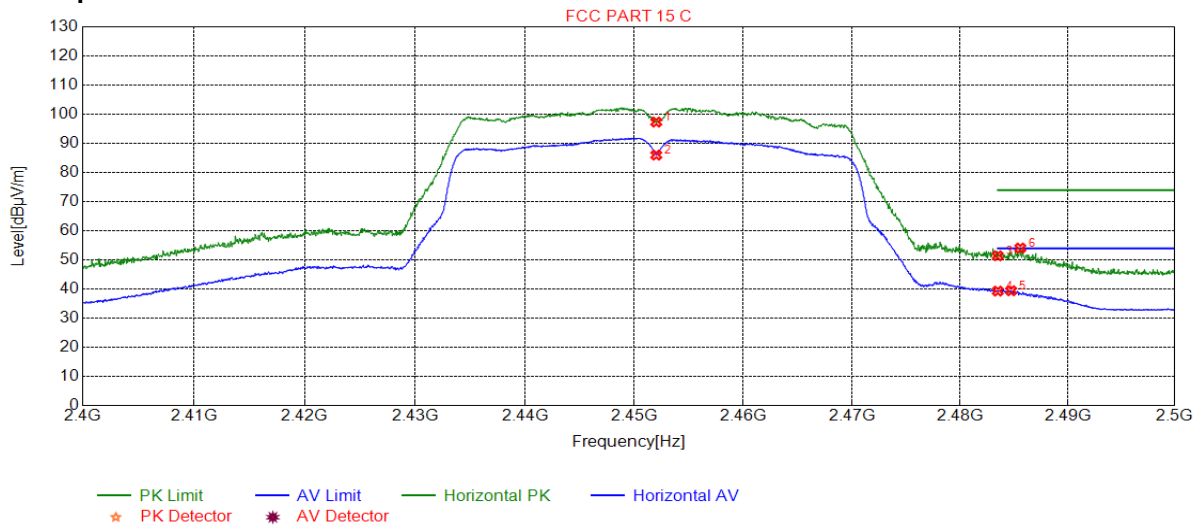
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4.10.1.41 802.11N40_Channel 9

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2452.00	97.32	8.65	0.00	-97.32	100	311	Horizontal
2	2452.00	86.00	8.65	0.00	-86.00	300	303	Horizontal
3	2483.50	51.44	8.50	74.00	22.56	100	307	Horizontal
4	2483.50	39.34	8.50	54.00	14.66	200	303	Horizontal
5	2484.74	39.45	8.49	54.00	14.55	100	307	Horizontal
6	2485.59	54.11	8.50	74.00	19.89	100	311	Horizontal

Final Data List



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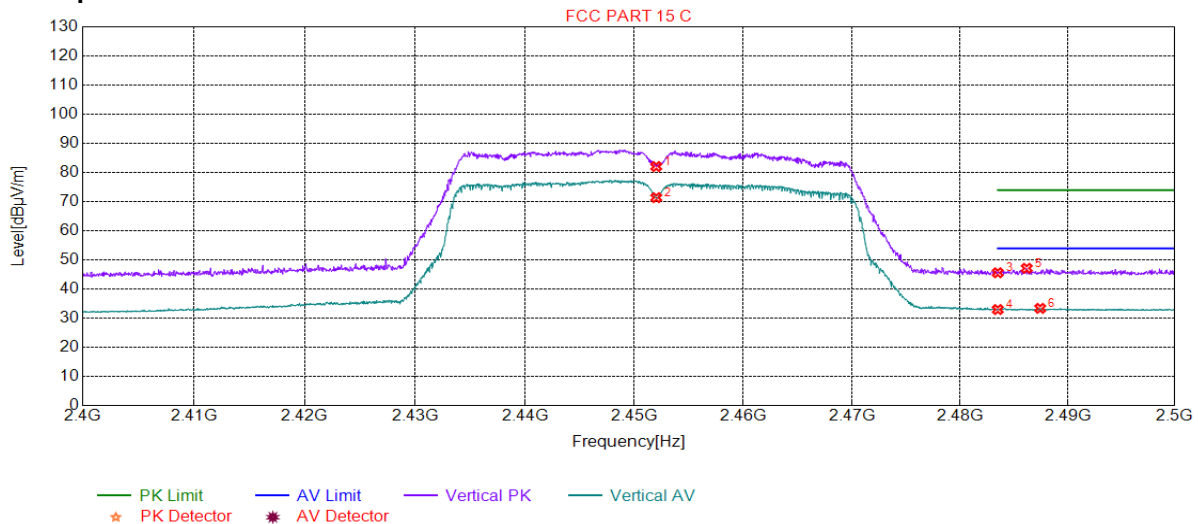
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4.10.1.42 802.11N40_Channel 9

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2452.00	82.06	8.65	0.00	-82.06	100	219	Vertical
2	2452.00	71.40	8.65	0.00	-71.40	300	204	Vertical
3	2483.50	45.64	8.50	74.00	28.36	100	77	Vertical
4	2483.50	33.01	8.50	54.00	20.99	400	80	Vertical
5	2486.19	47.16	8.52	74.00	26.84	300	193	Vertical
6	2487.44	33.42	8.55	54.00	20.58	100	80	Vertical

Final Data List

Remark:

The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Final Test Level = Receiver Reading + Antenna Factor + Cable Factor – Preamplifier Factor

All Modes have been tested, but only the worst case data displayed in this report.



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5 Measurement Uncertainty (95% confidence levels, k=2)

Lab A:

No.	Item	Measurement Uncertainty
1	Total RF power, conducted	±0.75dB
2	RF power density, conducted	±2.84dB
3	Spurious emissions, conducted	±0.75dB
4	Temperature test	±1°C
5	Humidity test	±3%
6	DC and low frequency voltages	±0.5%

Lab B:

No.	Item	Measurement Uncertainty
1	Radiated Spurious emission test	±4.8dB (30MHz-1GHz)
		±5.2dB (1GHz-6GHz)
		±5.5dB (6GHz-18GHz)
		±5.02dB (18GHz-40GHz)
2	Conduct emission test	±3.4 dB (9KHz- 30MHz)



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6 Equipment List

RF conducted test					
Test Equipment	Manufacturer	Model No.	Inventory No	Cal. date	Cal.Duedate
				(yyyy-mm-dd)	(yyyy-mm-dd)
DC Power Supply	Agilent Technologie Inc	66311B	W009-09	2020/7/15	2021/7/15
Signal Analyzer	Rohde & Schwarz	FSV	W025-05	2021/1/3	2022/1/2
				2020/1/4	2021/1/3
Coaxial Cable	SGS	N/A	SEM031-01	2020/6/12	2021/6/11
Attenuator	Weinschel Associates	WA41	SEM021-09	N/A	N/A
Signal Generator	KEYSIGHT	N5173B	SEM006-05	2020/7/14	2021/7/14
Temperature Chamber	GIANT FORCE	ICT-150-40-CP AR	W027-03	2020/10/27	2021/10/27
Power Meter	Rohde & Schwarz	NRVS	SEM014-02	2020/7/14	2021/7/14



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RSE&RE&CE Test System					
Equipment	Manufacturer	Model No.	Cal Date	Cal Due Date	Inventory No.
Semi-Anechoic Chamber	Brilliant-emc	966	NCR	NCR	XAW03-35-01
MXA signal analyzer	Keysight	N9020A	2020-04-02	2021-04-02	XAW01-06-01
Radio communication analyzer	ROHDE&SCHWARZ	CMW 500	2020-04-02	2021-04-02	XAW01-03-02
Test receiver	ROHDE&SCHWARZ	ESR	2020-09-11	2021-09-10	XAW01-08-01
Receiving antenna	Rosenberger	VULB 9163	2019-10-13	2021-10-12	XAW01-09-01
Receiving antenna	Rosenberger	BBHA 9120D	2019-10-13	2021-10-12	XAW01-09-02
Receiving antenna	Rosenberger	BBHA 9170	2019-10-13	2021-10-12	XAW01-09-03
Directional antenna rack controller	Max-Full	MF-7802BS	NCR	NCR	XAW03-03-01
High-speed antenna rack controller	Max-Full	MF-7802	NCR	NCR	XAW03-04-01
Filter bank	Tonscend	JS0806-F	NCR	NCR	XAW03-05-01
Filter bank	Tonscend	JS0806s	NCR	NCR	XAW03-05-02
Amplifier	Tonscend	TAP00903040	2020-10-26	2021-10-25	XAW01-41-01
Amplifier	Tonscend	TAP01018048	2020-10-26	2021-10-25	XAW01-41-02
Amplifier	Tonscend	TAP18040048	2020-10-26	2021-10-25	XAW01-41-03
Amplifier	Shanghai Steed	YX28980930	2020-10-26	2021-10-25	XAW01-41-06
Artificial network	ROHDE&SCHWARZ	ENV216	2020-08-04	2021-08-03	XAW01-19-02
Temperature and humidity meter	MingGao	TH101B	2020-06-11	2021-05-11	XAW01-01-01
Measurement Software	Tonscend	TS+ RSE&RE	NCR	NCR	XAW02-05-01
Measurement Software	Tonscend	TS+ CE	NCR	NCR	XAW02-05-02



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7 Photographs - EUT Constructional Details

Refer to Appendix A PCE Setup Photos.



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DTS Bandwidth Test Result

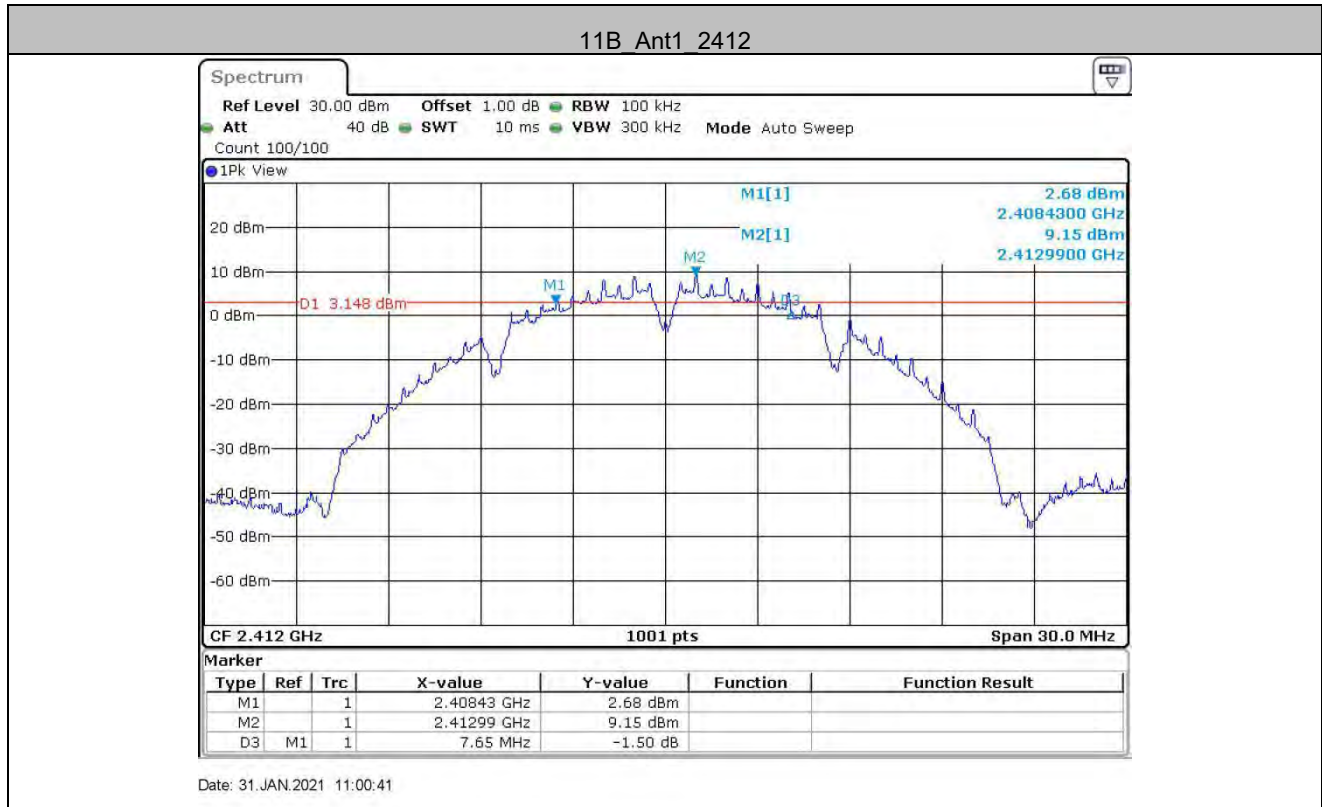
TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	7.650	2408.430	2416.080	0.5	PASS
		2437	8.160	2432.920	2441.080	0.5	PASS
		2462	8.130	2457.920	2466.050	0.5	PASS
11G	Ant1	2412	15.390	2404.410	2419.800	0.5	PASS
		2437	15.360	2429.230	2444.590	0.5	PASS
		2462	15.390	2454.200	2469.590	0.5	PASS
11N20SISO	Ant1	2412	15.360	2404.410	2419.770	0.5	PASS
		2437	15.510	2429.080	2444.590	0.5	PASS
		2462	16.020	2453.570	2469.590	0.5	PASS
11N40SISO	Ant1	2422	35.160	2404.420	2439.580	0.5	PASS
		2437	35.280	2419.360	2454.640	0.5	PASS
		2452	35.280	2434.360	2469.640	0.5	PASS



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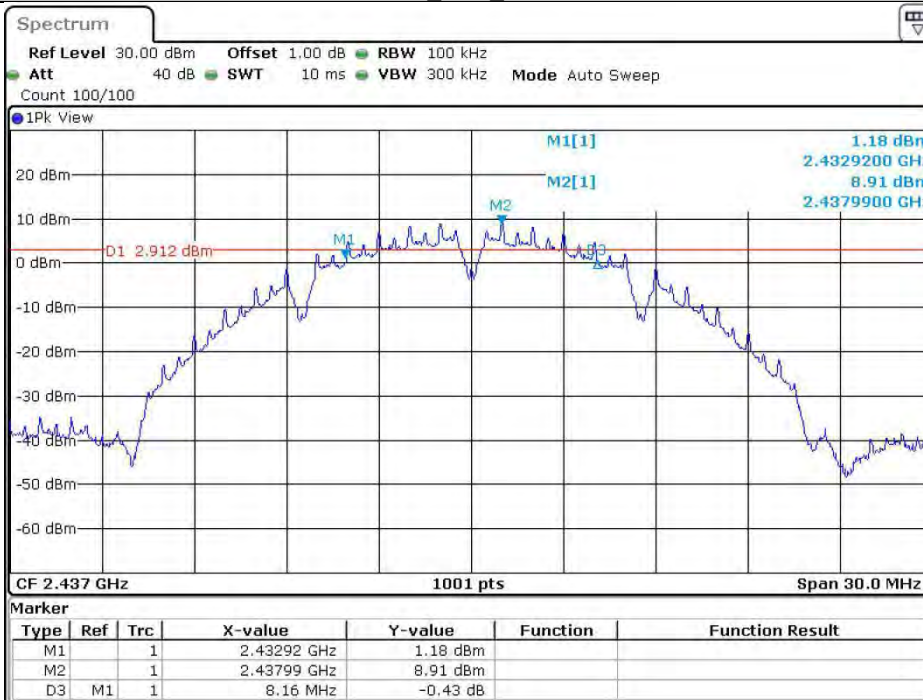
Test Graphs



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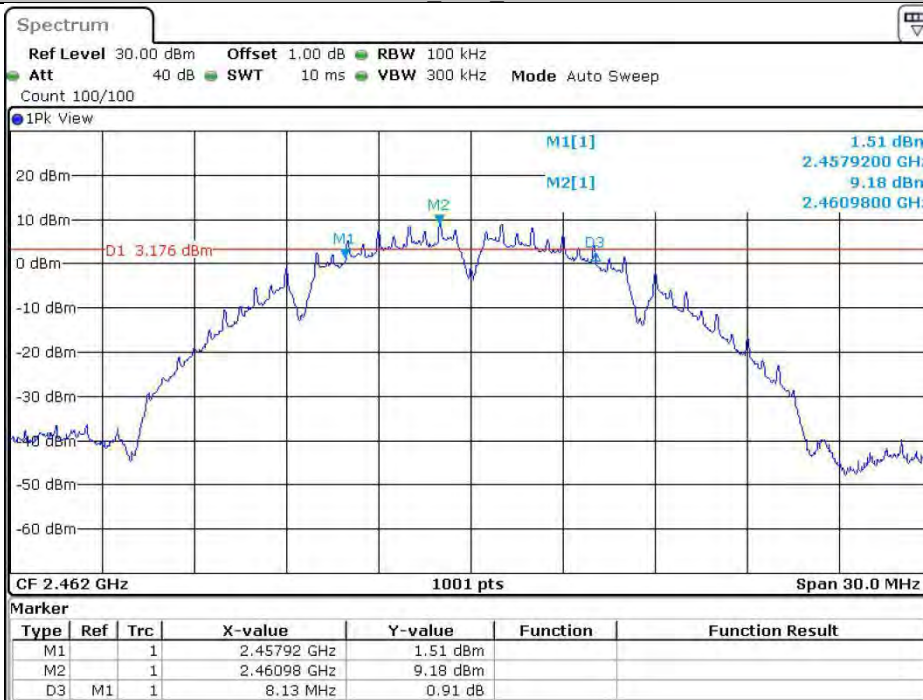
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11B Ant1 2437



Date: 31.JAN.2021 11:02:43

11B Ant1 2462



Date: 31.JAN.2021 11:04:38



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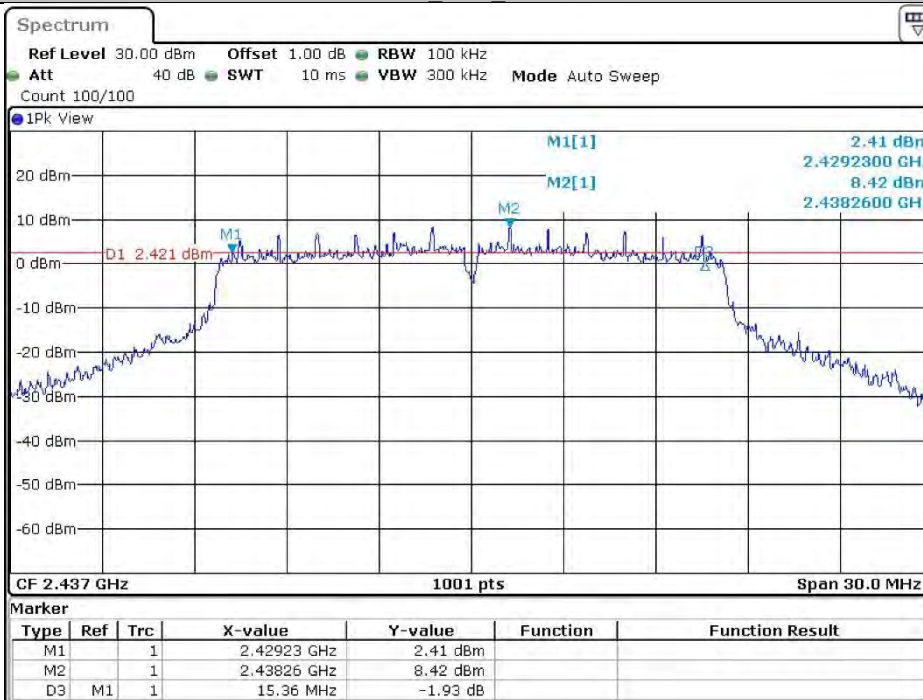
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11G Ant1 2412



Date: 31 JAN.2021 11:08:08

11G Ant1 2437



Date: 31 JAN.2021 11:09:58



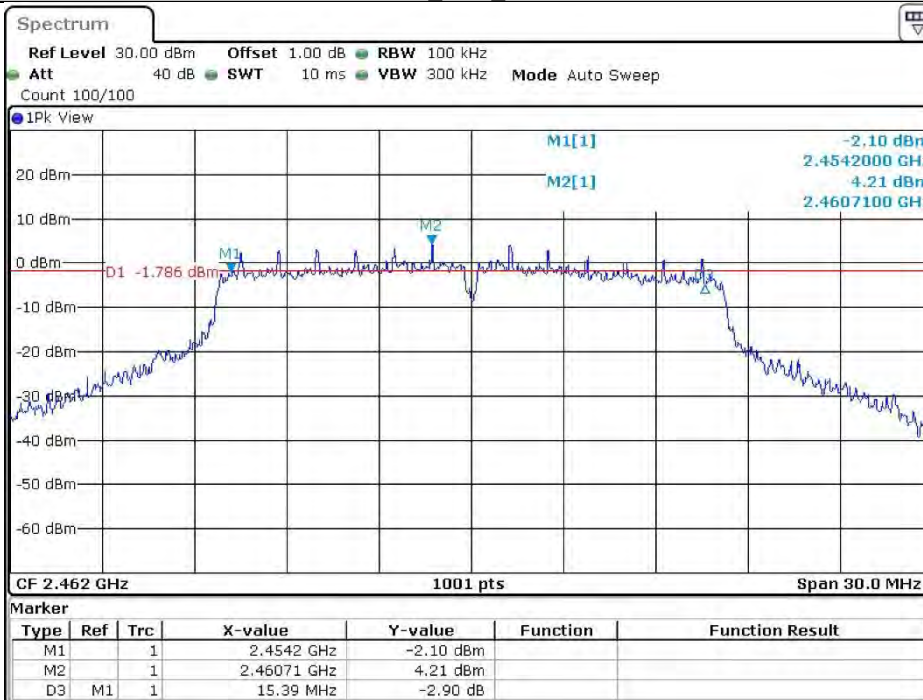
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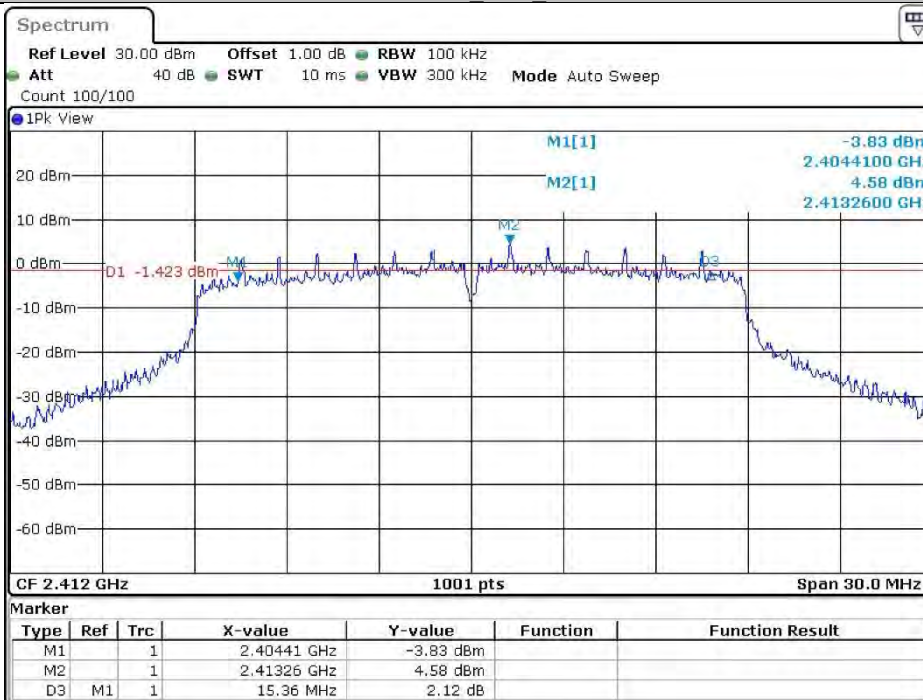
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11G Ant1 2462



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11N20SISO Ant1 2412



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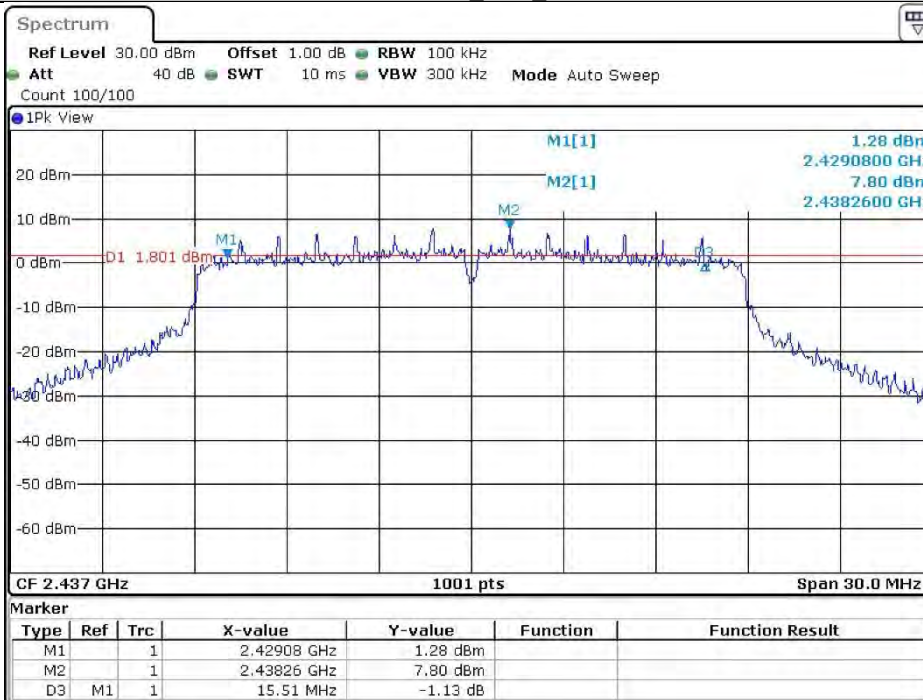
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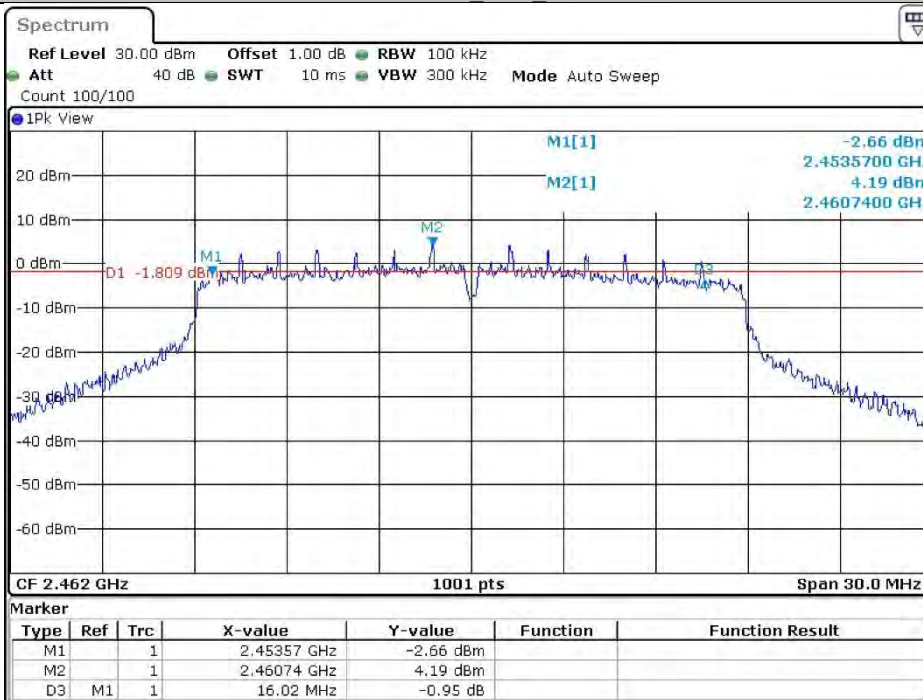
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11N20SISO Ant1 2437



Date: 31.JAN.2021 11:15:05

11N20SISO Ant1 2462



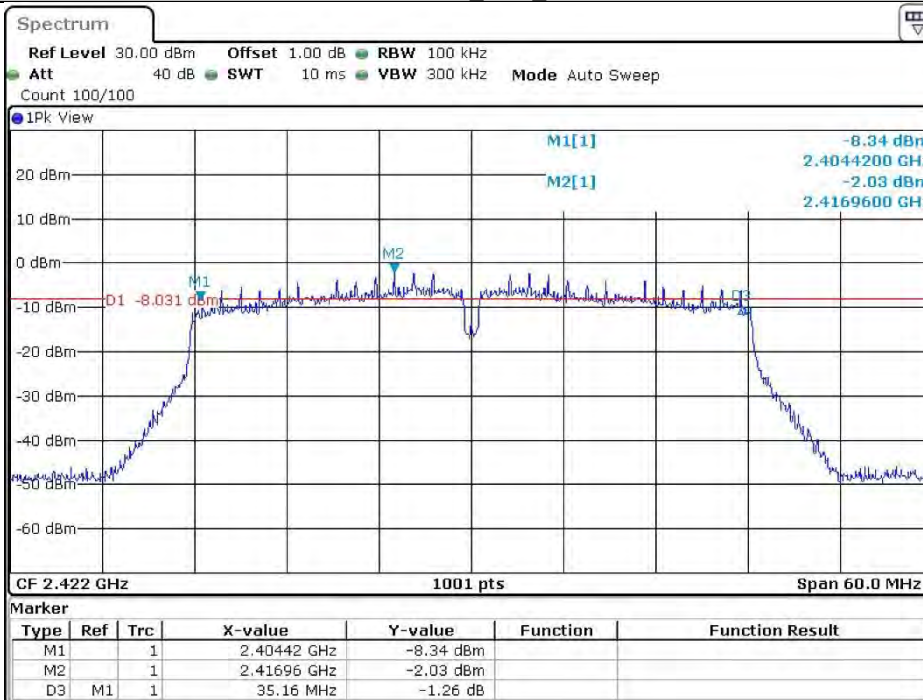
Date: 31.JAN.2021 11:16:42



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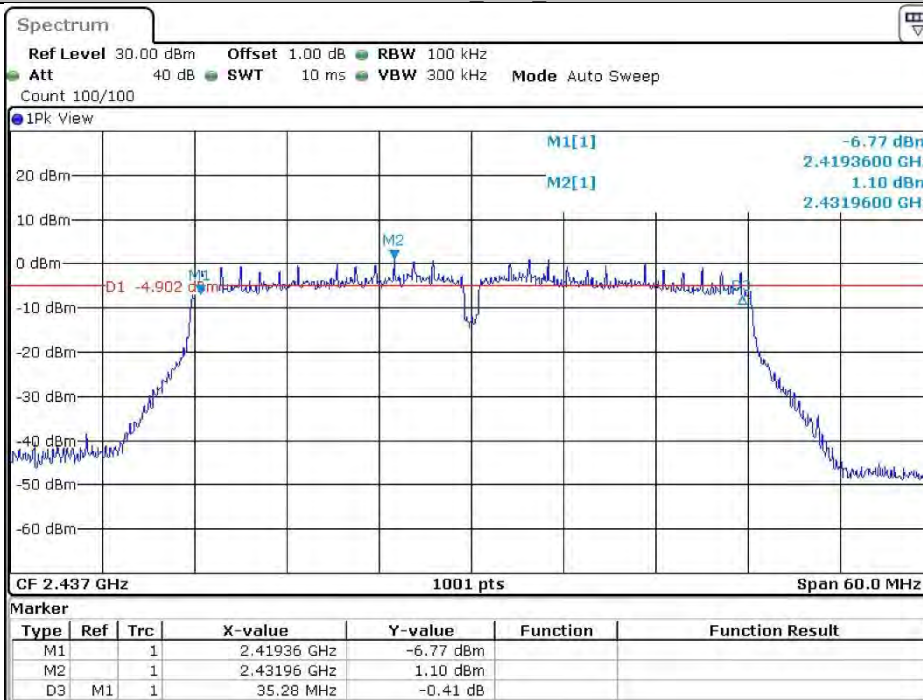
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11N40SISO Ant1 2422



Date: 31 JAN 2021 11:19:26

11N40SISO Ant1 2437



Date: 31 JAN 2021 11:23:00

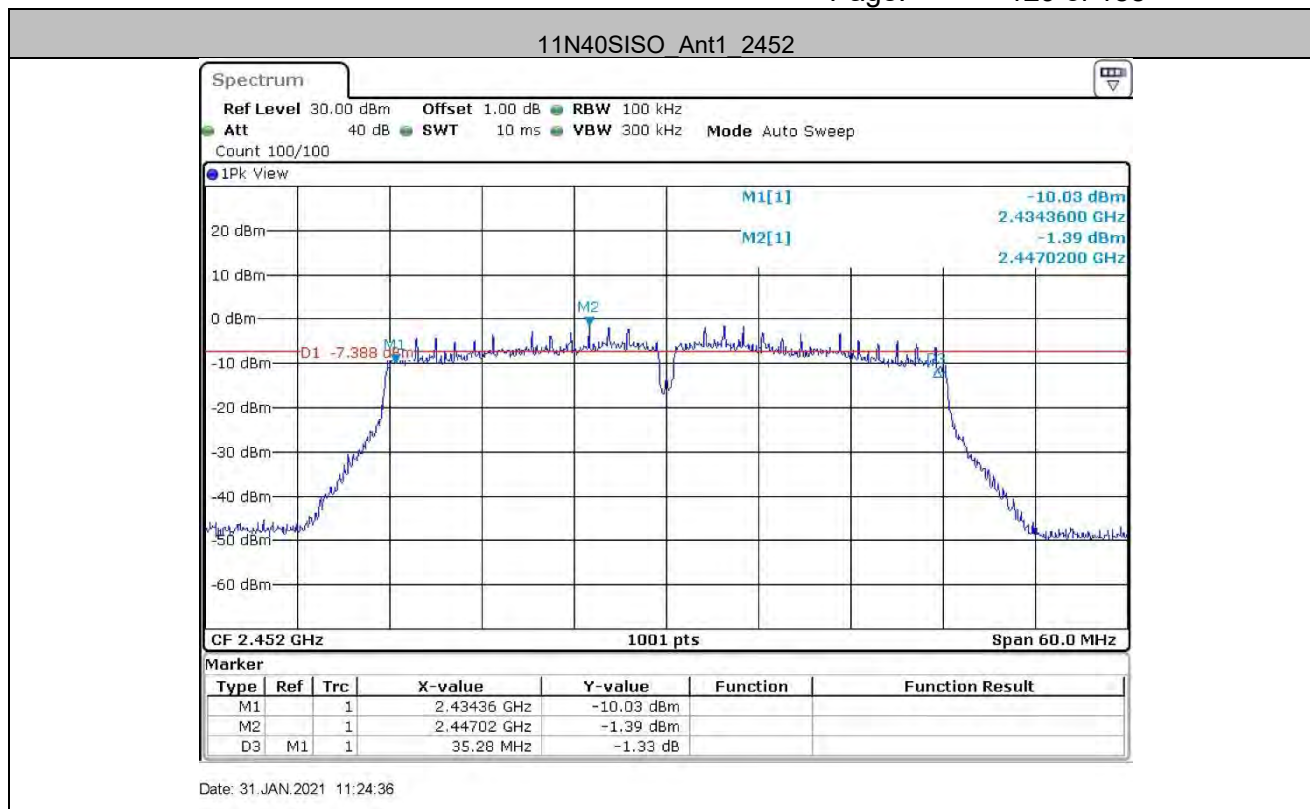


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Occupied Channel Bandwidth Test Result

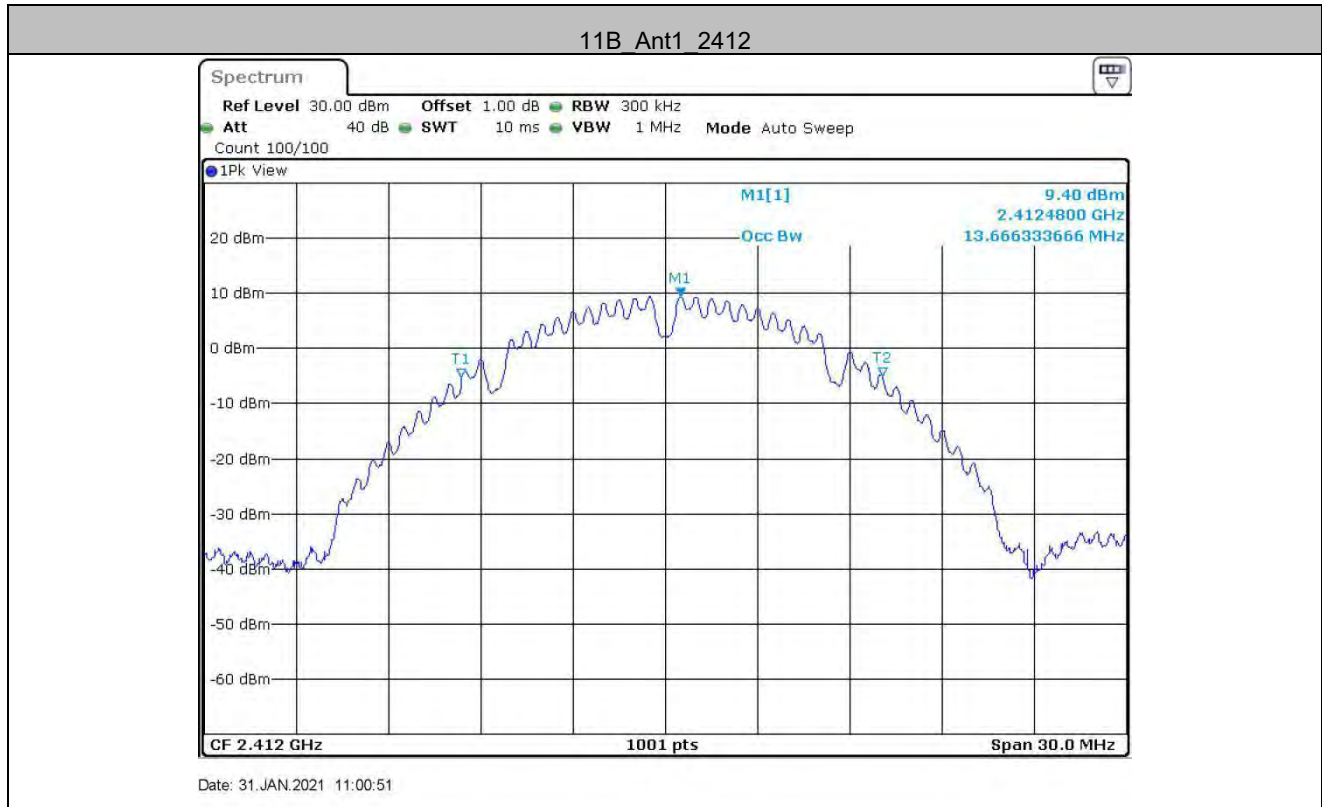
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.666	2405.377	2419.043	---	PASS
		2437	13.876	2430.077	2443.953	---	PASS
		2462	13.606	2455.047	2468.653	---	PASS
11G	Ant1	2412	16.603	2403.788	2420.392	---	PASS
		2437	16.753	2428.608	2445.362	---	PASS
		2462	16.663	2453.578	2470.242	---	PASS
11N20SISO	Ant1	2412	17.802	2403.189	2420.991	---	PASS
		2437	17.862	2428.069	2445.931	---	PASS
		2462	17.802	2453.039	2470.841	---	PASS
11N40SISO	Ant1	2422	36.204	2404.018	2440.222	---	PASS
		2437	36.444	2418.778	2455.222	---	PASS
		2452	36.204	2433.838	2470.042	---	PASS



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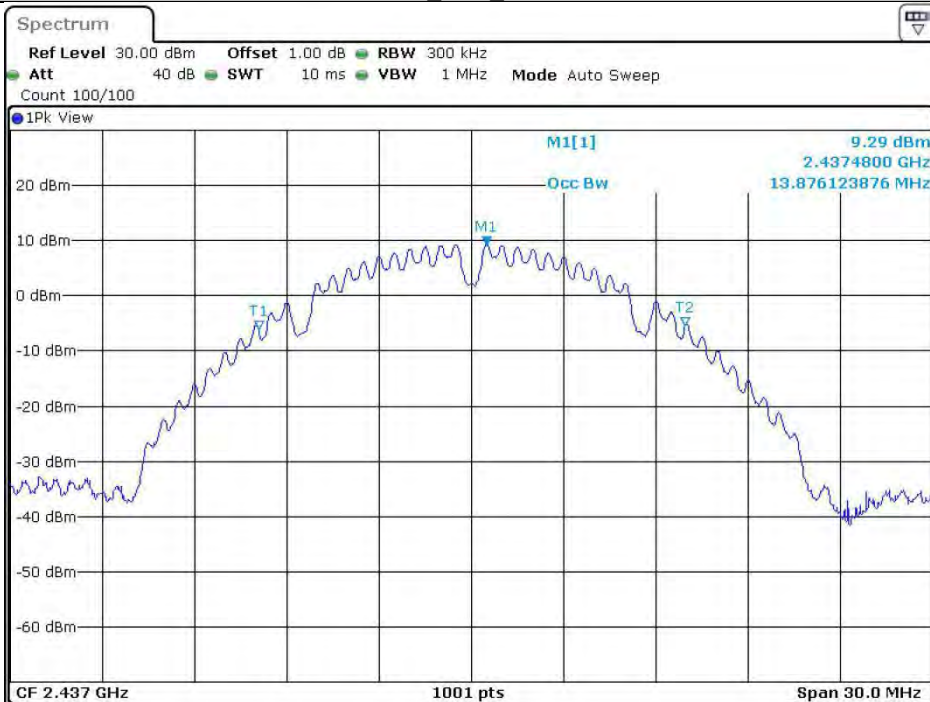
Test Graphs



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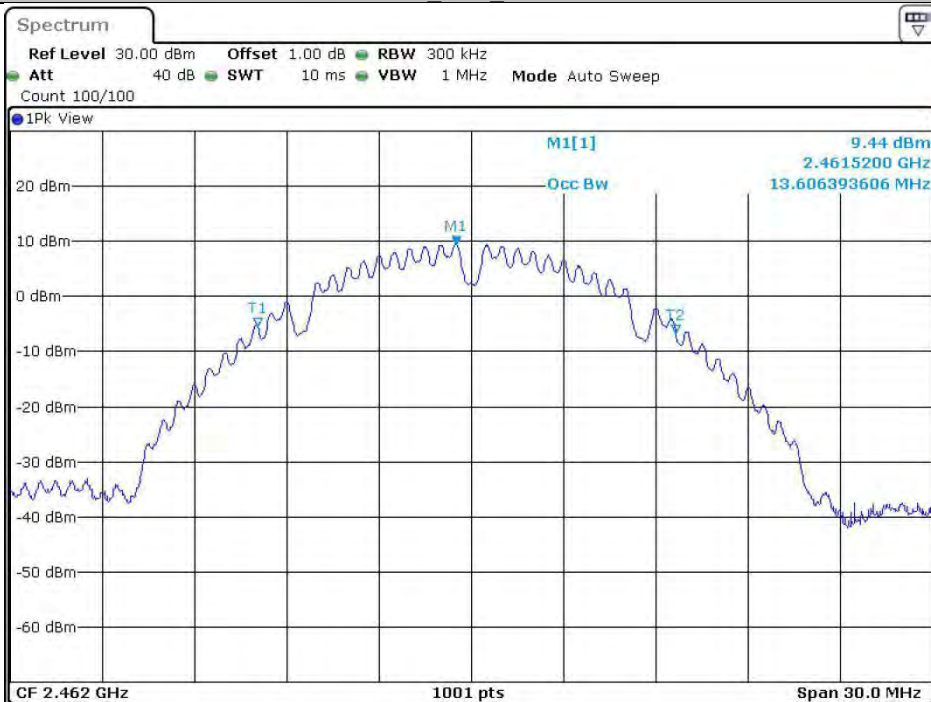
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11B Ant1 2437



Date: 31.JAN.2021 11:02:53

11B Ant1 2462



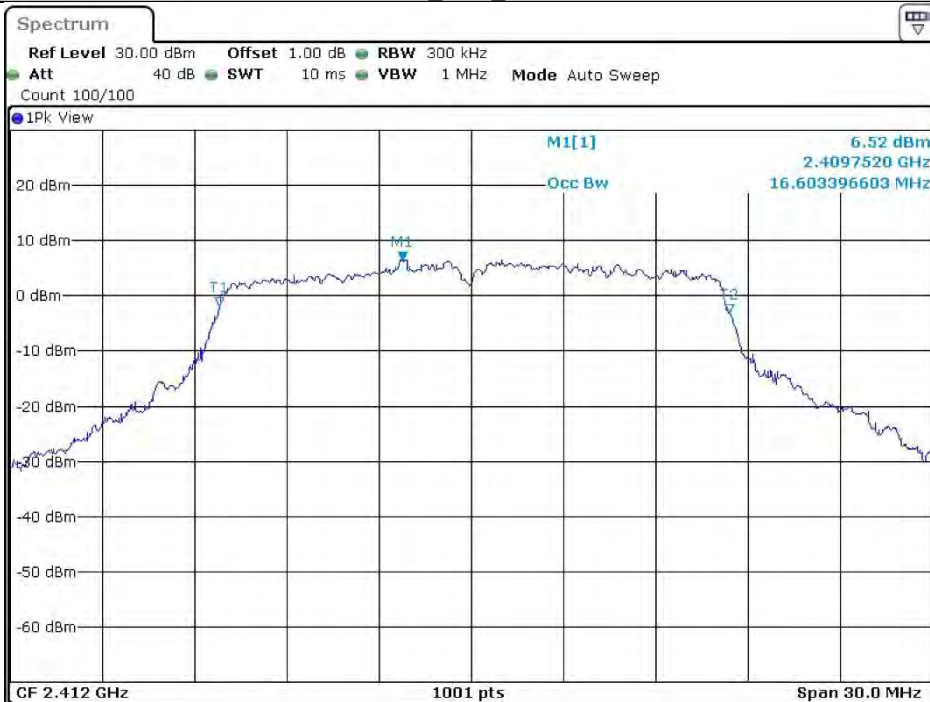
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11G Ant1 2412



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11G Ant1 2437



Date: 31 JAN.2021 11:10:08



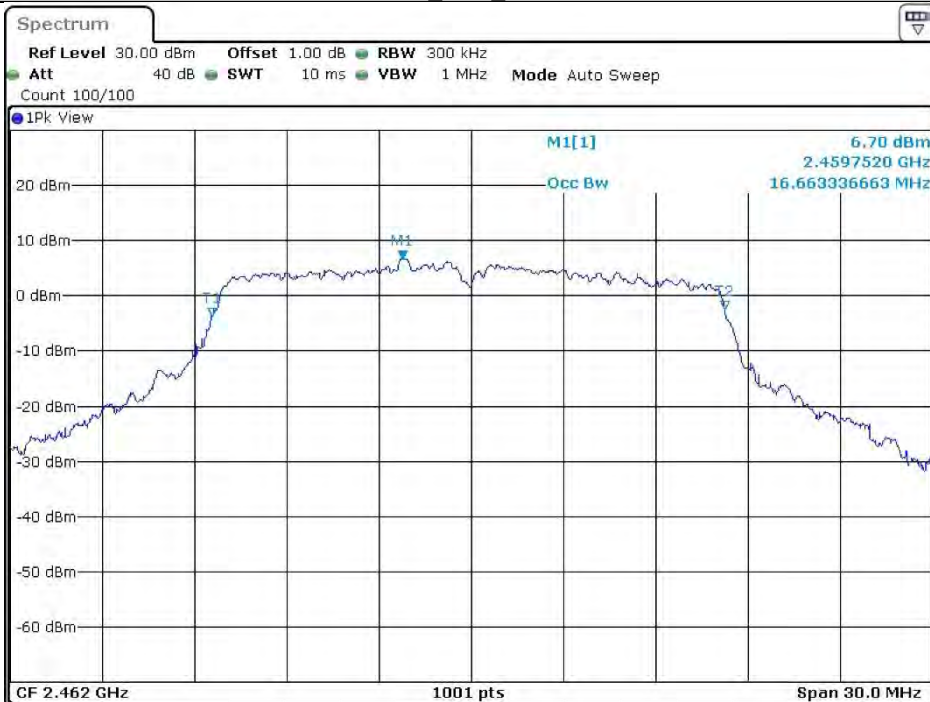
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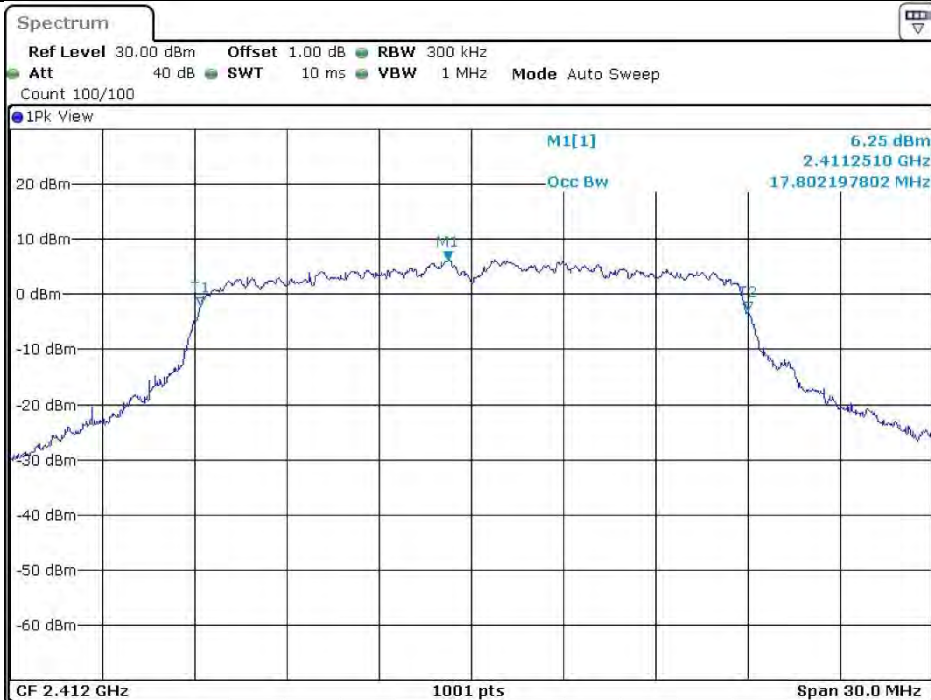
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11G Ant1 2462



Date: 31 JAN 2021 11:11:42

11N20SISO Ant1 2412



Date: 31 JAN 2021 11:13:28



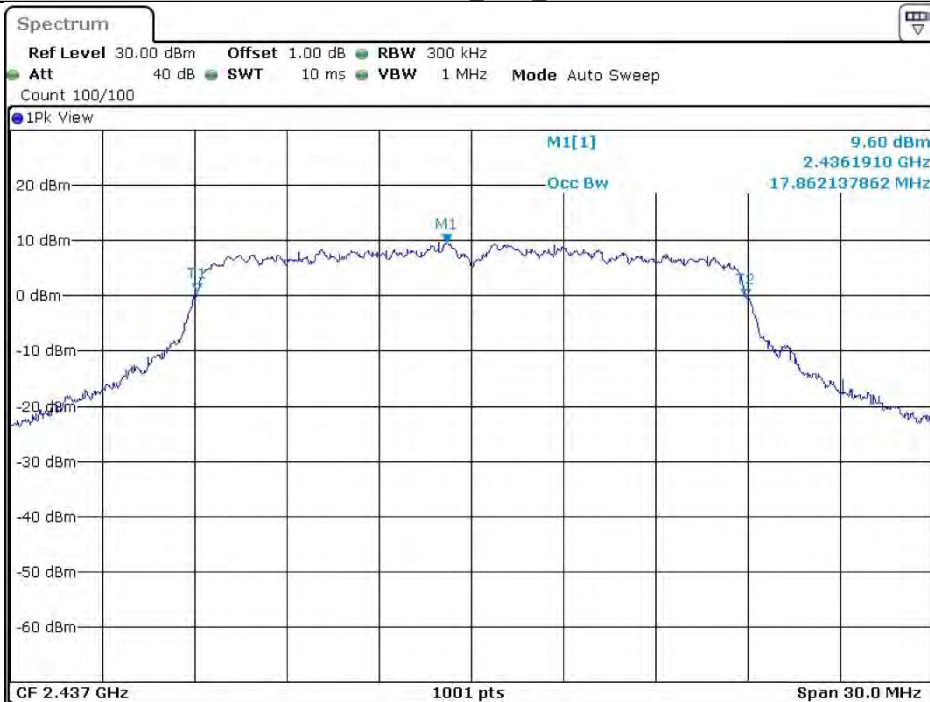
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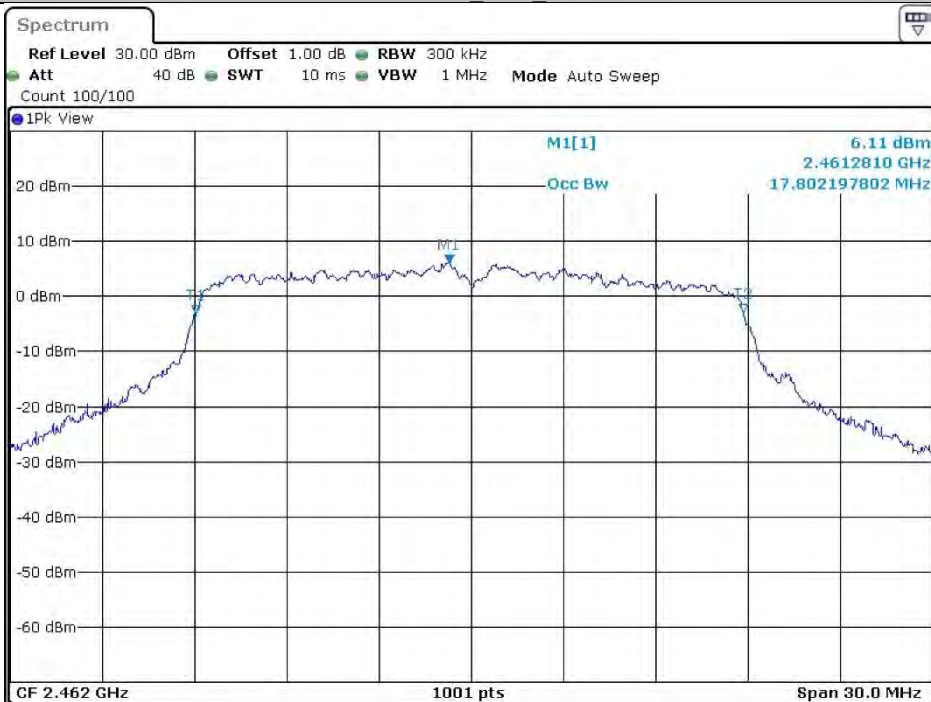
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11N40SISO Ant1 2422



Date: 31 JAN 2021 11:19:36

11N40SISO Ant1 2437

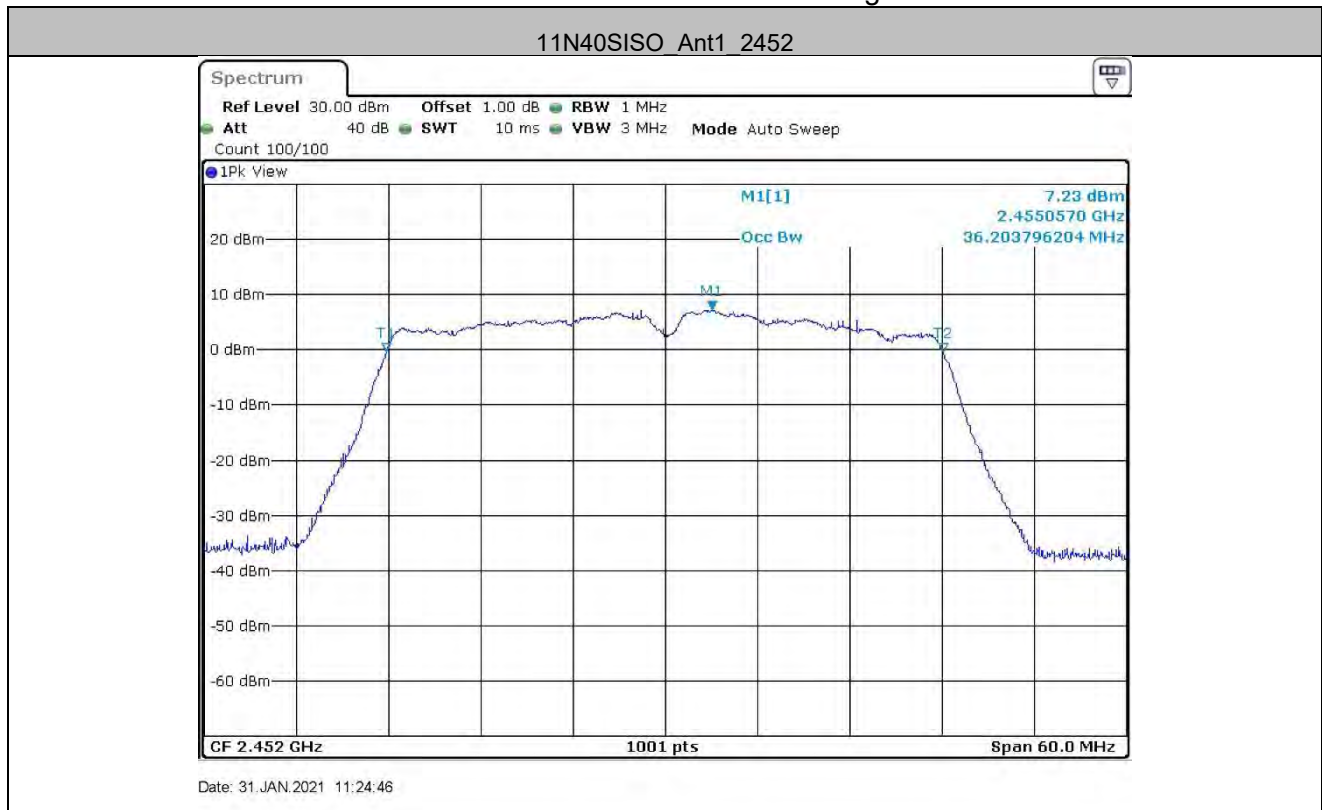


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Maximum conducted output power Test Result

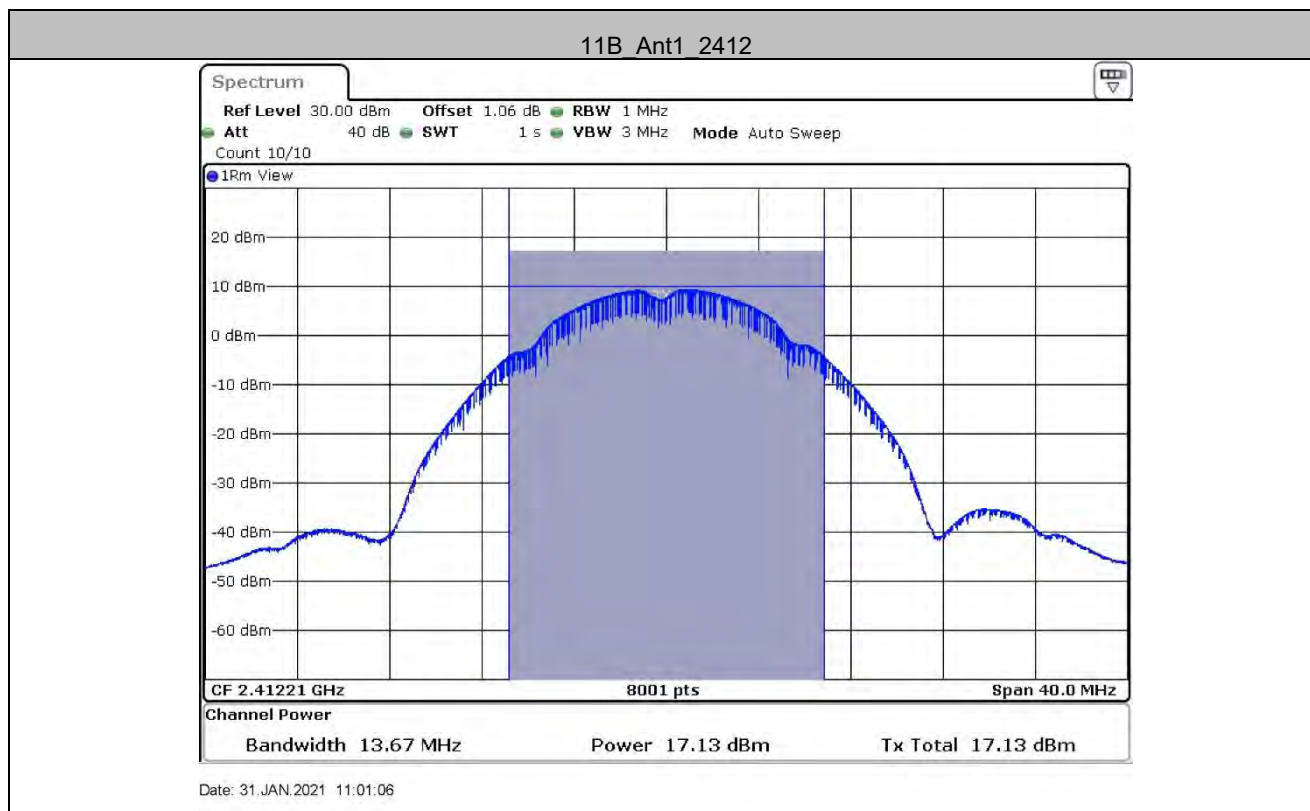
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	17.13	<=30	PASS
		2437	17.15	<=30	PASS
		2462	17.17	<=30	PASS
11G	Ant1	2412	14.06	<=30	PASS
		2437	18.11	<=30	PASS
		2462	13.76	<=30	PASS
11N20SISO	Ant1	2412	13.88	<=30	PASS
		2437	17.31	<=30	PASS
		2462	13.57	<=30	PASS
11N40SISO	Ant1	2422	10.70	<=30	PASS
		2437	14.31	<=30	PASS
		2452	11.40	<=30	PASS



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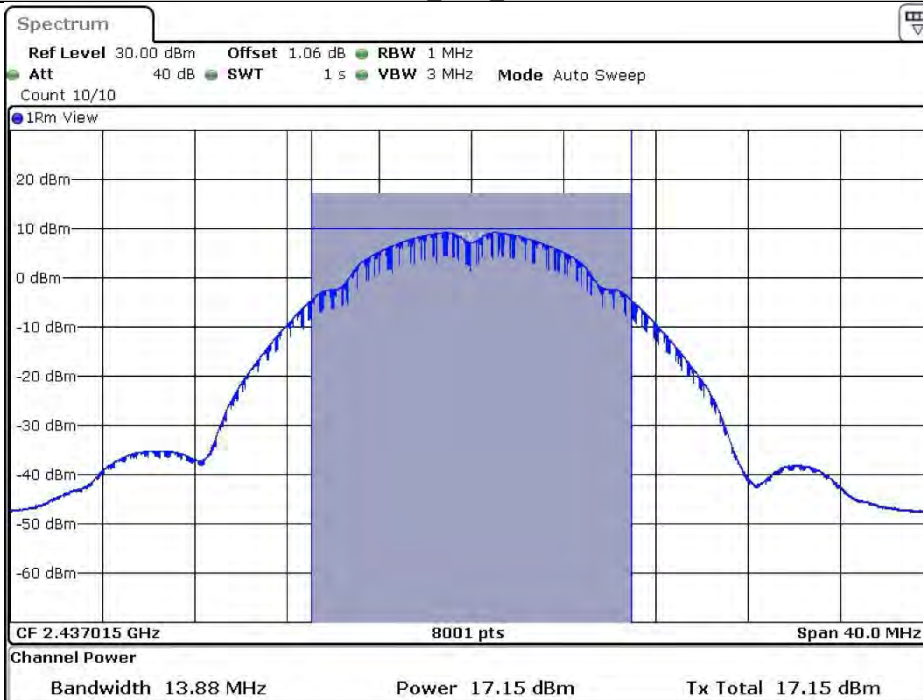
Test Graphs



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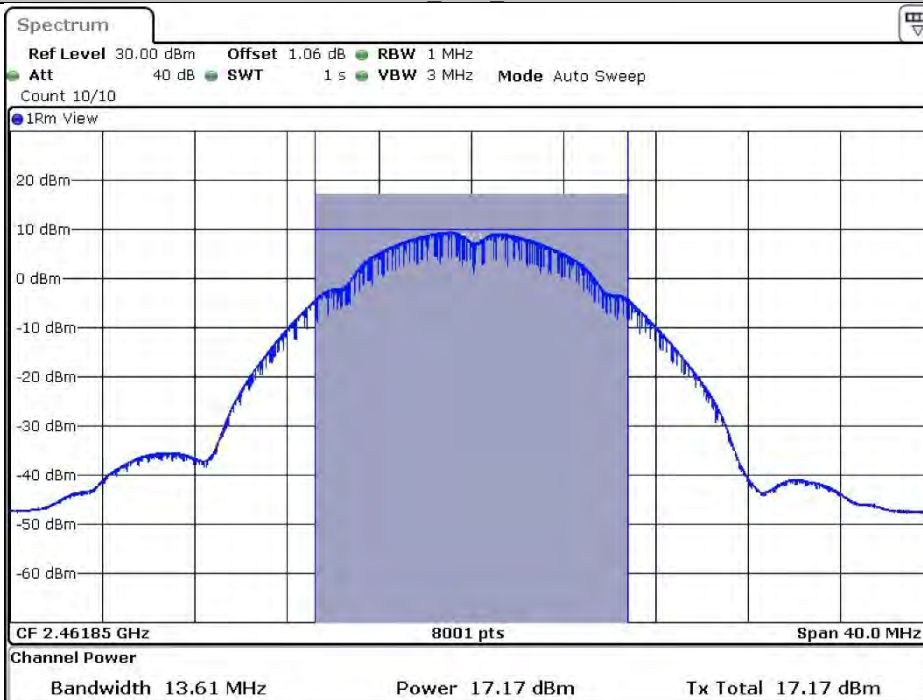
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11B Ant1 2437



Date: 31 JAN 2021 11:03:07

11B Ant1 2462



Date: 31 JAN 2021 11:05:03



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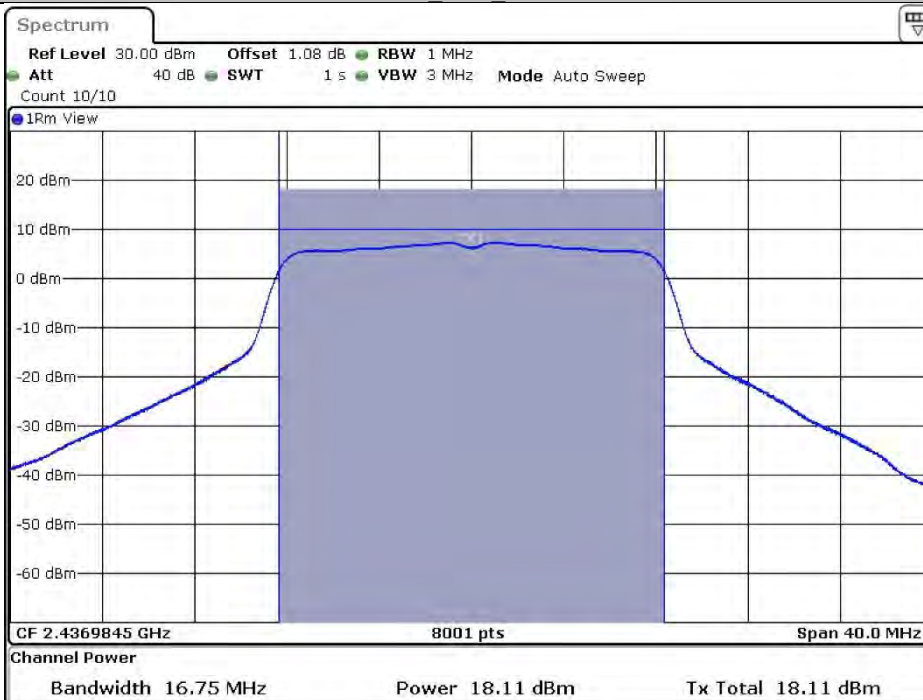
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11G Ant1 2412



Date: 31 JAN 2021 11:08:32

11G Ant1 2437



Date: 31 JAN 2021 11:10:23



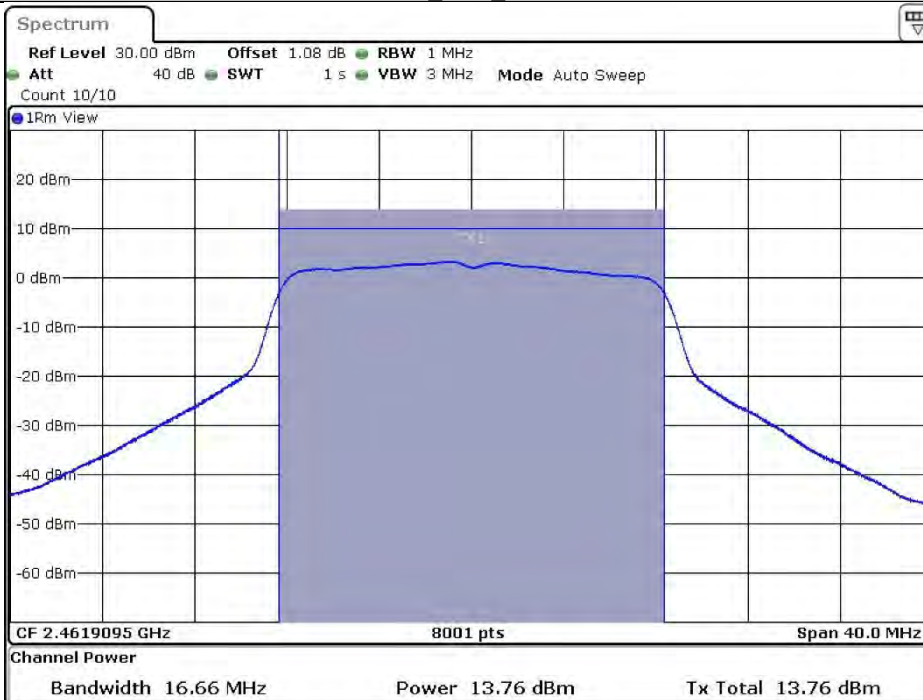
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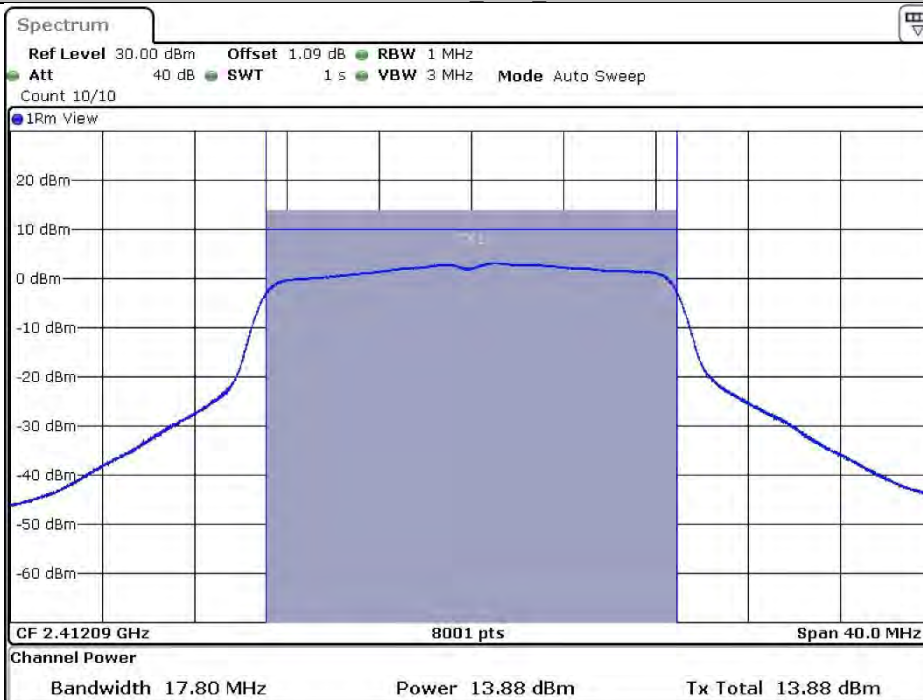
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11G Ant1 2462



Date: 31 JAN 2021 11:11:57

11N20SISO Ant1 2412



Date: 31 JAN 2021 11:13:42



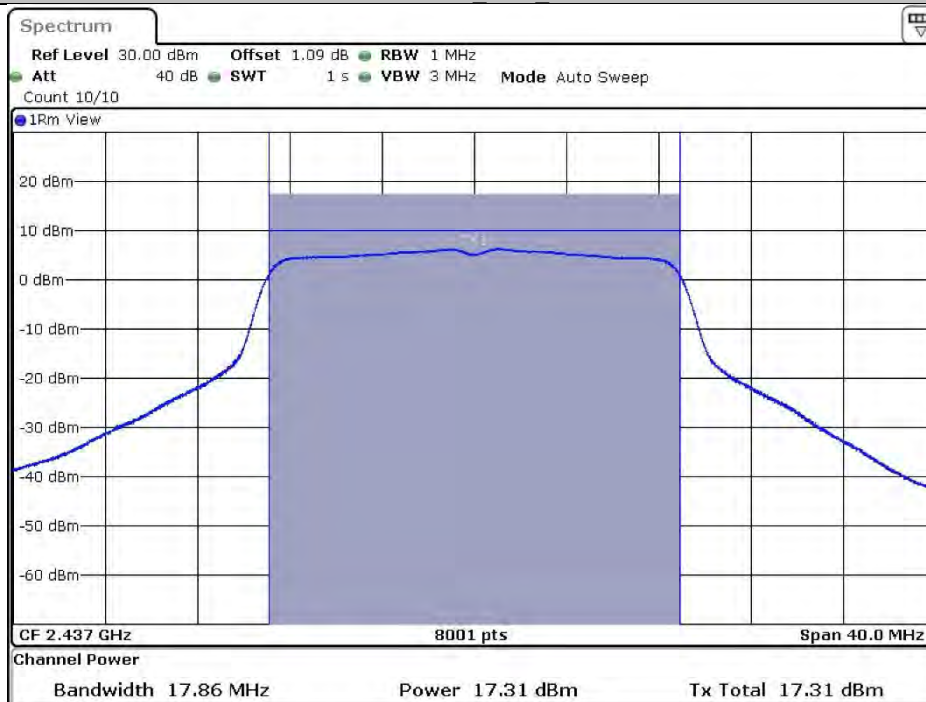
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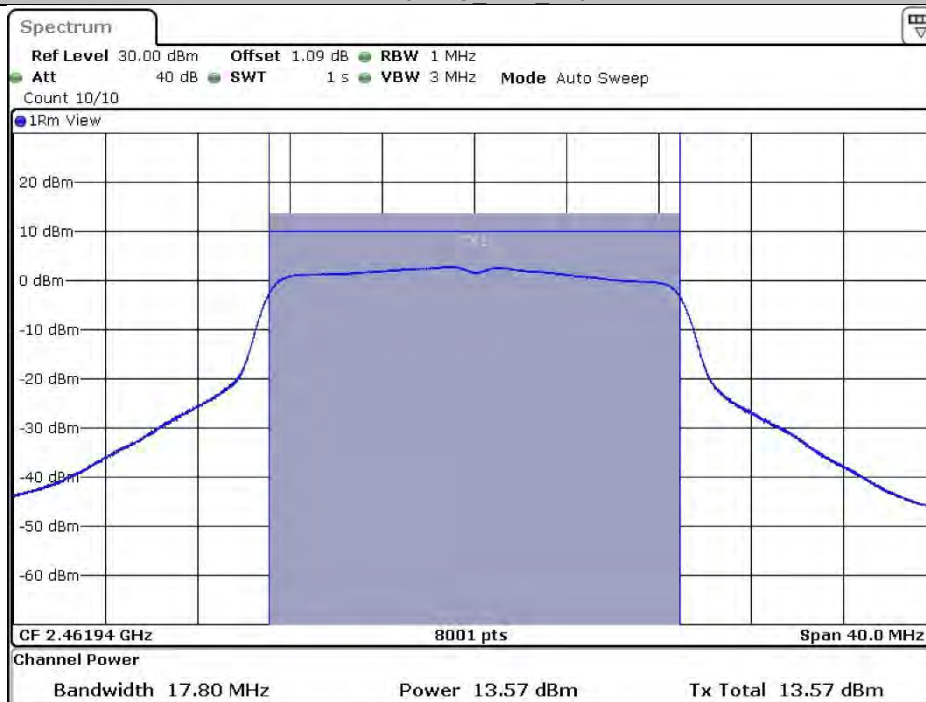
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11N20SISO Ant1 2437



Date: 31 JAN 2021 11:15:30

11N20SISO Ant1 2462



Date: 31 JAN 2021 11:17:06



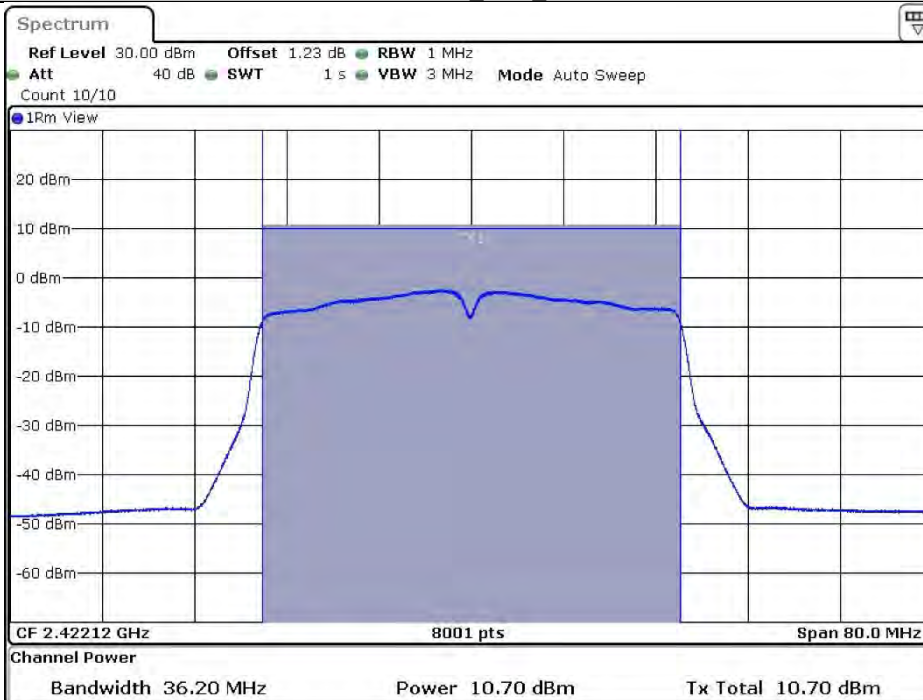
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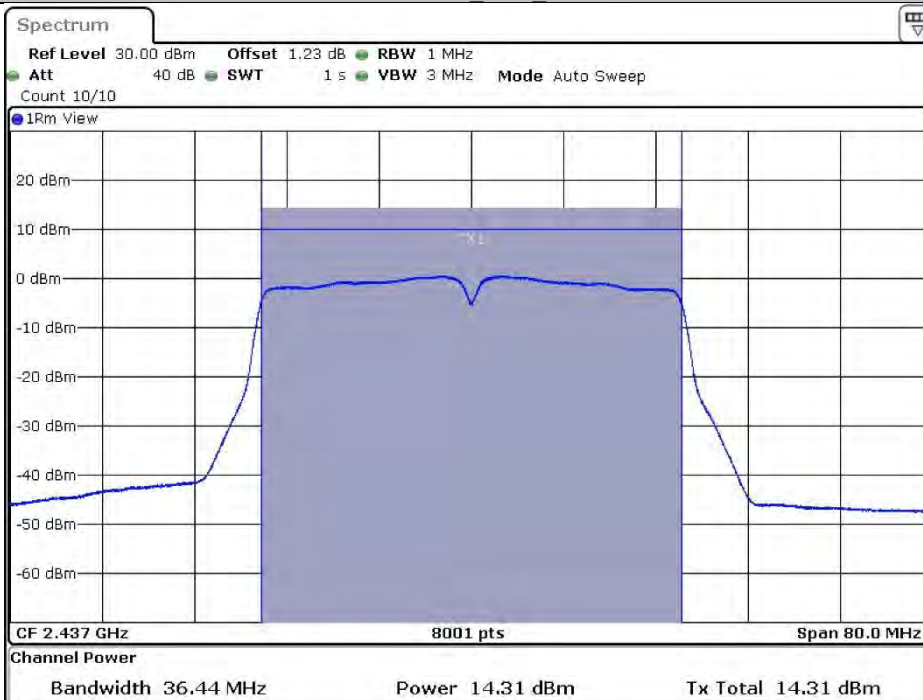
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11N40SISO Ant1 2422



Date: 31 JAN 2021 11:19:51

11N40SISO Ant1 2437



Date: 31 JAN 2021 11:23:24

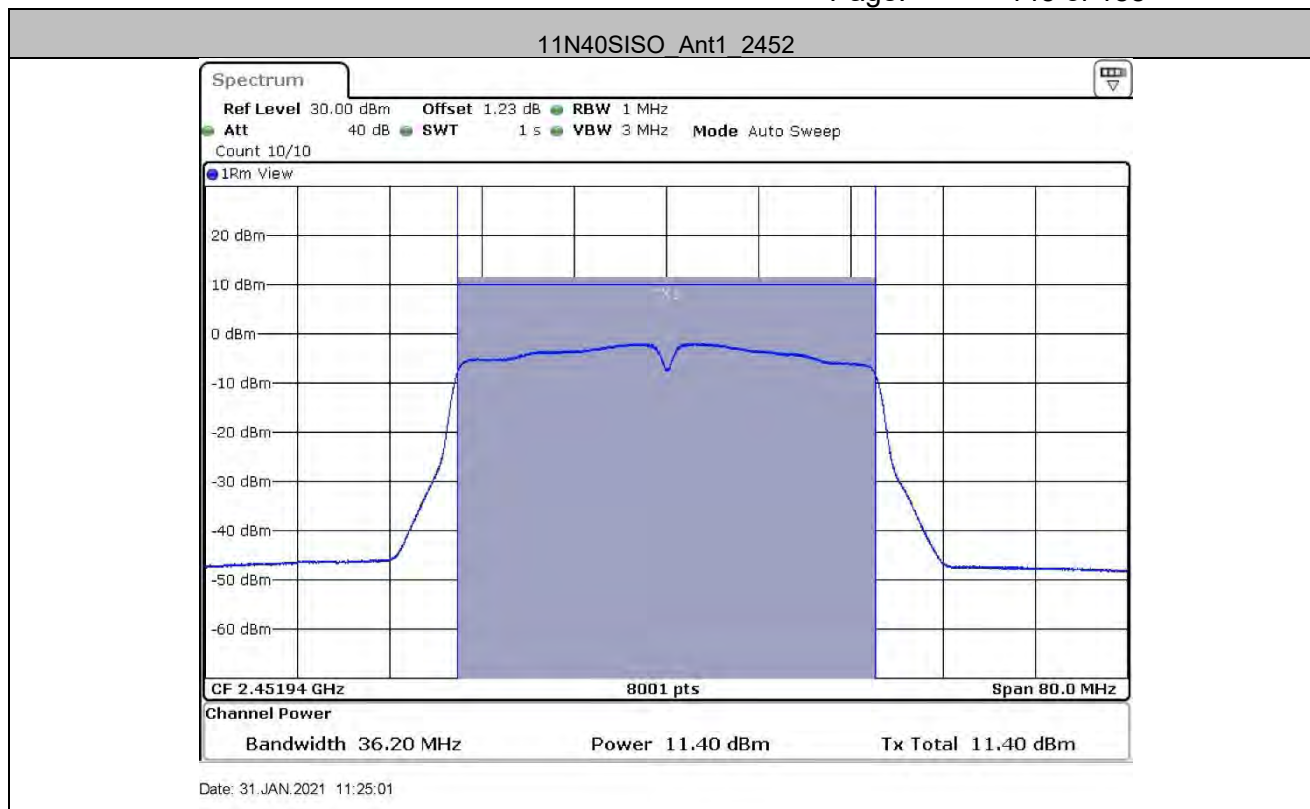


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Maximum power spectral density

Test Result

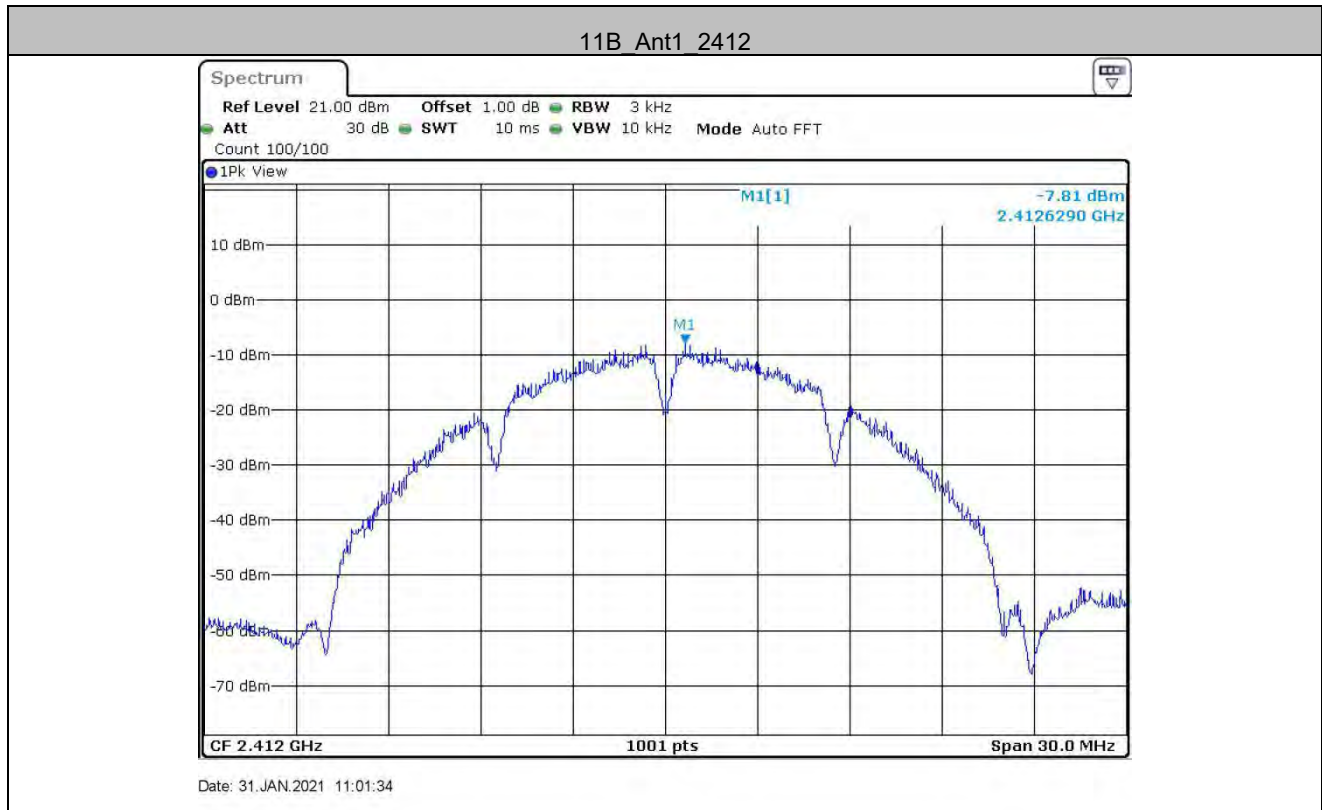
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		2437	-7.95	<=8	PASS
		2462	-7.55	<=8	PASS
11G	Ant1	2412	-10.56	<=8	PASS
		2437	-6.12	<=8	PASS
		2462	-11.72	<=8	PASS
11N20SISO	Ant1	2412	-11.14	<=8	PASS
		2437	-8.24	<=8	PASS
		2462	-11.59	<=8	PASS
11N40SISO	Ant1	2422	-16.27	<=8	PASS
		2437	-13.11	<=8	PASS
		2452	-16.32	<=8	PASS



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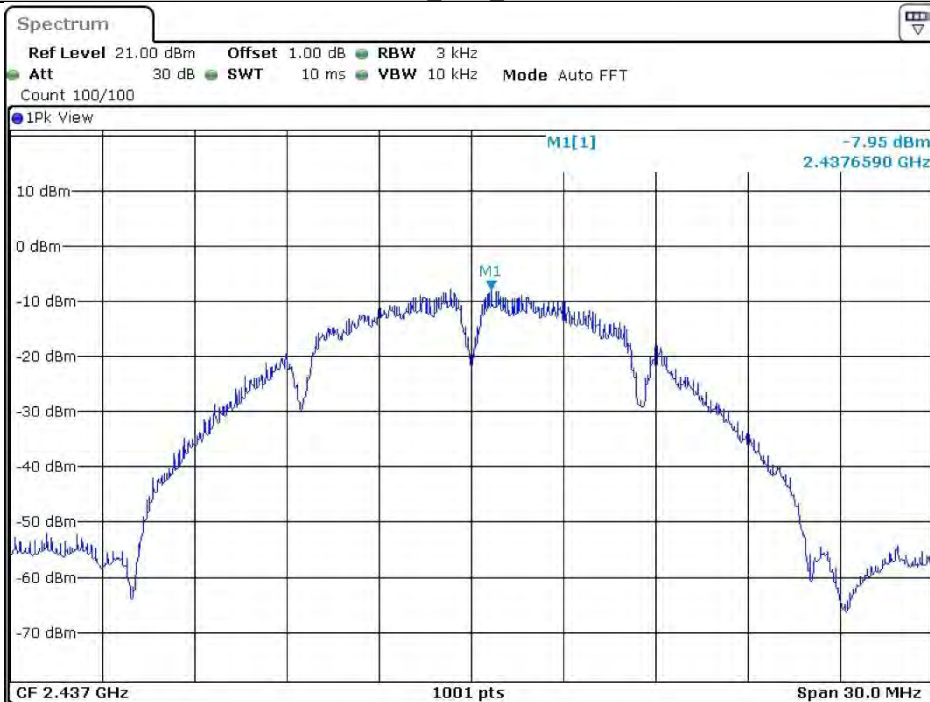
Test Graphs



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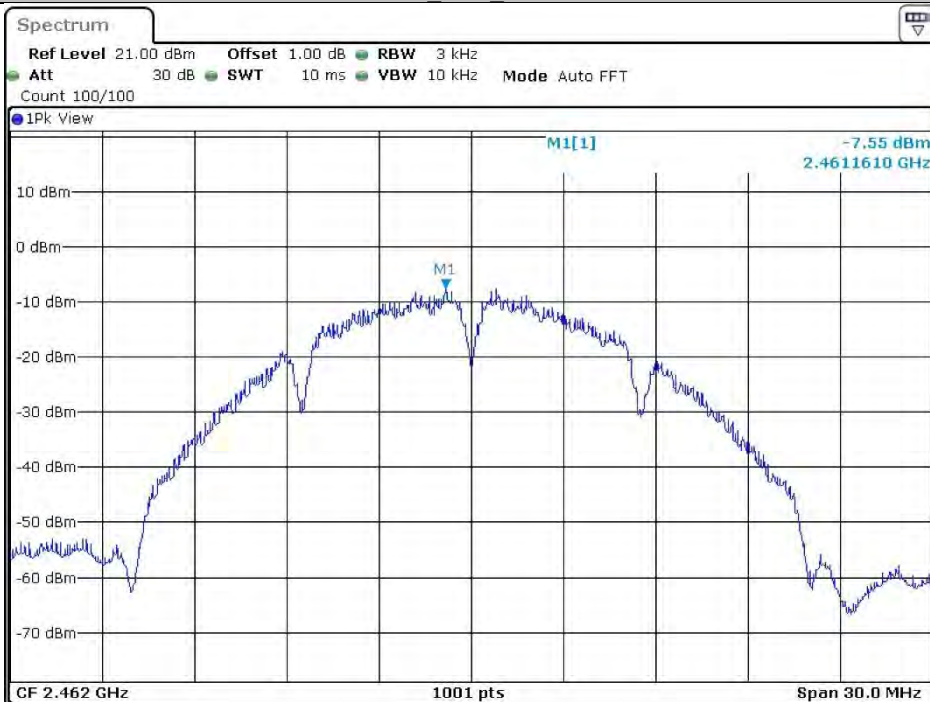
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11B Ant1 2437



Date: 31 JAN 2021 11:03:20

11B Ant1 2462



Date: 31 JAN 2021 11:05:56



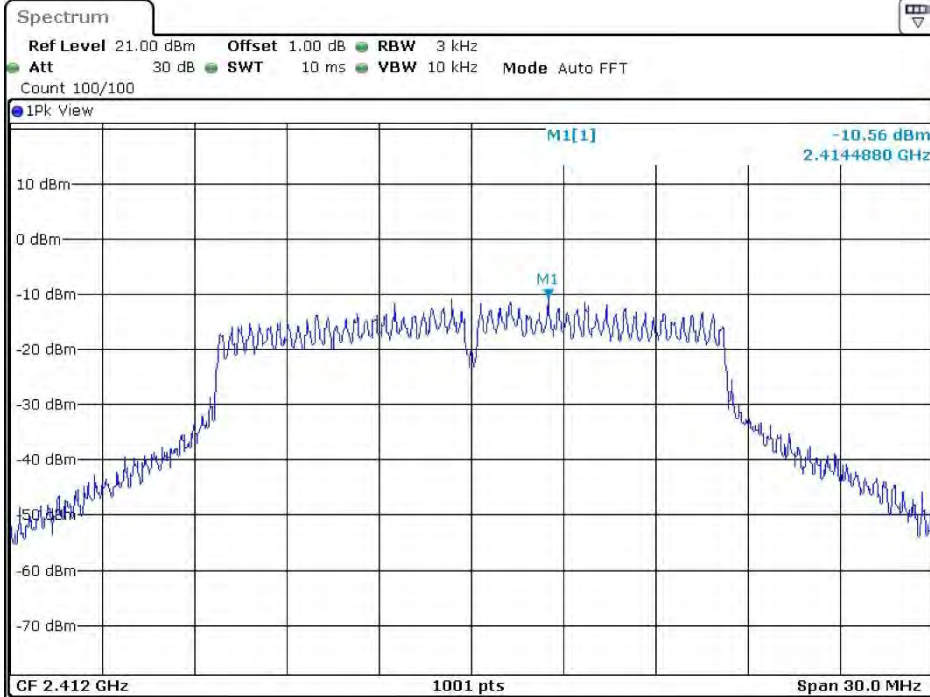
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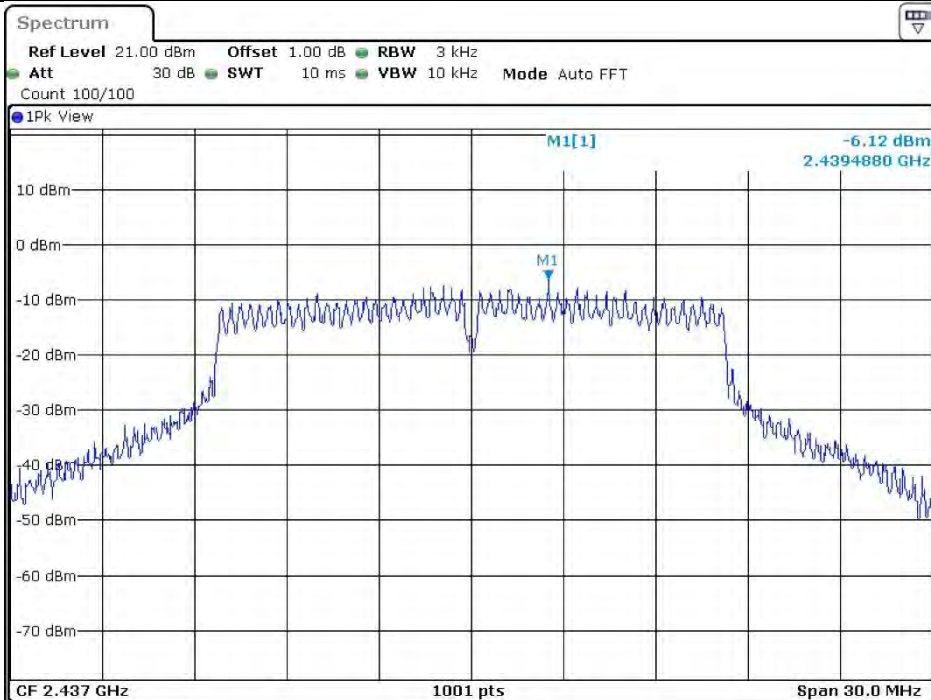
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11G Ant1 2412



Date: 31 JAN 2021 11:08:38

11G Ant1 2437



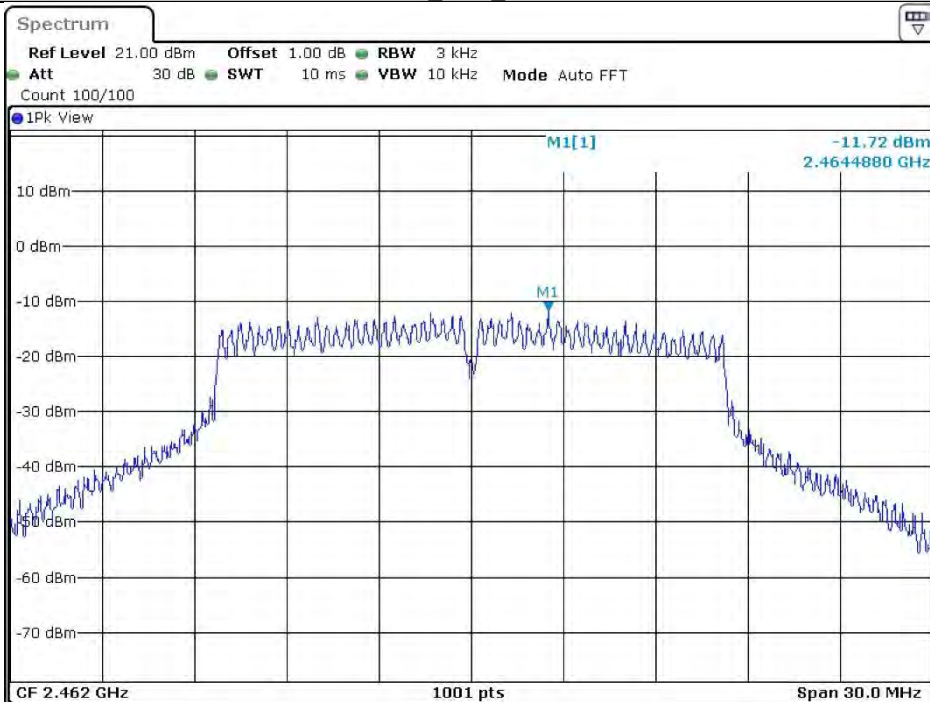
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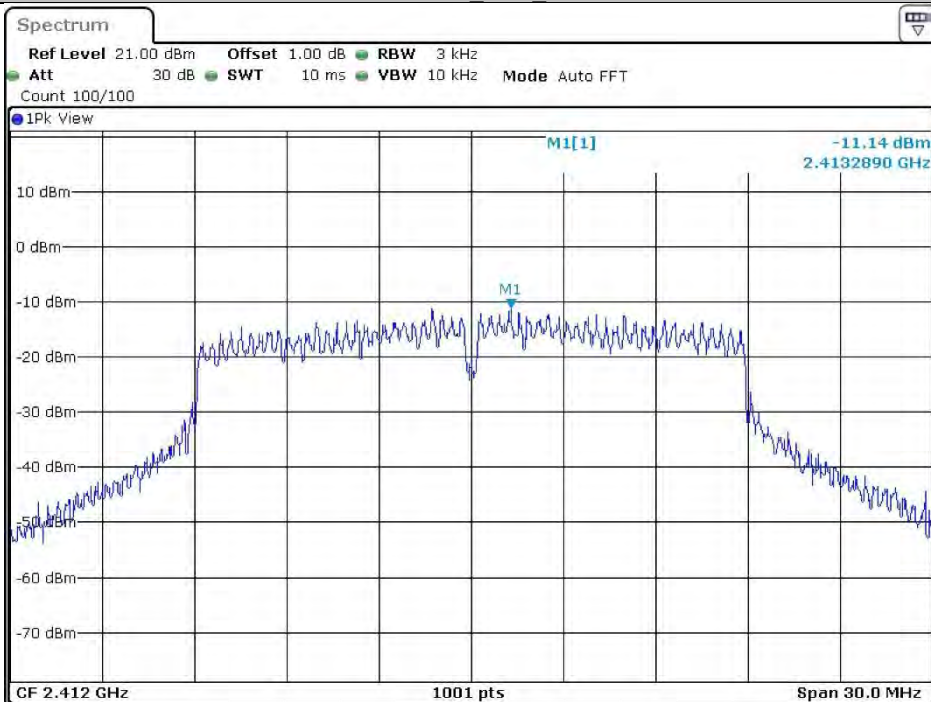
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11G Ant1 2462



Date: 31 JAN 2021 11:12:02

11N20SISO Ant1 2412



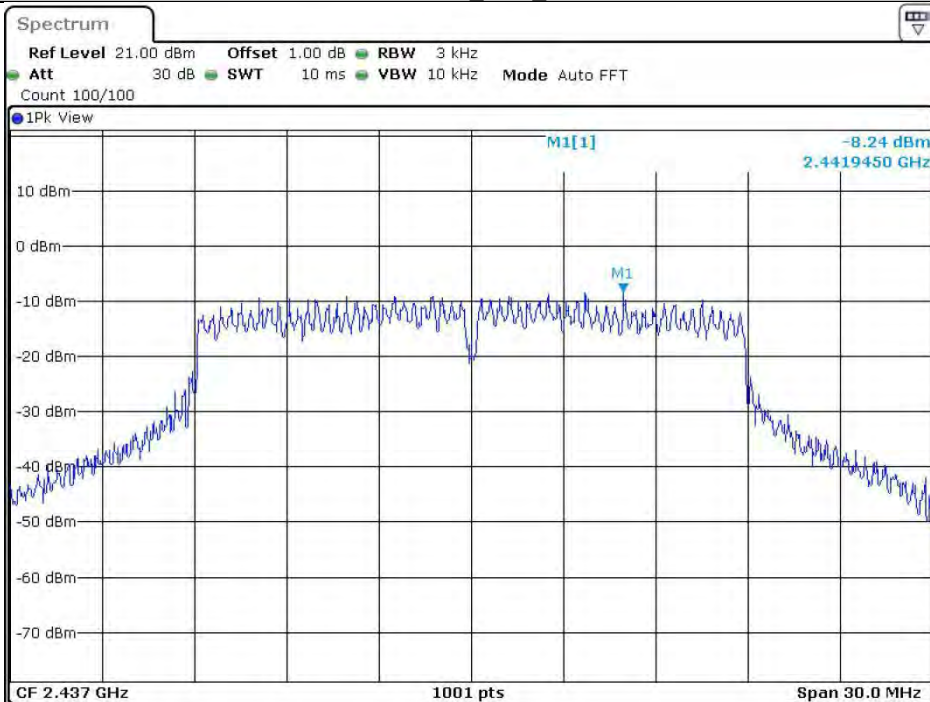
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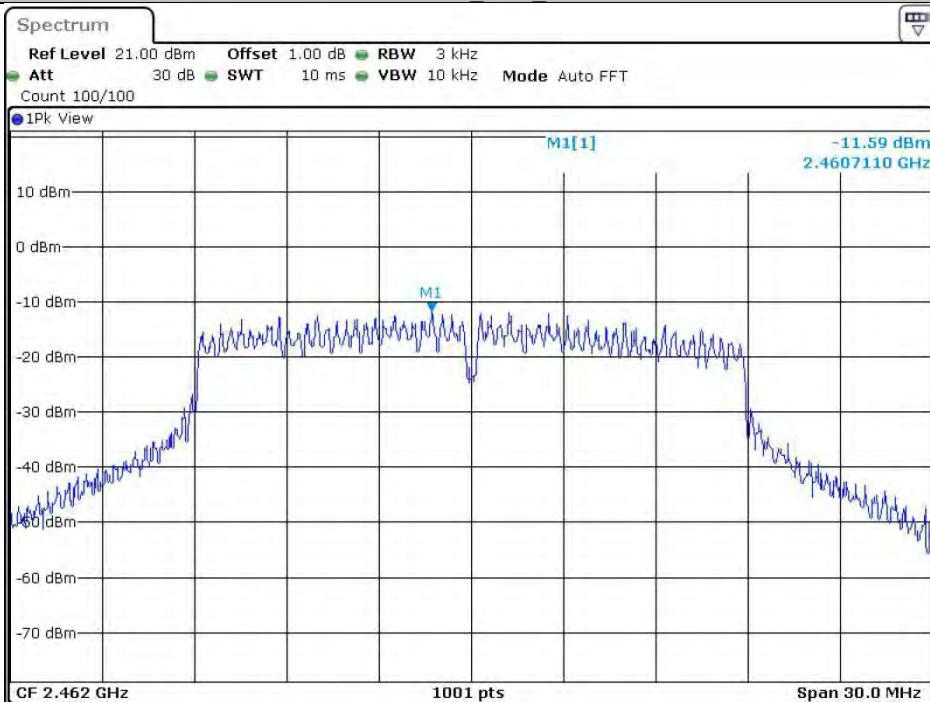
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11N20SISO Ant1 2462



Date: 31.JAN.2021 11:17:11



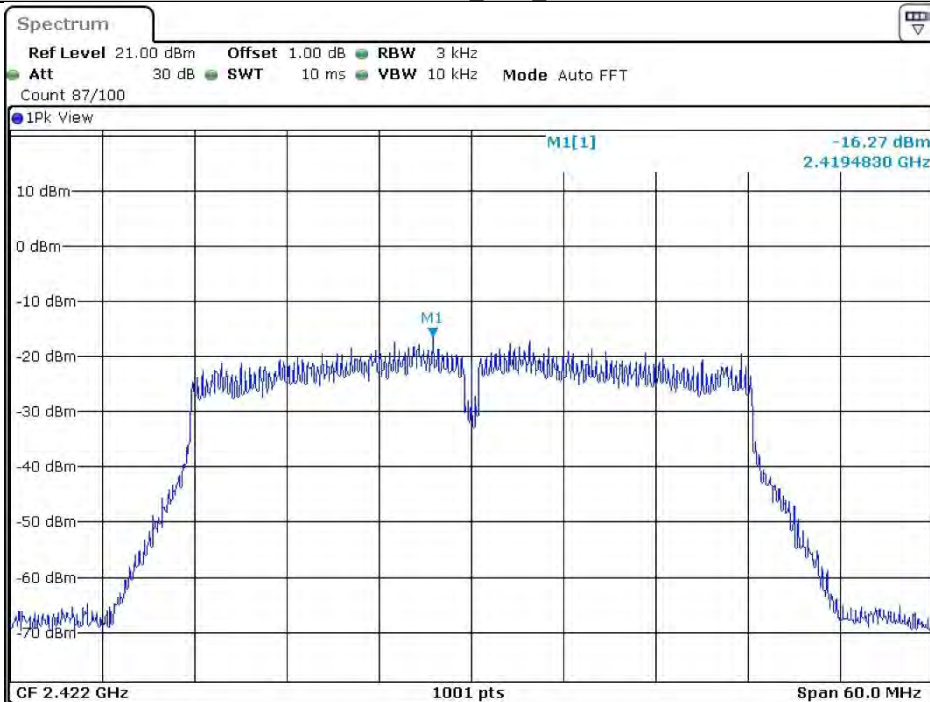
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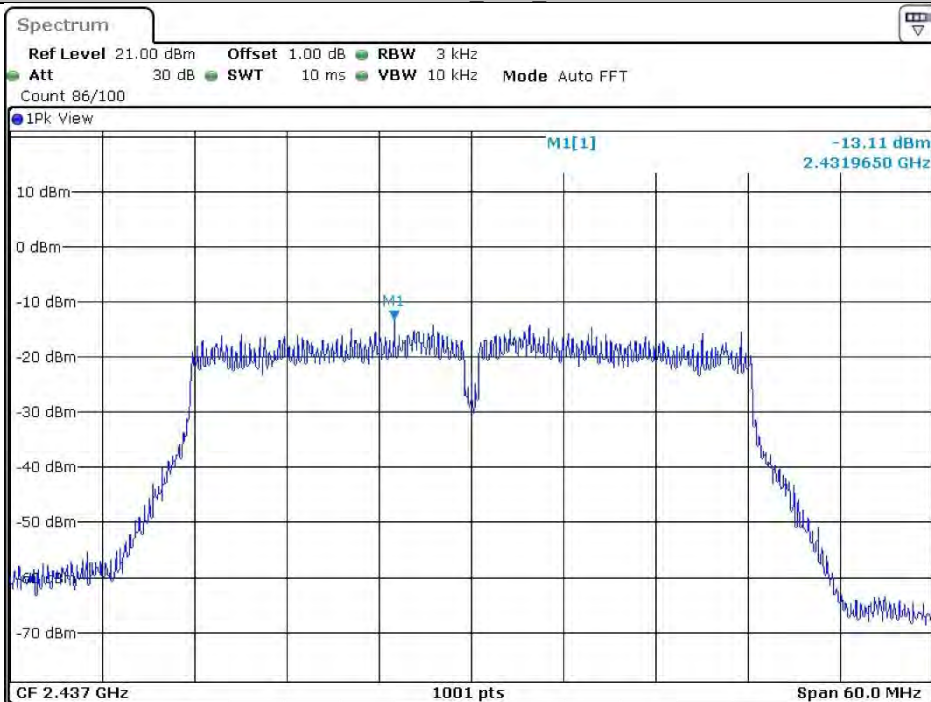
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11N40SISO Ant1 2422



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11N40SISO Ant1 2437



Date: 31 JAN 2021 11:23:29

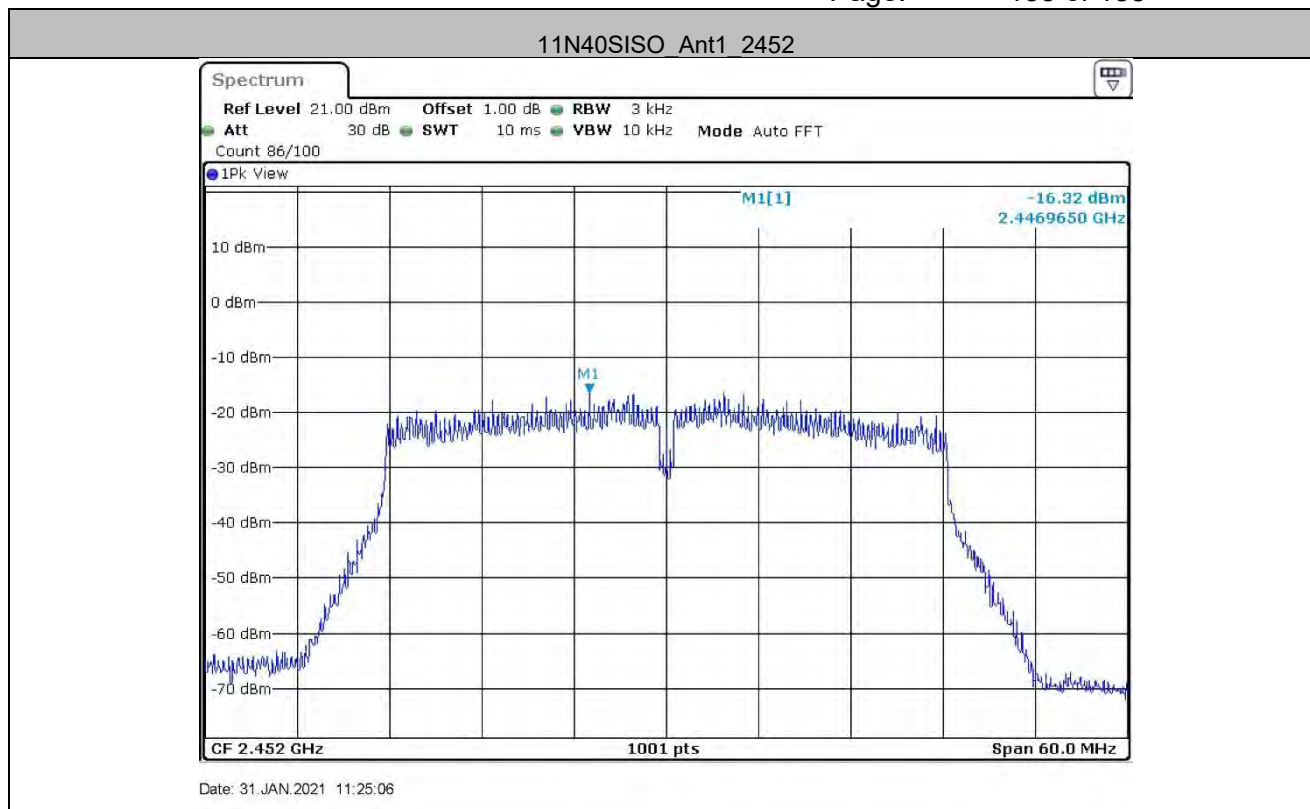


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Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	9.18	-39.96	<=-10.82	PASS
		High	2462	9.23	-53.33	<=-10.77	PASS
11G	Ant1	Low	2412	4.29	-30.18	<=-15.71	PASS
		High	2462	3.91	-50.82	<=-16.09	PASS
11N20SISO	Ant1	Low	2412	4.46	-27.5	<=-15.54	PASS
		High	2462	4.38	-51.71	<=-15.62	PASS
11N40SISO	Ant1	Low	2422	-2.16	-43.36	<=-22.16	PASS
		High	2452	-1.34	-54.93	<=-21.34	PASS



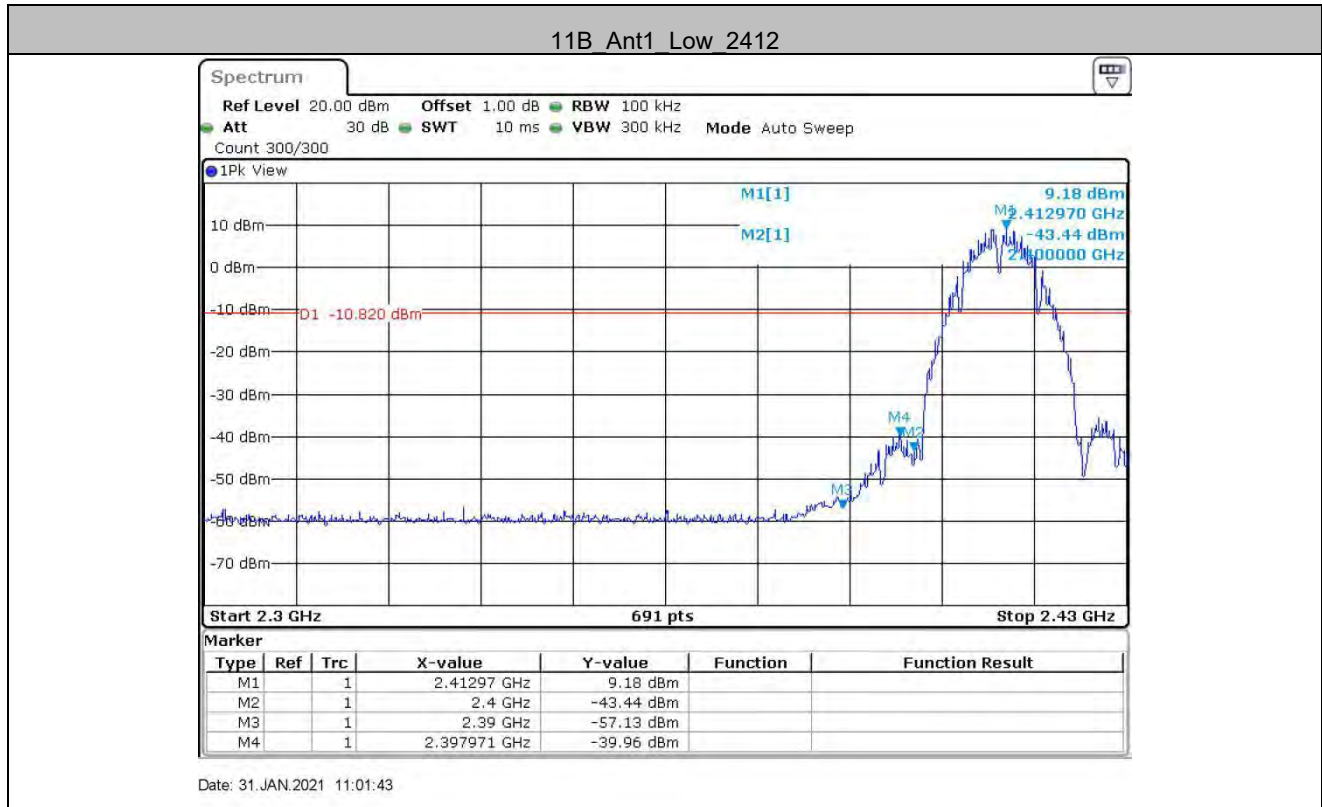
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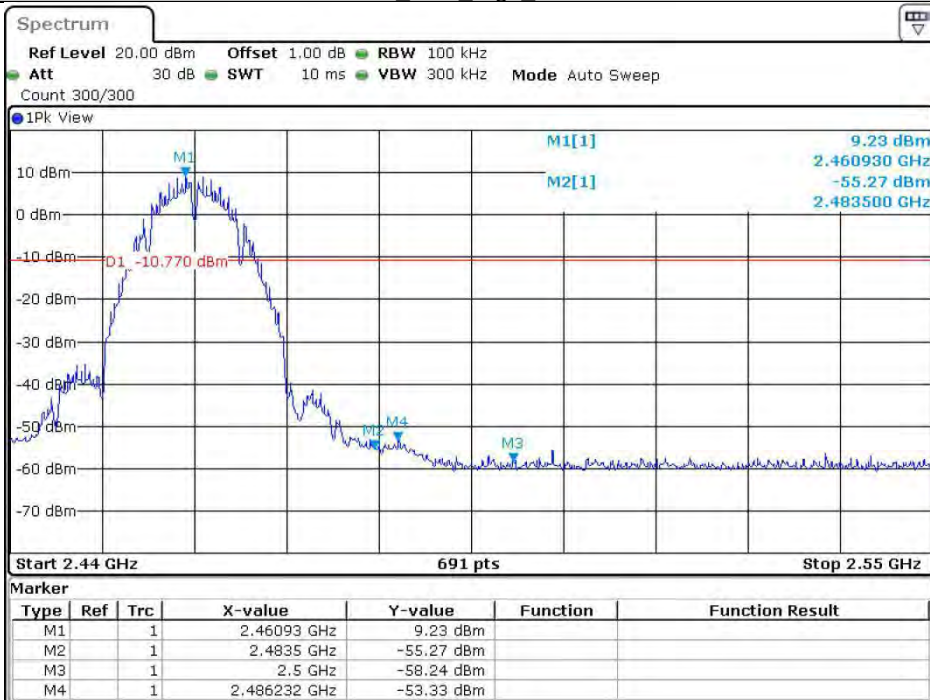
Test Graphs



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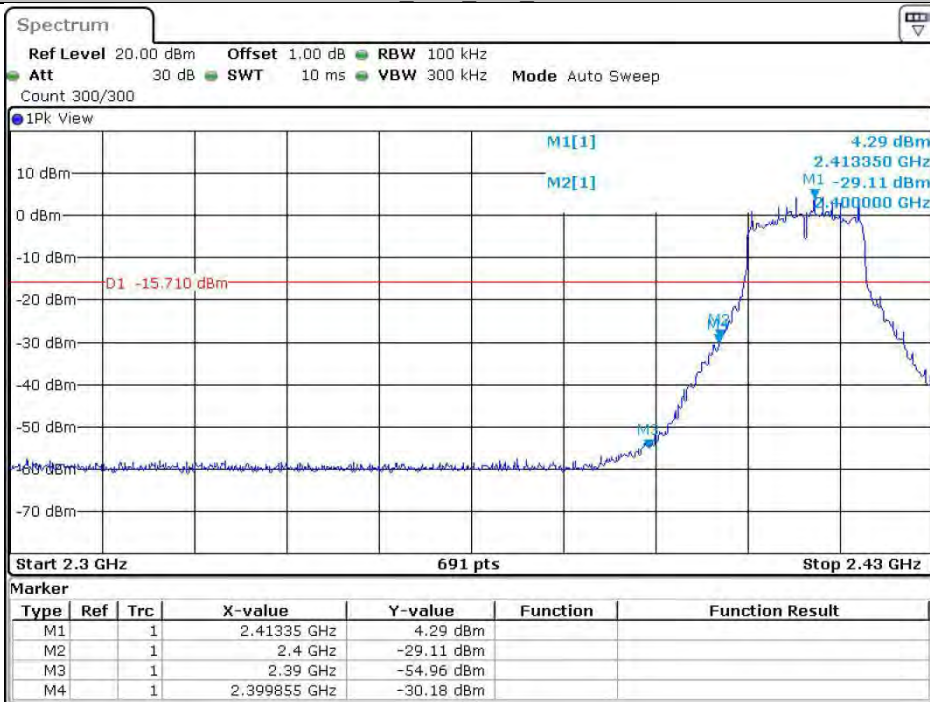
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11B Ant1 High 2462



Date: 31.JAN.2021 11:06:05

11G Ant1 Low 2412



Date: 31.JAN.2021 11:08:46



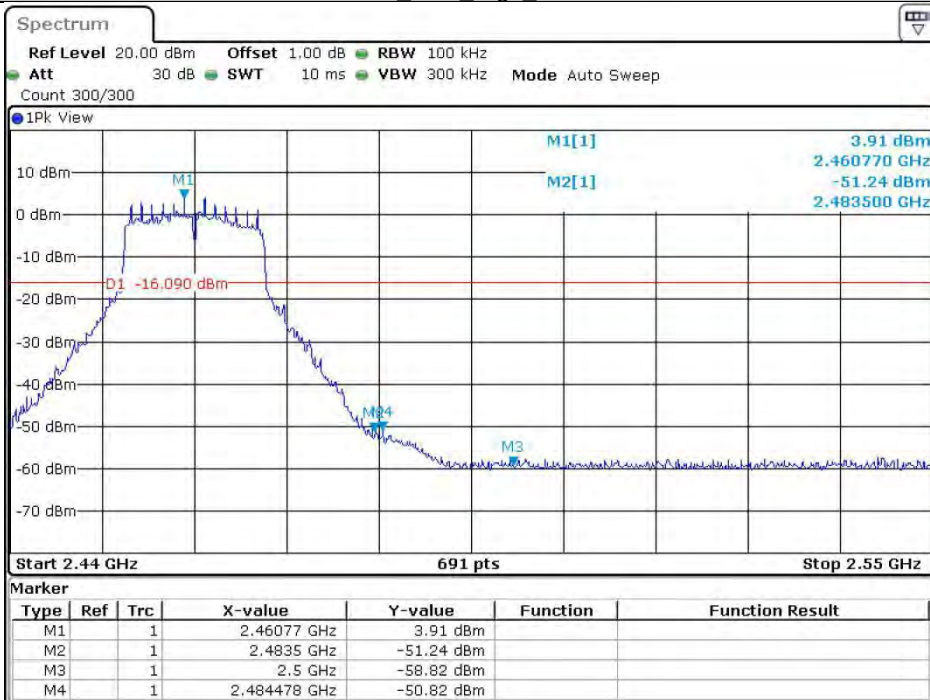
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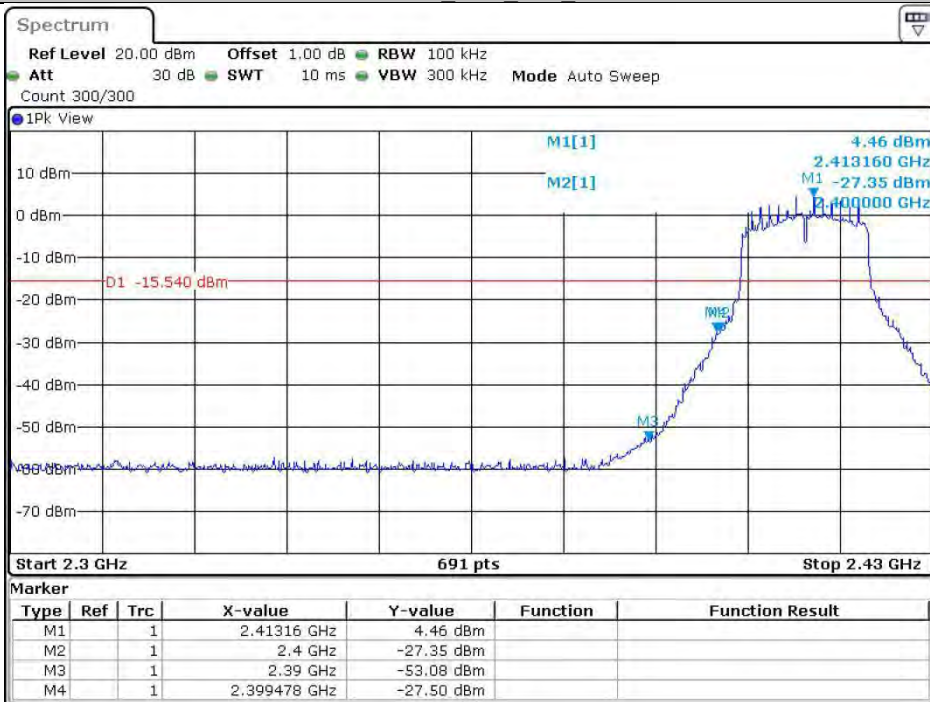
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11G Ant1 High 2462



Date: 31.JAN.2021 11:12:10

11N20SISO Ant1 Low 2412



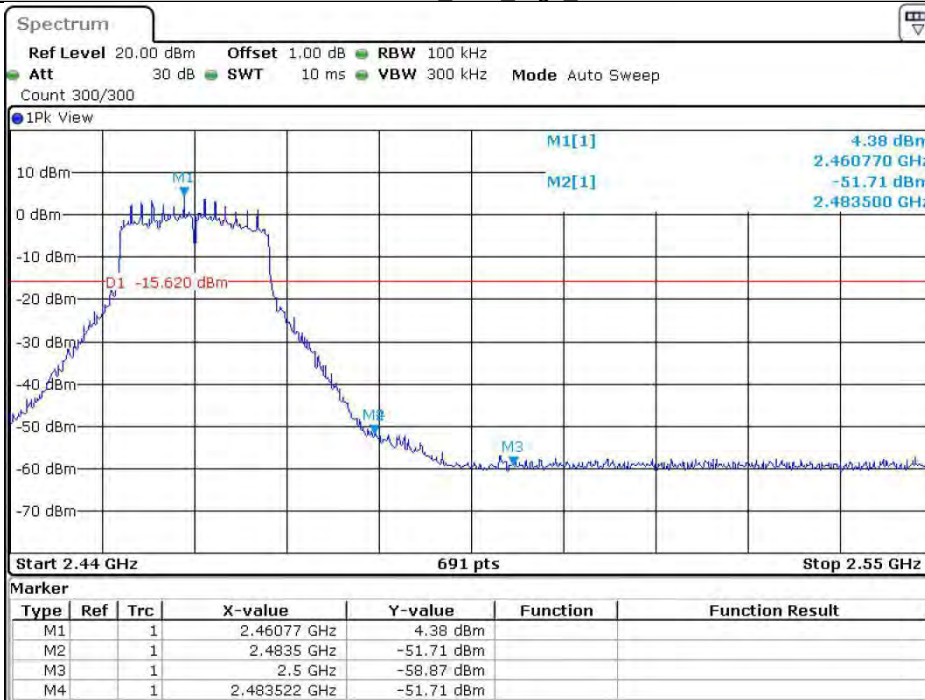
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11N20SISO Ant1 High 2462



Date: 31.JAN.2021 11:17:19

11N40SISO Ant1 Low 2422



Date: 31.JAN.2021 11:20:04

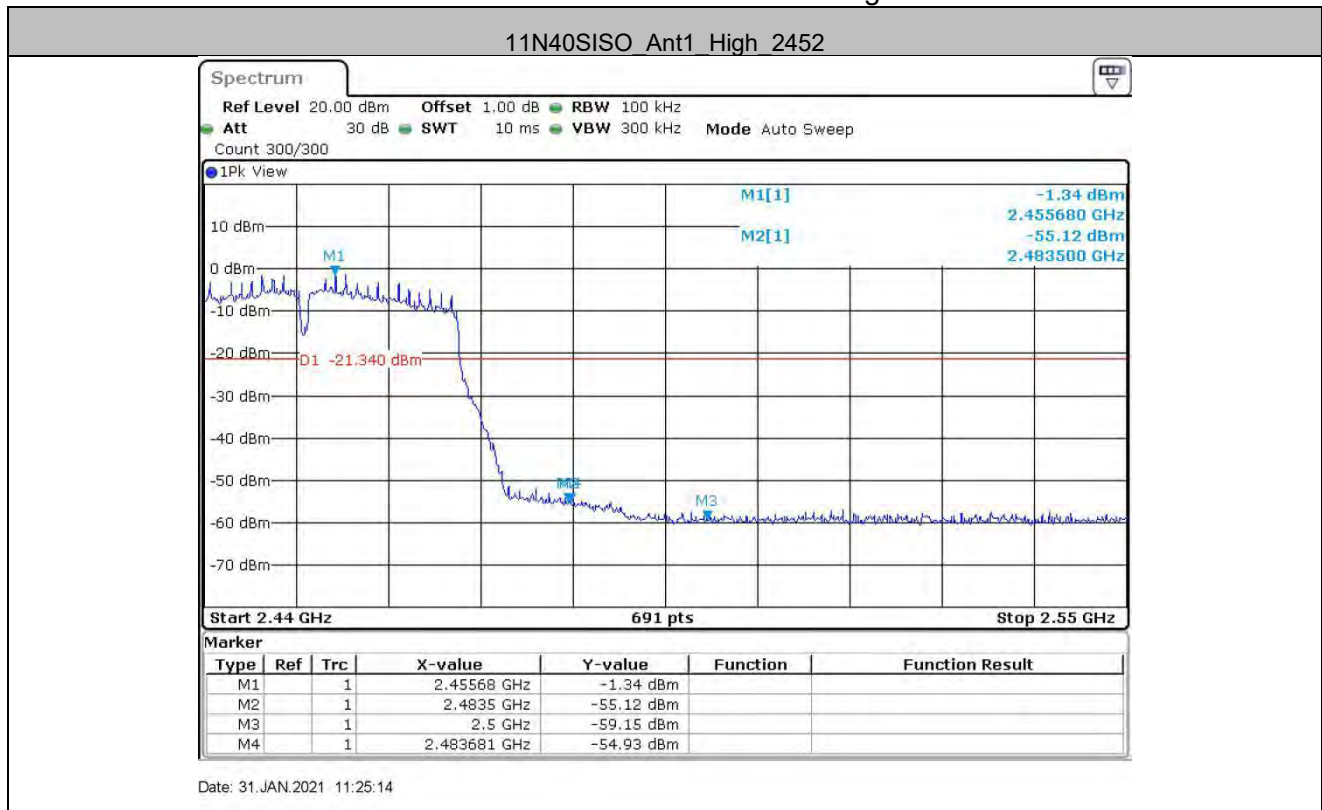


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Conducted Spurious Emission Test Result

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	9.35	9.35	---	PASS
			30~1000	9.35	-45.48	<=-10.65	PASS
			1000~26500	9.35	-31.13	<=-10.65	PASS
		2437	Reference	8.94	8.94	---	PASS
			30~1000	8.94	-45.47	<=-11.06	PASS
			1000~26500	8.94	-29.78	<=-11.06	PASS
		2462	Reference	9.13	9.13	---	PASS
			30~1000	9.13	-42.69	<=-10.87	PASS
			1000~26500	9.13	-31.23	<=-10.87	PASS
11G	Ant1	2412	Reference	4.49	4.49	---	PASS
			30~1000	4.49	-44.47	<=-15.51	PASS
			1000~26500	4.49	-30.93	<=-15.51	PASS
		2437	Reference	8.46	8.46	---	PASS
			30~1000	8.46	-44.84	<=-11.54	PASS
			1000~26500	8.46	-30.71	<=-11.54	PASS
		2462	Reference	4.27	4.27	---	PASS
			30~1000	4.27	-45.84	<=-15.73	PASS
			1000~26500	4.27	-30.97	<=-15.73	PASS
11N20SISO	Ant1	2412	Reference	4.39	4.39	---	PASS
			30~1000	4.39	-45.84	<=-15.61	PASS
			1000~26500	4.39	-30.78	<=-15.61	PASS
		2437	Reference	7.72	7.72	---	PASS
			30~1000	7.72	-44.41	<=-12.28	PASS
			1000~26500	7.72	-30.77	<=-12.28	PASS
		2462	Reference	4.02	4.02	---	PASS
			30~1000	4.02	-45.73	<=-15.98	PASS
			1000~26500	4.02	-31.56	<=-15.98	PASS
11N40SISO	Ant1	2422	Reference	-1.87	-1.87	---	PASS



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			30~1000	-1.87	-45.59	<=-21.87	PASS
			1000~26500	-1.87	-30.82	<=-21.87	PASS
		2437	Reference	1.29	1.29	---	PASS
			30~1000	1.29	-44.78	<=-18.71	PASS
			1000~26500	1.29	-29.88	<=-18.71	PASS
		2452	Reference	-1.04	-1.04	---	PASS
			30~1000	-1.04	-45	<=-21.04	PASS
			1000~26500	-1.04	-30.96	<=-21.04	PASS



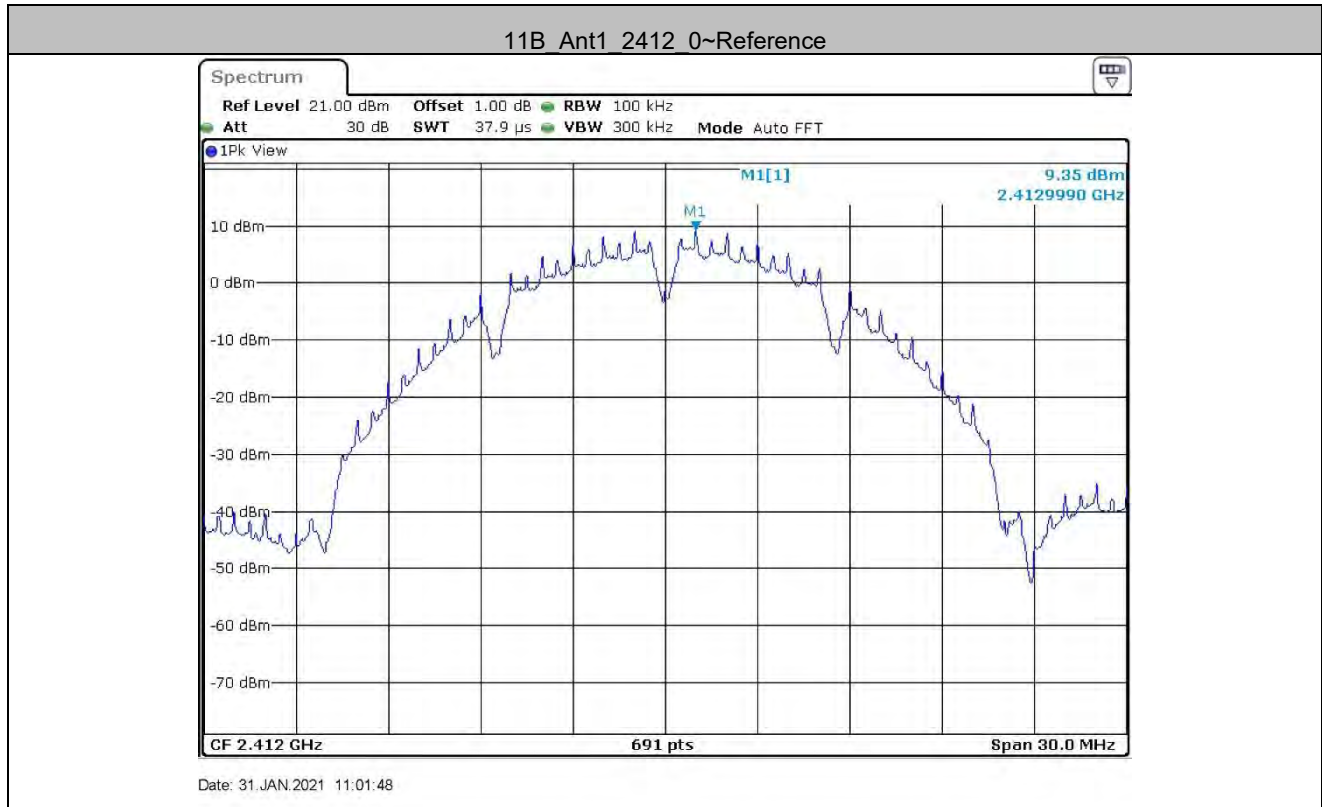
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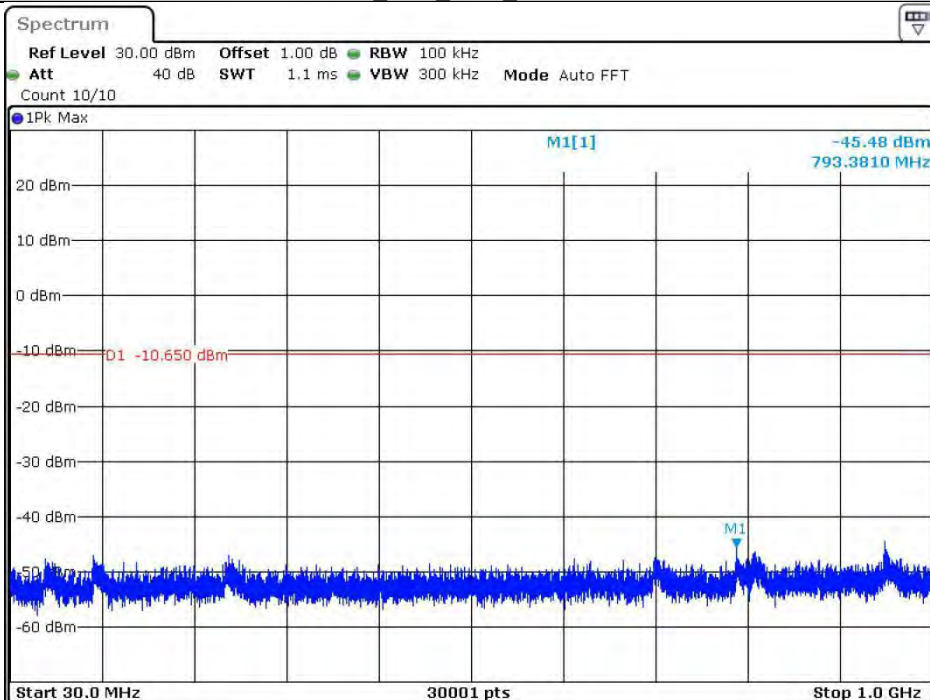
Test Graphs



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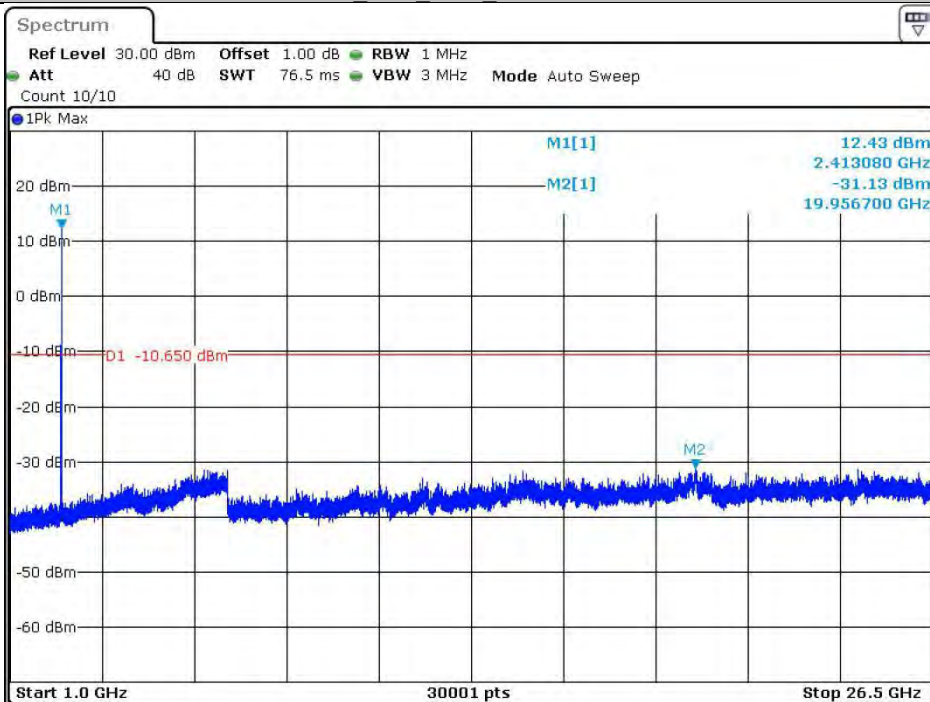
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11B Ant1 2412 30~1000



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11B Ant1 2412 1000~26500



Date: 31.JAN.2021 11:02:14



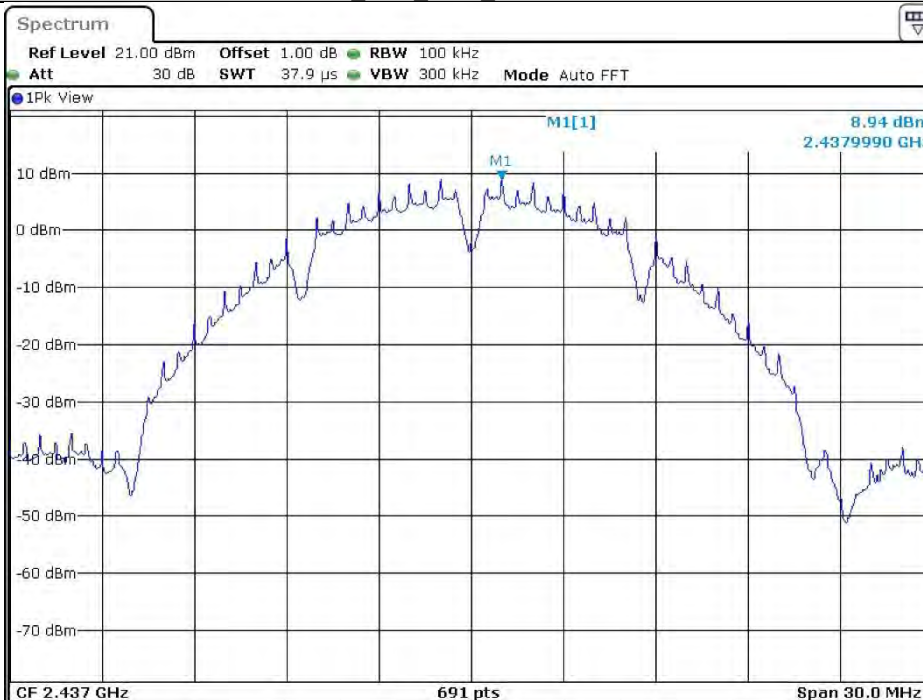
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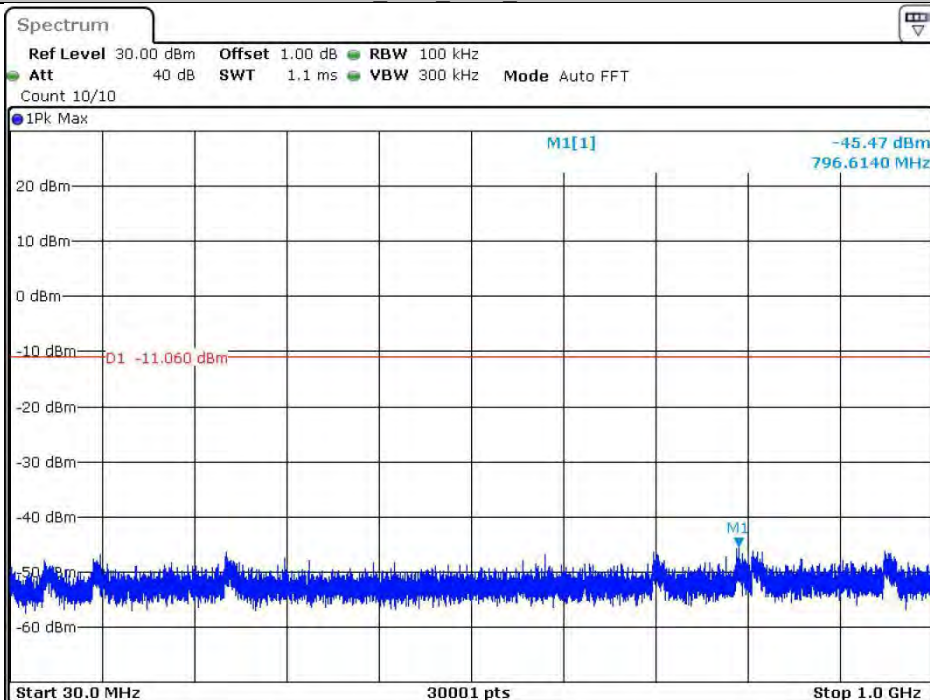
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11B Ant1 2437 0~Reference



Date: 31.JAN.2021 11:03:24

11B Ant1 2437 30~1000



Date: 31.JAN.2021 11:03:29



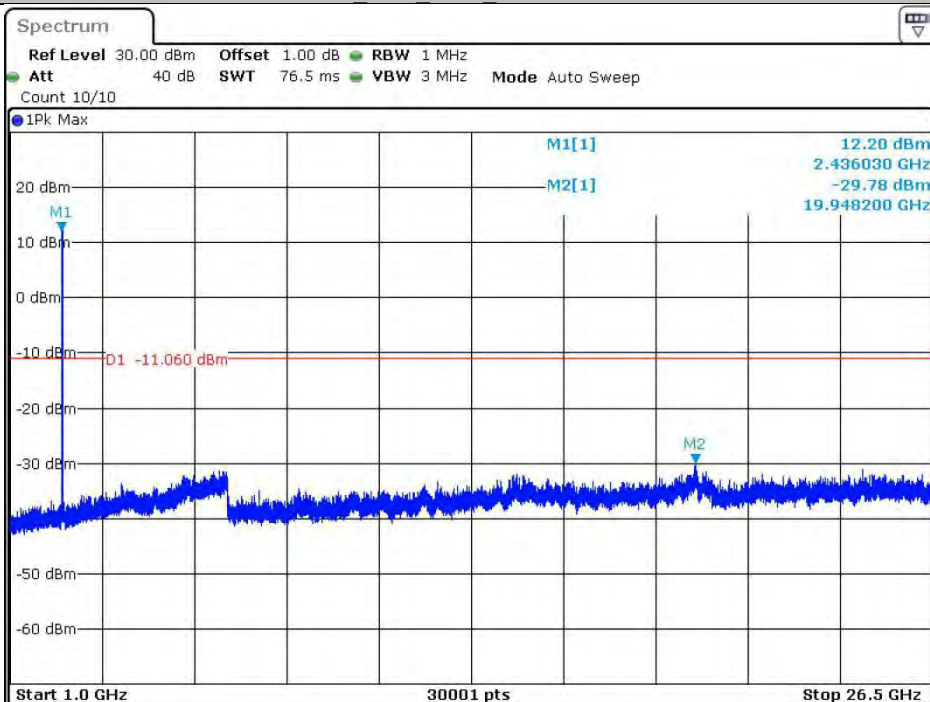
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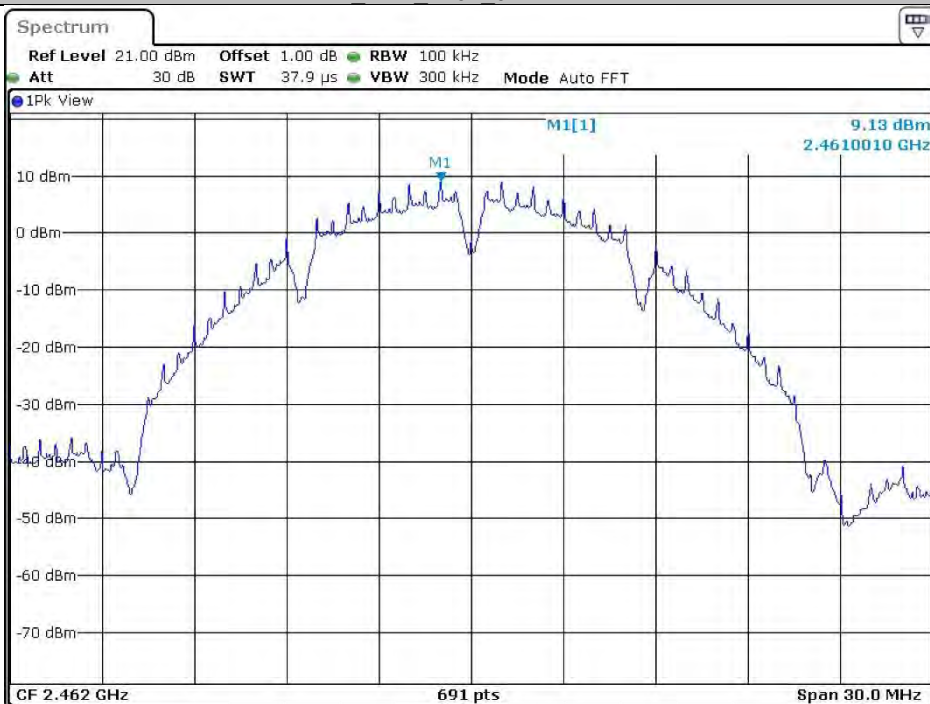
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11B Ant1 2437 1000~26500



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11B Ant1 2462 0~Reference



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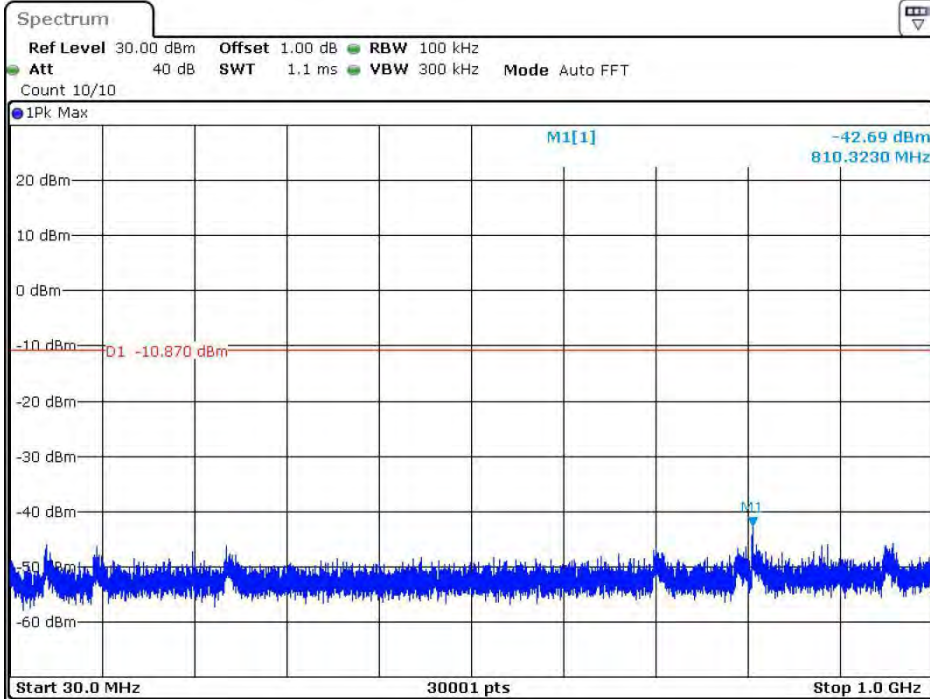
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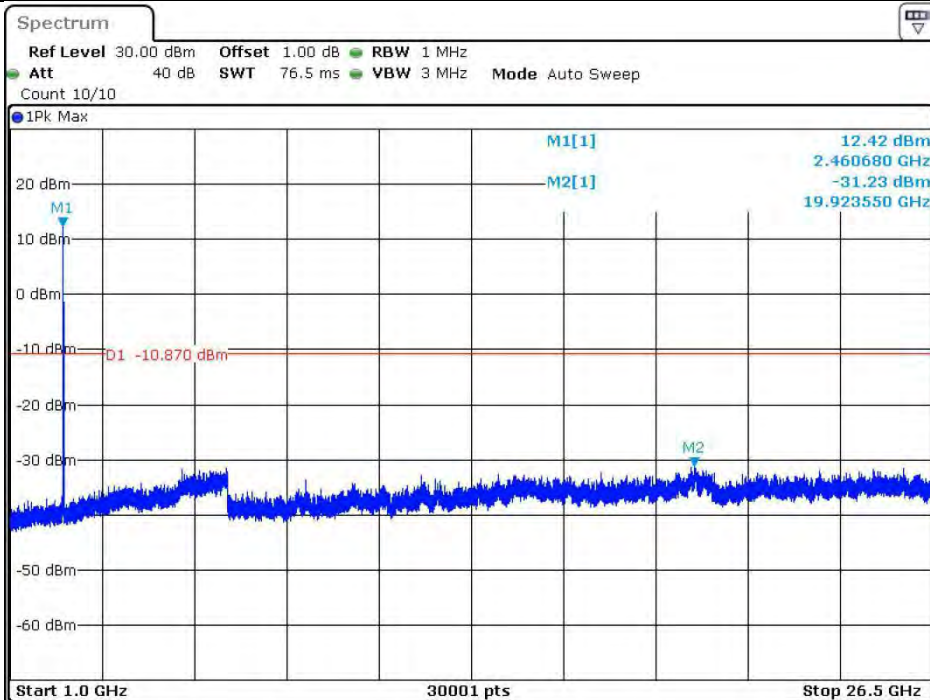
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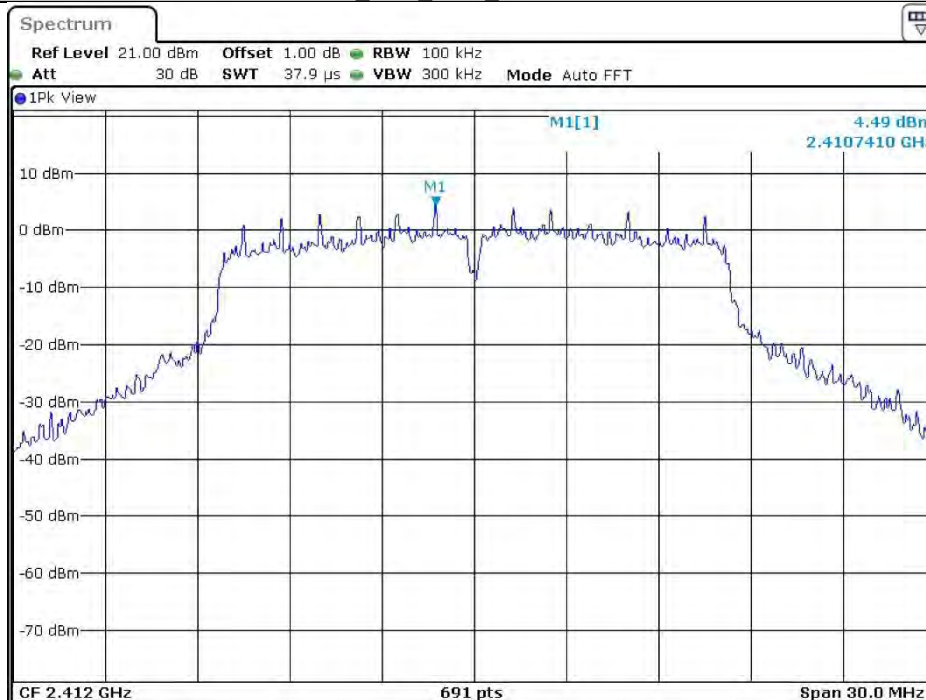
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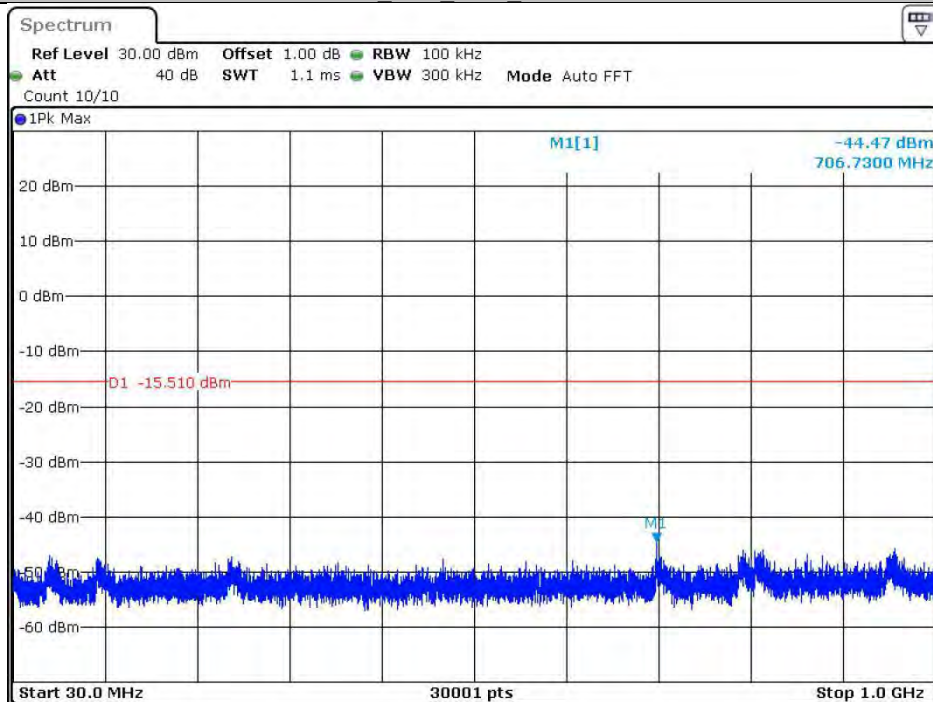
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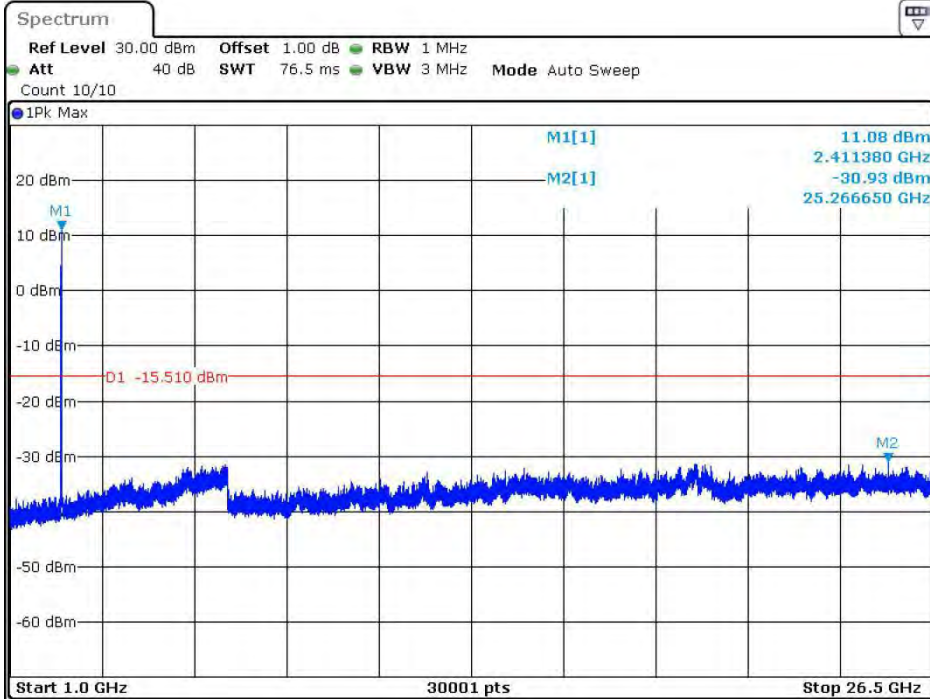
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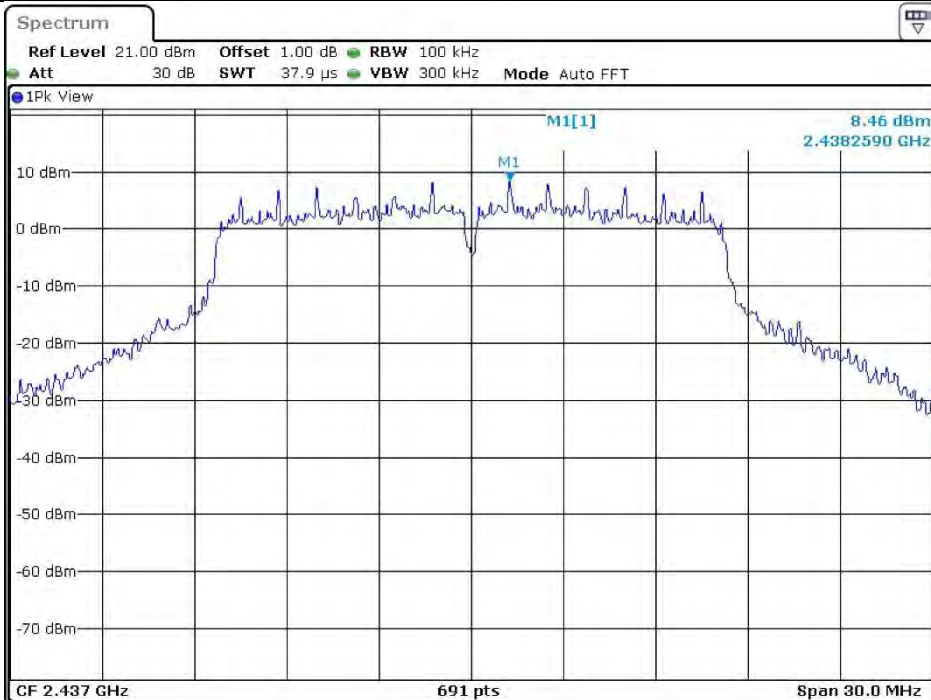
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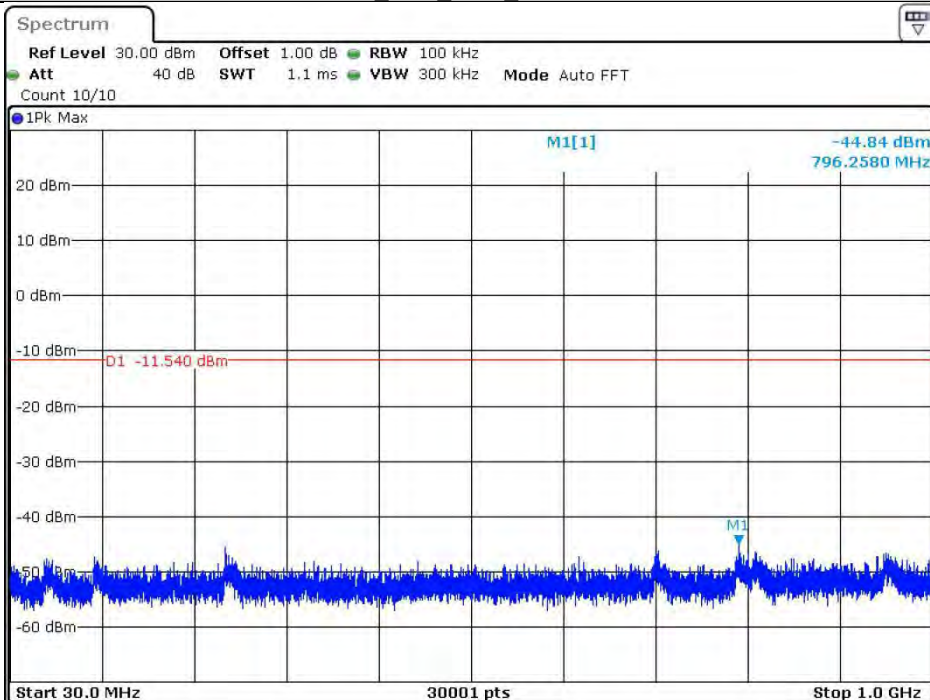
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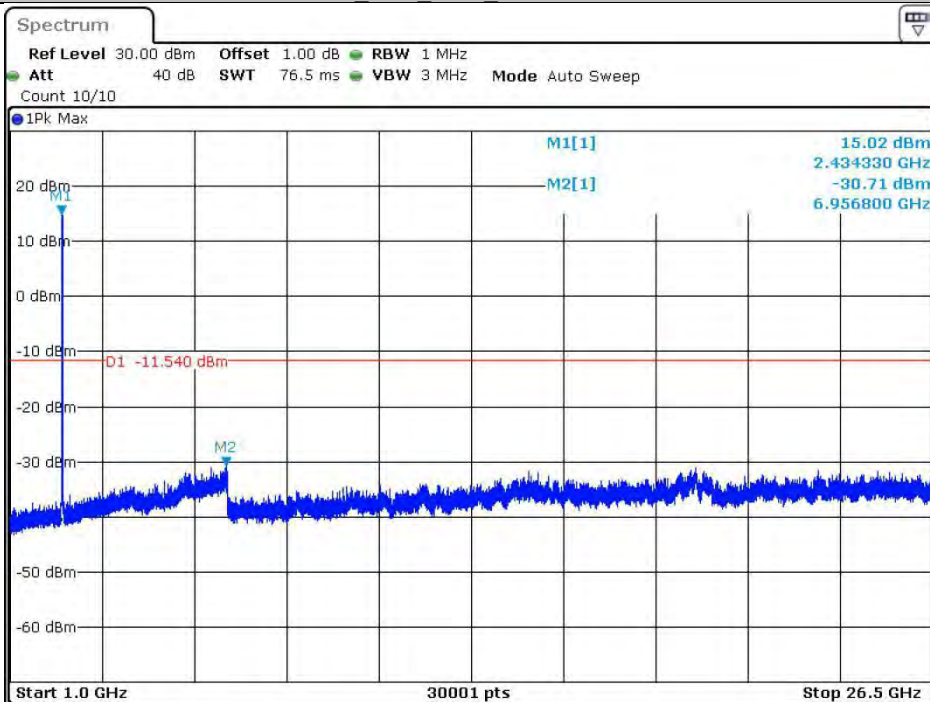
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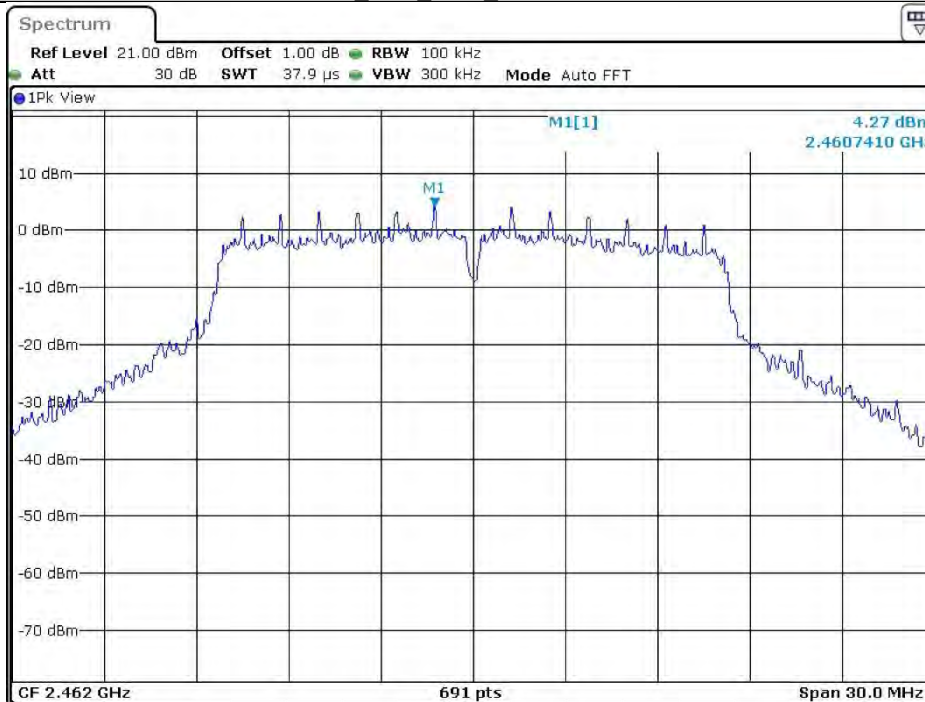
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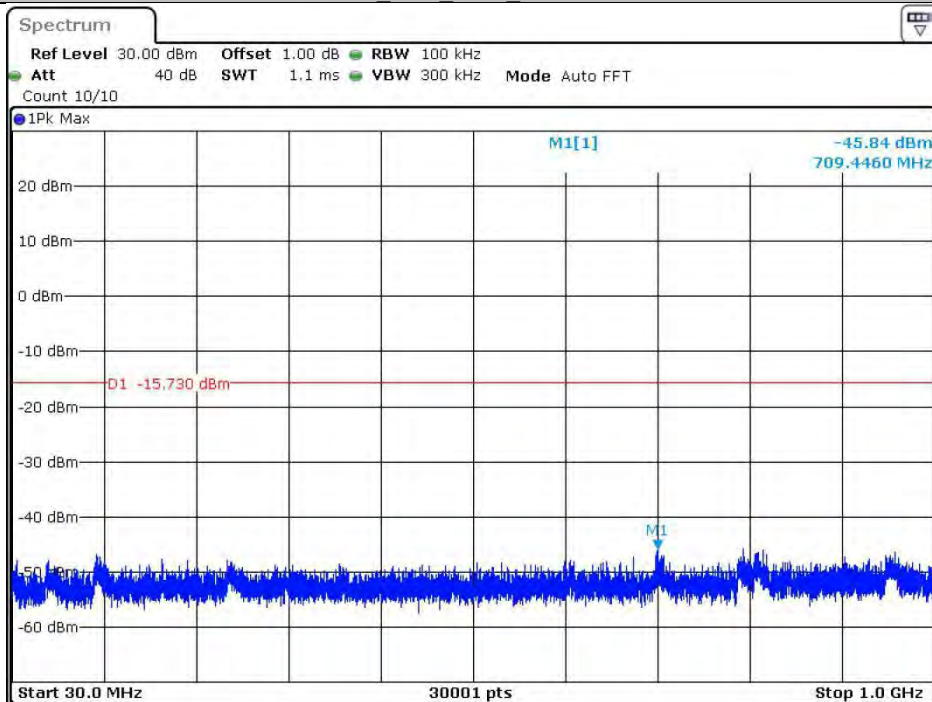
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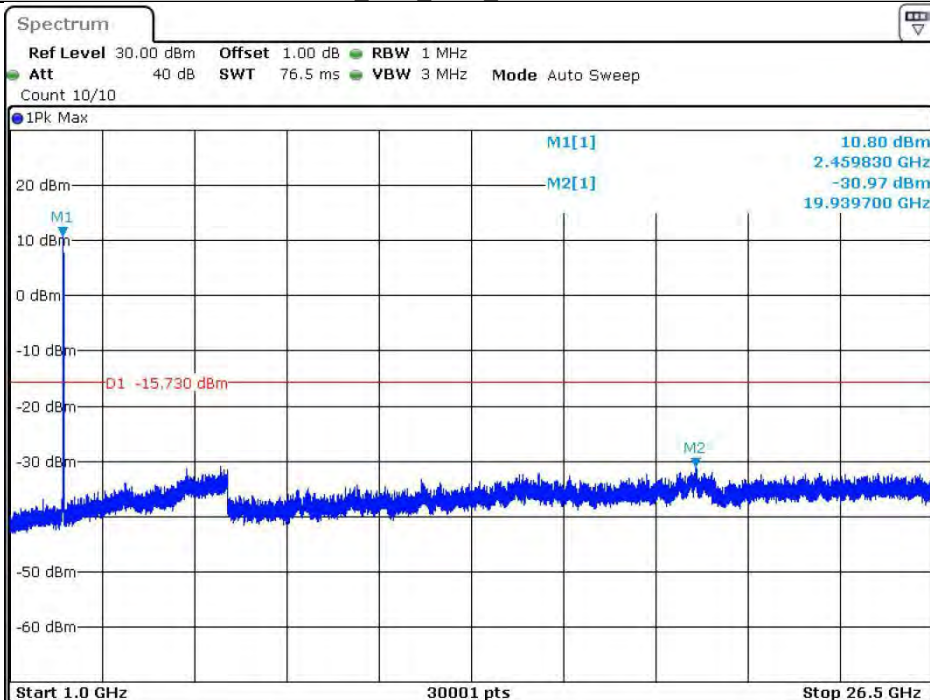
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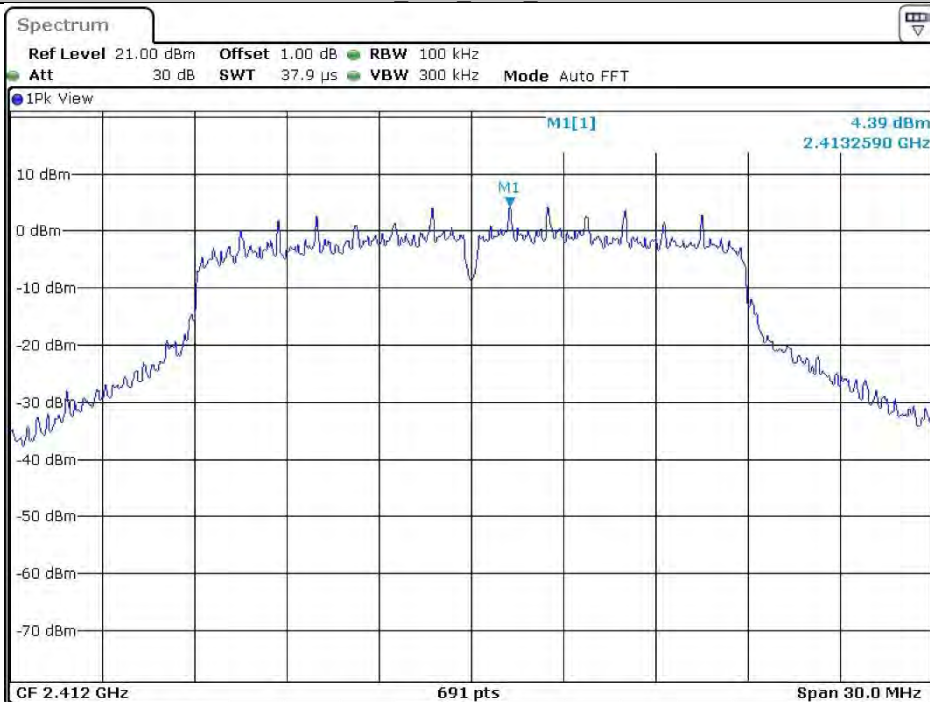
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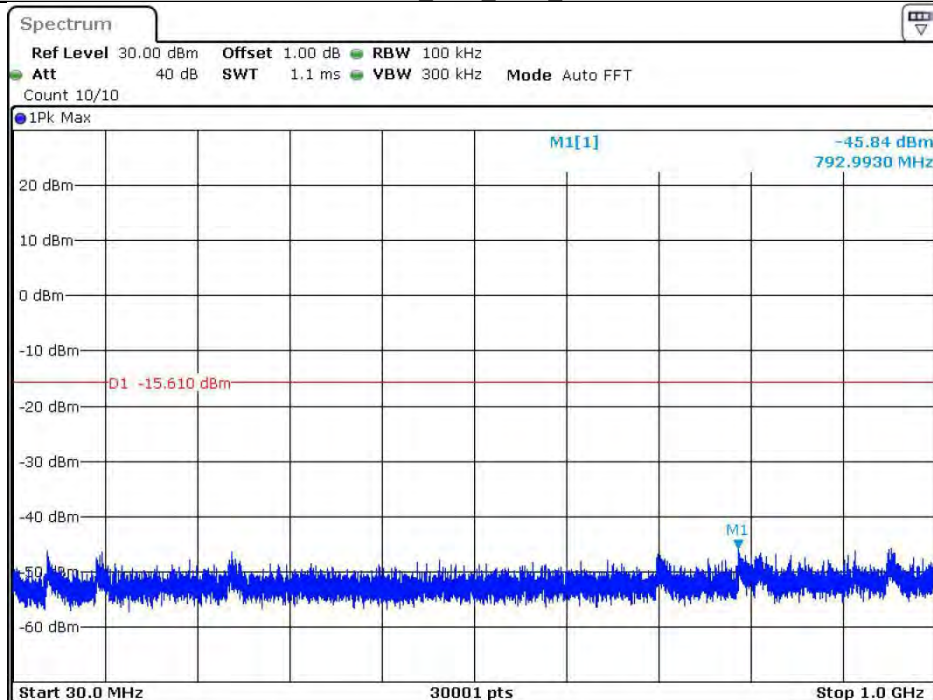
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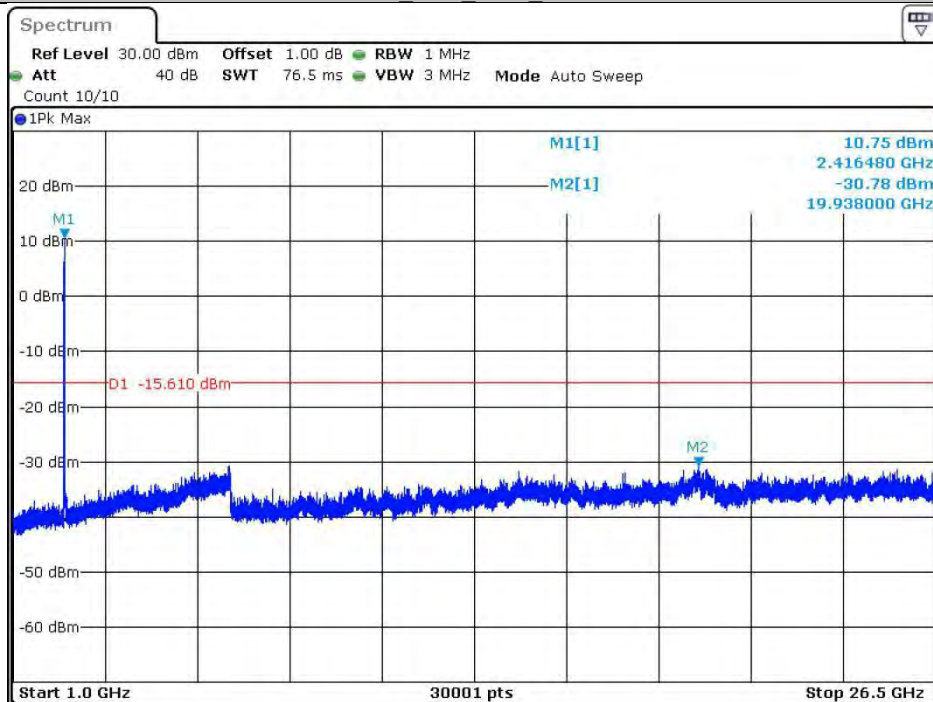
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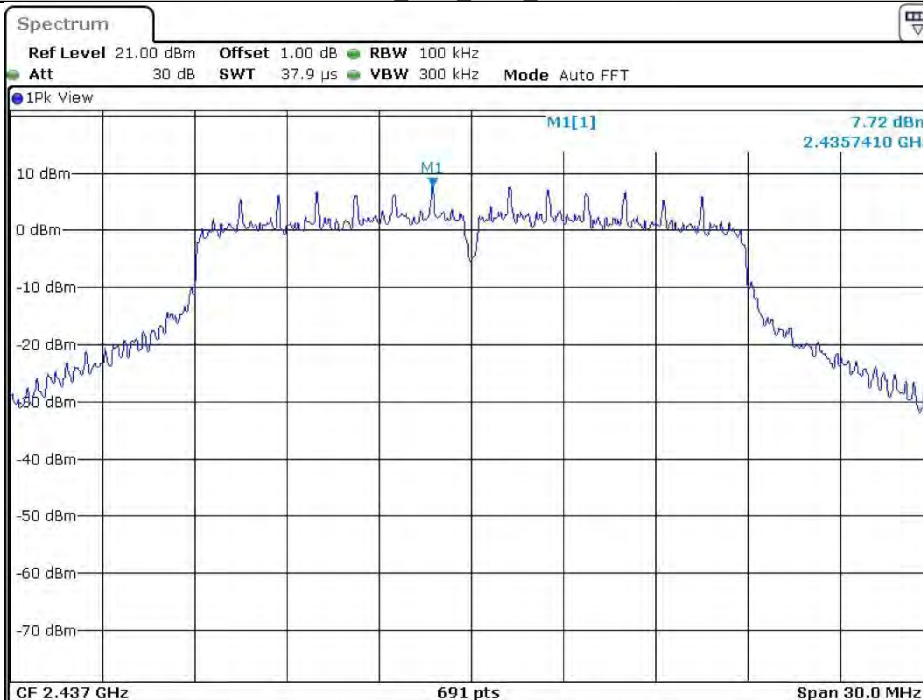
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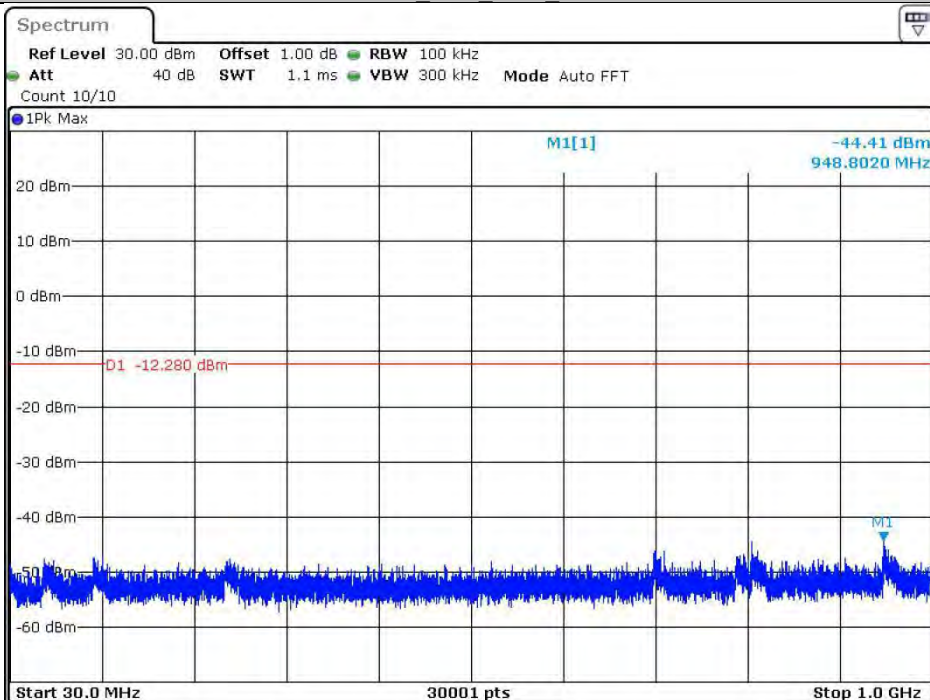
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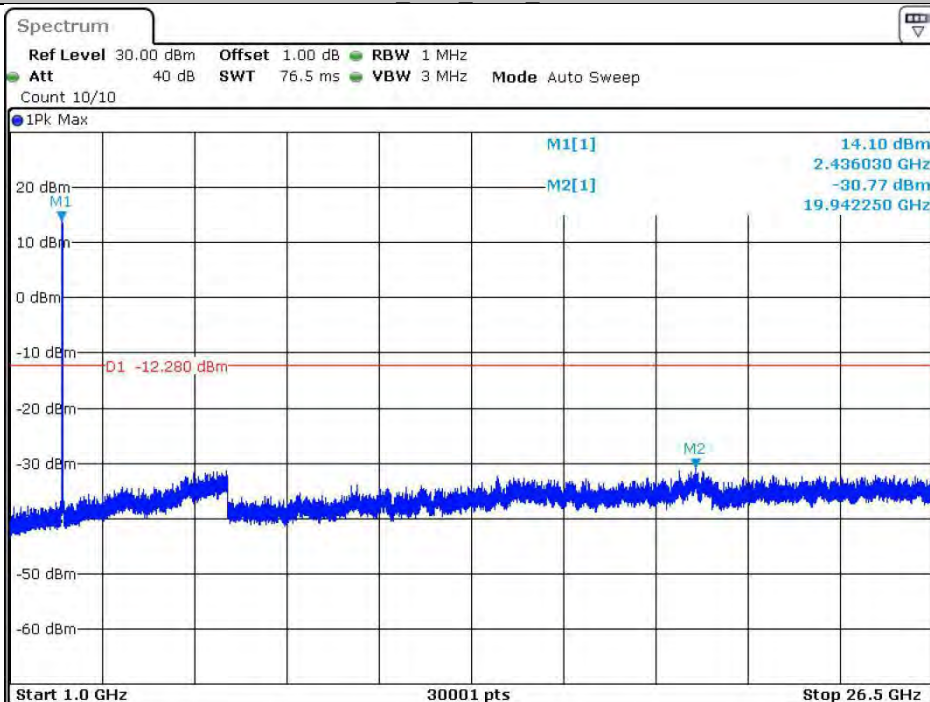
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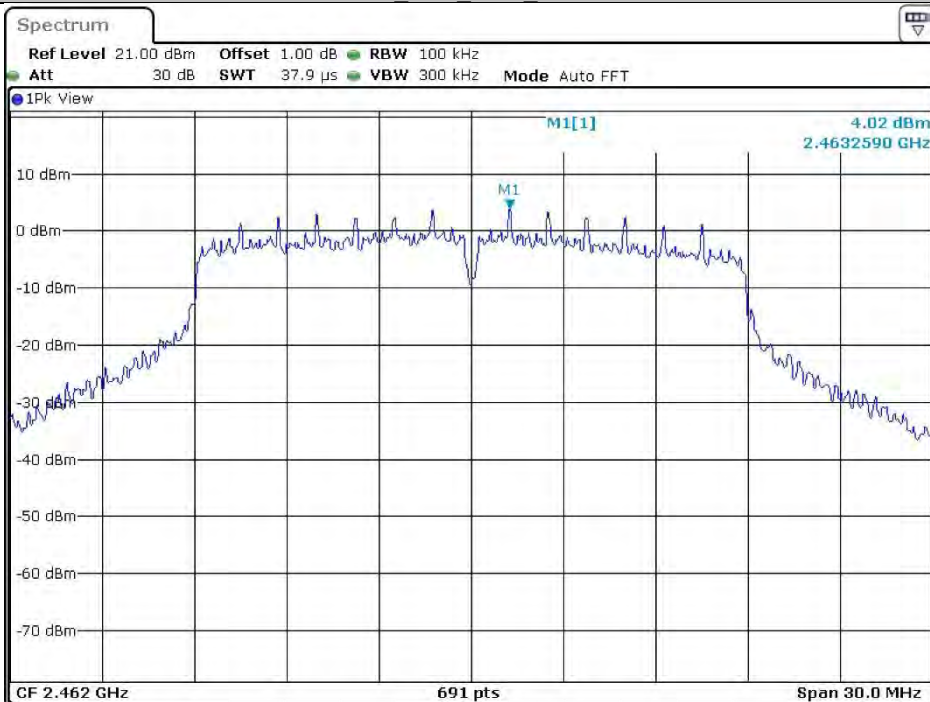
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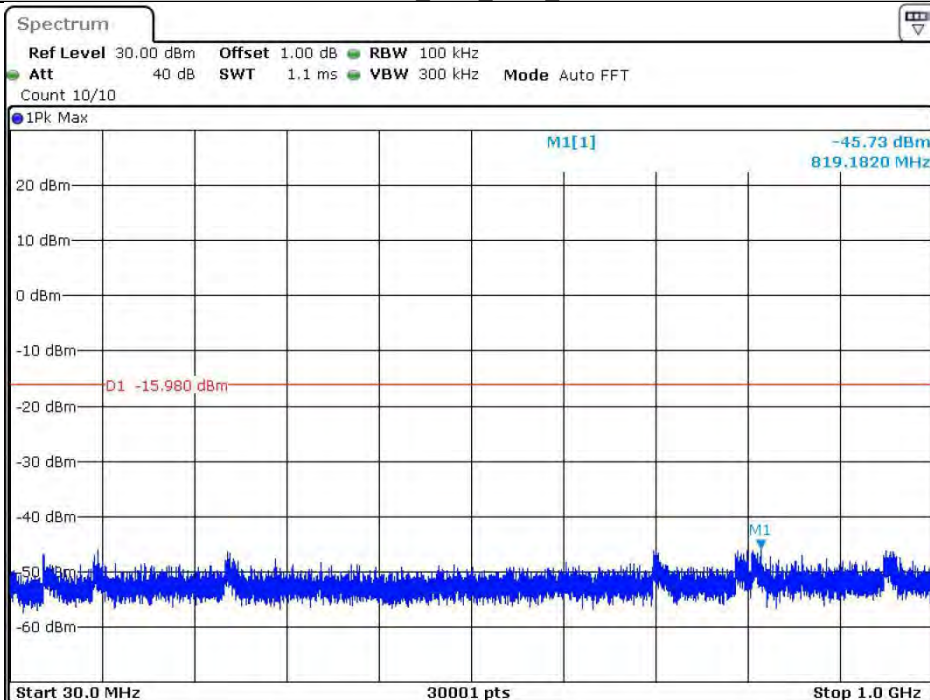
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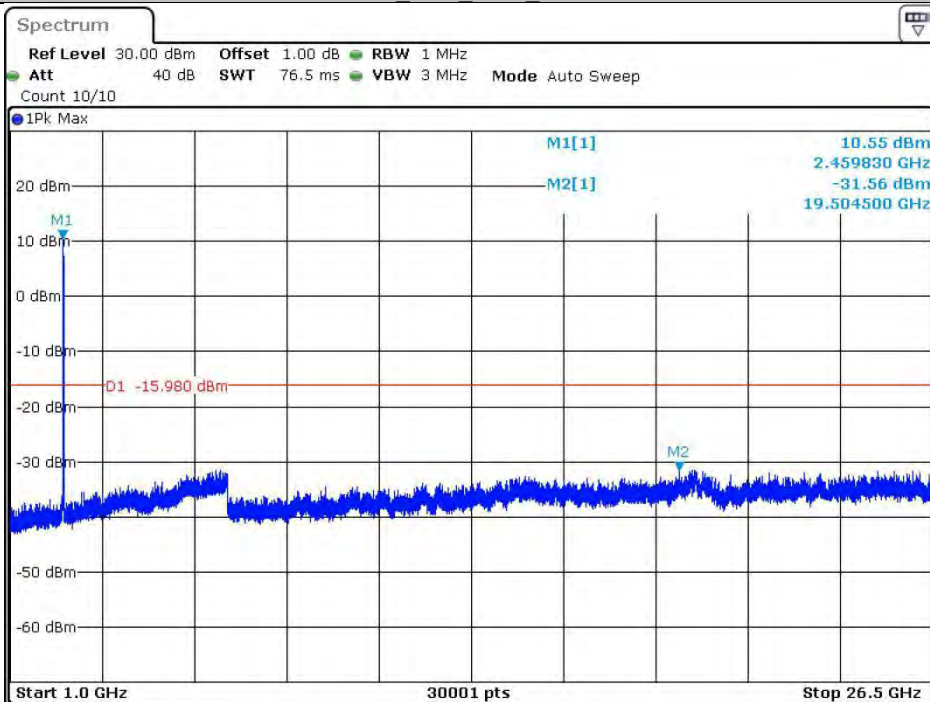
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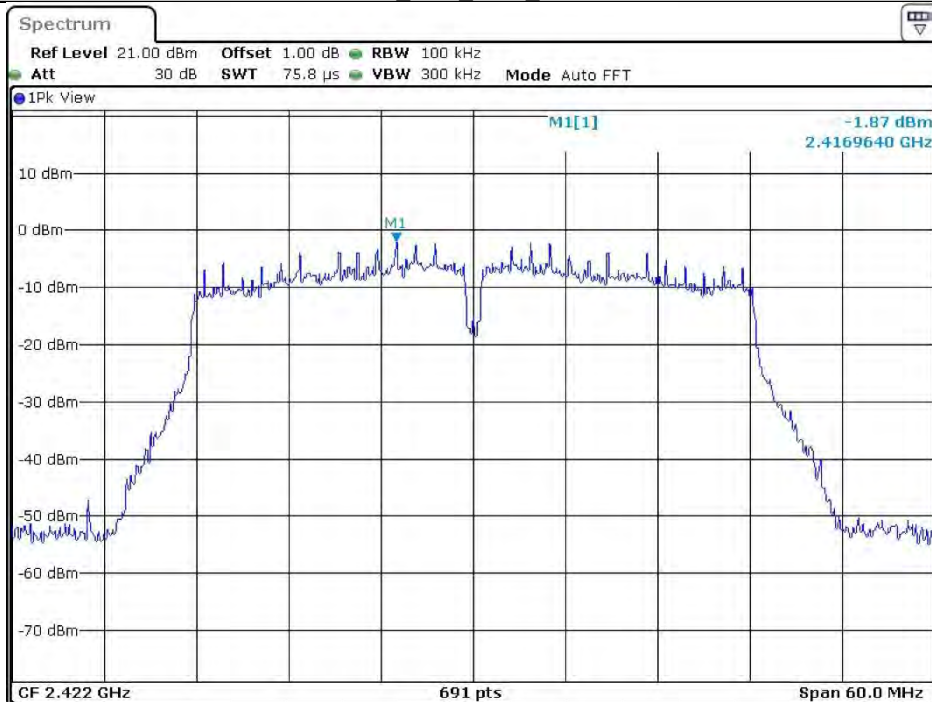
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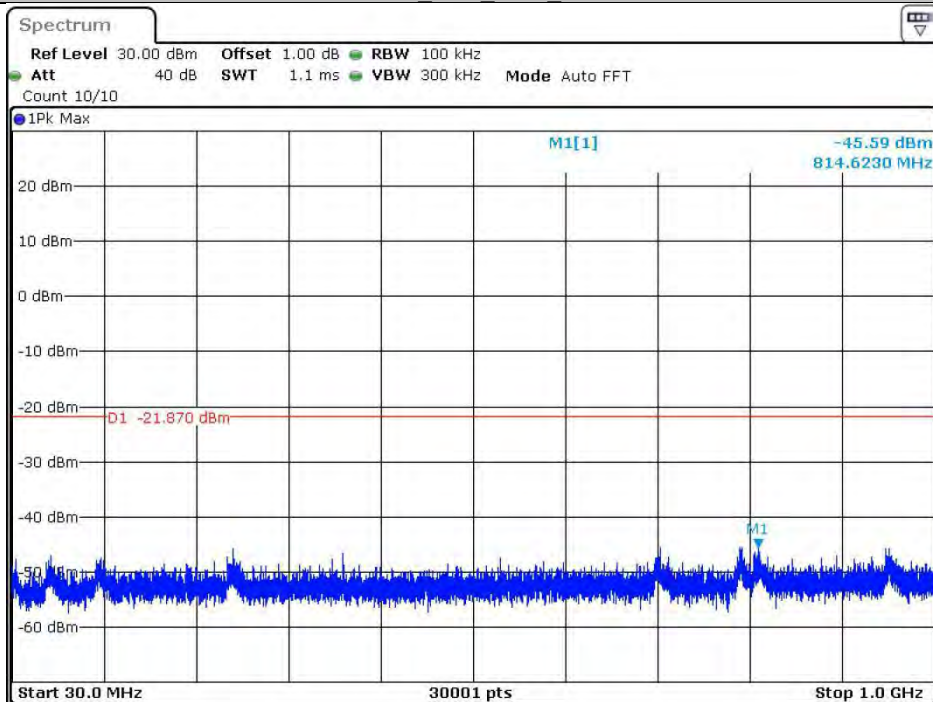
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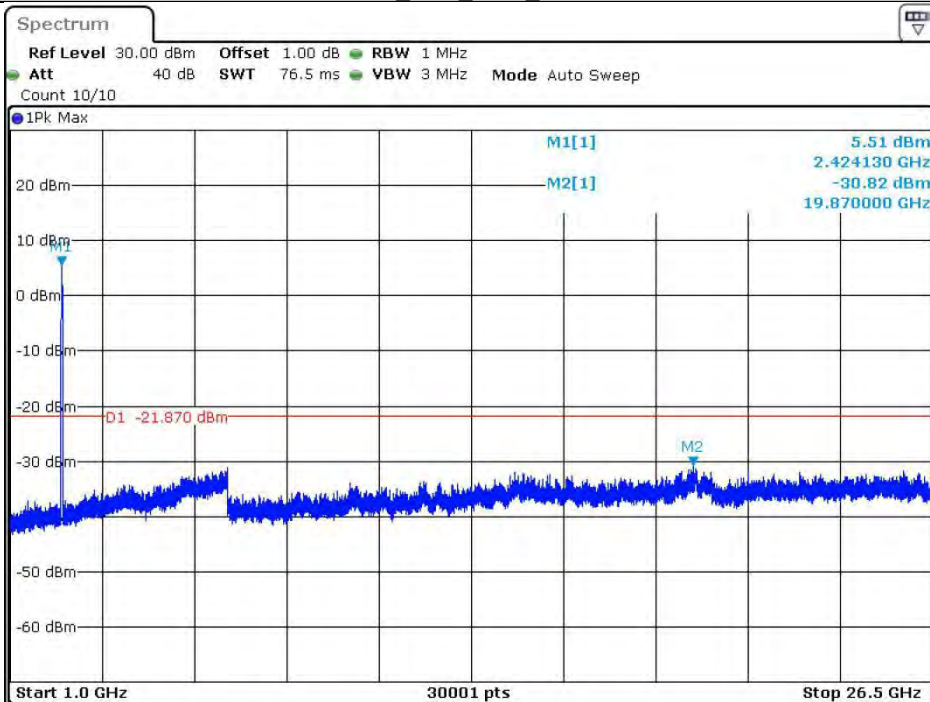
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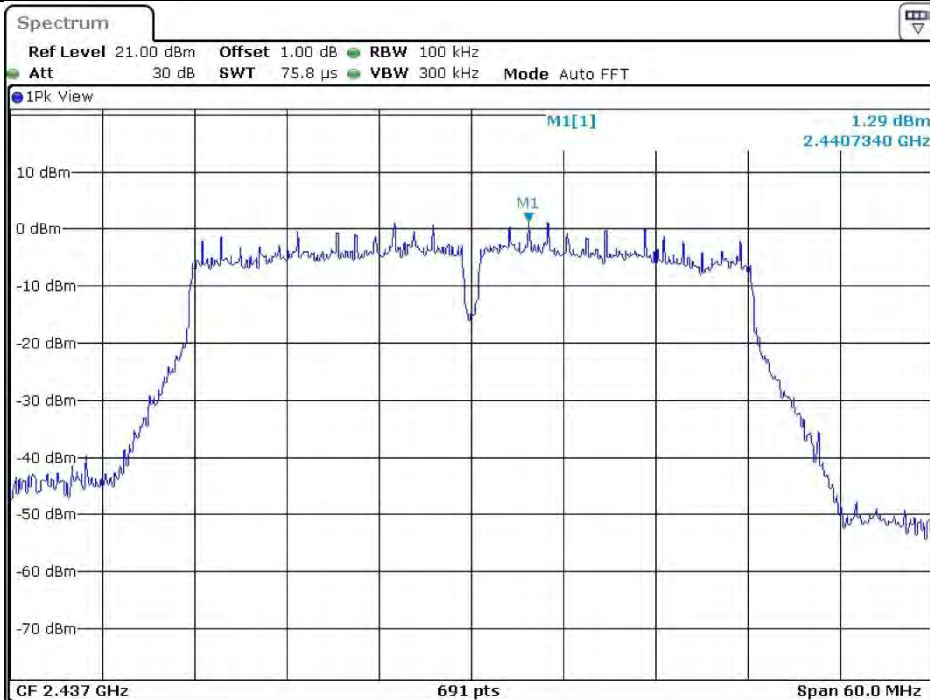
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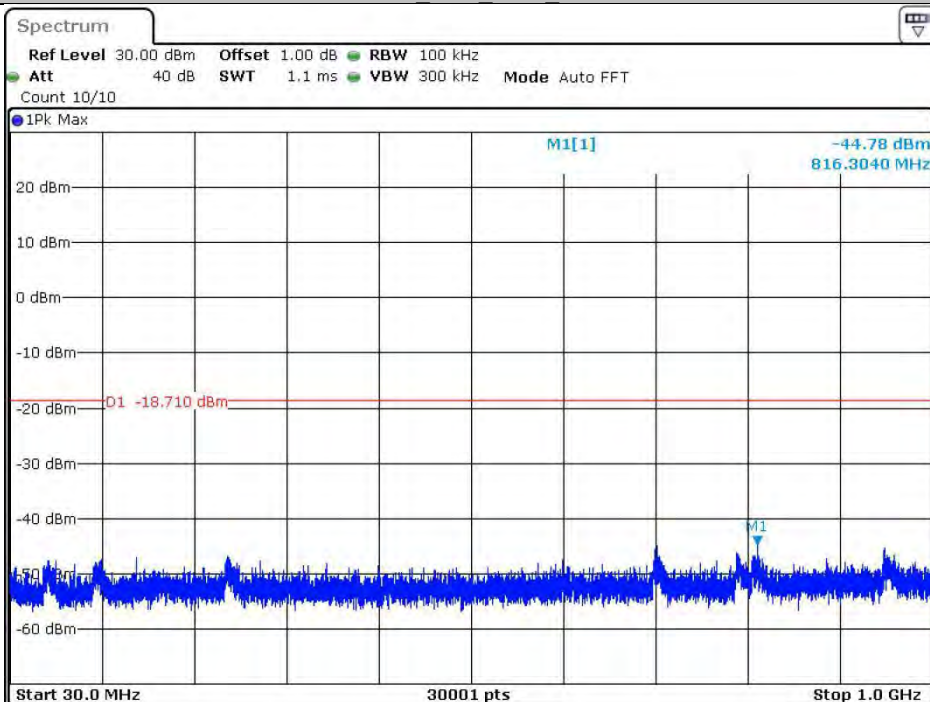
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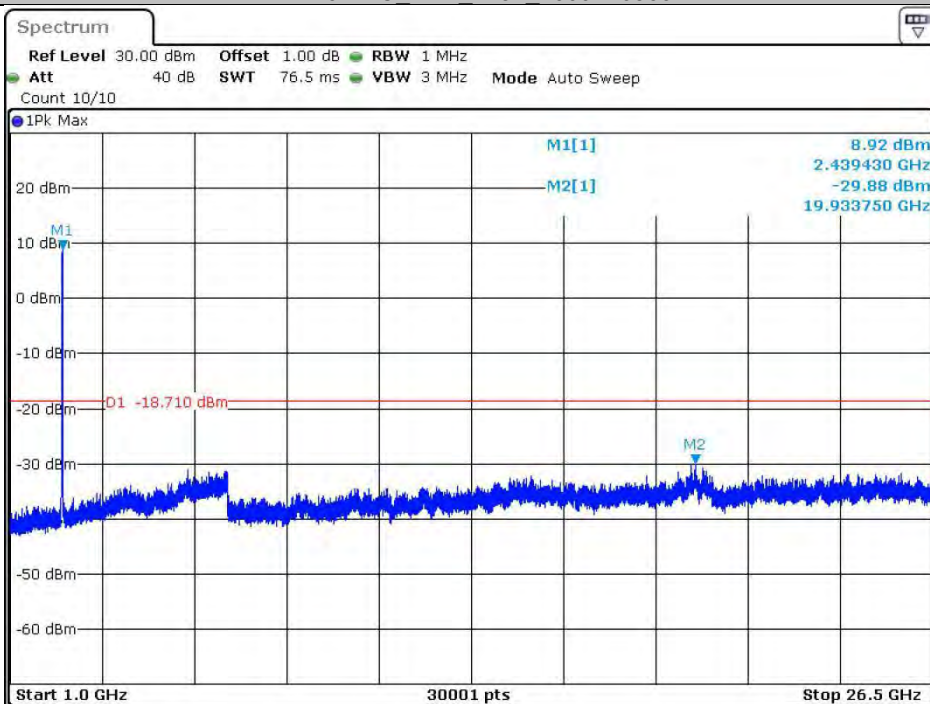
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Date: 31.JAN.2021 11:23:38

11N40SISO Ant1 2437 1000~26500



Date: 31.JAN.2021 11:24:00



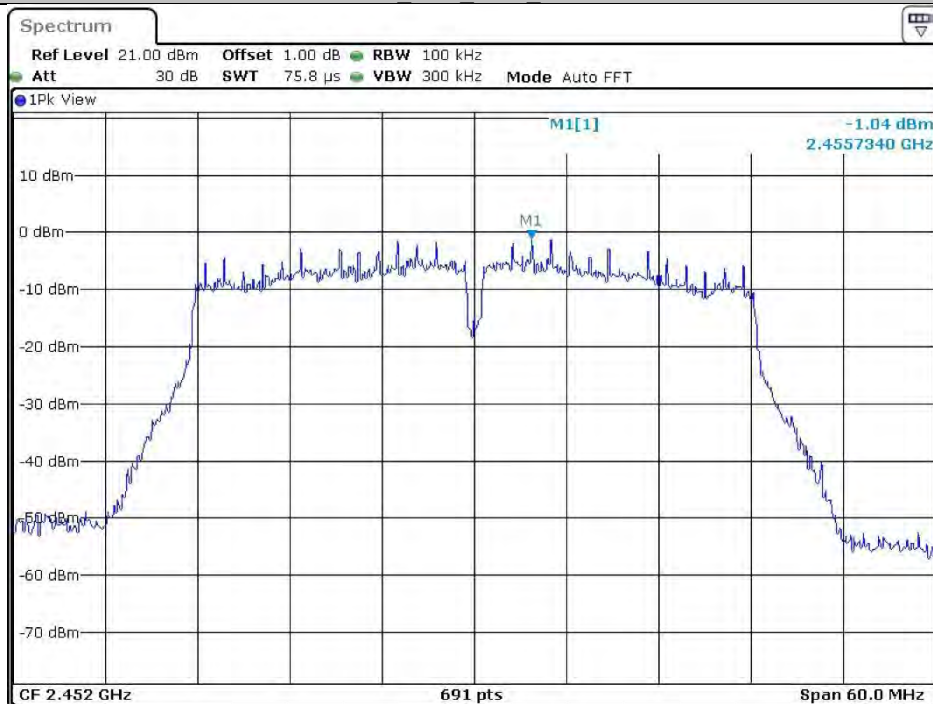
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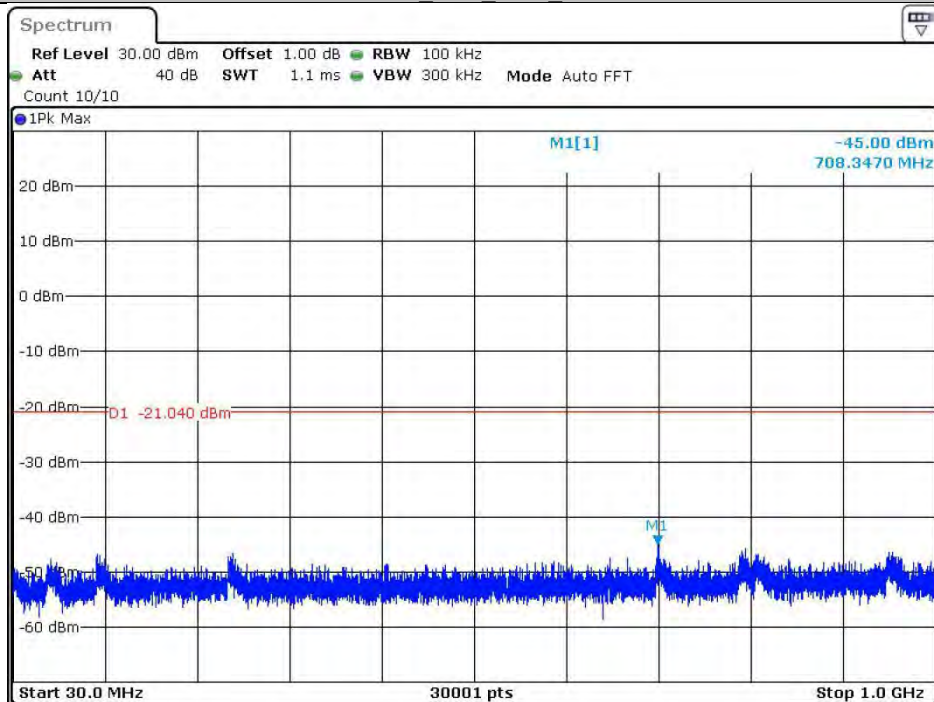
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11N40SISO Ant1 2452 0~Reference



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11N40SISO Ant1 2452 30~1000



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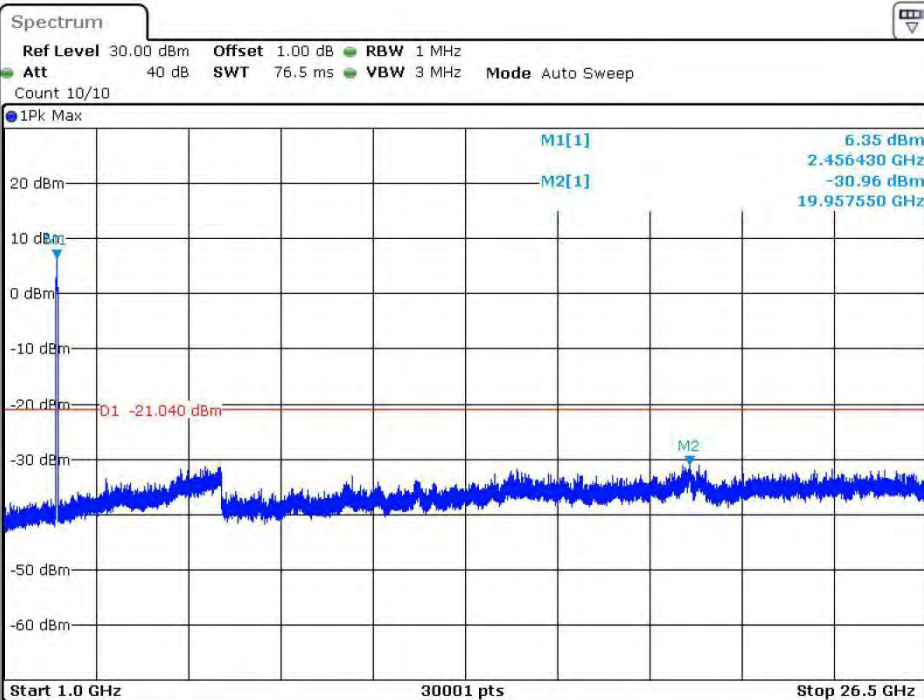
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Duty Cycle Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11B	Ant1	2412	12.39	12.56	98.65	---	PASS
		2437	12.39	12.56	98.65	---	PASS
		2462	12.39	12.56	98.65	---	PASS
11G	Ant1	2412	2.05	2.09	98.09	---	PASS
		2437	2.05	2.09	98.09	---	PASS
		2462	2.05	2.09	98.09	---	PASS
11N20SISO	Ant1	2412	1.91	1.95	97.95	---	PASS
		2437	1.91	1.95	97.95	---	PASS
		2462	1.91	1.95	97.95	---	PASS
11N40SISO	Ant1	2422	0.94	0.99	94.95	---	PASS
		2437	0.94	0.99	94.95	---	PASS
		2452	0.94	0.99	94.95	---	PASS



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