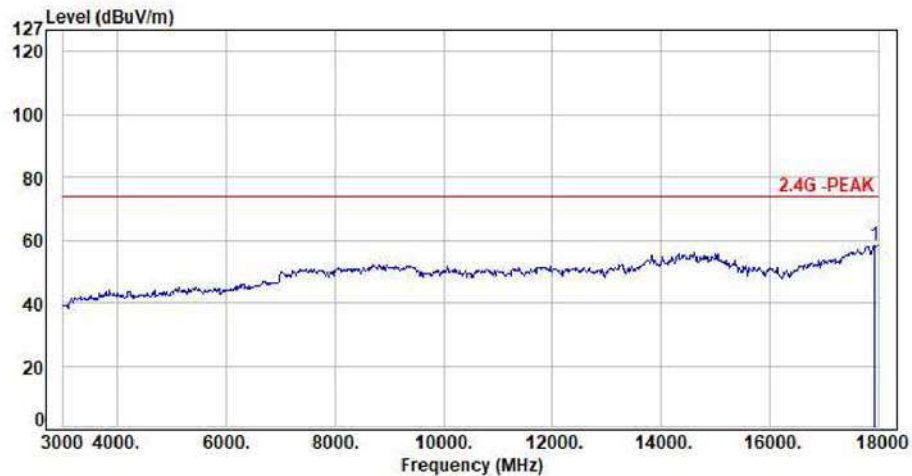




SISO ANT A

Test Mode : 1TX 11g CH01 6Mbps
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	17910.00	13.51	44.98	58.49	74.00	-15.51	Peak	150	360	P

Note: Level=Reading+Factor

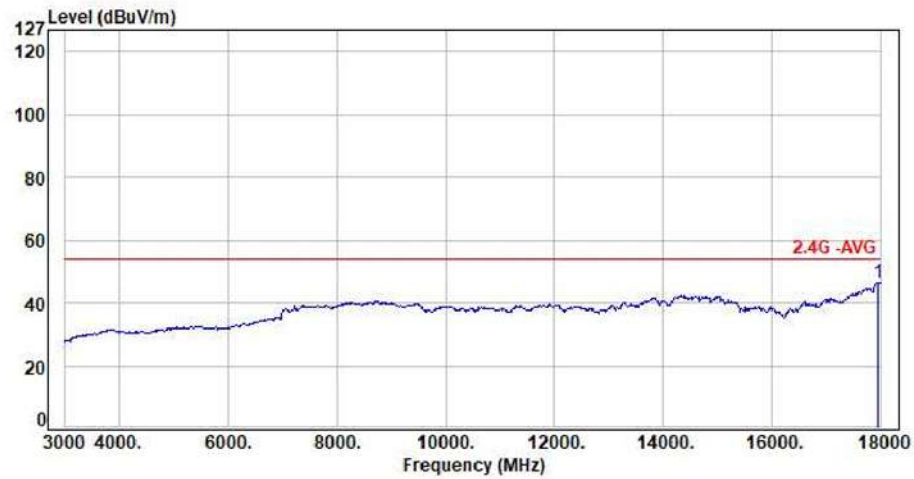
Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



SISO ANT A

Test Mode : 1TX 11g CH01 6Mbps
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal



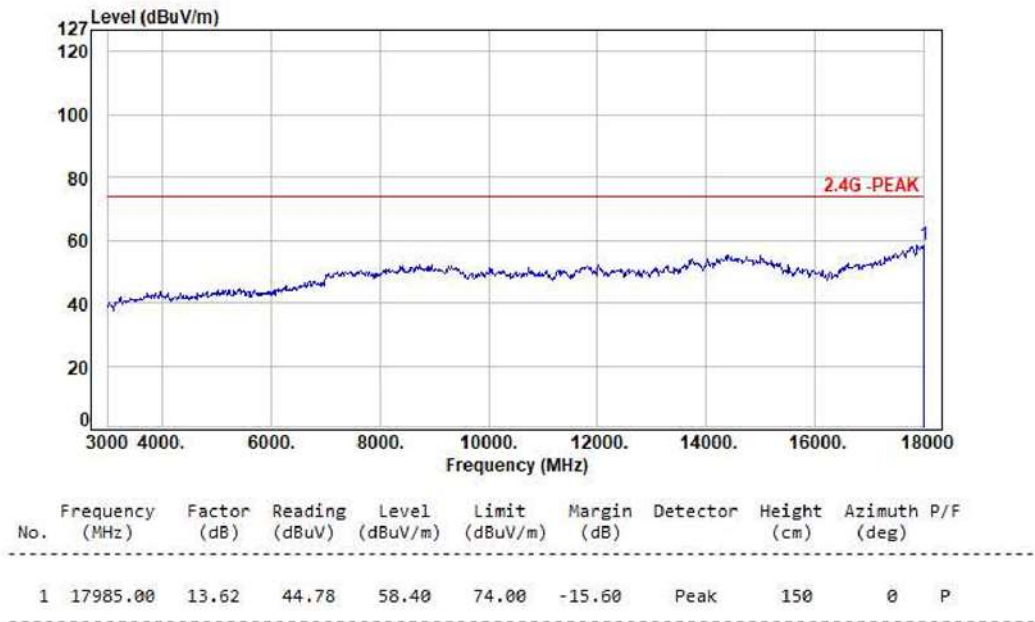
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	17940.00	13.50	32.96	46.46	54.00	-7.54	Average	150	360	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



SISO ANT A

Test Mode : 1TX 11g CH01 6Mbps
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal

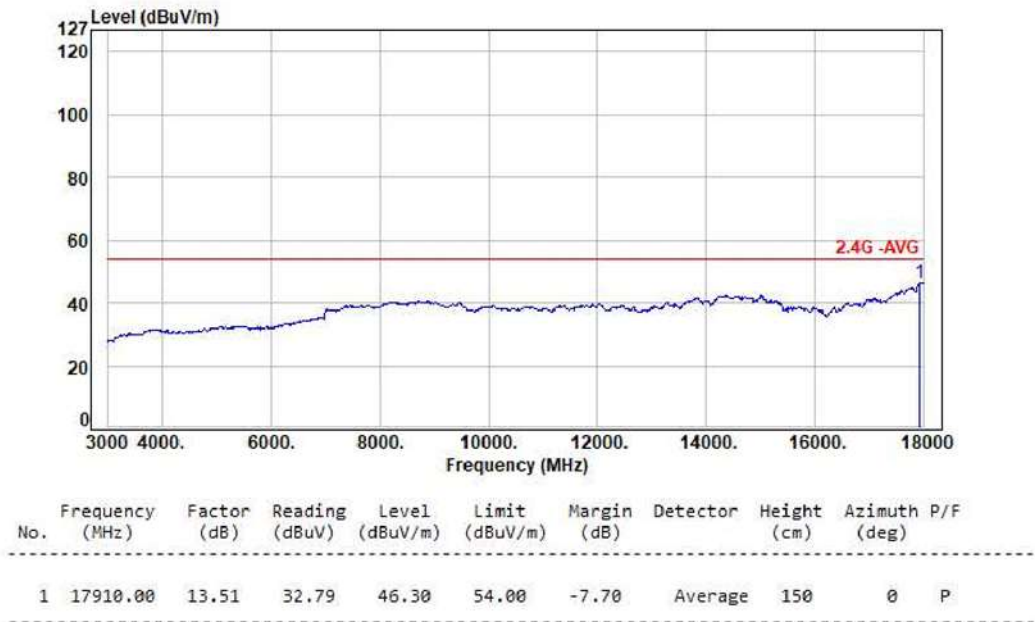


Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



SISO ANT A

Test Mode : 1TX 11g CH11 6Mbps
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical

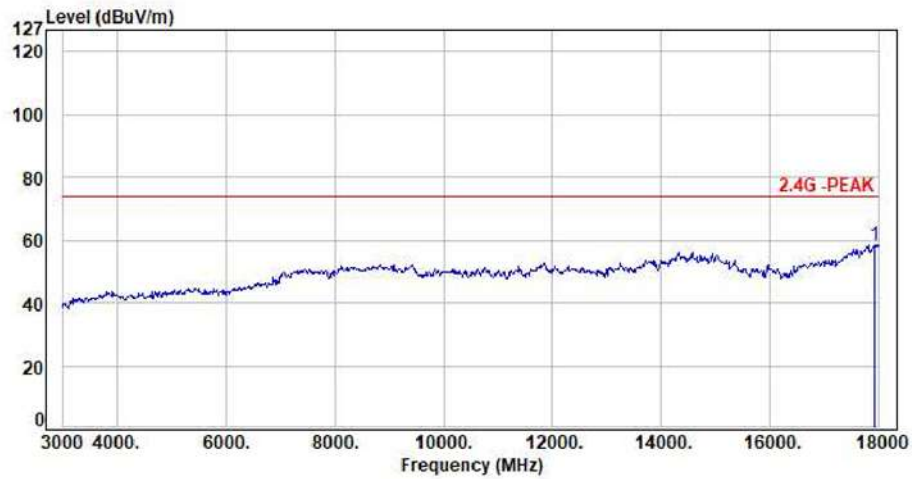


Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



SISO ANT A

Test Mode : 1TX 11g CH11 6Mbps
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical



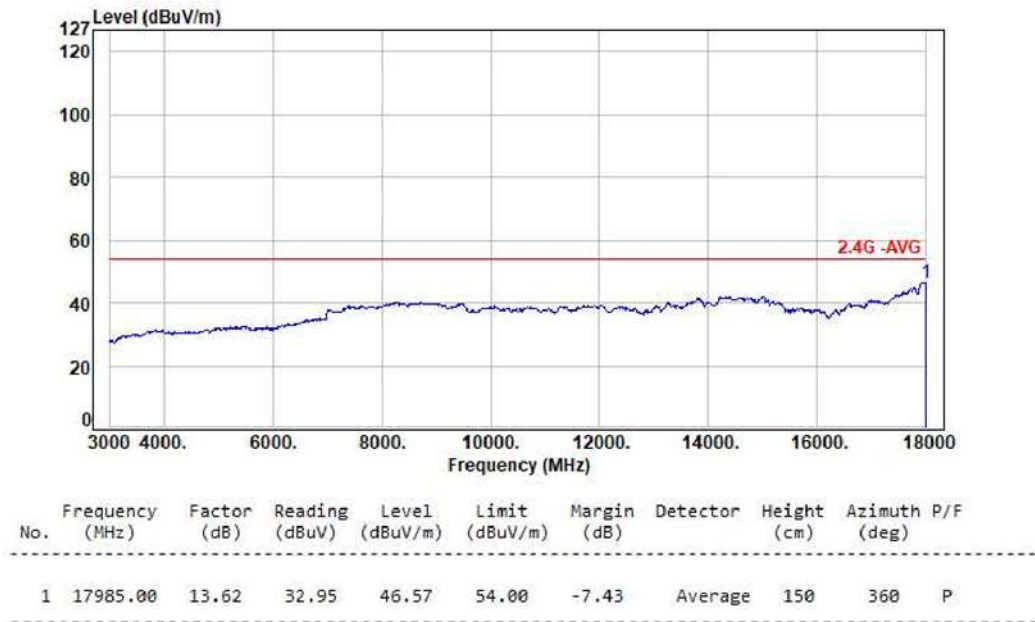
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	17910.00	13.51	45.04	58.55	74.00	-15.45	Peak	150	360	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



SISO ANT A

Test Mode : 1TX 11g CH11 6Mbps
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal

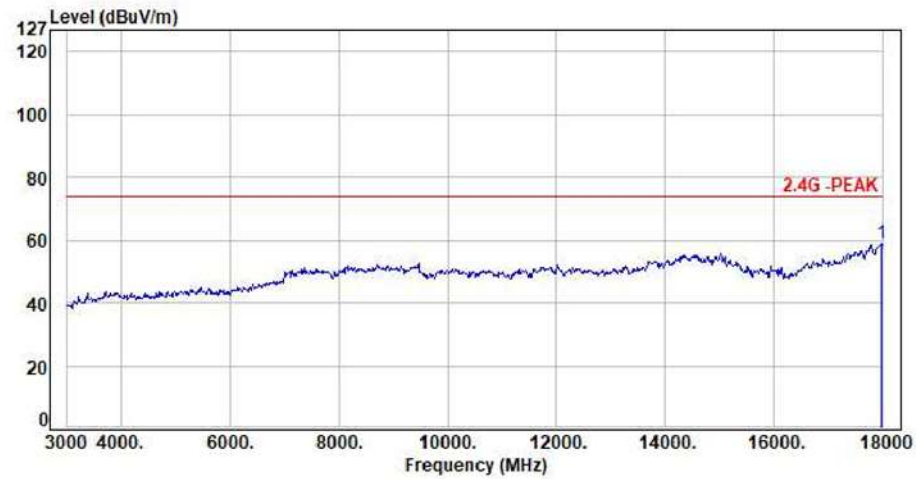


Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



SISO ANT A

Test Mode : 1TX 11g CH11 6Mbps
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	17955.00	13.52	45.24	58.76	74.00	-15.24	Peak	150	360	P

Note: Level=Reading+Factor

Margin=Level-Limit

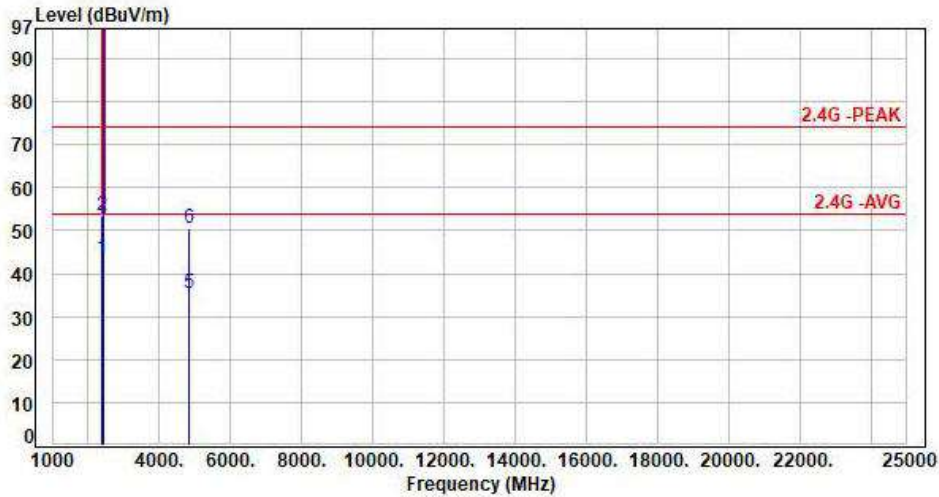
Factor=Antenna Factor + cable loss - Amplifier Factor



6.9 Test Result and Data (18GHz ~ 25GHz)

MIMO

Test Mode : 1TX 11b CH01 1Mbps
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-2.33	45.86	43.53	54.00	-10.47	Average	107	16	P
2	2390.00	-2.33	55.78	53.45	74.00	-20.55	Peak	107	16	P
3	2412.00	-2.29	99.19	96.90	200.00	-103.10	Average	107	16	P
4	2412.00	-2.29	102.04	99.75	200.00	-100.25	Peak	107	16	P
5	4824.00	5.64	29.71	35.35	54.00	-18.65	Average	100	162	P
6	4824.00	5.64	44.82	50.46	74.00	-23.54	Peak	100	162	P

Note: Level=Reading+Factor

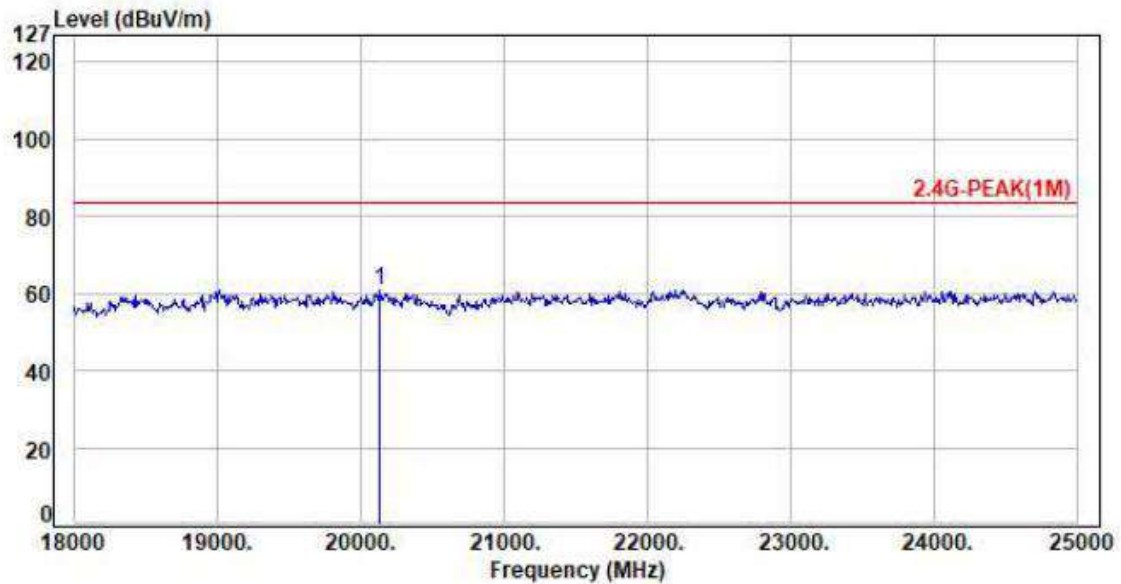
Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



MIMO

Test Mode : 2TX 11ax20 CH11 NSS1 MCS0
Voltage : From Adapter(AC 120V/60Hz)
Pol : Horizontal



No.	Frequency (MHz)	Factor (dB)	Reading (dBUV)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	20128.00	-35.11	96.11	61.00	83.54	-22.54	Peak	150	360	P

Note: Level=Reading+Factor

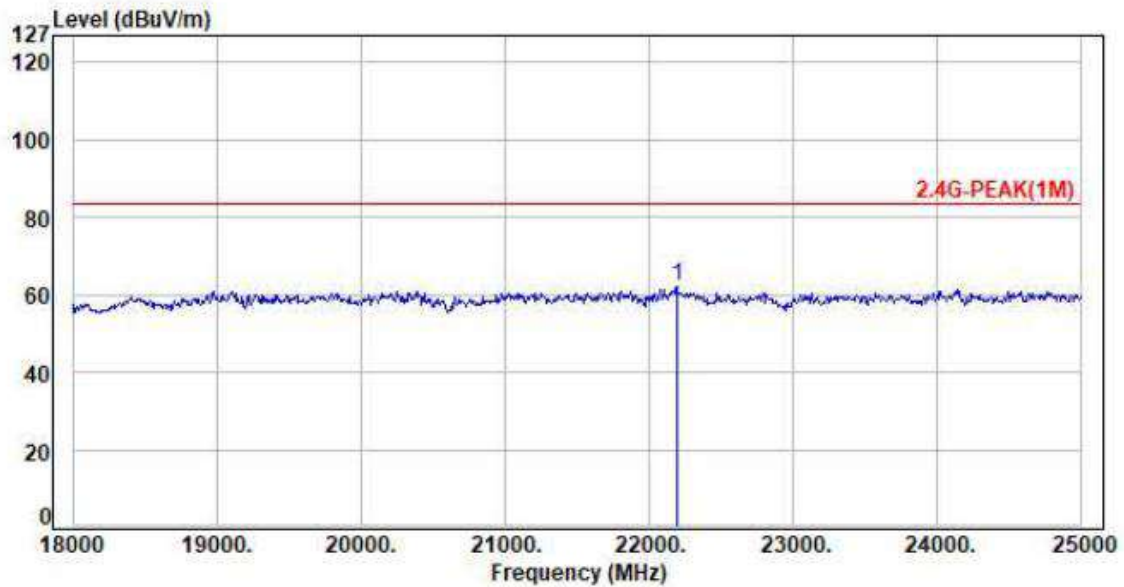
Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



SISO ANT A

Test Mode : 1TX 11b CH11 1Mbps
Voltage : From Adapter(AC 120V/60Hz)
Pol : Vertical



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	22193.00	-35.43	97.55	62.12	83.54	-21.42	Peak	150	360	P

Note: Level=Reading+Factor

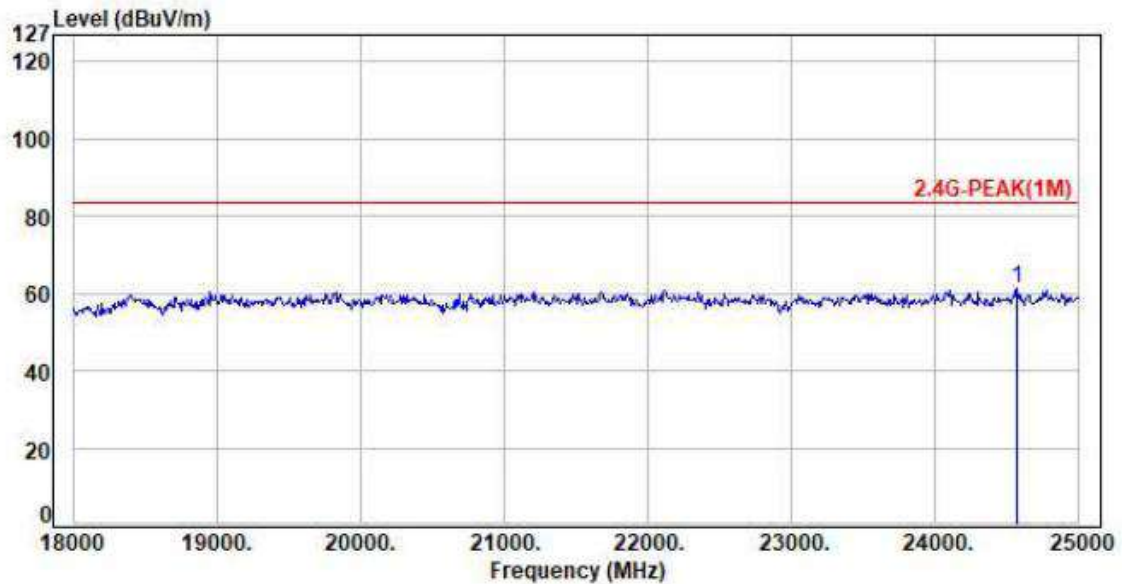
Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



SISO ANT A

Test Mode : 1TX 11b CH11 1Mbps
Voltage : From Adapter(AC 120V/60Hz)
Pol : Horizontal



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	24566.00	-35.53	96.73	61.20	83.54	-22.34	Peak	150	360	P

Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

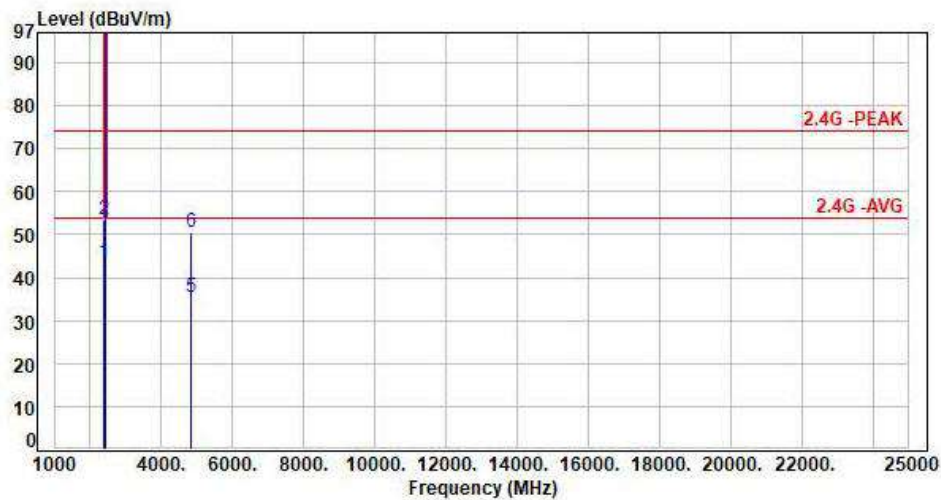


6.10 Test Result and Data (1GHz ~ 25GHz)

For 24070407-TRFCC03

SISO ANT A

Test Mode : 1TX 11b CH01 1Mbps
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-2.33	45.86	43.53	54.00	-10.47	Average	107	16	P
2	2390.00	-2.33	55.78	53.45	74.00	-20.55	Peak	107	16	P
3	2412.00	-2.29	99.19	96.90	200.00	-103.10	Average	107	16	P
4	2412.00	-2.29	102.04	99.75	200.00	-100.25	Peak	107	16	P
5	4824.00	5.64	29.71	35.35	54.00	-18.65	Average	100	162	P
6	4824.00	5.64	44.82	50.46	74.00	-23.54	Peak	100	162	P

Note: Level=Reading+Factor

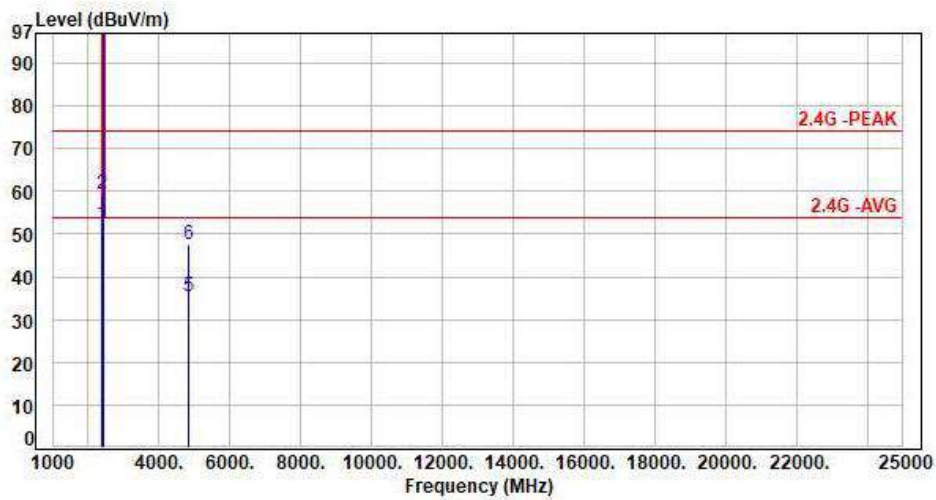
Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



SISO ANT A

Test Mode : 1TX 11b CH01 1Mbps
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-2.33	54.83	52.50	54.00	-1.50	Average	138	277	P
2	2390.00	-2.33	61.71	59.38	74.00	-14.62	Peak	138	277	P
3	2412.00	-2.29	107.30	105.01	200.00	-94.99	Average	138	277	P
4	2412.00	-2.29	110.28	107.99	200.00	-92.01	Peak	138	277	P
5	4824.00	5.64	29.74	35.38	54.00	-18.62	Average	100	135	P
6	4824.00	5.64	41.82	47.46	74.00	-26.54	Peak	100	135	P

Note: Level=Reading+Factor

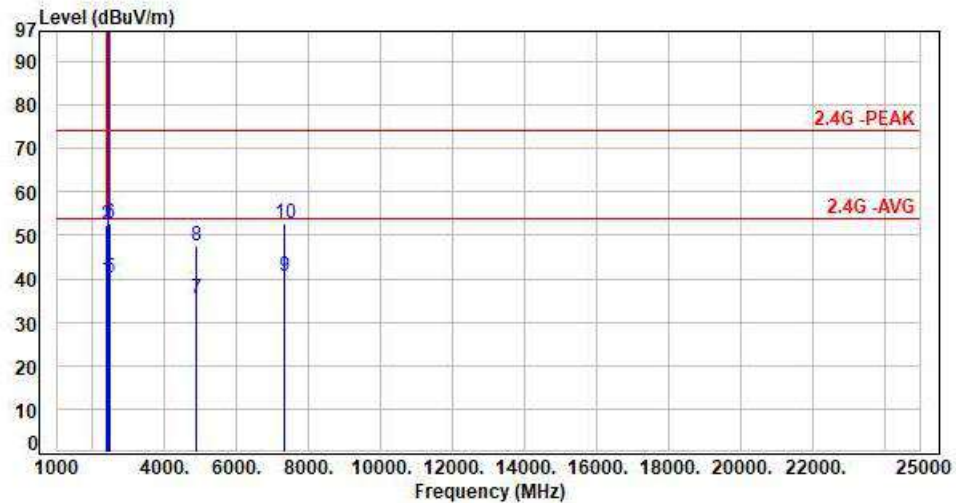
Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



SISO ANT A

Test Mode : 1TX 11b CH06 1Mbps
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-2.33	42.05	39.72	54.00	-14.28	Average	100	64	P
2	2390.00	-2.33	54.61	52.28	74.00	-21.72	Peak	100	64	P
3	2437.00	-2.17	101.50	99.33	200.00	-100.67	Average	100	64	P
4	2437.00	-2.17	103.84	101.67	200.00	-98.33	Peak	100	64	P
5	2483.50	-2.01	42.08	40.07	54.00	-13.93	Average	100	64	P
6	2483.50	-2.01	54.77	52.76	74.00	-21.24	Peak	100	64	P
7	4874.00	5.79	29.75	35.54	54.00	-18.46	Average	100	113	P
8	4874.00	5.79	41.82	47.61	74.00	-26.39	Peak	100	113	P
9	7311.00	10.90	29.74	40.64	54.00	-13.36	Average	100	226	P
10	7311.00	10.90	41.94	52.84	74.00	-21.16	Peak	100	226	P

Note: Level=Reading+Factor

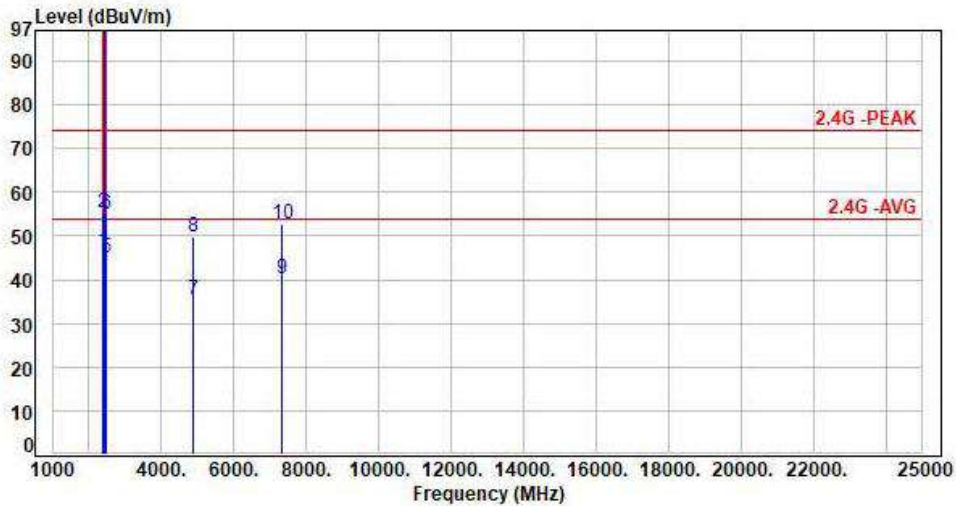
Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



SISO ANT A

Test Mode : 1TX 11b CH06 1Mbps
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-2.33	48.71	46.38	54.00	-7.62	Average	100	278	P
2	2390.00	-2.33	57.71	55.38	74.00	-18.62	Peak	100	278	P
3	2437.00	-2.17	109.86	107.69	200.00	-92.31	Average	100	278	P
4	2437.00	-2.17	112.08	109.91	200.00	-90.09	Peak	100	278	P
5	2483.50	-2.01	46.91	44.90	54.00	-9.10	Average	100	278	P
6	2483.50	-2.01	56.82	54.81	74.00	-19.19	Peak	100	278	P
7	4874.00	5.79	29.47	35.26	54.00	-18.74	Average	100	186	P
8	4874.00	5.79	44.16	49.95	74.00	-24.05	Peak	100	186	P
9	7311.00	10.90	29.46	40.36	54.00	-13.64	Average	100	195	P
10	7311.00	10.90	41.82	52.72	74.00	-21.28	Peak	100	195	P

Note: Level=Reading+Factor

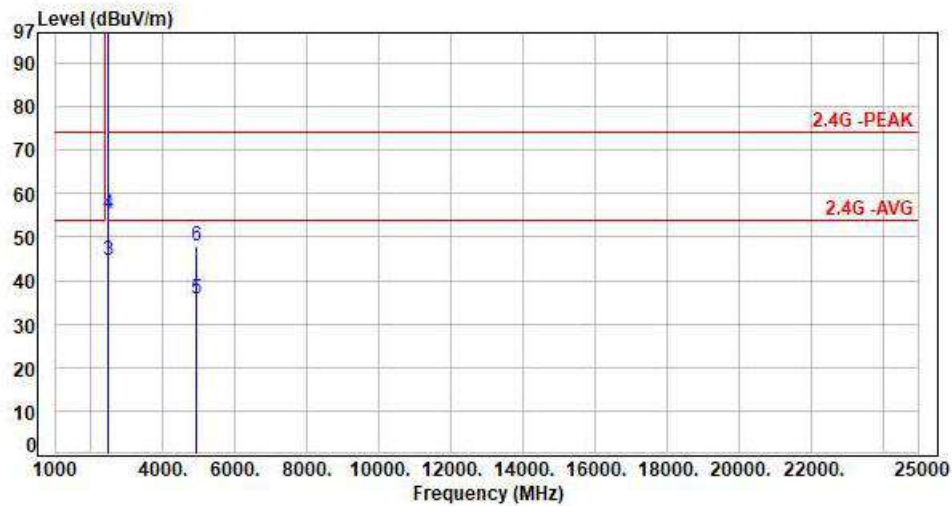
Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



SISO ANT A

Test Mode : 1TX 11b CH11 1Mbps
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2462.00	-2.04	98.15	96.11	200.00	-103.89	Average	113	11	P
2	2462.00	-2.04	101.99	99.95	200.00	-100.05	Peak	113	11	P
3	2483.50	-2.01	46.56	44.55	54.00	-9.45	Average	113	11	P
4	2483.50	-2.01	57.26	55.25	74.00	-18.75	Peak	113	11	P
5	4924.00	5.95	29.74	35.69	54.00	-18.31	Average	100	151	P
6	4924.00	5.95	41.86	47.81	74.00	-26.19	Peak	100	151	P

Note: Level=Reading+Factor

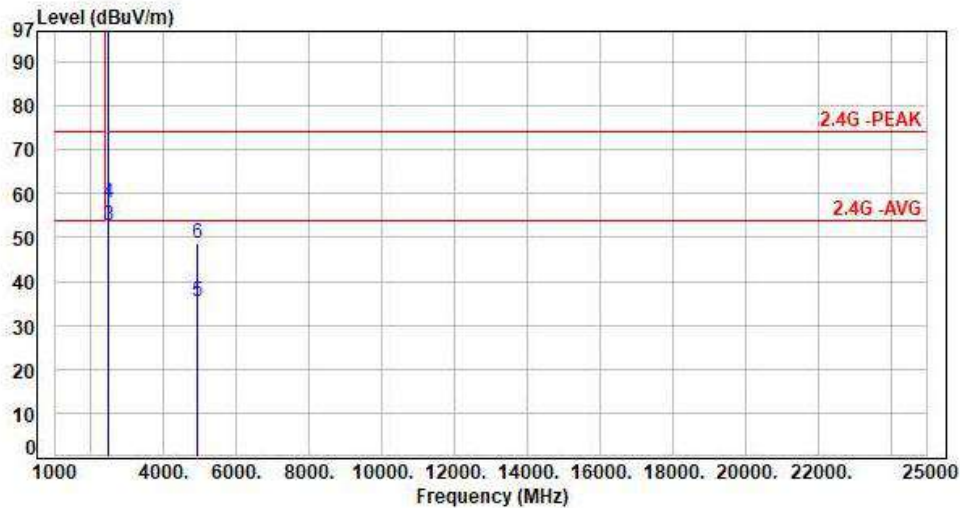
Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



SISO ANT A

Test Mode : 1TX 11b CH11 1Mbps
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2462.00	-2.04	107.22	105.18	200.00	-94.82	Average	121	278	P
2	2462.00	-2.04	110.03	107.99	200.00	-92.01	Peak	121	278	P
3	2483.50	-2.01	54.57	52.56	54.00	-1.44	Average	121	278	P
4	2483.50	-2.01	59.87	57.86	74.00	-16.14	Peak	121	278	P
5	4924.00	5.95	29.46	35.41	54.00	-18.59	Average	100	142	P
6	4924.00	5.95	42.71	48.66	74.00	-25.34	Peak	100	142	P

Note: Level=Reading+Factor

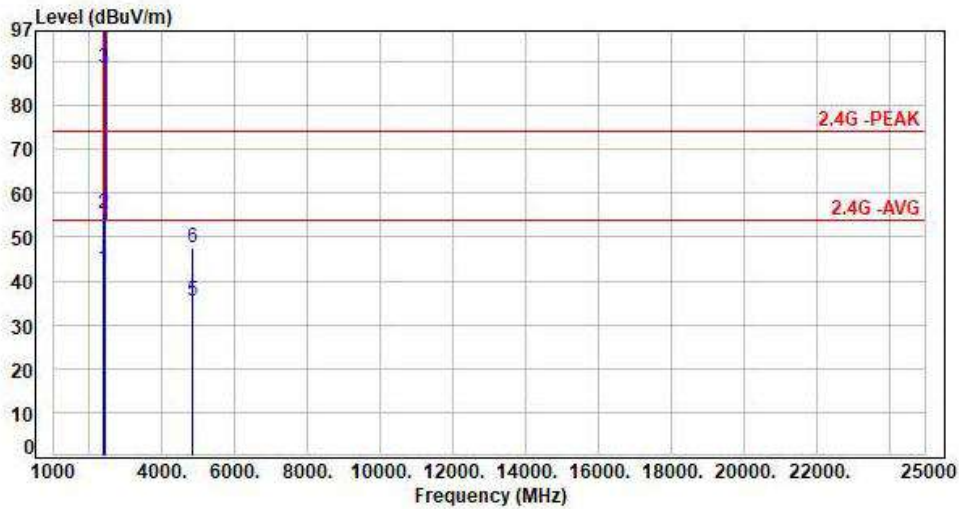
Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



SISO ANT A

Test Mode : 1TX 11g CH01 6Mbps
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-2.33	45.05	42.72	54.00	-11.28	Average	100	62	P
2	2390.00	-2.33	57.76	55.43	74.00	-18.57	Peak	100	62	P
3	2412.00	-2.29	90.73	88.44	200.00	-111.56	Average	100	62	P
4	2412.00	-2.29	100.41	98.12	200.00	-101.88	Peak	100	62	P
5	4824.00	5.64	29.74	35.38	54.00	-18.62	Average	100	194	P
6	4824.00	5.64	41.82	47.46	74.00	-26.54	Peak	100	194	P

Note: Level=Reading+Factor

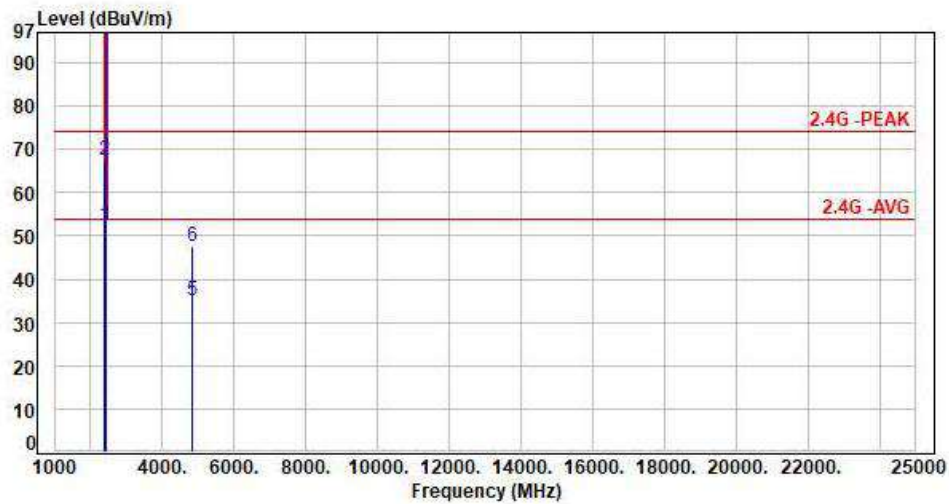
Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



SISO ANT A

Test Mode : 1TX 11g CH01 6Mbps
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-2.33	54.77	52.44	54.00	-1.56	Average	100	275	P
2	2390.00	-2.33	69.79	67.46	74.00	-6.54	Peak	100	275	P
3	2412.00	-2.29	98.64	96.35	200.00	-103.65	Average	100	275	P
4	2412.00	-2.29	108.69	106.40	200.00	-93.60	Peak	100	275	P
5	4824.00	5.64	29.46	35.10	54.00	-18.90	Average	100	224	P
6	4824.00	5.64	41.96	47.60	74.00	-26.40	Peak	100	224	P

Note: Level=Reading+Factor

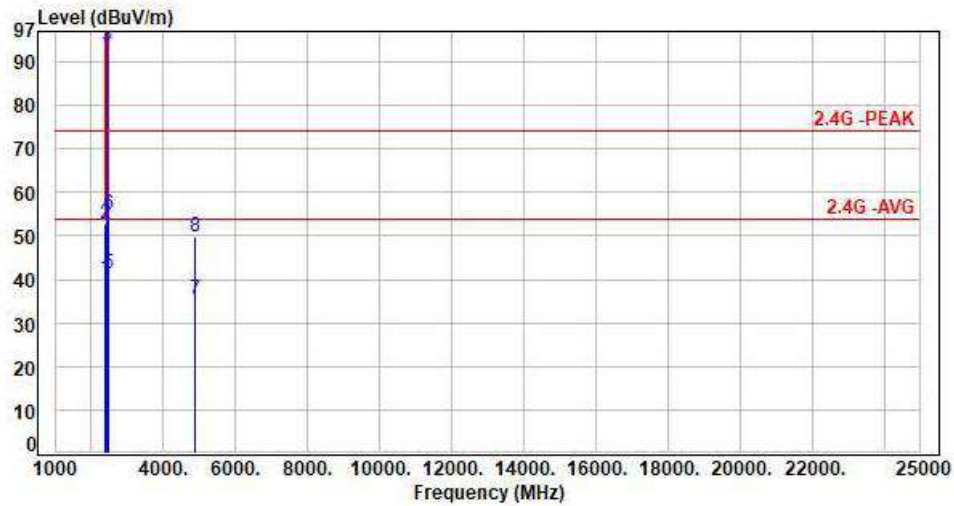
Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



SISO ANT A

Test Mode : 1TX 11g CH06 6Mbps
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-2.33	42.66	40.33	54.00	-13.67	Average	100	63	P
2	2390.00	-2.33	55.21	52.88	74.00	-21.12	Peak	100	63	P
3	2437.00	-2.17	95.75	93.58	200.00	-106.42	Average	100	63	P
4	2437.00	-2.17	104.77	102.60	200.00	-97.40	Peak	100	63	P
5	2483.50	-2.01	43.16	41.15	54.00	-12.85	Average	100	63	P
6	2483.50	-2.01	56.81	54.80	74.00	-19.20	Peak	100	63	P
7	4874.00	5.79	29.46	35.25	54.00	-18.75	Average	100	212	P
8	4874.00	5.79	43.86	49.65	74.00	-24.35	Peak	100	212	P

Note: Level=Reading+Factor

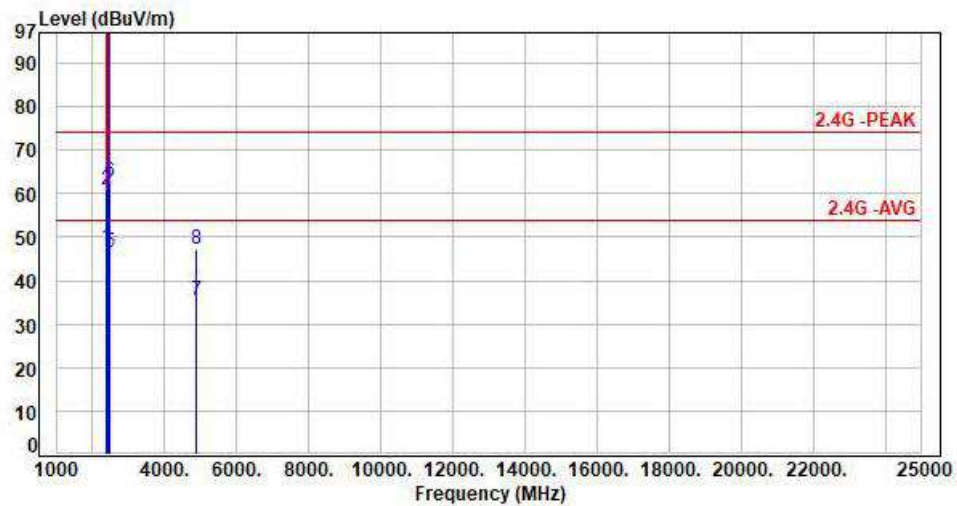
Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



SISO ANT A

Test Mode : 1TX 11g CH06 6Mbps
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-2.33	50.09	47.76	54.00	-6.24	Average	100	278	P
2	2390.00	-2.33	63.27	60.94	74.00	-13.06	Peak	100	278	P
3	2437.00	-2.17	104.13	101.96	200.00	-98.04	Average	100	278	P
4	2437.00	-2.17	112.88	110.71	200.00	-89.29	Peak	100	278	P
5	2483.50	-2.01	48.57	46.56	54.00	-7.44	Average	100	278	P
6	2483.50	-2.01	64.53	62.52	74.00	-11.48	Peak	100	278	P
7	4874.00	5.79	29.76	35.55	54.00	-18.45	Average	100	164	P
8	4874.00	5.79	41.28	47.07	74.00	-26.93	Peak	100	164	P

Note: Level=Reading+Factor

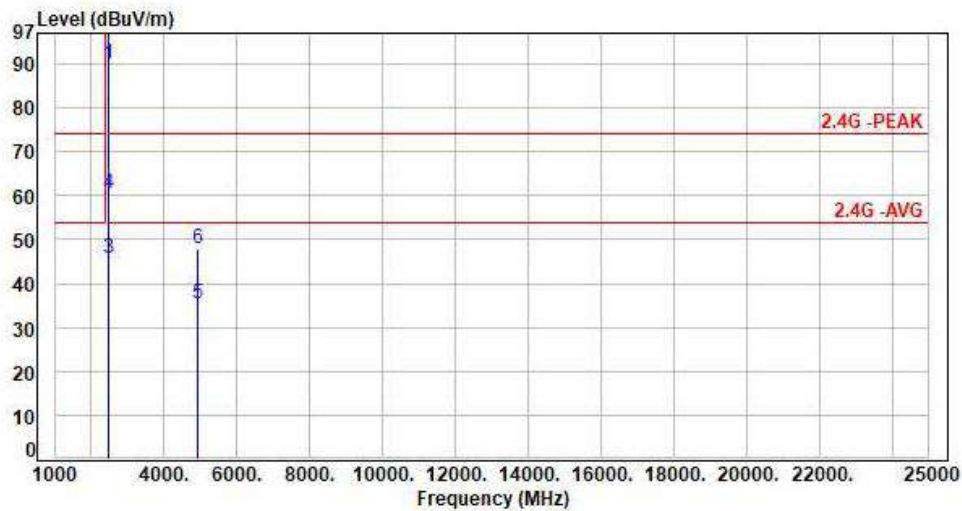
Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



SISO ANT A

Test Mode : 1TX 11g CH11 6Mbps
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2462.00	-2.04	92.00	89.96	200.00	-110.04	Average	100	11	P
2	2462.00	-2.04	100.91	98.87	200.00	-101.13	Peak	100	11	P
3	2483.50	-2.01	47.77	45.76	54.00	-8.24	Average	100	11	P
4	2483.50	-2.01	62.46	60.45	74.00	-13.55	Peak	100	11	P
5	4924.00	5.95	29.47	35.42	54.00	-18.58	Average	100	155	P
6	4924.00	5.95	41.88	47.83	74.00	-26.17	Peak	100	155	P

Note: Level=Reading+Factor

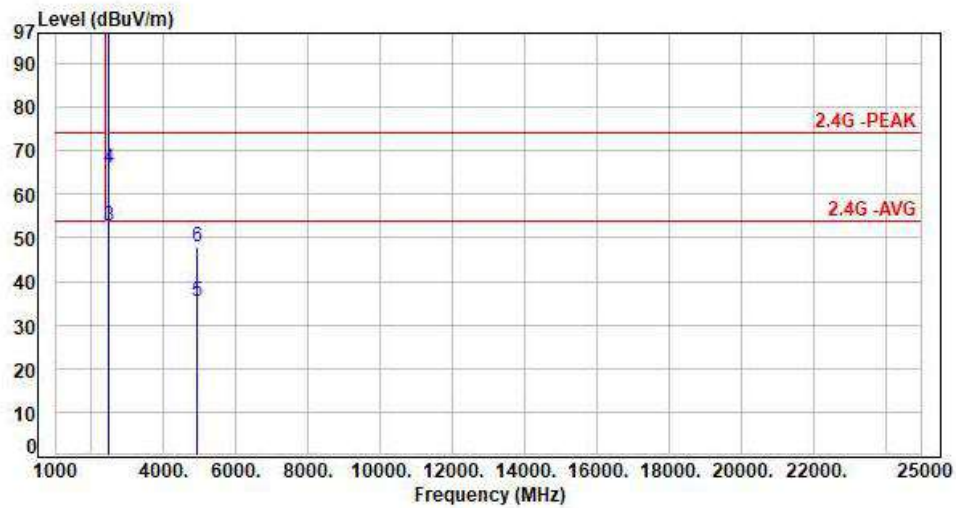
Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



SISO ANT A

Test Mode : 1TX 11g CH11 6Mbps
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2462.00	-2.04	100.35	98.31	200.00	-101.69	Average	113	279	P
2	2462.00	-2.04	109.80	107.76	200.00	-92.24	Peak	113	279	P
3	2483.50	-2.01	54.82	52.81	54.00	-1.19	Average	113	279	P
4	2483.50	-2.01	67.87	65.86	74.00	-8.14	Peak	113	279	P
5	4924.00	5.95	29.41	35.36	54.00	-18.64	Average	100	224	P
6	4924.00	5.95	41.86	47.81	74.00	-26.19	Peak	100	224	P

Note: Level=Reading+Factor

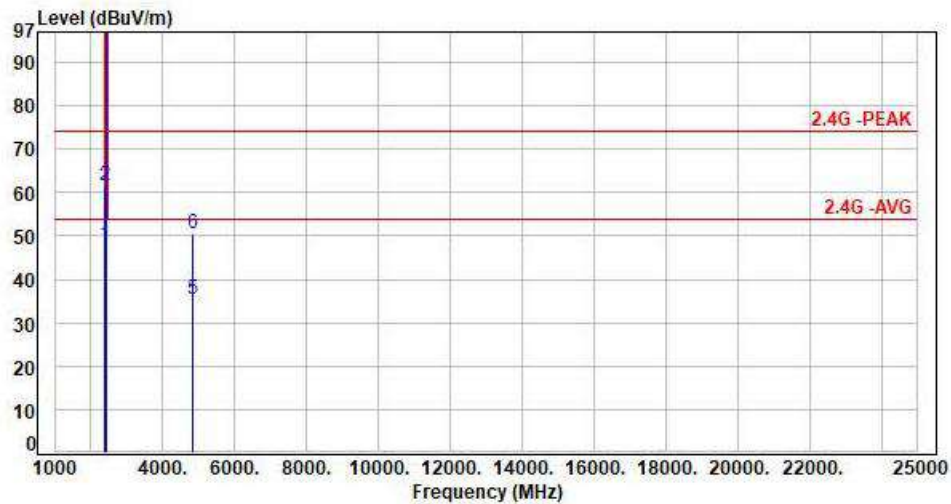
Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



MIMO

Test Mode : 2TX 11ax20 CH01 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-2.33	50.40	48.07	54.00	-5.93	Average	294	95	P
2	2390.00	-2.33	64.01	61.68	74.00	-12.32	Peak	294	95	P
3	2412.00	-2.29	98.52	96.23	200.00	-103.77	Average	294	95	P
4	2412.00	-2.29	111.06	108.77	200.00	-91.23	Peak	294	95	P
5	4824.00	5.64	29.70	35.34	54.00	-18.66	Average	100	182	P
6	4824.00	5.64	44.82	50.46	74.00	-23.54	Peak	100	182	P

Note: Level=Reading+Factor

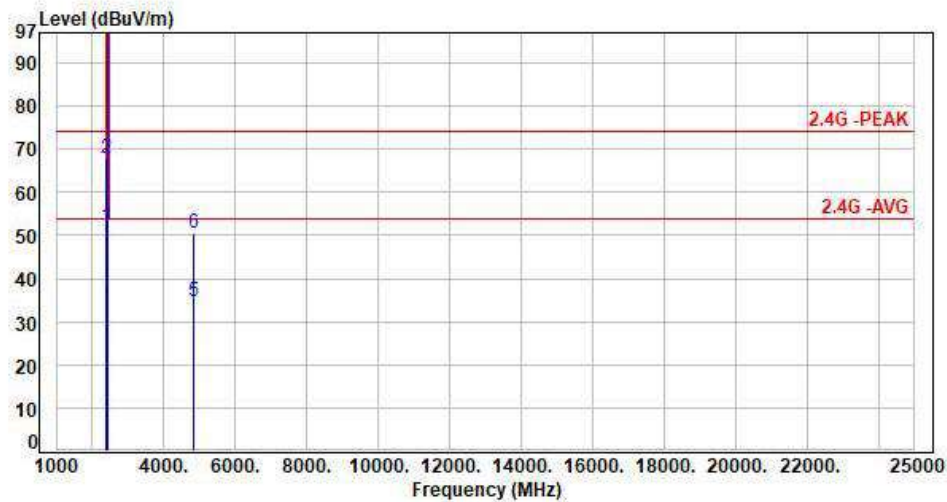
Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



MIMO

Test Mode : 2TX 11ax20 CH01 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal



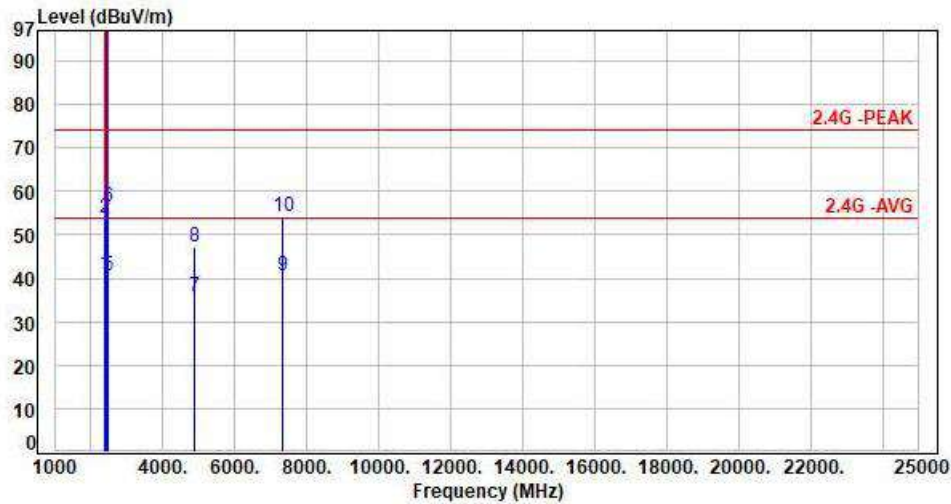
No.	Frequency (MHz)	Factor (dB)	Reading (dBUV)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-2.33	54.49	52.16	54.00	-1.84	Average	100	278	P
2	2390.00	-2.33	70.03	67.70	74.00	-6.30	Peak	100	278	P
3	2412.00	-2.29	103.10	100.81	200.00	-99.19	Average	100	278	P
4	2412.00	-2.29	116.20	113.91	200.00	-86.09	Peak	100	278	P
5	4824.00	5.64	29.14	34.78	54.00	-19.22	Average	100	192	P
6	4824.00	5.64	44.80	50.44	74.00	-23.56	Peak	100	192	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



MIMO

Test Mode : 2TX 11ax20 CH06 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-2.33	43.40	41.07	54.00	-12.93	Average	255	96	P
2	2390.00	-2.33	56.31	53.98	74.00	-20.02	Peak	255	96	P
3	2437.00	-2.17	101.35	99.18	200.00	-100.82	Average	255	96	P
4	2437.00	-2.17	113.73	111.56	200.00	-88.44	Peak	255	96	P
5	2483.50	-2.01	42.67	40.66	54.00	-13.34	Average	255	96	P
6	2483.50	-2.01	58.48	56.47	74.00	-17.53	Peak	255	96	P
7	4874.00	5.79	29.90	35.69	54.00	-18.31	Average	100	168	P
8	4874.00	5.79	41.42	47.21	74.00	-26.79	Peak	100	168	P
9	7311.00	10.90	29.83	40.73	54.00	-13.27	Average	100	168	P
10	7311.00	10.90	43.35	54.25	74.00	-19.75	Peak	100	168	P

Note: Level=Reading+Factor

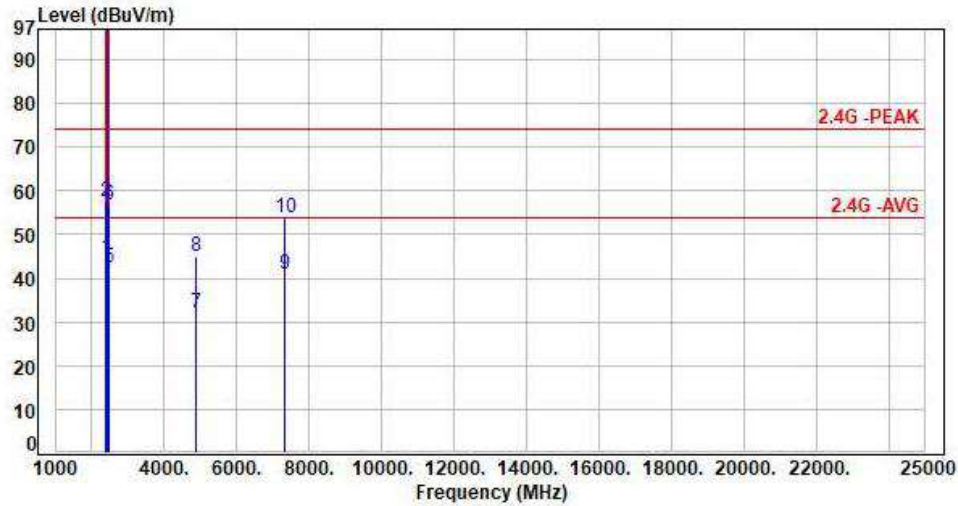
Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



MIMO

Test Mode : 2TX 11ax20 CH06 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-2.33	47.10	44.77	54.00	-9.23	Average	100	278	P
2	2390.00	-2.33	59.88	57.55	74.00	-16.45	Peak	100	278	P
3	2437.00	-2.17	105.10	102.93	200.00	-97.07	Average	100	278	P
4	2437.00	-2.17	117.59	115.42	200.00	-84.58	Peak	100	278	P
5	2483.50	-2.01	44.55	42.54	54.00	-11.46	Average	100	278	P
6	2483.50	-2.01	58.88	56.87	74.00	-17.13	Peak	100	278	P
7	4874.00	5.79	26.46	32.25	54.00	-21.75	Average	100	281	P
8	4874.00	5.79	39.18	44.97	74.00	-29.03	Peak	100	281	P
9	7311.00	10.90	30.21	41.11	54.00	-12.89	Average	100	177	P
10	7311.00	10.90	43.04	53.94	74.00	-20.06	Peak	100	177	P

Note: Level=Reading+Factor

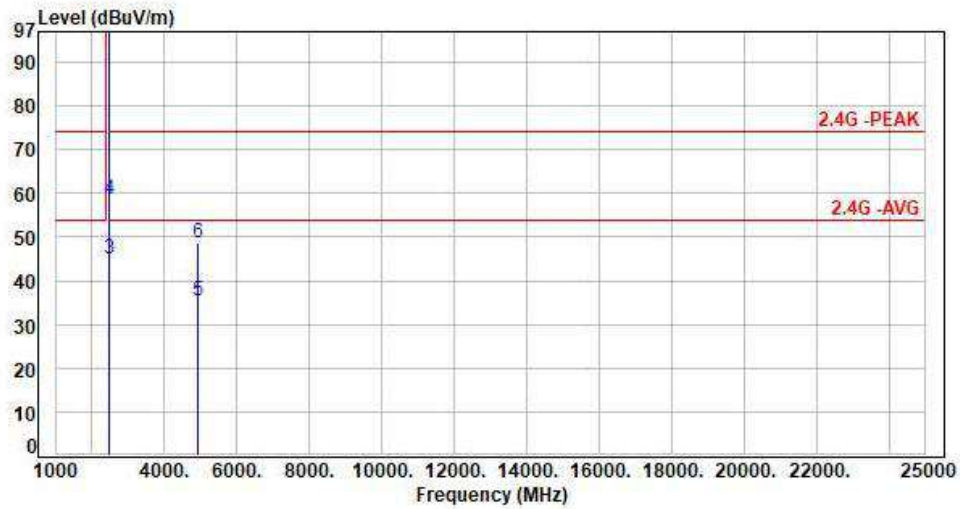
Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



MIMO

Test Mode : 2TX 11ax20 CH11 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2462.00	-2.04	97.94	95.90	200.00	-104.10	Average	100	96	P
2	2462.00	-2.04	111.18	109.14	200.00	-90.86	Peak	100	96	P
3	2483.50	-2.01	47.13	45.12	54.00	-8.88	Average	100	96	P
4	2483.50	-2.01	60.69	58.68	74.00	-15.32	Peak	100	96	P
5	4924.00	5.95	29.47	35.42	54.00	-18.58	Average	100	163	P
6	4924.00	5.95	42.82	48.77	74.00	-25.23	Peak	100	163	P

Note: Level=Reading+Factor

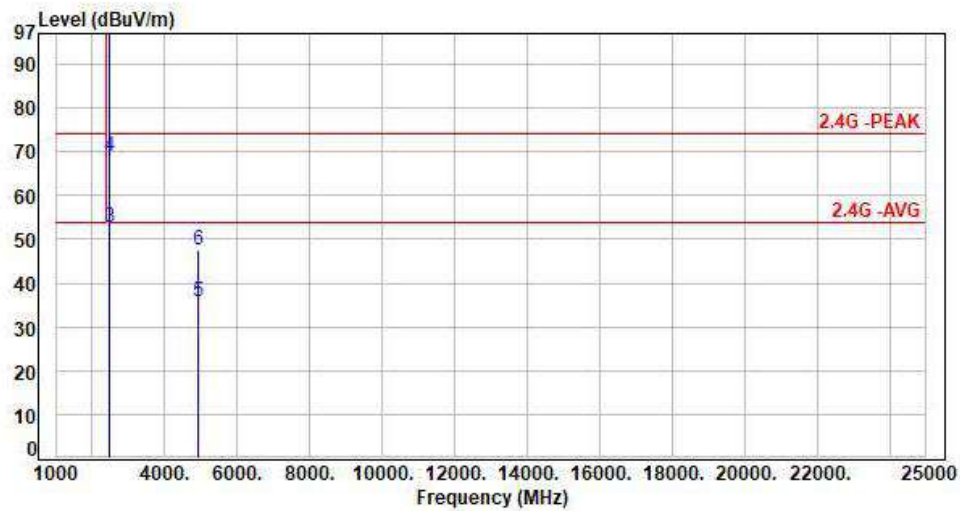
Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



MIMO

Test Mode : 2TX 11ax20 CH11 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2462.00	-2.04	102.77	100.73	200.00	-99.27	Average	100	283	P
2	2462.00	-2.04	115.70	113.66	200.00	-86.34	Peak	100	283	P
3	2483.50	-2.01	54.84	52.83	54.00	-1.17	Average	100	283	P
4	2483.50	-2.01	71.06	69.05	74.00	-4.95	Peak	100	283	P
5	4924.00	5.95	29.74	35.69	54.00	-18.31	Average	100	171	P
6	4924.00	5.95	41.62	47.57	74.00	-26.43	Peak	100	171	P

Note: Level=Reading+Factor

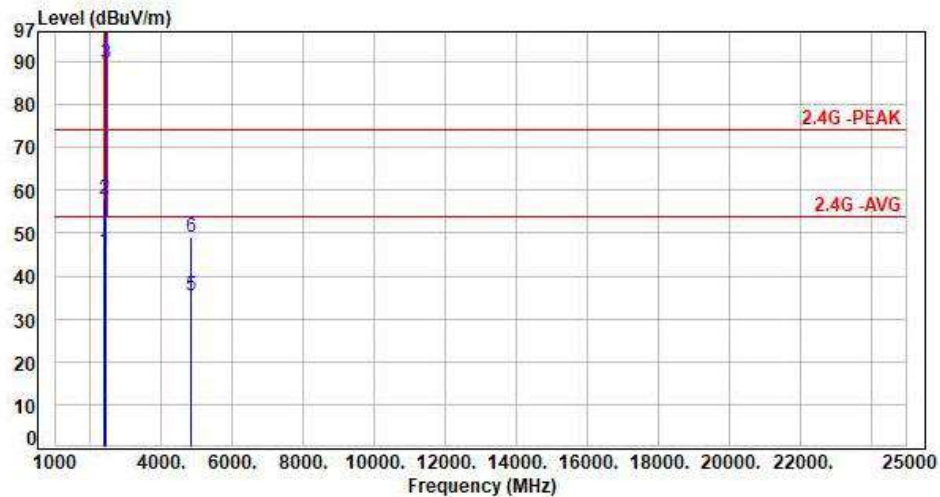
Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



MIMO

Test Mode : 2TX 11ax40 CH03 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-2.33	48.18	45.85	54.00	-8.15	Average	286	94	P
2	2390.00	-2.33	60.28	57.95	74.00	-16.05	Peak	286	94	P
3	2422.00	-2.19	91.87	89.68	200.00	-110.32	Average	286	94	P
4	2422.00	-2.19	103.65	101.46	200.00	-98.54	Peak	286	94	P
5	4844.00	5.70	29.66	35.36	54.00	-18.64	Average	100	113	P
6	4844.00	5.70	43.28	48.98	74.00	-25.02	Peak	100	113	P

Note: Level=Reading+Factor

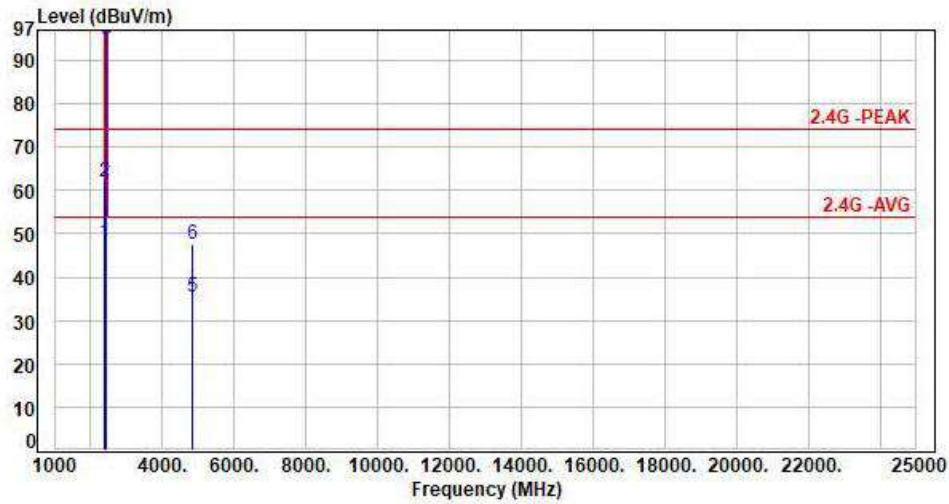
Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



MIMO

Test Mode : 2TX 11ax40 CH03 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-2.33	50.17	47.84	54.00	-6.16	Average	100	279	P
2	2390.00	-2.33	64.32	61.99	74.00	-12.01	Peak	100	279	P
3	2422.00	-2.19	96.85	94.66	200.00	-105.34	Average	100	279	P
4	2422.00	-2.19	107.86	105.67	200.00	-94.33	Peak	100	279	P
5	4844.00	5.70	29.61	35.31	54.00	-18.69	Average	100	146	P
6	4844.00	5.70	41.92	47.62	74.00	-26.38	Peak	100	146	P

Note: Level=Reading+Factor

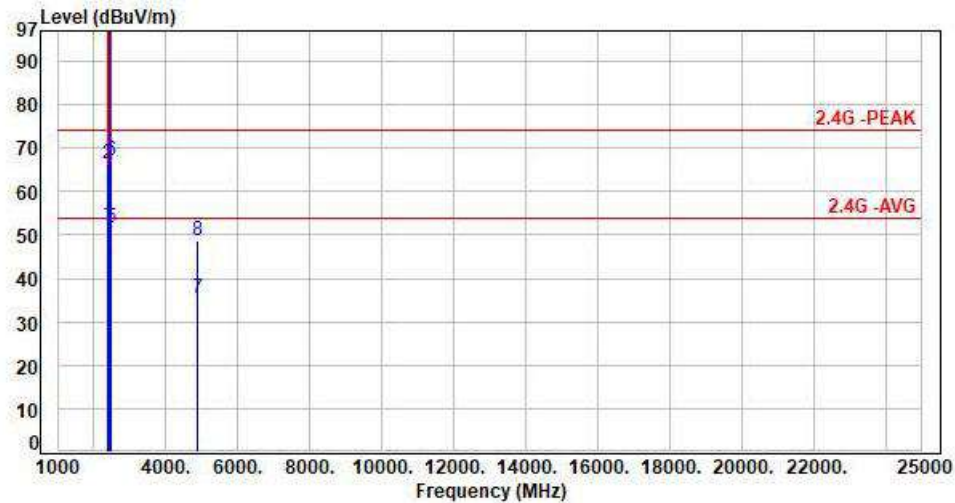
Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



MIMO

Test Mode : 2TX 11ax40 CH06 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-2.33	54.85	52.52	54.00	-1.48	Average	100	280	P
2	2390.00	-2.33	68.54	66.21	74.00	-7.79	Peak	100	280	P
3	2437.00	-2.17	101.15	98.98	200.00	-101.02	Average	100	280	P
4	2437.00	-2.17	113.91	111.74	200.00	-88.26	Peak	100	280	P
5	2483.50	-2.01	53.72	51.71	54.00	-2.29	Average	100	280	P
6	2483.50	-2.01	69.19	67.18	74.00	-6.82	Peak	100	280	P
7	4874.00	5.79	29.55	35.34	54.00	-18.66	Average	100	162	P
8	4874.00	5.79	42.71	48.50	74.00	-25.50	Peak	100	162	P

Note: Level=Reading+Factor

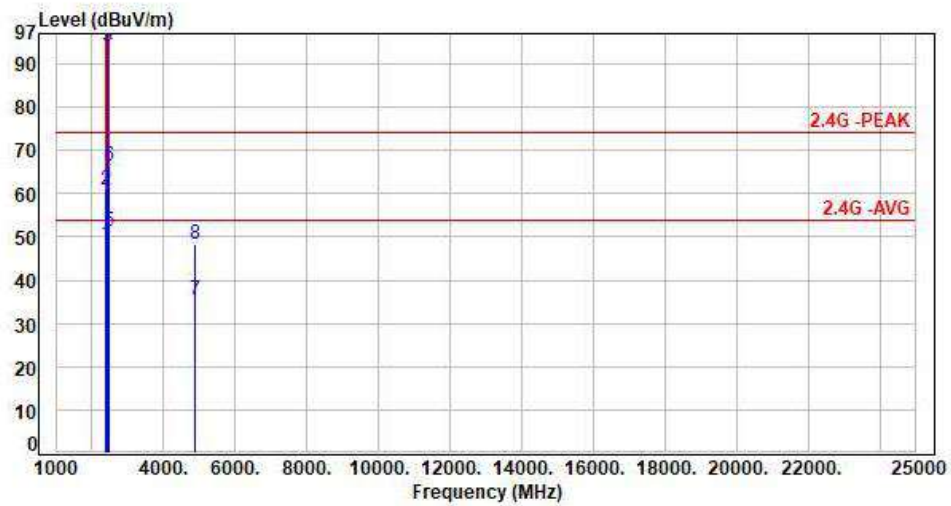
Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



MIMO

Test Mode : 2TX 11ax40 CH06 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-2.33	50.59	48.26	54.00	-5.74	Average	278	96	P
2	2390.00	-2.33	63.20	60.87	74.00	-13.13	Peak	278	96	P
3	2437.00	-2.17	96.40	94.23	200.00	-105.77	Average	278	96	P
4	2437.00	-2.17	108.42	106.25	200.00	-93.75	Peak	278	96	P
5	2483.50	-2.01	53.23	51.22	54.00	-2.78	Average	278	96	P
6	2483.50	-2.01	68.25	66.24	74.00	-7.76	Peak	278	96	P
7	4874.00	5.79	29.74	35.53	54.00	-18.47	Average	100	192	P
8	4874.00	5.79	42.67	48.46	74.00	-25.54	Peak	100	192	P

Note: Level=Reading+Factor

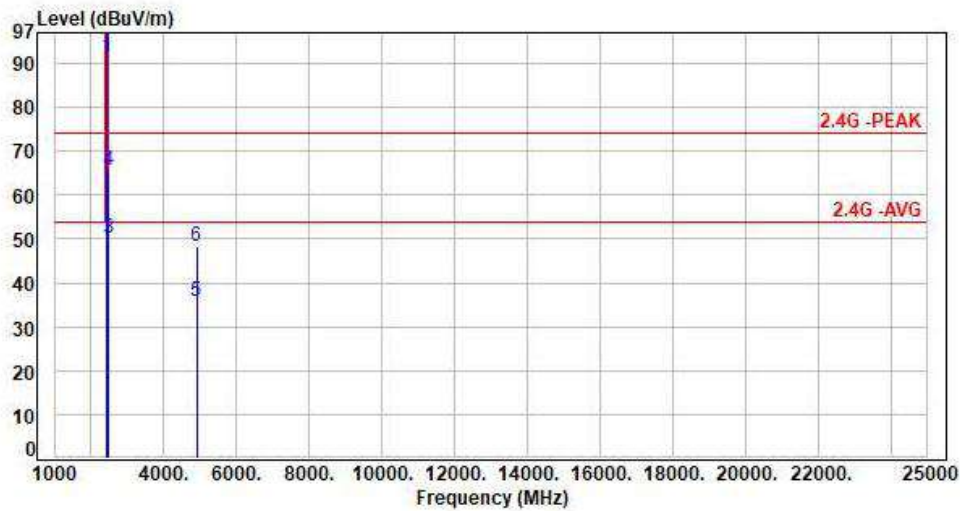
Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



MIMO

Test Mode : 2TX 11ax40 CH09 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2452.00	-2.13	93.53	91.40	200.00	-108.60	Average	284	96	P
2	2452.00	-2.13	104.64	102.51	200.00	-97.49	Peak	284	96	P
3	2483.50	-2.01	52.12	50.11	54.00	-3.89	Average	284	96	P
4	2483.50	-2.01	67.56	65.55	74.00	-8.45	Peak	284	96	P
5	4904.00	5.89	29.73	35.62	54.00	-18.38	Average	100	131	P
6	4904.00	5.89	42.60	48.49	74.00	-25.51	Peak	100	131	P

Note: Level=Reading+Factor

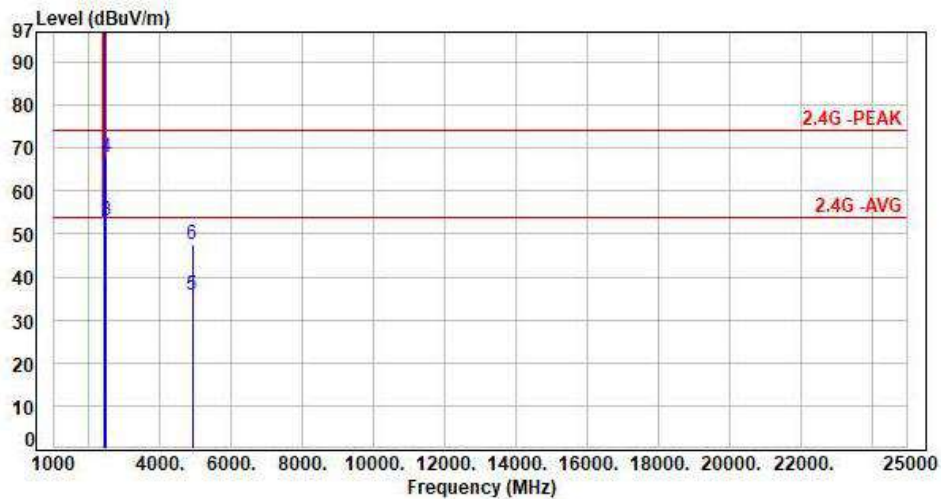
Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



MIMO

Test Mode : 2TX 11ax40 CH09 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2452.00	-2.13	97.42	95.29	200.00	-104.71	Average	107	279	P
2	2452.00	-2.13	110.02	107.89	200.00	-92.11	Peak	107	279	P
3	2483.50	-2.01	55.00	52.99	54.00	-1.01	Average	107	279	P
4	2483.50	-2.01	69.98	67.97	74.00	-6.03	Peak	107	279	P
5	4904.00	5.89	29.73	35.62	54.00	-18.38	Average	100	161	P
6	4904.00	5.89	41.81	47.70	74.00	-26.30	Peak	100	161	P

Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



6.11 Restricted Bands of Operation

Only spurious emissions are permitted in any of the frequency bands listed below:

MHz	MHz	MHz	GHz
0.09000 – 0.11000	16.42000 – 16.42300	399.9 – 410.0	4.500 – 5.250
0.49500 – 0.505**	16.69475 – 16.69525	608.0 – 614.0	5.350 – 5.460
2.17350 – 2.19050	16.80425 – 16.80475	960.0 – 1240.0	7.250 – 7.750
4.12500 – 4.12800	25.50000 – 25.67000	1300.0 – 1427.0	8.025 – 8.500
4.17725 – 4.17775	37.50000 – 38.25000	1435.0 – 1626.5	9.000 – 9.200
4.20725 – 4.20775	73.00000 – 74.60000	1645.5 – 1646.5	9.300 – 9.500
6.21500 – 6.21800	74.80000 – 75.20000	1660.0 – 1710.0	10.600 – 12.700
6.26775 – 6.26825	108.00000 – 121.94000	1718.8 – 1722.2	13.250 – 13.400
6.31175 – 6.31225	123.00000 – 138.00000	2200.0 – 2300.0	14.470 – 14.500
8.29100 – 8.29400	149.90000 – 150.05000	2310.0 – 2390.0	15.350 – 16.200
8.36200 – 8.36600	156.52475 – 156.52525	2483.5 – 2500.0	17.700 – 21.400
8.37625 – 8.38675	156.70000 – 156.90000	2655.0 – 2900.0	22.010 – 23.120
8.41425 – 8.41475	162.01250 – 167.17000	3260.0 – 3267.0	23.600 – 24.000
12.29000 – 12.29300	167.72000 – 173.20000	3332.0 – 3339.0	31.200 – 31.800
12.51975 – 12.52025	240.00000 – 285.00000	3345.8 – 3358.0	36.430 – 36.500
12.57675 – 12.57725	322.00000 – 335.40000	3600.0 – 4400.0	Above 38.6
13.36000 – 13.41000			

** : Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz



7. Test of Conducted Spurious Emission

7.1 Test Limit

According to the methods defined in ANSI C63.10-2020 Section 11.11.1

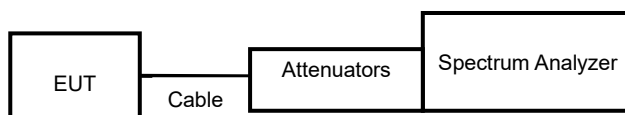
Below -30dB of the highest emission level of operating band (In 100 kHz Resolution Bandwidth)

7.2 Test Procedure

According to the methods defined in ANSI C63.10-2020 Section 11.11.2 & 11.11.3

- The transmitter output was connected to the spectrum analyzer via a low loss cable.
- Set RBW of spectrum analyzer to 100 KHz and VBW of spectrum analyzer to 300 KHz with convenient frequency span including 100 KHz bandwidth from band edge.
- Peak conducted output power measured within any 100 kHz outside the authorized frequency band shall be attenuated by at least 30dB relative to the maximum measured in-band peak PSD level.
- The band edges was measured and recorded.

7.3 Test Setup Layout



7.4 Test Result and Data

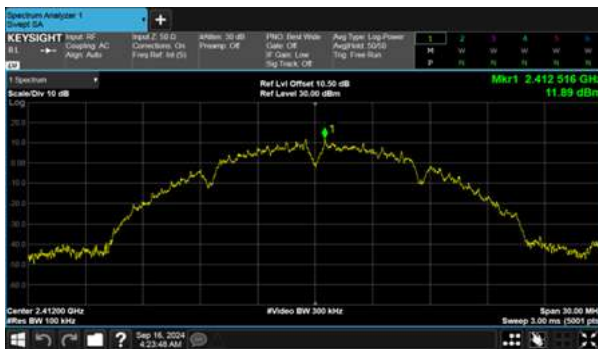
Note: Test plots refers to the following pages.



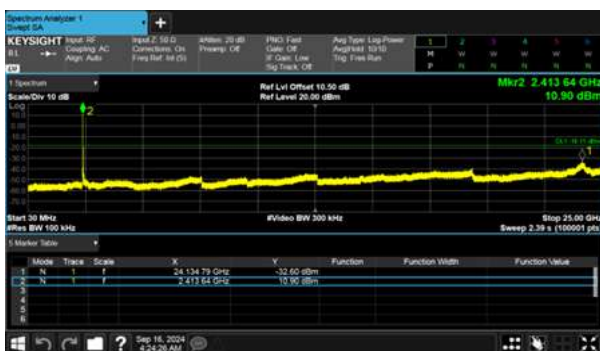
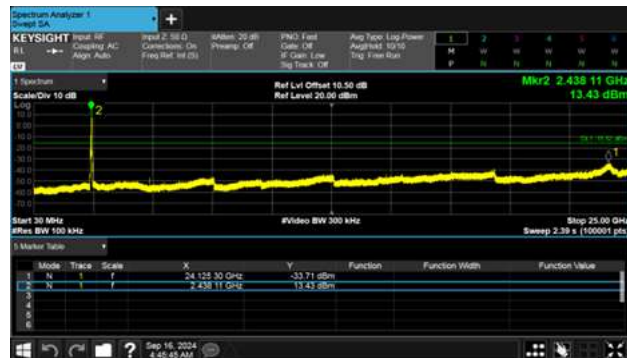
For 24070407-TRFCC03

SISO ANT A

Modulation Type: 802.11b, CH 01



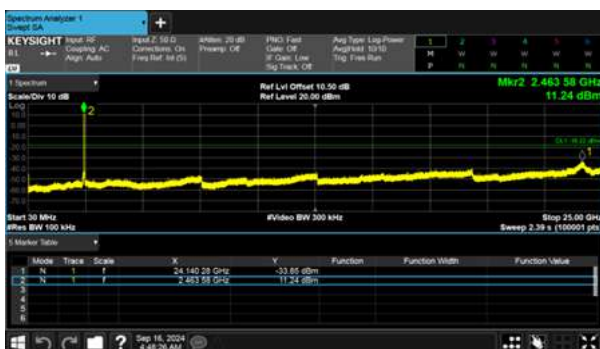
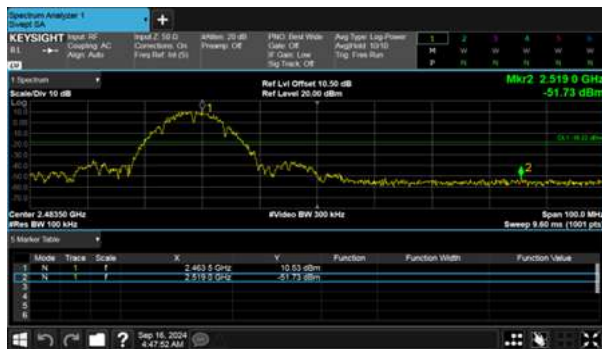
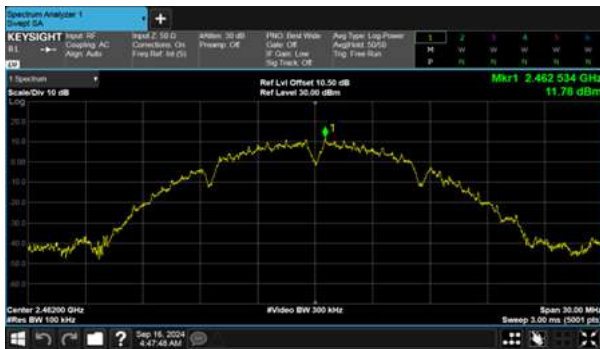
Modulation Type: 802.11b, CH 06





SISO ANT A

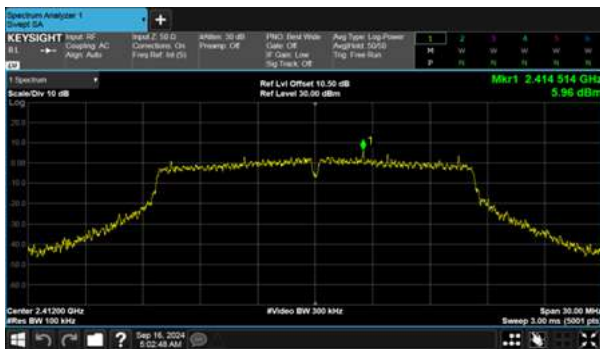
Modulation Type: 802.11b, CH 11



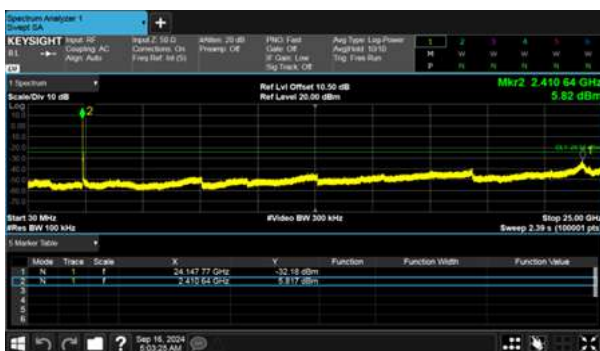
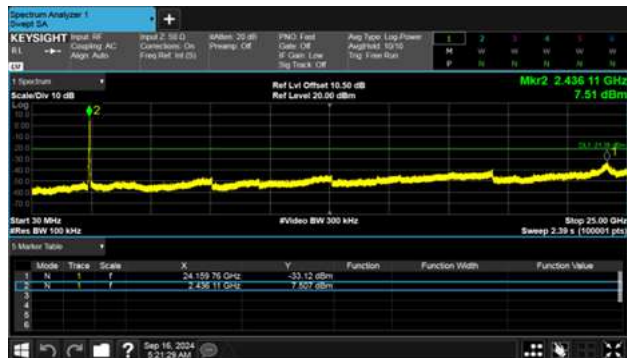
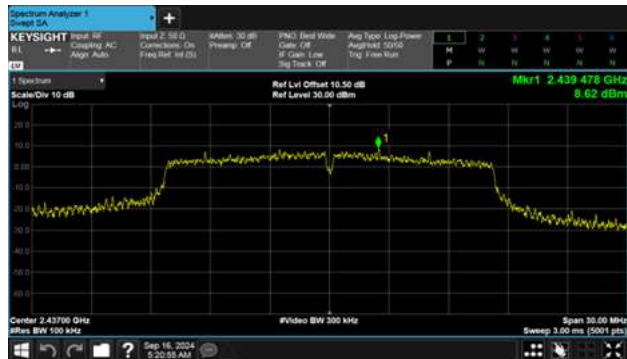


SISO ANT A

Modulation Type: 802.11g, CH 01



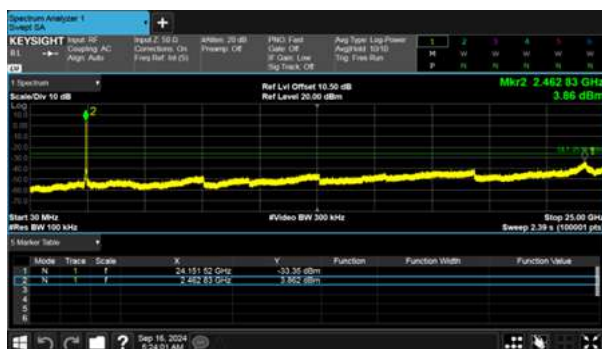
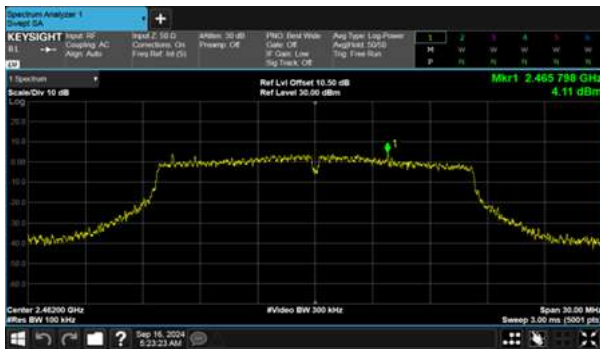
Modulation Type: 802.11g, CH 06





SISO ANT A

Modulation Type: 802.11g, CH 11

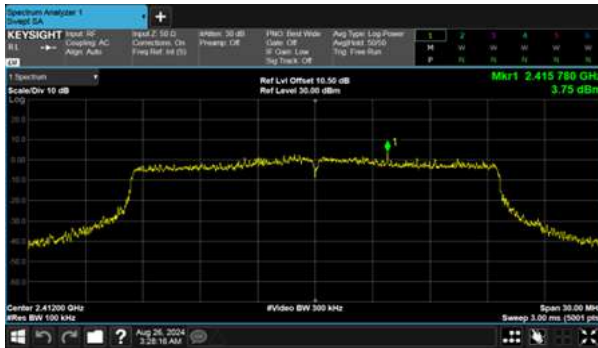




MIMO

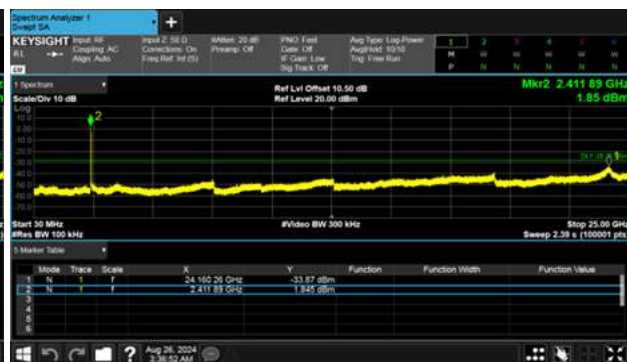
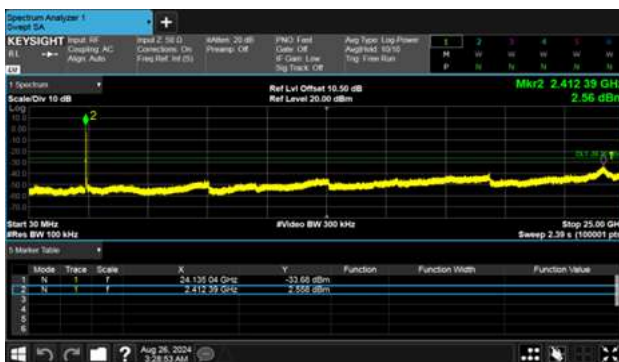
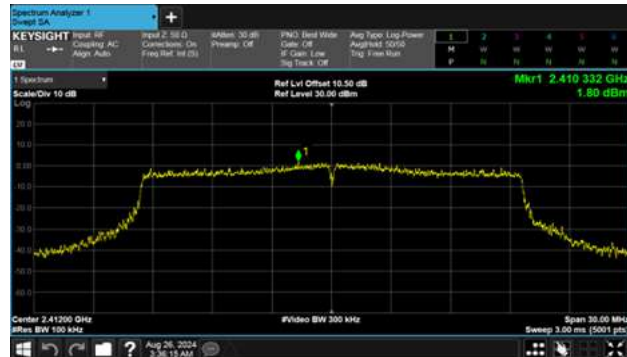
ANT A

Modulation Type: 802.11ax20, CH01



ANT B

Modulation Type: 802.11ax20, CH01

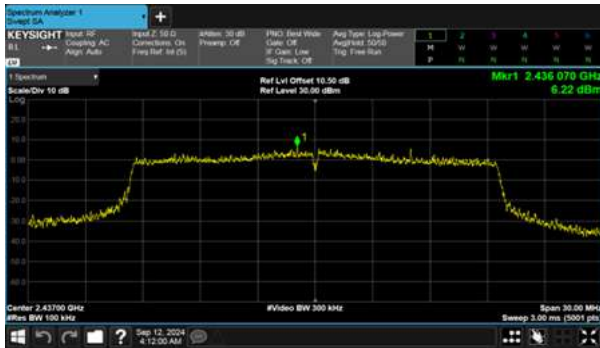




MIMO

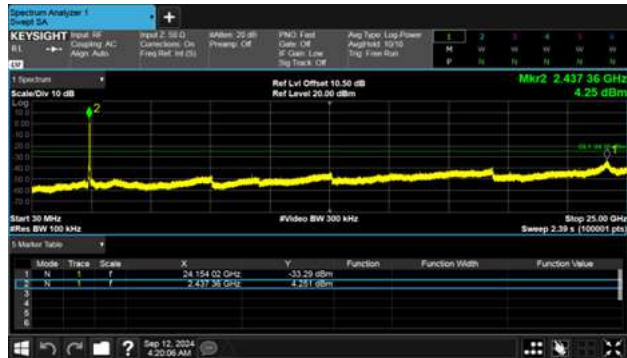
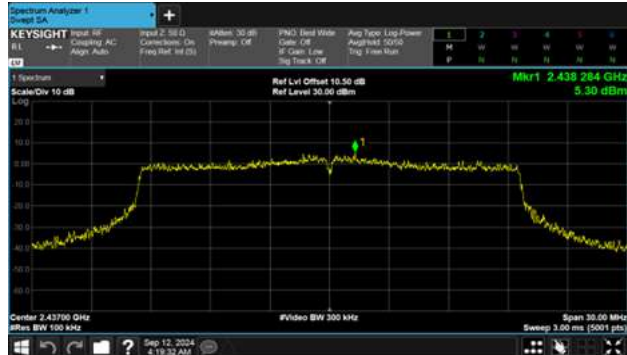
ANT A

Modulation Type: 802.11ax20, CH06



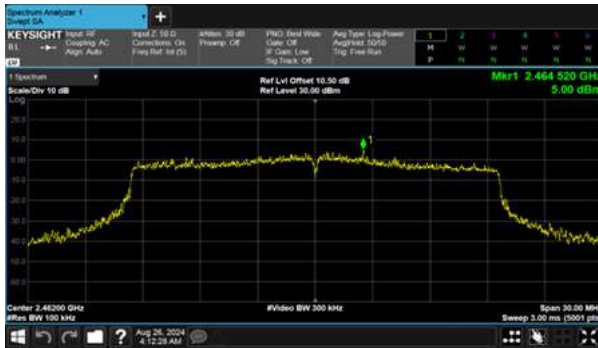
ANT B

Modulation Type: 802.11ax20, CH06

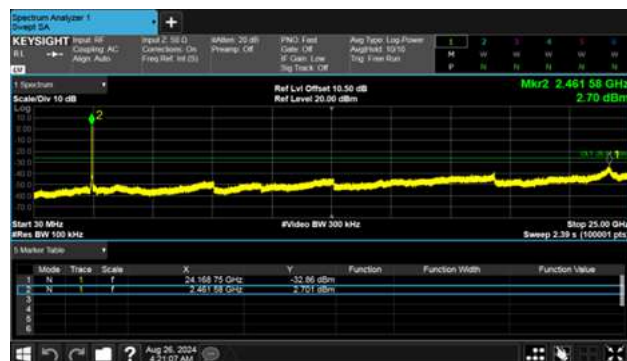
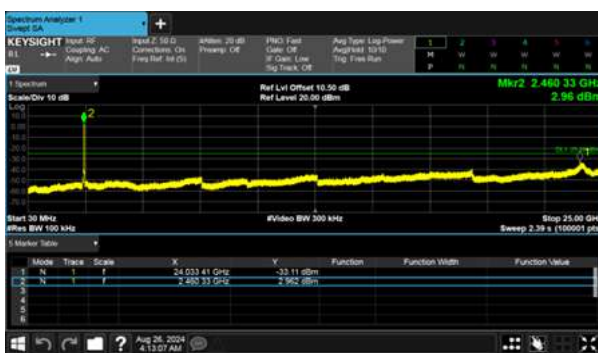
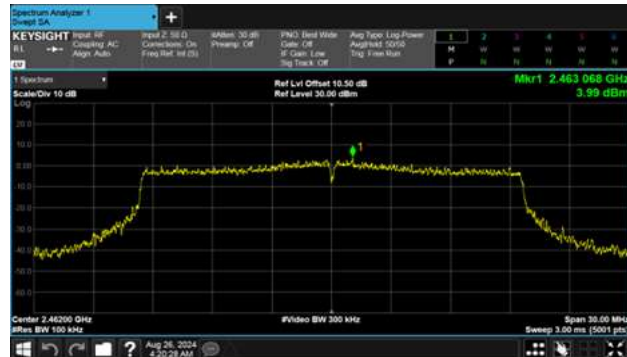




MIMO
ANT A
Modulation Type: 802.11ax20, CH11



ANT B
Modulation Type: 802.11ax20, CH11

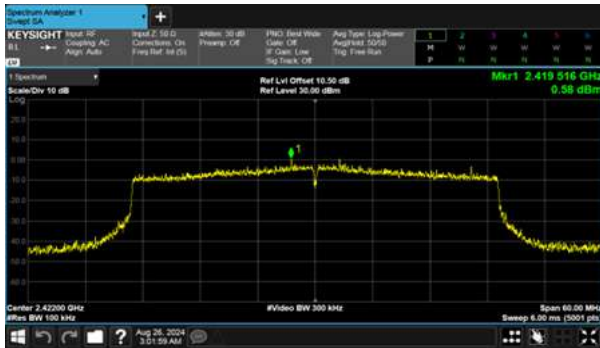




MIMO

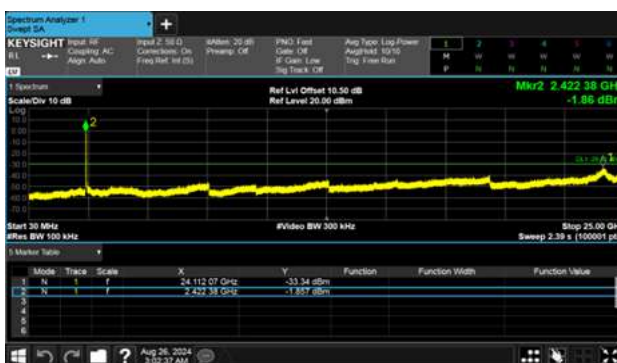
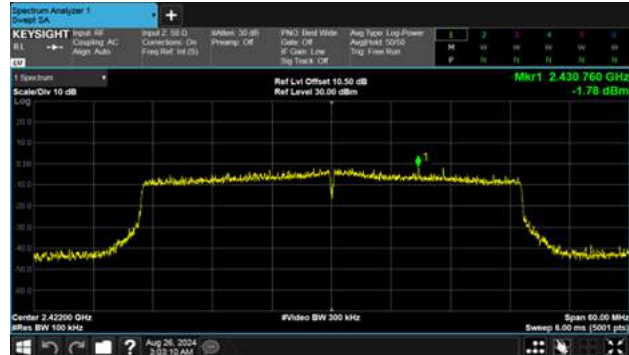
ANT A

Modulation Type: 802.11ax40, CH03



ANT B

Modulation Type: 802.11ax40, CH03

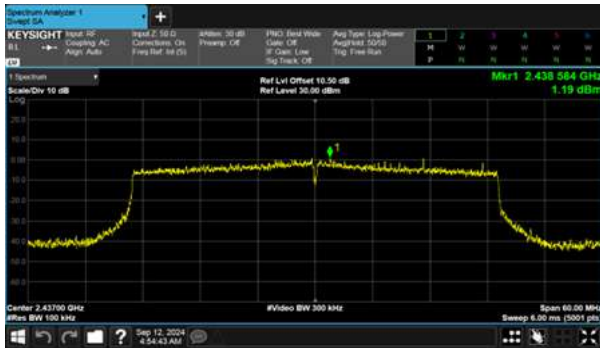




MIMO

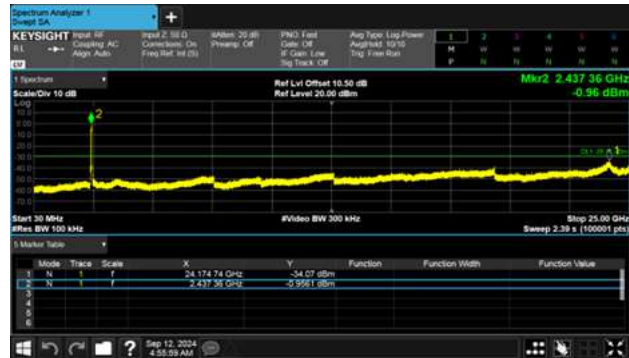
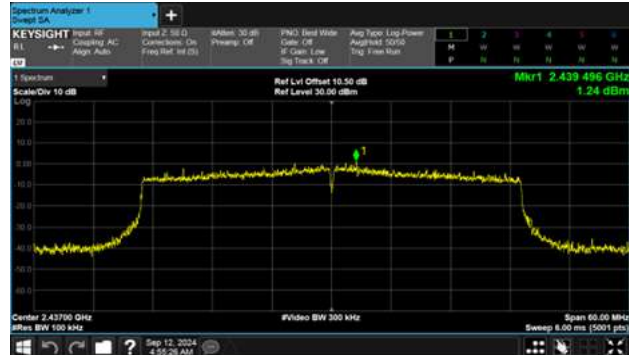
ANT A

Modulation Type: 802.11ax40, CH06

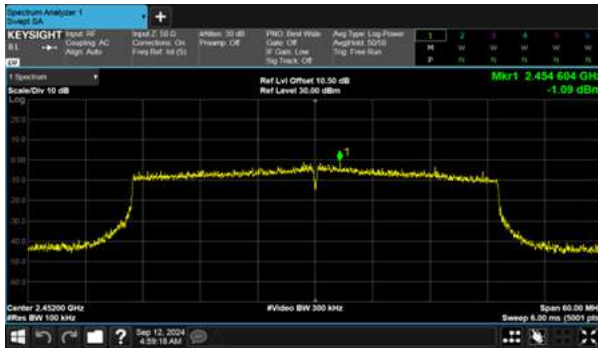


ANT B

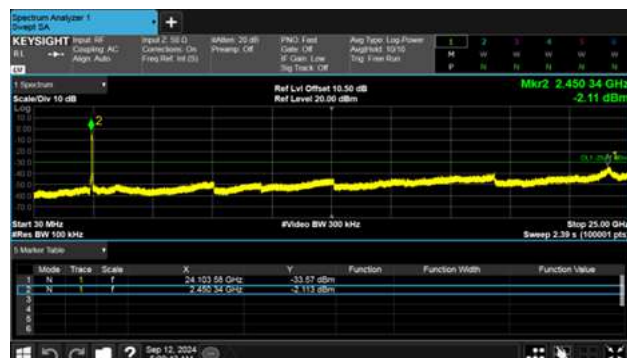
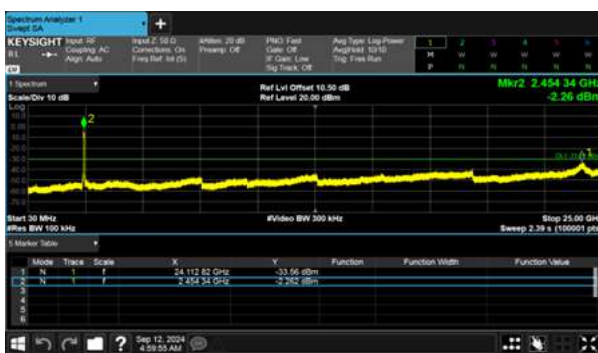
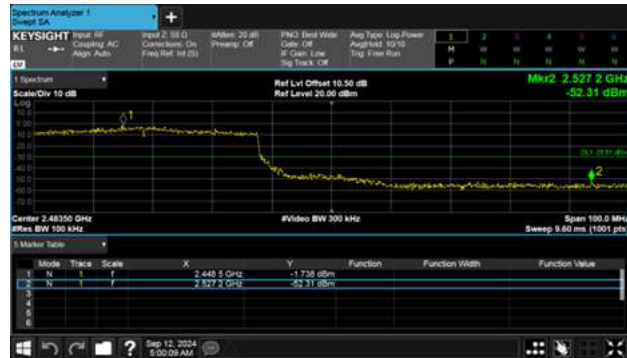
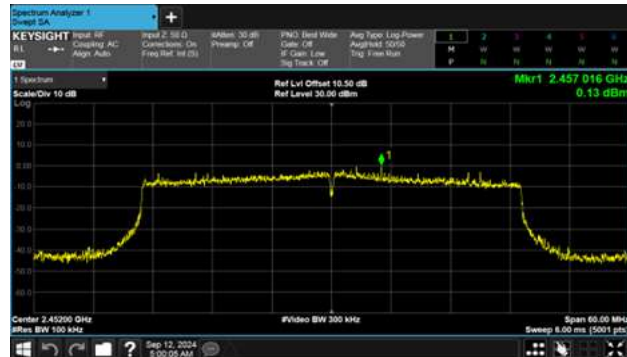
Modulation Type: 802.11ax40, CH06



MIMO
ANT A
Modulation Type: 802.11ax40, CH09



ANT B
Modulation Type: 802.11ax40, CH09





8. On Time, Duty Cycle and Measurement methods

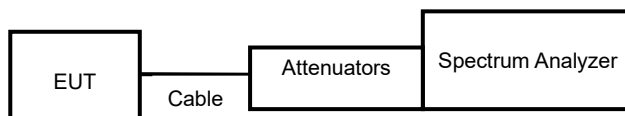
8.1 Test Limit

None; for reporting purposes only.

8.2 Test Procedure

According to the methods defined in ANSI C63.10-2020 Section 11.6
Zero-Span Spectrum Analyzer Method.

8.3 Test Setup Layout



8.4 Test Result and Data

For 24070407-TRFCC03

SISO

Modulation Type	On Time (ms)	Period Time (ms)	Duty Cycle (%)
11b,1M	0.668	0.677	98.71%
11g,6M	2.105	2.115	99.53%

MIMO

Modulation Type	On Time (ms)	Period Time (ms)	Duty Cycle (%)
11ax HE20	5.436	5.440	99.93%
11ax HE40	3.086	3.086	100.00%



For 24070407-TRFCC03

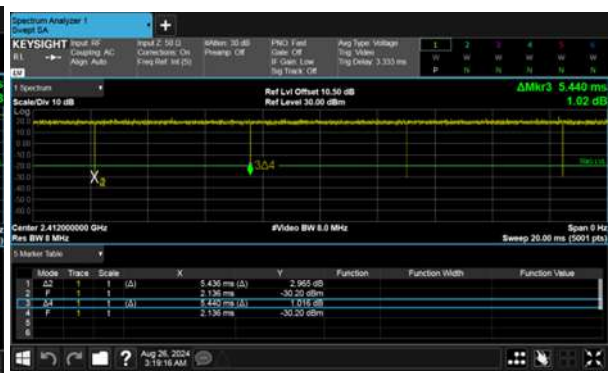
SISO

Modulation Type: 802.11b



MIMO

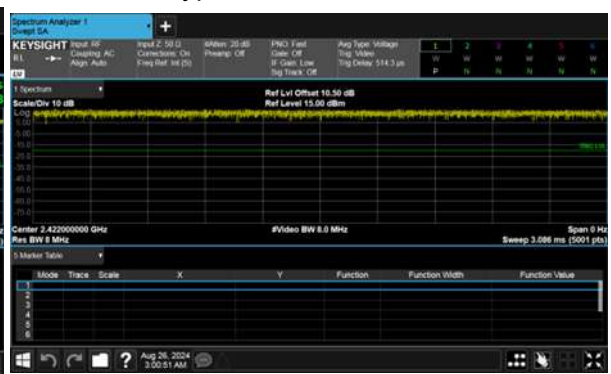
Modulation Type: 802.11ax20



Modulation Type: 802.11g



Modulation Type: 802.11ax40





9. 6dB Bandwidth Measurement Data

9.1 Test Limit

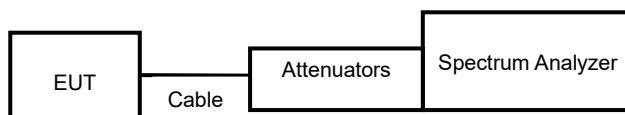
The minimum of 6dB Bandwidth Measurement is 0.5 MHz.

9.2 Test Procedures

According to the methods defined in ANSI C63.10-2020 Section 11.8

- The transmitter output was connected to the spectrum analyzer.
- Set RBW of spectrum analyzer to 100 KHz and VBW to 300 KHz.
- The 6 dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 6 dB.
- The 6dB Bandwidth was measured and recorded.

9.3 Test Setup Layout





9.4 Test Result and Data

For 24070407-TRFCC03

SISO

Modulation Type	Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)
			ANT A	
11b	1	2412	7.60	0.5
	6	2437	9.11	0.5
	11	2462	7.16	0.5
11g	1	2412	15.13	0.5
	6	2437	15.16	0.5
	11	2462	15.13	0.5

MIMO

Modulation Type	Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Limit (MHz)
			ANT A	ANT B	
11ax HE20	1	2412	16.07	15.04	0.5
	6	2437	16.71	15.47	0.5
	11	2462	16.04	16.34	0.5
11ax HE40	3	2422	35.03	35.48	0.5
	6	2437	35.80	35.60	0.5
	9	2452	35.94	35.41	0.5



6dB Bandwidth
SISO ANT A
Modulation Type: 802.11b
CH01



Modulation Type: 802.11g
CH01



CH06



CH06



CH11



CH11





For 24070407-TRFCC03-6dB Bandwidth
MIMO
ANT A
Modulation Type: 802.11ax20
CH01



ANT B
Modulation Type: 802.11ax20
CH01



CH06



CH06



CH11



CH11





6dB Bandwidth

MIMO

ANT A

Modulation Type: 802.11ax40

CH03



ANT B

Modulation Type: 802.11ax40

CH03



CH06



CH06



CH09



CH09





10. Maximum Average Output Power

10.1 Test Limit

The Maximum Average Output Power Measurement is 30dBm.

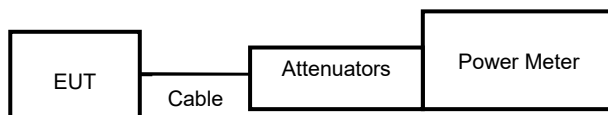
If transmitting antennas of directional gain greater than 6 dBi are used, the average output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi

10.2 Test Procedures

According to the methods defined in ANSI C63.10-2020 Section 11.9.2.3.2

The antenna port (RF output) of the EUT was connected to the input (RF input) of a power meter. Power was read directly from the meter and cable loss connection was added to the reading to obtain power at the EUT antenna terminal. The EUT Output Power was set to maximum to produce the worse case test result.

10.3 Test Setup Layout



**10.4 Test Result and Data**

For 24070407-TRFCC03

ANT A

Data Rate	Setting	Modulation Mode	Channel	Frequency (MHz)	Conducted(average) output power (dBm)	Total AV power (dBm)	Total AV power (mW)	Power Limit (dBm)
					ANT A			
1	21.5	11b	1	2412	20.22	20.22	105.196	30.00
	22.5		6	2437	24.02	24.02	252.348	30.00
	21.5		11	2462	20.11	20.11	102.565	30.00
6	17	11g	1	2412	16.18	16.18	41.495	30.00
	21		6	2437	20.49	20.49	111.944	30.00
	18		11	2462	16.76	16.76	47.424	30.00

ANT B

Data Rate	Setting	Modulation Mode	Channel	Frequency (MHz)	Conducted(average) output power (dBm)	Total AV power (dBm)	Total AV power (mW)	Power Limit (dBm)
					ANT B			
1	21	11b	1	2412	19.92	19.92	98.175	30.00
	22.5		6	2437	22.07	22.07	161.065	30.00
	21		11	2462	19.93	19.93	98.401	30.00
6	17	11g	1	2412	16.07	16.07	40.458	30.00
	21		6	2437	19.34	19.34	85.901	30.00
	17.5		11	2462	16.74	16.74	47.206	30.00

ANT A, B

Data Rate	Setting	Modulation Mode	Channel	Frequency (MHz)	Conducted(average) output power (dBm)		Total AV power (dBm)	Total AV power (mW)	Power Limit (dBm)
					ANT A	ANT B			
NSS1-MCS0	16	11ax HE20	1	2412	15.48	15.11	18.31	67.752	30.00
	18.5		6	2437	17.74	17.02	20.41	109.779	30.00
	16.5		11	2462	15.59	16.02	18.82	76.219	30.00
NSS1-MCS0	14.5	11ax HE40	3	2422	13.82	13.73	16.79	47.704	30.00
	17		6	2437	15.98	15.13	18.59	72.211	30.00
	15		9	2452	7.03	7.33	10.19	10.454	30.00



11. Power Spectral Density

11.1 Test Limit

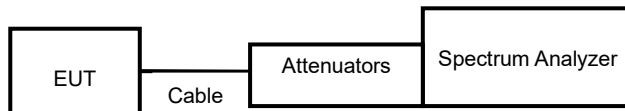
The Maximum of Power Spectral Density Measurement is 8dBm.

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

11.2 Test Procedures

According to the methods defined in ANSI C63.10-2020 Section 11.10

11.3 Test Setup Layout





11.4 Test Result and Data

For 24070407-TRFCC03

SISO

Modulation Type	Channel	Frequency (MHz)	Maximum Power Density of 3KHz Bandwidth(dBm)	Sum chain (dBm)	Duty Cycle CF(dB)	Total PSD (dBm)	Limit (dBm)
			ANT A				
11b	1	2412	-7.037	-7.04	0.00	-7.04	8.00
	6	2437	-4.395	-4.40	0.00	-4.40	8.00
	11	2462	-7.437	-7.44	0.00	-7.44	8.00
11g	1	2412	-15.236	-15.24	0.00	-15.24	8.00
	6	2437	-10.891	-10.89	0.00	-10.89	8.00
	11	2462	-14.146	-14.15	0.00	-14.15	8.00

MIMO

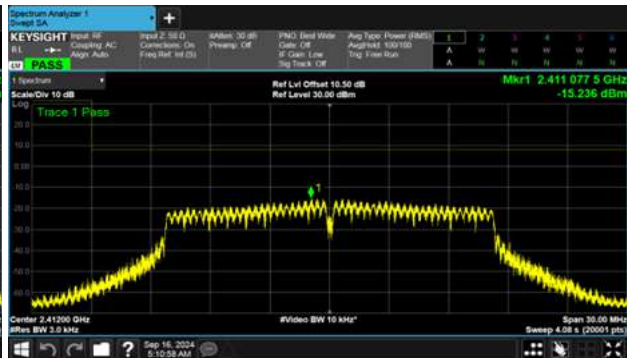
Modulation Type	Channel	Frequency (MHz)	Maximum Power Density of 3KHz Bandwidth(dBm)		Sum chain (dBm)	Duty Cycle CF(dB)	Total PSD (dBm)	Limit (dBm)
			ANT A	ANT B				
11ax HE20	1	2412	-18.619	-18.798	-15.70	0.00	-15.70	8.00
	6	2437	-16.049	-16.934	-13.46	0.00	-13.46	8.00
	11	2462	-18.201	-18.114	-15.15	0.00	-15.15	8.00

Modulation Type	Channel	Frequency (MHz)	Maximum Power Density of 100KHz Bandwidth(dBm)		Sum chain (dBm)	Duty Cycle CF(dB)	Total PSD (dBm)	Limit (dBm)
			ANT A	ANT B				
11ax HE40	3	2422	-8.375	-8.981	-5.66	0.00	-5.66	8.00
	6	2437	-6.477	-7.046	-3.74	0.00	-3.74	8.00
	9	2452	-9.239	-9.013	-6.11	0.00	-6.11	8.00



For 24070407-TRFCC03
SISO ANT A
Modulation Type: 802.11b
CH01

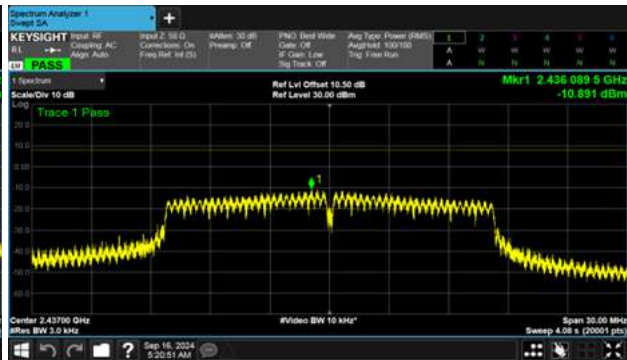
Modulation Type: 802.11g
CH01



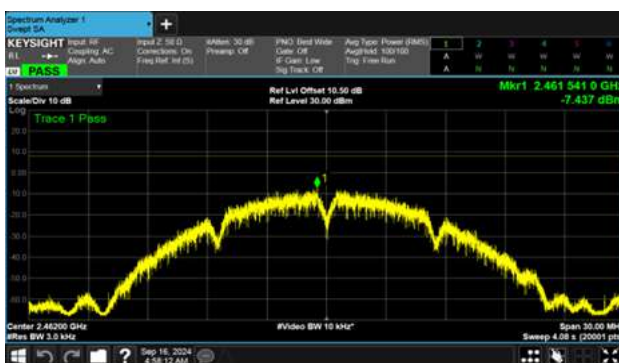
CH06



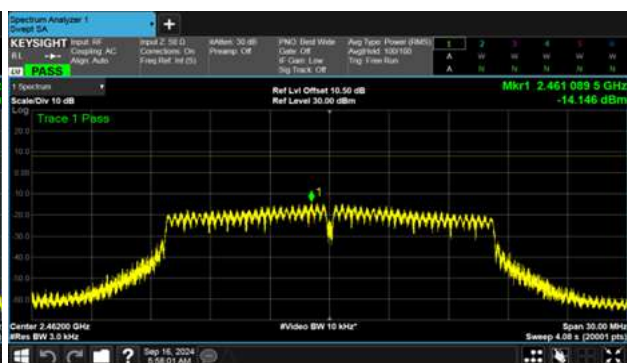
CH06



CH11

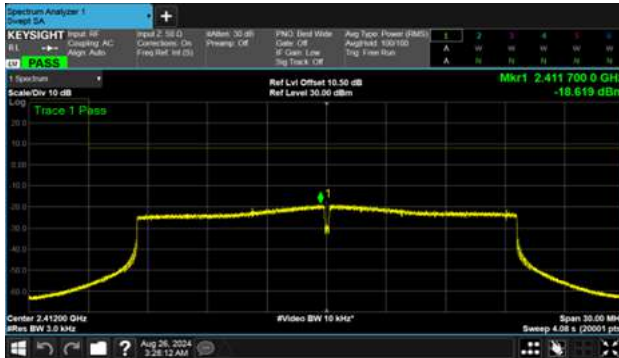


CH11

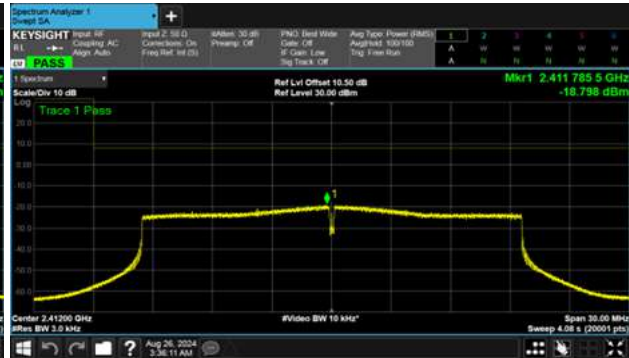




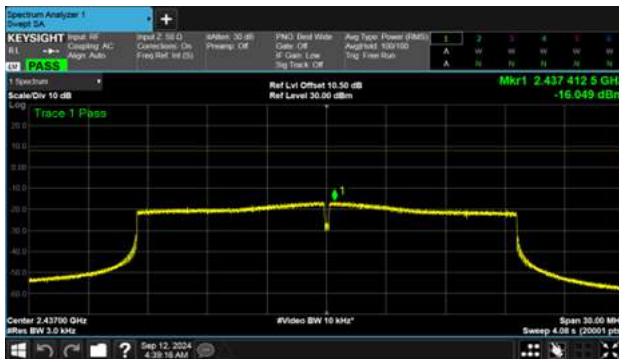
MIMO
ANT A
Modulation Type: 802.11ax20
CH01



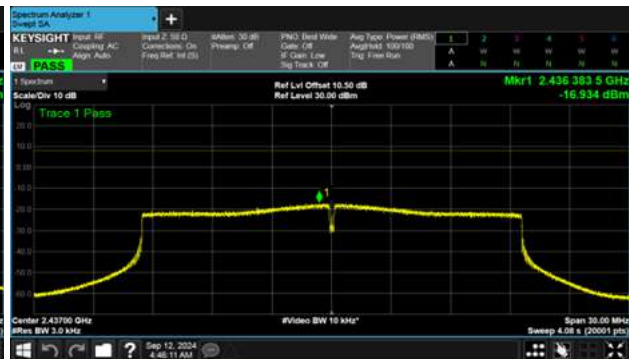
ANT B
Modulation Type: 802.11ax20
CH01



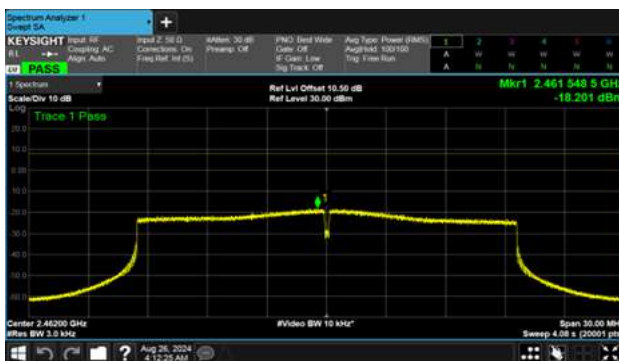
CH06



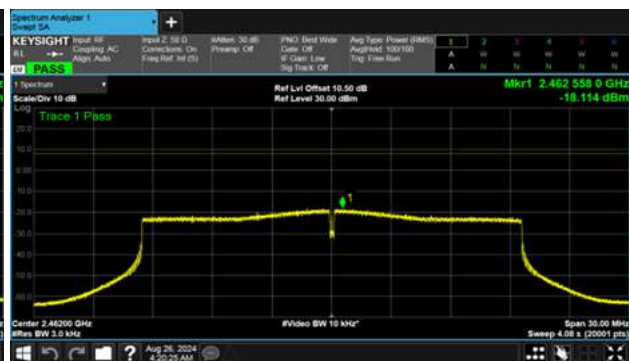
CH06



CH11

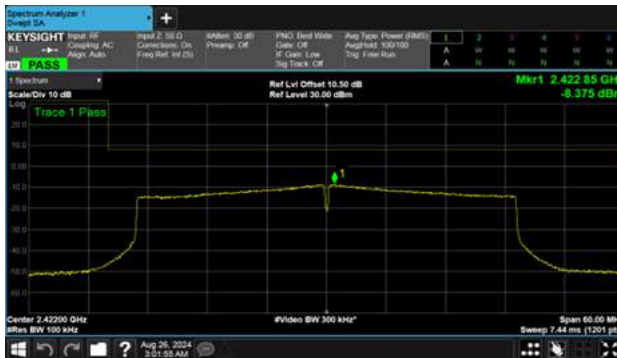


CH11

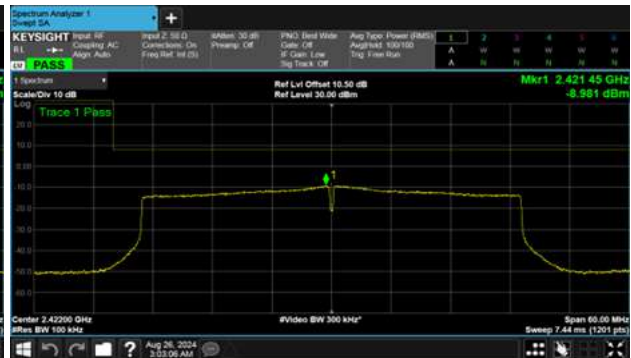




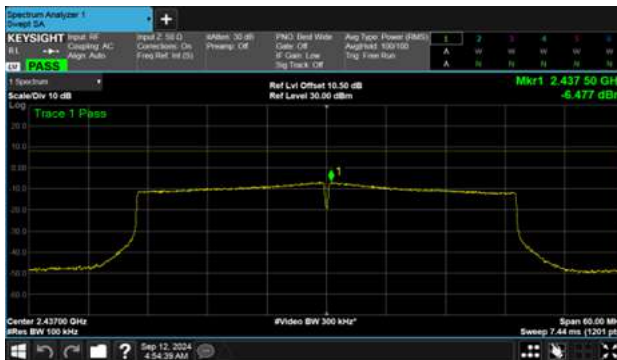
MIMO
ANT A
Modulation Type: 802.11ax40
CH03



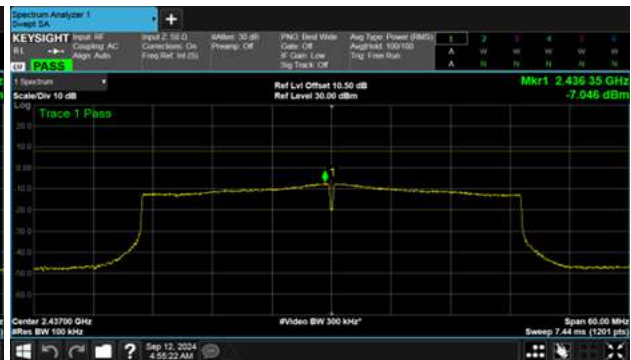
ANT B
Modulation Type: 802.11ax40
CH03



CH06



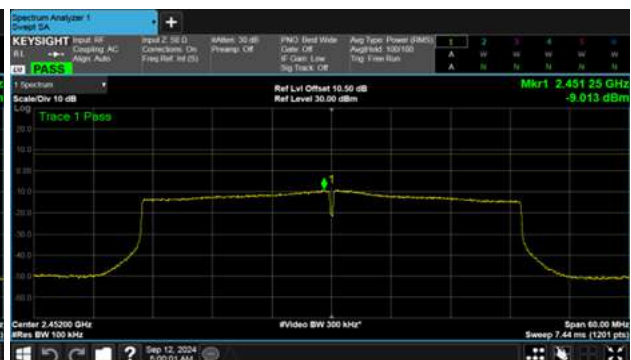
CH06



CH09



CH09



-----THE END OF REPORT-----