

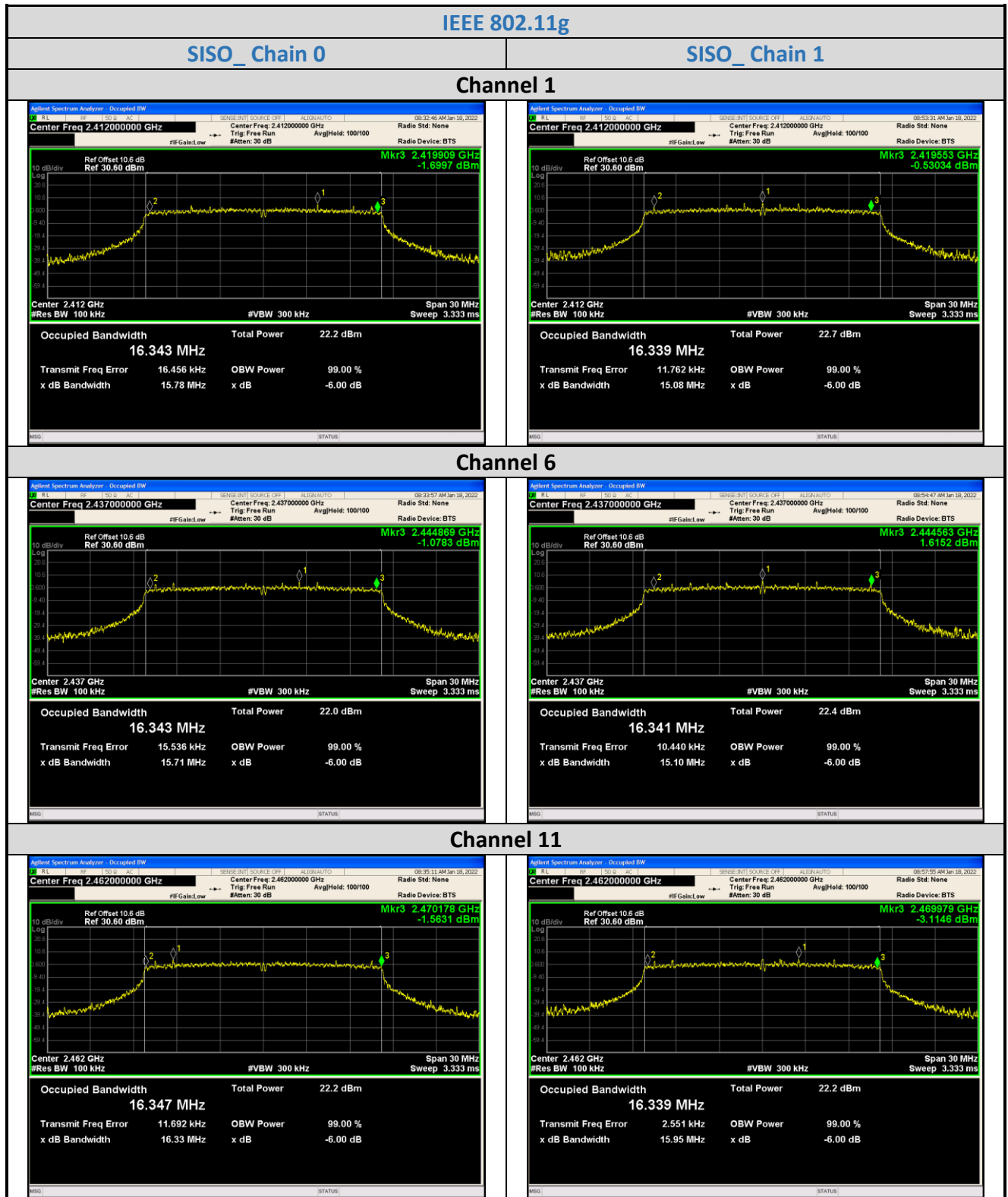
Appendix A

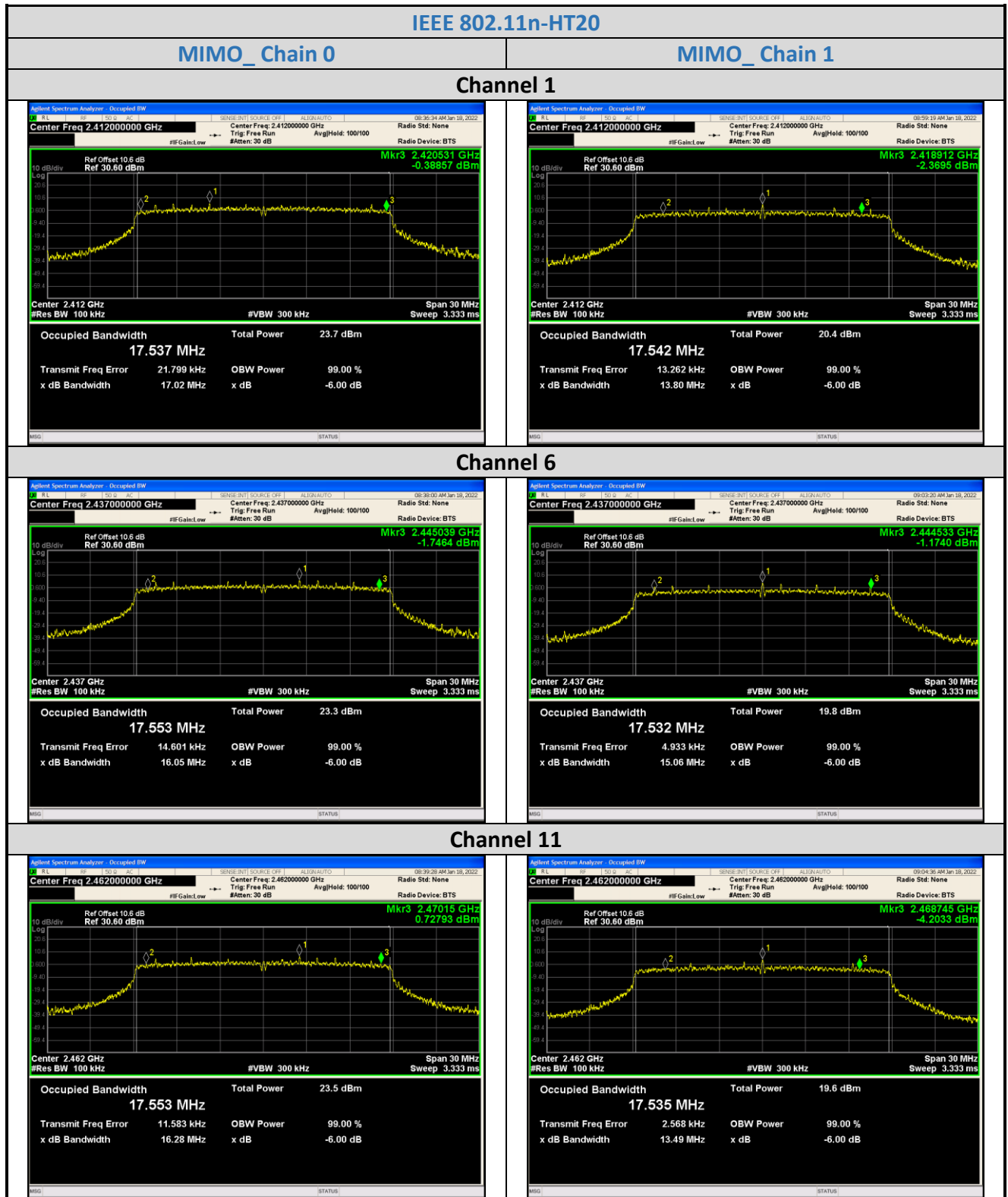
Test Results of Minimum 6dB bandwidth:

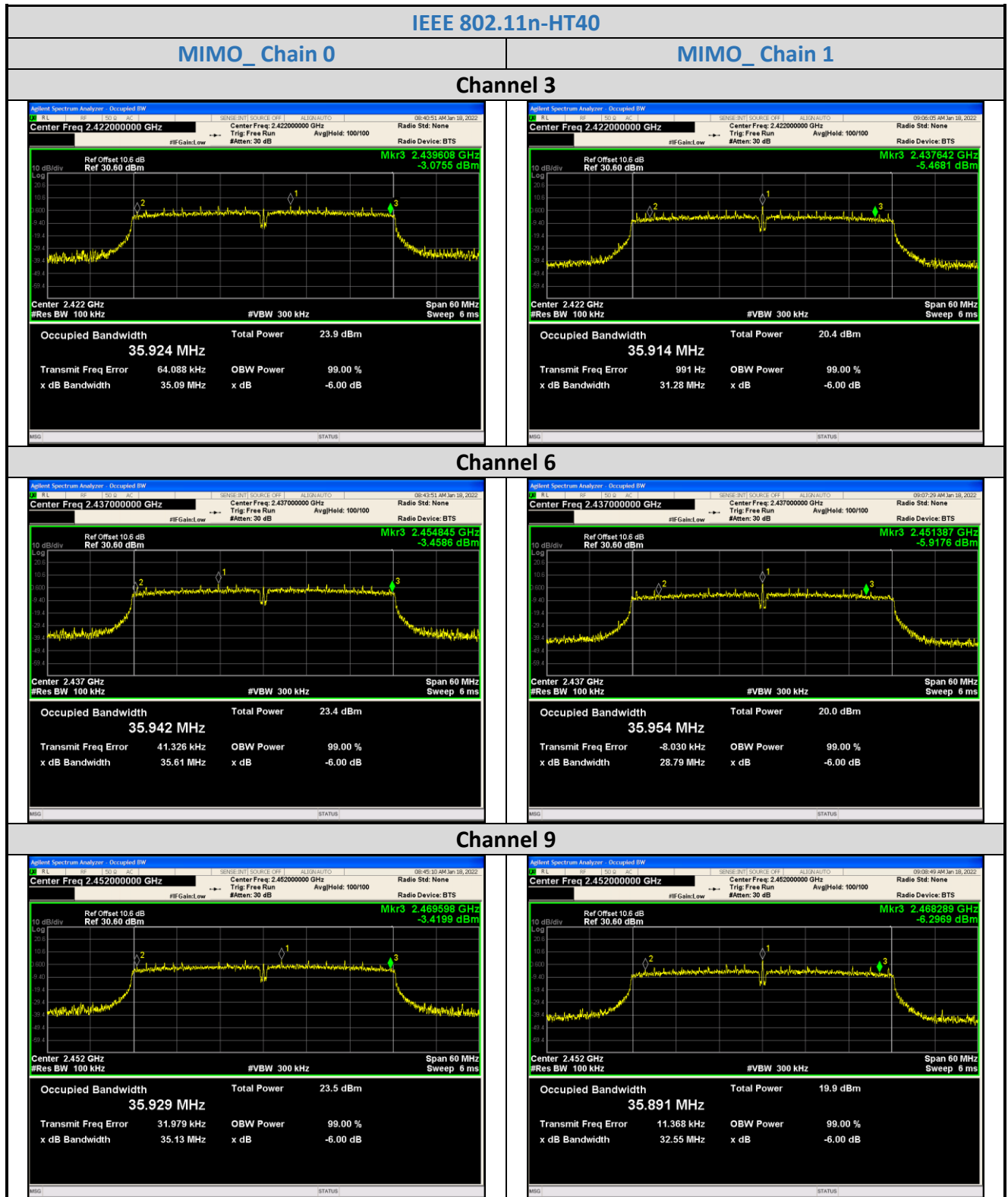
Mode	Channel/ Frequency (MHz)	6 dB Bandwidth (MHz)	6 dB Bandwidth Limit	Pass / Fail
Chain 0				
IEEE 802.11b	1(2412)	10.051	> 500 kHz	Pass
	6(2437)	10.036	> 500 kHz	Pass
	11(2462)	10.102	> 500 kHz	Pass
IEEE 802.11g	1(2412)	15.785	> 500 kHz	Pass
	6(2437)	15.706	> 500 kHz	Pass
	11(2462)	16.333	> 500 kHz	Pass
IEEE 802.11n- HT20	1(2412)	17.019	> 500 kHz	Pass
	6(2437)	16.049	> 500 kHz	Pass
	11(2462)	16.276	> 500 kHz	Pass
IEEE 802.11n- HT40	3(2422)	35.088	> 500 kHz	Pass
	6(2437)	35.607	> 500 kHz	Pass
	9(2452)	35.133	> 500 kHz	Pass
Chain 1				
IEEE 802.11b	1(2412)	10.101	> 500 kHz	Pass
	6(2437)	10.053	> 500 kHz	Pass
	11(2462)	10.097	> 500 kHz	Pass
IEEE 802.11g	1(2412)	15.083	> 500 kHz	Pass
	6(2437)	15.104	> 500 kHz	Pass
	11(2462)	15.952	> 500 kHz	Pass
IEEE 802.11n- HT20	1(2412)	13.797	> 500 kHz	Pass
	6(2437)	15.057	> 500 kHz	Pass
	11(2462)	13.485	> 500 kHz	Pass
IEEE 802.11n- HT40	3(2422)	31.283	> 500 kHz	Pass
	6(2437)	28.791	> 500 kHz	Pass
	9(2452)	32.555	> 500 kHz	Pass

The test plots as follows:









Appendix B

Test Results of Maximum conducted output power

Test Mode	Antenna	Channel (MHZ)	Power [dBm]	Limit [dBm]	Verdict
IEEE 802.11b	ANT0	2412	19.14	29.83	PASS
	ANT1	2412	19.33	30	PASS
	ANT0	2437	18.97	29.83	PASS
	ANT1	2437	19.05	30	PASS
	ANT0	2462	19.62	29.83	PASS
	ANT1	2462	18.82	30	PASS
IEEE 802.11g	ANT0	2412	25.87	29.83	PASS
	ANT1	2412	26.04	30	PASS
	ANT0	2437	25.31	29.83	PASS
	ANT1	2437	25.78	30	PASS
	ANT0	2462	25.46	29.83	PASS
	ANT1	2462	25.51	30	PASS
IEEE 802.11n-HT20	ANT0	2412	25.15	27.31	PASS
	ANT1	2412	23.01	27.31	PASS
	total	2412	27.22	27.31	PASS
	ANT0	2437	25.02	27.31	PASS
	ANT1	2437	22.46	27.31	PASS
	total	2437	26.94	27.31	PASS
	ANT0	2462	25.11	27.31	PASS
	ANT1	2462	21.88	27.31	PASS
	total	2462	26.80	27.31	PASS
IEEE 802.11n-HT40	ANT0	2422	25.13	27.31	PASS
	ANT1	2422	22.89	27.31	PASS
	total	2422	27.16	27.31	PASS
	ANT0	2437	24.92	27.31	PASS
	ANT1	2437	23.17	27.31	PASS
	total	2437	27.14	27.31	PASS
	ANT0	2452	25.27	27.31	PASS
	ANT1	2452	22.83	27.31	PASS
	total	2452	27.23	27.31	PASS

Remark:

1. Total (Chain 0+1) = $10 \cdot \log[(10^{\text{Chain 0}/10}) + (10^{\text{Chain 1}/10})]$

TEST REPORT

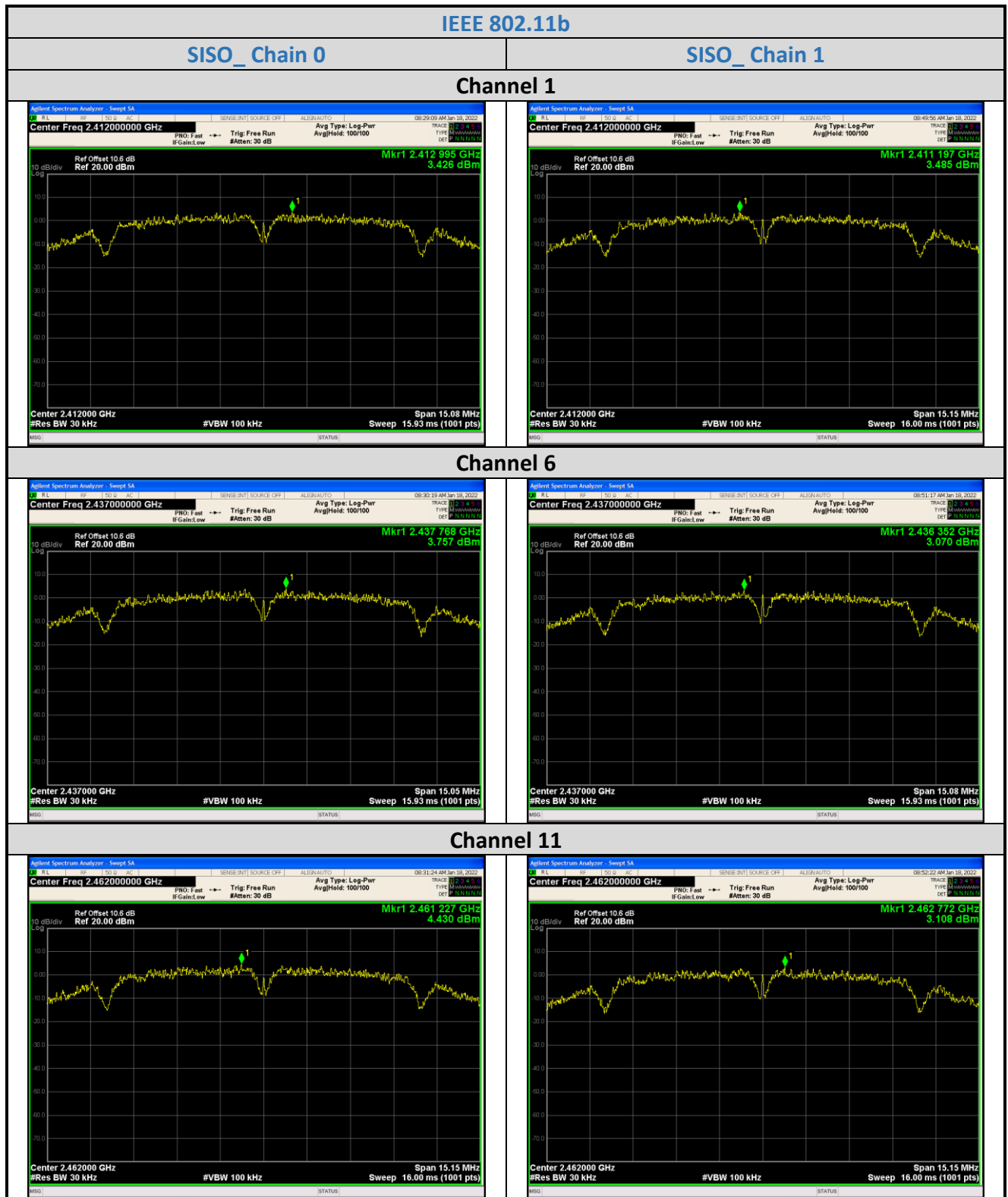
Appendix C

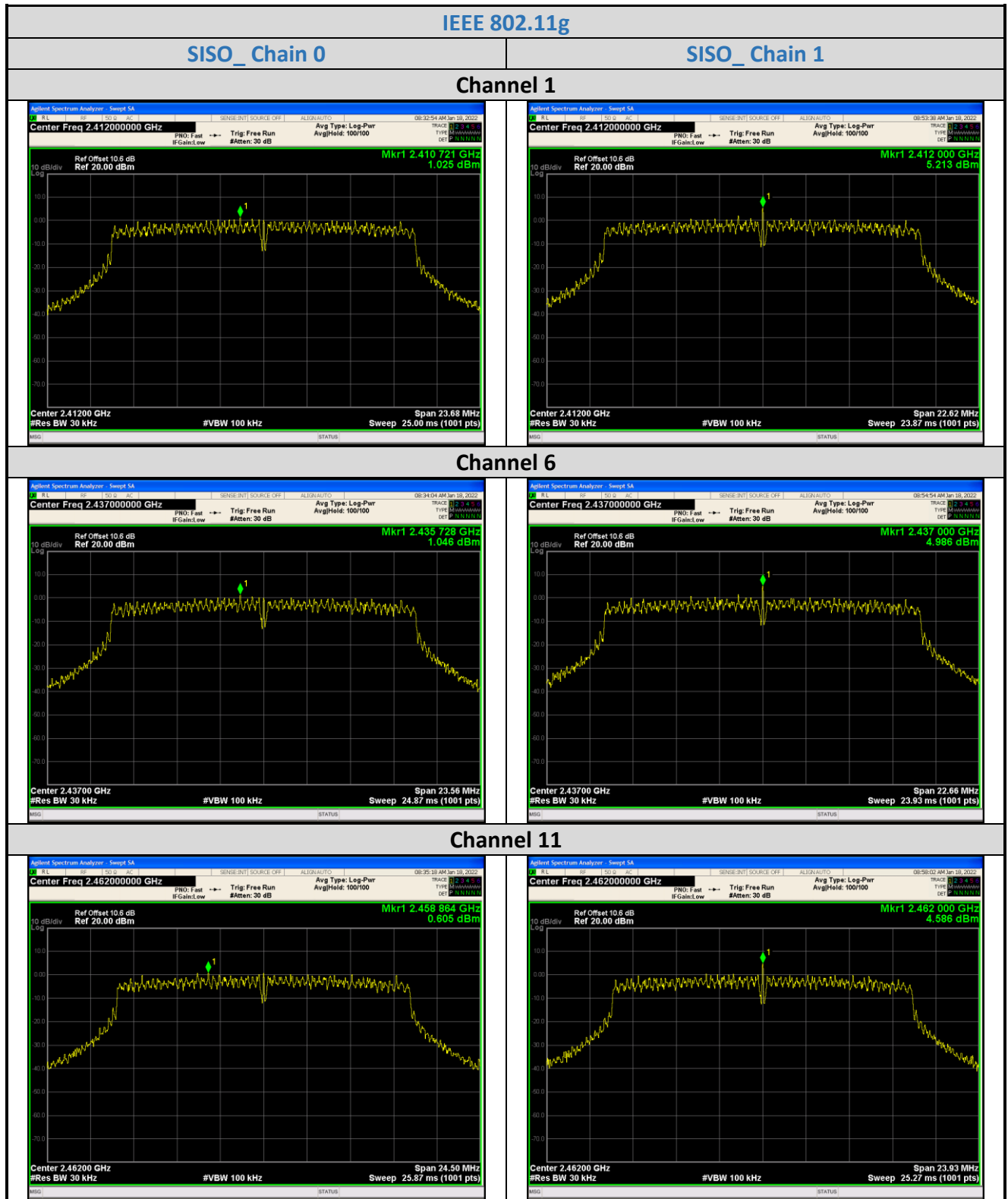
Test Results of Power spectrum density

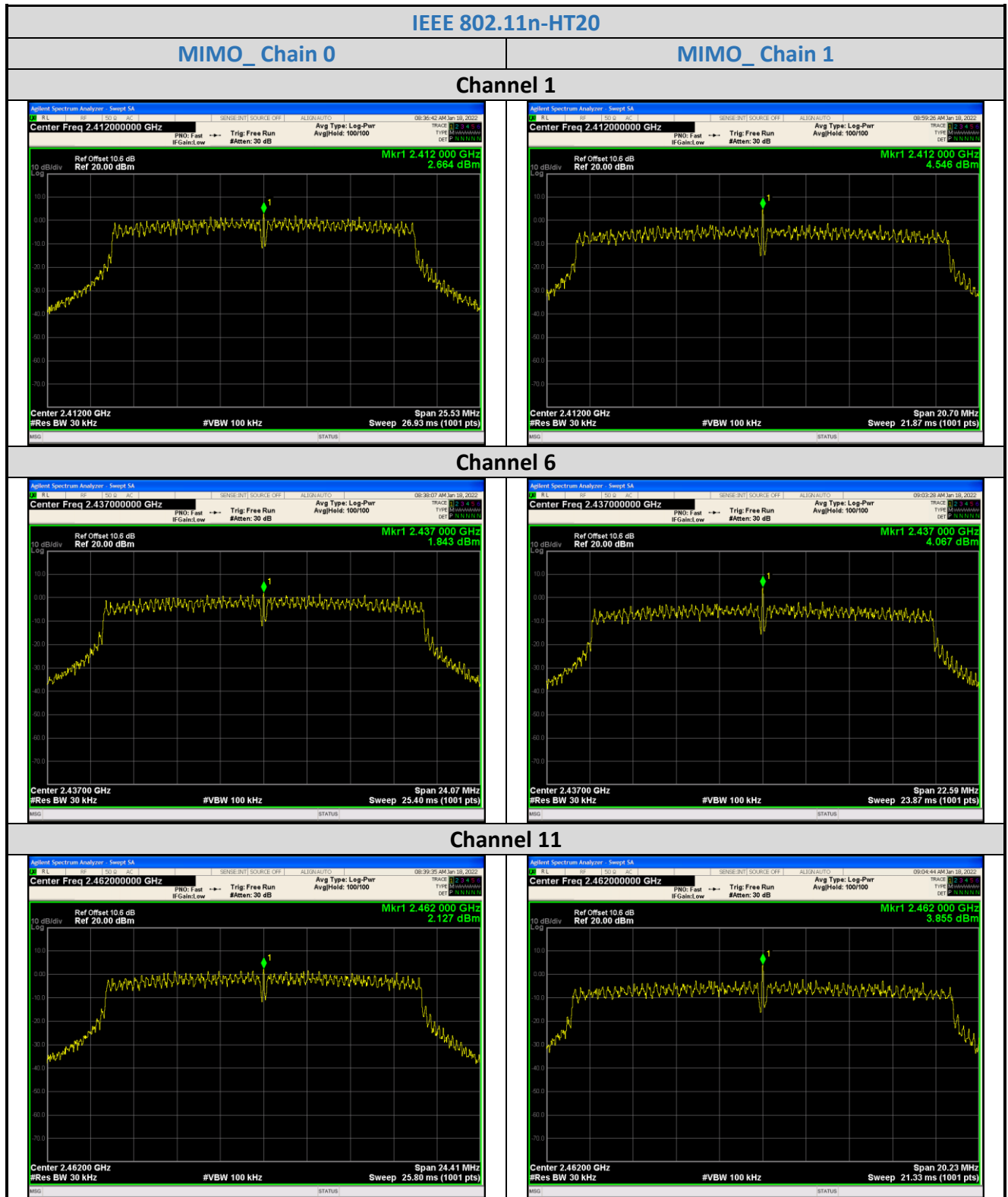
Test Mode	Antenna	Channel	Result[dBm /30kHz]	Result[dBm /3kHz]	Limit[dBm /3kHz]	Verdict
IEEE 802.11b	ANT0	2412	3.426	-6.574	≤7.83	PASS
	ANT1	2412	3.485	-6.515	≤8	PASS
	ANT0	2437	3.757	-6.243	≤7.83	PASS
	ANT1	2437	3.070	-6.93	≤8	PASS
	ANT0	2462	4.430	-5.57	≤7.83	PASS
	ANT1	2462	3.108	-6.892	≤8	PASS
IEEE 802.11g	ANT0	2412	1.105	-8.895	≤7.83	PASS
	ANT1	2412	5.231	-4.769	≤8	PASS
	ANT0	2437	1.046	-8.954	≤7.83	PASS
	ANT1	2437	4.986	-5.014	≤8	PASS
	ANT0	2462	0.605	-9.395	≤7.83	PASS
	ANT1	2462	4.586	-5.414	≤8	PASS
IEEE 802.11n-HT20	ANT0	2412	2.664	-7.336	≤5.31	PASS
	ANT1	2412	4.546	-5.454	≤5.31	PASS
	total	2412	6.716	-3.284	≤5.31	PASS
	ANT0	2437	1.843	-8.157	≤5.31	PASS
	ANT1	2437	4.067	-5.933	≤5.31	PASS
	total	2437	6.106	-3.894	≤5.31	PASS
	ANT0	2462	2.127	-7.873	≤5.31	PASS
	ANT1	2462	3.855	-6.145	≤5.31	PASS
	total	2462	6.087	-3.913	≤5.31	PASS
IEEE 802.11n-HT40	ANT0	2422	1.5	-8.5	≤5.31	PASS
	ANT1	2422	4.106	-5.894	≤5.31	PASS
	total	2422	6.006	-3.994	≤5.31	PASS
	ANT0	2437	0.964	-9.036	≤5.31	PASS
	ANT1	2437	3.738	-6.262	≤5.31	PASS
	total	2437	5.579	-4.421	≤5.31	PASS
	ANT0	2452	1.143	-8.857	≤5.31	PASS
	ANT1	2452	3.643	-6.357	≤5.31	PASS
	total	2452	5.581	-4.419	≤5.31	PASS

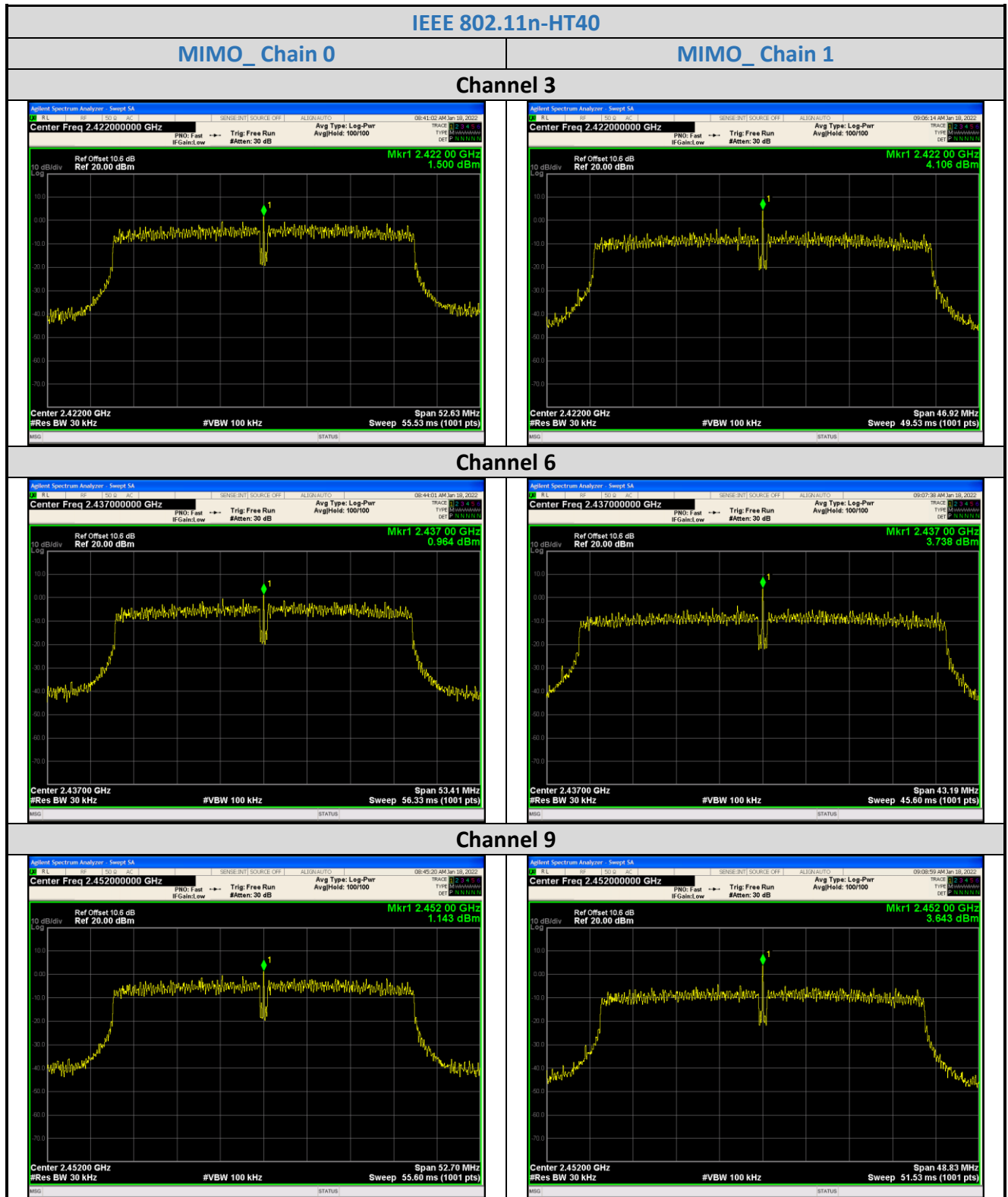
Remark:

1. Total (Chain 0+1) = $10 \cdot \log[(10\text{Chain } 0/10)+(10\text{Chain } 1/10)]$
2. Result[dBm/3kHz]= Result[dBm/30kHz]- $10 \cdot \log_{10}(30/3)$





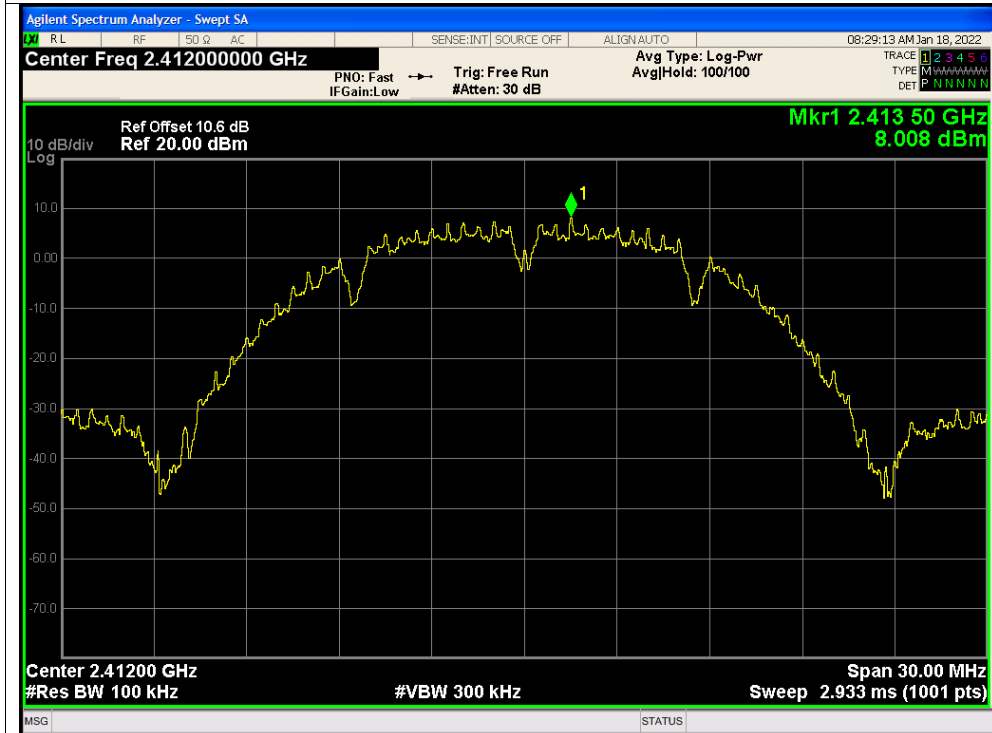




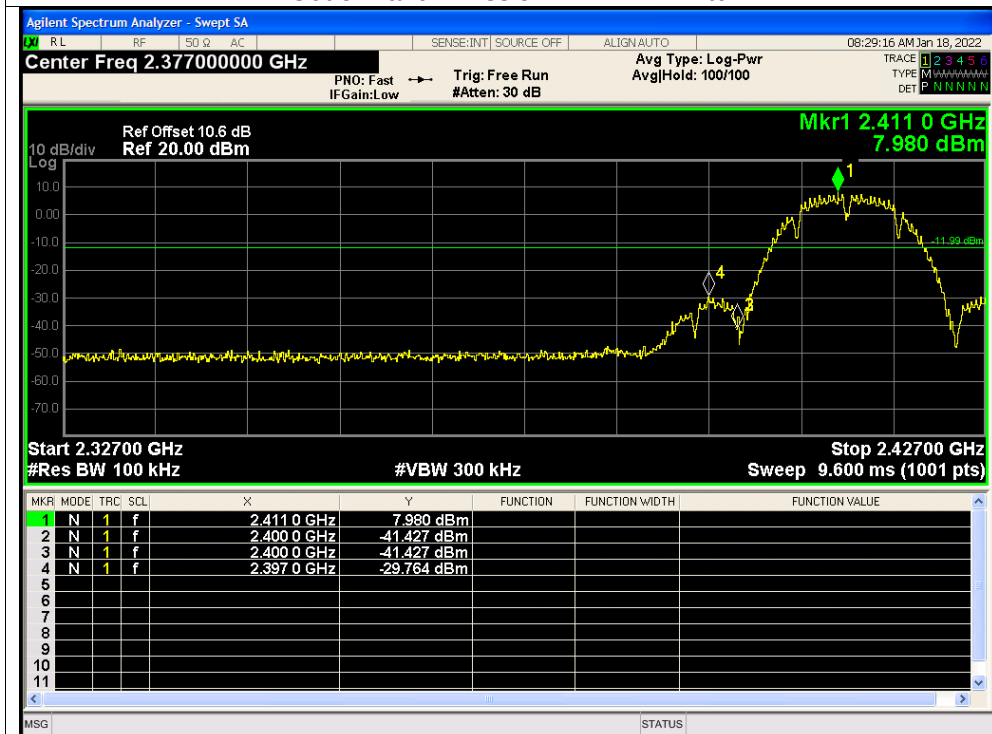
Appendix D

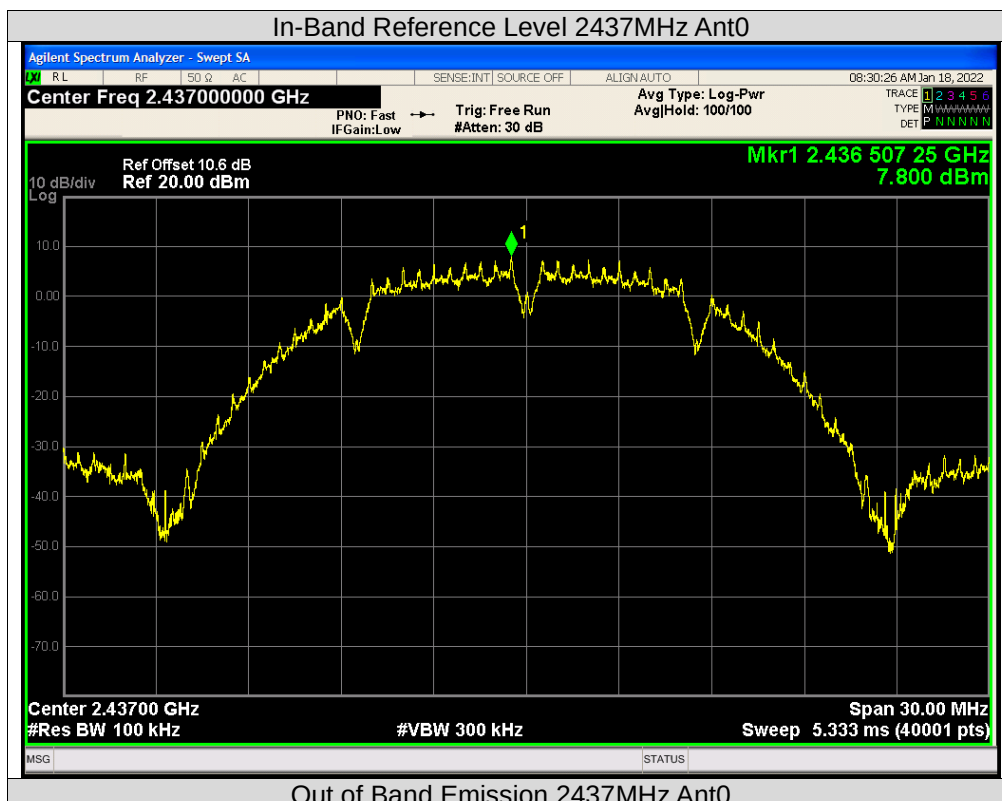
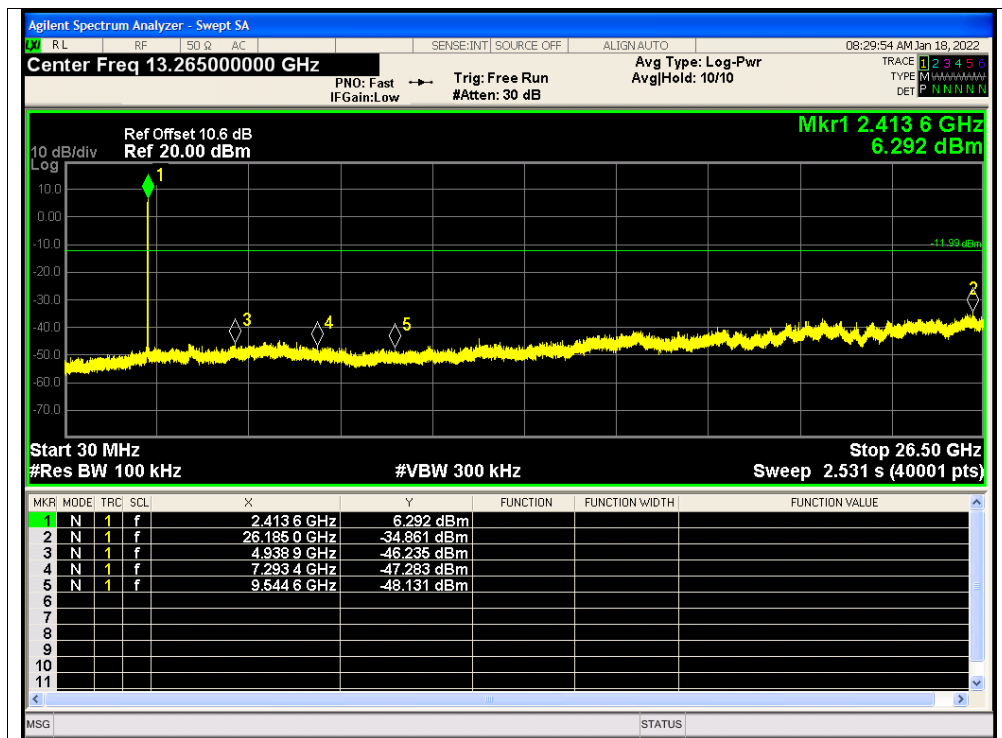
SISO_Chain 0_ IEEE 802.11b

In-Band Reference Level 2412MHz Ant0

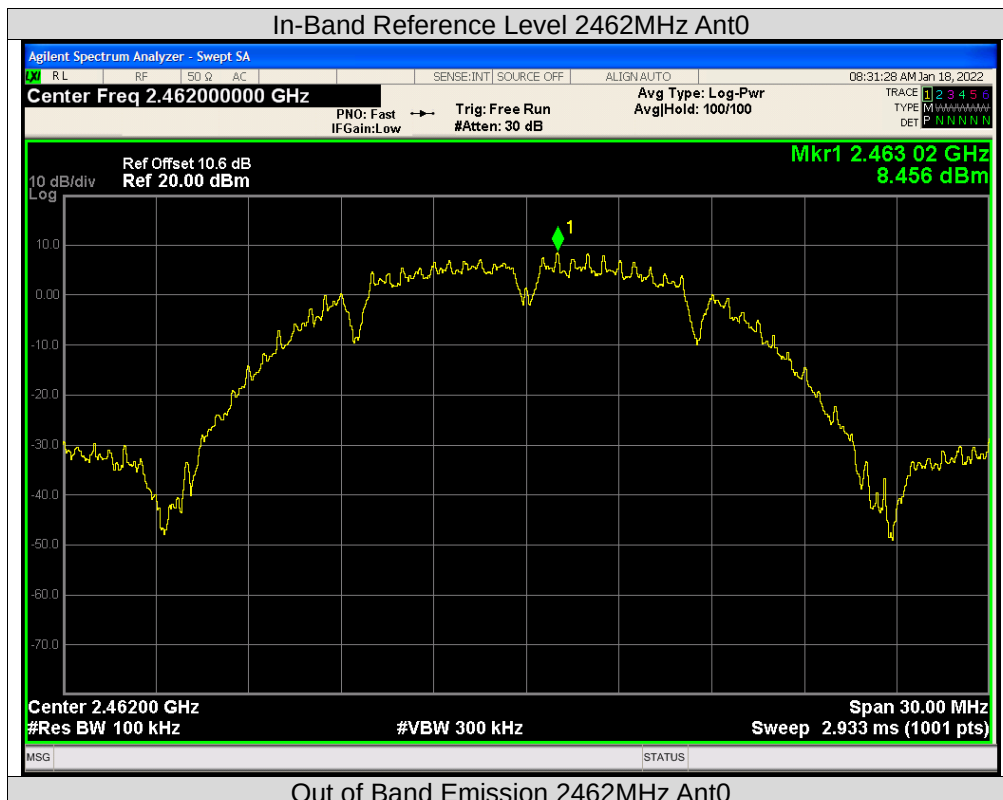
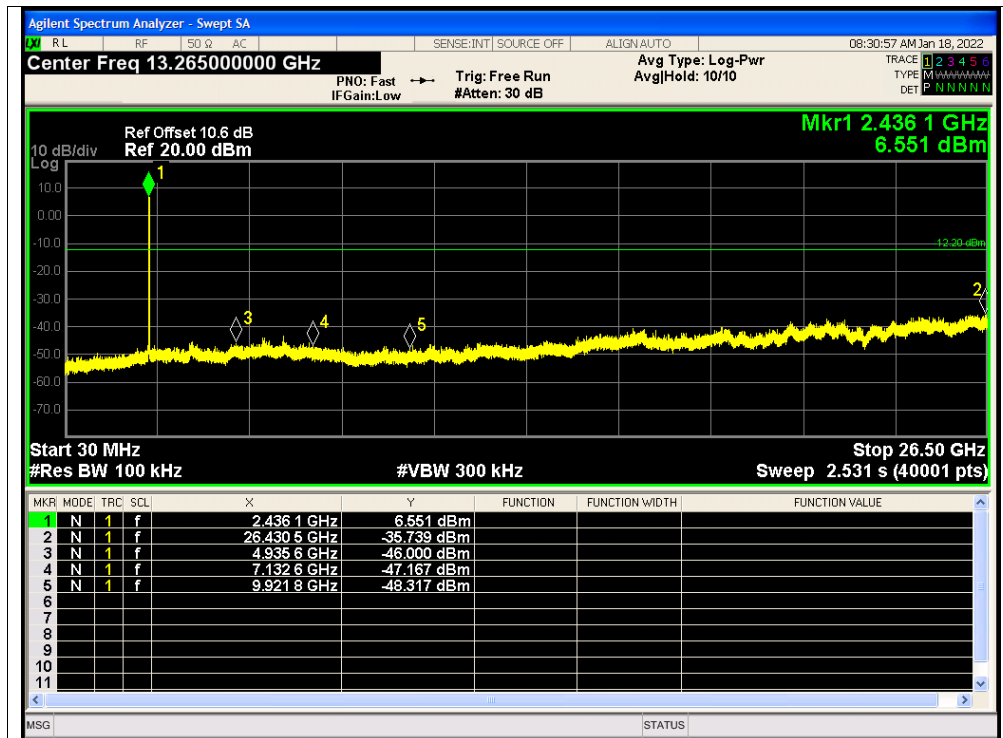


Out of Band Emission 2412MHz Ant0

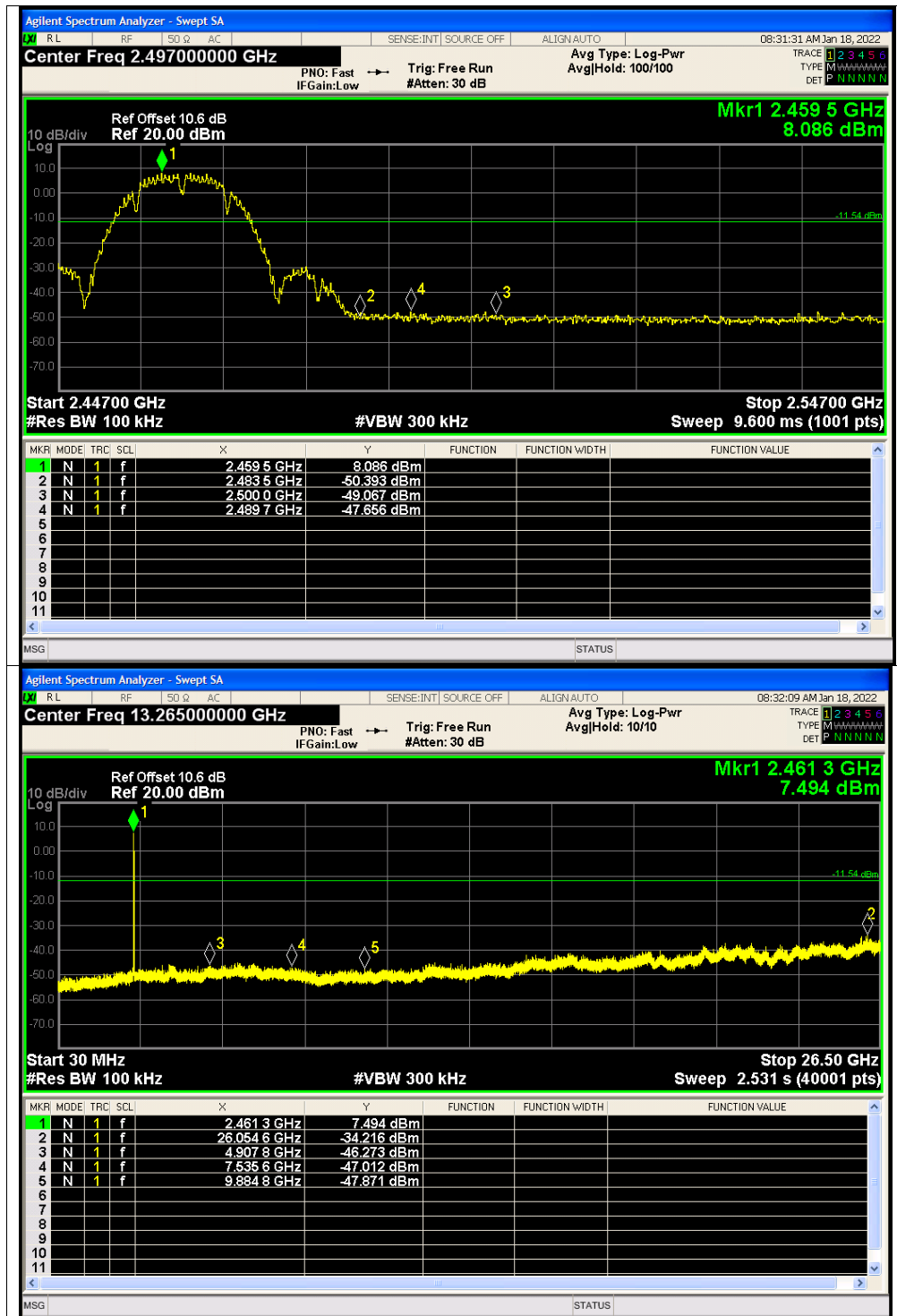




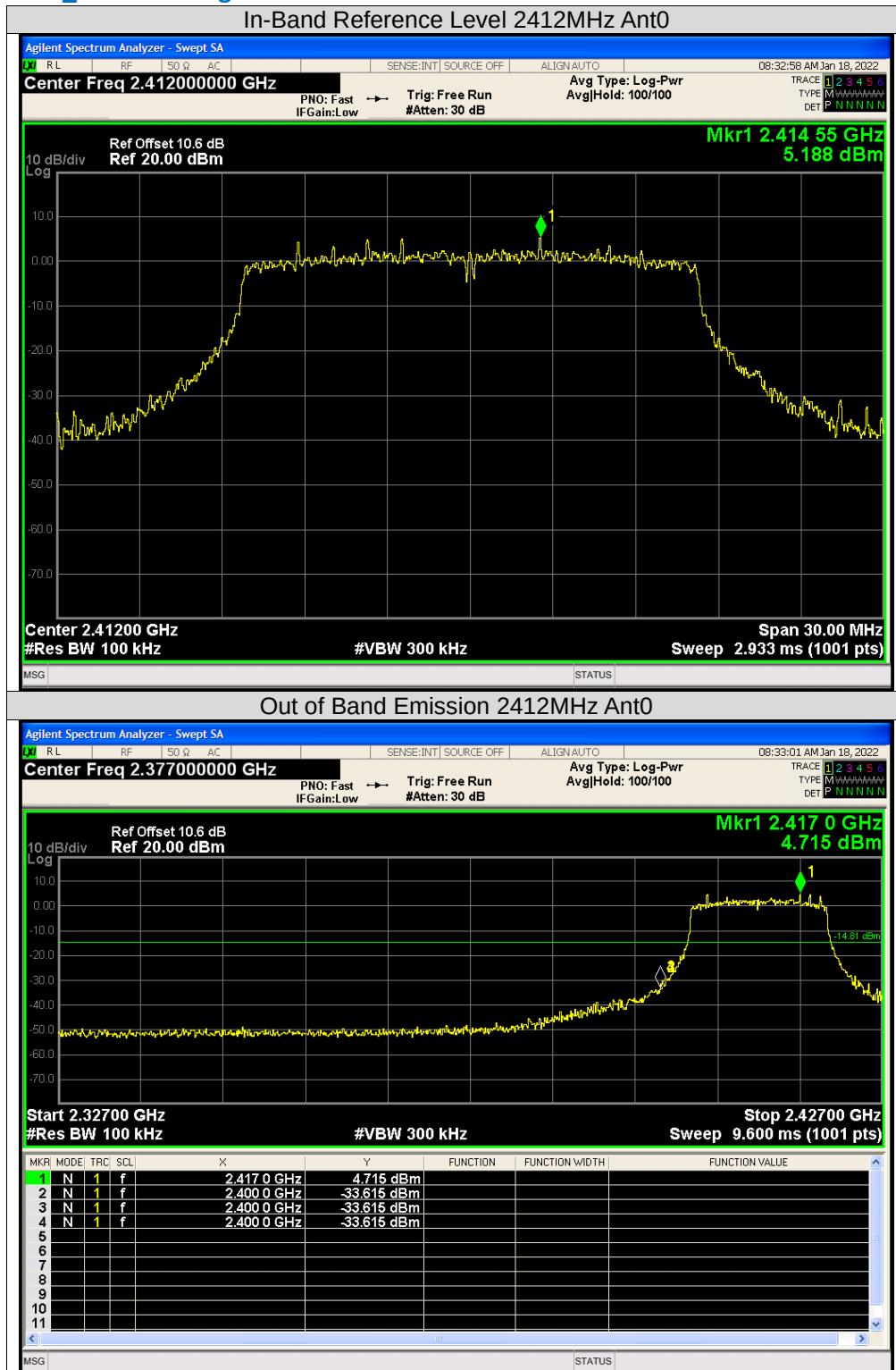
Out of Band Emission 2437MHz Ant0

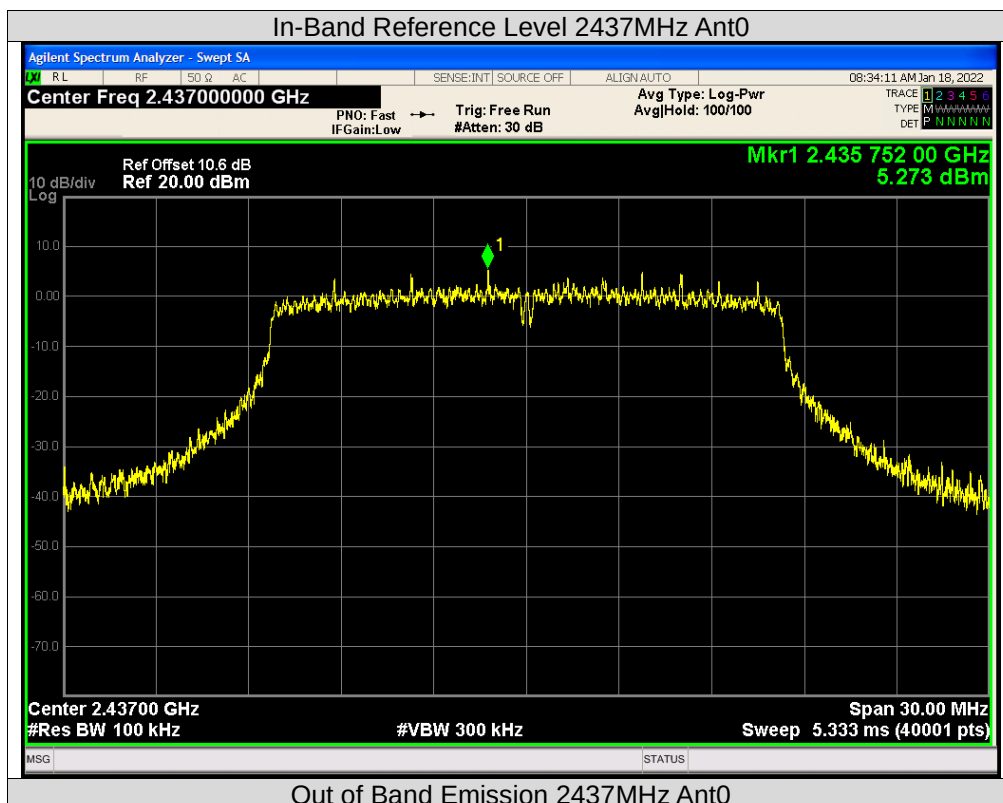
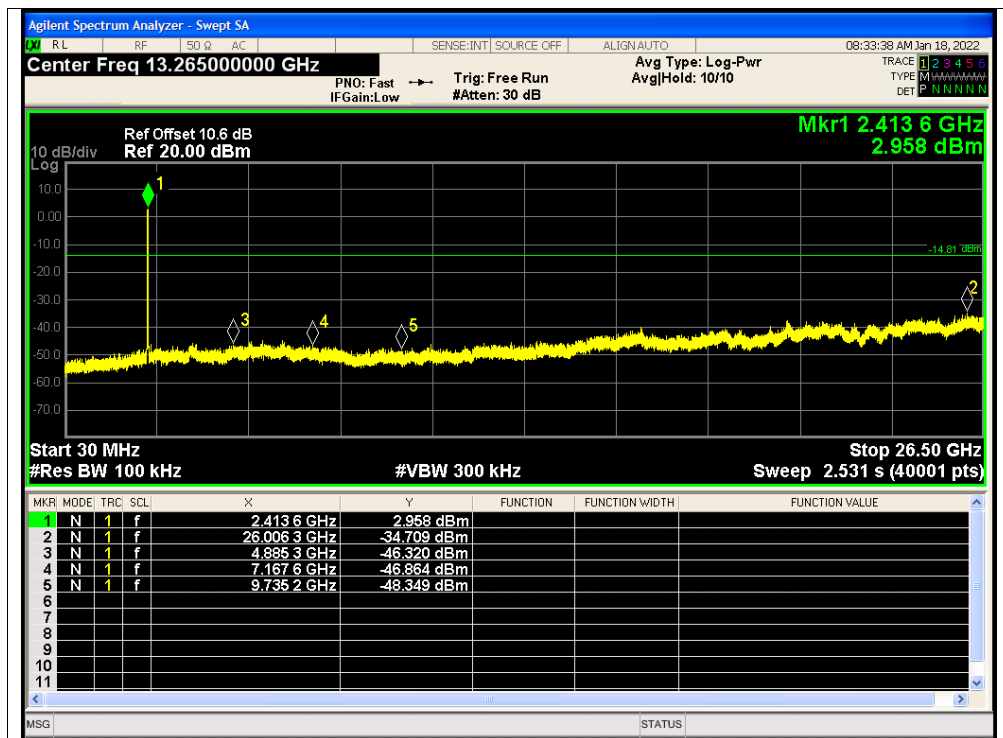


Out of Band Emission 2462MHz Ant0

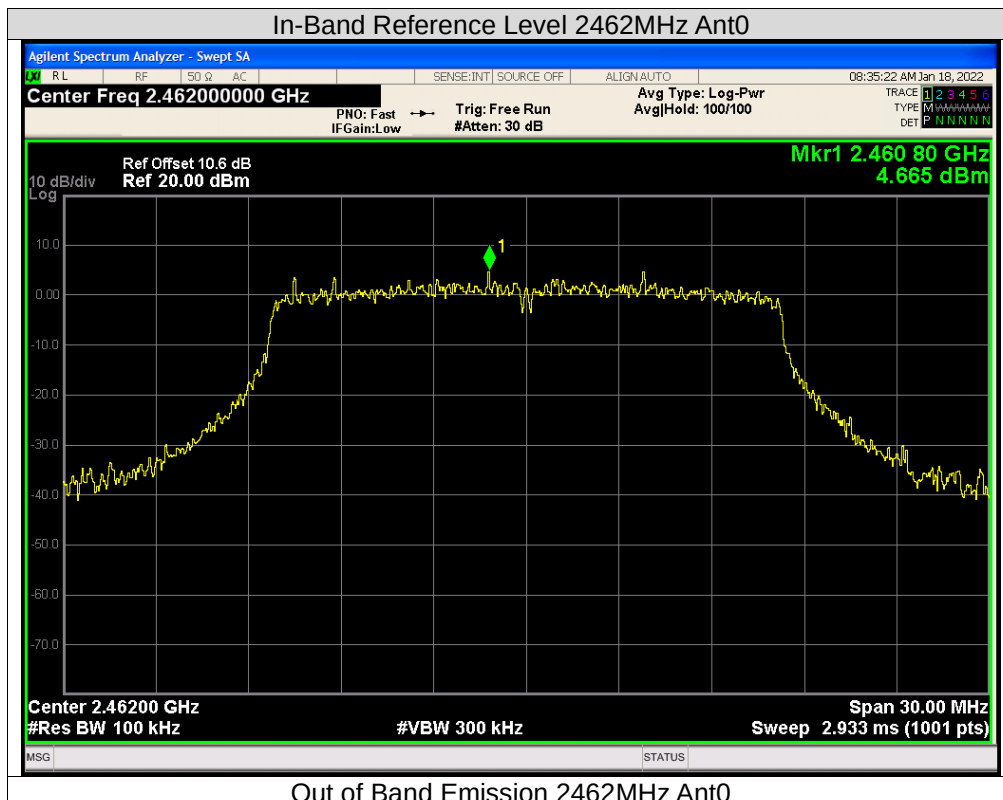
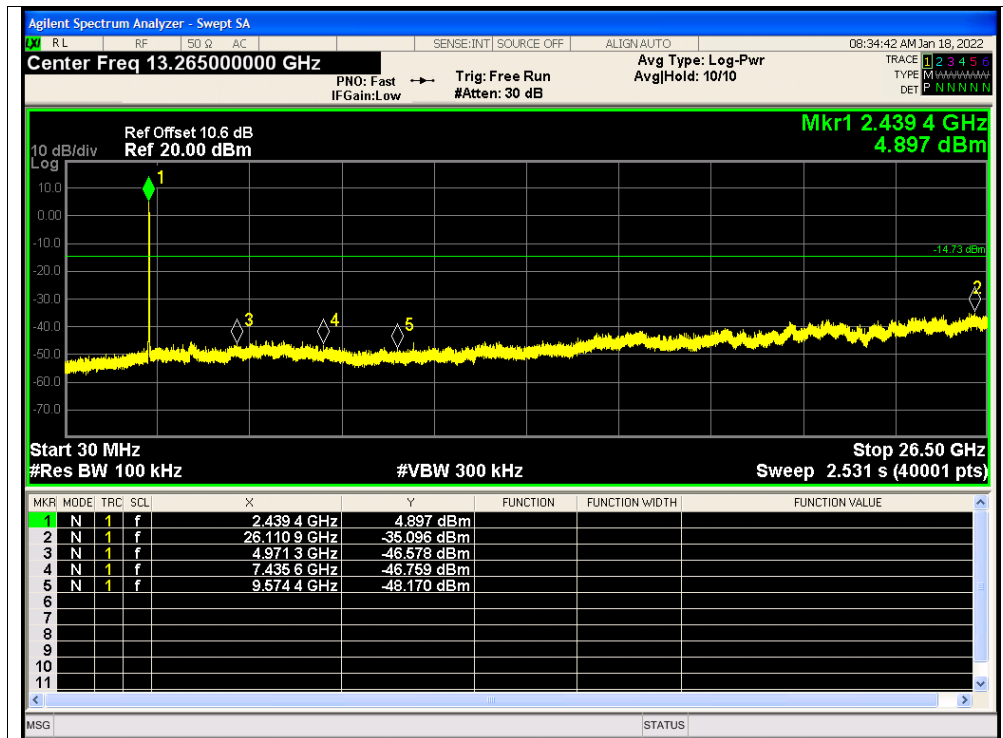


SISO_Chain 0_ IEEE 802.11g

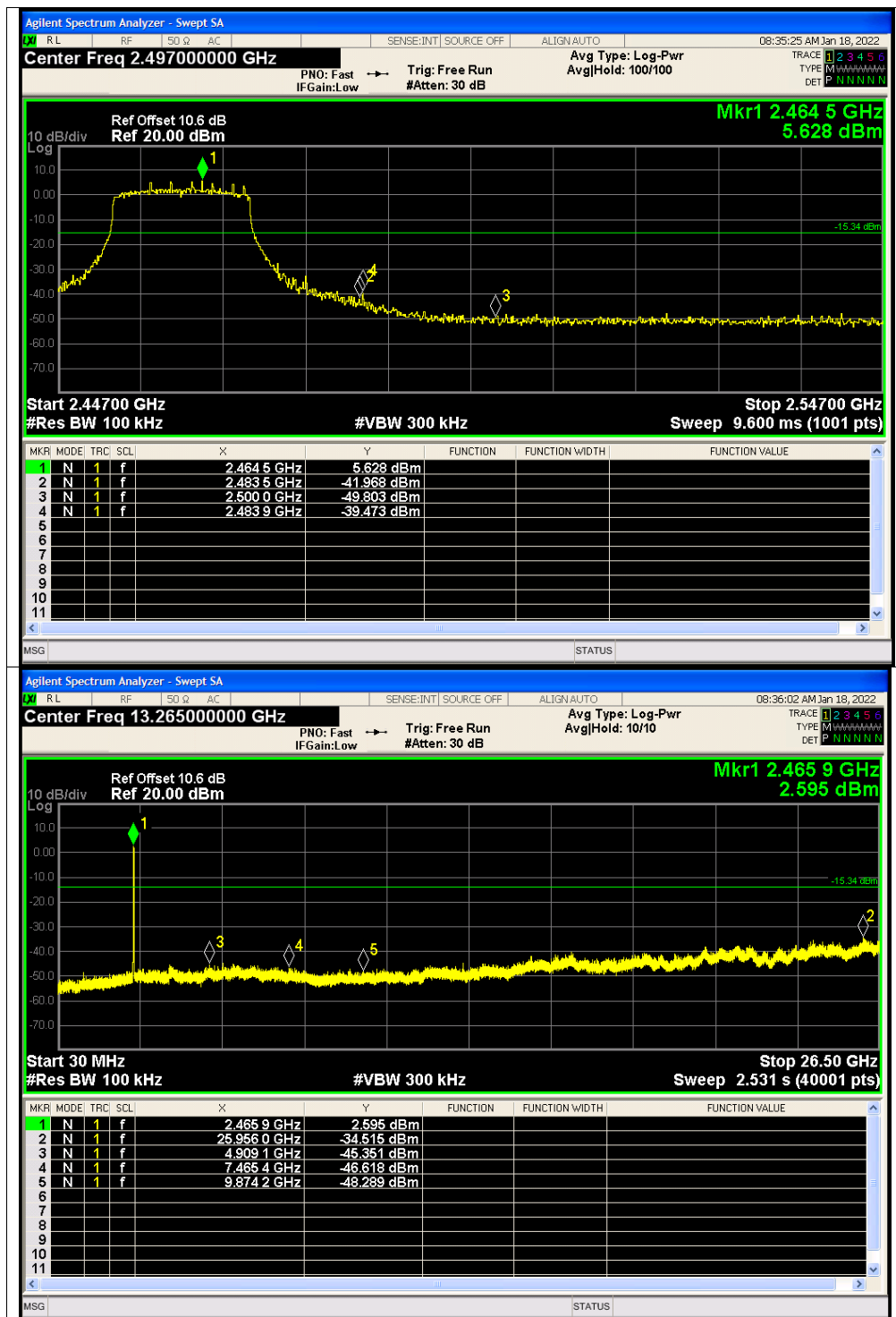




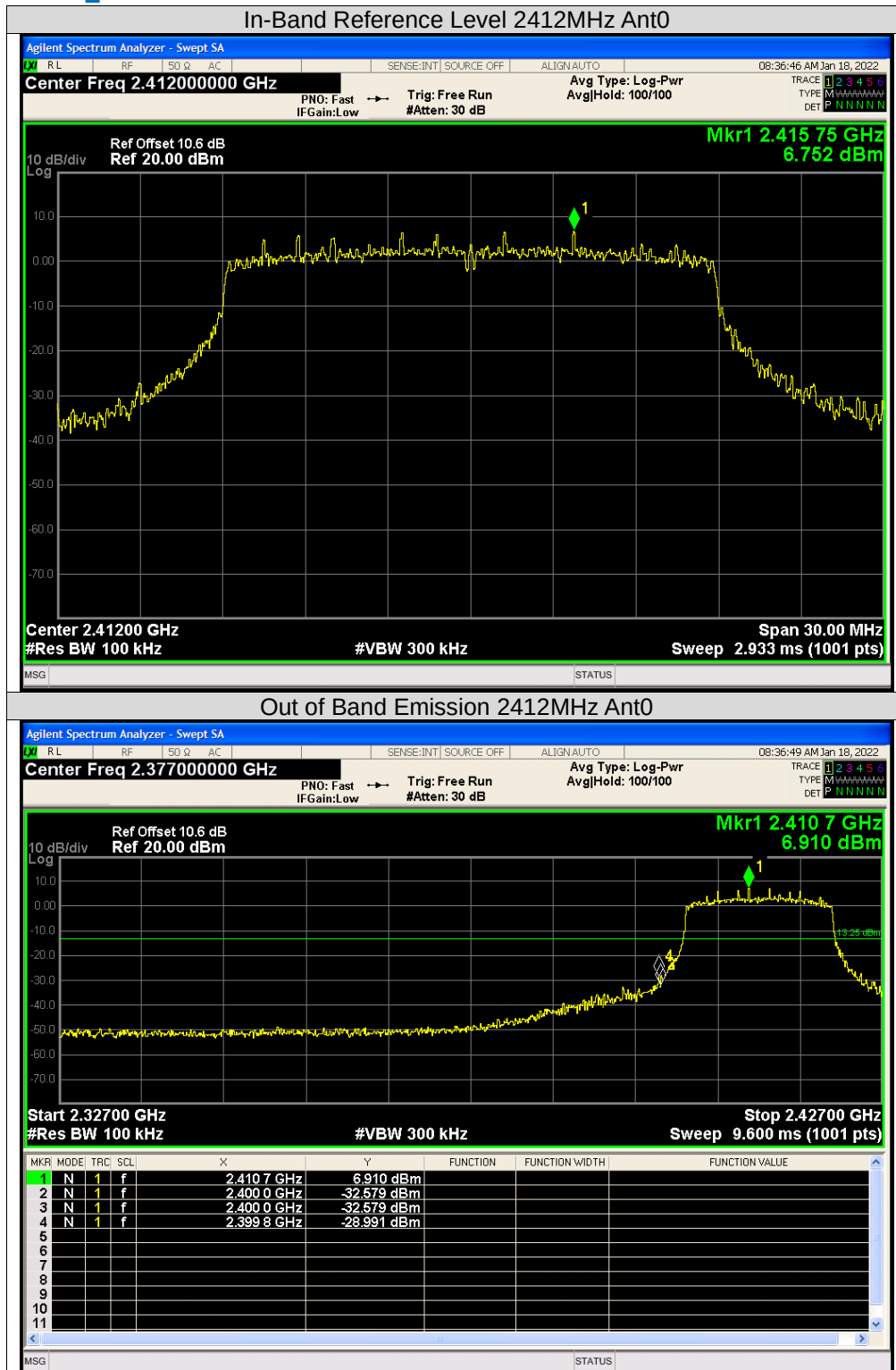
Out of Band Emission 2437MHz Ant0

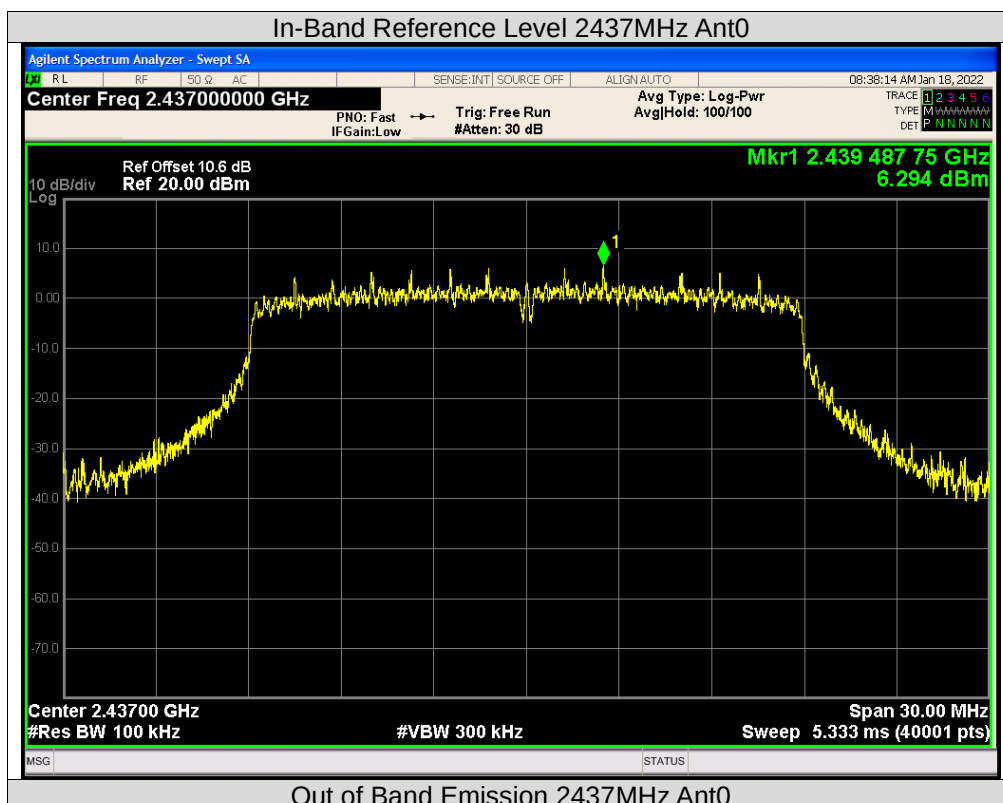
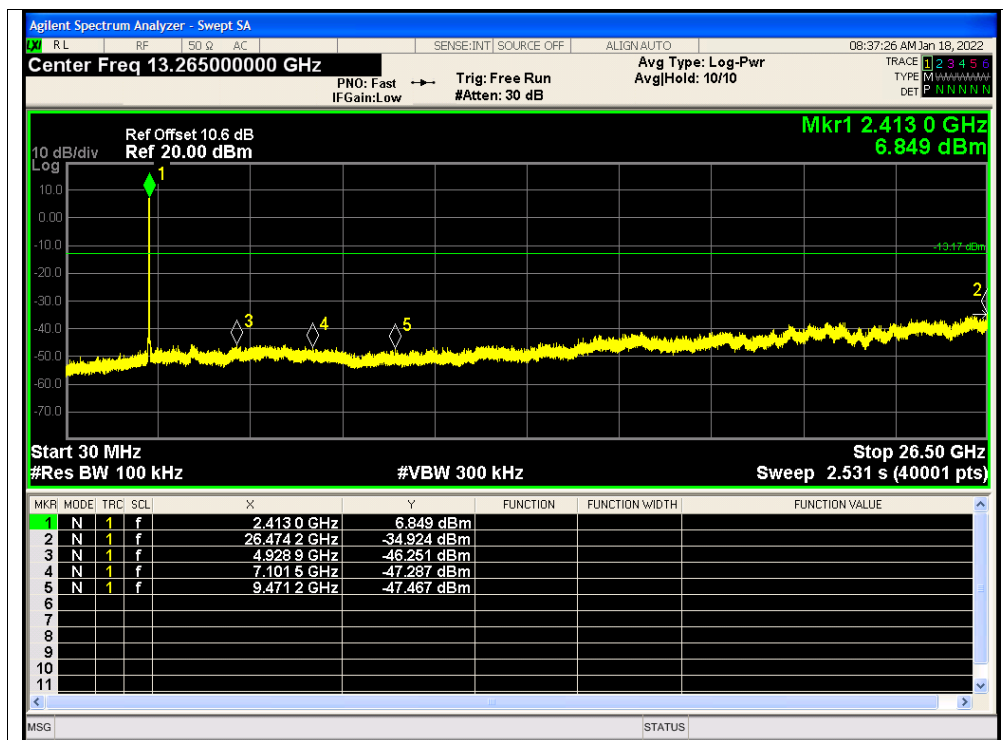


Out of Band Emission 2462MHz Ant0

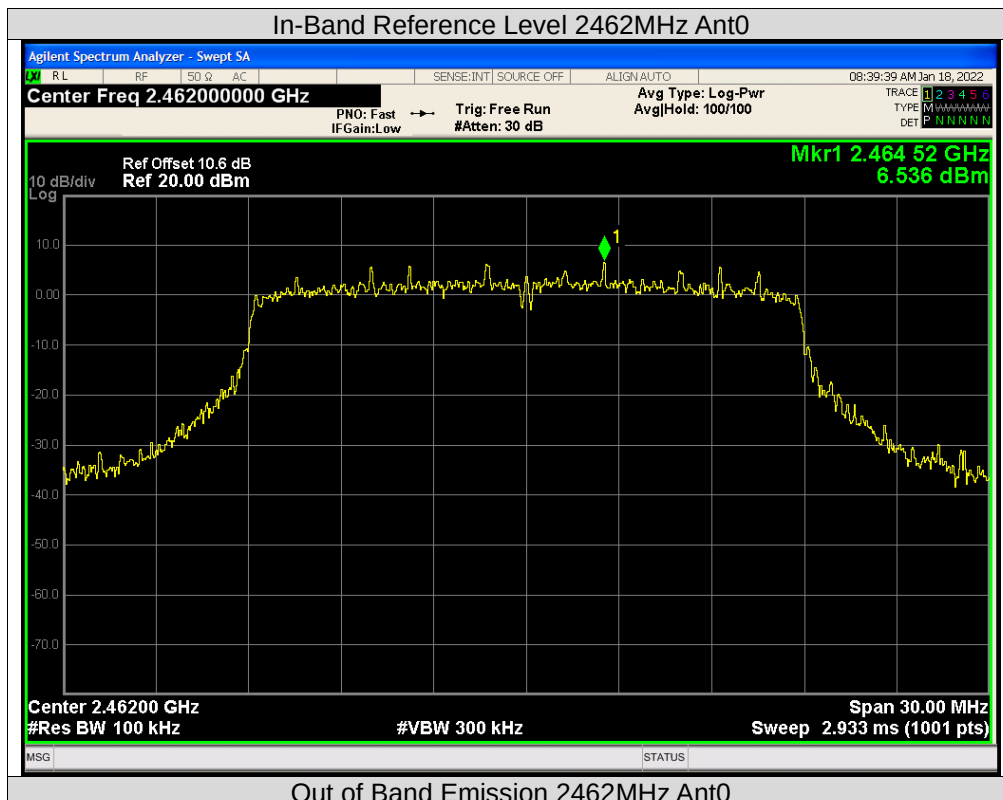
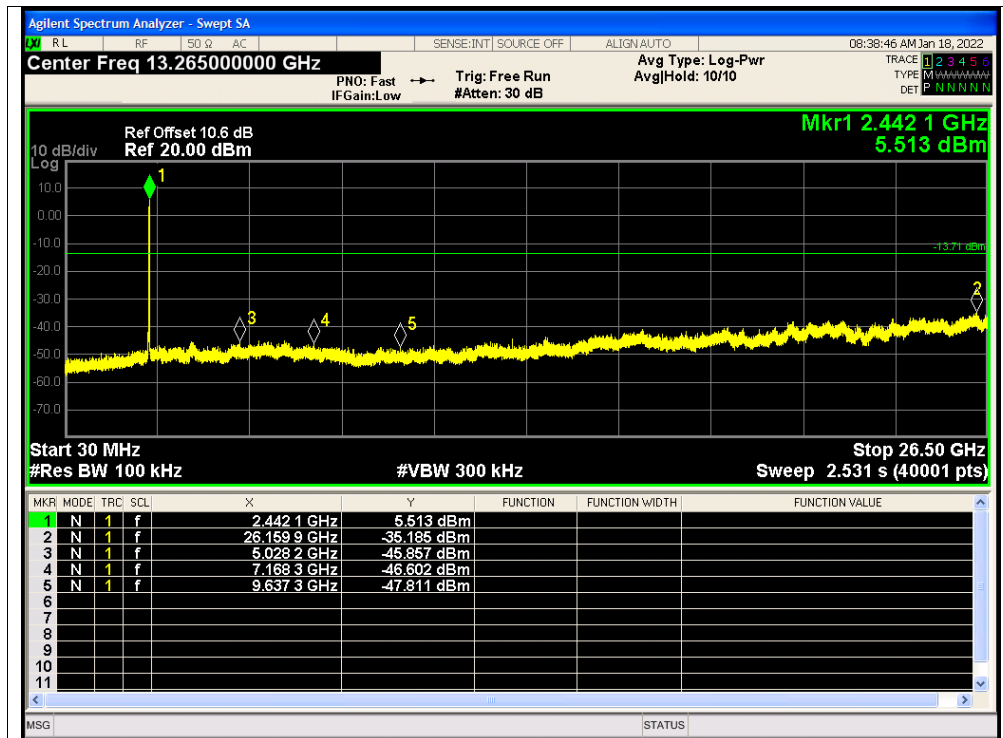


MIMO_Chain 0_ IEEE 802.11n-HT20

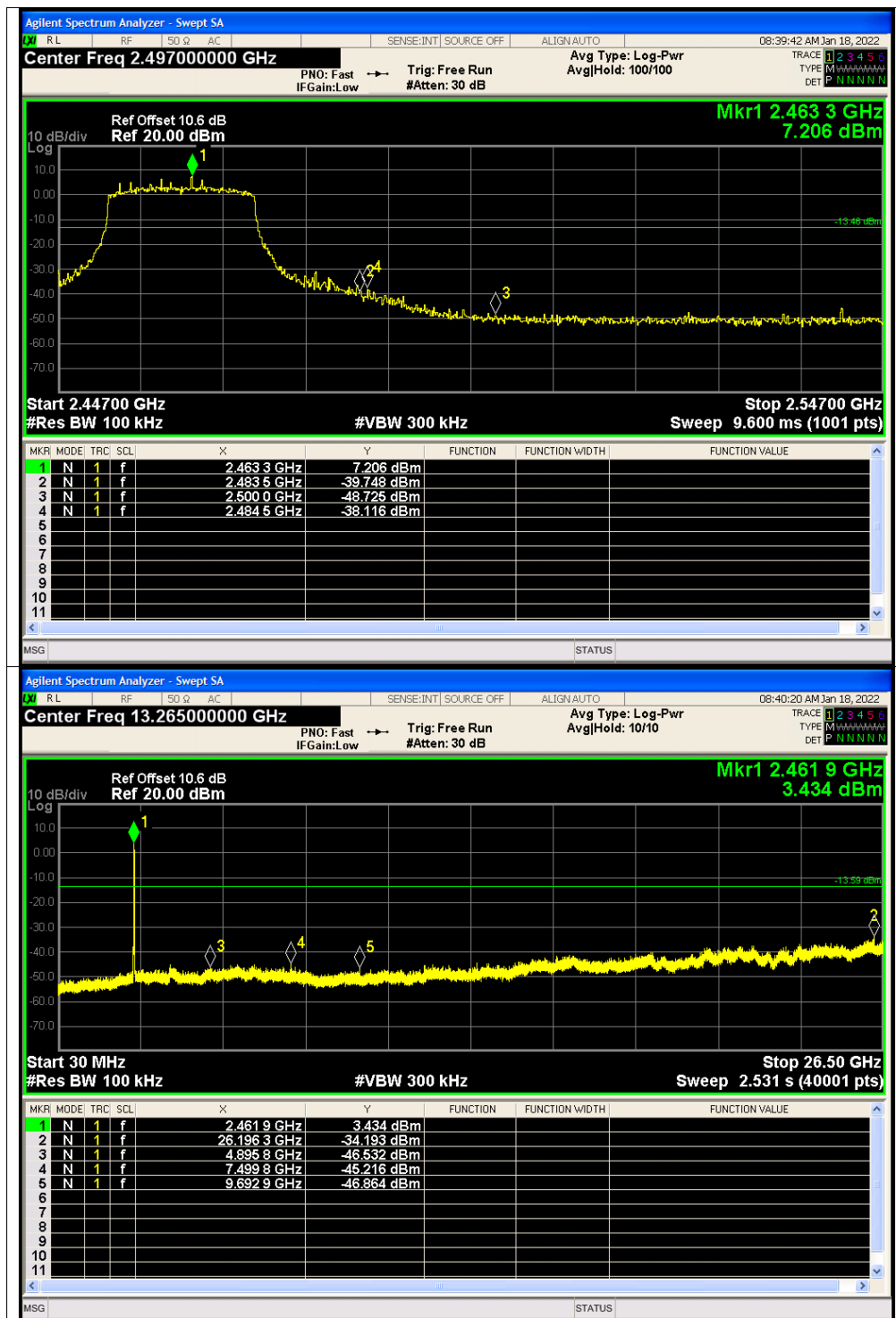




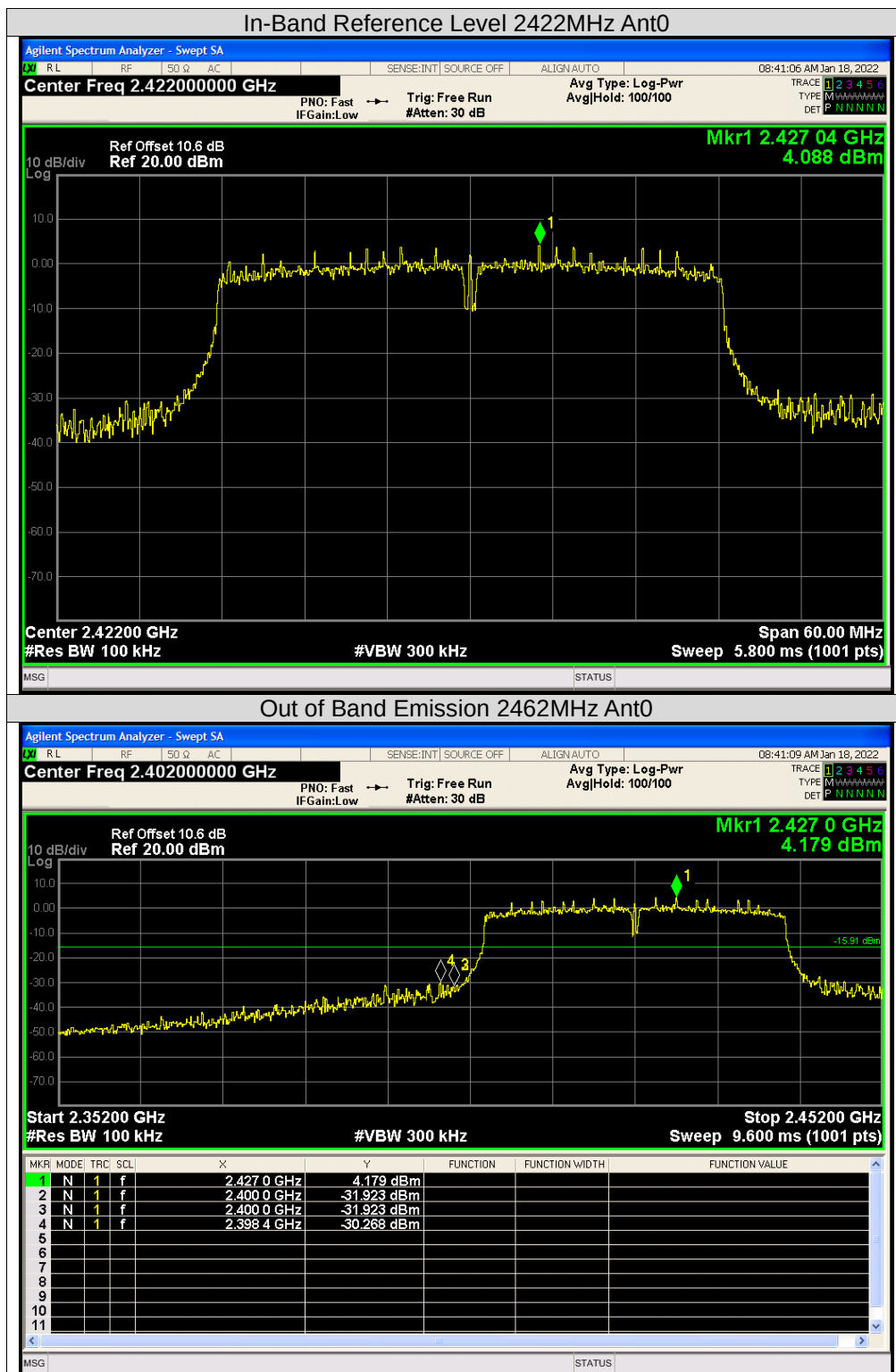
Out of Band Emission 2437MHz Ant0

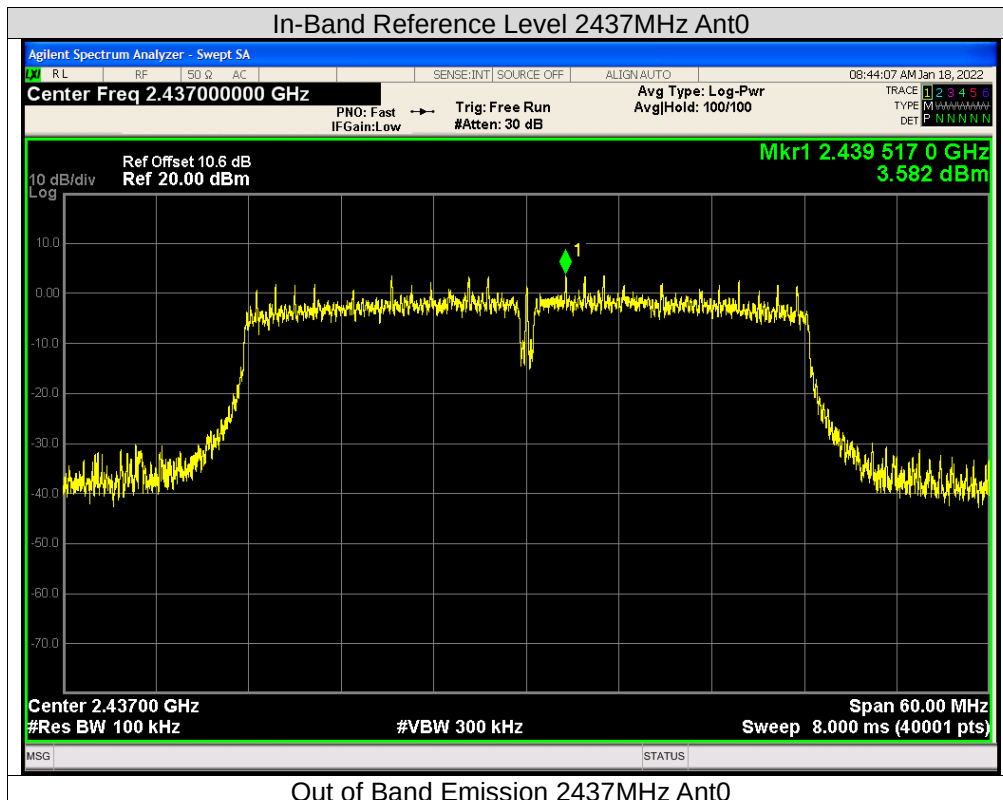
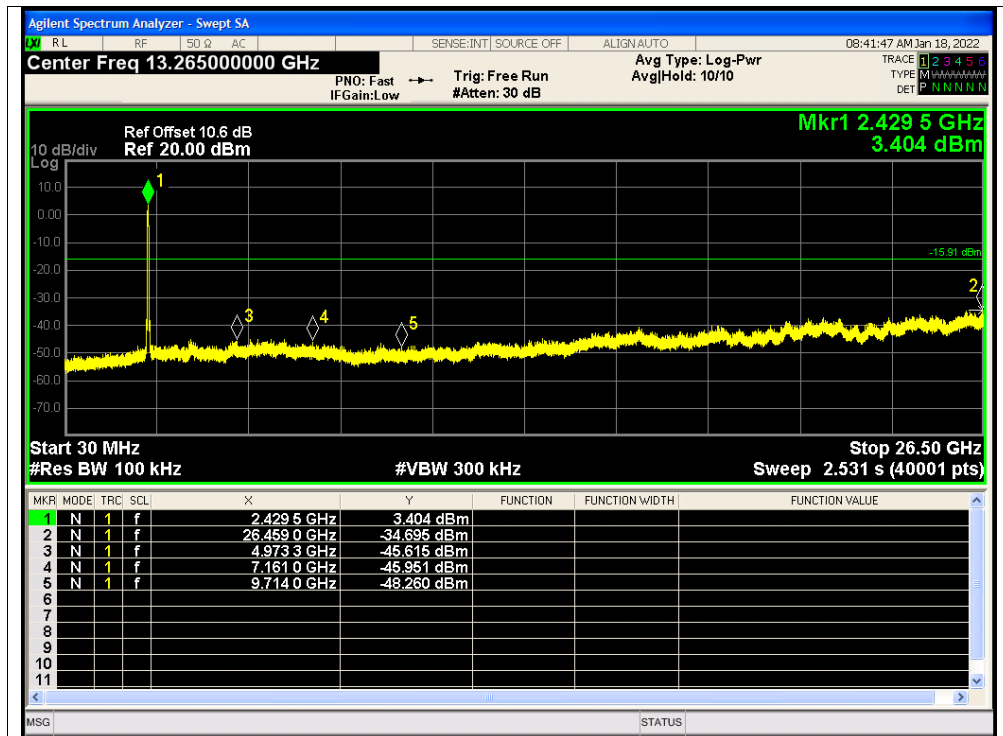


Out of Band Emission 2462MHz Ant0

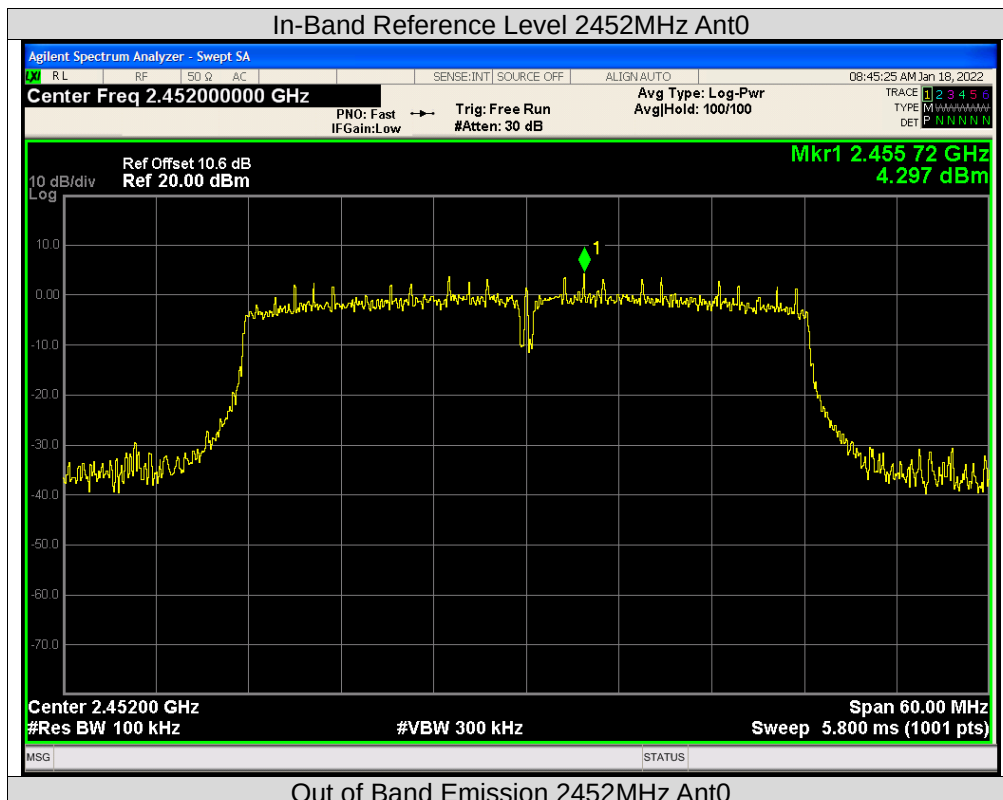
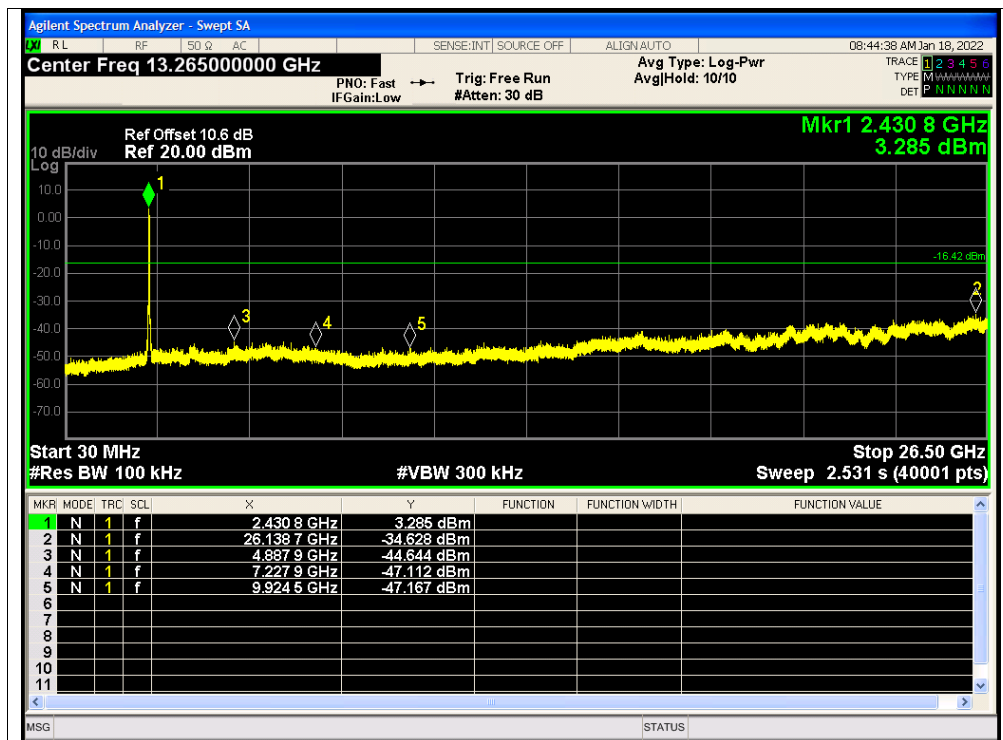


MIMO_Chain 0_ IEEE 802.11n-HT40

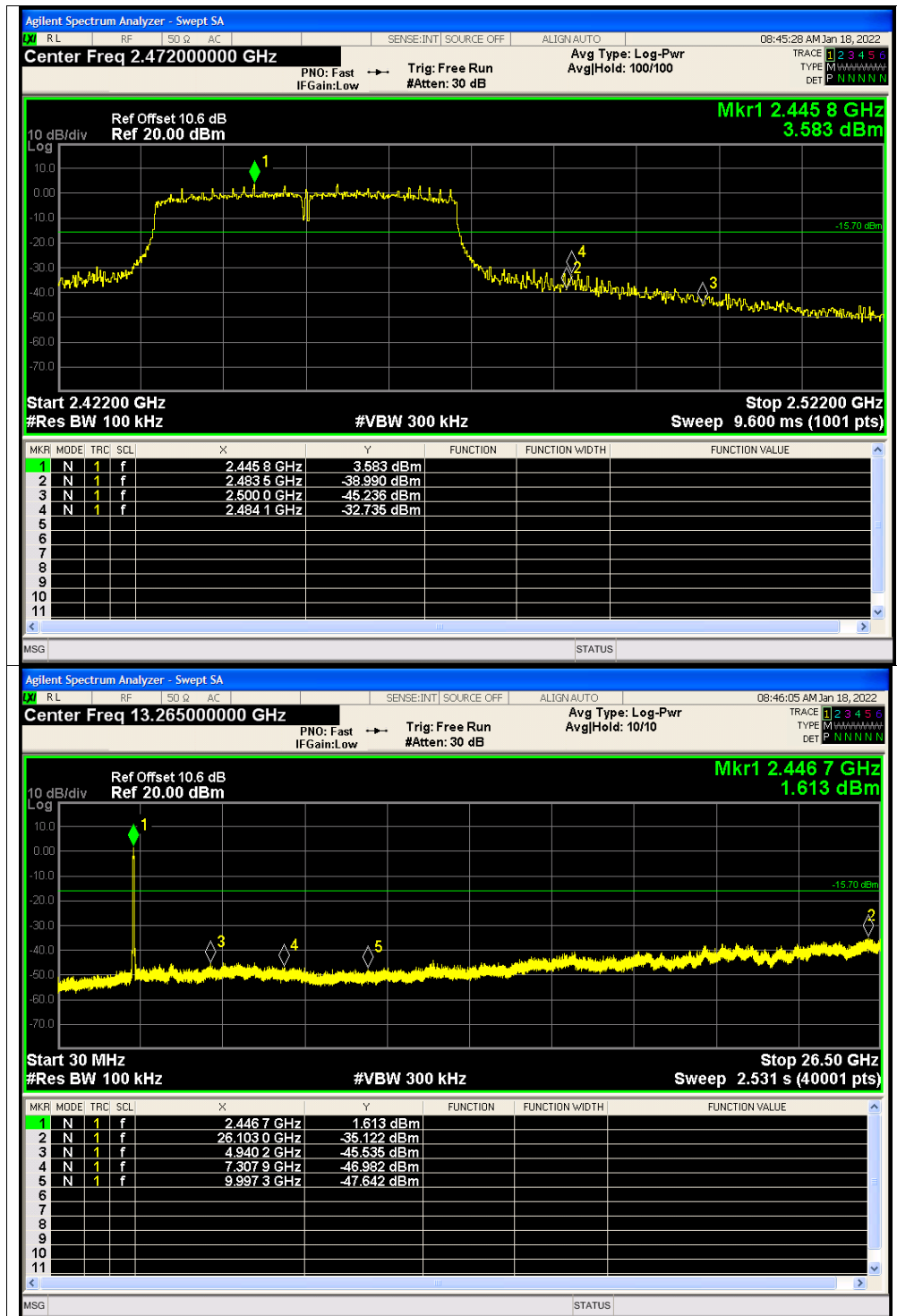




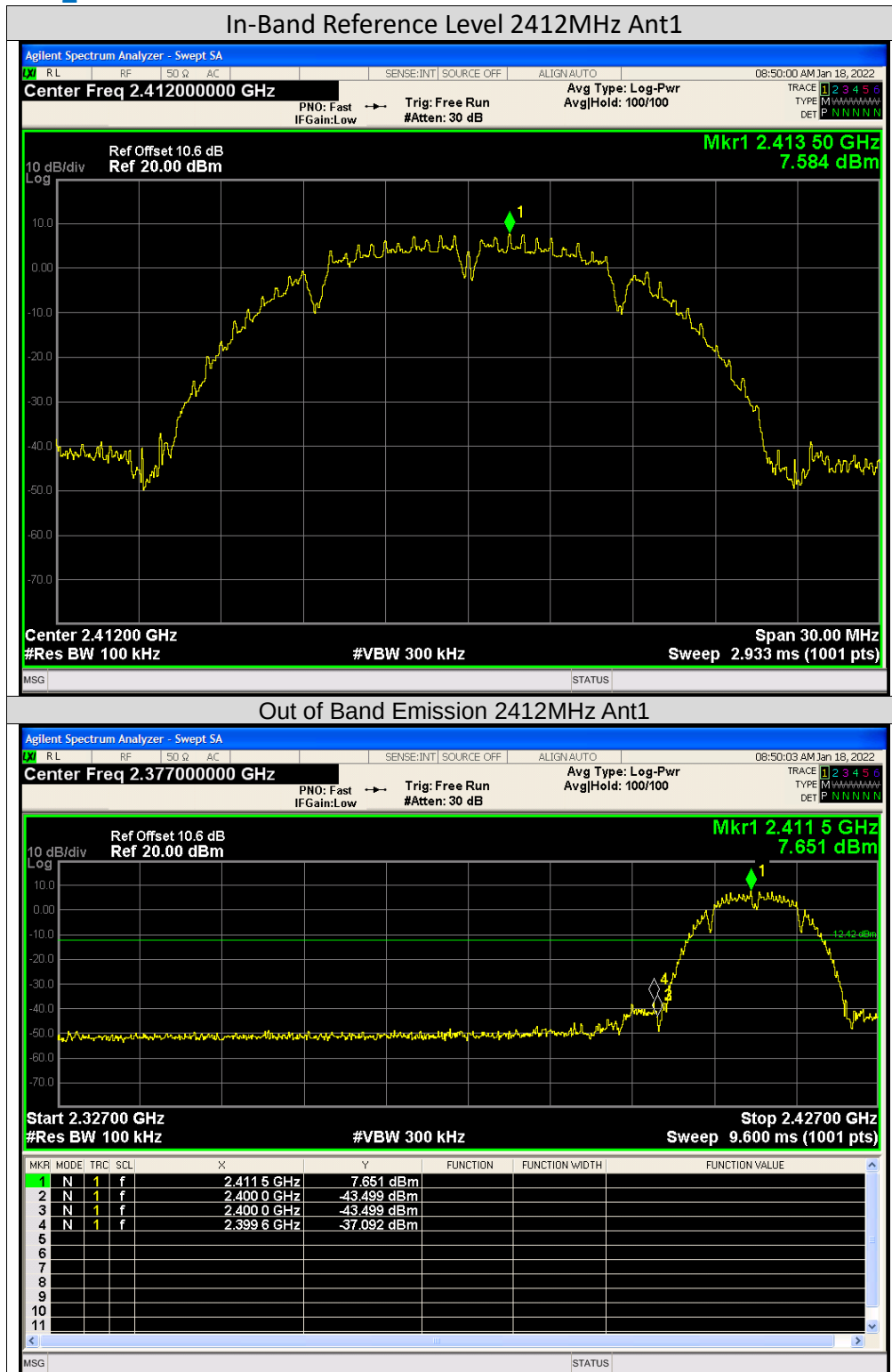
Out of Band Emission 2437MHz Ant0

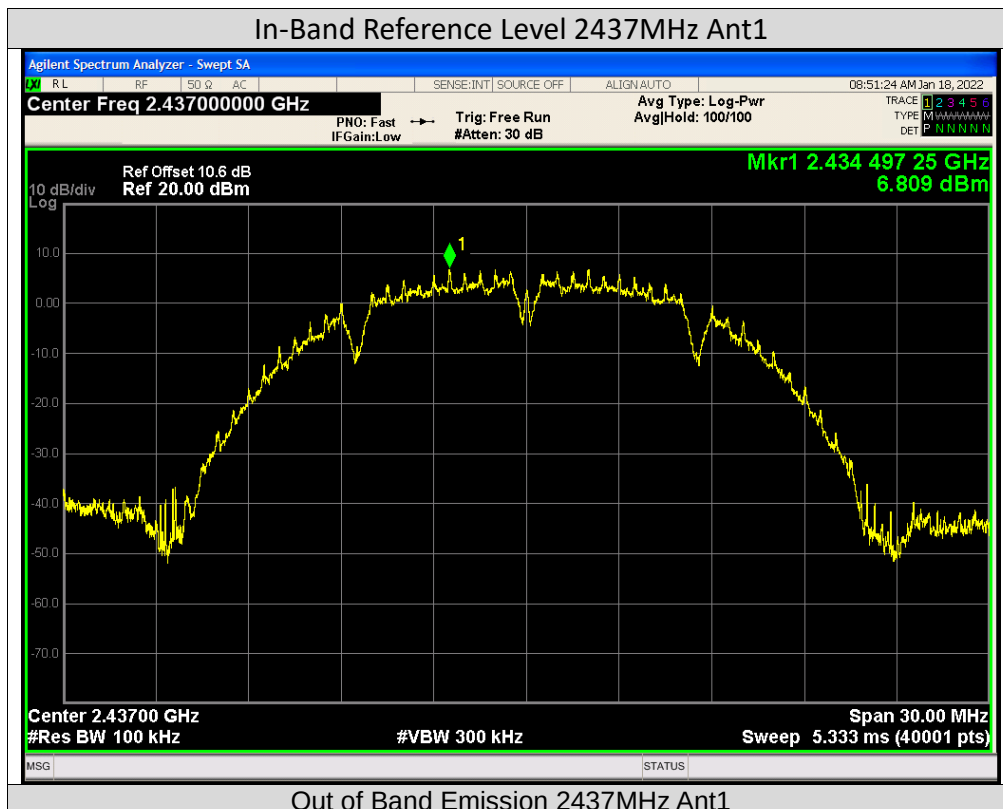
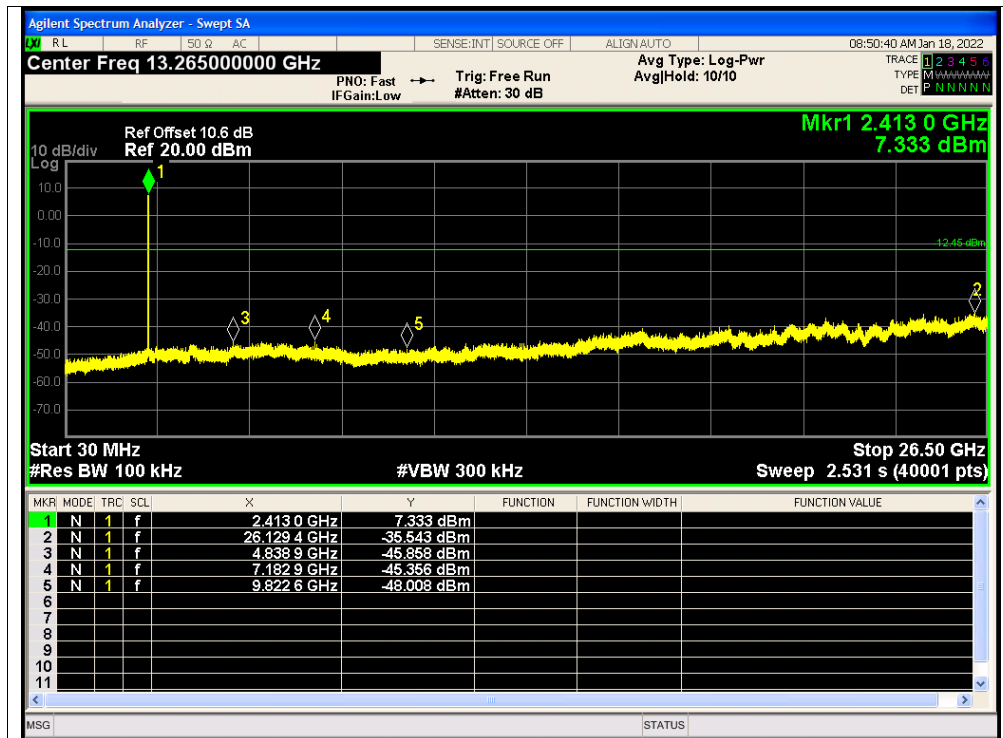


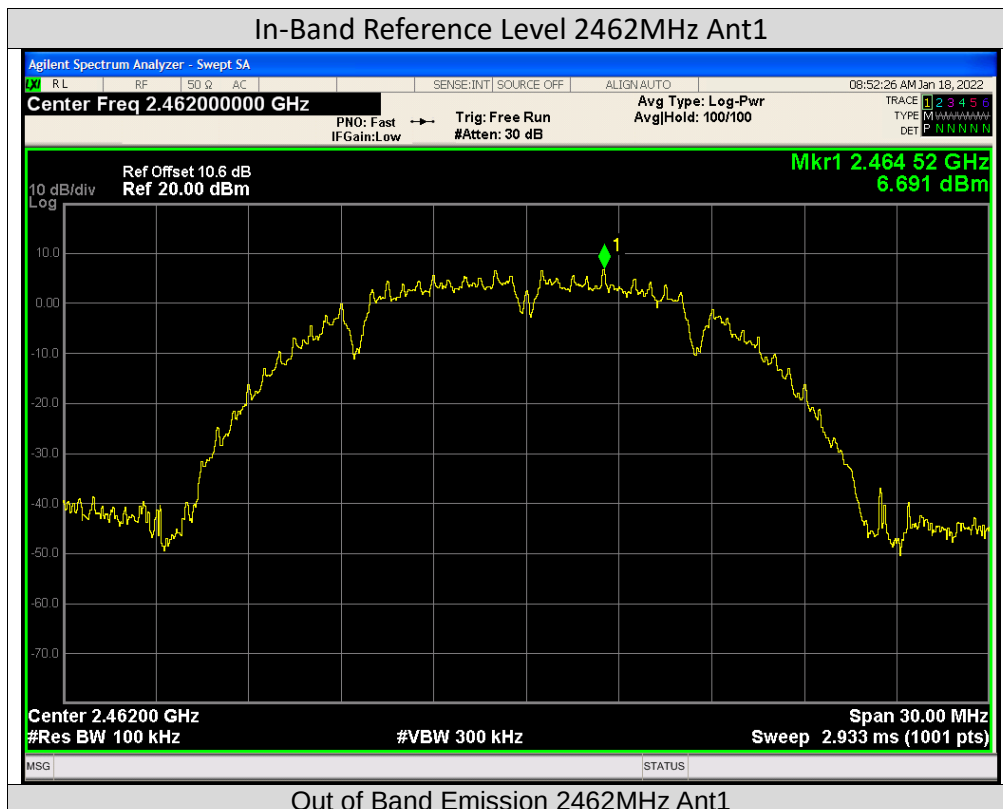
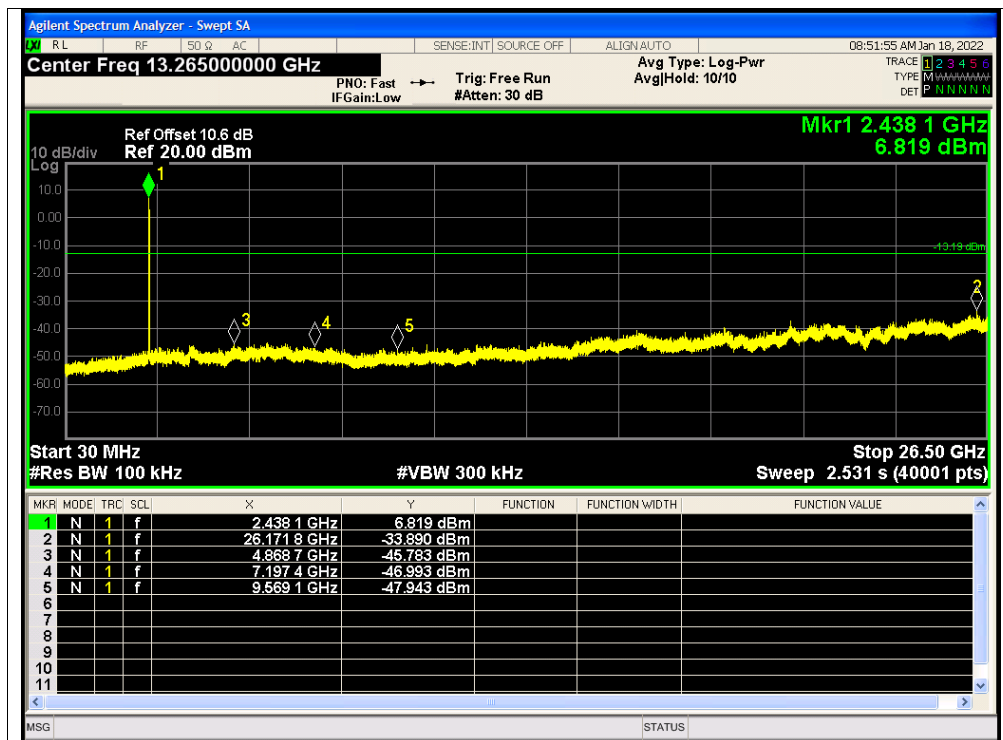
Out of Band Emission 2452MHz Ant0

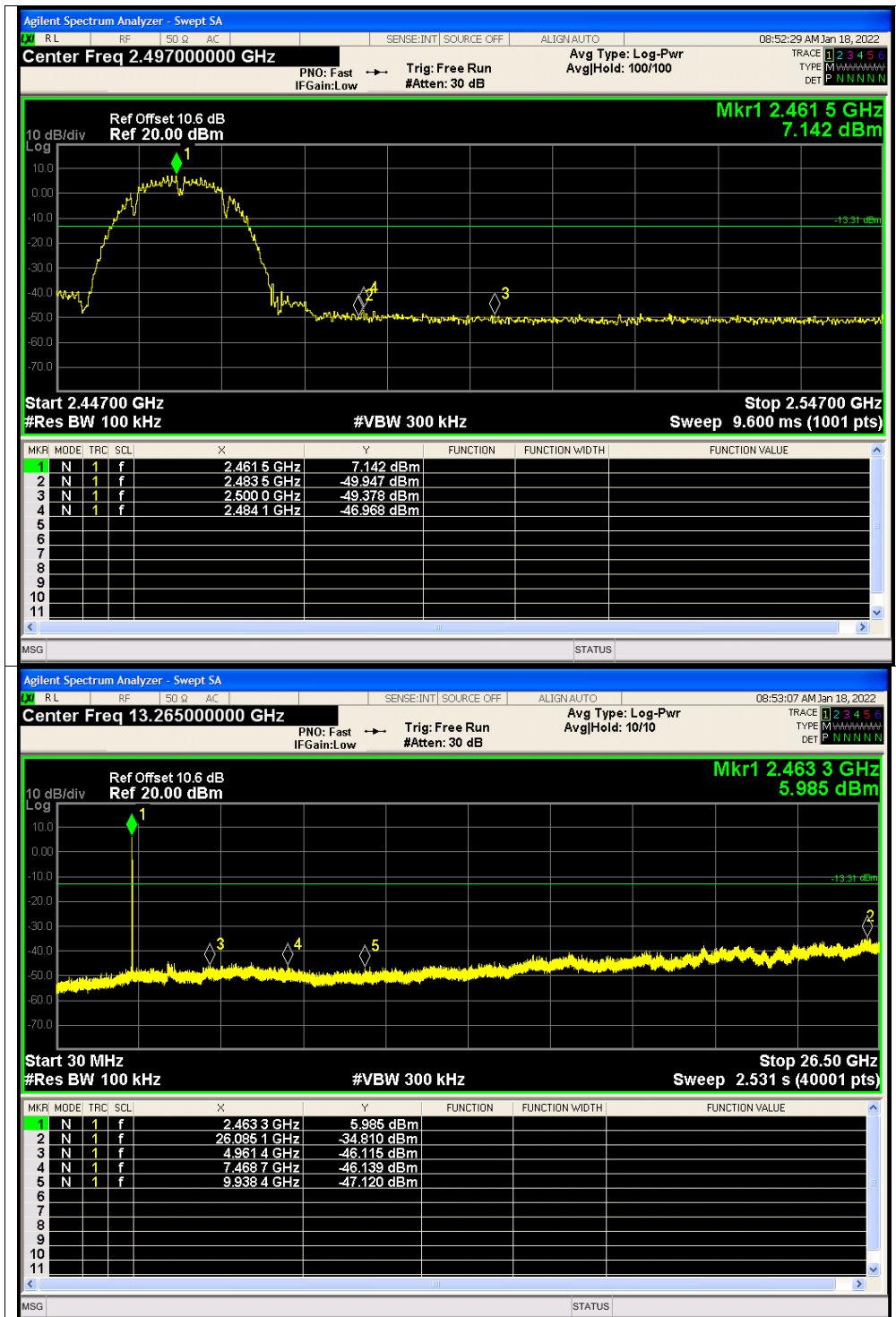


SISO_Chain 1_ IEEE 802.11b

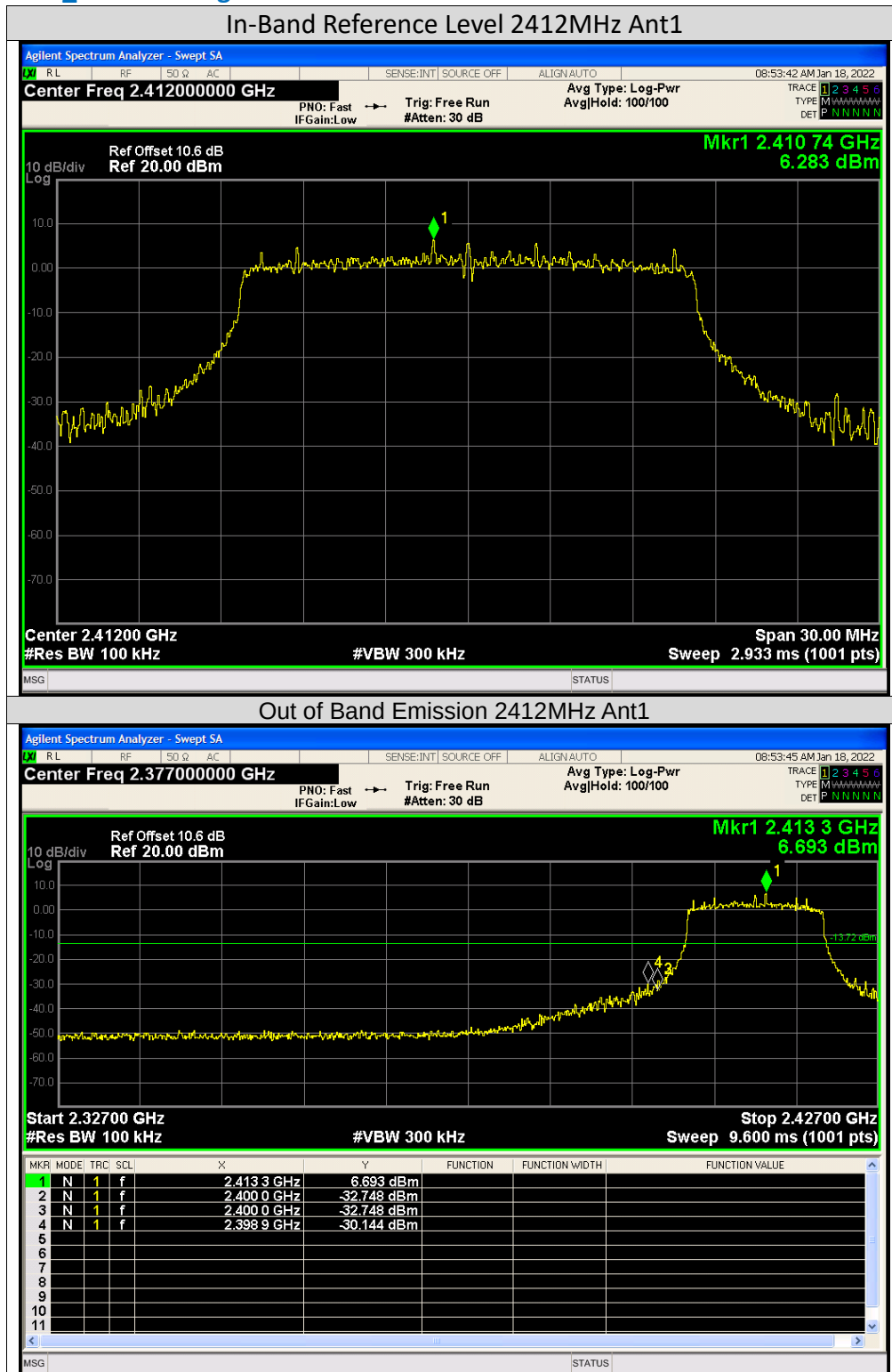


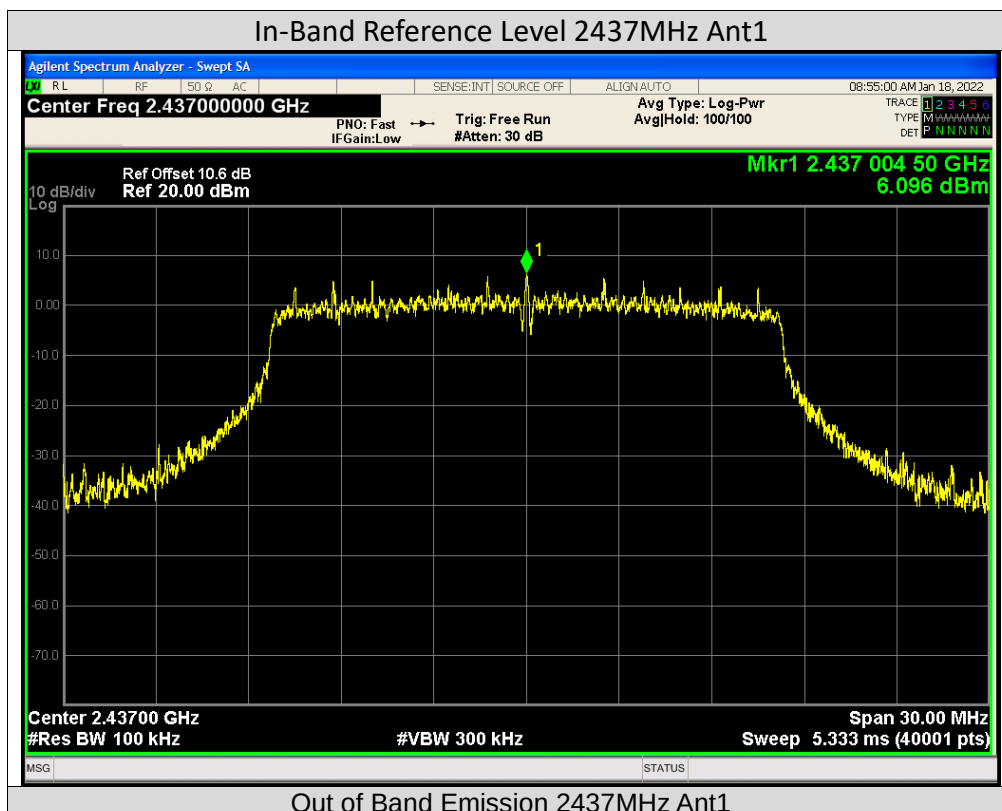
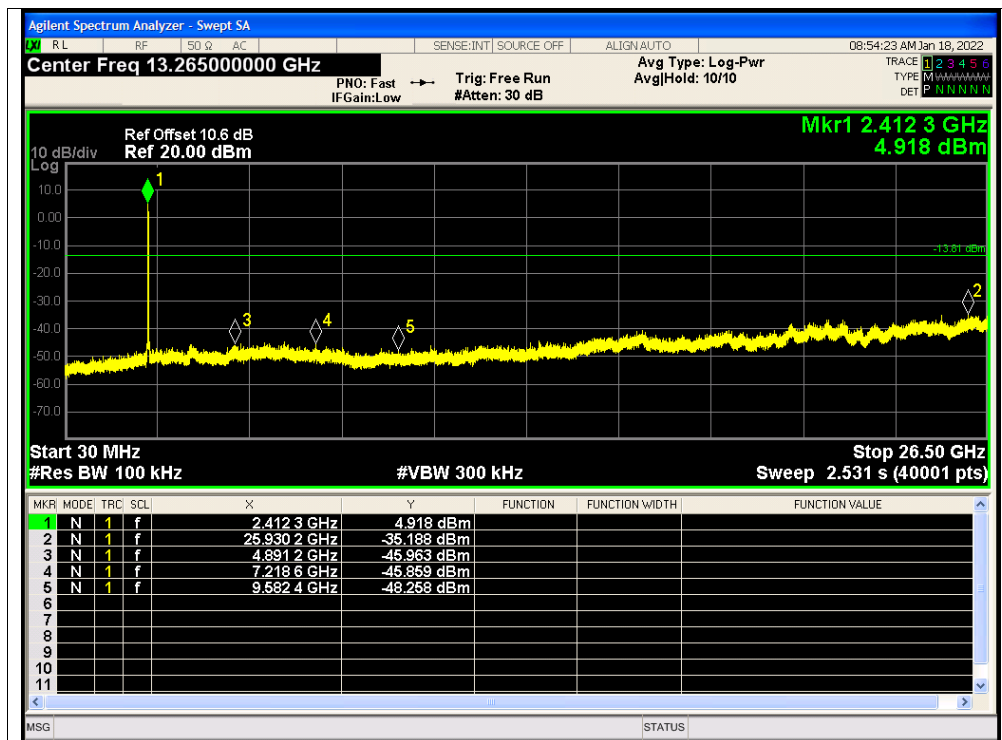


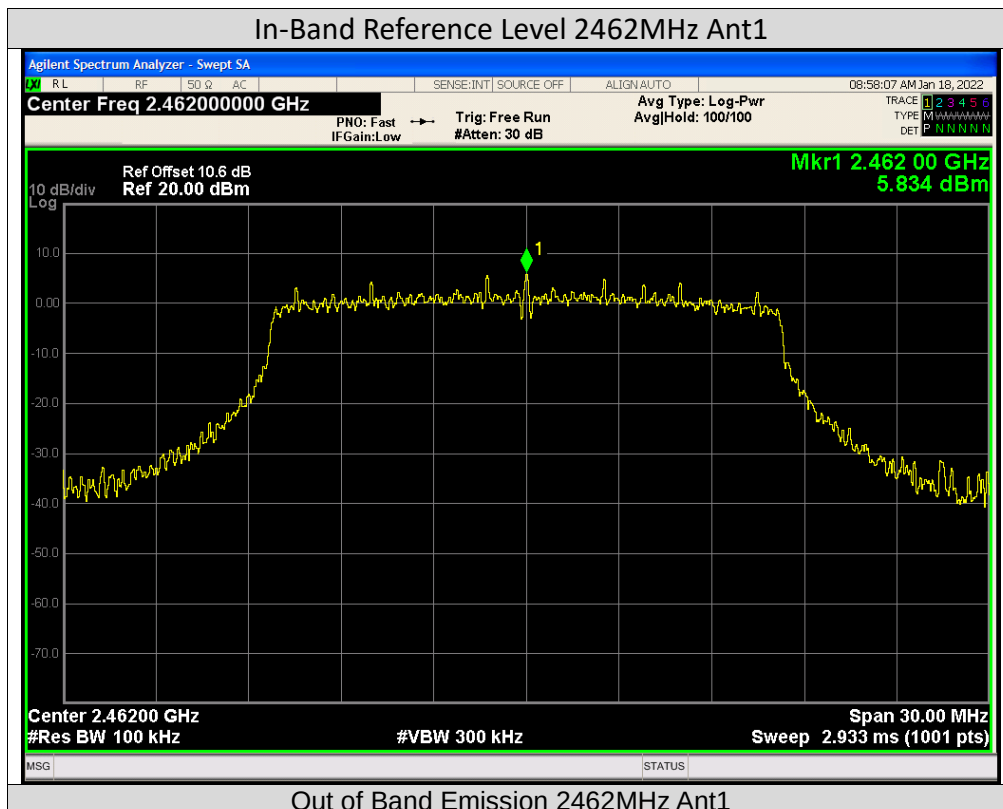
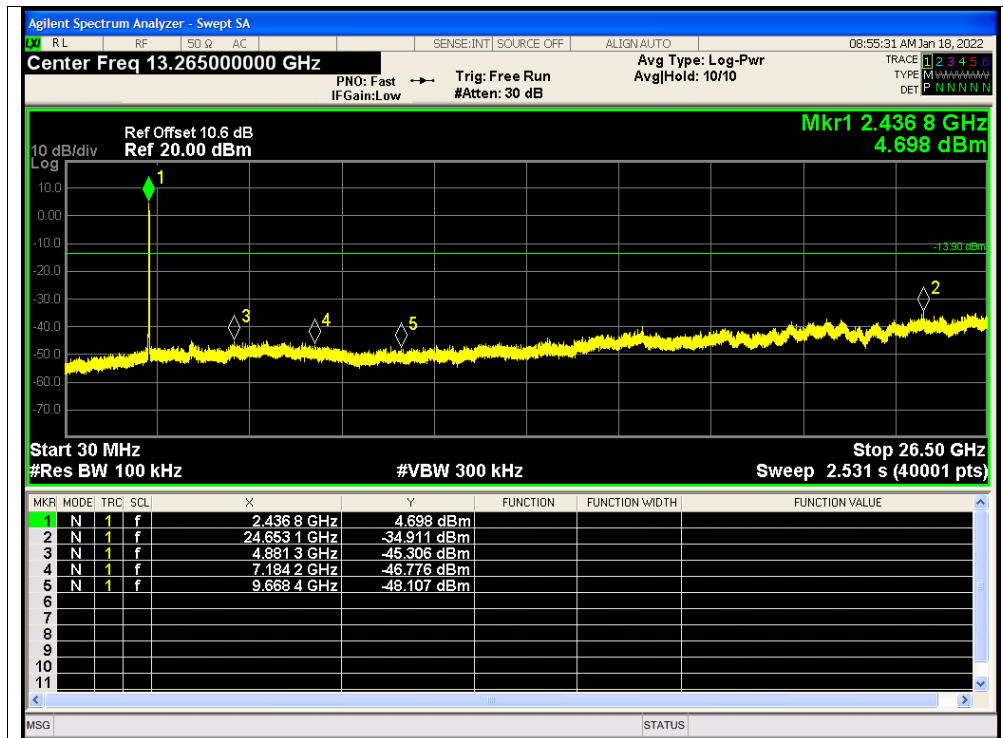


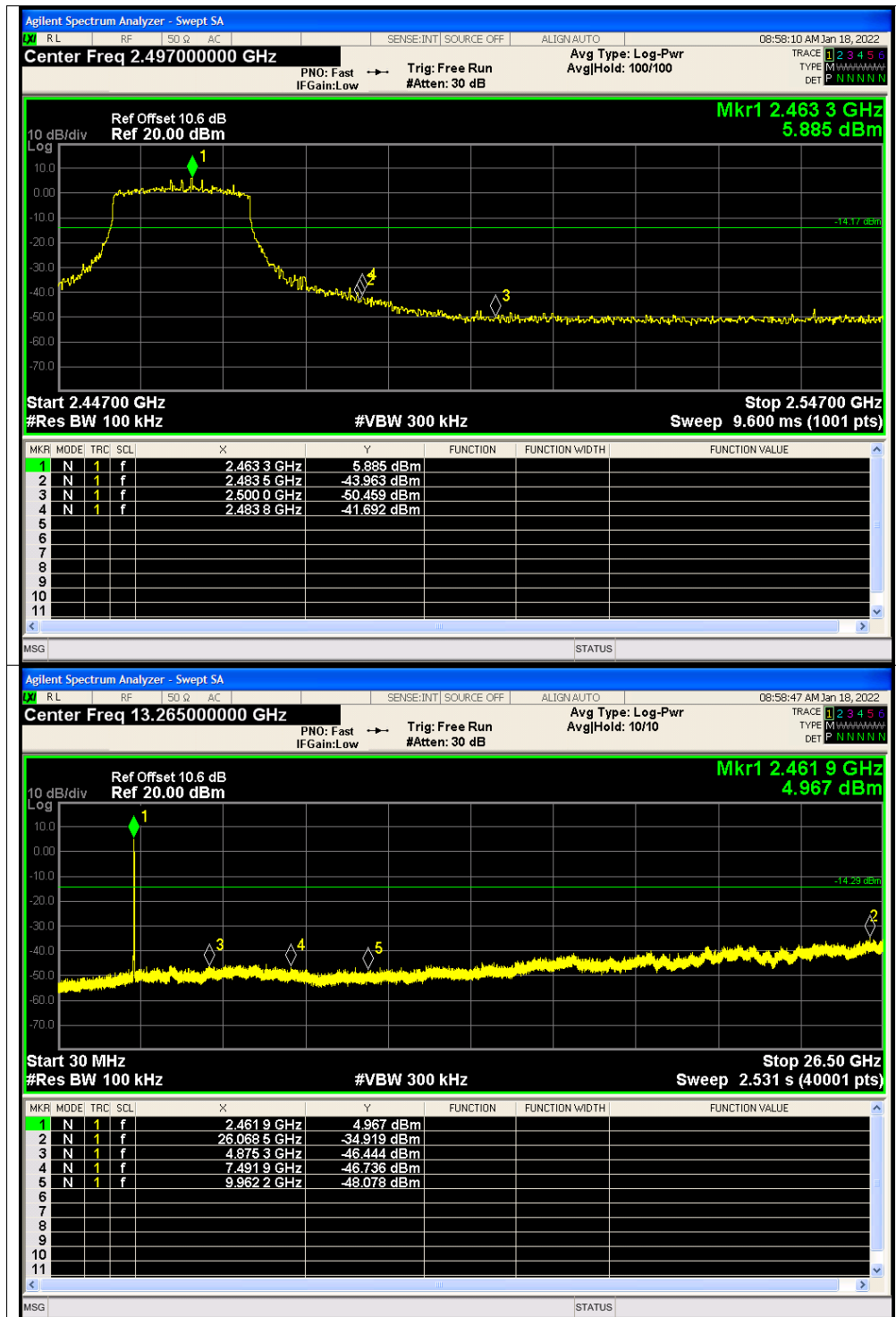


SISO_Chain 1_ IEEE 802.11g

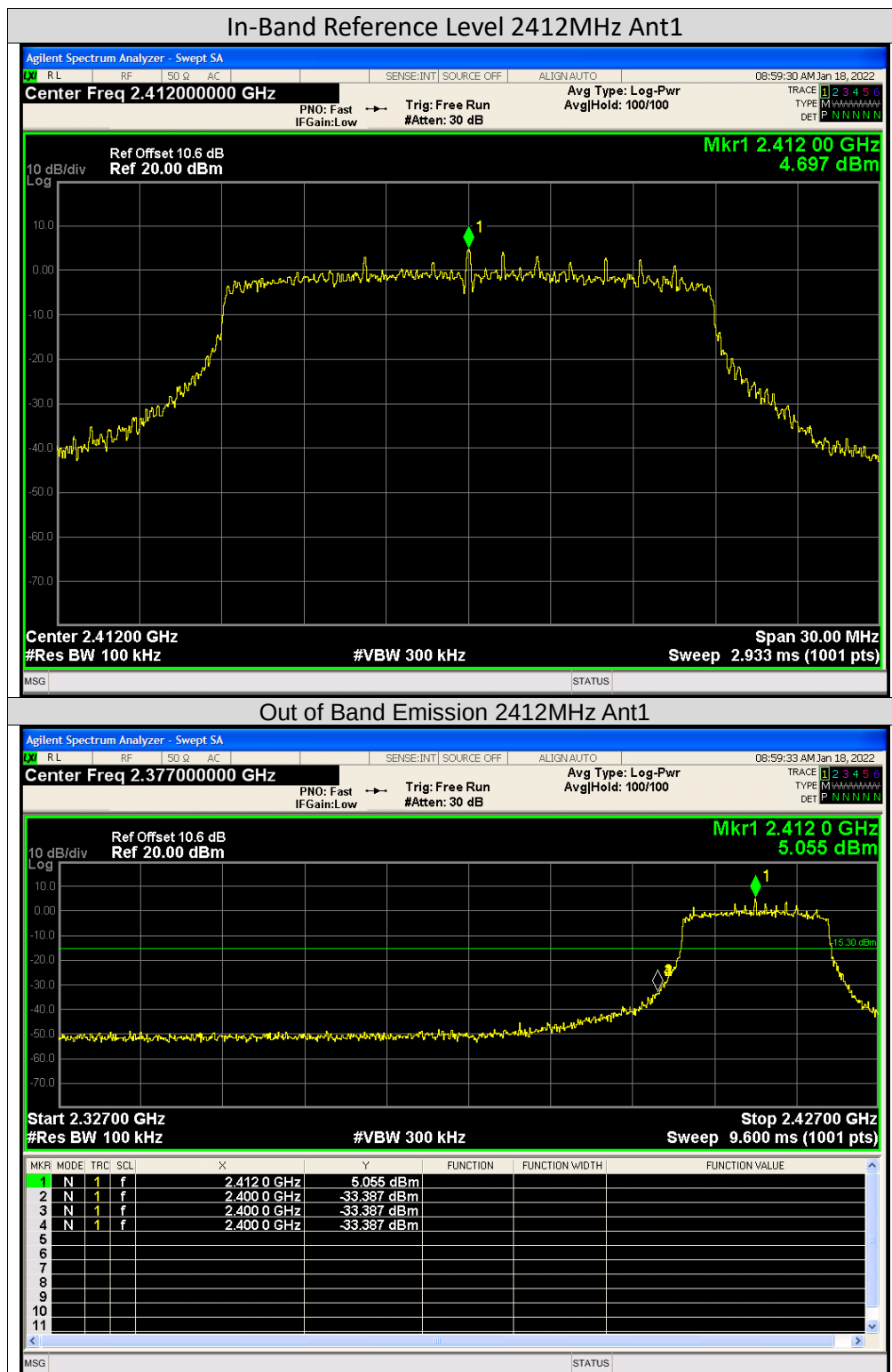


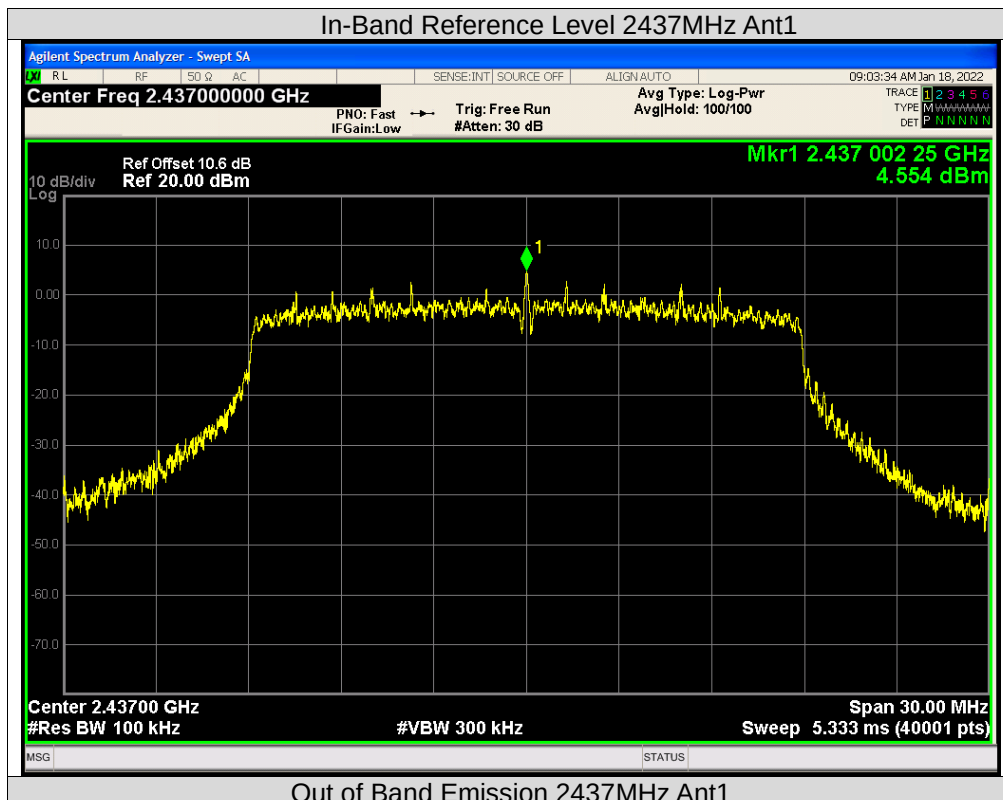
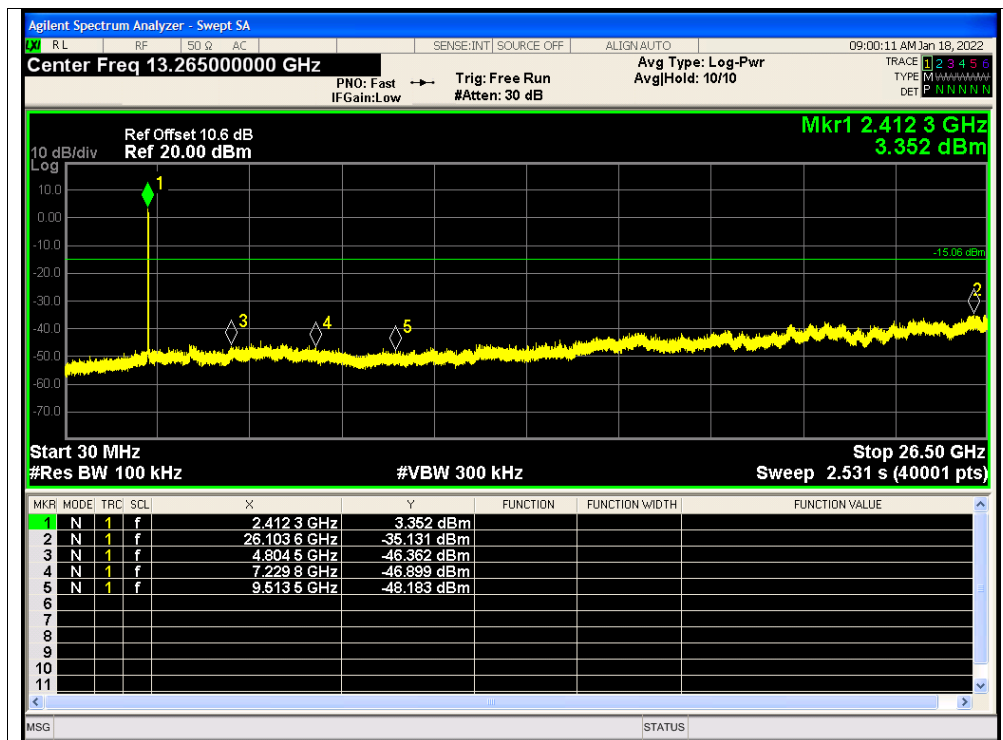




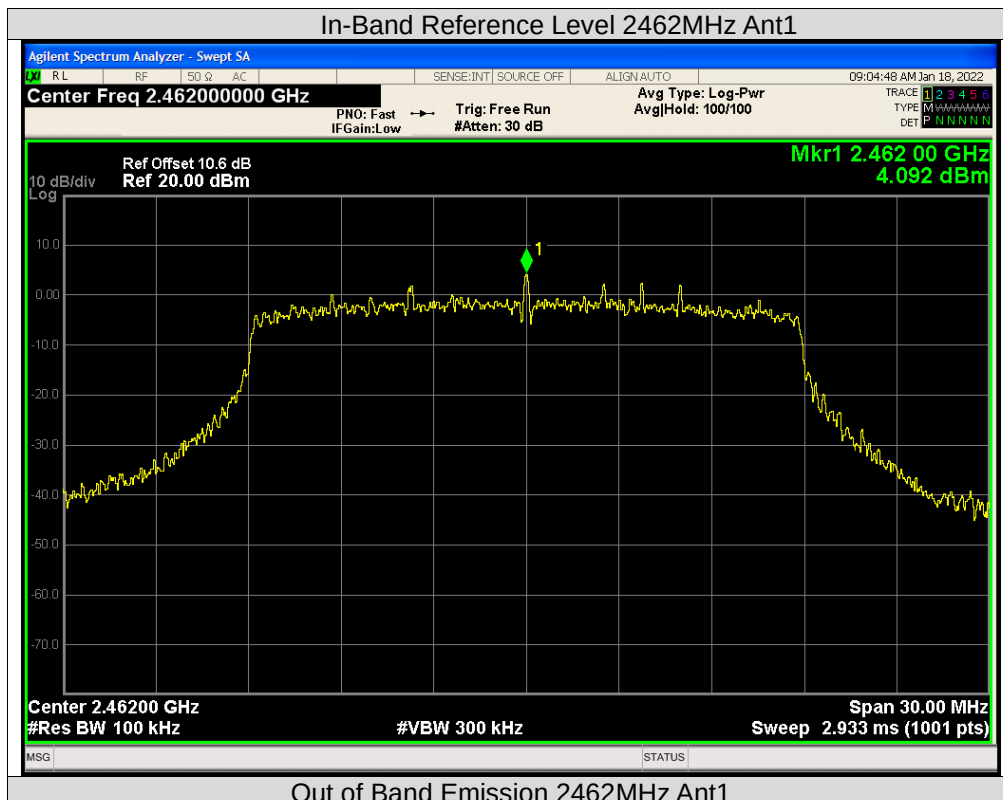
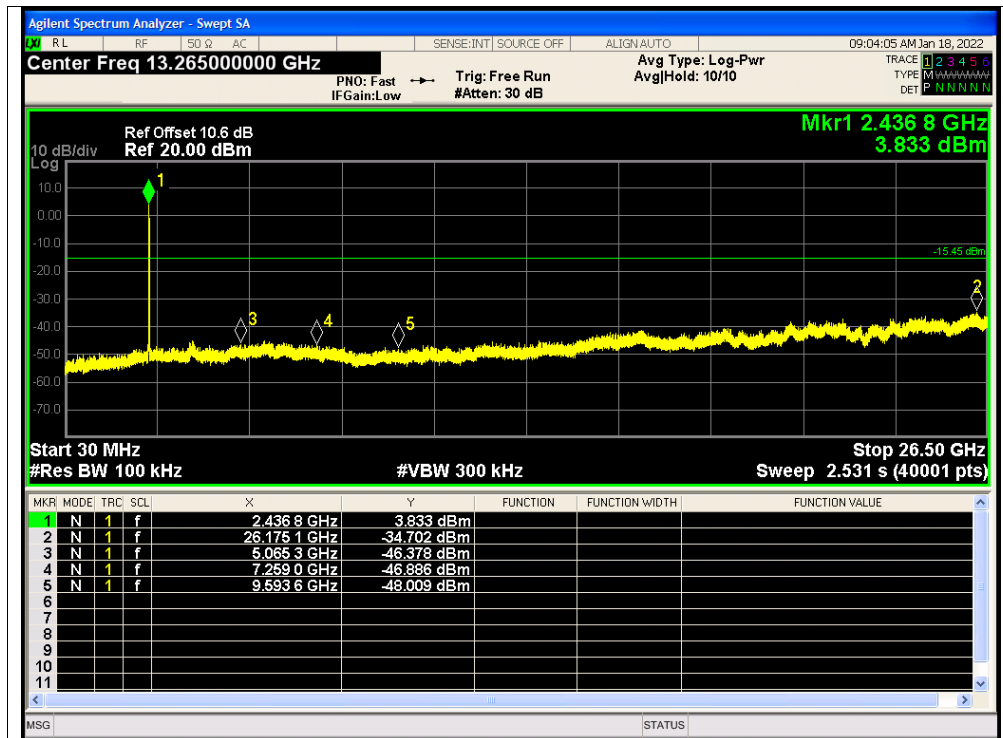


MIMO_Chain 1_ IEEE 802.11n-HT20

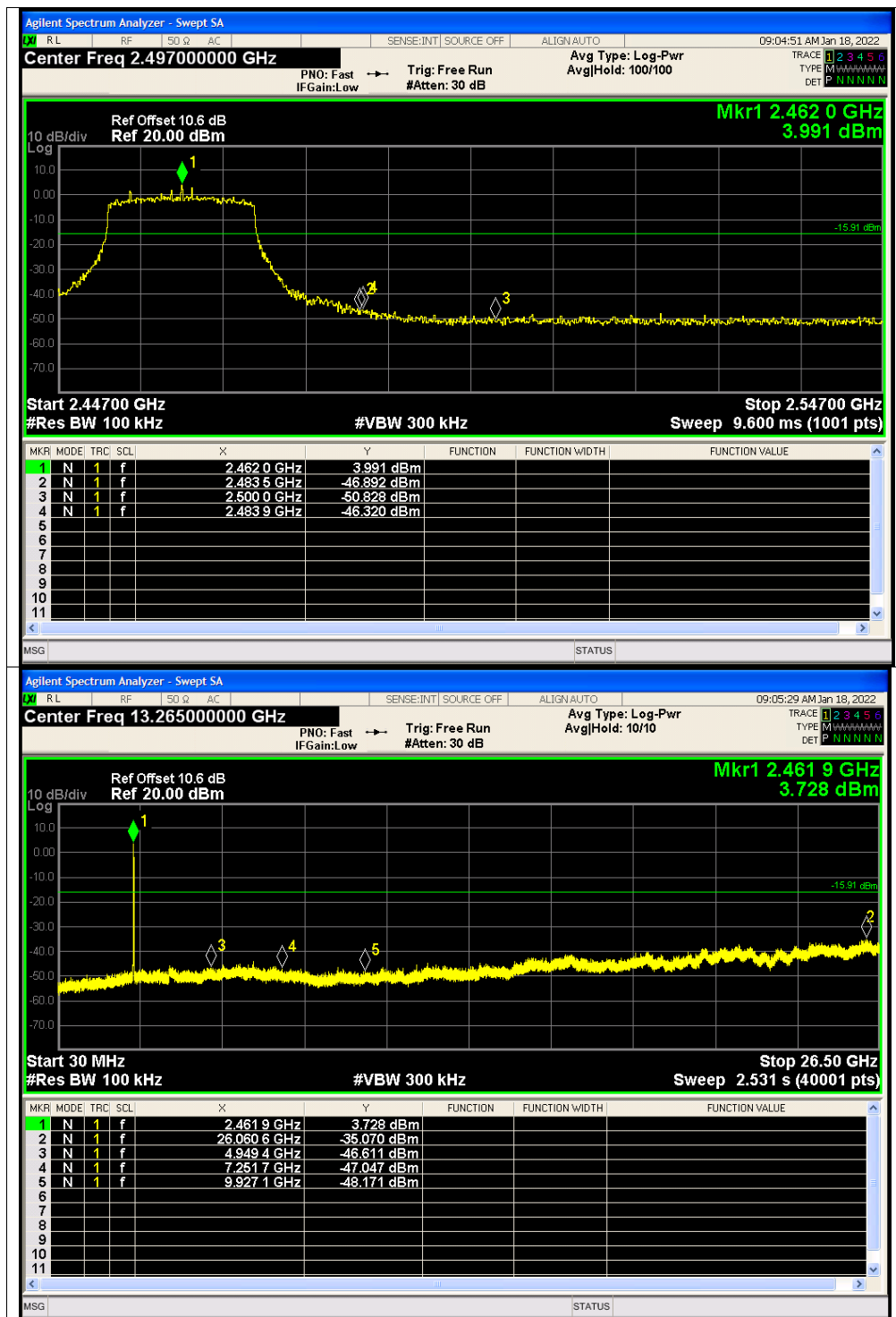




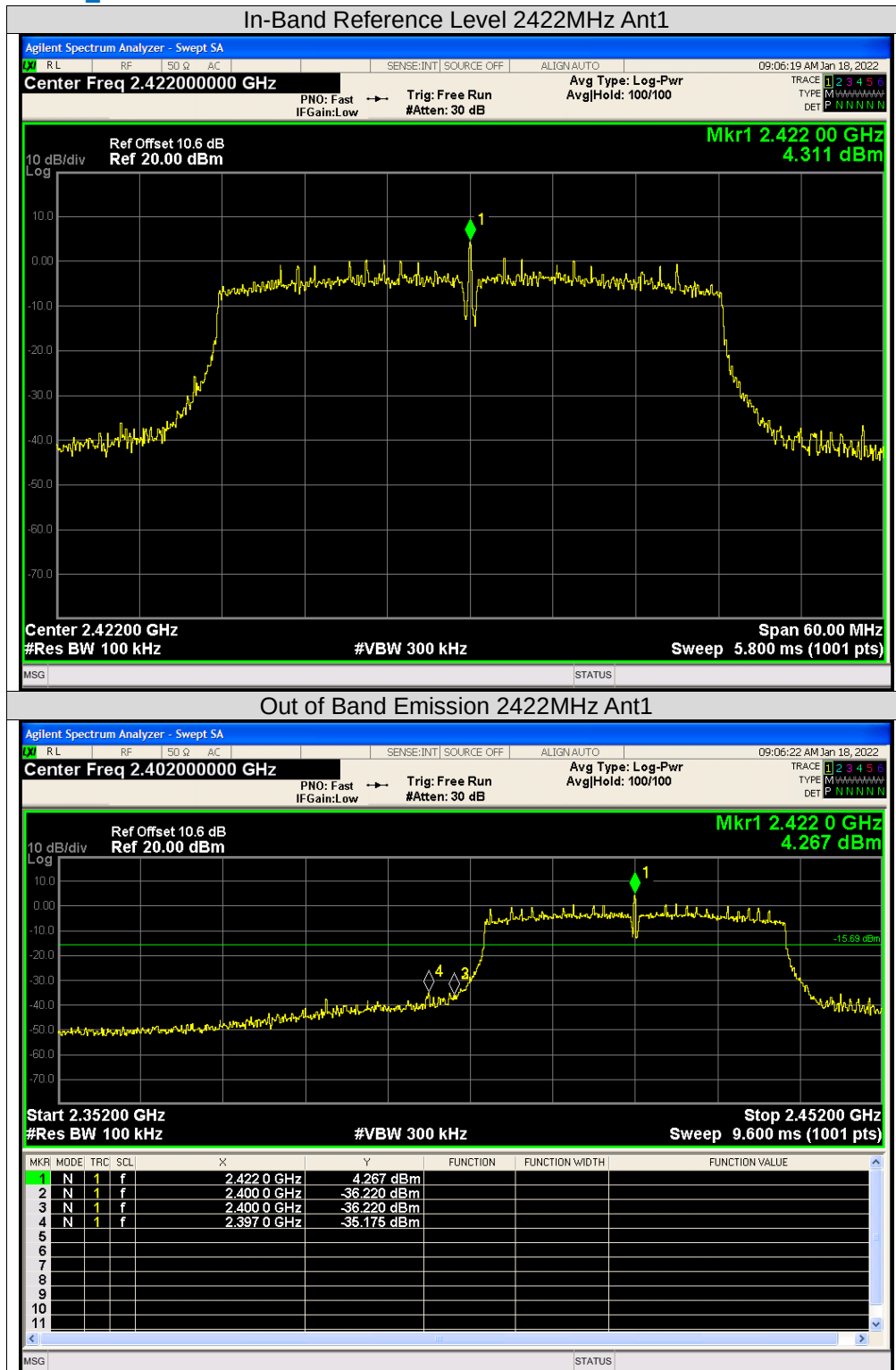
Out of Band Emission 2437MHz Ant1

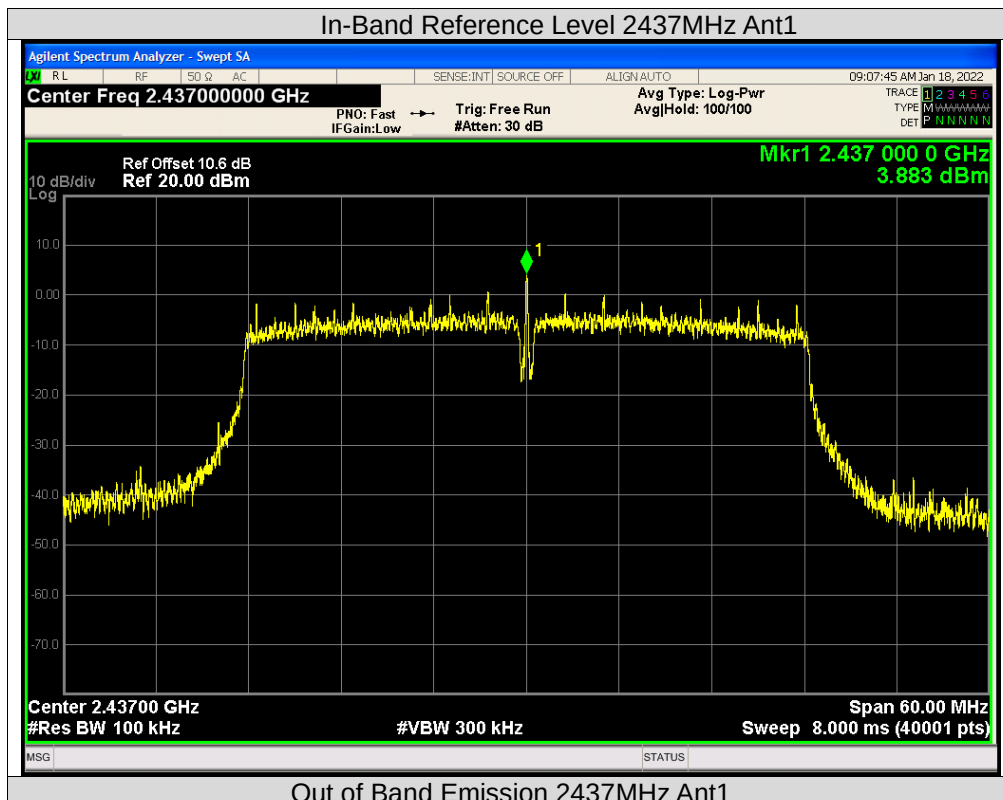
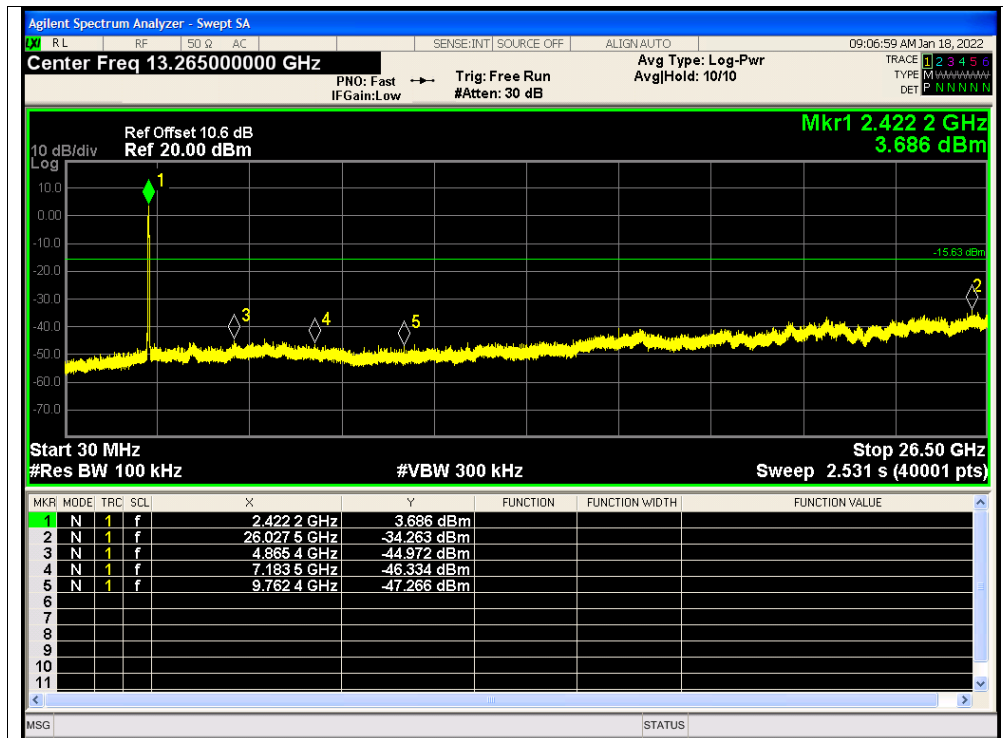


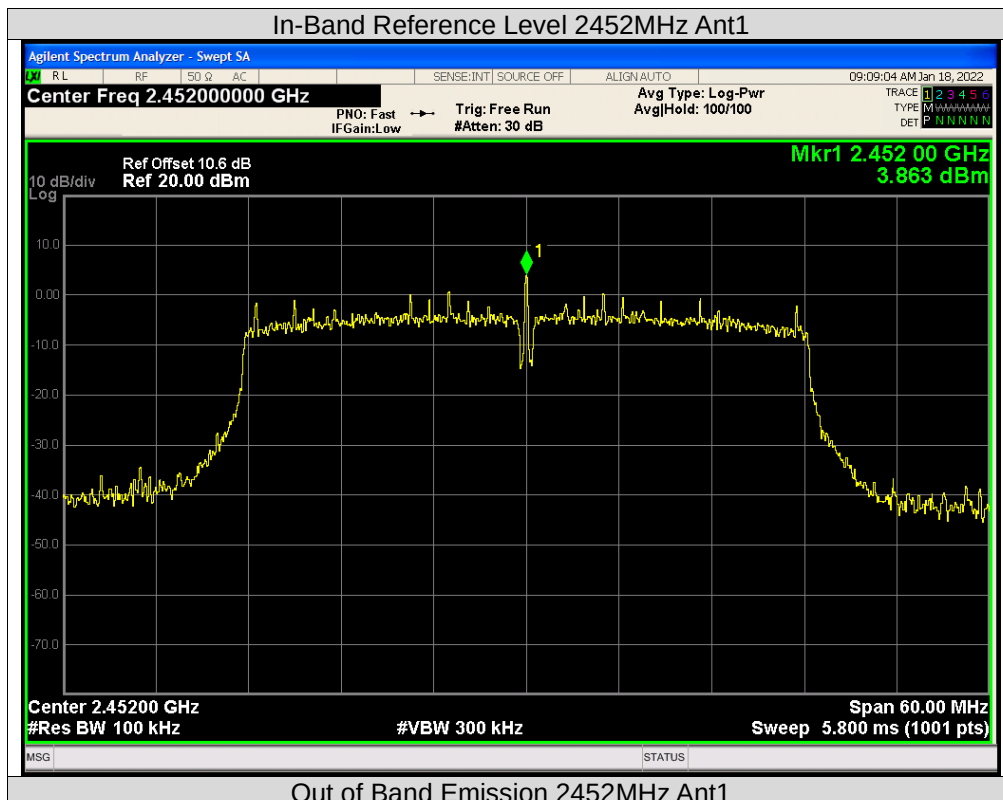
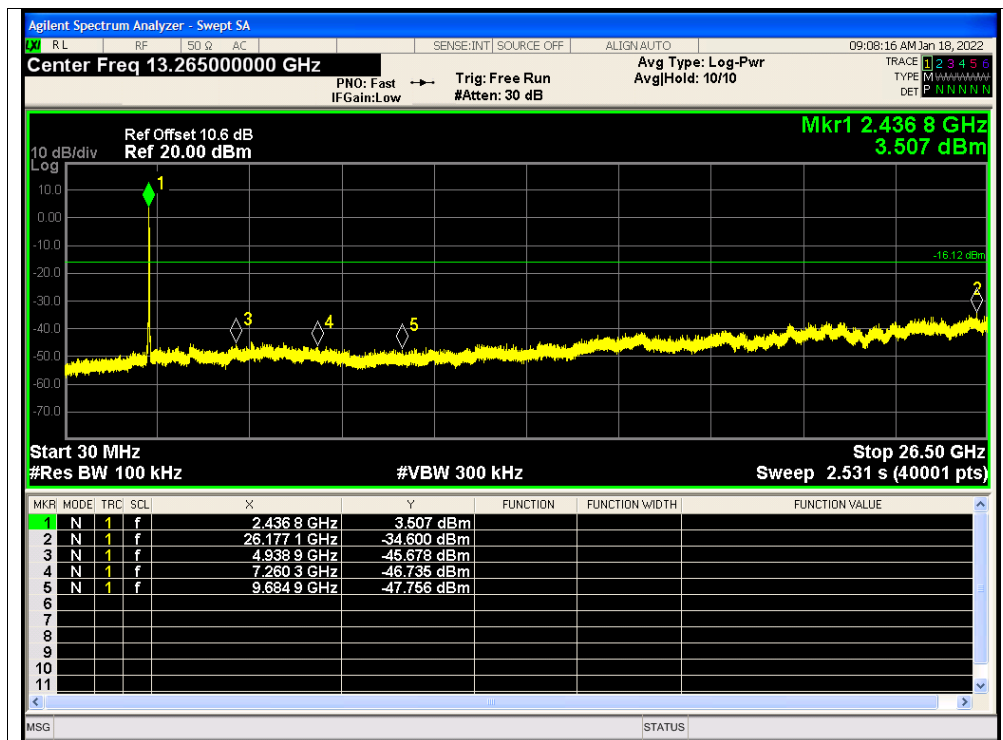
Out of Band Emission 2462MHz Ant1

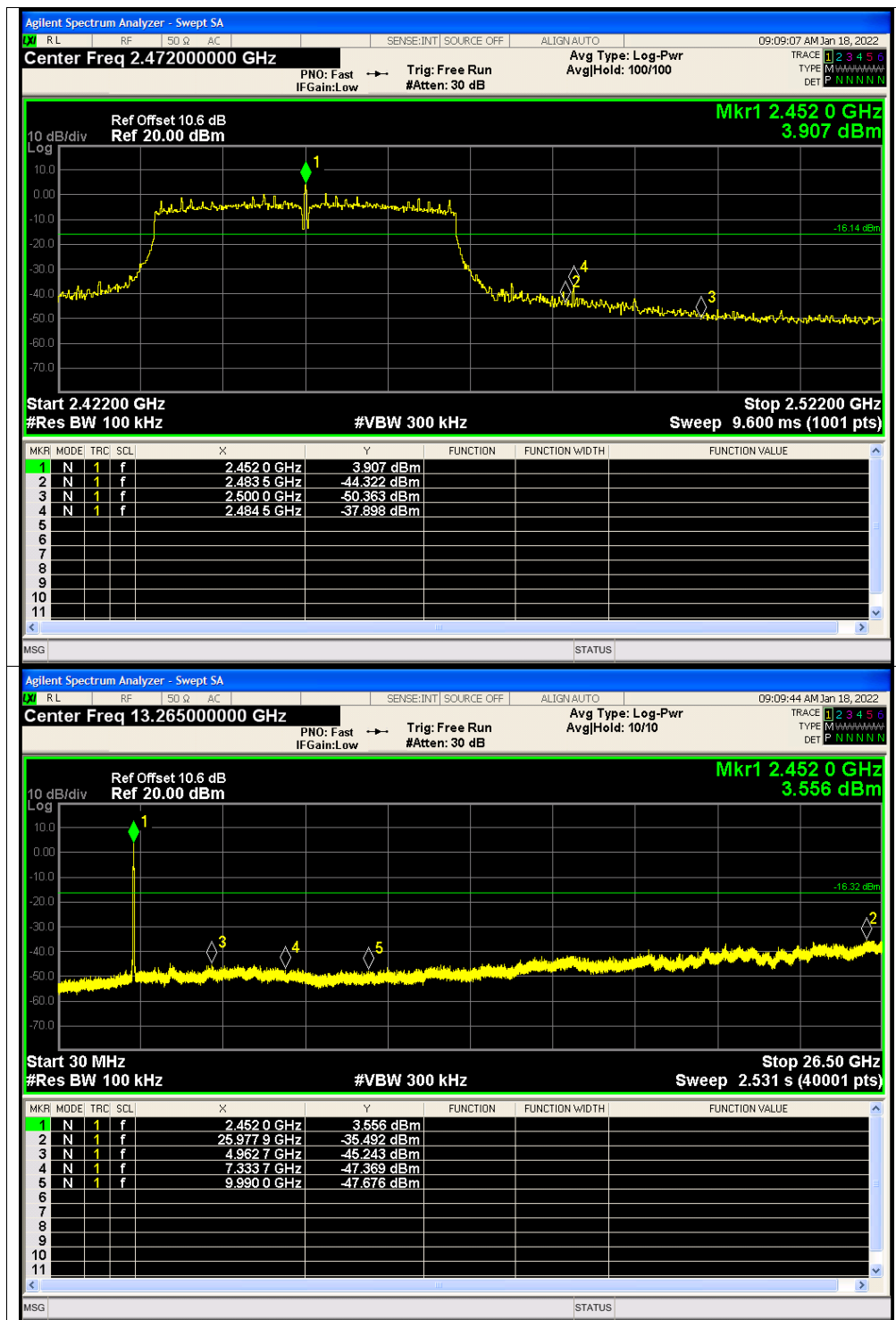


MIMO_Chain 1_ IEEE 802.11n-HT40









Appendix E

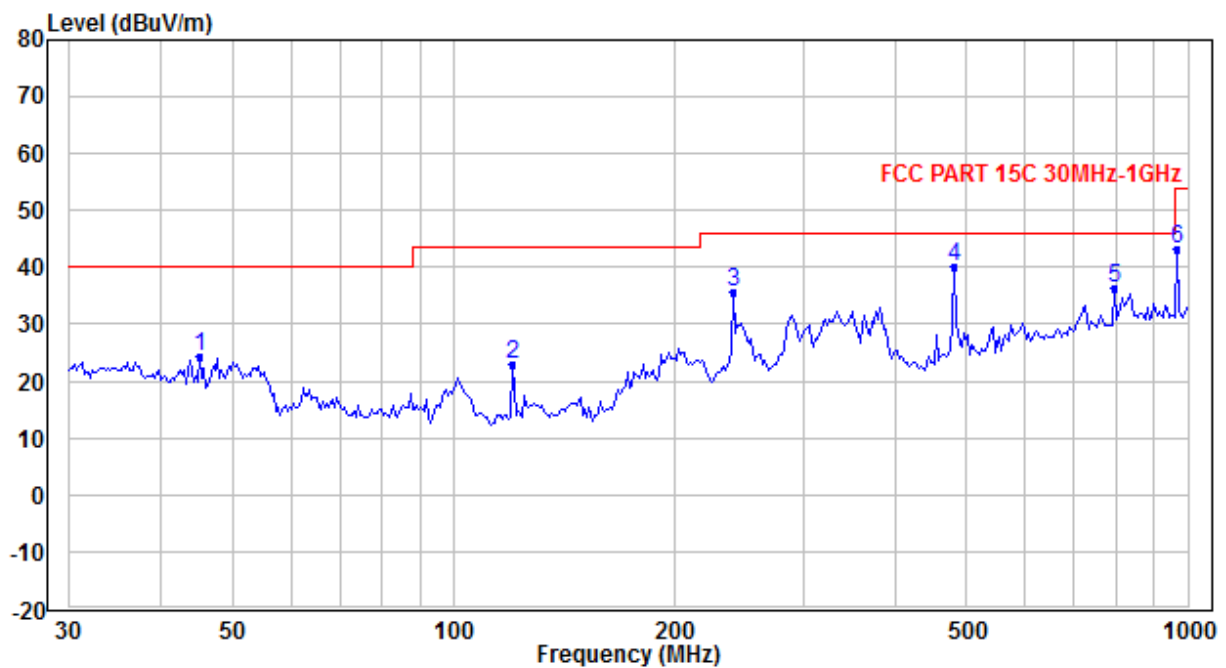
Radiated Emission Test Data (9 KHz ~ 30 MHz):

The amplitude of spurious emissions attenuated more than 20 dB below the permissible value is not required to be report.

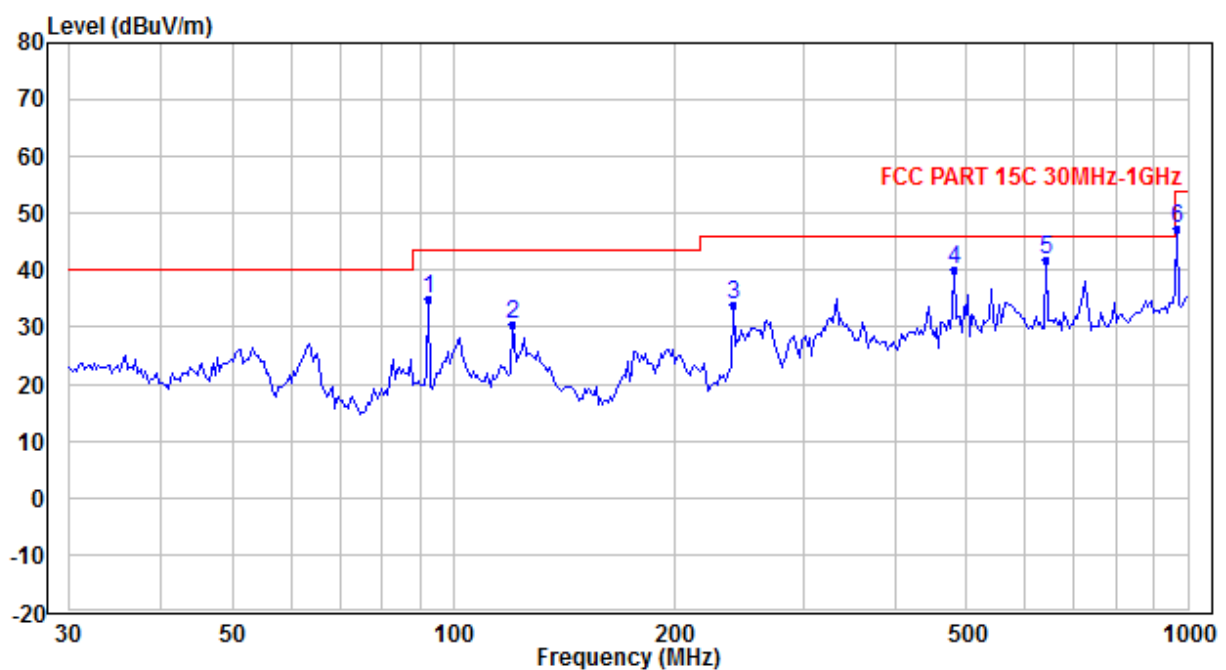
Radiated Emissions(30MHz-1GHz)

Test data 30MHz~1GHz:

Horizontal



Vertical



TEST REPORT

Test data 30MHz~1GHz:

Polarization	Frequency (MHz)	Measured level (dBμV/m)	Factor (dB/m)	Limits (dBμV/m)	Margin (dB)	Detector
H	240.144	35.83	-9.29	46.00	10.17	Peak
	331.786	32.29	-5.85	46.00	13.71	Peak
	381.852	32.82	-5.13	46.00	13.18	Peak
	481.511	40.19	-3.56	46.00	5.81	Peak
	793.028	36.26	2.21	46.00	9.74	Peak
	833.013	35.47	2.94	46.00	10.53	Peak
V	92.346	34.90	-16.30	43.50	8.60	Peak
	240.144	34.01	-9.29	46.00	11.99	Peak
	331.786	35.14	-5.85	46.00	10.86	Peak
	481.511	40.20	-3.56	46.00	5.80	Peak
	642.292	41.80	-0.01	46.00	4.20	Peak
	723.793	38.10	1.64	46.00	7.90	Peak

Remark:

- Factor= Antenna Factor + Cable Loss (-Amplifier, is employed)
- Measured level= Original Receiver Reading + Factor
- Margin = Limit – Measured level
- All possible modes of operation were investigated, only the worst-case emissions reported.
- Pre-scan test indicated that QP level is less than Peak level about 5dB in same frequency and same Polarization direction, so not all data was recorded by QP detector.

TEST REPORT

Radiated Emission Test Data (Above 1GHz):

SISO_Chain 0_IEEE 802.11b_Channel 1:								
No.	Frequency (MHz)	Reading (dBμV/m)	Correction factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Antenna Polaxis
1	4824	40.13	-2.33	37.8	74	36.2	Peak	Horizontal
2	4824	28.19	-2.33	25.86	54	28.14	Average	Horizontal
3	7236	40.40	1.47	41.87	74	32.13	Peak	Horizontal
4	7236	27.19	1.47	28.66	54	25.34	Average	Horizontal
5	4824	40.91	-2.33	38.58	74	35.42	Peak	Vertical
6	4824	29.28	-2.33	26.95	54	27.05	Average	Vertical
7	7236	41.63	1.47	43.1	74	30.90	Peak	Vertical
8	7236	28.53	1.47	30.00	54	24.00	Average	Vertical

SISO_Chain 0_IEEE 802.11b_Channel 6:								
No.	Frequency (MHz)	Reading (dBμV/m)	Correction factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Antenna Polaxis
1	4874	37.54	-2.29	35.25	74	38.75	Peak	Horizontal
2	4874	25.96	-2.29	23.67	54	30.33	Average	Horizontal
3	7311	46.90	1.6	48.5	74	25.50	Peak	Horizontal
4	7311	34.03	1.6	35.63	54	18.37	Average	Horizontal
5	4874	38.10	-2.29	35.81	74	38.19	Peak	Vertical
6	4874	26.16	-2.29	23.87	54	30.13	Average	Vertical
7	7311	49.67	1.6	51.27	74	22.73	Peak	Vertical
8	7311	36.64	1.6	38.24	54	15.76	Average	Vertical

SISO_Chain 0_IEEE 802.11b_Channel 11:								
No.	Frequency (MHz)	Reading (dBμV/m)	Correction factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Antenna Polaxis
1	4924	38.17	-2.26	35.91	74	38.09	Peak	Horizontal
2	4924	26.20	-2.26	23.94	54	30.06	Average	Horizontal
3	7386	44.67	1.72	46.39	74	27.61	Peak	Horizontal
4	7386	32.32	1.72	34.04	54	19.96	Average	Horizontal
5	4924	37.83	-2.26	35.57	74	38.43	Peak	Vertical
6	4924	26.27	-2.26	24.01	54	29.99	Average	Vertical
7	7386	45.80	1.72	47.52	74	26.48	Peak	Vertical
8	7386	33.23	1.72	34.95	54	19.05	Average	Vertical

SISO_Chain 1_IEEE 802.11b_Channel 1:

No.	Frequency (MHz)	Reading (dBμV/m)	Correction factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Antenna Polaxis
1	4824	40.05	-2.33	37.72	74	36.28	Peak	Horizontal
2	4824	27.77	-2.33	25.44	54	28.56	Average	Horizontal
3	7236	40.32	1.47	41.79	74	32.21	Peak	Horizontal
4	7236	27.42	1.47	28.89	54	25.11	Average	Horizontal
5	4824	41.61	-2.33	39.28	74	34.72	Peak	Vertical
6	4824	30.03	-2.33	27.70	54	26.30	Average	Vertical
7	7236	41.74	1.47	43.21	74	30.79	Peak	Vertical
8	7236	29.45	1.47	30.92	54	23.08	Average	Vertical

SISO_Chain 1_IEEE 802.11b_Channel 6:

No.	Frequency (MHz)	Reading (dBμV/m)	Correction factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Antenna Polaxis
1	4874	37.46	-2.29	35.17	74	38.83	Peak	Horizontal
2	4874	25.81	-2.29	23.52	54	30.48	Average	Horizontal
3	7311	41.29	1.60	42.89	74	31.11	Peak	Horizontal
4	7311	29.02	1.60	30.62	54	23.38	Average	Horizontal
5	4874	37.99	-2.29	35.70	74	38.30	Peak	Vertical
6	4874	26.39	-2.29	24.10	54	29.90	Average	Vertical
7	7311	41.69	1.60	43.29	74	30.71	Peak	Vertical
8	7311	29.28	1.60	30.88	54	23.12	Average	Vertical

SISO_Chain 1_IEEE 802.11b_Channel 11:

No.	Frequency (MHz)	Reading (dBμV/m)	Correction factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Antenna Polaxis
1	4924	38.99	-2.26	36.73	74	37.27	Peak	Horizontal
2	4924	27.00	-2.26	24.74	54	29.26	Average	Horizontal
3	7386	41.59	1.72	43.31	74	30.69	Peak	Horizontal
4	7386	28.73	1.72	30.45	54	23.55	Average	Horizontal
5	4924	38.14	-2.26	35.88	74	38.12	Peak	Vertical
6	4924	26.29	-2.26	24.03	54	29.97	Average	Vertical
7	7386	41.74	1.72	43.46	74	30.54	Peak	Vertical
8	7386	28.93	1.72	30.65	54	23.35	Average	Vertical

SISO_Chain 0_IEEE 802.11g_Channel 1:

No.	Frequency (MHz)	Reading (dBμV/m)	Correction factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Antenna Polaxis
1	4824	41.01	-2.33	38.68	74	35.32	Peak	Horizontal
2	4824	29.05	-2.33	26.72	54	27.28	Average	Horizontal
3	7236	40.85	1.47	42.32	74	31.68	Peak	Horizontal
4	7236	27.64	1.47	29.11	54	24.89	Average	Horizontal
5	4824	39.77	-2.33	37.44	74	36.56	Peak	Vertical
6	4824	27.89	-2.33	25.56	54	28.44	Average	Vertical
7	7236	40.51	1.47	41.98	74	32.02	Peak	Vertical
8	7236	27.87	1.47	29.34	54	24.66	Average	Vertical

SISO_Chain 0_IEEE 802.11g_Channel 6:

No.	Frequency (MHz)	Reading (dBμV/m)	Correction factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Antenna Polaxis
1	4874	37.86	-2.29	35.57	74	38.43	Peak	Horizontal
2	4874	26.22	-2.29	23.93	54	30.07	Average	Horizontal
3	7311	44.94	1.60	46.54	74	27.46	Peak	Horizontal
4	7311	32.51	1.60	34.11	54	19.89	Average	Horizontal
5	4874	38.19	-2.29	35.90	74	38.10	Peak	Vertical
6	4874	26.16	-2.29	23.87	54	30.13	Average	Vertical
7	7311	46.57	1.60	48.17	74	25.83	Peak	Vertical
8	7311	33.66	1.60	35.26	54	18.74	Average	Vertical

SISO_Chain 0_IEEE 802.11g_Channel 11:

No.	Frequency (MHz)	Reading (dBμV/m)	Correction factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Antenna Polaxis
1	4924	37.79	-2.26	35.53	74	38.47	Peak	Horizontal
2	4924	25.52	-2.26	23.26	54	30.74	Average	Horizontal
3	7386	51.86	1.72	53.58	74	20.42	Peak	Horizontal
4	7386	39.51	1.72	41.23	54	12.77	Average	Horizontal
5	4924	38.51	-2.26	36.25	74	37.75	Peak	Vertical
6	4924	26.89	-2.26	24.63	54	29.37	Average	Vertical
7	7386	51.05	1.72	52.77	74	21.23	Peak	Vertical
8	7386	38.10	1.72	39.82	54	14.18	Average	Vertical

SISO_Chain 1_IEEE 802.11g_Channel 1:

No.	Frequency (MHz)	Reading (dBμV/m)	Correction factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Antenna Polaxis
1	4824	40.63	-2.33	38.30	74	35.70	Peak	Horizontal
2	4824	28.70	-2.33	26.37	54	27.63	Average	Horizontal
3	7236	42.25	1.47	43.72	74	30.28	Peak	Horizontal
4	7236	29.38	1.47	30.85	54	23.15	Average	Horizontal
5	4824	40.44	-2.33	38.11	74	35.89	Peak	Vertical
6	4824	28.36	-2.33	26.03	54	27.97	Average	Vertical
7	7236	40.42	1.47	41.89	74	32.11	Peak	Vertical
8	7236	27.97	1.47	29.44	54	24.56	Average	Vertical

SISO_Chain 1_IEEE 802.11g_Channel 6:

No.	Frequency (MHz)	Reading (dBμV/m)	Correction factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Antenna Polaxis
1	4874	38.47	-2.29	36.18	74	37.82	Peak	Horizontal
2	4874	26.26	-2.29	23.97	54	30.03	Average	Horizontal
3	7311	42.56	1.60	44.16	74	29.84	Peak	Horizontal
4	7311	29.55	1.60	31.15	54	22.85	Average	Horizontal
5	4874	38.24	-2.29	35.95	74	38.05	Peak	Vertical
6	4874	26.48	-2.29	24.19	54	29.81	Average	Vertical
7	7311	42.46	1.60	44.06	74	29.94	Peak	Vertical
8	7311	29.79	1.60	31.39	54	22.61	Average	Vertical

SISO_Chain 1_IEEE 802.11g_Channel 11:

No.	Frequency (MHz)	Reading (dBμV/m)	Correction factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Antenna Polaxis
1	4924	38.51	-2.26	36.25	74	37.75	Peak	Horizontal
2	4924	26.44	-2.26	24.18	54	29.82	Average	Horizontal
3	7386	41.13	1.72	42.85	74	31.15	Peak	Horizontal
4	7386	28.83	1.72	30.55	54	23.45	Average	Horizontal
5	4924	38.35	-2.26	36.09	74	37.91	Peak	Vertical
6	4924	26.71	-2.26	24.45	54	29.55	Average	Vertical
7	7386	44.45	1.72	46.17	74	27.83	Peak	Vertical
8	7386	31.80	1.72	33.52	54	20.48	Average	Vertical

MIMO_Chain 0+1_ IEEE 802.11n-HT20_Channel 1:

No.	Frequency (MHz)	Reading (dBμV/m)	Correction factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Antenna Polaxis
1	4824	39.40	-2.33	37.07	74	36.93	Peak	Horizontal
2	4824	27.38	-2.33	25.05	54	28.95	Average	Horizontal
3	7236	40.32	1.47	41.79	74	32.21	Peak	Horizontal
4	7236	27.24	1.47	28.71	54	25.29	Average	Horizontal
5	4824	39.90	-2.33	37.57	74	36.43	Peak	Vertical
6	4824	28.14	-2.33	25.81	54	28.19	Average	Vertical
7	7236	40.14	1.47	41.61	74	32.39	Peak	Vertical
8	7236	27.54	1.47	29.01	54	24.99	Average	Vertical

MIMO_Chain 0+1_ IEEE 802.11n-HT20_Channel 6:

No.	Frequency (MHz)	Reading (dBμV/m)	Correction factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Antenna Polaxis
1	4874	37.88	-2.29	35.59	74	38.41	Peak	Horizontal
2	4874	26.09	-2.29	23.80	54	30.20	Average	Horizontal
3	7311	42.25	1.60	43.85	74	30.15	Peak	Horizontal
4	7311	29.85	1.60	31.45	54	22.55	Average	Horizontal
5	4874	38.67	-2.29	36.38	74	37.62	Peak	Vertical
6	4874	26.33	-2.29	24.04	54	29.96	Average	Vertical
7	7311	44.75	1.60	46.35	74	27.65	Peak	Vertical
8	7311	31.57	1.60	33.17	54	20.83	Average	Vertical

MIMO_Chain 0+1_ IEEE 802.11n-HT20_Channel 11:

No.	Frequency (MHz)	Reading (dBμV/m)	Correction factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Antenna Polaxis
1	4924	38.79	-2.26	36.53	74	37.47	Peak	Horizontal
2	4924	26.82	-2.26	24.56	54	29.44	Average	Horizontal
3	7386	44.42	1.72	46.14	74	27.86	Peak	Horizontal
4	7386	31.87	1.72	33.59	54	20.41	Average	Horizontal
5	4924	37.83	-2.26	35.57	74	38.43	Peak	Vertical
6	4924	25.68	-2.26	23.42	54	30.58	Average	Vertical
7	7386	45.80	1.72	47.52	74	26.48	Peak	Vertical
8	7386	33.02	1.72	34.74	54	19.26	Average	Vertical

MIMO_Chain 0+1_ IEEE 802.11n-HT40_Channel 3:								
No.	Frequency (MHz)	Reading (dBμV/m)	Correction factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Antenna Polaxis
1	4844	40.18	-2.32	37.86	74	36.14	Peak	Horizontal
2	4844	28.26	-2.32	25.94	54	28.06	Average	Horizontal
3	7266	40.60	1.52	42.12	74	31.88	Peak	Horizontal
4	7266	27.78	1.52	29.30	54	24.70	Average	Horizontal
5	4844	39.88	-2.32	37.56	74	36.14	Peak	Vertical
6	4844	28.22	-2.32	25.90	54	28.10	Average	Vertical
7	7266	39.90	1.52	41.42	74	31.88	Peak	Vertical
8	7266	27.60	1.52	29.12	54	24.88	Average	Vertical

MIMO_Chain 0+1_ IEEE 802.11n-HT40_Channel 6:								
No.	Frequency (MHz)	Reading (dBμV/m)	Correction factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Antenna Polaxis
1	4874	37.88	-2.29	35.59	74	38.41	Peak	Horizontal
2	4874	26.09	-2.29	23.80	54	30.20	Average	Horizontal
3	7311	42.25	1.60	43.85	74	30.15	Peak	Horizontal
4	7311	29.85	1.60	31.45	54	22.55	Average	Horizontal
5	4874	38.84	-2.29	36.55	74	37.45	Peak	Vertical
6	4874	27.28	-2.29	24.99	54	29.01	Average	Vertical
7	7311	40.51	1.60	42.11	74	31.89	Peak	Vertical
8	7311	27.70	1.60	29.30	54	24.70	Average	Vertical

MIMO_Chain 0+1_ IEEE 802.11n-HT40_Channel 9:								
No.	Frequency (MHz)	Reading (dBμV/m)	Correction factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Antenna Polaxis
1	4904	37.79	-2.26	35.53	74	38.47	Peak	Horizontal
2	4904	25.96	-2.26	23.70	54	30.30	Average	Horizontal
3	7356	41.72	1.72	43.44	74	30.56	Peak	Horizontal
4	7356	28.99	1.72	30.71	54	23.29	Average	Horizontal
5	4904	37.81	-2.26	35.55	74	38.45	Peak	Vertical
6	4904	25.99	-2.26	23.73	54	30.27	Average	Vertical
7	7356	41.92	1.72	43.64	74	30.36	Peak	Vertical
8	7356	29.23	1.72	30.95	54	23.05	Average	Vertical

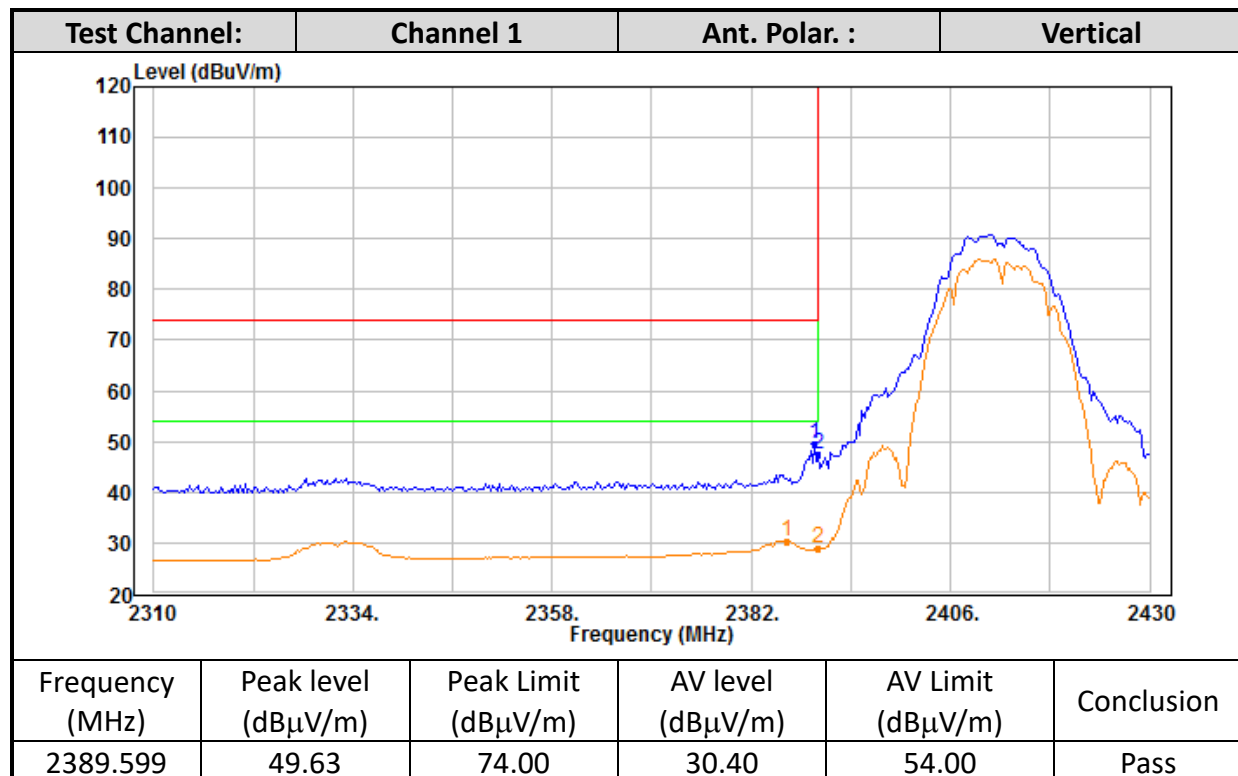
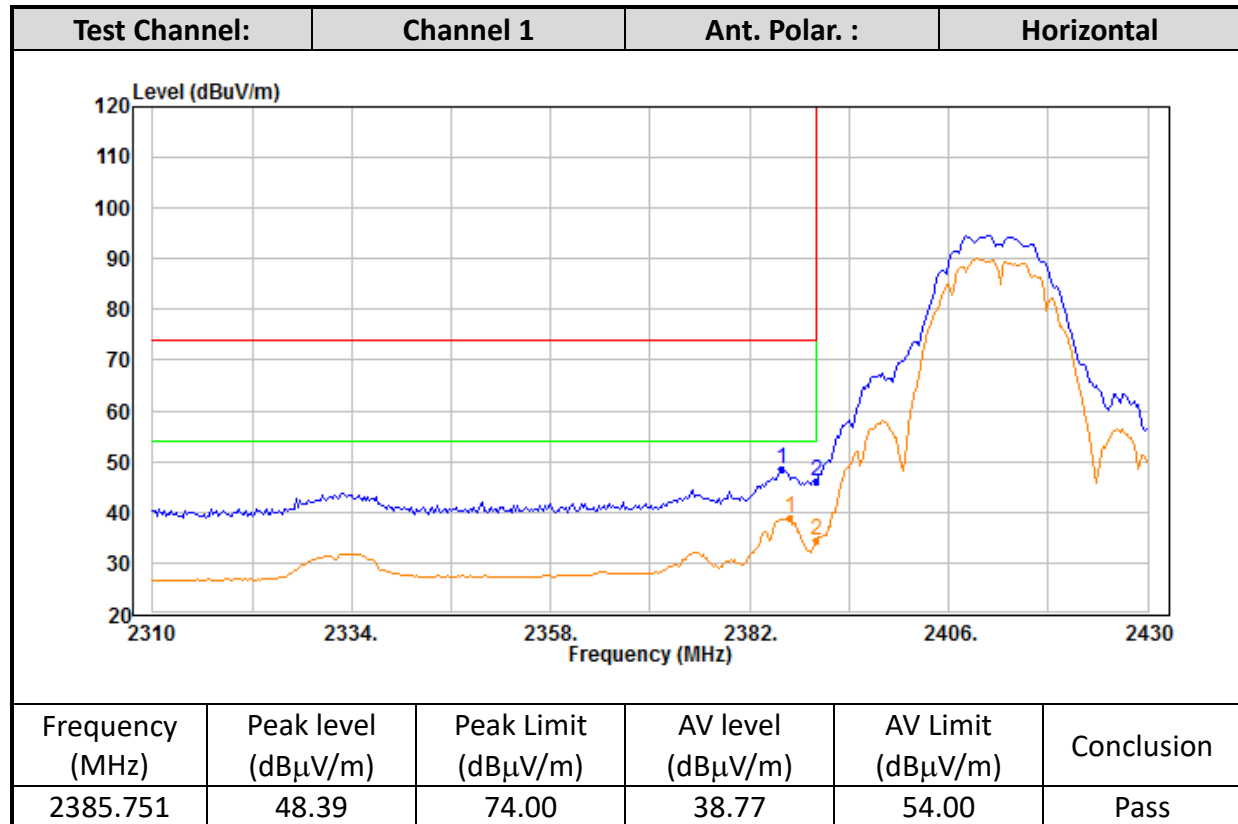
Remark:

1. Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain, the value was added to Original Receiver Reading by the software automatically.
2. Result = Reading + Correct Factor.
3. Margin = Result – Limit

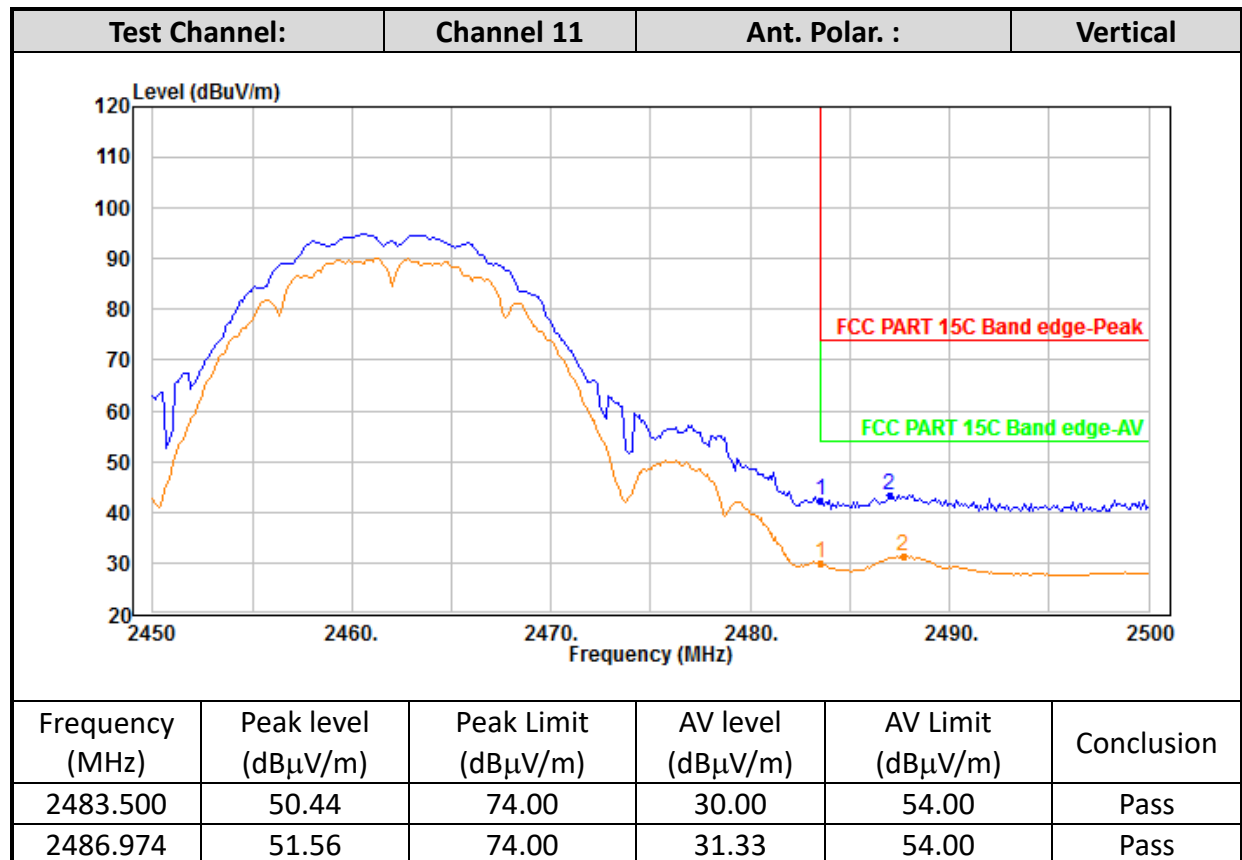
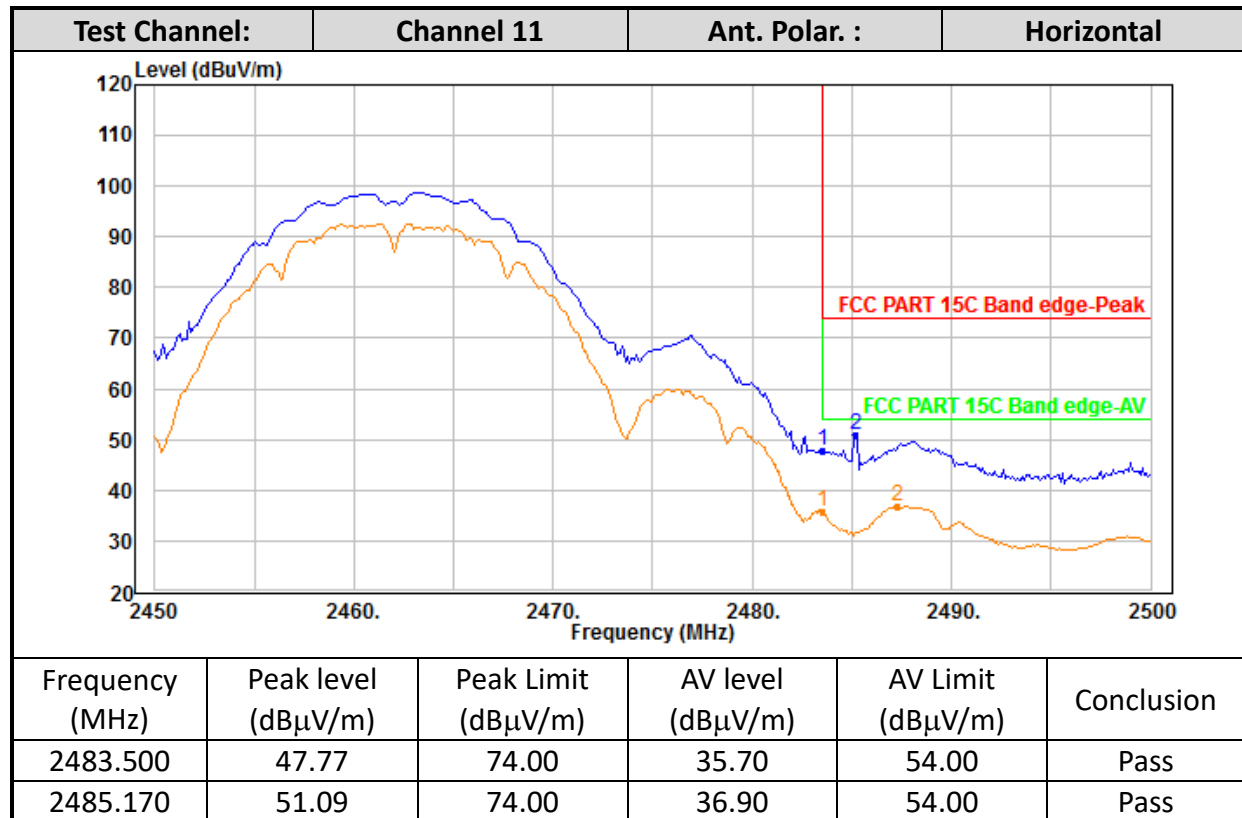
TEST REPORT

Band Edge Measurements (Radiated)

SISO_Chain 0_IEEE 802.11b

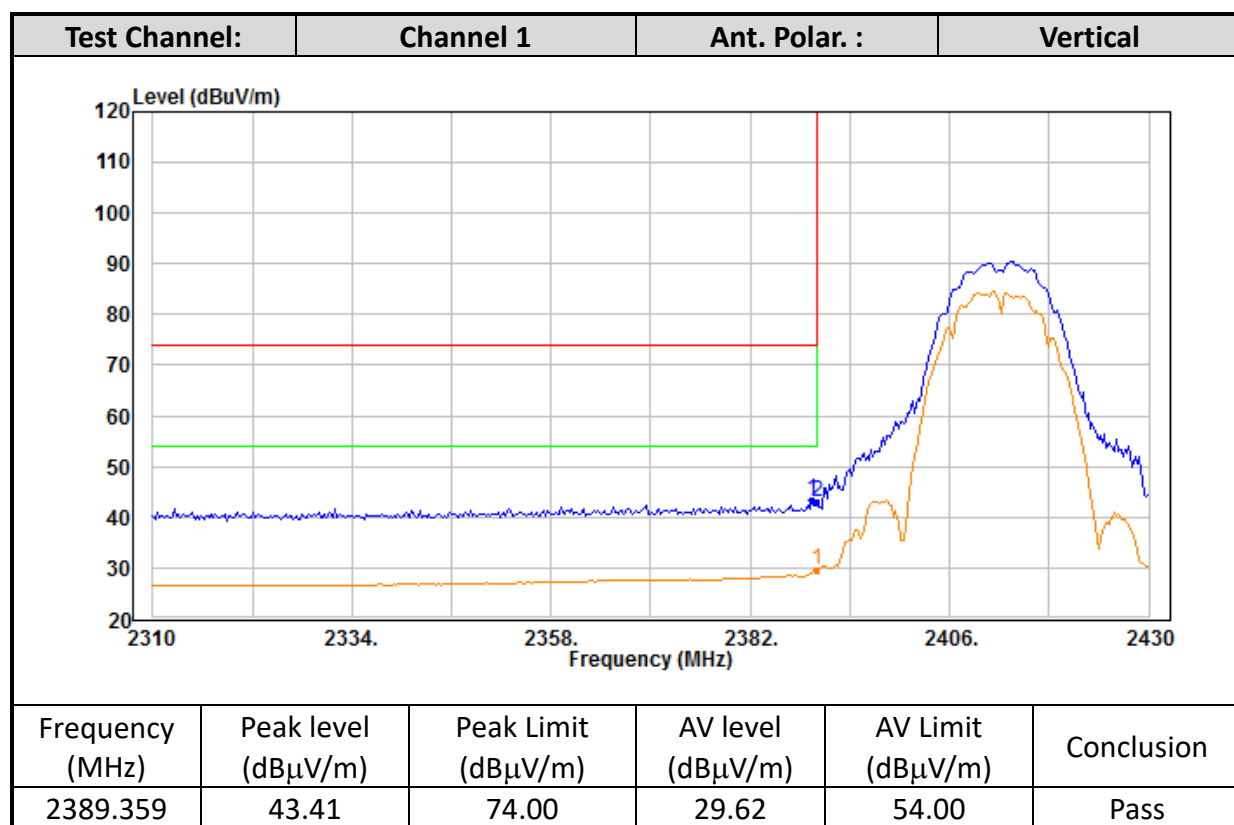
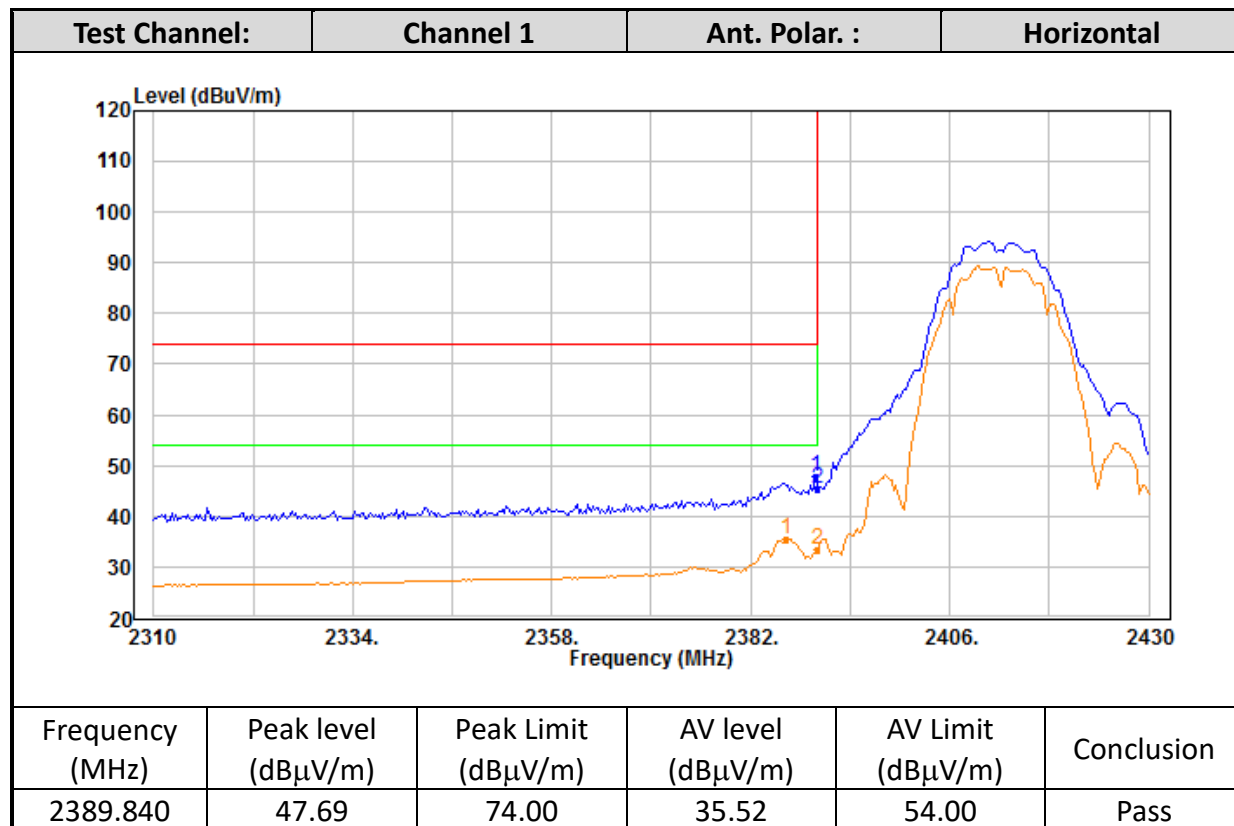


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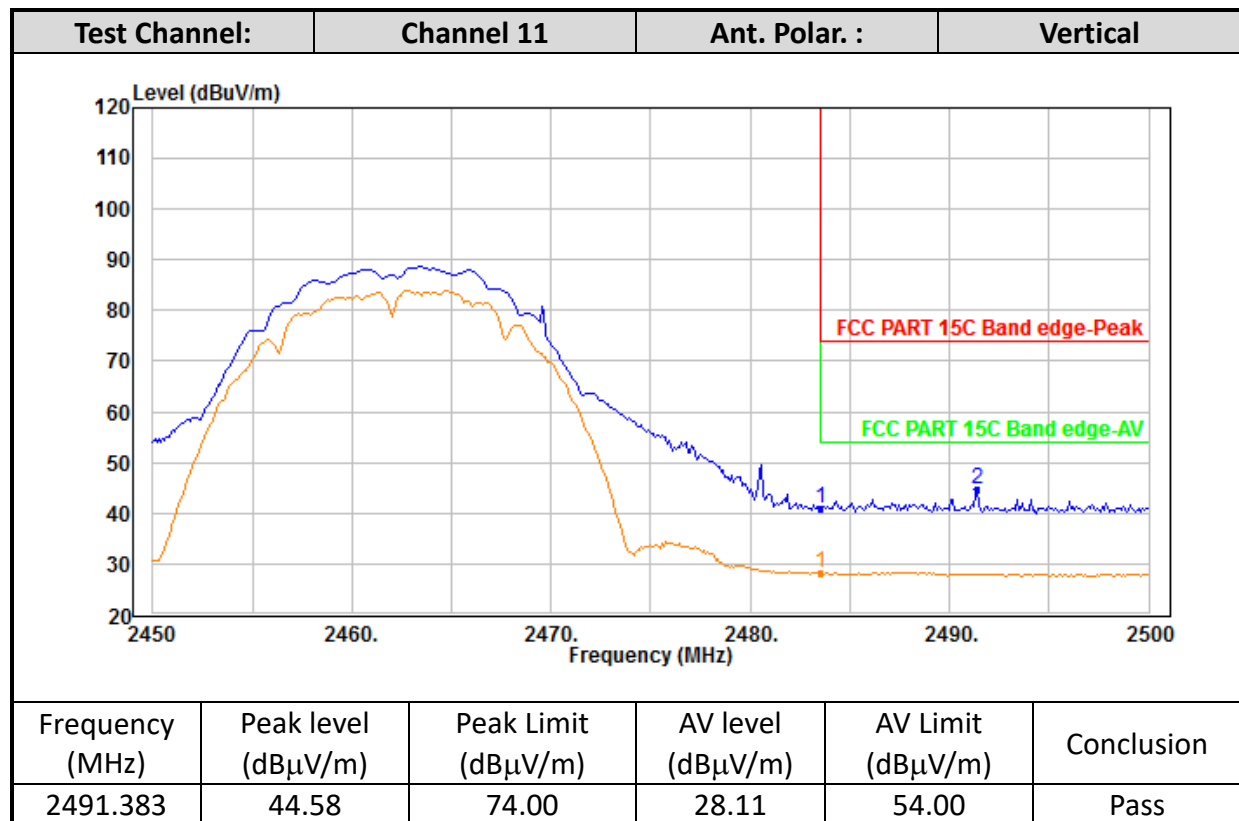
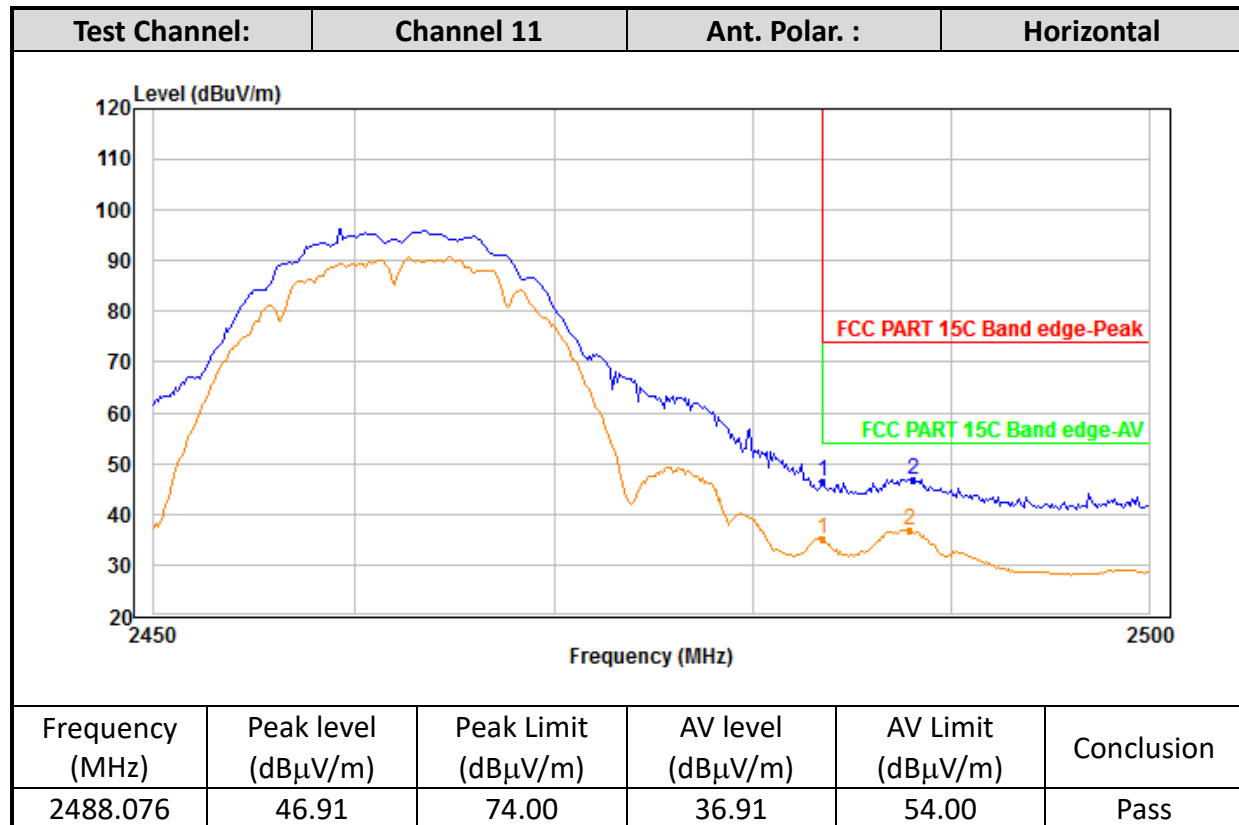


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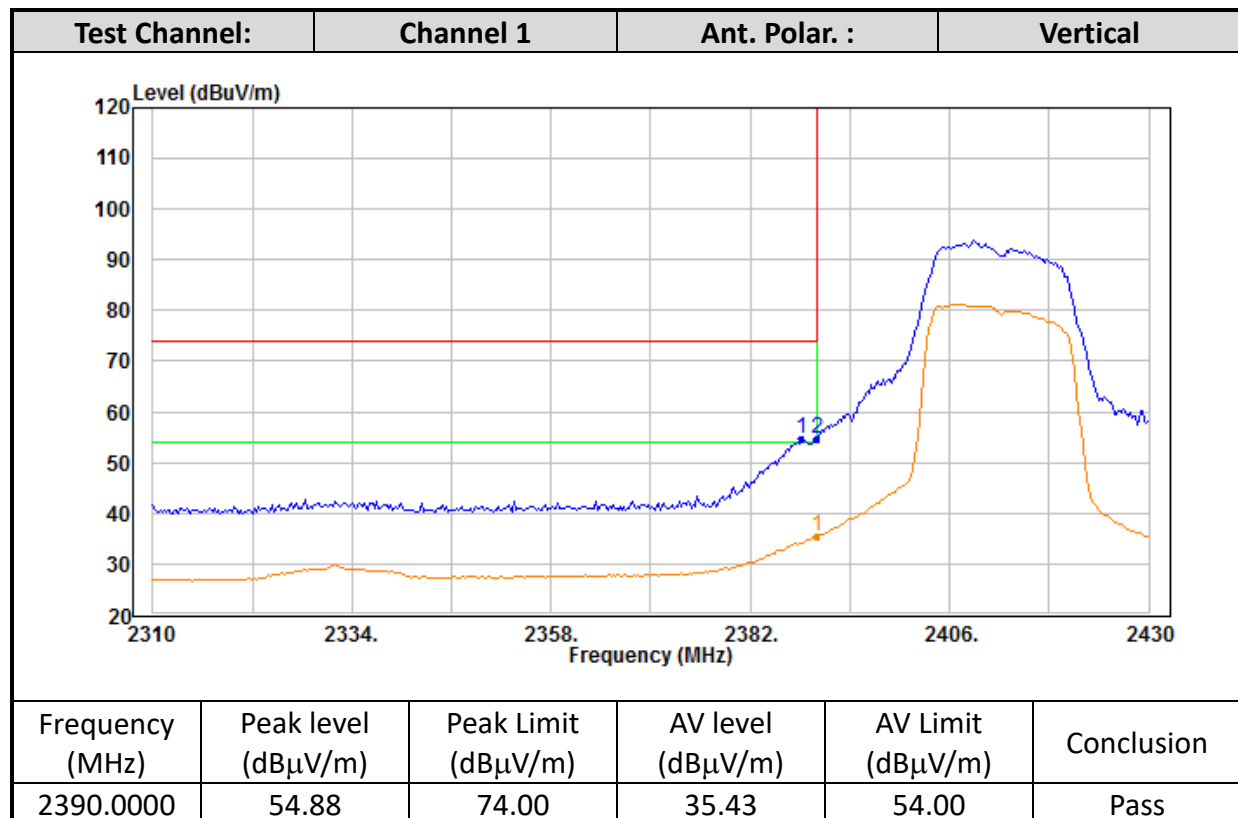
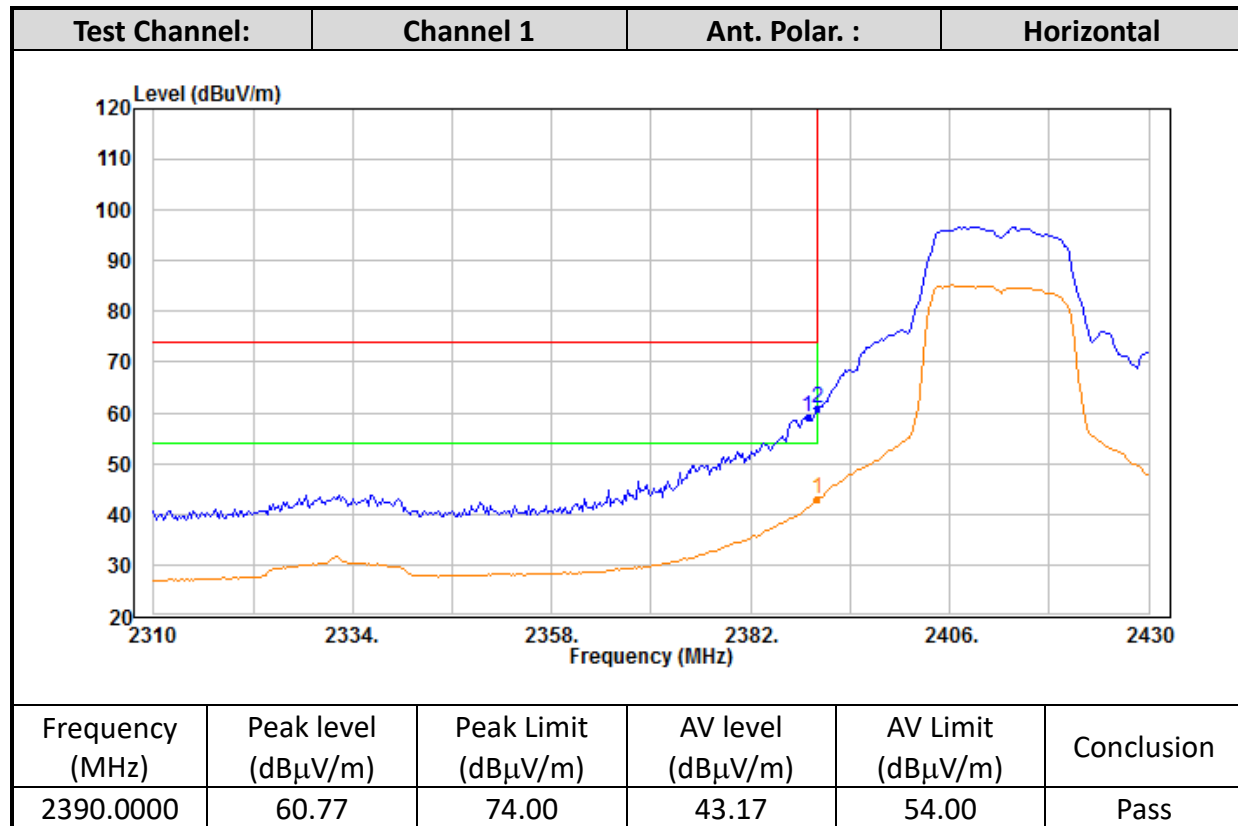
SISO_Chain 1_IEEE 802.11b

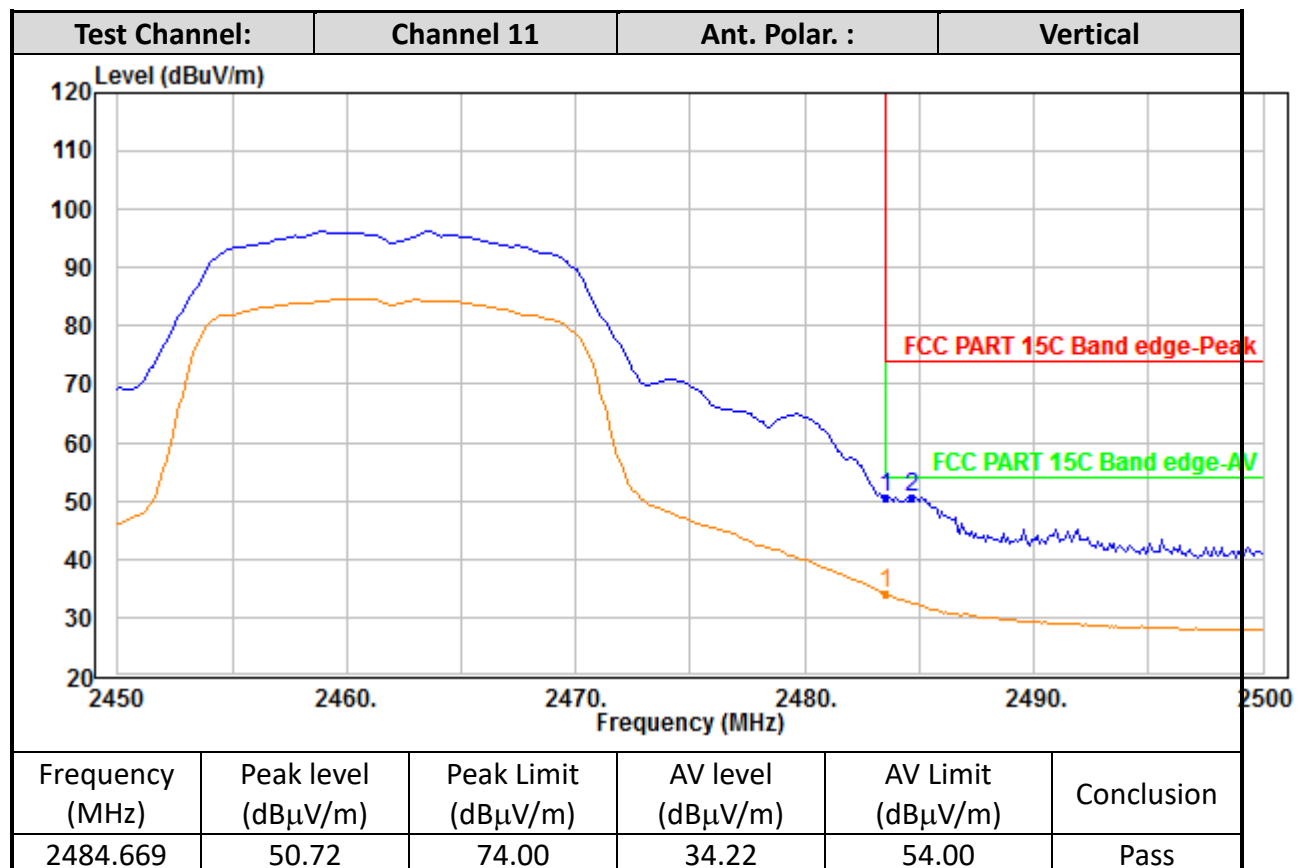
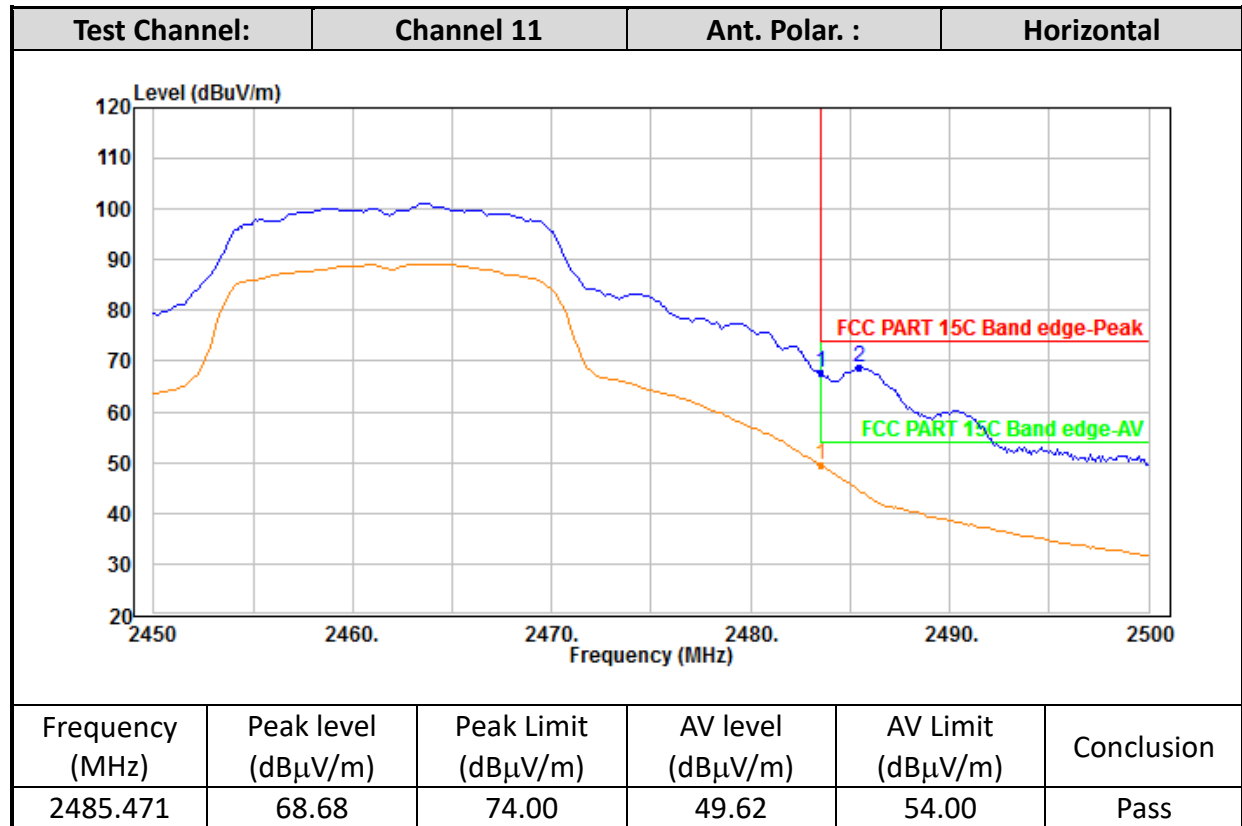


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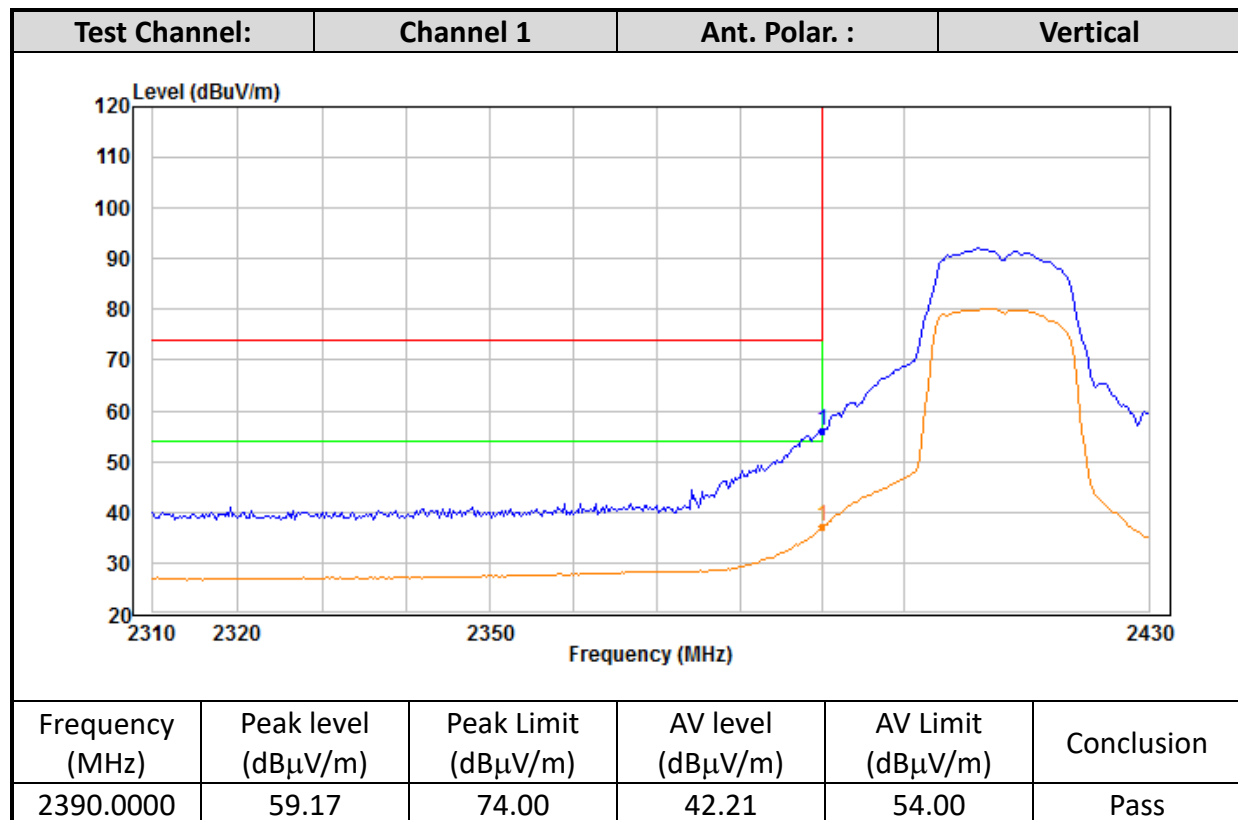
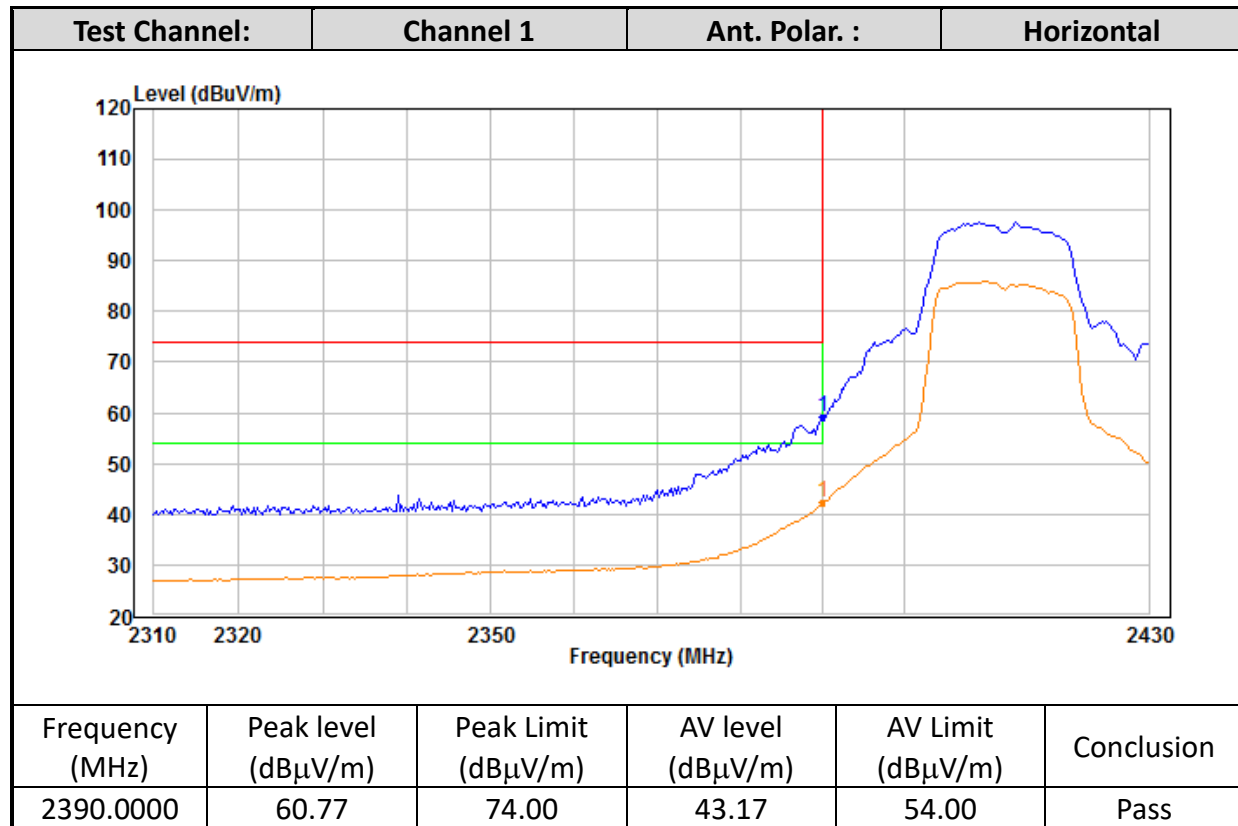
SISO_Chain 0_ IEEE 802.11g



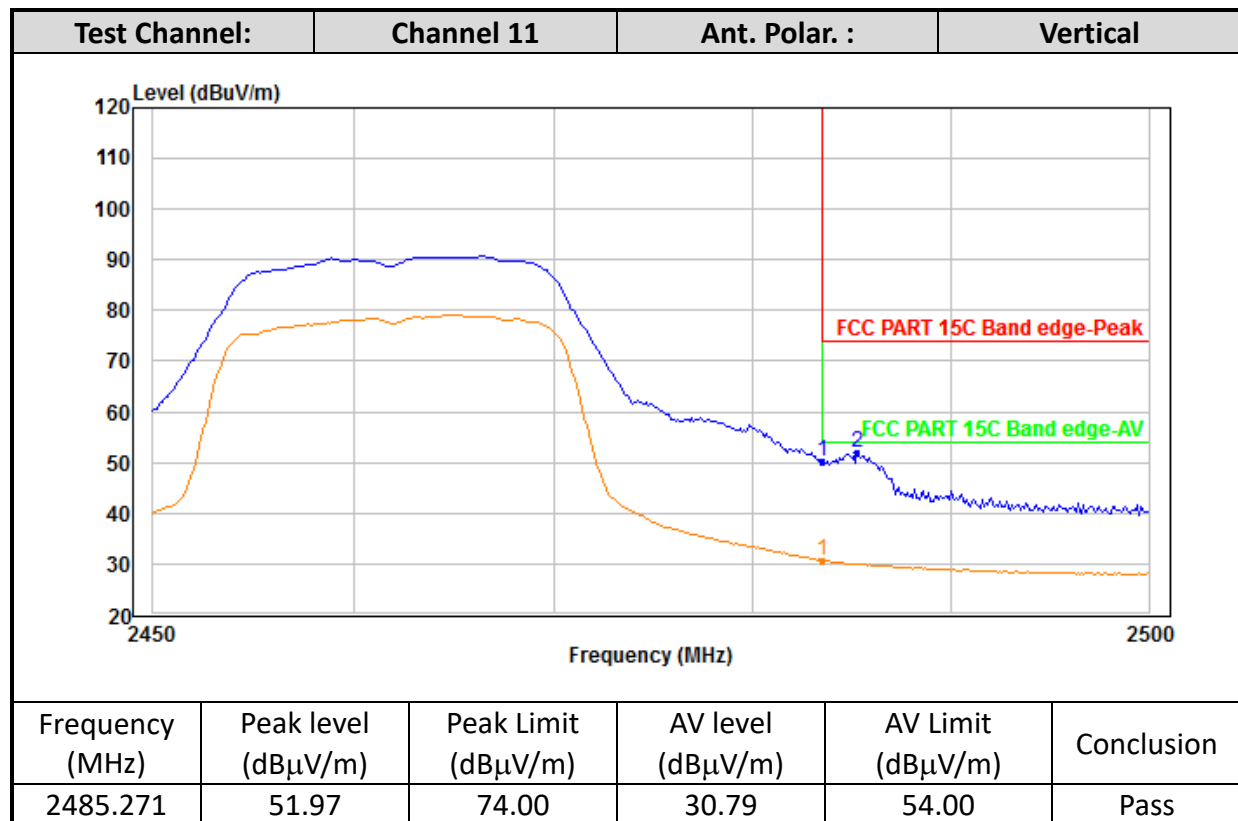
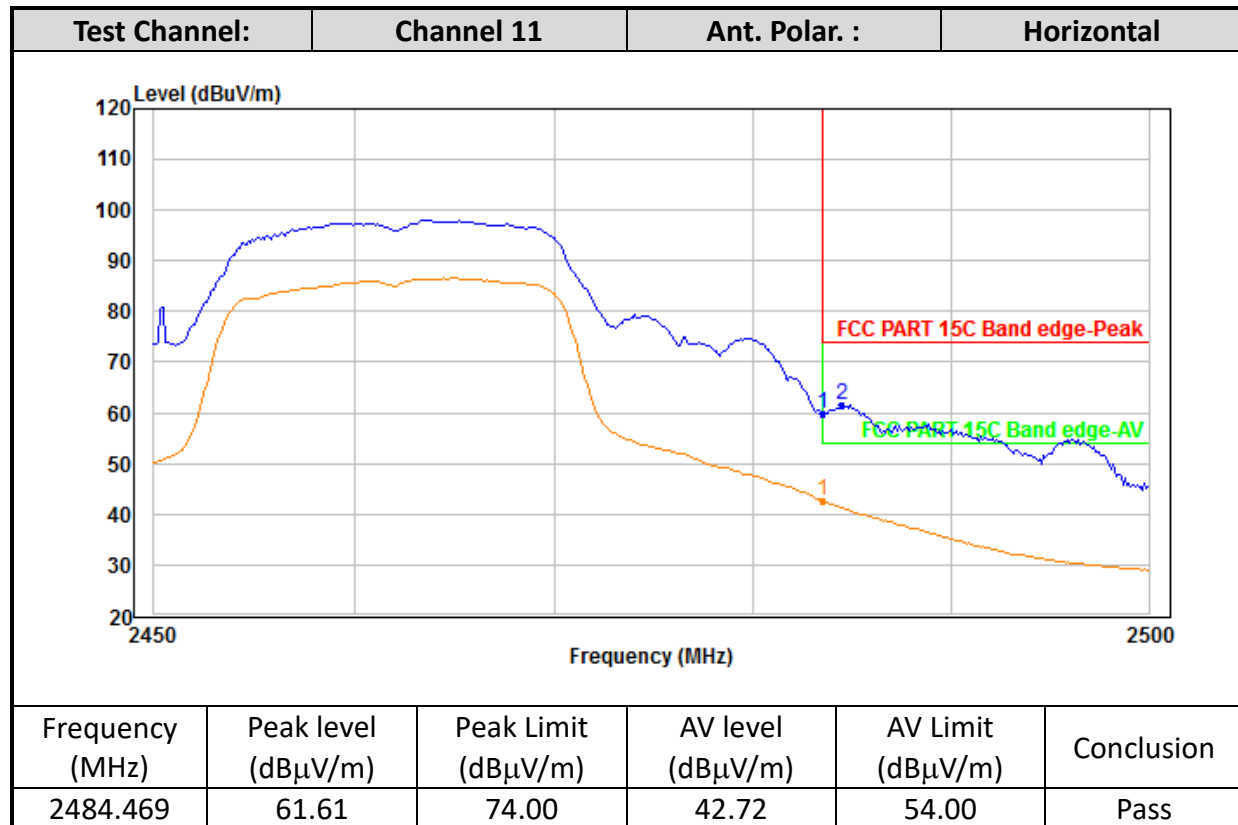


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SISO_Chain 1_ IEEE 802.11g

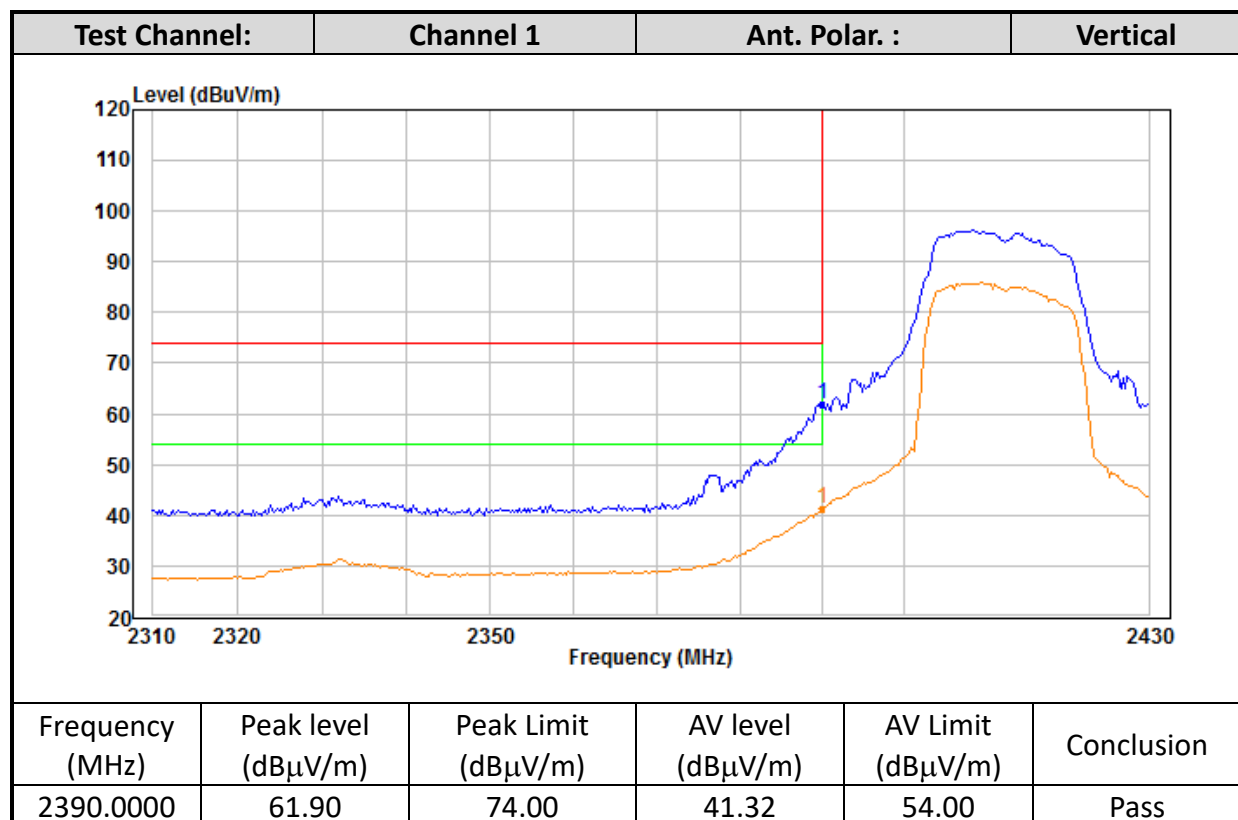
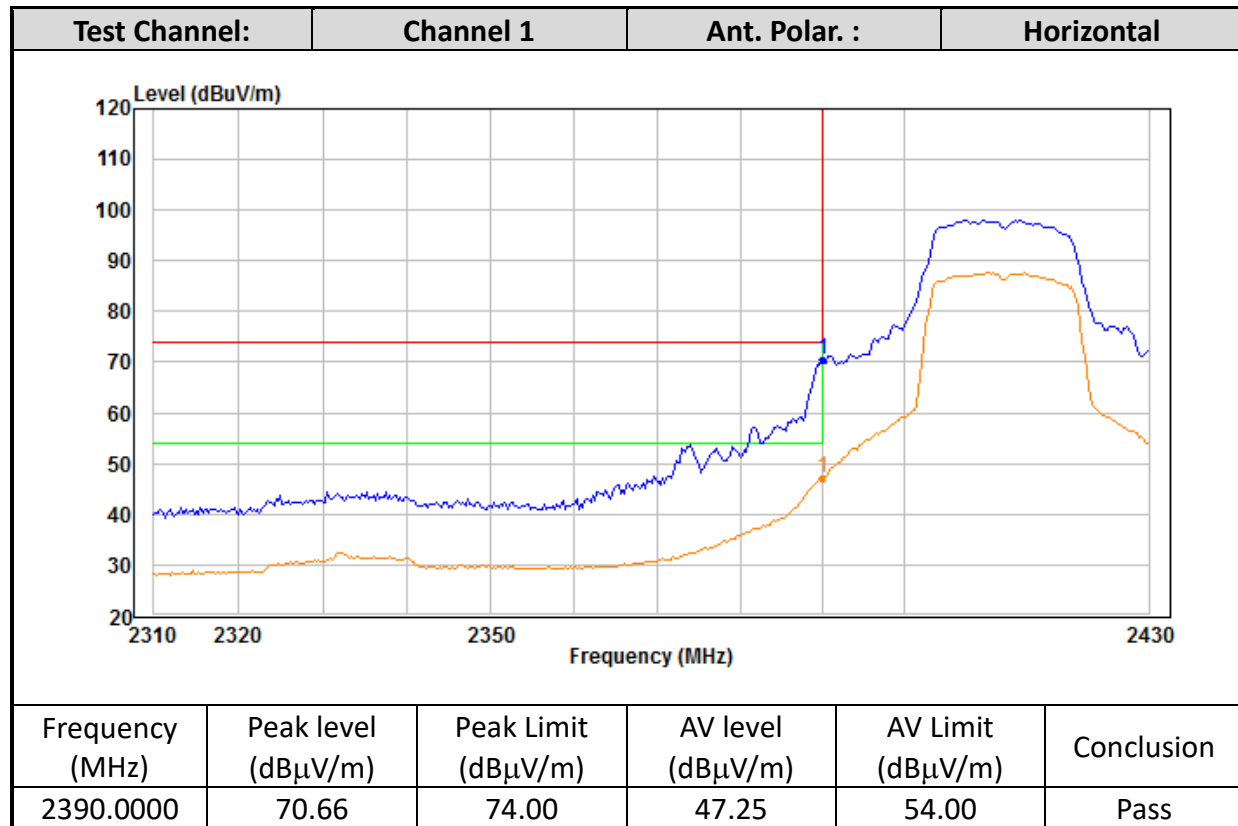


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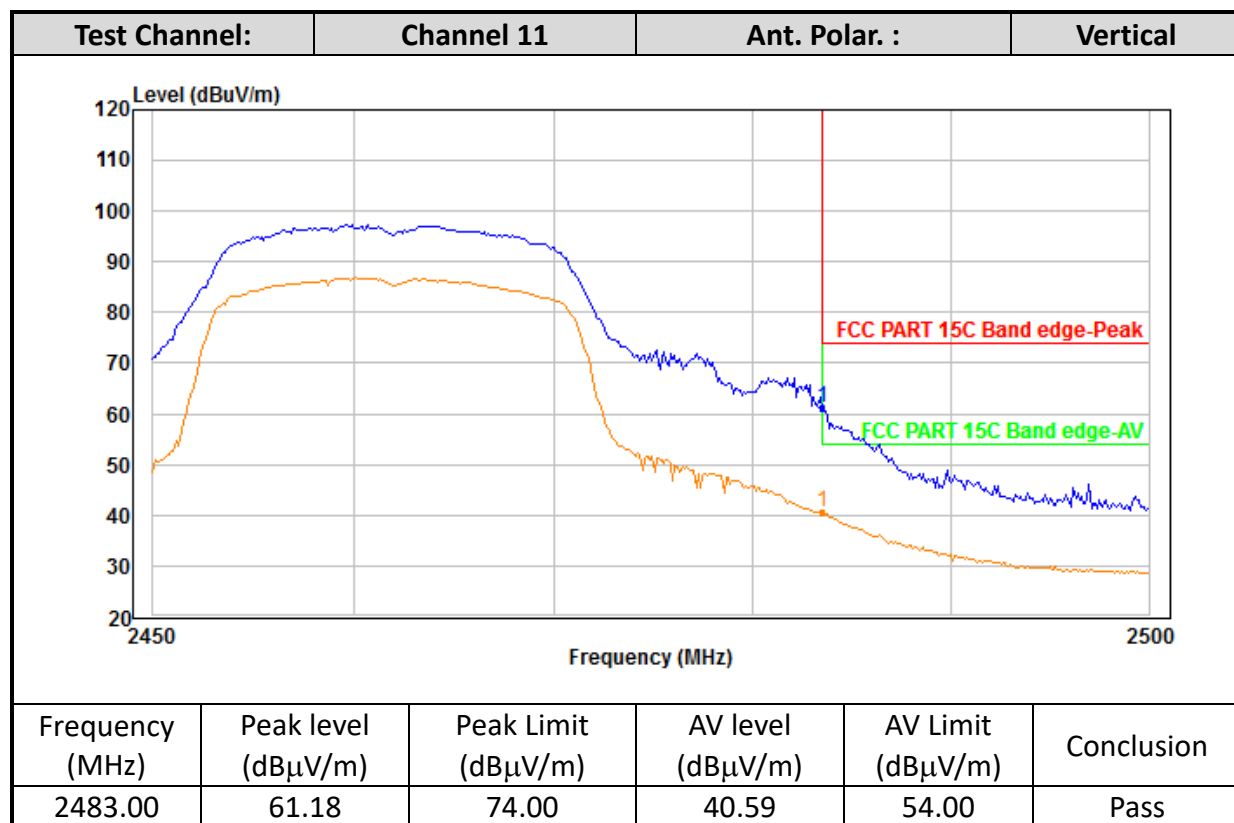
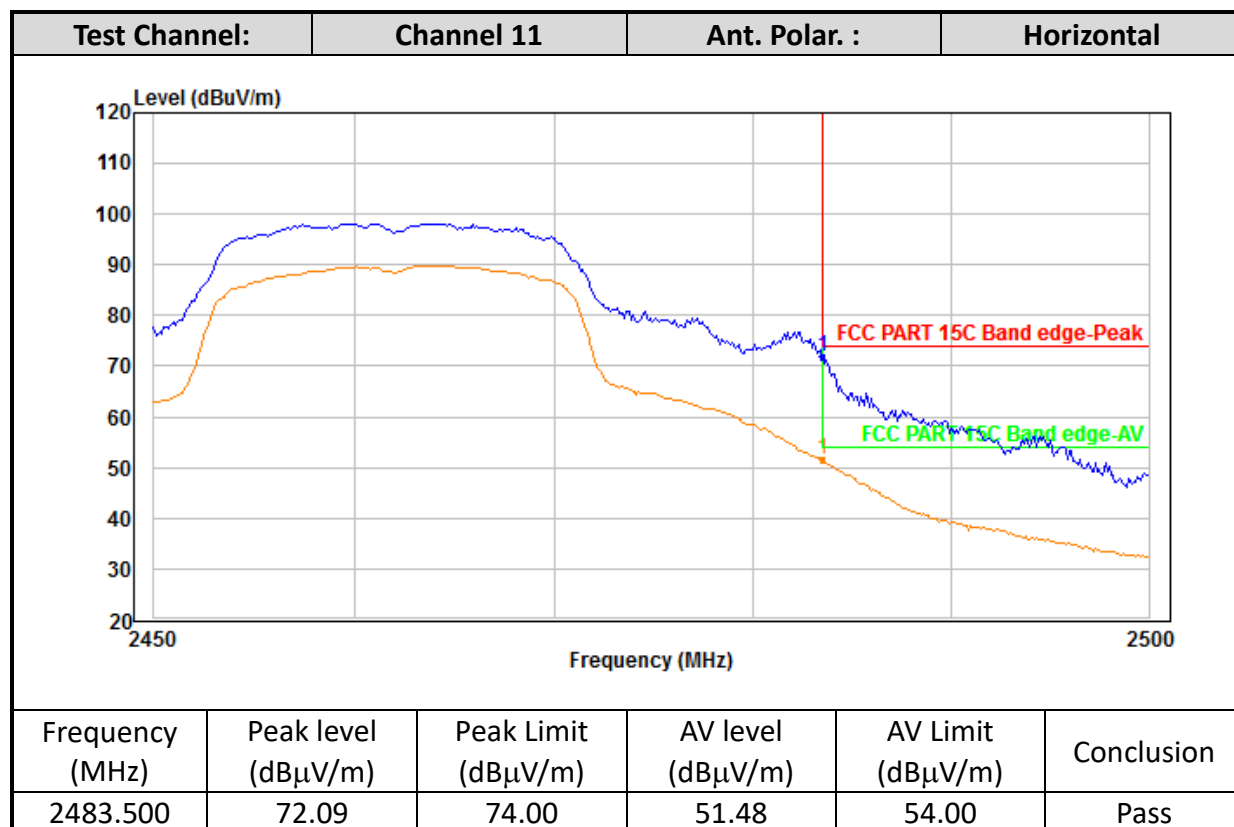


TEST REPORT

MIMO_Chain 0+1_ IEEE 802.11n-HT20

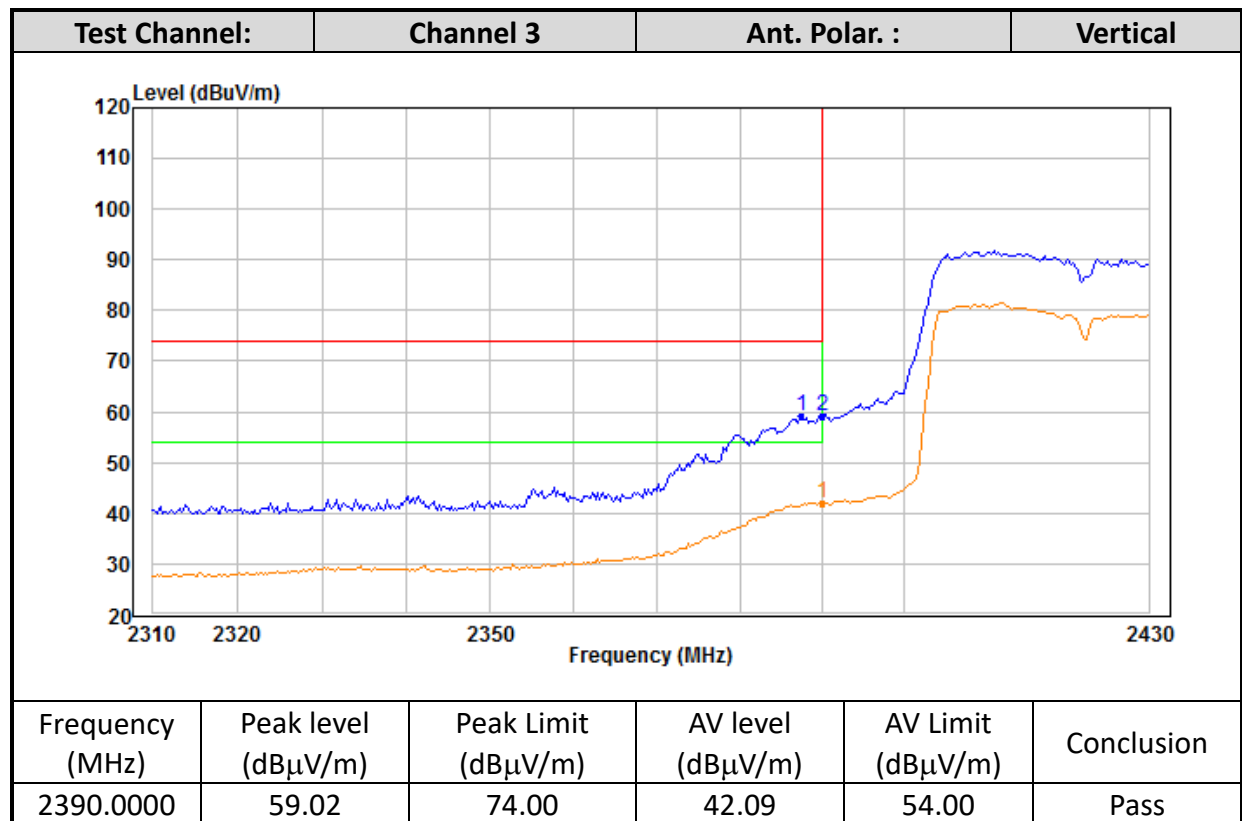
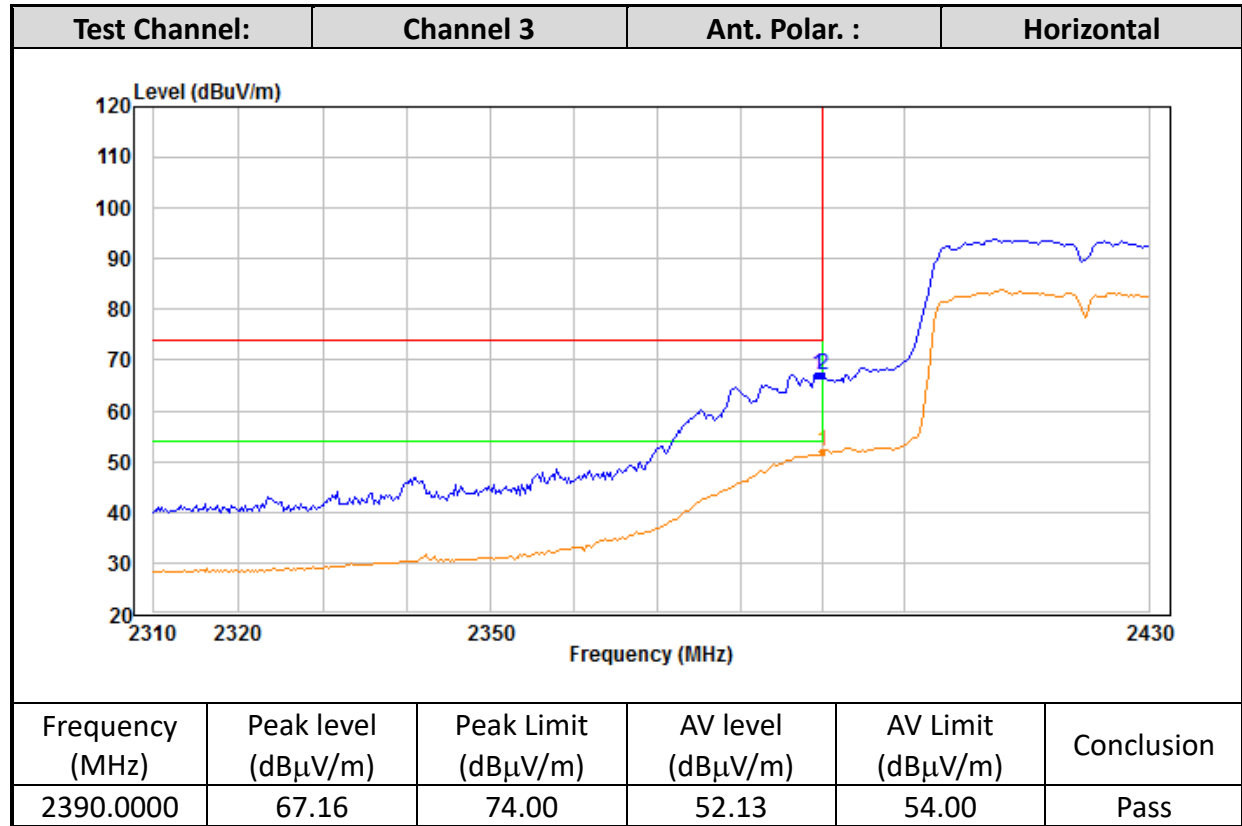


TEST REPORT



TEST REPORT

MIMO_Chain 0+1_ IEEE 802.11n-HT40



TEST REPORT

