

High Channel – 5825MHz - both chains transmitting Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Client/Model - Alarm.Com / V730

Radiated Emissions

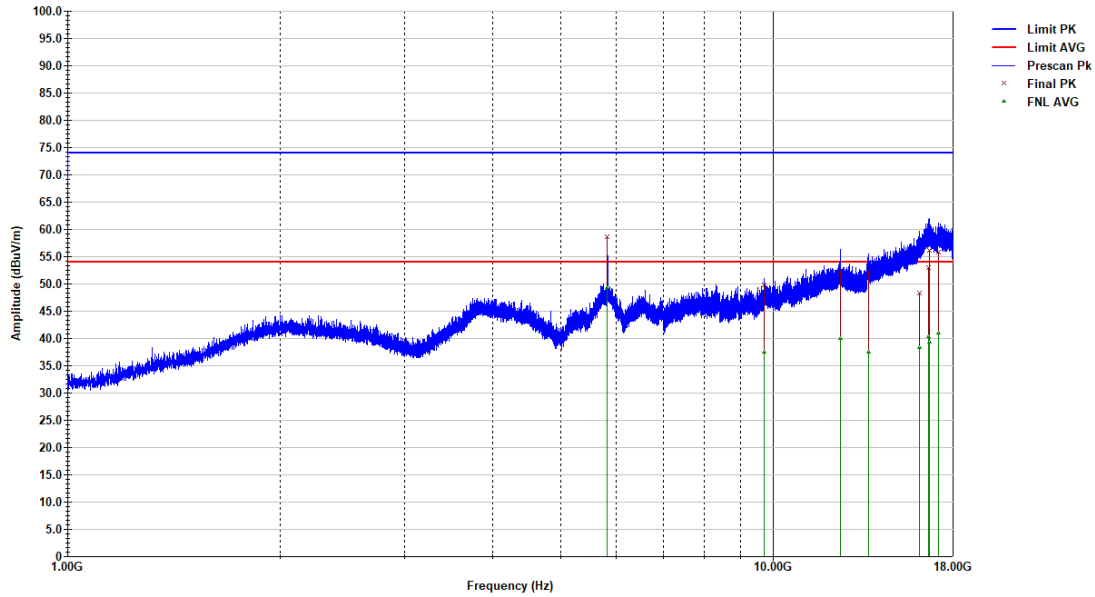
Test Mode - TX, UNII3, 6 GHz HPF

Horizontal AVG

Operator - AG

Standard - FCC 15.407

Comments - 5825 MHz, 802.11n HT20, mcs2, pwr 66



5825 2 66 RECISPR SW1A NC 3117 w lambda lna AVG 1G-18G 06Feb2024.ttl

Last Data Update 03:44:57 PM, Wednesday, August 07, 2024

Peak Data

Freq. (MHz)	Final PK (dBuV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Ant. Height (cm)	Azimuth (deg.)
5826.3	58.65	9.39	-15.35	74	317	97
9718.45	49.77	18.91	-24.23	74	271	186
12454.17	52.27	25.98	-21.73	74	324	211
13657.35	52.39	26.35	-21.61	74	355	329
16132.97	48.38	31.5	-25.62	74	194	100
16617.05	53.08	33.6	-20.92	74	272	9
16684.2	56.18	33.61	-17.82	74	255	296
17173.8	55.78	32.8	-18.22	74	179	104

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5826.3	49.36	0	9.39	-4.64	54	317	97
9718.45	37.48	0	18.91	-16.52	54	271	186
12454.17	39.98	0	25.98	-14.02	54	324	211
13657.35	37.45	0	26.35	-16.55	54	355	329
16132.97	38.33	0	31.5	-15.67	54	194	100
16617.05	40.36	0	33.6	-13.64	54	272	9
16684.2	39.39	0	33.61	-14.61	54	255	296
17173.8	41.03	0	32.8	-12.97	54	179	104

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Client/Model - Alarm.Com / V730

Radiated Emissions

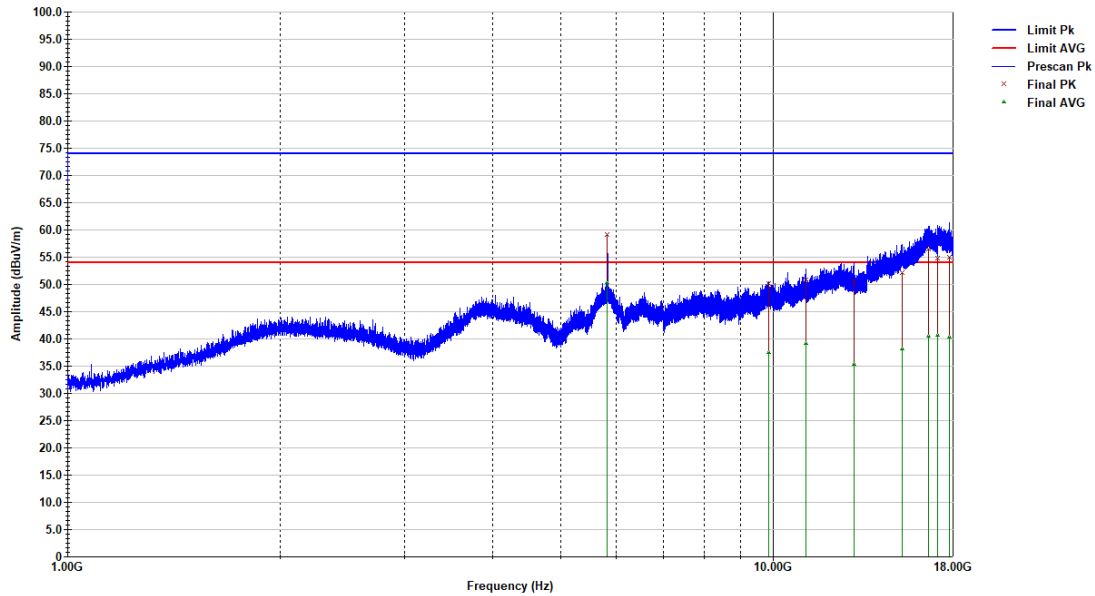
Test Mode - TX, UNII3, 6 GHz HPF

Vertical AVG

Operator - AG

Standard - FCC 15.407

Comments - 5825 MHz, 802.11n HT20, mcs2, pwr 66



5825 2 66 RECISPR SW1A NC 3117 w lambda lna AVG 1G-18G 06Feb2024.ttl

Last Data Update 03:20:05 PM, Wednesday, August 07, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5824.175	59.17	9.37	-14.83	74	218	115
9875.275	50.13	19.08	-23.87	74	264	380
11138.8	50.81	22.66	-23.19	74	362	104
13019	50.65	26.07	-23.35	74	241	165
15265.98	52.09	29.05	-21.91	74	400	157
16626.83	56.47	33.63	-17.53	74	163	258
17123.65	54.9	32.78	-19.1	74	257	167
17780.7	55.06	31.85	-18.94	74	287	145

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5824.175	50.37	0	9.37	-3.63	54	218	115
9875.275	37.49	0	19.08	-16.51	54	264	380
11138.8	39.11	0	22.66	-14.89	54	362	104
13019	35.38	0	26.07	-18.62	54	241	165
15265.98	38.21	0	29.05	-15.79	54	400	157
16626.83	40.42	0	33.63	-13.58	54	163	258
17123.65	40.67	0	32.78	-13.33	54	257	167
17780.7	40.35	0	31.85	-13.65	54	287	145

Upper band edge Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Radiated Emissions

Horizontal AVG

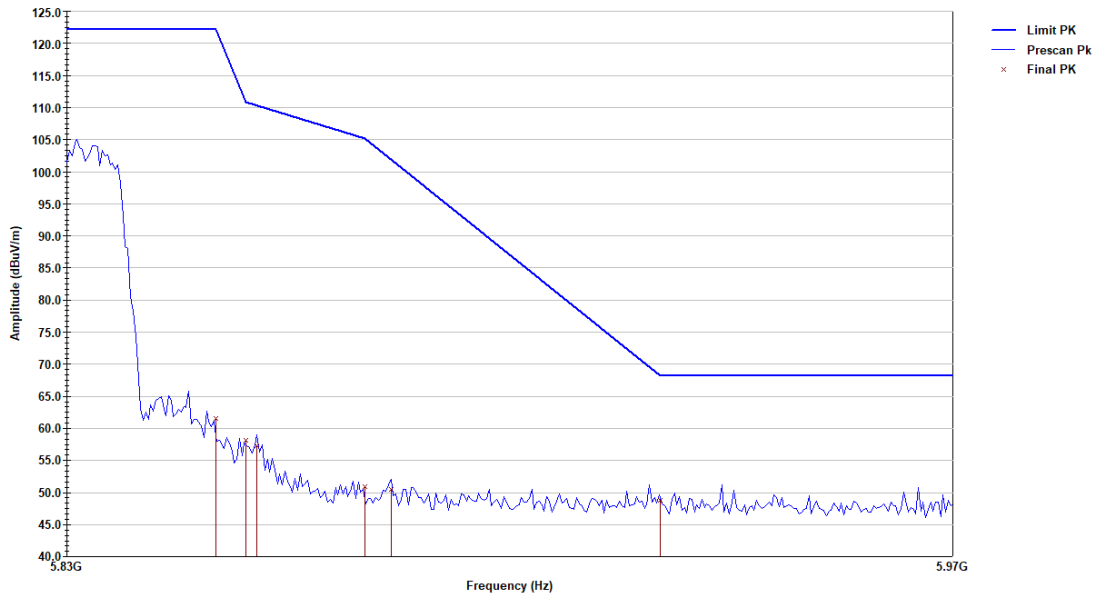
Model # - Alarm.Com / V730

Test Mode - Tx mode, Upper Band-Edge

Operator - AG

Standard - FCC Class B

Comments - 5825MHz, 802.11n HT20, pwr 66, mcs2



5825 mcs2 66 RE Upper Band-Edge_3117 2042.ttl

Last Data Update 07:42:04 AM, Thursday, August 29, 2024

Peak Data

Freq. (MHz)	Final PK (dBuV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Ant. Height (cm)	Azimuth (deg.)
5850	61.5	9.56	-60.7	122.2	150	129
5855	58.18	9.59	-52.62	110.8	150	129
5856.9	57.31	9.61	-52.96	110.27	371	-20
5875	50.92	9.73	-54.28	105.2	240	235
5879.425	50.42	9.76	-51.51	101.93	150	137
5925	48.72	9.97	-19.48	68.2	186	252

No Average limit is defined for the upper band edge.

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Radiated Emissions

Vertical AVG

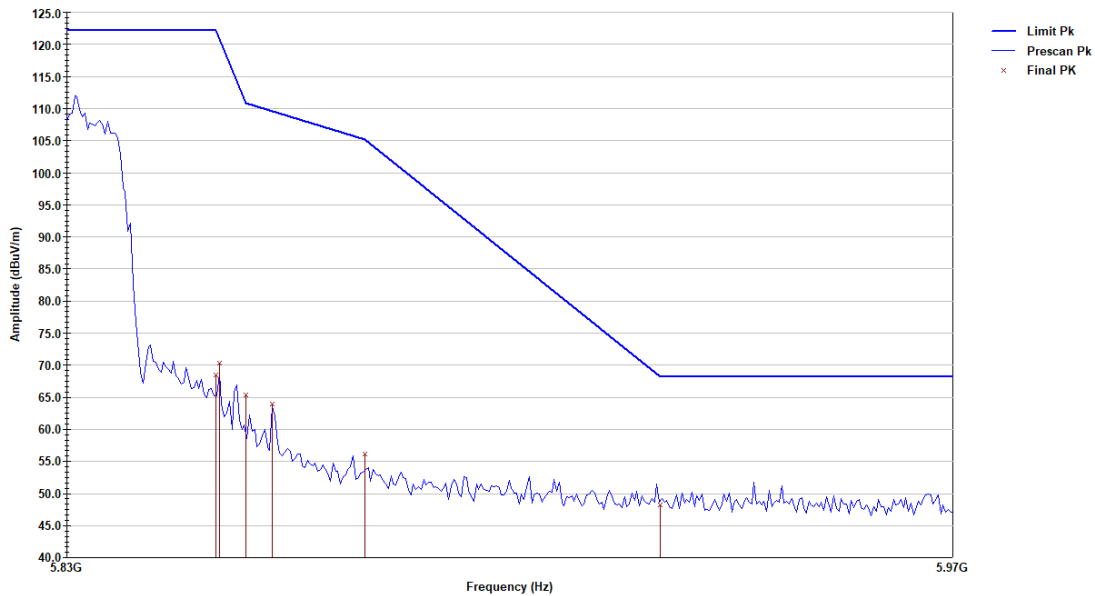
Model # - Alarm.Com / V730

Test Mode - Tx mode, Upper Band-Edge

Operator - AG

Standard - FCC Class B

Comments - 5825MHz, 802.11n HT20, pwr 66, mcs2



5825 mcs2 66 RE Upper Band-Edge_3117 2042.ttl

Last Data Update 07:27:03 AM, Thursday, August 29, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5850	68.46	9.56	-53.74	122.2	195	159
5850.525	70.35	9.56	-50.65	121	150	166
5855	65.42	9.59	-45.38	110.8	272	148
5859.45	63.98	9.62	-45.57	109.55	195	183
5875	56.19	9.73	-49.01	105.2	171	176
5925	48.2	9.97	-20	68.2	358	162

No Average limit is defined for the upper band edge.

UNII3: 802.11n40

30 to 1000 MHz Low Channel – 5755MHz - both chains transmitting Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Radiated Emissions

Horizontal QP

Customer / Model # - Alarm.Com / V730

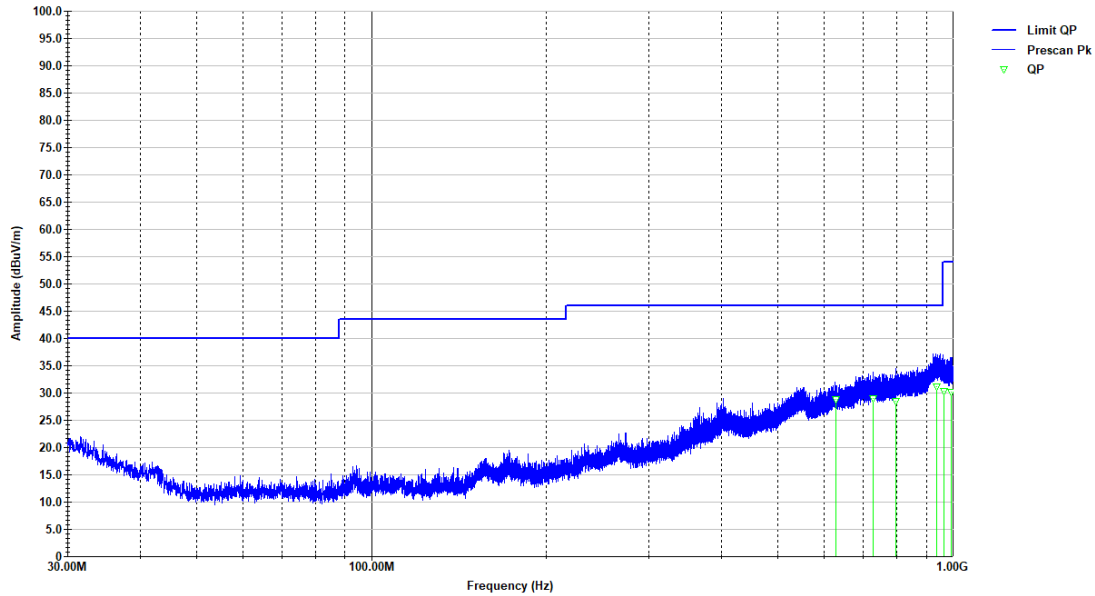
Serial # - N/A

Test Mode - TX

Operator - AC

Standard - FCC 15.407

Comments - 5755MHz, 802.11n HT40, mcs0, pwr 64



5755 mcs0 64 FCC 15.407 RE 30M-1GHz.ttl

Last Data Update 10:54:22 AM, Monday, August 12, 2024

Quasi-Peak Data

Freq. (MHz)	Final QP (dBuV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Ant. Height (cm)	Azimuth (deg.)
628.985	28.76	-13.17	-17.26	46.02	369	89
729.145	28.97	-11.71	-17.05	46.02	105	341
797.808	28.56	-11.43	-17.46	46.02	169	119
936.129	31.15	-8.34	-14.87	46.02	342	209
966.352	30.31	-9.05	-23.67	53.98	177	171
992.059	30.11	-9.4	-23.87	53.98	153	-10

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Radiated Emissions

Vertical QP

Customer / Model # - Alarm.Com / V730

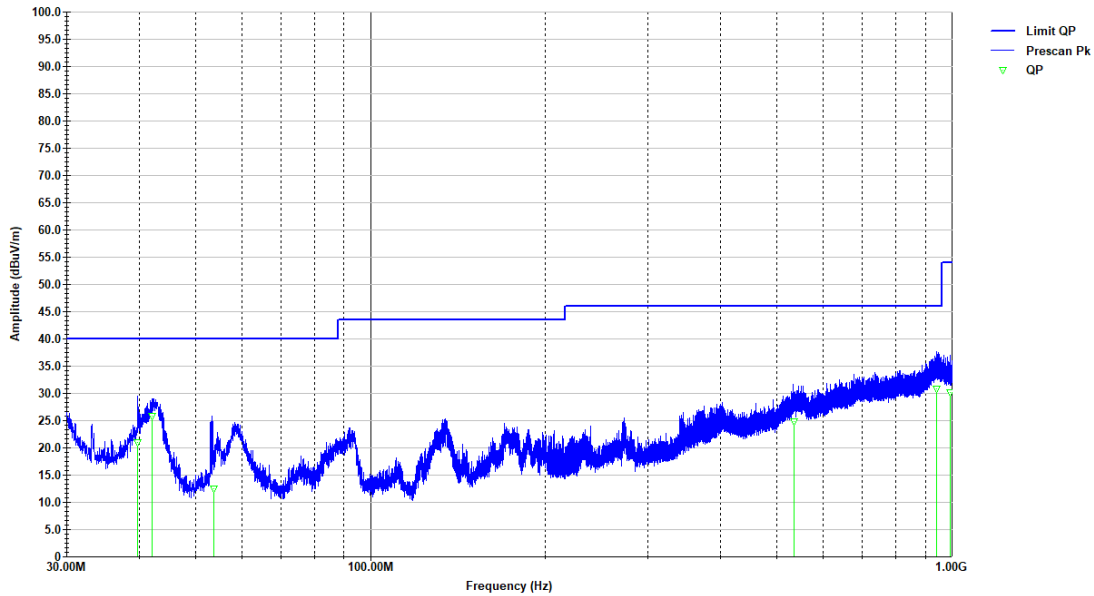
Serial # - N/A

Test Mode - TX

Operator - AC

Standard - FCC 15.407

Comments - 5755MHz, 802.11n HT40, mcs0, pwr 64



5755 mcs0 64 FCC 15.407 RE 30M-1GHz.ttl

Last Data Update 10:36:59 AM, Monday, August 12, 2024

Quasi-Peak Data

Freq. (MHz)	Final QP (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
39.778	20.97	-26.88	-19.03	40	153	24
42.083	25.9	-28.09	-14.1	40	100	313
53.668	12.47	-30.65	-27.53	40	169	120
534.064	24.83	-14.28	-21.19	46.02	400	48
941.744	30.86	-8.3	-15.16	46.02	400	90
992.728	30.2	-9.41	-23.78	53.98	122	148

1 to 18 GHz Low Channel – 5755MHz - both chains transmitting Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Client/Model - Alarm.Com / V730

Radiated Emissions

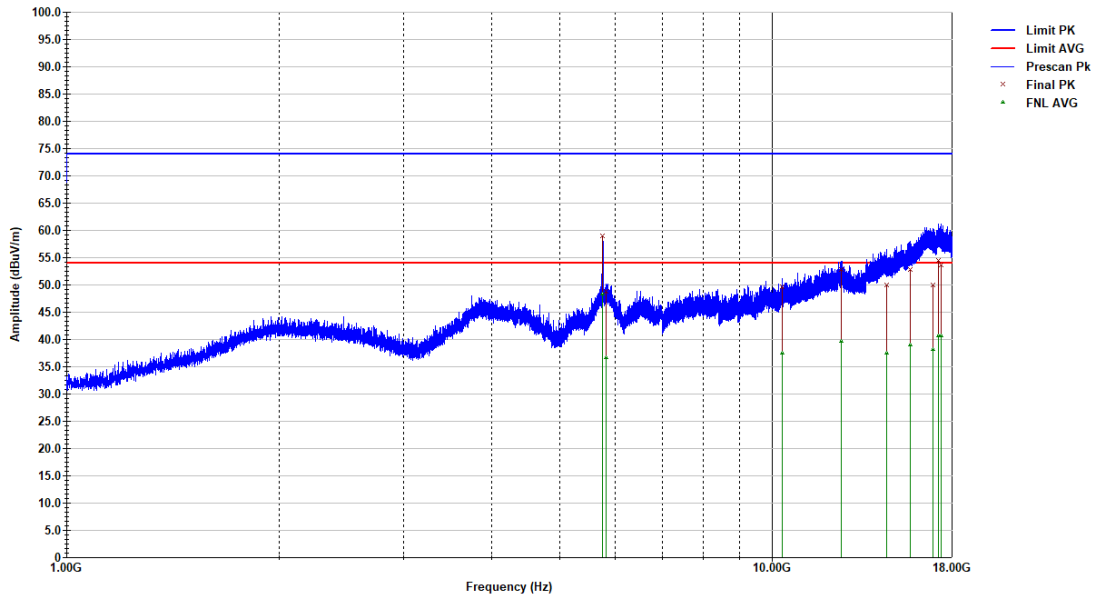
Test Mode - TX, UNII3, 6 GHz HPF

Horizontal AVG

Operator - AG

Standard - FCC 15.407

Comments - 5755 MHz, 802.11n HT40, mcs0, pwr 64



5755 0 64 RECISPR SW1A NC 3117 w lambda lna AVG 1G-18G 06Feb2024.ttl

Last Data Update 05:01:23 PM, Wednesday, August 07, 2024

Peak Data

Freq. (MHz)	Final PK (dBuV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Ant. Height (cm)	Azimuth (deg.)
5757.445	58.94	9.15	-15.06	74	217	152
5819.389	48.88	9.34	-25.12	74	400	194
10341.98	49.58	20.25	-24.42	74	201	211
12532.063	52.81	26.04	-21.19	74	150	155
14548.778	50.05	27.5	-23.95	74	171	-20
15698.703	52.77	30.11	-21.23	74	400	131
16936.713	49.98	33.33	-24.02	74	209	162
17234.611	54.55	32.71	-19.45	74	224	86
17347.923	53.64	32.39	-20.36	74	163	339

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5757.445	48.4	0	9.15	-5.6	54	217	152
5819.389	36.73	0	9.34	-17.27	54	400	194
10341.98	37.5	0	20.25	-16.5	54	201	211
12532.063	39.62	0	26.04	-14.38	54	150	155
14548.778	37.5	0	27.5	-16.5	54	171	-20
15698.703	39.01	0	30.11	-14.99	54	400	131
16936.713	38.23	0	33.33	-15.77	54	209	162
17234.611	40.7	0	32.71	-13.3	54	224	86
17347.923	40.71	0	32.39	-13.29	54	163	339

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Radiated Emissions

Vertical AVG

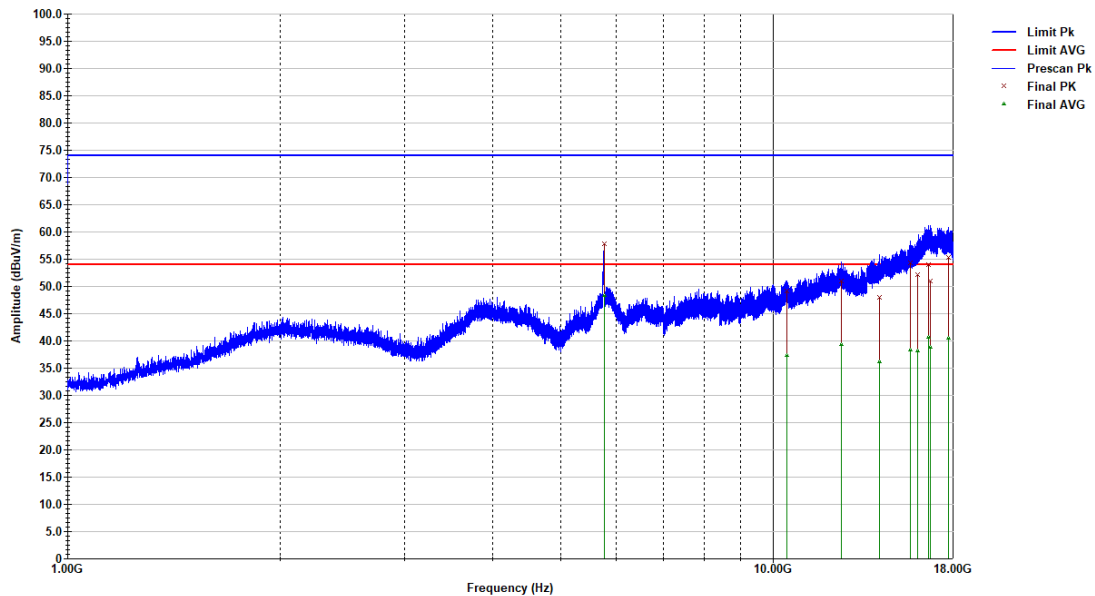
Client/Model - Alarm.Com / V730

Test Mode - TX, UNII3, 6 GHz HPF

Operator - AG

Standard - FCC 15.407

Comments - 5755 MHz, 802.11n HT40, mcs0, pwr 64



5755 0 64 RECISPR SW1A NC 3117 w lambda lna AVG 1G-18G 06Feb2024.ttl

Last Data Update 04:34:50 PM, Wednesday, August 07, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5759.77	57.86	9.15	-16.14	74	374	132
10454.895	49.14	20.49	-24.86	74	341	16
12509.498	50.95	26.02	-23.05	74	287	230
14162.2	47.93	26.82	-26.07	74	203	329
15671.912	54.25	30.05	-19.75	74	365	51
16061.137	52.16	31.24	-21.84	74	318	325
16598.733	53.99	33.53	-20.01	74	295	201
16723.04	51.04	33.59	-22.96	74	372	310
17747.225	55.27	31.88	-18.73	74	310	273

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5759.77	48.26	0	9.15	-5.74	54	374	132
10454.895	37.4	0	20.49	-16.6	54	341	16
12509.498	39.4	0	26.02	-14.6	54	287	230
14162.2	36.18	0	26.82	-17.82	54	203	329
15671.912	38.39	0	30.05	-15.61	54	365	51
16061.137	38.25	0	31.24	-15.75	54	318	325
16598.733	40.58	0	33.53	-13.42	54	295	201
16723.04	38.86	0	33.59	-15.14	54	372	310
17747.225	40.44	0	31.88	-13.56	54	310	273

Lower band edge Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Radiated Emissions

Horizontal AVG

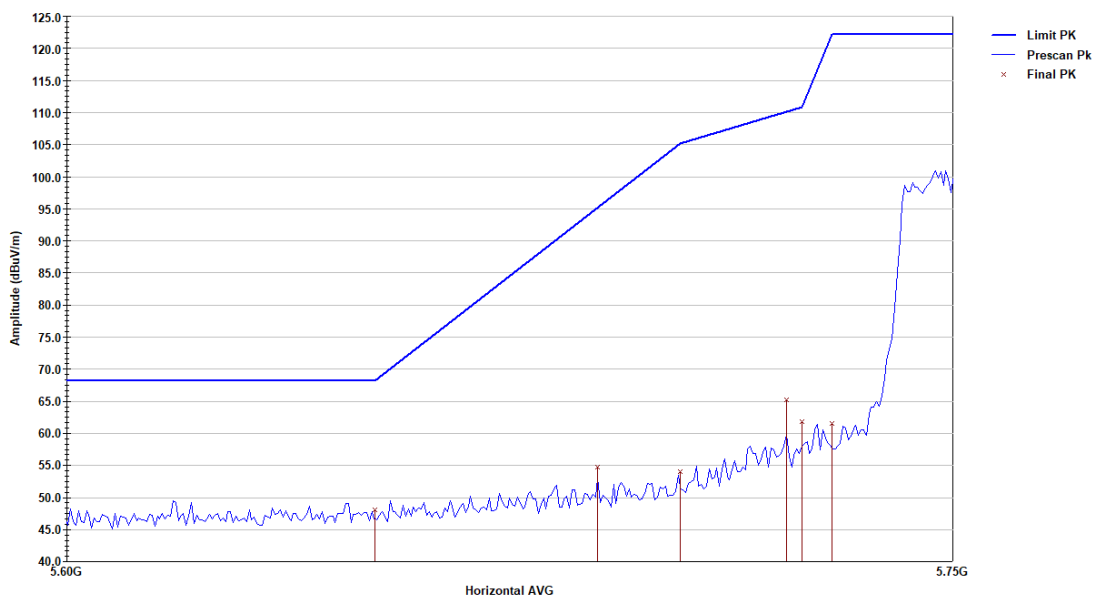
Model # - Alarm.Com / V730

Test Mode - Tx mode, Lower Band-Edge

Operator - AG

Standard - FCC Class B

Comments - 5755MHz, 802.11n HT40, pwr 64, mcs0



5755 mcs0 64 RE Lower Band-Edge_3117 2042.ttl

Last Data Update 08:15:36 AM, Thursday, August 29, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5650	48.13	8.92	-20.07	68.2	400	305
5686.475	54.79	9.08	-40.41	95.19	150	207
5700	53.99	9.12	-51.21	105.2	287	226
5717.5	65.27	9.15	-44.83	110.1	201	252
5720	61.79	9.15	-49.01	110.8	348	249
5725	61.55	9.15	-60.65	122.2	150	219

No Average limit is defined for the upper band edge.

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Radiated Emissions

Vertical AVG

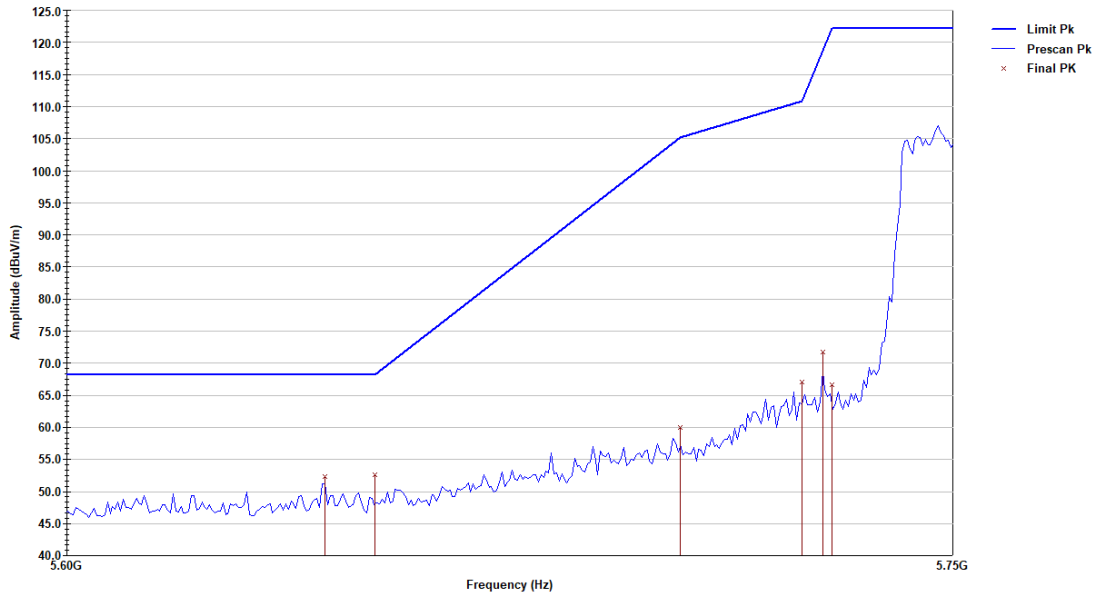
Model # - Alarm.Com / V730

Test Mode - Tx mode, Lower Band-Edge

Operator - AG

Standard - FCC Class B

Comments - 5755MHz, 802.11n HT40, pwr 64, mcs0



5755 mcs0 64 RE Lower Band-Edge_3117 2042.til

Last Data Update 08:03:36 AM, Thursday, August 29, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5641.85	52.27	8.82	-15.93	68.2	150	182
5650	52.58	8.92	-15.62	68.2	150	138
5700	59.93	9.12	-45.27	105.2	155	186
5720	67.01	9.15	-43.79	110.8	150	248
5723.45	71.68	9.15	-46.99	118.67	159	180
5725	66.62	9.15	-55.58	122.2	234	124

No Average limit is defined for the upper band edge.

High Channel – 5795MHz - both chains transmitting Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Client/Model - Alarm.Com / V730

Radiated Emissions

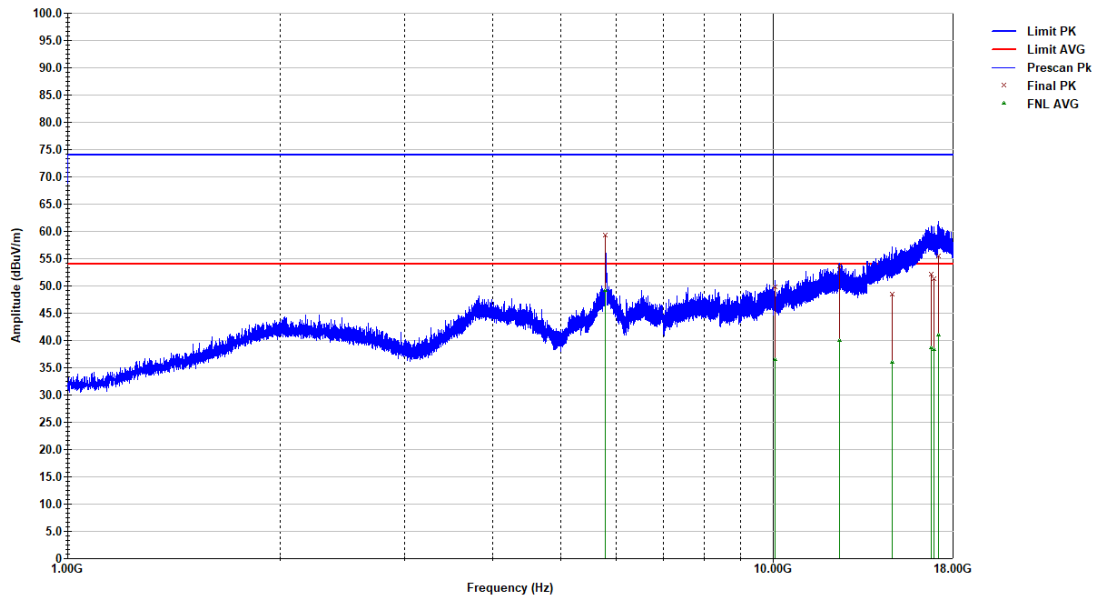
Test Mode - TX, UNII3, 6 GHz HPF

Horizontal AVG

Operator - AG

Standard - FCC 15.407

Comments - 5795 MHz, 802.11n HT40, mcs0, pwr 64



5795 0 64 RECISPR SW1A NC 3117 w lambda lna AVG 1G-18G 06Feb2024.ttl

Last Data Update 05:58:52 PM, Wednesday, August 07, 2024

Peak Data

Freq. (MHz)	Final PK (dBuV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Ant. Height (cm)	Azimuth (deg.)
5791.025	59.34	9.23	-14.66	74	317	237
10074.6	49.87	19.69	-24.13	74	309	-20
12443.97	53.69	25.97	-20.31	74	371	134
14741.53	48.46	27.88	-25.54	74	324	95
16779.83	52.11	33.55	-21.89	74	163	326
16939.2	51.38	33.32	-22.62	74	262	156
17174.65	55.41	32.8	-18.59	74	349	348

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5791.025	49.22	0	9.23	-4.78	54	317	237
10074.6	36.53	0	19.69	-17.47	54	309	-20
12443.97	39.95	0	25.97	-14.05	54	371	134
14741.53	35.96	0	27.88	-18.04	54	324	95
16779.83	38.65	0	33.55	-15.35	54	163	326
16939.2	38.31	0	33.32	-15.69	54	262	156
17174.65	40.96	0	32.8	-13.04	54	349	348

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Client/Model - Alarm.Com / V730

Radiated Emissions

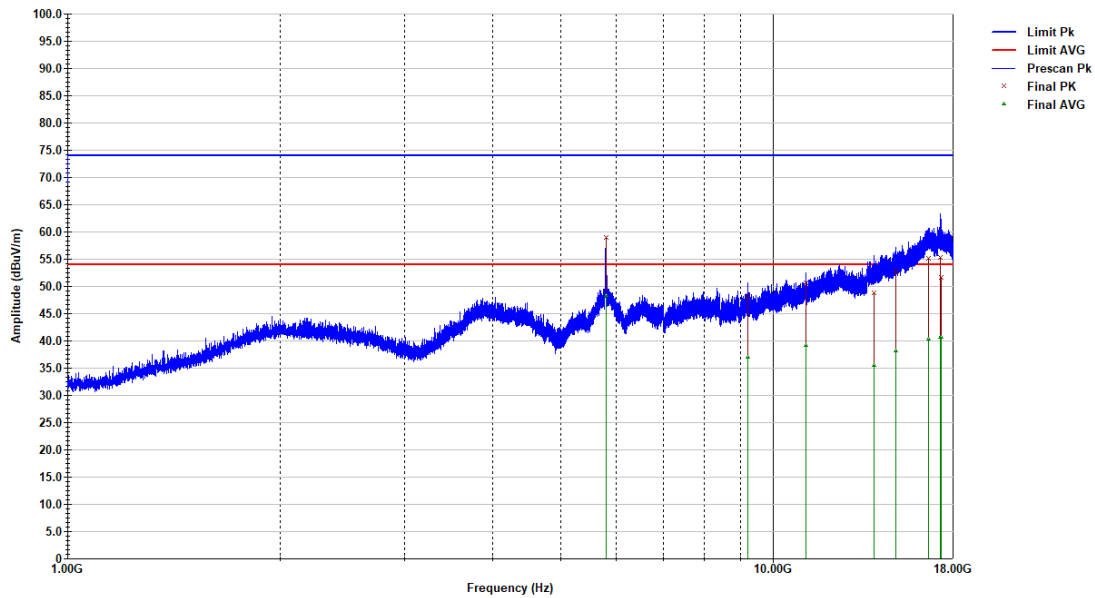
Test Mode - TX, UNII3, 6 GHz HPF

Operator - AG

Vertical AVG

Standard - FCC 15.407

Comments - 5795 MHz, 802.11n HT40, mcs0, pwr 64



5795 0 64 RECISPR SW1A NC 3117 w lambda lna AVG 1G-18G 06Feb2024.ttl

Last Data Update 05:41:28 PM, Wednesday, August 07, 2024

Peak Data

Freq. (MHz)	Final PK (dBuV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Ant. Height (cm)	Azimuth (deg.)
5793.15	59.08	9.24	-14.92	74	214	112
9206.75	48.19	17.54	-25.81	74	171	211
11137.52	50.72	22.66	-23.28	74	171	146
13907.68	48.76	26.51	-25.24	74	163	210
14935.75	52.9	28.31	-21.1	74	364	13
16603.45	55.13	33.55	-18.87	74	317	181
17293.65	55.31	32.53	-18.69	74	400	61
17326.8	51.73	32.45	-22.27	74	372	184

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5793.15	48.27	0	9.24	-5.73	54	214	112
9206.75	36.94	0	17.54	-17.06	54	171	211
11137.52	39.08	0	22.66	-14.92	54	171	146
13907.68	35.49	0	26.51	-18.51	54	163	210
14935.75	38.18	0	28.31	-15.82	54	364	13
16603.45	40.31	0	33.55	-13.69	54	317	181
17293.65	40.63	0	32.53	-13.37	54	400	61
17326.8	40.68	0	32.45	-13.32	54	372	184

Upper band edge Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Model # - Alarm.Com / V730

Radiated Emissions

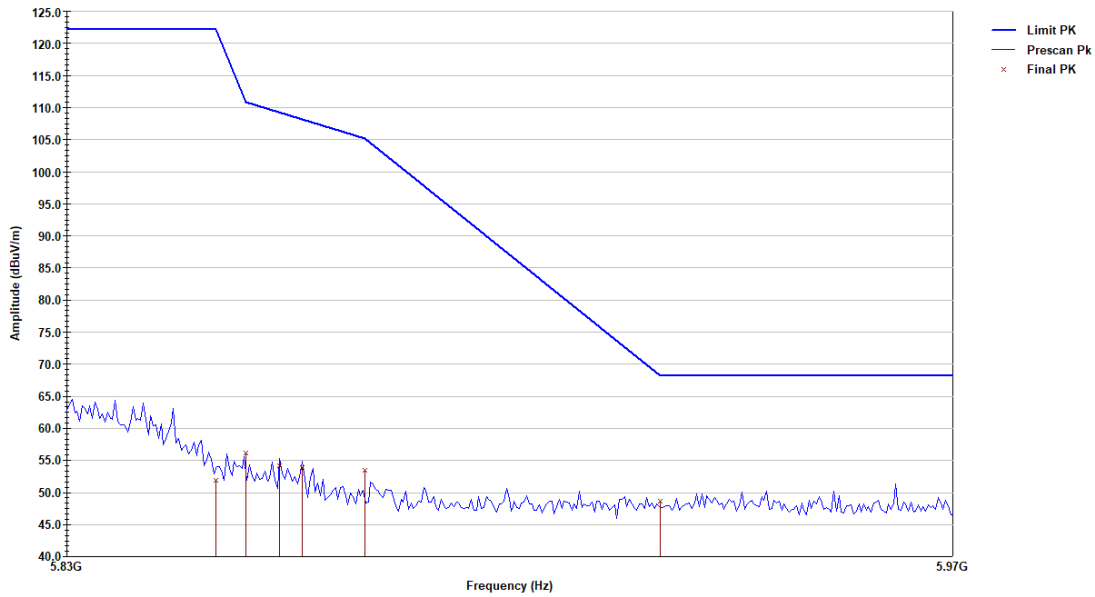
Test Mode - Tx mode, Upper Band-Edge

Horizontal AVG

Operator - AG

Standard - FCC Class B

Comments - 5795MHz, 802.11n HT40, pwr 64, mcs0



5795 mcs0 64 RE Upper Band-Edge_3117 2042.ttl

Last Data Update 09:35:51 AM, Thursday, August 29, 2024

Peak Data

Freq. (MHz)	Final PK (dBuV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Ant. Height (cm)	Azimuth (deg.)
5850	51.83	9.56	-70.37	122.2	150	144
5855	56.18	9.59	-54.62	110.8	150	128
5860.725	54.22	9.63	-54.98	109.2	364	229
5864.55	53.93	9.66	-54.2	108.13	150	137
5875	53.51	9.73	-51.69	105.2	217	123
5925	48.61	9.97	-19.59	68.2	217	76

No Average limit is defined for the upper band edge.

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Radiated Emissions

Vertical AVG

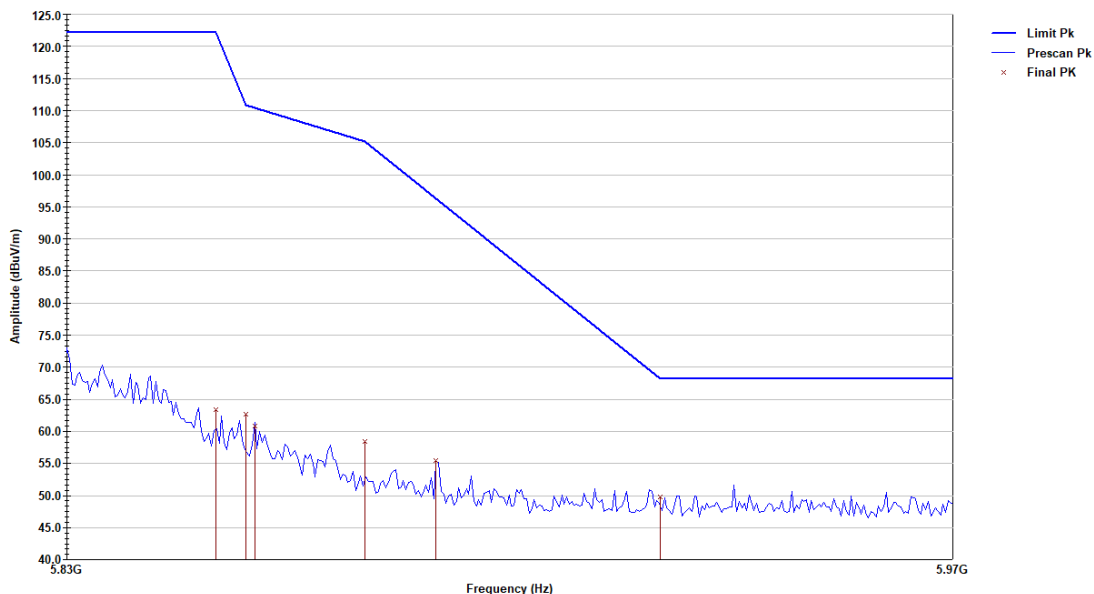
Model # - Alarm.Com / V730

Test Mode - Tx mode, Upper Band-Edge

Operator - AG

Standard - FCC Class B

Comments - 5795MHz, 802.11n HT40, pwr 64, mcs0



5795 mcs0 64 RE Upper Band-Edge_3117 2042.til

Last Data Update 09:08:29 AM, Thursday, August 29, 2024

Peak Data

Freq. (MHz)	Final PK (dBuV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Ant. Height (cm)	Azimuth (deg.)
5850	63.38	9.56	-58.82	122.2	194	164
5855	62.63	9.59	-48.17	110.8	150	147
5856.475	60.78	9.6	-49.6	110.39	163	166
5875	58.48	9.73	-46.72	105.2	241	166
5887.075	55.42	9.8	-40.84	96.26	218	131
5925	49.8	9.97	-18.4	68.2	194	254

No Average limit is defined for the upper band edge.

UNII3: 802.11ac20

30 to 1000 MHz Low Channel – 5745MHz - both chains transmitting Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Radiated Emissions

Horizontal QP

Customer / Model # - Alarm.Com / V730

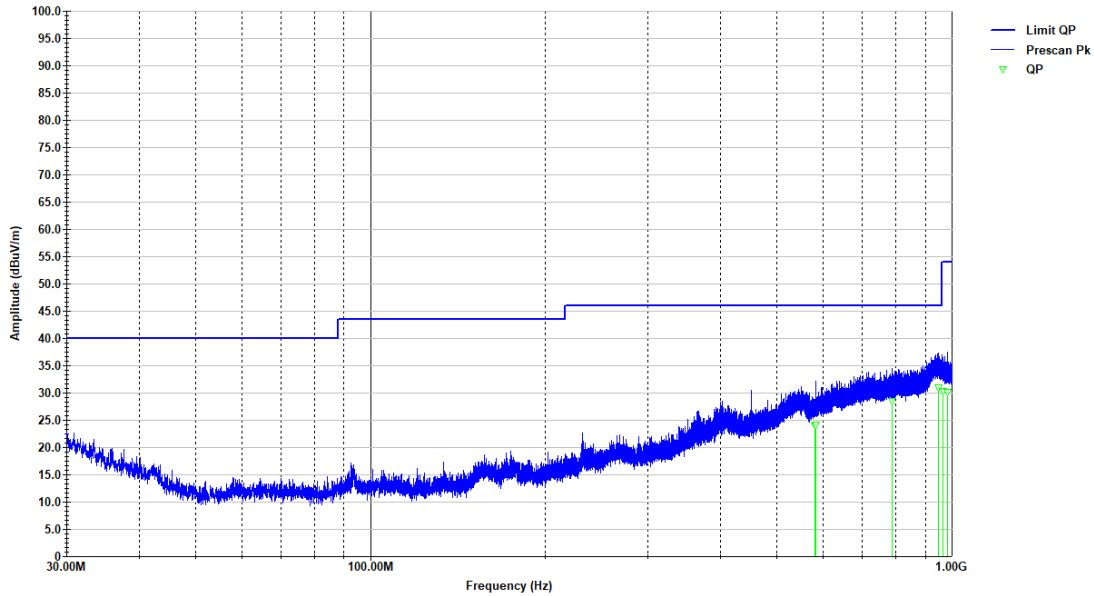
Serial # - N/A

Test Mode - TX

Operator - AC

Standard - FCC 15.407

Comments - 5745MHz, 802.11ac VHT20, mcs2, pwr 66



5745 mcs2 66 FCC 15.407 RE 30M-1GHz.ttl

Last Data Update 11:56:34 AM, Monday, August 12, 2024

Quasi-Peak Data

Freq. (MHz)	Final QP (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
581.186	23.98	-15.07	-22.04	46.02	351	25
583.375	24.09	-14.96	-21.93	46.02	294	101
787.893	28.56	-11.7	-17.46	46.02	264	85
947.134	31.07	-8.33	-14.95	46.02	350	345
966.268	30.28	-9.04	-23.7	53.98	169	138
981.162	30.14	-9.28	-23.84	53.98	255	48

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Radiated Emissions

Vertical QP

Customer / Model # - Alarm.Com / V730

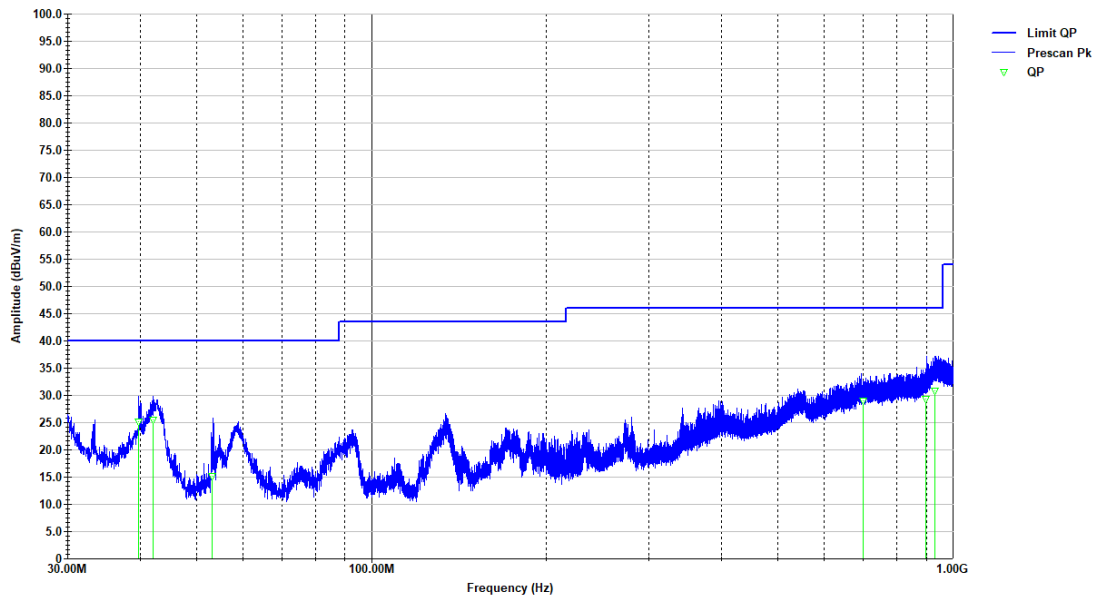
Serial # - N/A

Test Mode - TX

Operator - AC

Standard - FCC 15.407

Comments - 5745MHz, 802.11ac VHT20, mcs2, pwr 66



5745 mcs2 66 FCC 15.407 RE 30M-1GHz.ttl

Last Data Update 11:27:11 AM, Monday, August 12, 2024

Quasi-Peak Data

Freq. (MHz)	Final QP (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
39.741500	29.58	-26.86	-30.42	60	106	48
42.094375	29.75	-28.1	-30.25	60	100	60
53.134243	17.77	-30.67	-42.23	60	154	40
699.772228	29.07	-11.77	-36.95	66.02	145	75
899.040682	33.46	-10.34	-32.56	66.02	336	182
931.336386	29.53	-8.46	-36.49	66.02	114	61

1 to 18 GHz Low Channel – 5745MHz - both chains transmitting Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Client/Model - Alarm.Com / V730

Radiated Emissions

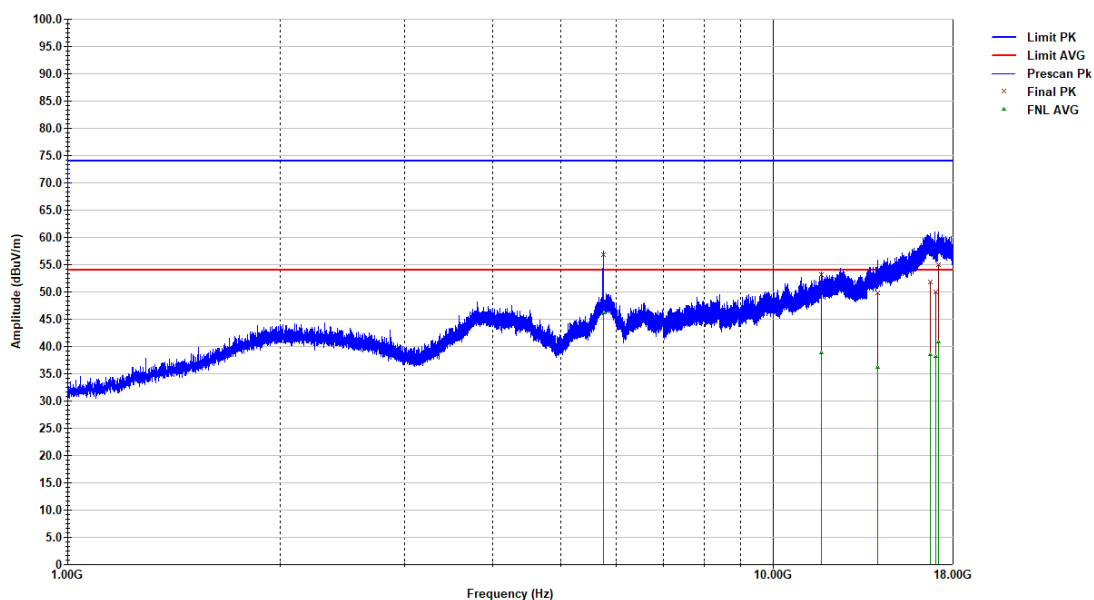
Test Mode - TX, UNII3, 6 GHz HPF

Horizontal AVG

Operator - AG

Standard - FCC 15.407

Comments - 5745 MHz, 802.11ac VHT20, mcs2, pwr 66



5745 2 66 RECISPR SW1A NC 3117 w lambda lna AVG 1G-18G 06Feb2024.ttl

Last Data Update 09:24:46 AM, Thursday, August 08, 2024

Peak Data

Freq. (MHz)	Final PK (dBuV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Ant. Height (cm)	Azimuth (deg.)
5746.427	56.86	9.15	-17.14	74	331	101
11709.696	53.14	24.61	-20.86	74	262	267
14085.377	49.82	26.66	-24.18	74	340	362
16711.915	51.86	33.6	-22.14	74	178	355
16995.176	49.97	33.14	-24.03	74	347	330
17172.482	54.97	32.8	-19.03	74	239	71

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5746.427	46.17	0	9.15	-7.83	54	331	101
11709.696	38.88	0	24.61	-15.12	54	262	267
14085.377	36.09	0	26.66	-17.91	54	340	362
16711.915	38.54	0	33.6	-15.46	54	178	355
16995.176	38.24	0	33.14	-15.76	54	347	330
17172.482	40.81	0	32.8	-13.19	54	239	71

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Radiated Emissions

Vertical AVG

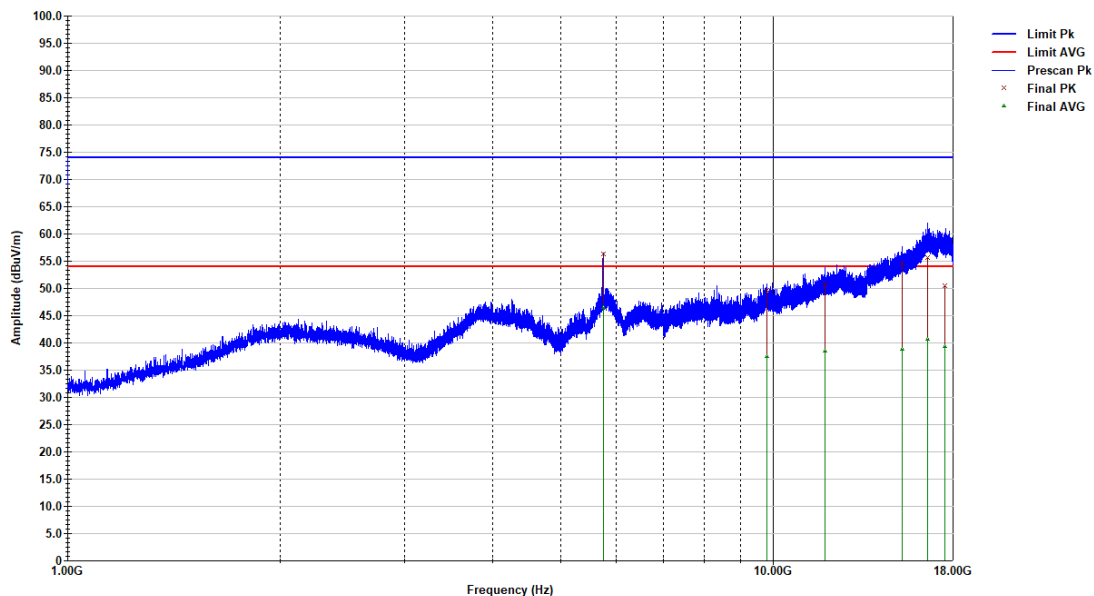
Client/Model - Alarm.Com / V730

Test Mode - TX, UNII3, 6 GHz HPF

Operator - AG

Standard - FCC 15.407

Comments - 5745 MHz, 802.11ac VHT20, mcs2, pwr 66



5745 2 66 RECISPR SW1A NC 3117 w lambda lna AVG 1G-18G 06Feb2024.ttl

Last Data Update 09:07:52 AM, Thursday, August 08, 2024

Peak Data

Freq. (MHz)	Final PK (dBuV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Ant. Height (cm)	Azimuth (deg.)
5743.852	56.4	9.15	-17.6	74	255	119
9806.42	49.66	19.15	-24.34	74	272	217
11862.1	50.87	25.04	-23.13	74	287	95
15233.932	54.59	28.96	-19.41	74	348	158
16559.82	55.63	33.36	-18.37	74	233	288
17550.051	50.54	32.09	-23.46	74	379	172

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5743.852	46.56	0	9.15	-7.44	54	255	119
9806.42	37.43	0	19.15	-16.57	54	272	217
11862.1	38.53	0	25.04	-15.47	54	287	95
15233.932	38.86	0	28.96	-15.14	54	348	158
16559.82	40.73	0	33.36	-13.27	54	233	288
17550.051	39.31	0	32.09	-14.69	54	379	172

Lower band edge Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Model # - Alarm.Com / V730

Test Mode - Tx mode, Lower Band-Edge

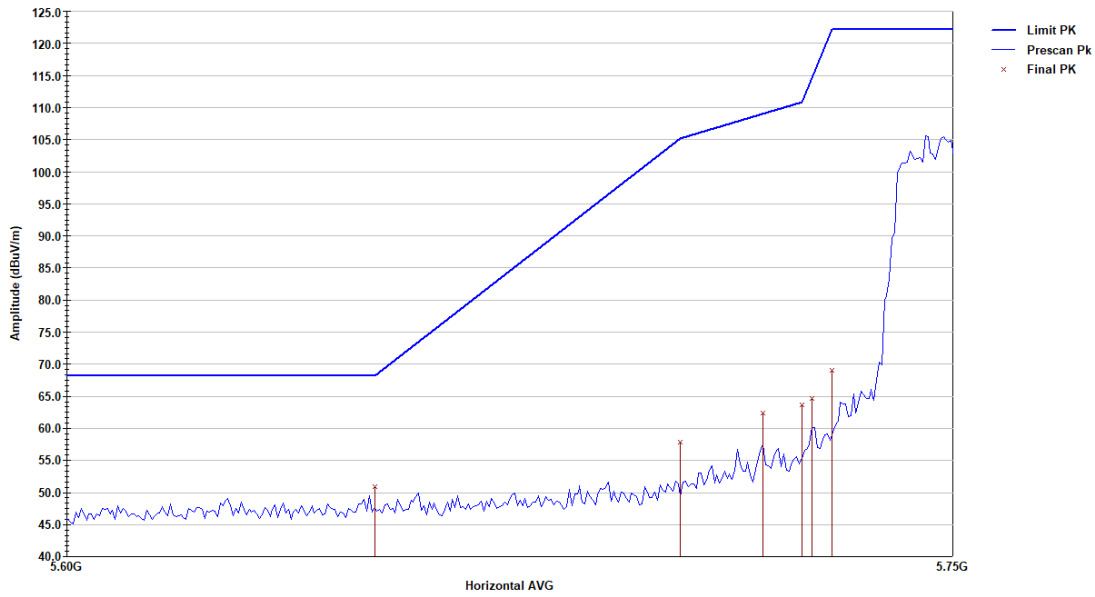
Radiated Emissions

Operator - AG

Horizontal AVG

Standard - FCC Class B

Comments - 5745MHz, 802.11ac VHT20, pwr 66, mcs2



5745 mcs2 66 RE Lower Band-Edge_3117 2042.ttl

Last Data Update 01:14:24 PM, Thursday, August 29, 2024

Peak Data

Freq. (MHz)	Final PK (dBuV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Ant. Height (cm)	Azimuth (deg.)
5650	50.86	8.92	-17.34	68.2	171	242
5700	57.87	9.12	-47.33	105.2	150	249
5713.675	62.4	9.15	-46.63	109.03	155	249
5720	63.63	9.15	-47.17	110.8	150	249
5721.75	64.57	9.15	-50.22	114.79	150	220
5725	68.97	9.15	-53.23	122.2	150	249

No Average limit is defined for the upper band edge.

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Radiated Emissions

Vertical AVG

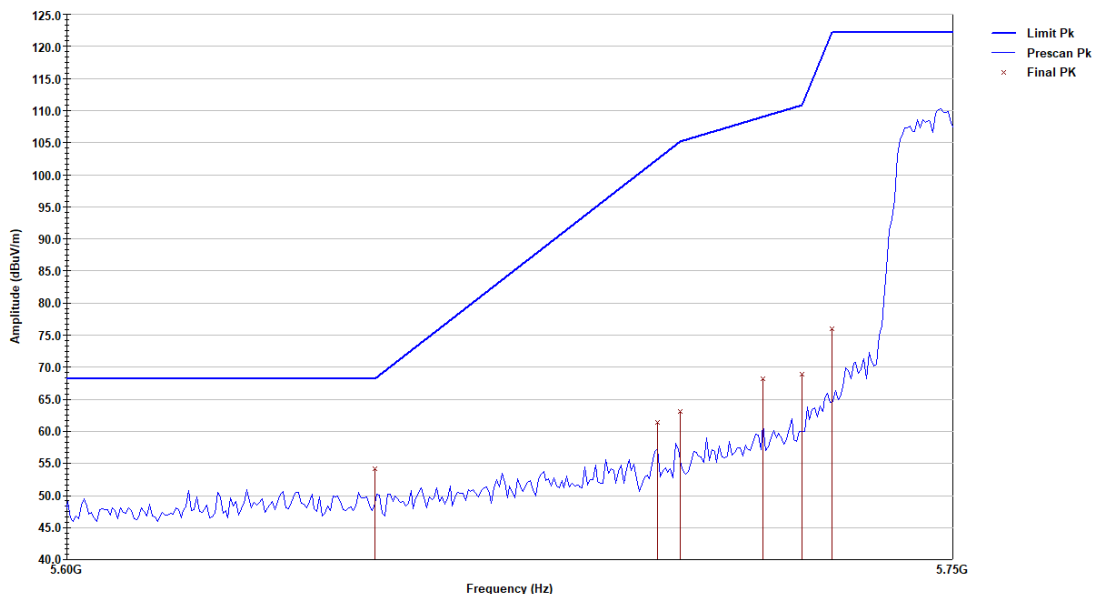
Model # - Alarm.Com / V730

Test Mode - Tx mode, Lower Band-Edge

Operator - AG

Standard - FCC Class B

Comments - 5745MHz, 802.11ac VHT20, pwr 66, mcs2



5745 mcs2 66 RE Lower Band-Edge_3117 2042.til

Last Data Update 12:59:58 PM, Thursday, August 29, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5650	54.18	8.92	-14.02	68.2	155	159
5696.25	61.34	9.11	-41.08	102.43	150	167
5700	63.02	9.12	-42.18	105.2	171	129
5713.675	68.25	9.15	-40.78	109.03	150	165
5720	68.95	9.15	-41.85	110.8	210	166
5725	76.04	9.15	-46.16	122.2	171	153

No Average limit is defined for the upper band edge.

Mid Channel – 5785MHz - both chains transmitting Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Radiated Emissions

Horizontal AVG

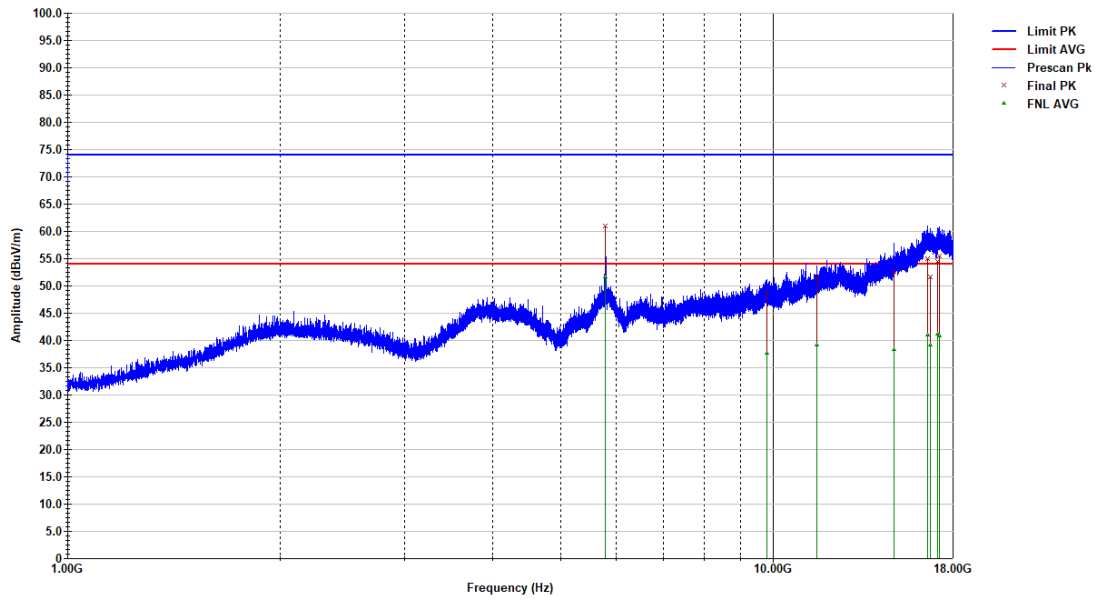
Client/Model - Alarm.Com / V730

Test Mode - TX, UNII3, 6 GHz HPF

Operator - AG

Standard - FCC Class B

Comments - 5785 MHz, 802.11ac HT20, mcs2, pwr 66



5785 2 66 RECISPR SW1A NC 3117 w lambda lna AVG 1G-18G 06Feb2024.ttl

Last Data Update 07:30:18 AM, Thursday, August 08, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5786.35	60.95	9.22	-13.05	74	354	114
9801.325	48.87	19.16	-25.13	74	193	-17
11552.32	51.64	24.25	-22.36	74	285	23
14856.7	52.58	28.13	-21.42	74	339	-17
16549.48	55.06	33.32	-18.94	74	323	74
16710.98	51.59	33.6	-22.41	74	400	146
17110.05	54.48	32.77	-19.52	74	400	42
17215.45	55.56	32.76	-18.44	74	340	279

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5786.35	51.7	0	9.22	-2.3	54	354	114
9801.325	37.6	0	19.16	-16.4	54	193	-17
11552.32	39.19	0	24.25	-14.81	54	285	23
14856.7	38.37	0	28.13	-15.63	54	339	-17
16549.48	41.02	0	33.32	-12.98	54	323	74
16710.98	39.12	0	33.6	-14.88	54	400	146
17110.05	41.1	0	32.77	-12.9	54	400	42
17215.45	40.85	0	32.76	-13.15	54	340	279

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Radiated Emissions

Vertical AVG

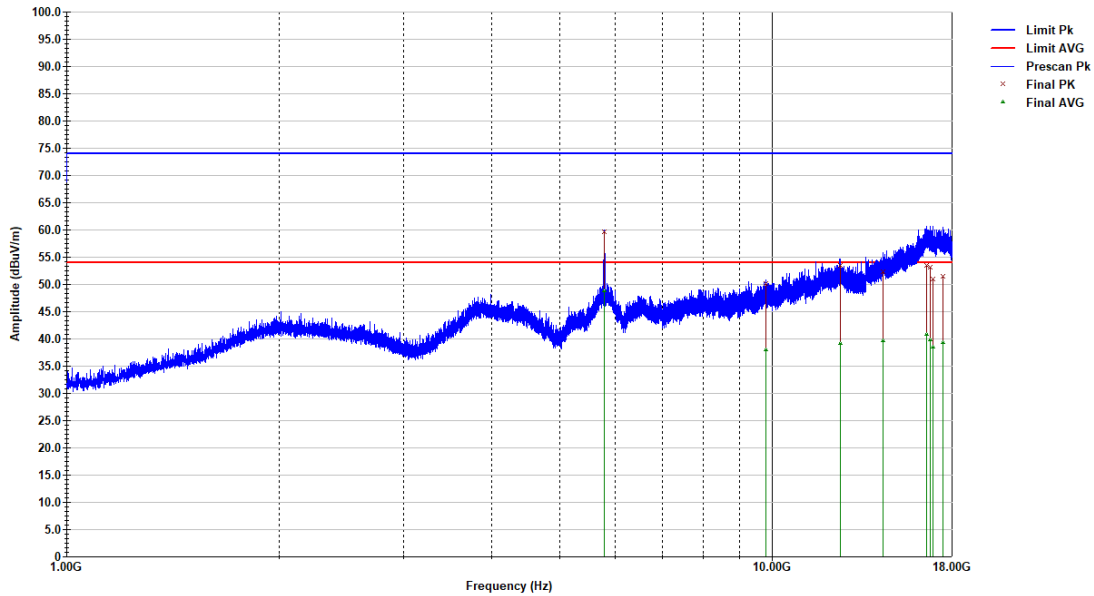
Client/Model - Alarm.Com / V730

Test Mode - TX, UNII3, 6 GHz HPF

Operator - AG

Standard - FCC Class B

Comments - 5785 MHz, 802.11ac HT20, mcs2, pwr 66



5785 2 66 RECISPR SW1A NC 3117 w lambda lna AVG 1G-18G 06Feb2024.ttl

Last Data Update 07:08:44 AM, Thursday, August 08, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5779.125	59.58	9.19	-14.42	74	194	114
9791.126	50.1	19.17	-23.9	74	150	298
12500.93	53.5	26.02	-20.5	74	324	347
14371.78	52.32	27.13	-21.68	74	150	48
16587.72	53.51	33.48	-20.49	74	163	107
16744.55	53.2	33.58	-20.8	74	394	63
16908.8	51.06	33.42	-22.94	74	317	31
17486.17	51.41	32.13	-22.59	74	150	205

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5779.125	48.88	0	9.19	-5.12	54	194	114
9791.126	38	0	19.17	-16	54	150	298
12500.93	39.17	0	26.02	-14.83	54	324	347
14371.78	39.6	0	27.13	-14.4	54	150	48
16587.72	40.9	0	33.48	-13.1	54	163	107
16744.55	39.81	0	33.58	-14.19	54	394	63
16908.8	38.49	0	33.42	-15.51	54	317	31
17486.17	39.35	0	32.13	-14.65	54	150	205

High Channel – 5825MHz - both chains transmitting Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Client/Model - Alarm.Com / V730

Radiated Emissions

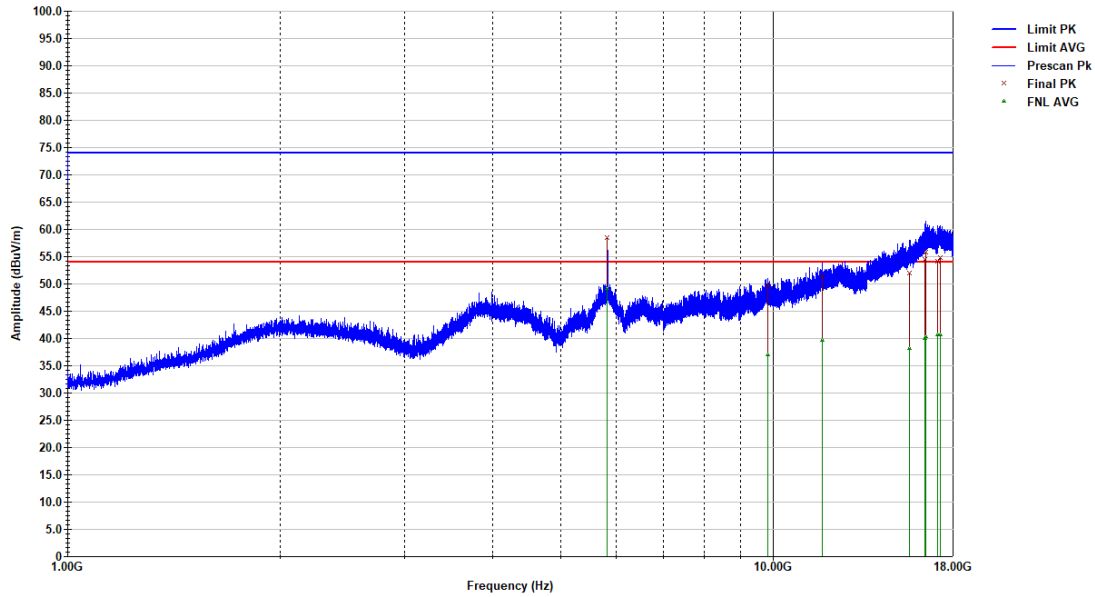
Test Mode - TX, UNII3, 6 GHz HPF

Horizontal AVG

Operator - AG

Standard - FCC 15.407

Comments - 5825 MHz, 802.11ac HT20, mcs1, pwr 66



5825 1 66 RECISPR SW1A NC 3117 w lambda lna AVG 1G-18G 06Feb2024.ttl

Last Data Update 08:38:09 AM, Thursday, August 08, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5825.875	58.53	9.38	-15.47	74	316	112
9824.7	49.88	19.12	-24.12	74	247	246
11758.87	51.5	24.79	-22.5	74	150	-2
15609.37	51.98	29.92	-22.02	74	163	1
16421.13	54.49	32.74	-19.51	74	255	356
16446.62	55.83	32.86	-18.17	74	385	380
17131.3	54.12	32.78	-19.88	74	263	-20
17277.5	54.74	32.58	-19.26	74	150	275

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5825.875	49.13	0	9.38	-4.87	54	316	112
9824.7	36.99	0	19.12	-17.01	54	247	246
11758.87	39.6	0	24.79	-14.4	54	150	-2
15609.37	38.14	0	29.92	-15.86	54	163	1
16421.13	39.94	0	32.74	-14.06	54	255	356
16446.62	40.4	0	32.86	-13.6	54	385	380
17131.3	40.74	0	32.78	-13.26	54	263	-20
17277.5	40.75	0	32.58	-13.25	54	150	275

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Client/Model - Alarm.Com / V730

Radiated Emissions

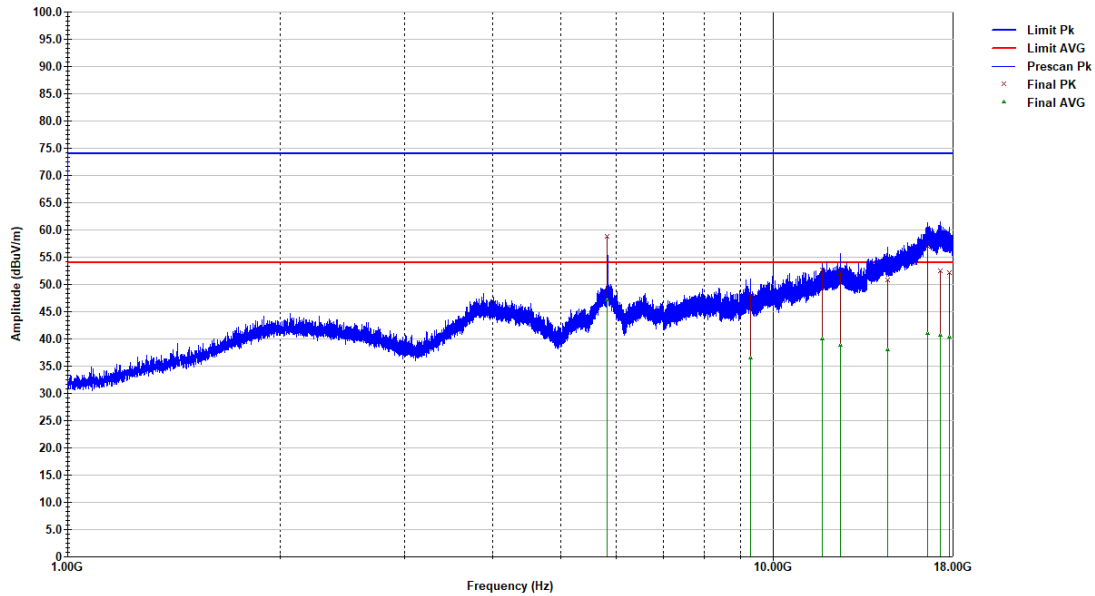
Test Mode - TX, UNII3, 6 GHz HPF

Operator - AG

Vertical AVG

Standard - FCC 15.407

Comments - 5825 MHz, 802.11ac HT20, mcs1, pwr 66



5825 1 66 RECISPR SW1A NC 3117 w lambda lna AVG 1G-18G 06Feb2024.ttl

Last Data Update 08:16:11 AM, Thursday, August 08, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5822.9	58.85	9.36	-15.15	74	217	114
9298.55	48.04	18.04	-25.96	74	163	323
11732.53	52.67	24.69	-21.33	74	400	92
12475	52.19	26	-21.81	74	319	146
14553.67	50.82	27.51	-23.18	74	244	20
16575.4	57.06	33.43	-16.94	74	379	345
17291.52	52.47	32.54	-21.53	74	400	116
17782.4	52.12	31.85	-21.88	74	218	24

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5822.9	47.11	0	9.36	-6.89	54	217	114
9298.55	36.53	0	18.04	-17.47	54	163	323
11732.53	39.93	0	24.69	-14.07	54	400	92
12475	38.85	0	26	-15.15	54	319	146
14553.67	37.97	0	27.51	-16.03	54	244	20
16575.4	41.02	0	33.43	-12.98	54	379	345
17291.52	40.7	0	32.54	-13.3	54	400	116
17782.4	40.3	0	31.85	-13.7	54	218	24

Upper band edge Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Model # - Alarm.Com / V730

Radiated Emissions

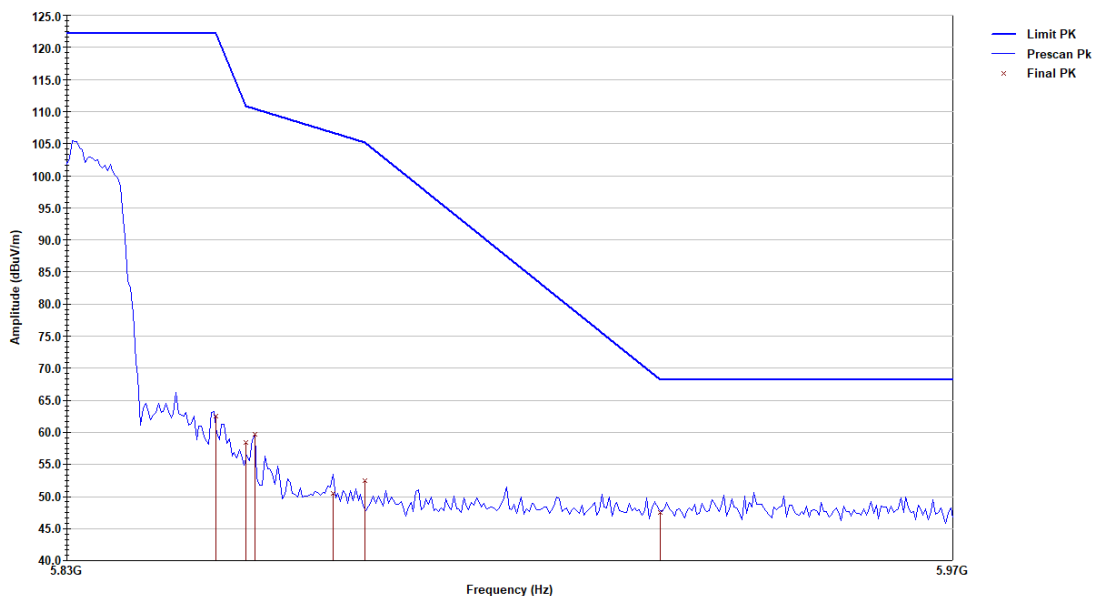
Test Mode - Tx mode, Upper Band-Edge

Horizontal AVG

Operator - AG

Standard - FCC Class B

Comments - 5825MHz, 802.11ac VHT20, pwr 66, mcs1



5825 mcs1 66 RE Upper Band-Edge_3117 2042.ttl

Last Data Update 01:53:00 PM, Thursday, August 29, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5850	62.59	9.56	-59.61	122.2	186	238
5855	58.46	9.59	-52.34	110.8	232	254
5856.475	59.63	9.6	-50.75	110.39	155	137
5869.65	50.45	9.69	-56.25	106.7	264	232
5875	52.44	9.73	-52.76	105.2	150	132
5925	47.45	9.97	-20.75	68.2	216	23

No Average limit is defined for the upper band edge.

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Model # - Alarm.Com / V730

Radiated Emissions

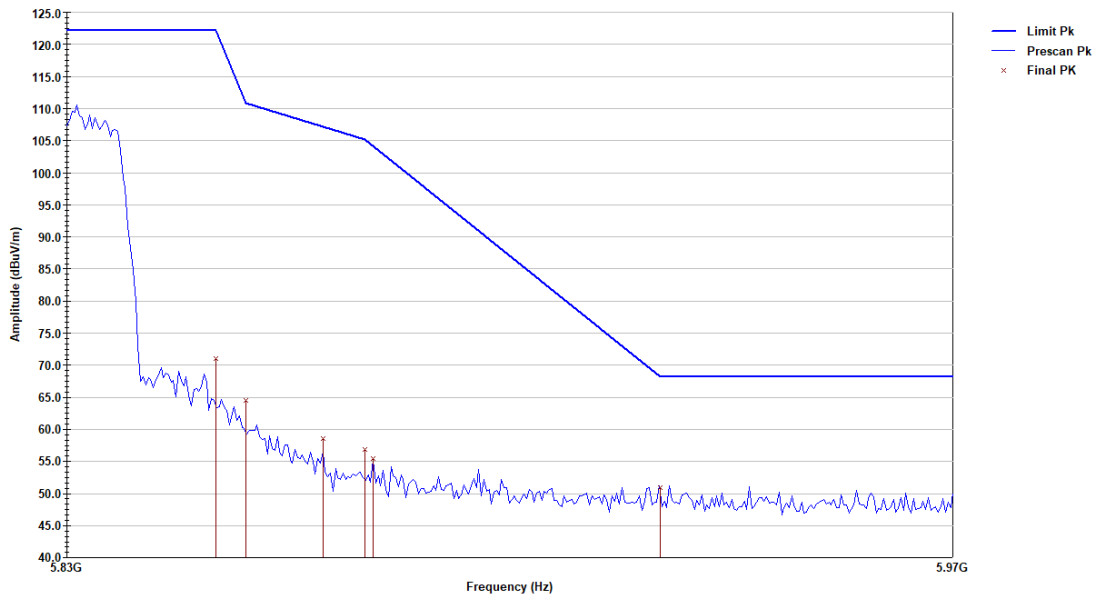
Test Mode - Tx mode, Upper Band-Edge

Vertical AVG

Operator - AG

Standard - FCC Class B

Comments - 5825MHz, 802.11ac VHT20, pwr 66, mcs1



5825 mcs1 66 RE Upper Band-Edge_3117 2042.til

Last Data Update 01:40:22 PM, Thursday, August 29, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5850	70.95	9.56	-51.25	122.2	150	158
5855	64.53	9.59	-46.27	110.8	304	125
5867.95	58.51	9.68	-48.67	107.17	156	148
5875	56.89	9.73	-48.31	105.2	171	149
5876.45	55.46	9.74	-48.67	104.13	288	165
5925	50.95	9.97	-17.25	68.2	372	178

No Average limit is defined for the upper band edge.

UNII3: 802.11ac40

30 to 1000 MHz Low Channel – 5755MHz - both chains transmitting Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Radiated Emissions

Horizontal QP

Customer / Model # - Alarm.Com / V730

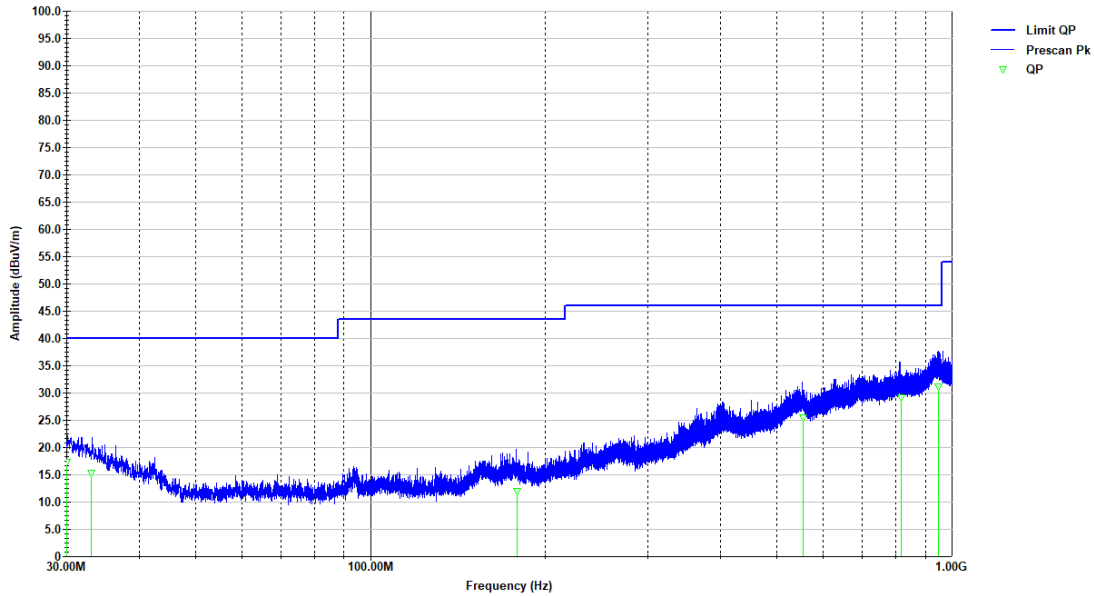
Serial # - N/A

Test Mode - TX

Operator - AC

Standard - FCC 15.407

Comments - 5755MHz, 802.11ac VHT40, mcs1, pwr 64



5755 mcs1 64 FCC 15.407 RE 30M-1GHz.ttl

Last Data Update 12:40:21 PM, Monday, August 12, 2024

Quasi-Peak Data

Freq. (MHz)	Final QP (dBuV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Ant. Height (cm)	Azimuth (deg.)
30.06	17.35	-21.48	-22.65	40	400	233
33.059	15.29	-23.01	-24.71	40	327	332
178.561	11.96	-27.23	-31.56	43.52	373	374
553.835	25.47	-13.63	-20.55	46.02	231	41
817.334	29.15	-11.1	-16.87	46.02	177	116
946.37	31.14	-8.32	-14.88	46.02	248	360

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Radiated Emissions

Vertical QP

Customer / Model # - Alarm.Com / V730

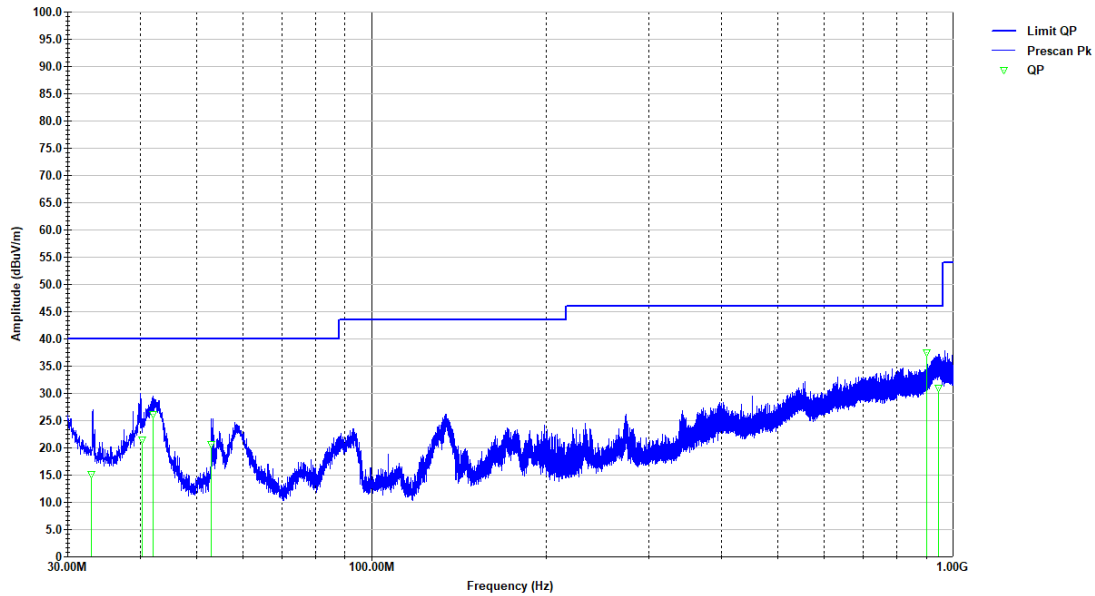
Serial # - N/A

Test Mode - TX

Operator - AC

Standard - FCC 15.407

Comments - 5755MHz, 802.11ac VHT40, mcs1, pwr 64



5755 mcs1 64 FCC 15.407 RE 30M-1GHz.ttl

Last Data Update 12:23:33 PM, Monday, August 12, 2024

Quasi-Peak Data

Freq. (MHz)	Final QP (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
32.993	15.17	-22.96	-24.83	40	233	-13
40.229	21.43	-27.11	-18.57	40	100	136
42.112	26.09	-28.11	-13.91	40	100	370
53	20.67	-30.67	-19.33	40	100	3
902.557	37.48	-10.19	-8.54	46.02	122	-2
944.73	31.04	-8.3	-14.98	46.02	292	336

1 to 18 GHz Low Channel – 5755MHz - both chains transmitting Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Radiated Emissions

Horizontal AVG

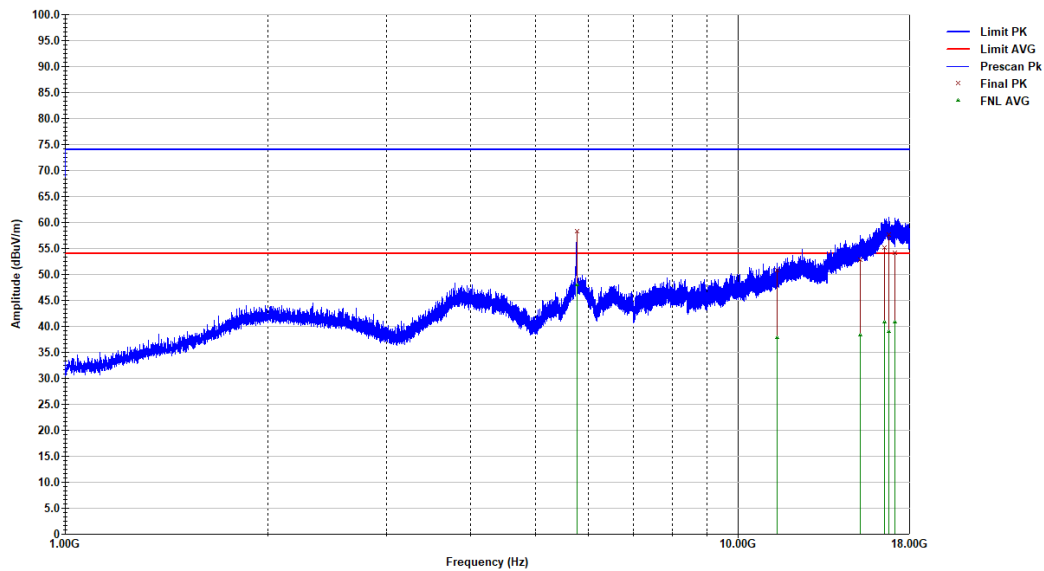
Client/Model - Alarm.Com / V730

Test Mode - TX, UNII3, 6 GHz HPF

Operator - AG

Standard - FCC 15.407

Comments - 5755 MHz, 802.11ac VHT40, mcs1, pwr 64



5755 1 64 RECISPR SW1A NC 3117 w lambda Ina AVG 1G-18G 06Feb2024.tif

Last Data Update 10:10:10 AM, Thursday, August 08, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5759.421	58.25	9.15	-15.75	74	385	123
11424.889	50.87	23.95	-23.13	74	262	201
15223.468	52.85	28.92	-21.15	74	194	-7
16519.843	55.13	33.19	-18.87	74	155	-20
16747.773	57.66	33.58	-16.34	74	254	93
17110.595	54.09	32.77	-19.91	74	170	319

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5759.421	47.96	0	9.15	-6.04	54	385	123
11424.889	37.79	0	23.95	-16.21	54	262	201
15223.468	38.4	0	28.92	-15.6	54	194	-7
16519.843	40.79	0	33.19	-13.21	54	155	-20
16747.773	39.07	0	33.58	-14.93	54	254	93
17110.595	40.82	0	32.77	-13.18	54	170	319

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Client/Model - Alarm.Com / V730

Radiated Emissions

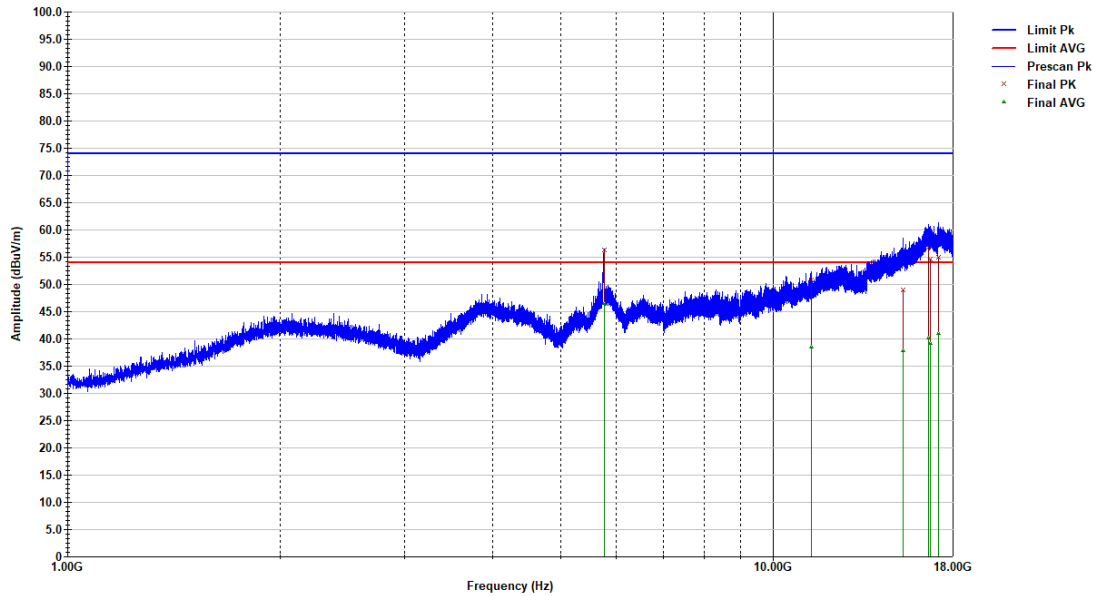
Test Mode - TX, UNII3, 6 GHz HPF

Operator - AG

Vertical AVG

Standard - FCC 15.407

Comments - 5755 MHz, 802.11ac VHT40, mcs1, pwr 64



5755 1 64 RECISPR SW1A NC 3117 w lambda lna AVG 1G-18G 06Feb2024.ttl

Last Data Update 09:55:07 AM, Thursday, August 08, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5762.868	56.24	9.15	-17.76	74	356	154
11330.985	50.9	23.56	-23.1	74	210	-17
15305.224	48.94	29.17	-25.06	74	171	211
16636.403	56.86	33.63	-17.14	74	281	262
16699.629	54.62	33.61	-19.38	74	318	240
17160.166	54.98	32.79	-19.02	74	150	27

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5762.868	46.54	0	9.15	-7.46	54	356	154
11330.985	38.54	0	23.56	-15.46	54	210	-17
15305.224	37.77	0	29.17	-16.23	54	171	211
16636.403	40.19	0	33.63	-13.81	54	281	262
16699.629	39.21	0	33.61	-14.79	54	318	240
17160.166	40.98	0	32.79	-13.02	54	150	27

Lower band edge Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Model # - Alarm.Com / V730

Radiated Emissions

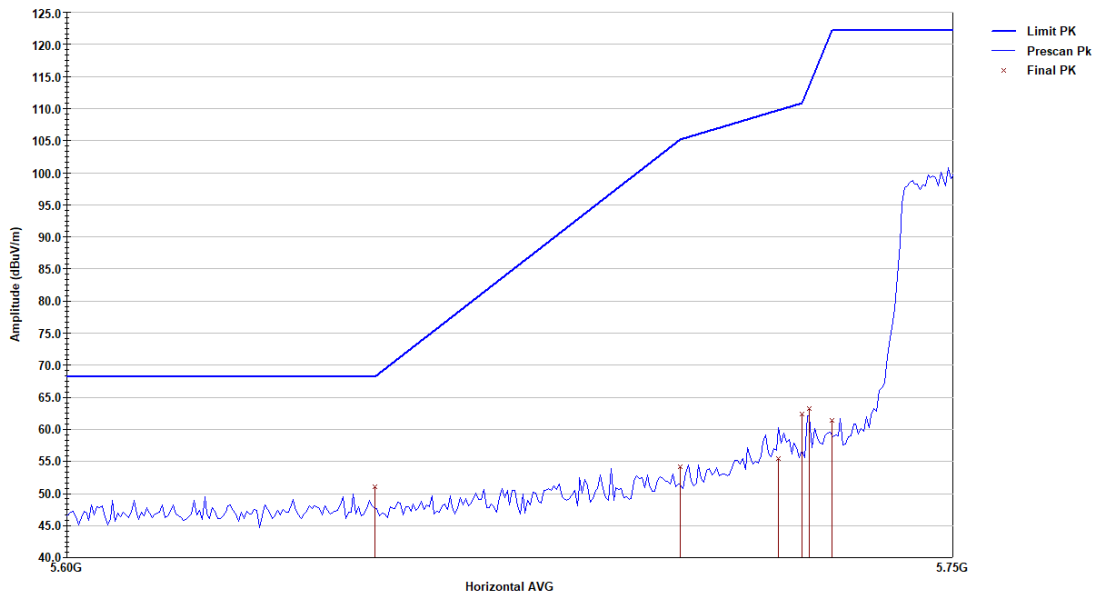
Test Mode - Tx mode, Lower Band-Edge

Horizontal AVG

Operator - AG

Standard - FCC Class B

Comments - 5755MHz, 802.11ac VHT40, pwr 64, mcs1



5755 mcs1 64 RE Lower Band-Edge_3117 2042.ttl

Last Data Update 02:34:43 PM, Thursday, August 29, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5650	51	8.92	-17.2	68.2	150	246
5700	54.15	9.12	-51.05	105.2	371	244
5716.225	55.48	9.15	-54.27	109.74	363	380
5720	62.37	9.15	-48.43	110.8	155	249
5721.325	63.26	9.15	-50.56	113.82	171	249
5725	61.32	9.15	-60.88	122.2	186	219

No Average limit is defined for the upper band edge.

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Radiated Emissions

Vertical AVG

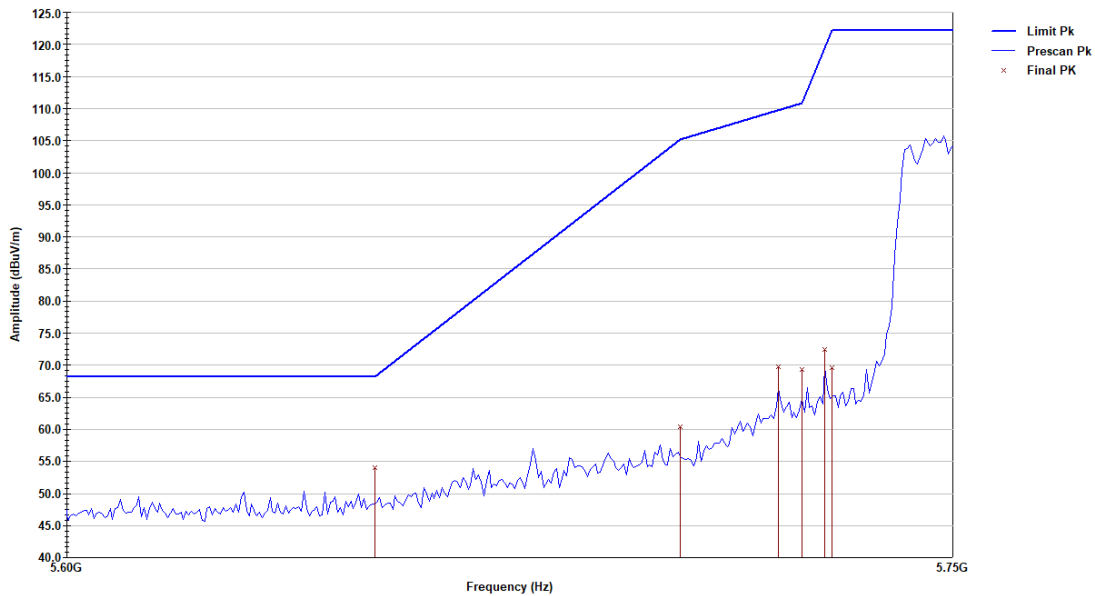
Model # - Alarm.Com / V730

Test Mode - Tx mode, Lower Band-Edge

Operator - AG

Standard - FCC Class B

Comments - 5755MHz, 802.11ac VHT40, pwr 64, mcs1



5755 mcs1 64 RE Lower Band-Edge_3117 2042.til

Last Data Update 02:20:12 PM, Thursday, August 29, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5650	54.01	8.92	-14.19	68.2	150	165
5700	60.34	9.12	-44.86	105.2	210	189
5716.225	69.71	9.15	-40.03	109.74	163	176
5720	69.33	9.15	-41.47	110.8	171	149
5723.875	72.41	9.15	-47.23	119.64	155	183
5725	69.58	9.15	-52.62	122.2	195	157

No Average limit is defined for the upper band edge.

High Channel – 5795MHz - both chains transmitting Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Client/Model - Alarm.Com / V730

Radiated Emissions

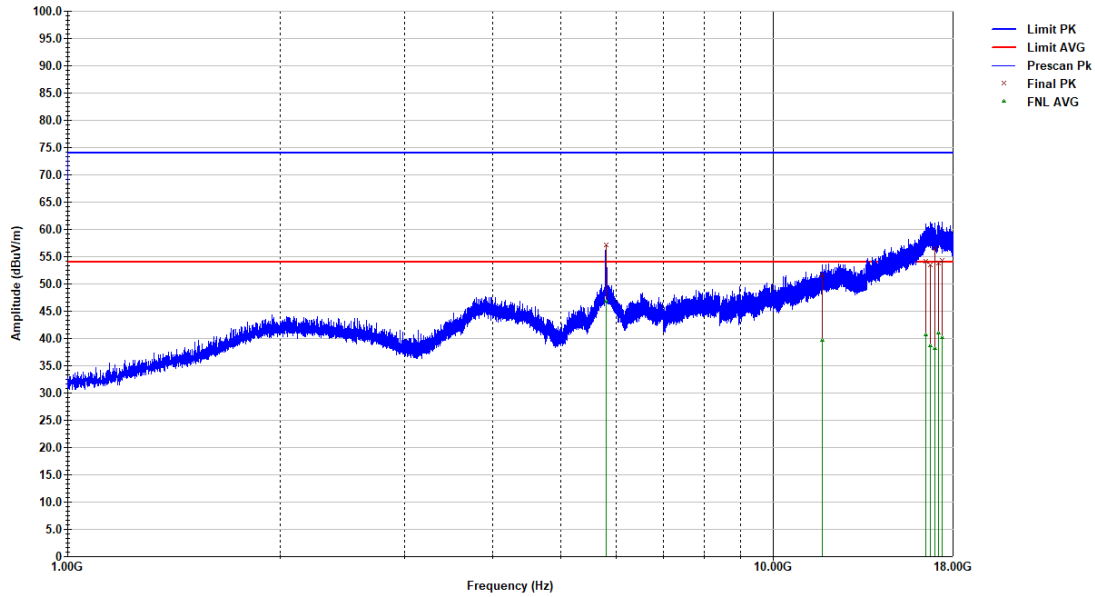
Test Mode - TX, UNII3, 6 GHz HPF

Horizontal AVG

Operator - AG

Standard - FCC 15.407

Comments - 5795 MHz, 802.11ac VHT40, mcs0, pwr 64



5795 0 64 RECISPR SW1A NC 3117 w lambda lna AVG 1G-18G 06Feb2024.ttl

Last Data Update 10:57:04 AM, Thursday, August 08, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5792.853	57.21	9.24	-16.79	74	217	229
11748.347	51.72	24.75	-22.28	74	150	-10
16474.53	54.22	32.99	-19.78	74	255	248
16711.144	53.52	33.6	-20.48	74	224	174
16947.675	56.4	33.29	-17.6	74	150	116
17173.529	53.73	32.8	-20.27	74	194	293
17387.009	54.24	32.29	-19.76	74	150	200

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5792.853	46.77	0	9.24	-7.23	54	217	229
11748.347	39.72	0	24.75	-14.28	54	150	-10
16474.53	40.64	0	32.99	-13.36	54	255	248
16711.144	38.63	0	33.6	-15.37	54	224	174
16947.675	38.11	0	33.29	-15.89	54	150	116
17173.529	40.93	0	32.8	-13.07	54	194	293
17387.009	40.15	0	32.29	-13.85	54	150	200

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Client/Model - Alarm.Com / V730

Radiated Emissions

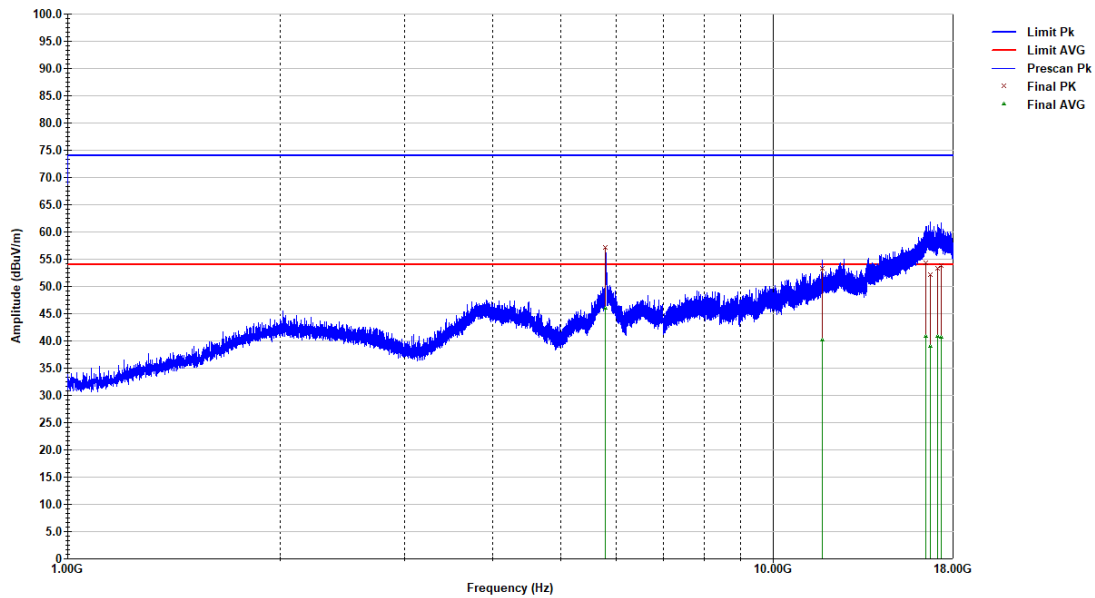
Test Mode - TX, UNII3, 6 GHz HPF

Vertical AVG

Operator - AG

Standard - FCC 15.407

Comments - 5795 MHz, 802.11ac VHT40, mcs0, pwr 64



5795 0 64 RECISPR SW1A NC 3117 w lambda lna AVG 1G-18G 06Feb2024.ttl

Last Data Update 10:39:31 AM, Thursday, August 08, 2024

Peak Data

Freq. (MHz)	Final PK (dBuV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Ant. Height (cm)	Azimuth (deg.)
5790.205	57.08	9.23	-16.92	74	255	235
11734.834	53.38	24.7	-20.62	74	325	202
16472.187	54.4	32.98	-19.6	74	256	264
16698.349	52.17	33.61	-21.83	74	248	-20
17111.391	53.28	32.77	-20.72	74	209	255
17336.234	53.8	32.42	-20.2	74	356	206

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5790.205	46.01	0	9.23	-7.99	54	255	235
11734.834	40.15	0	24.7	-13.85	54	325	202
16472.187	40.79	0	32.98	-13.21	54	256	264
16698.349	38.94	0	33.61	-15.06	54	248	-20
17111.391	40.76	0	32.77	-13.24	54	209	255
17336.234	40.63	0	32.42	-13.37	54	356	206

Upper band edge Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Model # - Alarm.Com / V730

Radiated Emissions

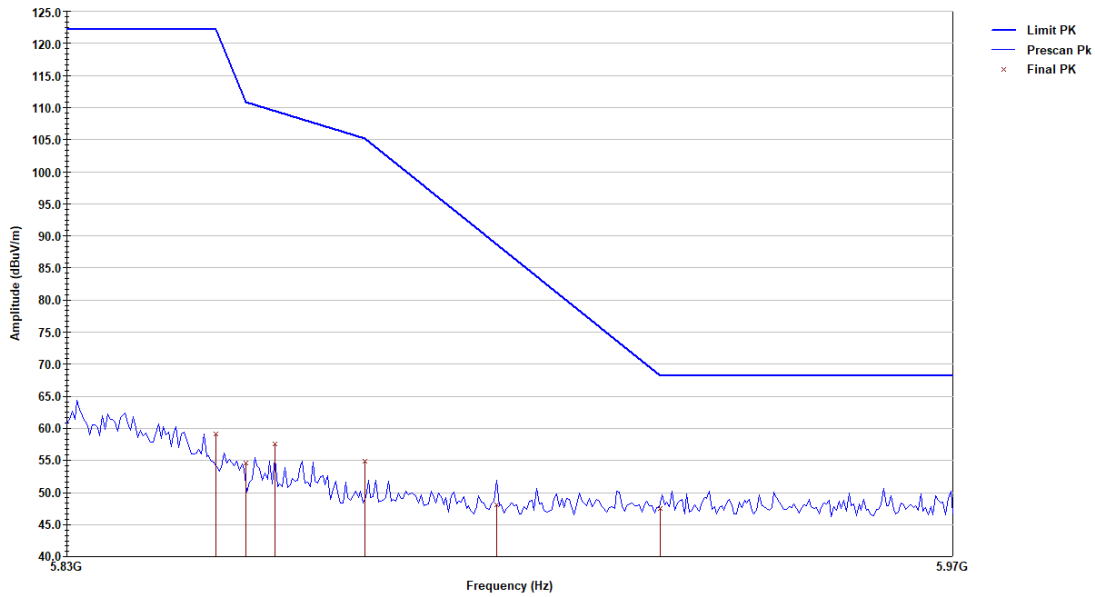
Test Mode - Tx mode, Upper Band-Edge

Horizontal AVG

Operator - AG

Standard - FCC Class B

Comments - 5795MHz, 802.11ac VHT40, pwr 64, mcs0



5795 mcs0 64 RE Upper Band-Edge_3117 2042.til

Last Data Update 03:10:08 PM, Thursday, August 29, 2024

Peak Data

Freq. (MHz)	Final PK (dBuV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Ant. Height (cm)	Azimuth (deg.)
5850	59.09	9.56	-63.11	122.2	150	128
5855	54.57	9.59	-56.23	110.8	186	204
5859.875	57.55	9.63	-51.88	109.44	163	133
5875	54.85	9.73	-50.35	105.2	324	-20
5897.275	48.04	9.85	-40.68	88.72	325	204
5925	47.45	9.97	-20.75	68.2	378	290

No Average limit is defined for the upper band edge.

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Radiated Emissions

Vertical AVG

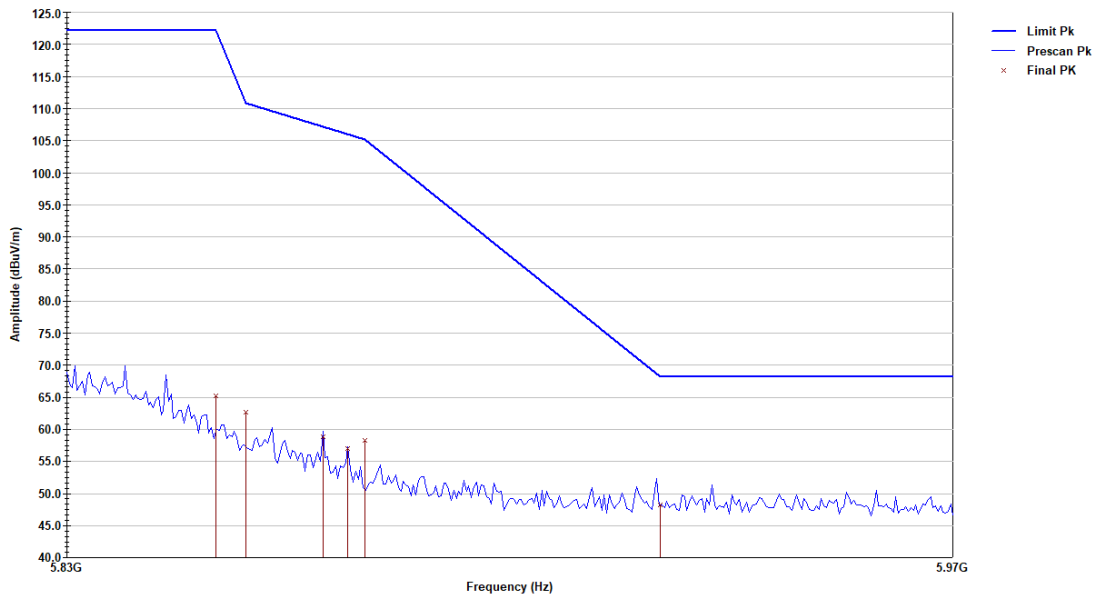
Model # - Alarm.Com / V730

Test Mode - Tx mode, Upper Band-Edge

Operator - AG

Standard - FCC Class B

Comments - 5795MHz, 802.11ac VHT40, pwr 64, mcs0



5795 mcs0 64 RE Upper Band-Edge_3117 2042.til

Last Data Update 02:57:17 PM, Thursday, August 29, 2024

Peak Data

Freq. (MHz)	Final PK (dBuV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Ant. Height (cm)	Azimuth (deg.)
5850	65.18	9.56	-57.02	122.2	186	135
5855	62.59	9.59	-48.21	110.8	217	124
5867.95	58.91	9.68	-48.27	107.17	217	161
5872.2	56.97	9.71	-49.02	105.98	202	183
5875	58.3	9.73	-46.9	105.2	150	135
5925	48.22	9.97	-19.98	68.2	400	125

No Average limit is defined for the upper band edge.

UNII3: 802.11ac80

30 to 1000 MHz Mid Channel – 5775MHz - both chains transmitting Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Radiated Emissions

Horizontal QP

Customer / Model # - Alarm.Com / V730

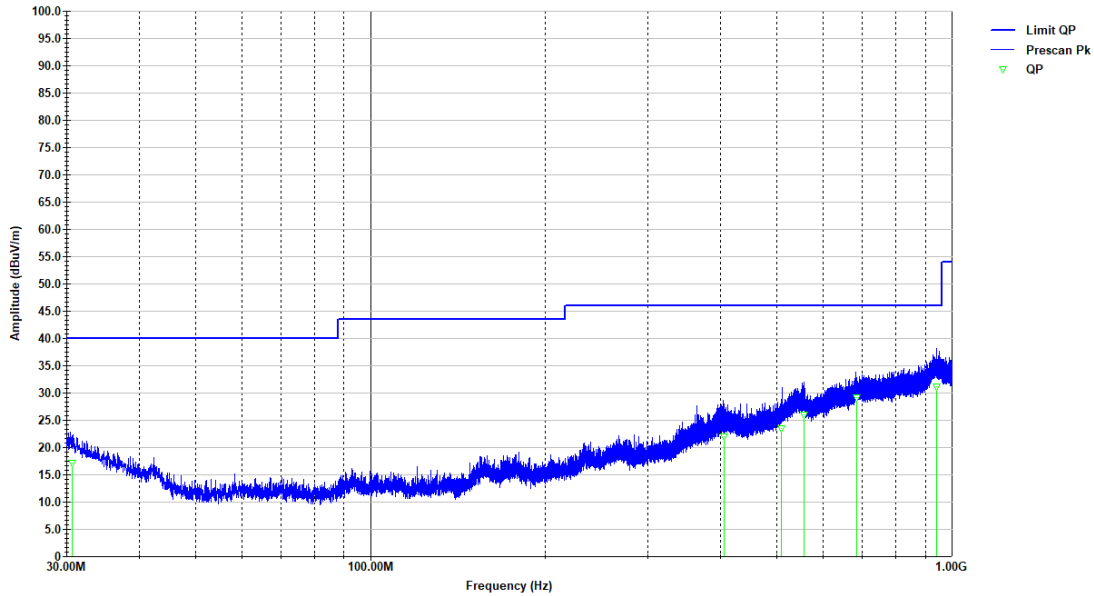
Serial # - N/A

Test Mode - TX

Operator - AG

Standard - FCC 15.407

Comments - 5775MHz, 802.11ac VHT80, mcs2, pwr 64



5775 mcs2 64 FCC 15.407 RE 30M-1GHz.ttl

Last Data Update 01:33:02 PM, Monday, August 12, 2024

Quasi-Peak Data

Freq. (MHz)	Final QP (dBuV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Ant. Height (cm)	Azimuth (deg.)
30.637	17.14	-21.65	-22.86	40	200	257
405.842	21.99	-18.2	-24.03	46.02	168	119
508.903	23.51	-16.23	-22.51	46.02	121	265
555.517	25.93	-13.65	-20.09	46.02	153	236
684.863	29.12	-11.84	-16.9	46.02	129	-20
939.402	31.2	-8.3	-14.82	46.02	161	86

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Radiated Emissions

Vertical QP

Customer / Model # - Alarm.Com / V730

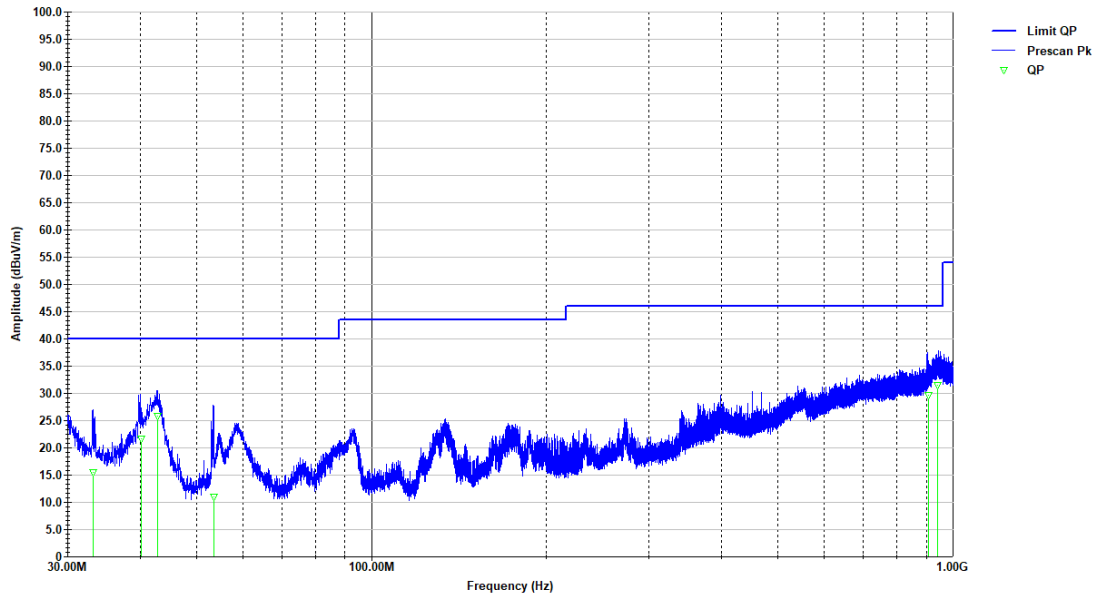
Serial # - N/A

Test Mode - TX

Operator - AG

Standard - FCC 15.407

Comments - 5775MHz, 802.11ac VHT80, mcs2, pwr 64



5775 mcs2 64 FCC 15.407 RE 30M-1GHz.ttl

Last Data Update 01:14:00 PM, Monday, August 12, 2024

Quasi-Peak Data

Freq. (MHz)	Final QP (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
33.203	15.58	-23.11	-24.42	40	106	366
40.191	21.67	-27.09	-18.33	40	100	185
42.902	25.76	-28.43	-14.24	40	100	316
53.554	10.99	-30.65	-29.01	40	177	162
906.745	29.67	-9.97	-16.35	46.02	240	283
940.714	31.45	-8.3	-14.57	46.02	320	301

1 to 18 GHz Mid Channel – 5775MHz - both chains transmitting

Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Radiated Emissions

Horizontal AVG

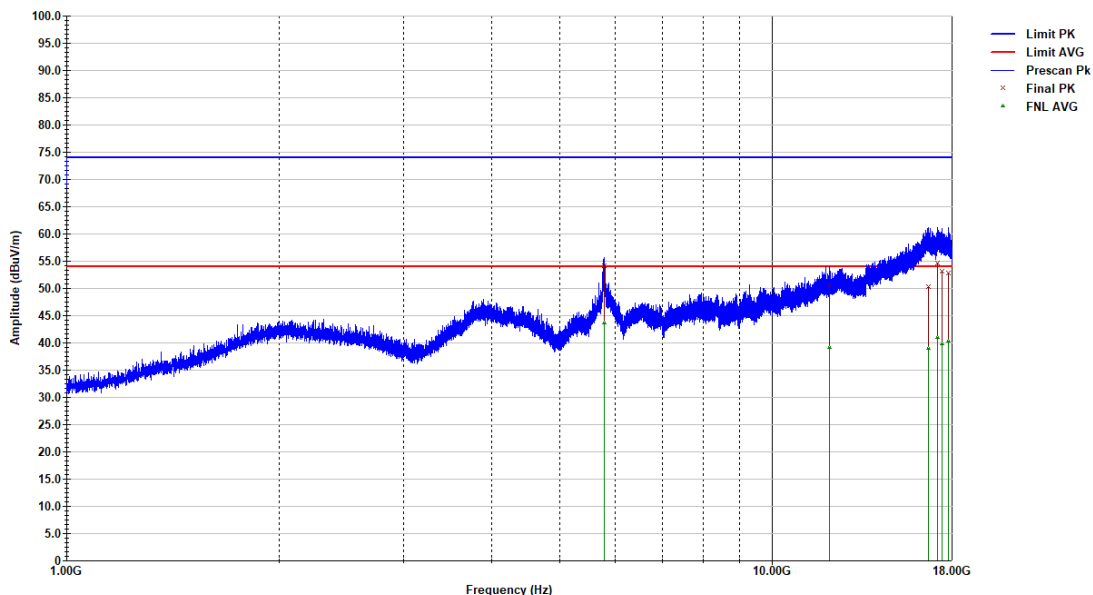
Client/Model - Alarm.Com / V730

Test Mode - TX, UNII3, 6 GHz HPF

Operator - AG

Standard - FCC 15.407

Comments - 5775 MHz, 802.11ac VHT80, mcs2, pwr 64



5775 2 64 RECISPR SW1A NC 3117 w lambda Ina AVG 1G-18G 06Feb2024.ttl

Last Data Update 11:48:14 AM, Thursday, August 08, 2024

Peak Data

Freq. (MHz)	Final PK (dBuV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Ant. Height (cm)	Azimuth (deg.)
5788.282	54.15	9.22	-19.85	74	312	230
12073.79	50.67	25.39	-23.33	74	185	149
16686.907	50.28	33.61	-23.72	74	178	305
17181.736	54.66	32.8	-19.34	74	293	11
17429.183	53.11	32.2	-20.89	74	150	290
17780.564	52.89	31.85	-21.11	74	317	38

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5788.282	43.72	0	9.22	-10.28	54	312	230
12073.79	39.25	0	25.39	-14.75	54	185	149
16686.907	38.91	0	33.61	-15.09	54	178	305
17181.736	40.94	0	32.8	-13.06	54	293	11
17429.183	39.82	0	32.2	-14.18	54	150	290
17780.564	40.28	0	31.85	-13.72	54	317	38

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Client/Model - Alarm.Com / V730

Radiated Emissions

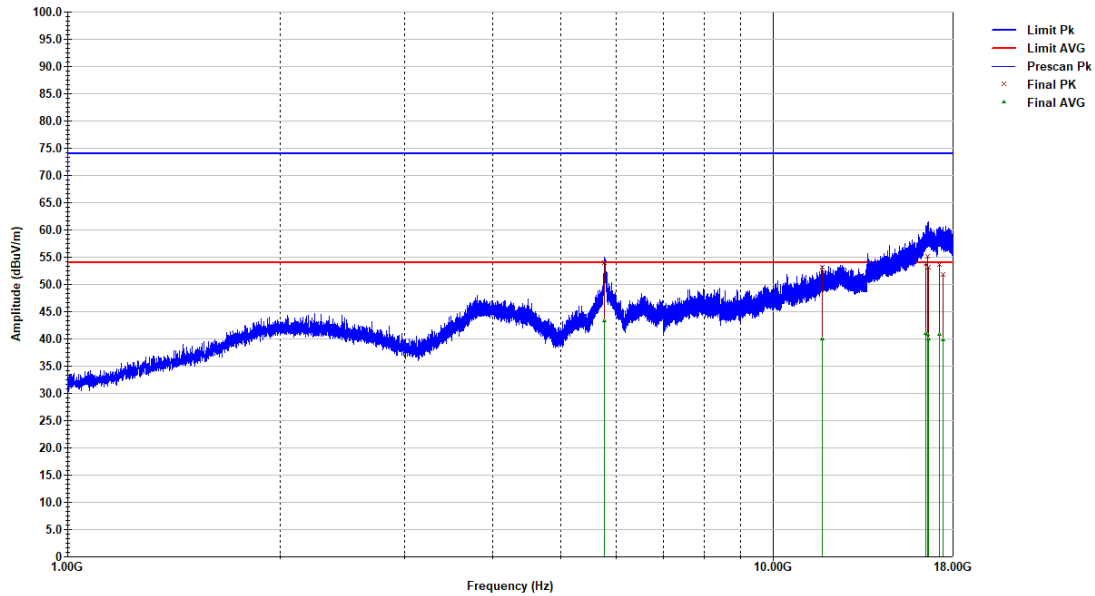
Test Mode - TX, UNII3, 6 GHz HPF

Operator - AG

Vertical AVG

Standard - FCC 15.407

Comments - 5775 MHz, 802.11ac VHT80, mcs2, pwr 64



5775 2 64 RECISPR SW1A NC 3117 w lambda lna AVG 1G-18G 06Feb2024.ttl

Last Data Update 11:32:26 AM, Thursday, August 08, 2024

Peak Data

Freq. (MHz)	Final PK (dBuV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Ant. Height (cm)	Azimuth (deg.)
5775.636	54.01	9.18	-19.99	74	264	176
11747.225	53.09	24.75	-20.91	74	290	80
16474.862	53.82	32.99	-20.18	74	171	31
16548.147	55.11	33.31	-18.89	74	194	42
16631.735	53.13	33.63	-20.87	74	278	-10
17211.51	53.65	32.77	-20.35	74	209	373
17423.639	51.87	32.21	-22.13	74	248	333

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5775.636	43.36	0	9.18	-10.64	54	264	176
11747.225	39.99	0	24.75	-14.01	54	290	80
16474.862	41.01	0	32.99	-12.99	54	171	31
16548.147	40.79	0	33.31	-13.21	54	194	42
16631.735	39.99	0	33.63	-14.01	54	278	-10
17211.51	40.79	0	32.77	-13.21	54	209	373
17423.639	39.83	0	32.21	-14.17	54	248	333

Lower band edge Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Radiated Emissions

Horizontal AVG

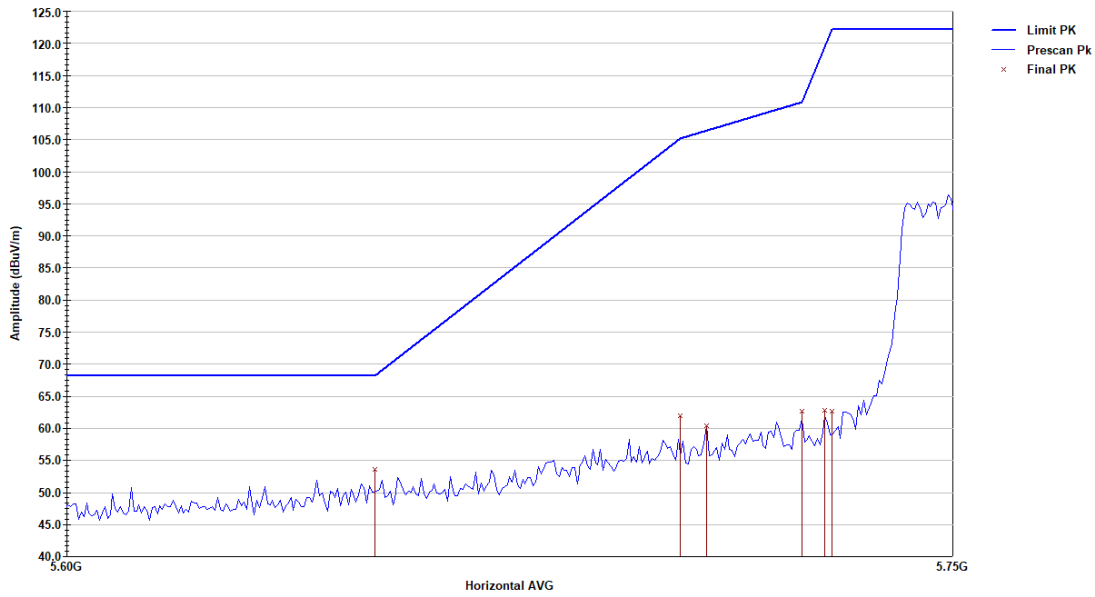
Model # - Alarm.Com / V730

Test Mode - Tx mode, Lower Band-Edge

Operator - AG

Standard - FCC Class B

Comments - 5775MHz, 802.11ac VHT80, pwr 64, mcs2



5775 mcs2 64 RE Lower Band-Edge_3117 2042.ttl

Last Data Update 03:52:44 PM, Thursday, August 29, 2024

Peak Data

Freq. (MHz)	Final PK (dBuV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Ant. Height (cm)	Azimuth (deg.)
5650	53.57	8.92	-14.63	68.2	155	249
5700	62.01	9.12	-43.19	105.2	150	243
5704.325	60.33	9.13	-46.08	106.41	150	220
5720	62.67	9.15	-48.13	110.8	348	249
5723.875	62.85	9.15	-56.78	119.64	355	249
5725	62.67	9.15	-59.53	122.2	363	226

No Average limit is defined for the upper band edge.

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Model # - Alarm.Com / V730

Radiated Emissions

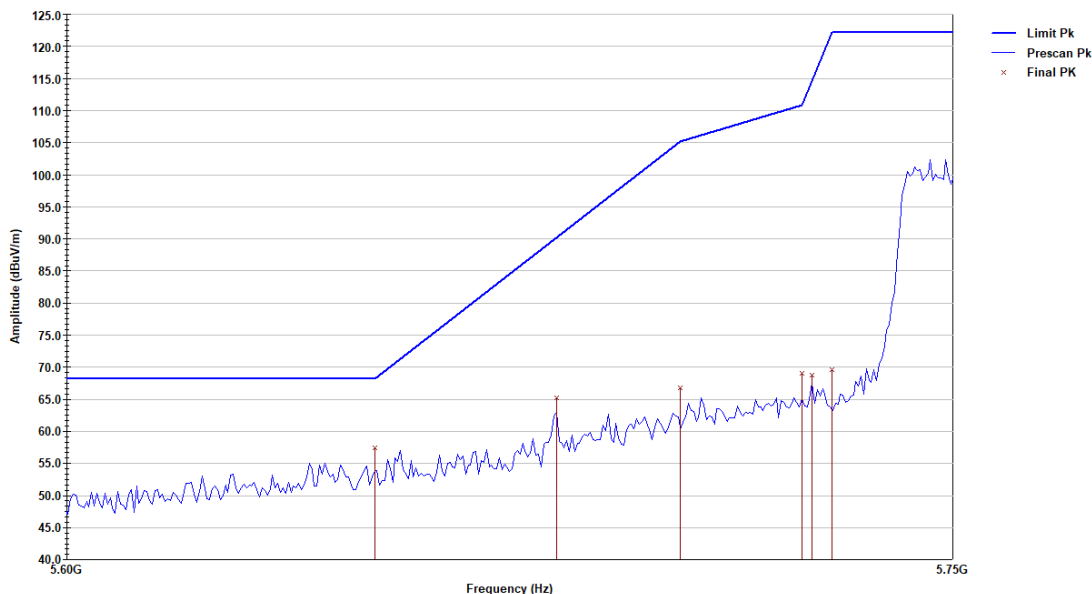
Test Mode - Tx mode, Lower Band-Edge

Vertical AVG

Operator - AG

Standard - FCC Class B

Comments - 5775MHz, 802.11ac VHT80, pwr 64, mcs2



5775 mcs2 64 RE Lower Band-Edge_3117 2042.til

Last Data Update 03:40:02 PM, Thursday, August 29, 2024

Peak Data

Freq. (MHz)	Final PK (dBuV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Ant. Height (cm)	Azimuth (deg.)
5650	57.48	8.92	-10.72	68.2	202	177
5679.675	65.18	9.06	-24.98	90.16	155	183
5700	66.83	9.12	-38.37	105.2	150	199
5720	69.09	9.15	-41.71	110.8	256	163
5721.75	68.8	9.15	-45.99	114.79	179	167
5725	69.6	9.15	-52.6	122.2	178	238

No Average limit is defined for the upper band edge.

Upper band edge Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Model # - Alarm.Com / V730

Radiated Emissions

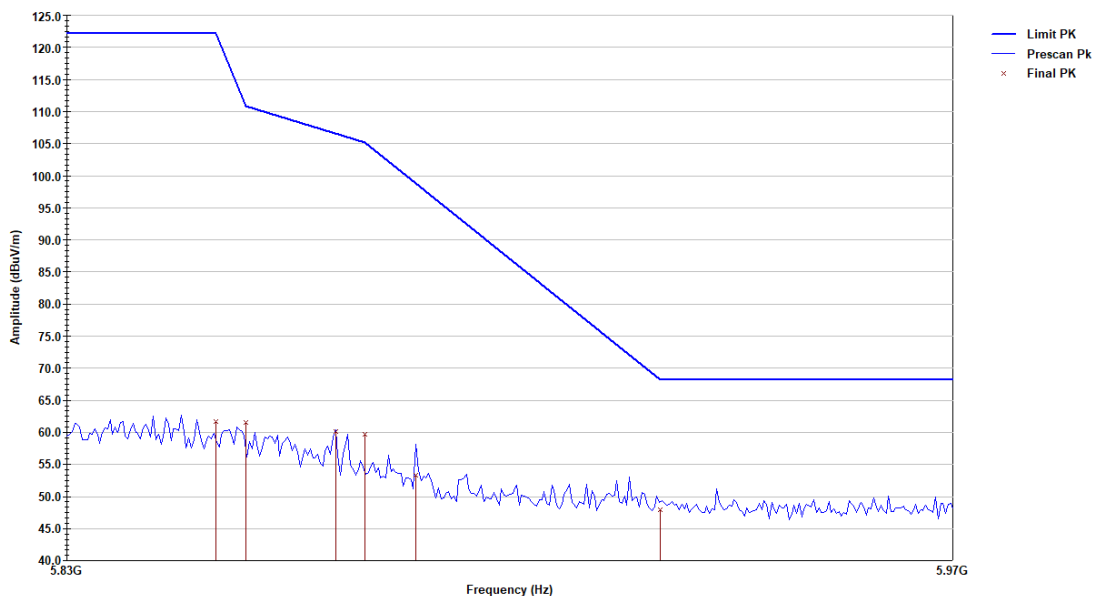
Test Mode - Tx mode, Upper Band-Edge

Horizontal AVG

Operator - AG

Standard - FCC Class B

Comments - 5775MHz, 802.11ac VHT80, pwr 64, mcs2



5775 mcs2 64 RE Upper Band-Edge_3117 2042.ttl

Last Data Update 04:40:25 PM, Thursday, August 29, 2024

Peak Data

Freq. (MHz)	Final PK (dBuV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Ant. Height (cm)	Azimuth (deg.)
5850	61.63	9.56	-60.57	122.2	163	129
5855	61.49	9.59	-49.31	110.8	186	130
5870.075	60.17	9.69	-46.41	106.58	155	129
5875	59.63	9.73	-45.57	105.2	150	129
5883.675	53.33	9.78	-45.45	98.78	150	234
5925	47.87	9.97	-20.33	68.2	225	143

No Average limit is defined for the upper band edge.

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Radiated Emissions

Vertical AVG

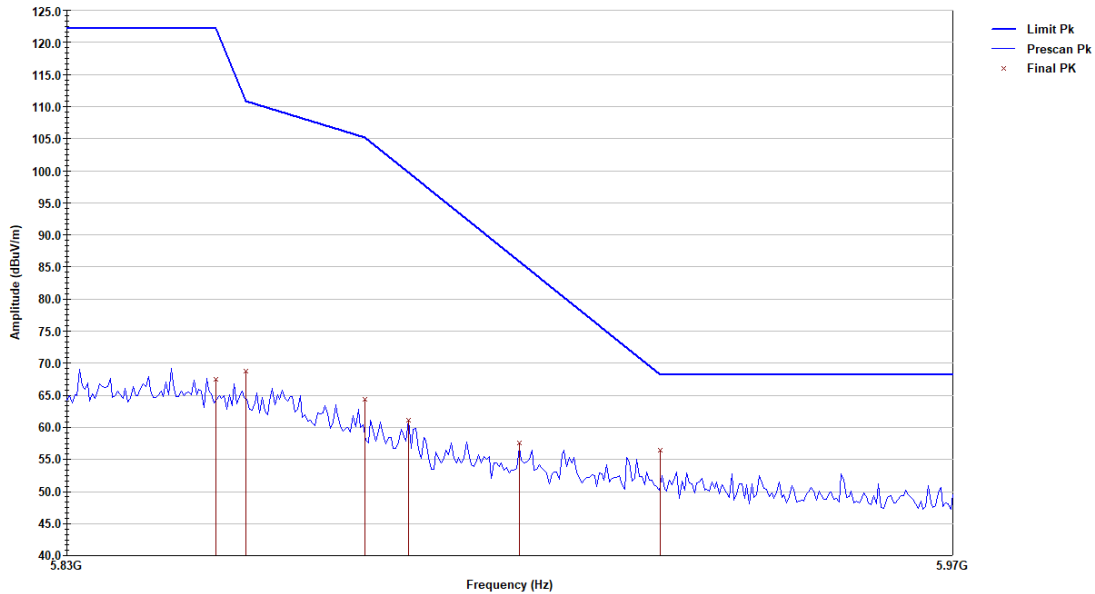
Model # - Alarm.Com / V730

Test Mode - Tx mode, Upper Band-Edge

Operator - AG

Standard - FCC Class B

Comments - 5775MHz, 802.11ac VHT80, pwr 64, mcs2



5775 mcs2 64 RE Upper Band-Edge_3117 2042.til

Last Data Update 04:13:51 PM, Thursday, August 29, 2024

Peak Data

Freq. (MHz)	Final PK (dBuV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Ant. Height (cm)	Azimuth (deg.)
5850	67.49	9.56	-54.71	122.2	150	176
5855	68.75	9.59	-42.05	110.8	163	149
5875	64.35	9.73	-40.85	105.2	319	147
5882.4	61.1	9.77	-38.62	99.72	163	125
5901.1	57.55	9.87	-28.33	85.89	150	196
5925	56.38	9.97	-11.82	68.2	171	135

No Average limit is defined for the upper band edge.

UNII3: 802.11ax20

30 to 1000 MHz High Channel – 5825MHz - both chains transmitting Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Radiated Emissions

Horizontal QP

Customer / Model # - Alarm.Com / V730

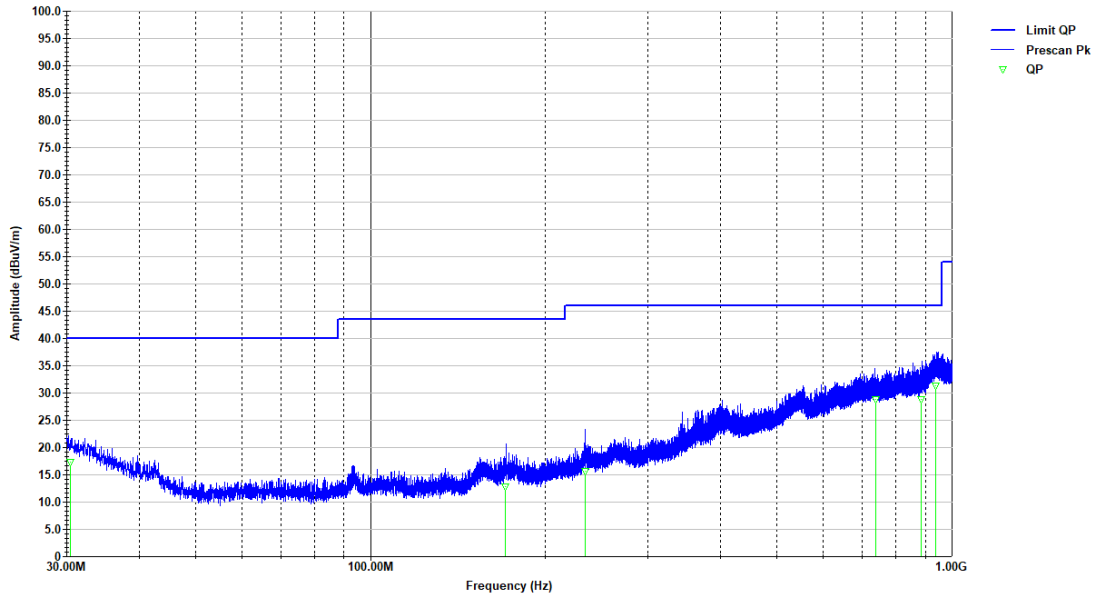
Serial # - N/A

Test Mode - TX

Operator - AG

Standard - FCC 15.407

Comments - 5825MHz, 802.11ax HE20, mcs0, pwr 66



5825 mcs0 66 FCC 15.407 RE 30M-1GHz.ttl

Last Data Update 02:22:25 PM, Monday, August 12, 2024

Quasi-Peak Data

Freq. (MHz)	Final QP (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
30.394	17.34	-21.58	-22.66	40	302	80
170.375	12.76	-27.8	-30.76	43.52	122	279
233.749	15.74	-25.15	-30.28	46.02	160	-2
738.75	28.87	-11.77	-17.15	46.02	263	336
883.754	28.89	-10.99	-17.13	46.02	153	309
936.89	31.36	-8.33	-14.66	46.02	145	153

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Radiated Emissions

Vertical QP

Customer / Model # - Alarm.Com / V730

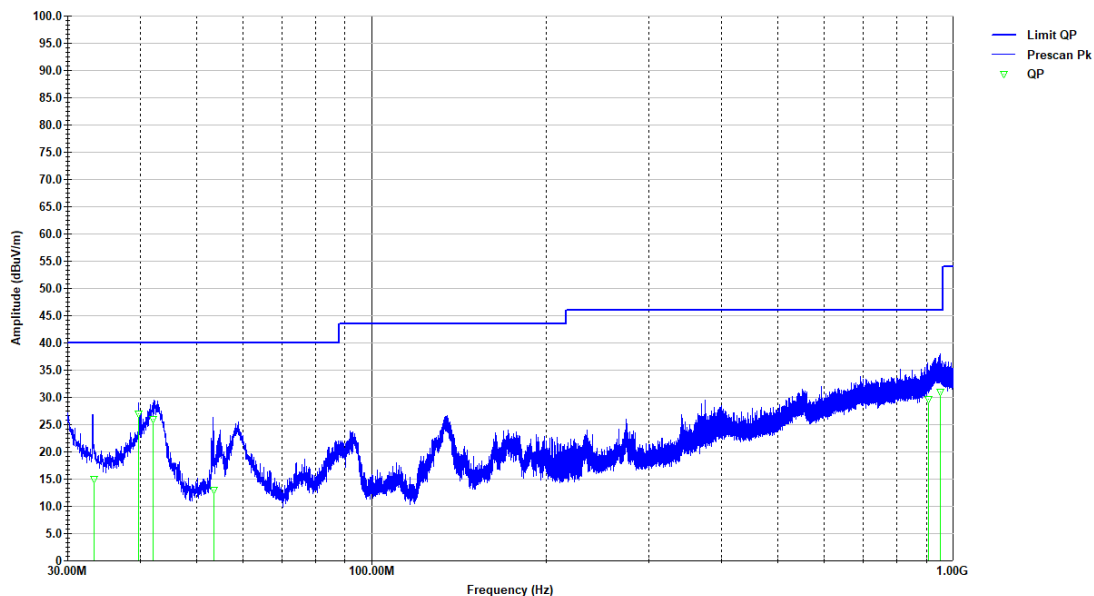
Serial # - N/A

Test Mode - TX

Operator - AG

Standard - FCC 15.407

Comments - 5825MHz, 802.11ax HE20, mcs0, pwr 66



5825 mcs0 66 FCC 15.407 RE 30M-1GHz.ttl

Last Data Update 02:05:20 PM, Monday, August 12, 2024

Quasi-Peak Data

Freq. (MHz)	Final QP (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
33.293	15.07	-23.17	-24.93	40	201	41
39.76	26.94	-26.87	-13.06	40	100	373
42.119	26.05	-28.11	-13.95	40	100	226
53.56	13.07	-30.65	-26.93	40	100	143
906.661	29.6	-9.98	-16.42	46.02	297	17
951.976	31.02	-8.45	-15	46.02	400	221

1 to 18 GHz Low Channel – 5745MHz - both chains transmitting Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Client/Model - Alarm.Com / V730

Radiated Emissions

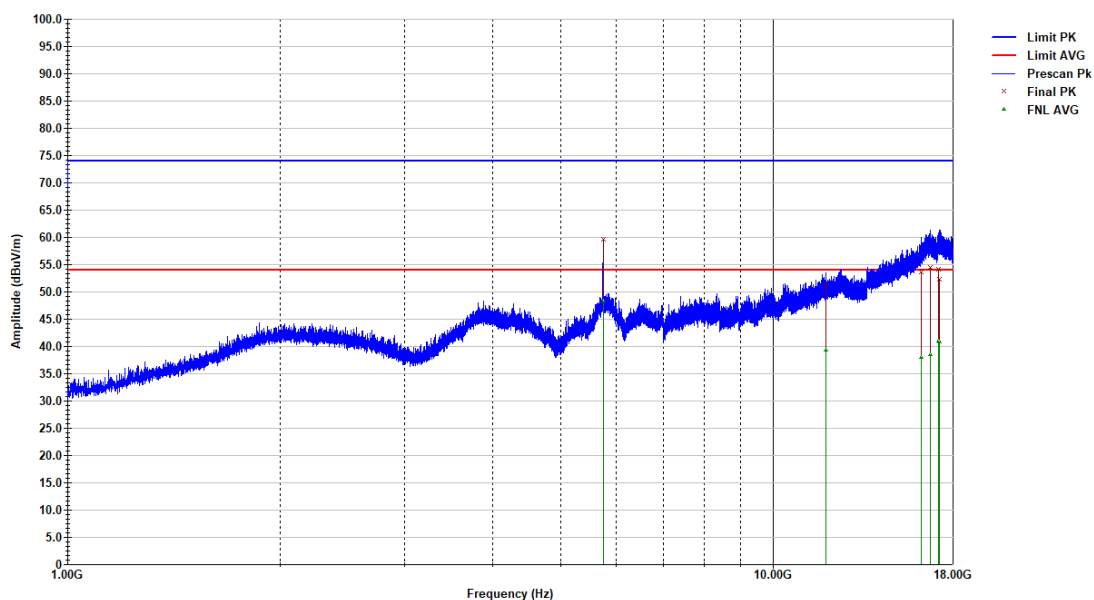
Test Mode - TX, UNII3, 6 GHz HPF

Horizontal AVG

Operator - AG

Standard - FCC 15.407

Comments - 5745 MHz, 802.11ax HE20, mcs0, pwr 66



5745 0 66 RECISPR SW1A NC 3117 w lambda lna AVG 1G-18G 06Feb2024.ttl

Last Data Update 12:35:38 PM, Thursday, August 08, 2024

Peak Data

Freq. (MHz)	Final PK (dBuV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Ant. Height (cm)	Azimuth (deg.)
5745.975	59.69	9.15	-14.31	74	266	210
11890.2	51.4	25.08	-22.6	74	393	226
16227.75	53.7	31.9	-20.3	74	247	16
16733.5	54.48	33.59	-19.52	74	202	12
17164.45	54.15	32.79	-19.85	74	171	71
17241.37	52.32	32.69	-21.68	74	300	281

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5745.975	48.33	0	9.15	-5.67	54	266	210
11890.2	39.26	0	25.08	-14.74	54	393	226
16227.75	37.93	0	31.9	-16.07	54	247	16
16733.5	38.56	0	33.59	-15.44	54	202	12
17164.45	40.94	0	32.79	-13.06	54	171	71
17241.37	40.87	0	32.69	-13.13	54	300	281

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Radiated Emissions

Vertical AVG

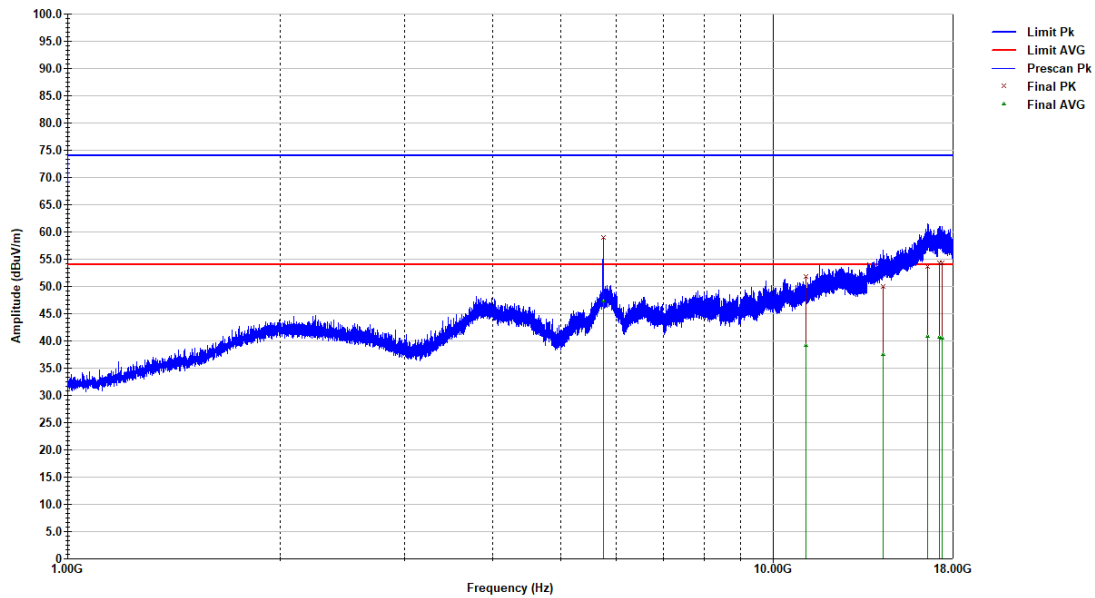
Client/Model - Alarm.Com / V730

Test Mode - TX, UNII3, 6 GHz HPF

Operator - AG

Standard - FCC 15.407

Comments - 5745 MHz, 802.11ax HE20, mcs0, pwr 66



5745 0 66 RECISPR SW1A NC 3117 w lambda lna AVG 1G-18G 06Feb2024.ttl

Last Data Update 12:18:44 PM, Thursday, August 08, 2024

Peak Data

Freq. (MHz)	Final PK (dBuV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Ant. Height (cm)	Azimuth (deg.)
5746.4	59.02	9.15	-14.98	74	218	106
11139.22	51.75	22.66	-22.25	74	209	155
14323.75	50.03	27.14	-23.97	74	202	48
16567.32	53.66	33.39	-20.34	74	388	90
17209.5	54.27	32.78	-19.73	74	217	253
17368.88	54.37	32.34	-19.63	74	342	266

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5746.4	47.31	0	9.15	-6.69	54	218	106
11139.22	39.22	0	22.66	-14.78	54	209	155
14323.75	37.52	0	27.14	-16.48	54	202	48
16567.32	40.82	0	33.39	-13.18	54	388	90
17209.5	40.74	0	32.78	-13.26	54	217	253
17368.88	40.56	0	32.34	-13.44	54	342	266

Lower band edge Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Radiated Emissions

Horizontal AVG

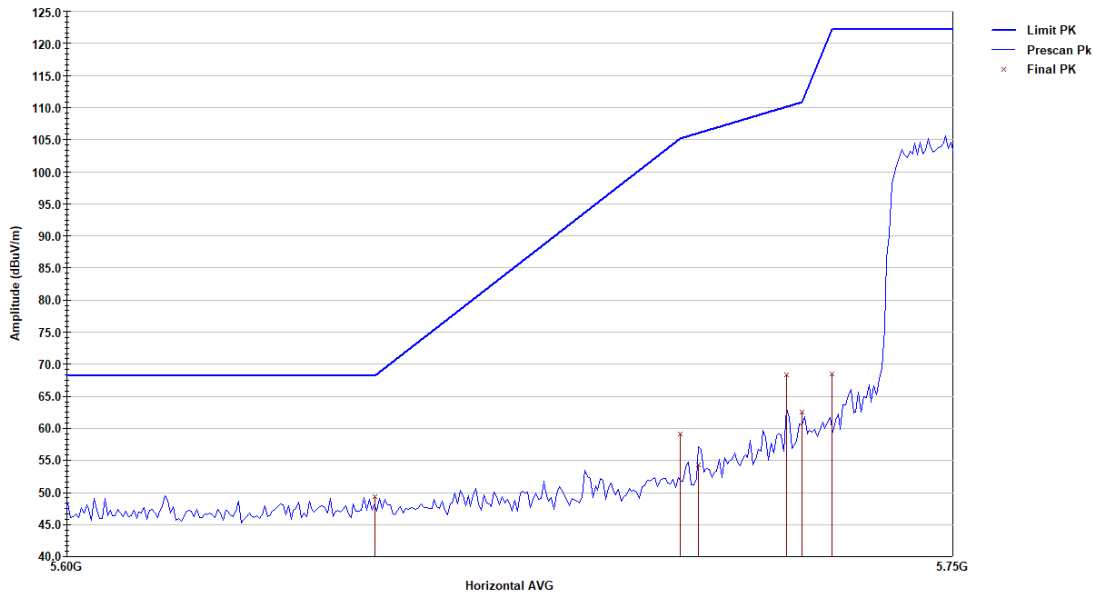
Model # - Alarm.Com / V730

Test Mode - Tx mode, Lower Band-Edge

Operator - AG

Standard - FCC Class B

Comments - 5745MHz, 802.11ax HE20, pwr 66, mcs0



5745 mcs0 66 RE Lower Band-Edge_3117 2042.ttl

Last Data Update 05:18:57 PM, Thursday, August 29, 2024

Peak Data

Freq. (MHz)	Final PK (dBuV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Ant. Height (cm)	Azimuth (deg.)
5650	49.37	8.92	-18.83	68.2	217	220
5700	59.07	9.12	-46.13	105.2	155	243
5703.05	54.35	9.13	-51.7	106.05	400	380
5717.5	68.26	9.15	-41.84	110.1	150	243
5720	62.55	9.15	-48.25	110.8	193	249
5725	68.43	9.15	-53.77	122.2	150	243

No Average limit is defined for the upper band edge.

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Radiated Emissions

Vertical AVG

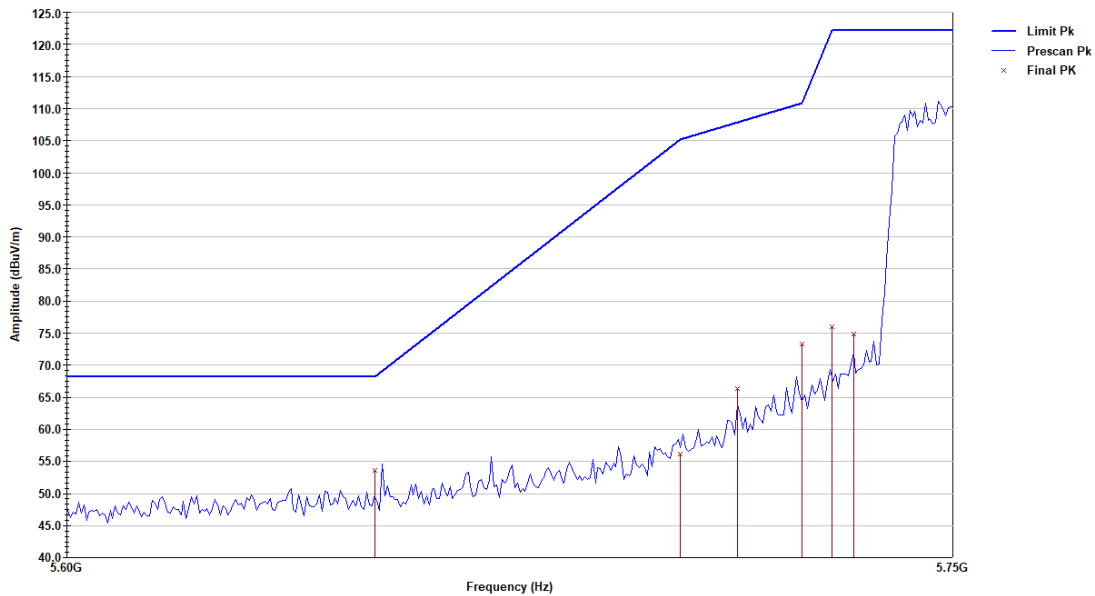
Model # - Alarm.Com / V730

Test Mode - Tx mode, Lower Band-Edge

Operator - AG

Standard - FCC Class B

Comments - 5745MHz, 802.11ax HE20, pwr 66, mcs0



5745 mcs0 66 RE Lower Band-Edge_3117 2042.til

Last Data Update 05:06:17 PM, Thursday, August 29, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5650	53.66	8.92	-14.54	68.2	155	153
5700	56.08	9.12	-49.12	105.2	295	-20
5709.425	66.35	9.15	-41.49	107.84	187	149
5720	73.26	9.15	-37.54	110.8	163	154
5725	75.94	9.15	-46.26	122.2	150	124
5728.55	74.81	9.15	-47.39	122.2	150	183

No Average limit is defined for the upper band edge.

Mid Channel – 5785MHz - both chains transmitting Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Radiated Emissions

Horizontal AVG

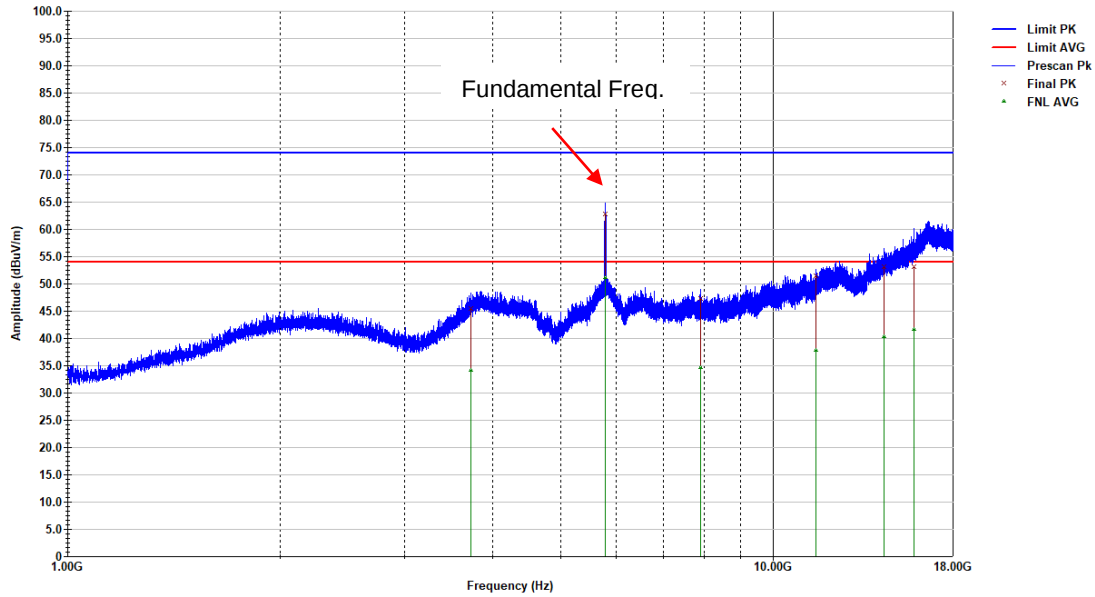
Client/Model - Alarm.Com / V730

Test Mode - TX, UNII3, 6 GHz HPF

Operator - AG

Standard - FCC 15.407

Comments - 5785 MHz, 802.11ax HE20, mcs0, pwr 66



5785 0 66 RECISPR SW1A NC 3117 2042 w lambda lna AVG 1G-18G 06Feb2024.tif

Last Data Update 06:26:07 PM, Wednesday, August 14, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
3731.05	45.49	3.33	-28.51	74	163	-20
5789.325	62.75	9.23	(*)	(*)	263	187
7896.05	47.32	14.67	-26.68	74	317	329
11501.75	51.48	24.27	-22.52	74	150	-5
14360.73	53.09	27.13	-20.91	74	378	209
15866.93	53.13	30.6	-20.87	74	356	59

*This is the fundamental and the limit doesn't apply for that.

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
3731.05	34.18	0	3.33	-19.82	54	163	-20
5789.325	51.11	0	9.23	(*)	(*)	263	187
7896.05	34.66	0	14.67	-19.34	54	317	329
11501.75	37.78	0	24.27	-16.22	54	150	-5
14360.73	40.37	0	27.13	-13.63	54	378	209
15866.93	41.67	0	30.6	-12.33	54	356	59

*This is the fundamental and the limit doesn't apply for that.

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Radiated Emissions

Vertical AVG

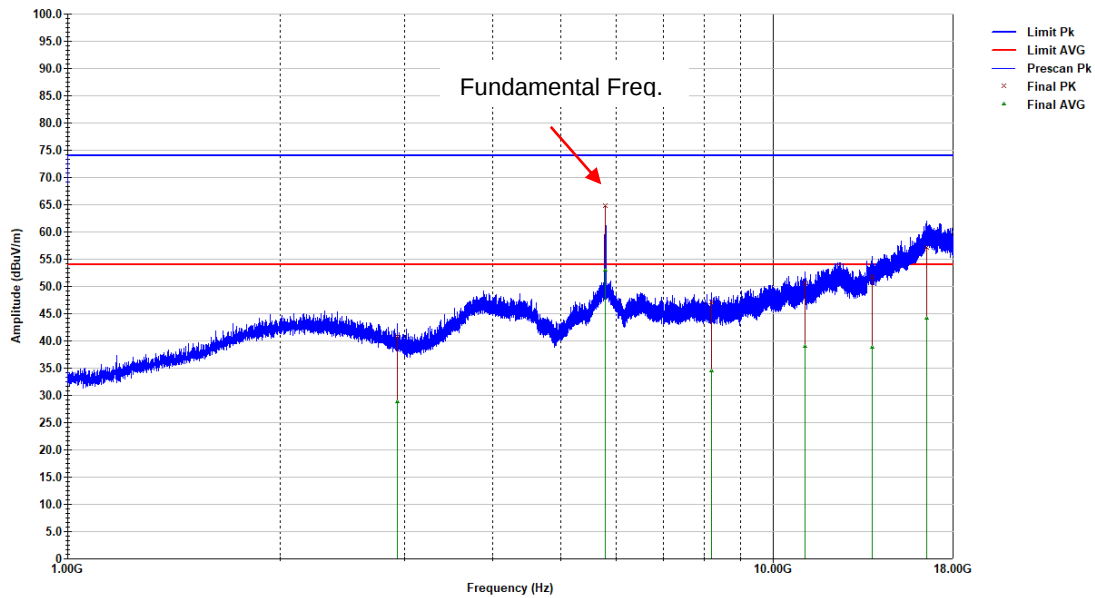
Client/Model - Alarm.Com / V730

Test Mode - TX, UNII3, 6 GHz HPF

Operator - AG

Standard - FCC 15.407

Comments - 5785 MHz, 802.11ax HE20, mcs0, pwr 66



5785 0 66 RECISPR SW1A NC 3117 2042 w lambda lna AVG 1G-18G 06Feb2024.til

Last Data Update 06:11:57 PM, Wednesday, August 14, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
2930.775	40.88	1.79	-33.12	74	318	42
5778.275	64.74	9.19	(*)	(*)	233	163
8176.55	47.08	15.43	-26.92	74	186	-6
11115.85	50.71	22.58	-23.29	74	272	77
13841.38	51.82	26.44	-22.18	74	381	84
16539.7	57.15	33.27	-16.85	74	179	223

*This is the fundamental and the limit doesn't apply for that.

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
2930.775	28.79	0.15	1.79	-25.21	54	318	42
5778.275	53.06	0.15	(*)	(*)	54	233	163
8176.55	34.42	0.15	15.43	-19.58	54	186	-6
11115.85	38.99	0.15	22.58	-15.01	54	272	77
13841.38	38.88	0.15	26.44	-15.12	54	381	84
16539.7	44.09	0.15	33.27	-9.91	54	179	223

*This is the fundamental and the limit doesn't apply for that.

High Channel – 5825MHz - both chains transmitting Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Client/Model - Alarm.Com / V730

Radiated Emissions

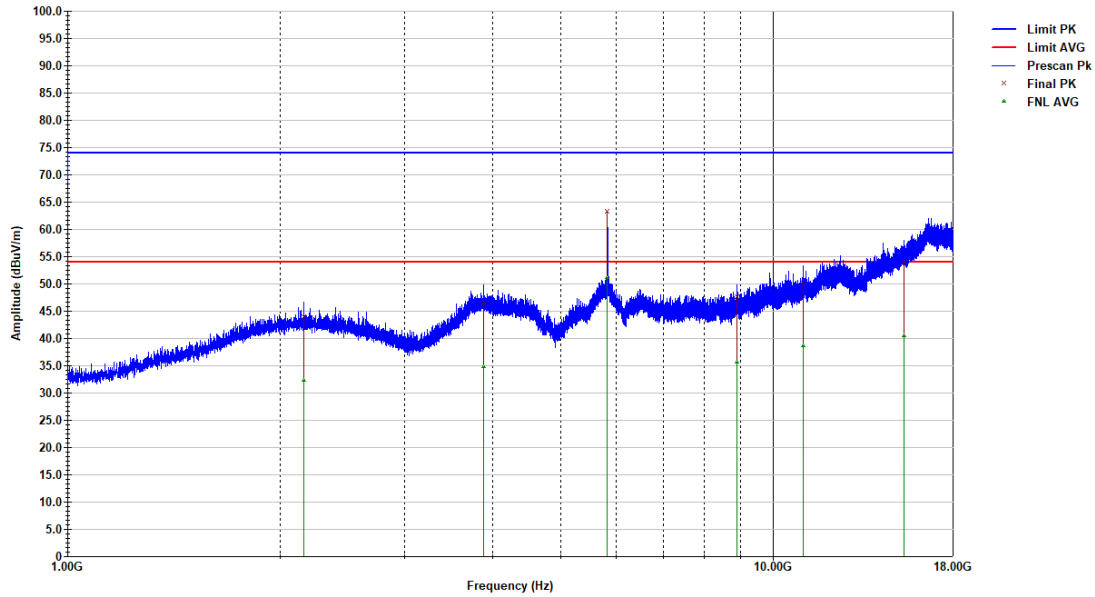
Test Mode - TX, UNII3, 6 GHz HPF

Horizontal AVG

Operator - AG

Standard - FCC 15.407

Comments - 5825 MHz, 802.11ax HE20, mcs0, pwr 66



5825 0 66 RECISPR SW1A NC 3117 2042 w lambda lna AVG 1G-18G 06Feb2024 - Copy.ttl

Last Data Update 07:12:39 PM, Wednesday, August 14, 2024

Peak Data

Freq. (MHz)	Final PK (dBuV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Ant. Height (cm)	Azimuth (deg.)
2160.675	43.96	-1.56	-30.04	74	196	293
3890.425	46.48	3.8	-27.52	74	171	143
5825.45	63.26	9.38	-10.74	74	209	199
8884.6	47.69	16.73	-26.31	74	279	21
11038.5	50.17	22.12	-23.83	74	302	-20
15343.75	54.05	29.28	-19.95	74	163	157

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
2160.675	32.31	0	-1.56	-21.69	54	196	293
3890.425	34.86	0	3.8	-19.14	54	171	143
5825.45	51.18	0	9.38	-2.82	54	209	199
8884.6	35.6	0	16.73	-18.4	54	279	21
11038.5	38.63	0	22.12	-15.37	54	302	-20
15343.75	40.46	0	29.28	-13.54	54	163	157

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Client/Model - Alarm.Com / V730

Radiated Emissions

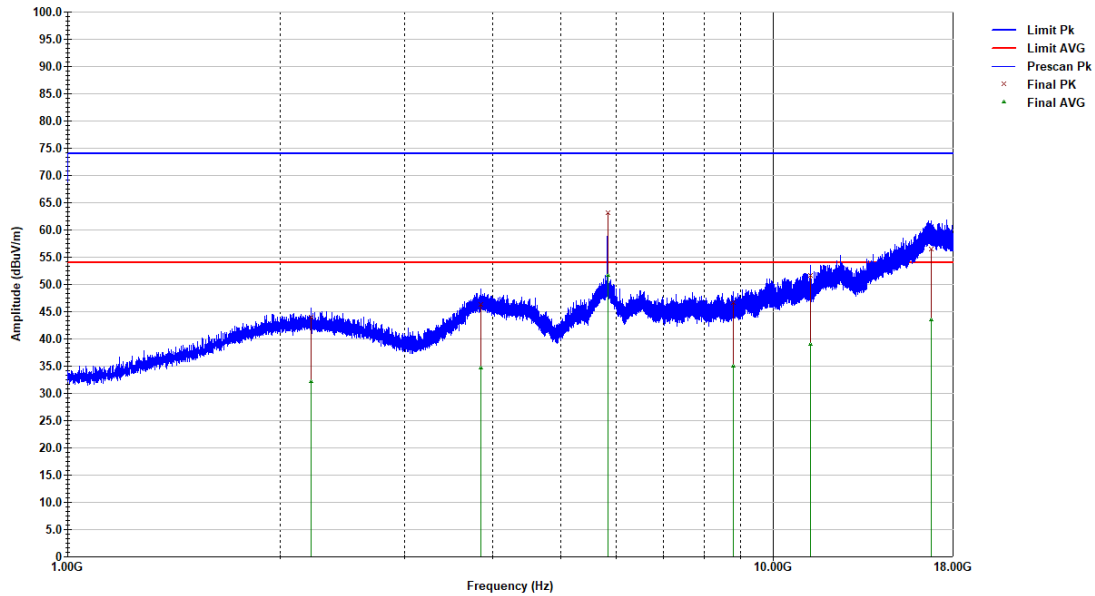
Test Mode - TX, UNII3, 6 GHz HPF

Operator - AG

Vertical AVG

Standard - FCC 15.407

Comments - 5825 MHz, 802.11ax HE20, mcs0, pwr 66



5825 0 66 RECISPR SW1A NC 3117 2042 w lambda lna AVG 1G-18G 06Feb2024 - Copy.ttl

Last Data Update 06:57:48 PM, Wednesday, August 14, 2024

Peak Data

Freq. (MHz)	Final PK (dBuV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Ant. Height (cm)	Azimuth (deg.)
2214.65	43.93	-1.4	-30.07	74	374	10
3848.775	46.31	3.61	-27.69	74	150	129
5833.525	63.13	9.44	-10.87	74	365	210
8797.05	46.68	16.47	-27.32	74	218	136
11298.6	51.65	23.42	-22.35	74	218	226
16748.38	56.57	33.58	-17.43	74	171	123

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
2214.65	32.19	0	-1.4	-21.81	54	374	10
3848.775	34.68	0	3.61	-19.32	54	150	129
5833.525	51.61	0	9.44	-2.39	54	365	210
8797.05	34.98	0	16.47	-19.02	54	218	136
11298.6	38.98	0	23.42	-15.02	54	218	226
16748.38	43.45	0	33.58	-10.55	54	171	123

Upper band edge Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Model # - Alarm.Com / V730

Radiated Emissions

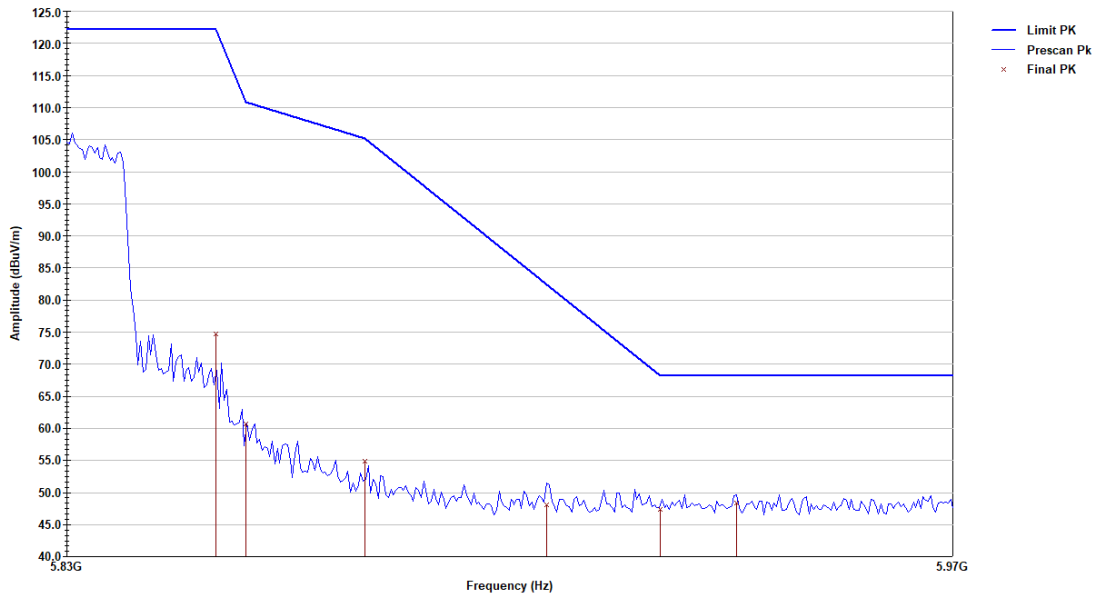
Test Mode - Tx mode, Upper Band-Edge

Horizontal AVG

Operator - AG

Standard - FCC Class B

Comments - 5825MHz, 802.11ax HE20, pwr 66, mcs0



5825 mcs0 66 RE Upper Band-Edge_3117 2042.ttl

Last Data Update 06:28:58 PM, Thursday, August 29, 2024

Peak Data

Freq. (MHz)	Final PK (dBuV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Ant. Height (cm)	Azimuth (deg.)
5850	74.66	9.56	-47.54	122.2	255	97
5855	60.74	9.59	-50.06	110.8	186	205
5875	54.91	9.73	-50.29	105.2	150	237
5905.775	48.1	9.89	-34.33	82.43	202	120
5925	47.39	9.97	-20.81	68.2	387	346
5938.075	48.3	10.03	-19.9	68.2	210	243

No Average limit is defined for the upper band edge.

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Radiated Emissions

Vertical AVG

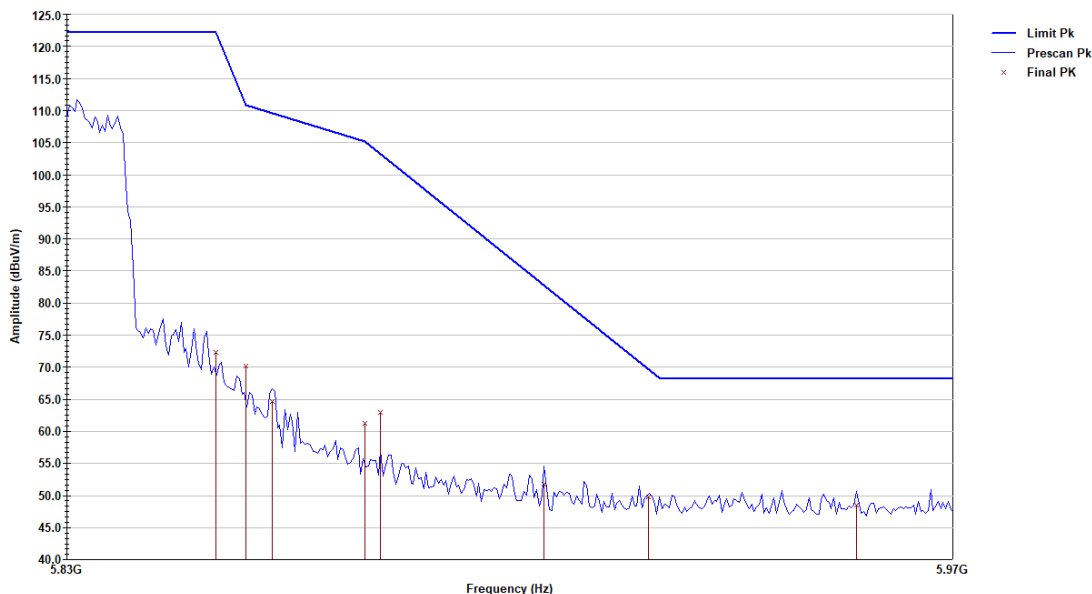
Model # - Alarm.Com / V730

Test Mode - Tx mode, Upper Band-Edge

Operator - AG

Standard - FCC Class B

Comments - 5825MHz, 802.11ax HE20, pwr 66, mcs0



5825 mcs0 66 RE Upper Band-Edge_3117 2042.ttl

Last Data Update 06:06:58 PM, Thursday, August 29, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5850	72.29	9.56	-49.91	122.2	333	248
5855	70.24	9.59	-40.56	110.8	150	157
5859.45	64.6	9.62	-44.95	109.55	179	165
5875	61.25	9.73	-43.95	105.2	156	148
5877.725	62.99	9.75	-40.2	103.18	178	130
5905.35	51.71	9.88	-31.03	82.74	150	184
5923	49.79	9.96	-19.89	69.68	373	160
5958.475	48.51	10.03	-19.69	68.2	210	207

No Average limit is defined for the upper band edge.

UNII3: 802.11ax40

30 to 1000 MHz Low Channel – 5755MHz - both chains transmitting Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Customer / Model # - Alarm.Com / V730

Serial # - N/A

Test Mode - TX

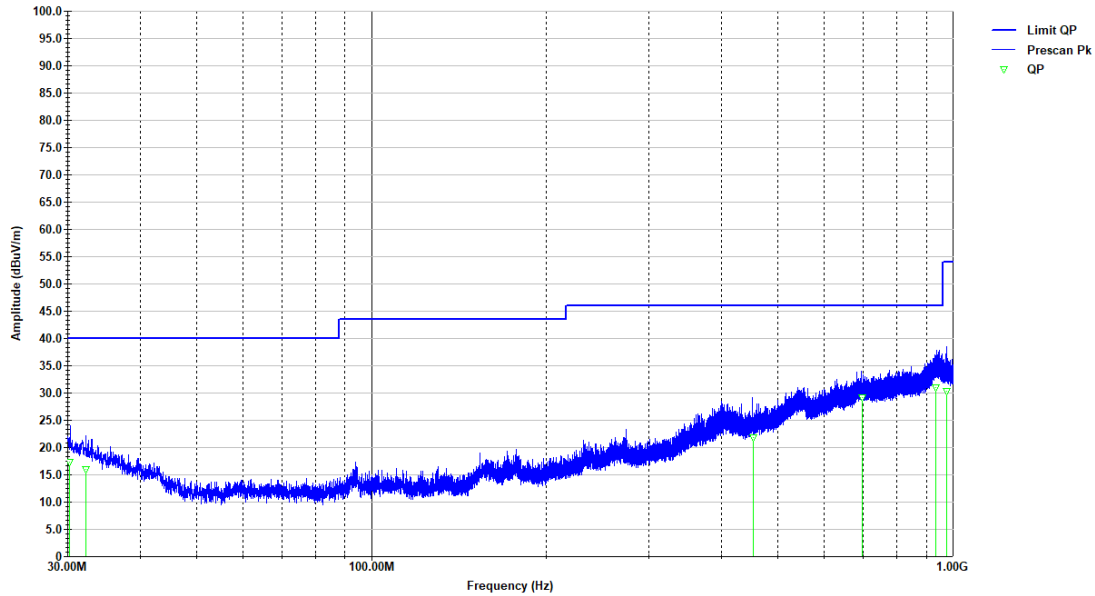
Operator - AG

Standard - FCC 15.407

Comments - 5755MHz, 802.11ax HE40, mcs0, pwr 64

Radiated Emissions

Horizontal QP



5755 mcs0 64 FCC 15.407 RE 30M-1GHz.ttl

Last Data Update 03:19:54 PM, Monday, August 12, 2024

Quasi-Peak Data

Freq. (MHz)	Final QP (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
30.194	17.29	-21.51	-22.71	40	350	229
32.22	15.93	-22.51	-24.07	40	278	248
453.035	21.89	-18.32	-24.13	46.02	121	12
697.627	29.09	-11.75	-16.93	46.02	303	363
932.59	30.97	-8.43	-15.05	46.02	350	350
976.865	30.36	-9.26	-23.62	53.98	342	331

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Radiated Emissions

Vertical QP

Customer / Model # - Alarm.Com / V730

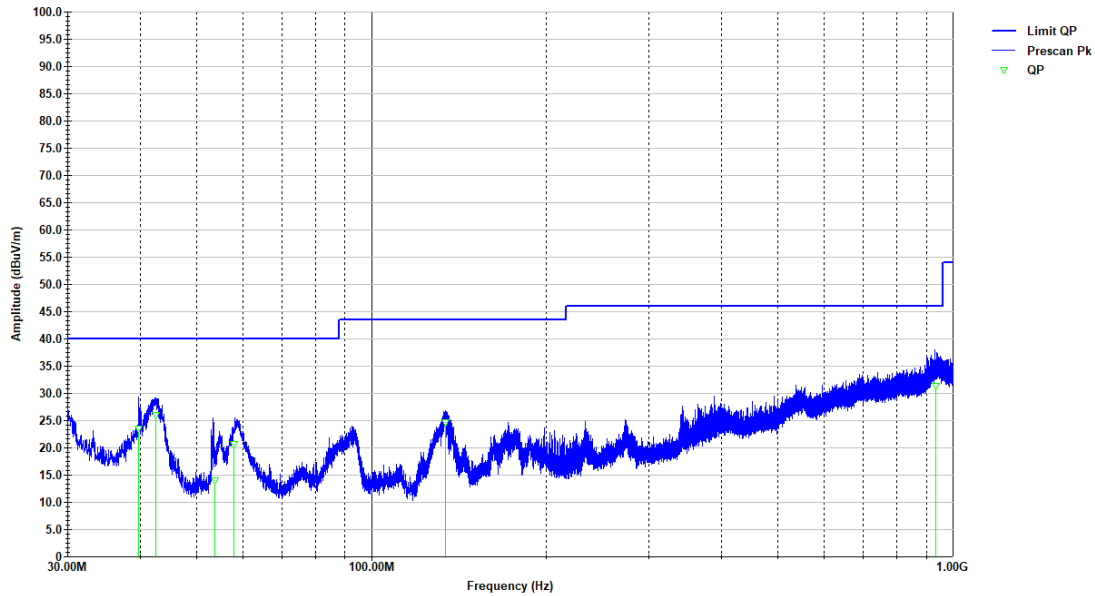
Serial # - N/A

Test Mode - TX

Operator - AG

Standard - FCC 15.407

Comments - 5755MHz, 802.11ax HE40, mcs0, pwr 64



5755 mcs0 64 FCC 15.407 RE 30M-1GHz.ttl

Last Data Update 03:02:51 PM, Monday, August 12, 2024

Quasi-Peak Data

Freq. (MHz)	Final QP (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
39.73	23.42	-26.85	-16.58	40	100	48
42.462	25.99	-28.25	-14.01	40	100	177
53.693	13.96	-30.65	-26.04	40	122	129
58.056	20.65	-30.48	-19.35	40	100	142
134.075	24.69	-29.66	-18.83	43.52	100	-20
933.492	31.27	-8.4	-14.75	46.02	100	334

1 to 18 GHz Low Channel – 5755MHz - both chains transmitting Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Radiated Emissions

Horizontal AVG

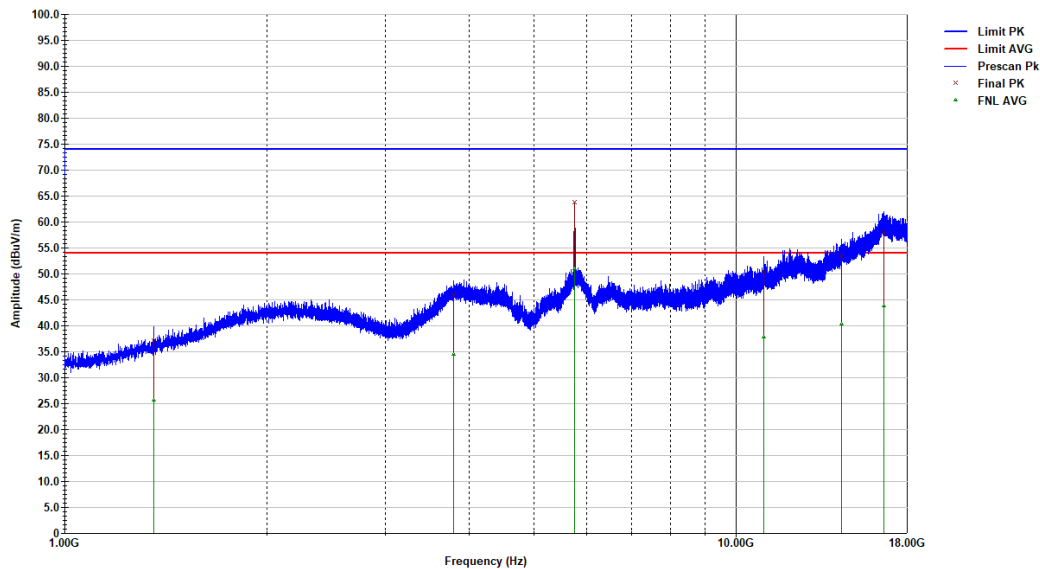
Client/Model - Alarm.Com / V730

Test Mode - TX, UNII3, 6 GHz HPF

Operator - AG

Standard - FCC 15.407

Comments - 5755 MHz, 802.11ax HE40, mcs0, pwr 64



5755 0 64 RECISPR SW1A NC 3117 2042 w lambda lna AVG 1G-18G 06Feb2024.ttl

Last Data Update 07:56:59 PM, Wednesday, August 14, 2024

Peak Data

Freq. (MHz)	Final PK (dBuV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Ant. Height (cm)	Azimuth (deg.)
1356.15	37.16	-6.44	-36.84	74	292	234
3794.375	45.99	3.7	-28.01	74	400	247
5752.775	63.88	9.15	-10.12	74	400	152
11004.92	50.41	21.9	-23.59	74	394	161
14363.28	53.5	27.13	-20.5	74	209	-20
16616.2	58.15	33.6	-15.85	74	316	269

Average

Freq. (MHz)	Final AVG (dBuV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Ant. Height (cm)	Azimuth (deg.)
1356.15	25.64	0.0	-6.44	-28.36	54	292	234
3794.375	34.48	0.0	3.7	-19.52	54	400	247
5752.775	51.04	0.0	9.15	-2.96	54	400	152
11004.92	37.82	0.0	21.9	-16.18	54	394	161
14363.28	40.4	0.0	27.13	-13.6	54	209	-20
16616.2	43.78	0.0	33.6	-10.22	54	316	269

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Client/Model - Alarm.Com / V730

Radiated Emissions

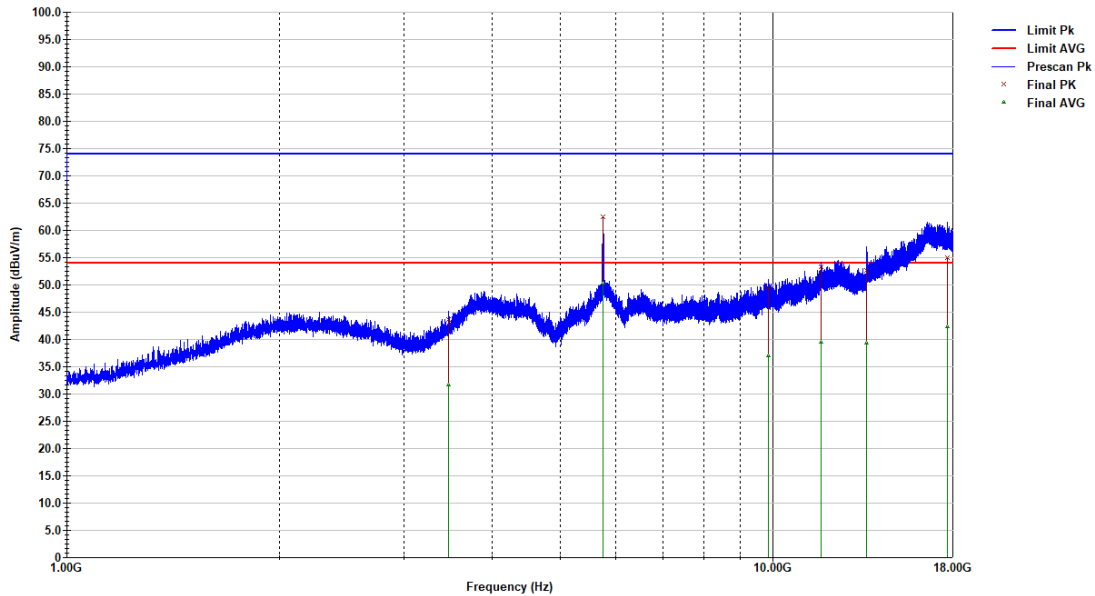
Test Mode - TX, UNII3, 6 GHz HPF

Operator - AG

Vertical AVG

Standard - FCC 15.407

Comments - 5755 MHz, 802.11ax HE40, mcs0, pwr 64



5755 0 64 RECISPR SW1A NC 3117 2042 w lambda lna AVG 1G-18G 06Feb2024.ttl

Last Data Update 07:41:40 PM, Wednesday, August 14, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
3475.625	43.74	2.81	-30.26	74	374	287
5748.1	62.49	9.15	-11.51	74	400	164
9869.325	49.5	19.05	-24.5	74	400	306
11713.82	53.24	24.63	-20.76	74	295	-20
13600.4	52.69	26.28	-21.31	74	327	358
17664.68	54.99	31.98	-19.01	74	326	280

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
3475.625	43.74	0.0	2.81	-30.26	74	374	287
5748.1	62.49	0.0	9.15	-11.51	74	400	164
9869.325	49.5	0.0	19.05	-24.5	74	400	306
11713.82	53.24	0.0	24.63	-20.76	74	295	-20
13600.4	52.69	0.0	26.28	-21.31	74	327	358
17664.68	54.99	0.0	31.98	-19.01	74	326	280

Lower band edge Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Radiated Emissions

Horizontal AVG

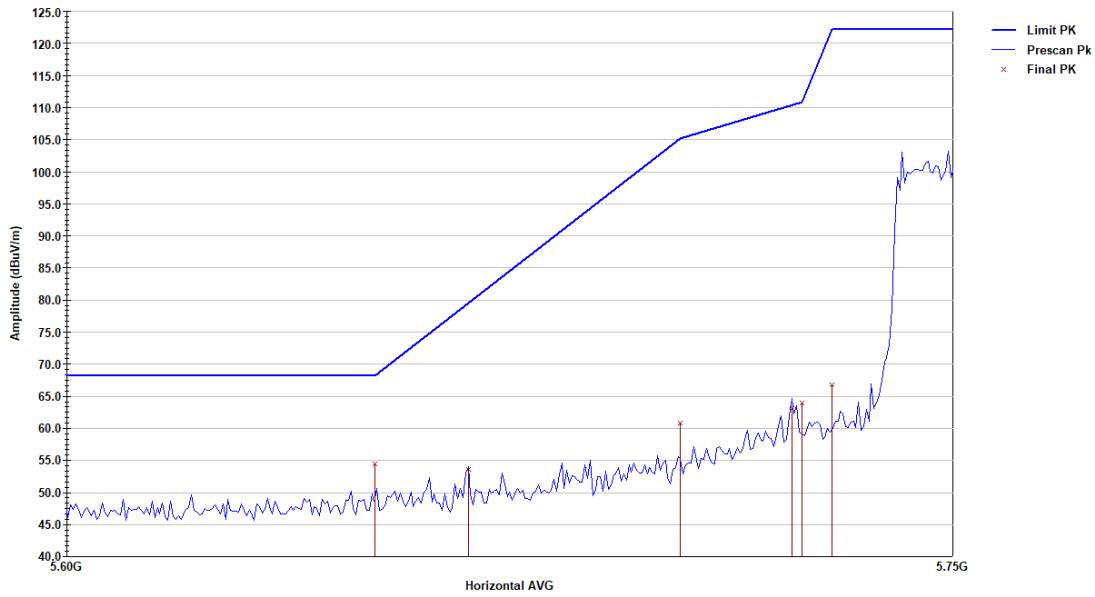
Model # - Alarm.Com / V730

Test Mode - Tx mode, Lower Band-Edge

Operator - AG

Standard - FCC Class B

Comments - 5755MHz, 802.11ax HE40, pwr 64, mcs0



5755 mcs0 64 RE Lower Band-Edge_3117 2042.ttl

Last Data Update 08:27:20 AM, Friday, August 30, 2024

Peak Data

Freq. (MHz)	Final PK (dBuV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Ant. Height (cm)	Azimuth (deg.)
5650	54.43	8.92	-13.77	68.2	239	99
5665.225	53.61	8.99	-25.86	79.47	163	235
5700	60.88	9.12	-44.32	105.2	248	101
5718.35	63.14	9.15	-47.2	110.34	171	243
5720	63.9	9.15	-46.9	110.8	194	243
5725	66.75	9.15	-55.45	122.2	163	246

No Average limit is defined for the upper band edge.

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Radiated Emissions

Vertical AVG

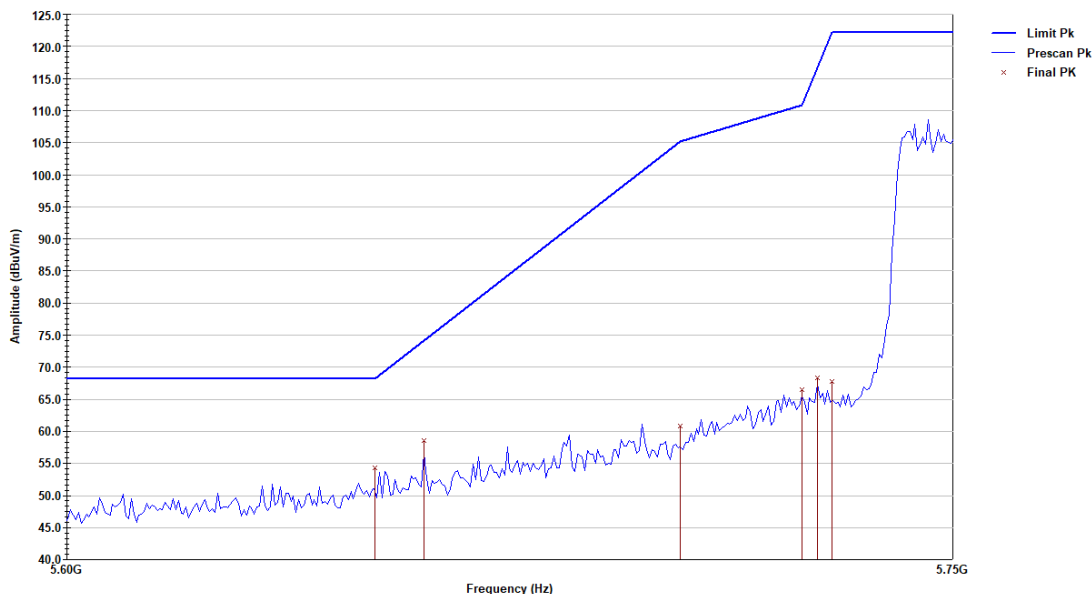
Model # - Alarm.Com / V730

Test Mode - Tx mode, Lower Band-Edge

Operator - AG

Standard - FCC Class B

Comments - 5755MHz, 802.11ax HE40, pwr 64, mcs0



5755 mcs0 64 RE Lower Band-Edge_3117 2042.til

Last Data Update 08:12:21 AM, Friday, August 30, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5650	54.27	8.92	-13.93	68.2	201	199
5658	58.57	8.96	-15.55	74.12	194	164
5700	60.86	9.12	-44.34	105.2	150	130
5720	66.54	9.15	-44.26	110.8	150	148
5722.6	68.27	9.15	-48.46	116.73	241	167
5725	67.81	9.15	-54.39	122.2	342	149

No Average limit is defined for the upper band edge.

High Channel – 5795MHz - both chains transmitting Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Client/Model - Alarm.Com / V730

Radiated Emissions

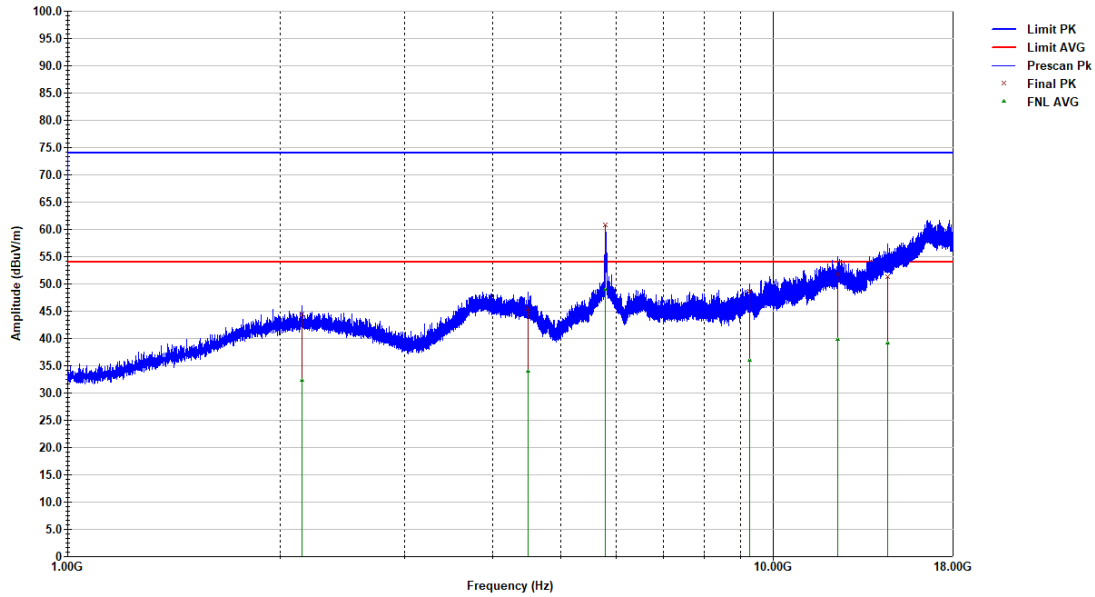
Test Mode - TX, UNII3, 6 GHz HPF

Horizontal AVG

Operator - AG

Standard - FCC 15.407

Comments - 5795 MHz, 802.11ax HE40, mcs0, pwr 64



5795 0 64 RECISPR SW1A NC 3117 2042 w lambda lna AVG 1G-18G 06Feb2024 - Copy.ttl

Last Data Update 08:48:05 PM, Wednesday, August 14, 2024

Peak Data

Freq. (MHz)	Final PK (dBuV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Ant. Height (cm)	Azimuth (deg.)
2150.05	44.51	-1.69	-29.49	74	301	362
4491.375	45.48	5.73	-28.52	74	355	196
5786.35	60.79	9.22	-13.21	74	386	177
9262	48.73	17.85	-25.27	74	155	135
12370.45	51.86	25.91	-22.14	74	279	260
14522.65	51.37	27.44	-22.63	74	217	377

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
2150.05	32.36	0.0	-1.69	-21.64	54	301	362
4491.375	34.05	0.0	5.73	-19.95	54	355	196
5786.35	49.07	0.0	9.22	-4.93	54	386	177
9262	36	0.0	17.85	-18	54	155	135
12370.45	39.78	0.0	25.91	-14.22	54	279	260
14522.65	39.19	0.0	27.44	-14.81	54	217	377

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Client/Model - Alarm.Com / V730

Radiated Emissions

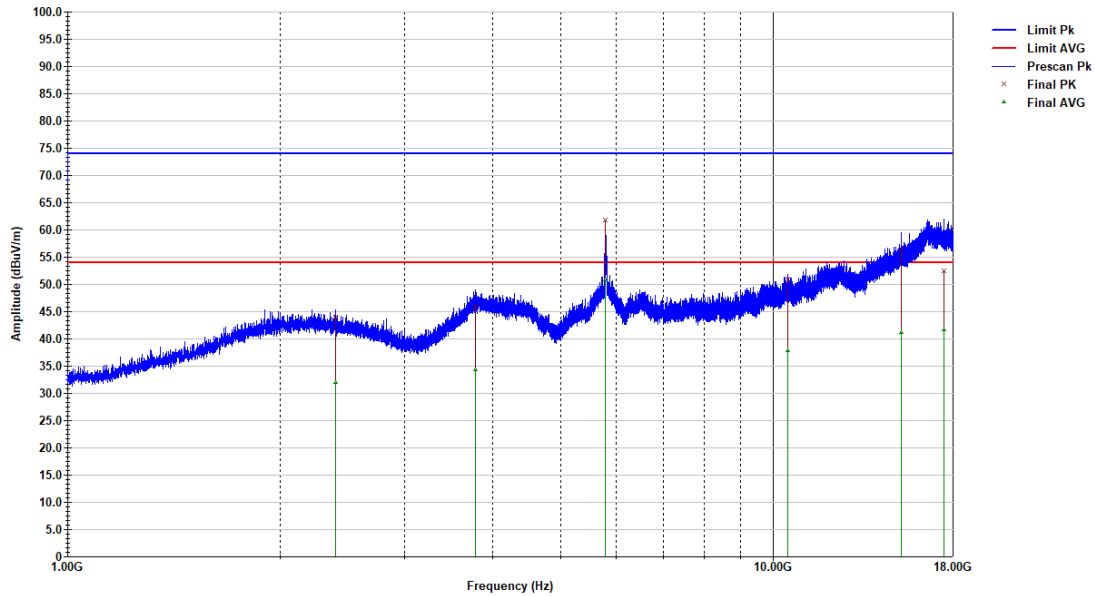
Test Mode - TX, UNII3, 6 GHz HPF

Vertical AVG

Operator - AG

Standard - FCC 15.407

Comments - 5795 MHz, 802.11ax HE40, mcs0, pwr 64



5795 0 64 RECISPR SW1A NC 3117 2042 w lambda lna AVG 1G-18G 06Feb2024 - Copy.ttl

Last Data Update 08:32:19 PM, Wednesday, August 14, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
2399.525	44.01	-0.53	-29.99	74	391	373
3789.275	45.96	3.68	-28.04	74	311	276
5790.6	61.82	9.23	-12.18	74	326	116
10507.67	51.03	20.57	-22.97	74	349	94
15219.22	56.44	28.91	-17.56	74	163	170
17497.23	52.48	32.12	-21.52	74	400	300

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
2399.525	31.96	0.0	-0.53	-22.04	54	391	373
3789.275	34.32	0.0	3.68	-19.68	54	311	276
5790.6	50.88	0.0	9.23	-3.12	54	326	116
10507.67	37.82	0.0	20.57	-16.18	54	349	94
15219.22	41.1	0.0	28.91	-12.9	54	163	170
17497.23	41.62	0.0	32.12	-12.38	54	400	300

Upper band edge Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Model # - Alarm.Com / V730

Radiated Emissions

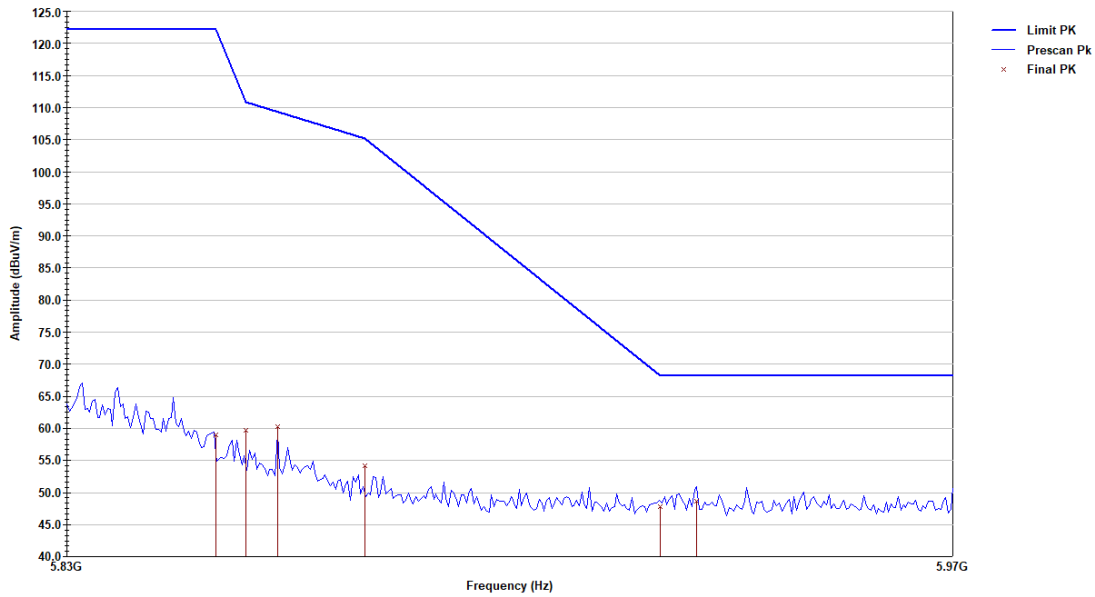
Test Mode - Tx mode, Upper Band-Edge

Horizontal AVG

Operator - AG

Standard - FCC Class B

Comments - 5795MHz, 802.11ax HE40, pwr 64, mcs0



5795 mcs0 64 RE Upper Band-Edge_3117 2042.ttl

Last Data Update 09:03:31 AM, Friday, August 30, 2024

Peak Data

Freq. (MHz)	Final PK (dBuV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Ant. Height (cm)	Azimuth (deg.)
5850	58.92	9.56	-63.28	122.2	378	249
5855	59.74	9.59	-51.06	110.8	248	107
5860.3	60.31	9.63	-49.01	109.32	247	105
5875	54.15	9.73	-51.05	105.2	155	130
5925	47.76	9.97	-20.44	68.2	386	-20
5931.275	48.68	10	-19.52	68.2	371	63

No Average limit is defined for the upper band edge.

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Radiated Emissions

Vertical AVG

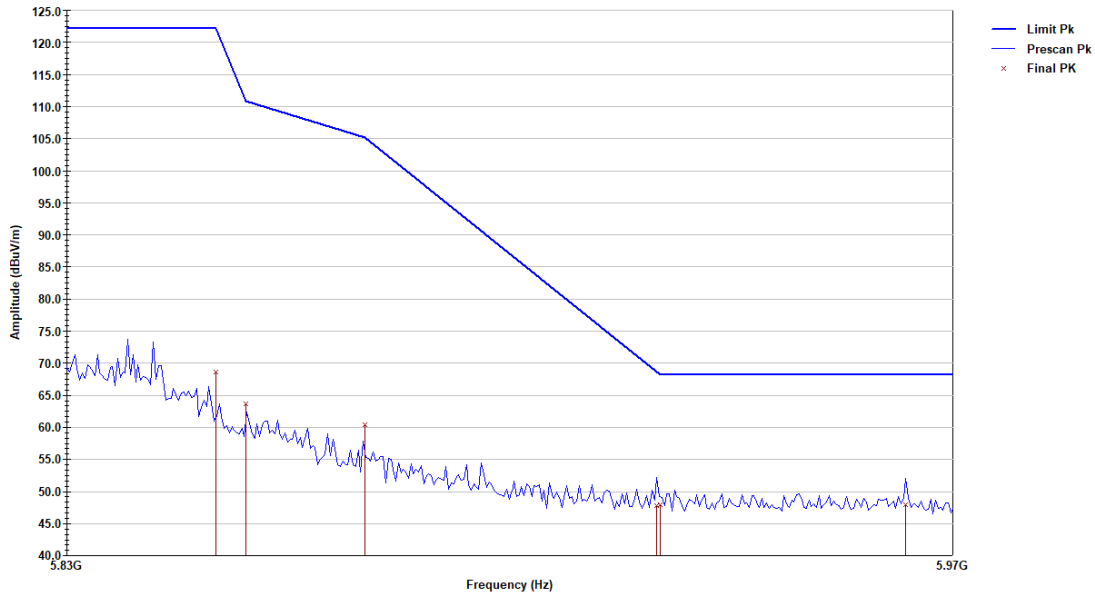
Model # - Alarm.Com / V730

Test Mode - Tx mode, Upper Band-Edge

Operator - AG

Standard - FCC Class B

Comments - 5795MHz, 802.11ax HE40, pwr 64, mcs0



5795 mcs0 64 RE Upper Band-Edge_3117 2042.til

Last Data Update 08:51:14 AM, Friday, August 30, 2024

Peak Data

Freq. (MHz)	Final PK (dBuV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Ant. Height (cm)	Azimuth (deg.)
5850	68.6	9.56	-53.6	122.2	163	158
5855	63.66	9.59	-47.14	110.8	171	124
5875	60.45	9.73	-44.75	105.2	257	167
5924.475	47.73	9.97	-20.85	68.59	304	-20
5925	47.98	9.97	-20.22	68.2	150	155
5966.975	47.95	10.02	-20.25	68.2	334	184

No Average limit is defined for the upper band edge.

UNII3: 802.11ax80

30 to 1000 MHz Mid Channel – 5775MHz - both chains transmitting Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Radiated Emissions

Horizontal QP

Customer / Model # - Alarm.Com / V730

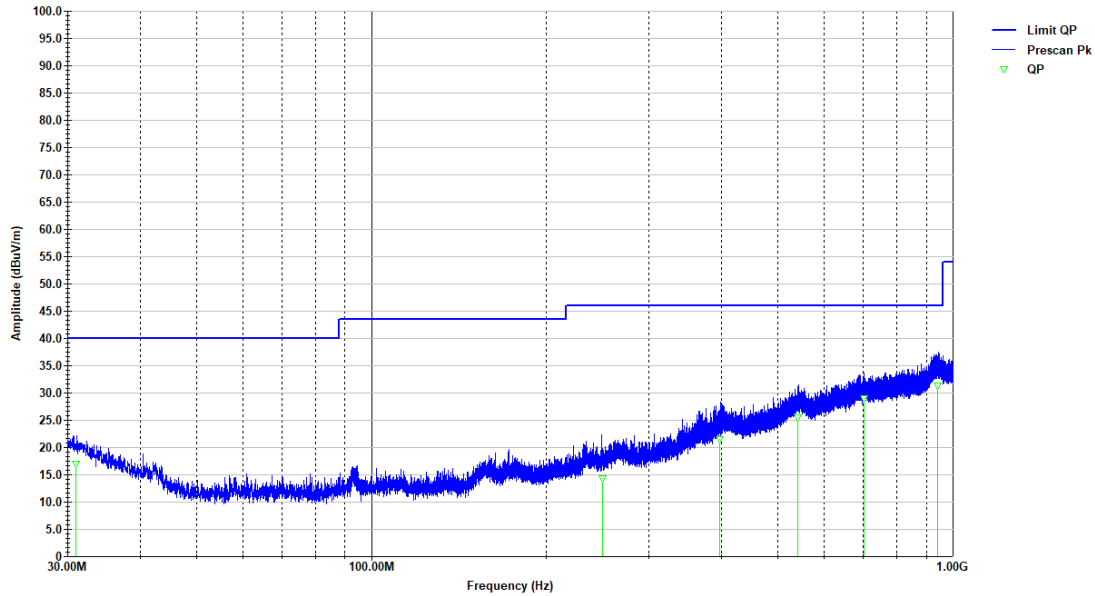
Serial # - N/A

Test Mode - TX

Operator - AG

Standard - FCC 15.407

Comments - 5775MHz, 802.11ax HE80, mcs2, pwr 64



5775 mcs2 64 FCC 15.407 RE 30M-1GHz.ttl

Last Data Update 04:07:41 PM, Monday, August 12, 2024

Quasi-Peak Data

Freq. (MHz)	Final QP (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
30.96	17.03	-21.75	-22.97	40	295	62
249.862	14.35	-24.47	-31.67	46.02	161	85
396.434	21.47	-18.79	-24.55	46.02	302	173
541.372	25.44	-13.88	-20.58	46.02	374	273
702.168	29.05	-11.8	-16.97	46.02	382	229
941.839	31.3	-8.3	-14.72	46.02	255	46

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Radiated Emissions

Vertical QP

Customer / Model # - Alarm.Com / V730

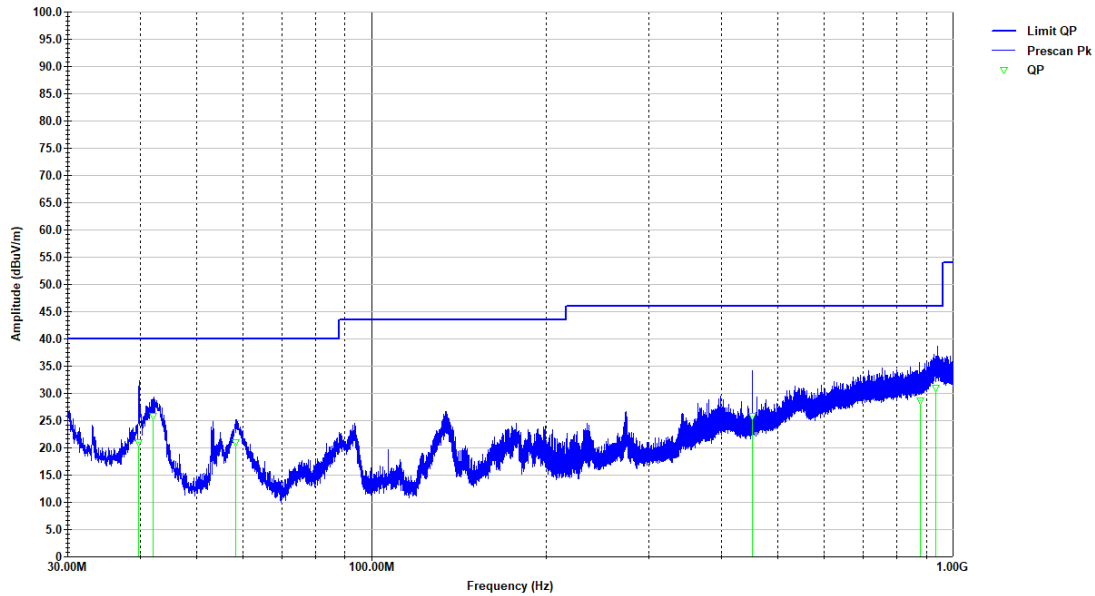
Serial # - N/A

Test Mode - TX

Operator - AG

Standard - FCC 15.407

Comments - 5775MHz, 802.11ax HE80, mcs2, pwr 64



5775 mcs2 64 FCC 15.407 RE 30M-1GHz.ttl

Last Data Update 03:51:29 PM, Monday, August 12, 2024

Quasi-Peak Data

Freq. (MHz)	Final QP (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
39.742	20.97	-26.86	-19.03	40	114	24
42.089	25.79	-28.1	-14.21	40	100	-10
58.46	20.92	-30.46	-19.08	40	145	244
452.045	25.82	-18.36	-20.2	46.02	106	227
879.087	28.69	-11.17	-17.33	46.02	249	289
935.643	31.08	-8.35	-14.94	46.02	106	277

1 to 18 GHz Mid Channel – 5775MHz - both chains transmitting

Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Radiated Emissions

Horizontal AVG

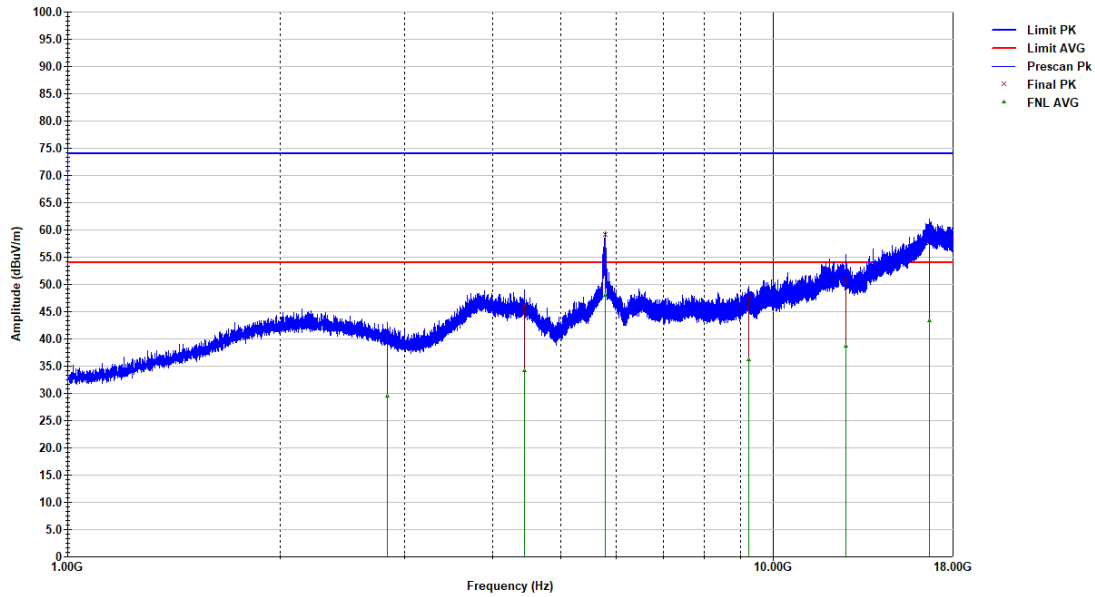
Client/Model - Alarm.Com / V730

Test Mode - TX, UNII3, 6 GHz HPF

Operator - AG

Standard - FCC 15.407

Comments - 5775 MHz, 802.11ax HE80, mcs2, pwr 64



5775 mcs2 64 RECISPR SW1A NC 3117 2042 w lambda lna AVG 1G-18G 06Feb2024.ttl

Last Data Update 09:44:05 PM, Wednesday, August 14, 2024

Peak Data

Freq. (MHz)	Final PK (dBuV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Ant. Height (cm)	Azimuth (deg.)
2838.125	40.79	1.67	-33.21	74	355	52
4446.325	45.97	5.64	-28.03	74	263	271
5788.475	59.13	9.22	-14.87	74	340	166
9235.225	47.67	17.69	-26.33	74	286	361
12704.92	50.96	26.13	-23.04	74	377	285
16675.27	57.73	33.62	-16.27	74	240	333

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
2838.125	29.56	0.0	1.67	-24.44	54	355	52
4446.325	34.21	0.0	5.64	-19.79	54	263	271
5788.475	47.92	0.0	9.22	-6.08	54	340	166
9235.225	36.08	0.0	17.69	-17.92	54	286	361
12704.92	38.61	0.0	26.13	-15.39	54	377	285
16675.27	43.39	0.0	33.62	-10.61	54	240	333

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Radiated Emissions

Vertical AVG

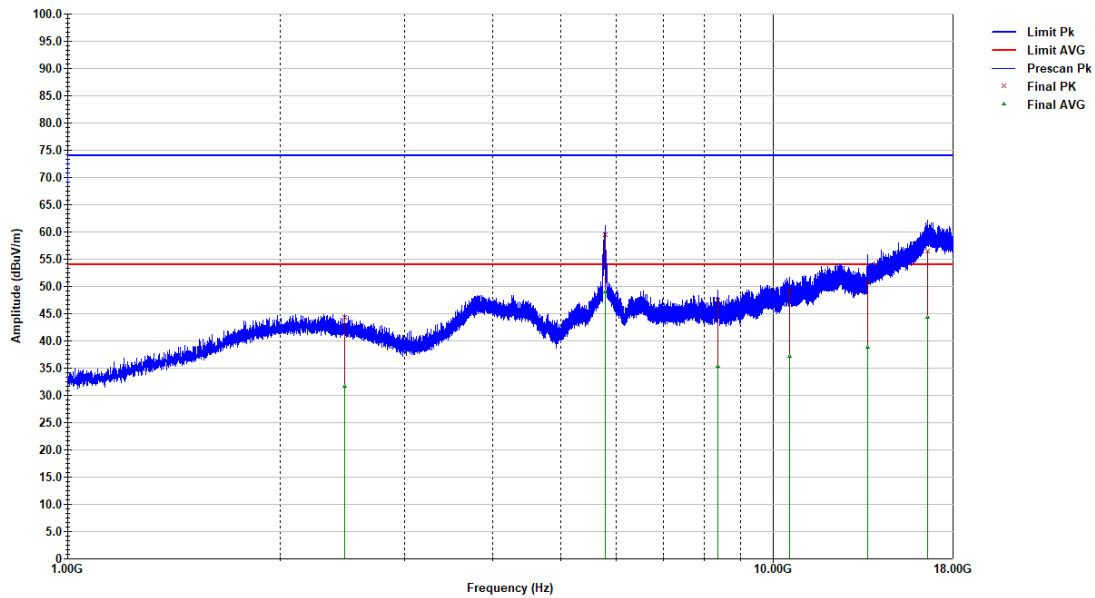
Client/Model - Alarm.Com / V730

Test Mode - TX, UNII3, 6 GHz HPF

Operator - AG

Standard - FCC 15.407

Comments - 5775 MHz, 802.11ax HE80, mcs2, pwr 64



5775 mcs2 64 RECISPR SW1A NC 3117 2042 w lambda Ina AVG 1G-18G 06Feb2024.ttl

Last Data Update 09:26:29 PM, Wednesday, August 14, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
2468.375	44.25	-0.19	-29.75	74	236	338
5776.15	59.44	9.18	-14.56	74	303	178
8347.4	47.42	15.66	-26.58	74	249	196
10554.85	49.29	20.58	-24.71	74	202	239
13608.47	50.85	26.29	-23.15	74	400	168
16566.9	56.43	33.39	-17.57	74	303	128

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
2468.375	31.67	0.0	-0.19	-22.33	54	236	338
5776.15	48.91	0.0	9.18	-5.09	54	303	178
8347.4	35.29	0.0	15.66	-18.71	54	249	196
10554.85	37.13	0.0	20.58	-16.87	54	202	239
13608.47	38.79	0.0	26.29	-15.21	54	400	168
16566.9	44.31	0.0	33.39	-9.69	54	303	128

Lower band edge Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Model # - Alarm.Com / V730

Test Mode - Tx mode, Lower Band-Edge

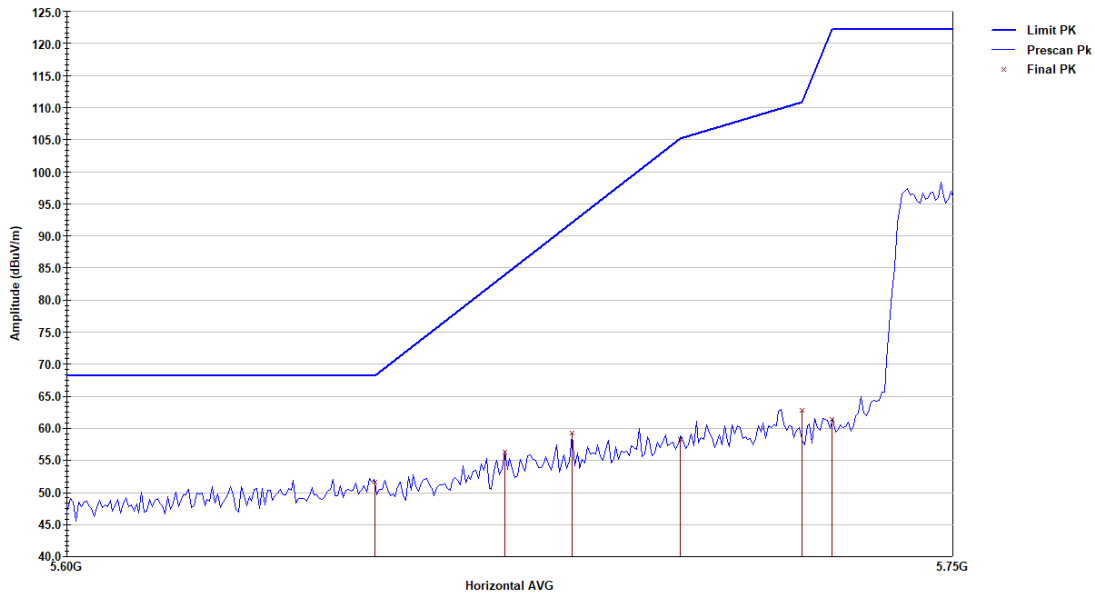
Radiated Emissions

Operator - AG

Horizontal AVG

Standard - FCC Class B

Comments - 5775MHz, 802.11ax HE80, pwr 64, mcs2



5775 mcs2 64 RE Lower Band-Edge_3117 2042.ttl

Last Data Update 09:42:14 AM, Friday, August 30, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5650	51.63	8.92	-16.57	68.2	179	226
5671.175	56.34	9.02	-27.53	83.87	150	243
5682.225	59.29	9.07	-32.76	92.05	240	231
5700	58.2	9.12	-47	105.2	232	225
5720	62.85	9.15	-47.95	110.8	363	249
5725	61.36	9.15	-60.84	122.2	232	219

No Average limit is defined for the upper band edge.

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Radiated Emissions

Vertical AVG

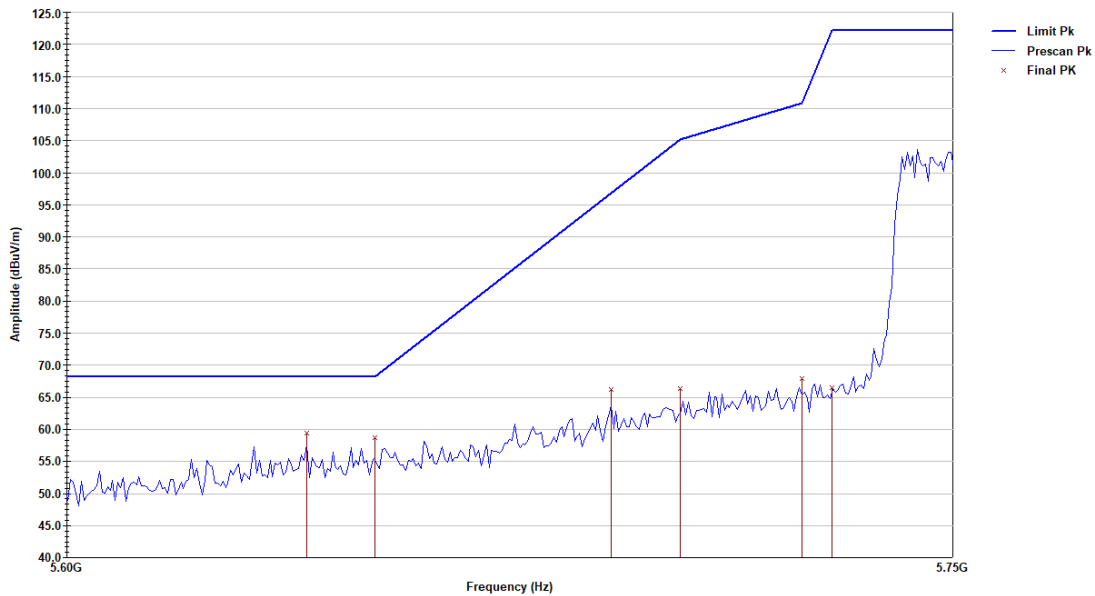
Model # - Alarm.Com / V730

Test Mode - Tx mode, Lower Band-Edge

Operator - AG

Standard - FCC Class B

Comments - 5775MHz, 802.11ax HE80, pwr 64, mcs2



5775 mcs2 64 RE Lower Band-Edge_3117 2042.til

Last Data Update 09:28:35 AM, Friday, August 30, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5638.875	59.41	8.78	-8.79	68.2	150	172
5650	58.73	8.92	-9.47	68.2	150	178
5688.6	66.17	9.09	-30.6	96.76	150	166
5700	66.33	9.12	-38.87	105.2	210	237
5720	67.96	9.15	-42.84	110.8	150	164
5725	66.49	9.15	-55.71	122.2	163	183

No Average limit is defined for the upper band edge.

Upper band edge Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Model # - Alarm.Com / V730

Radiated Emissions

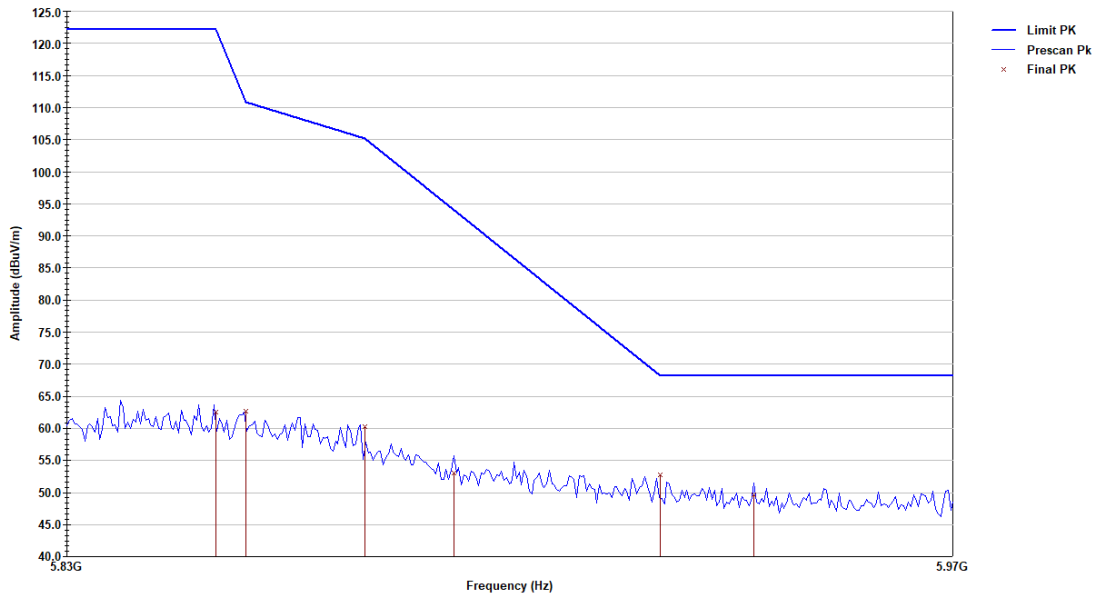
Test Mode - Tx mode, Upper Band-Edge

Horizontal AVG

Operator - AG

Standard - FCC Class B

Comments - 5775MHz, 802.11ax HE80, pwr 64, mcs2



5775 mcs2 64 RE Upper Band-Edge_3117 2042.ttl

Last Data Update 10:29:46 AM, Friday, August 30, 2024

Peak Data

Freq. (MHz)	Final PK (dBuV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Ant. Height (cm)	Azimuth (deg.)
5850	62.45	9.56	-59.75	122.2	370	255
5855	62.63	9.59	-48.17	110.8	327	220
5875	60.3	9.73	-44.9	105.2	150	132
5890.05	53.02	9.81	-41.05	94.06	218	205
5925	52.72	9.97	-15.48	68.2	248	97
5941.05	49.56	10.04	-18.64	68.2	171	205

No Average limit is defined for the upper band edge.

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Model # - Alarm.Com / V730

Radiated Emissions

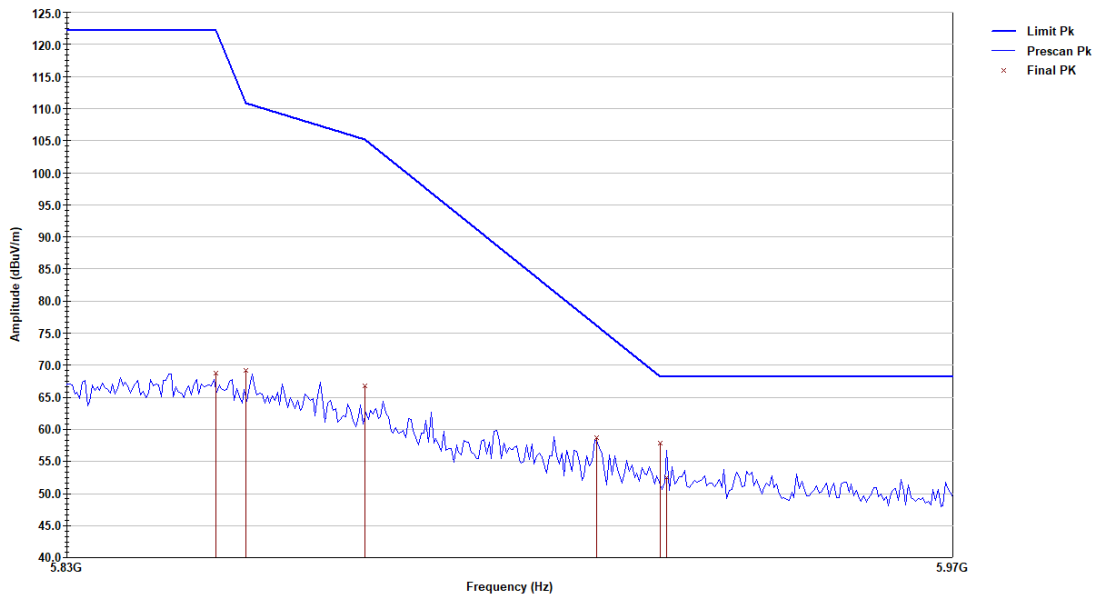
Test Mode - Tx mode, Upper Band-Edge

Vertical AVG

Operator - AG

Standard - FCC Class B

Comments - 5775MHz, 802.11ax HE80, pwr 64, mcs2



5775 mcs2 64 RE Upper Band-Edge_3117 2042.til

Last Data Update 10:18:12 AM, Friday, August 30, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5850	68.71	9.56	-53.49	122.2	178	176
5855	69.18	9.59	-41.62	110.8	163	149
5875	66.84	9.73	-38.36	105.2	163	125
5914.275	58.71	9.92	-17.43	76.14	150	178
5925	57.78	9.97	-10.42	68.2	179	129
5926.175	52.42	9.98	-15.78	68.2	295	380

No Average limit is defined for the upper band edge.

6 Power Spectral Density

6.1 Test Result

Test Description	Test Specification	Test Result
Power Spectral Density	15.407(a)(1)(iv), (a)(2), (a)(3)(i) / RSS-247 6.2.1.1, 6.2.2.1, 6.2.3.1, 6.2.4.2	Compliant

6.2 Test Method

1. Place the EUT on the table and set it in transmitting mode.
2. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules.
3. Remove the antenna from the EUT and then connect a low loss RF cable from the Antenna port to the spectrum analyzer.
4. For UNII1, UNII2a and UNII2c band:
Set the spectrum analyzer to RBW = 1 MHz, VBW = 3 x RBW, where the span is enough to capture the entire bandwidth, Sweep time = Auto, Detector = power averaging (rms), if available. Otherwise use sample detector mode, traces 100 sweeps of video averaging. (SA-2 with the omission of procedure x, the integration with 26dB EBW bandwidth).
For UNII3 band:
Set the spectrum analyzer to RBW = 300 kHz, VBW = 1 MHz RBW, where the span is enough to capture the entire bandwidth, Sweep time = Auto, Detector = power averaging (rms), if available. Otherwise use sample detector mode, traces 100 sweeps of video averaging.
In addition, measurement bandwidth of Maximum PSD is specified in 500 kHz, add 10log (500 kHz/RBW) to the measurement result.
5. Set the cursor on spectrum to peak search the highest level of trace.
6. (1) Duty cycle $\geq 98\%$: Record the max reading
(2) Duty cycle $< 98\%$: Record the max reading and add 10 log (1/duty cycle)
7. Repeat above procedures until all the default channel (low/mid/high) is completed.

The antenna gain is not greater than 6 dBi, therefore reduction of power is not required.

The FCC limits are as following:

Operation Bands	EUT CATEGORY		e-CRF Title 47 §15.407 Power Spectral Density	Antenna Directional Gain Requirements
U-NII-1		Outdoor Access Point (Master)	1. 17dBm/ MHz 2. EIRP<=125mW(21dBm) at any elevation angle > 30°	6dBi
		Indoor Access Point (Master)	17dBm / MHz	6dBi
		Fixed point-to-point Access Point	17dBm / MHz	23dBi
	V	Client device	11dBm / MHz	6dBi
U-NII-2A	V	All	11dBm / MHz	6dBi
U-NII-2C	V	All	11dBm / MHz	6dBi
U-NII-3	V	All	30dBm / 500kHz	6dBi
U-NII-4		Indoor AP	20dBm / MHz e.i.r.p.	Not required
		indoor client	14dBm / MHz e.i.r.p.	Not required
		subordinate device	20dBm / MHz e.i.r.p.	Not required
If transmitting antennas of directional gain greater than the antenna requirements column, the Maximum transmit power shall be reduced by the amount in dB that the direction-al gain of the antenna.				

The ISSED limits are as following:

Operating Frequency / (MHz)	Device type and rule part	Power spectral density	
		RF port	EIRP
5150 - 5250	RSS-247 Indoor Only	N/A	N/A (^)
5250 - 5350	RSS-247	11 dBm/1MHz	N/A
5470 – 5725 (*)	RSS-247	11 dBm/1MHz	N/A
5725 - 5850	RSS-247	30 dBm/500kHz	N/A

(^) Customer is disabling UNII1 band for devices used in Canada.

(*) No operation allowed in the 5600 – 5650 MHz frequency range

6.3 Test Site

EMC Laboratory, San Diego, CA

Environmental Conditions

Temperature: 20 – 25 °C

Relative Humidity: 35 – 50 %

6.4 Test Equipment

Test Dates:

August 02, 2024 - January 22, 2025

Tester: Alex Chang, Andreas Gillmeier

Asset No.	Type of Equipment	Model	Serial No.	Manufacturer	Cal Date	Cal Due Date
Conducted Testing						
2003	Signal Analyzer	N9030B	MY61330812	Keysight	01/29/2024	01/29/2025
#2	RF Cable	W60-1524.1195.00	N/A	Unknown	N/A (verified before use)	
-	20 dB Attenuator	3M-20	93495	WEINSCHTEL	N/A (verified before use)	
-	Power Splitter	ZN2PD2-63-S+	SUU71801931	Mini-Circuits	N/A (verified before use)	
-	Test Software	Radio Test Software	v.23	SGS Taiwan	N/A	
2036	Temp/Humidity Data Logger	GSP-8	CMA231100002	Elitech	09/07/2024	09/07/2025

6.5 Test Setup Photographs

Test setup photographs are located in a separate report (208949-8).

6.6 Test Data

UNII1

Mode	Frequency (MHz)	Power Level	Data Rate (Mbps)	Duty Cycle Correction (dB)	Power Spectral Density (dBm/MHz) (including Duty Cycle Correction)		Verdict
					Both Antennas Combined	Limit FCC	
802.11a NOHT	5180	55	12	0	9.316	11	Pass
	5200	56	12	0	9.475	11	Pass
	5240	55	9	0	9.391	11	Pass
802.11 n20	5180	59	mcs7	0	8.039	11	Pass
	5200	58	mcs2	0	9.273	11	Pass
	5240	59	mcs2	0	9.342	11	Pass
802.11 n40	5190	55	mcs6	0	4.303	11	Pass
	5230	64	mcs1	0	7.554	11	Pass
802.11 ac20	5180	59	mcs6	0	7.895	11	Pass
	5200	62	mcs2	0	9.418	11	Pass
	5240	63	mcs2	0	9.335	11	Pass
802.11 ac40	5190	55	mcs5	0	4.172	11	Pass
	5230	64	mcs1	0	7.426	11	Pass
802.11 ac80	5210	58	mcs3	0	3.294	11	Pass

802.11 ax20	5180	59	mcs7	0	8.379	11	Pass
	5200	66	mcs1	0	8.976	11	Pass
	5240	66	mcs1	0	8.965	11	Pass
802.11 ax40	5190	55	mcs5	0	4.533	11	Pass
	5230	64	mcs0	0	6.455	11	Pass
802.11 ax80	5210	58	mcs3	0	3.119	11	Pass

EIRP calculation not done as customer is disabling UNII1 band for devices used in Canada.

UNII2a

Mode	Frequency (MHz)	Power Level	Data Rate (Mbps)	Duty Cycle Correction (dB)	Power Spectral Density (dBm/MHz) (including Duty Cycle Correction)		Verdict
					Both Antennas Combined	Limit FCC	
802.11a NOHT	5260	54	12	0	9.296	11	Pass
	5280	54	9	0	9.484	11	Pass
	5320	56	18	0	9.366	11	Pass
802.11 n20	5260	58	mcs1	0	9.448	11	Pass
	5280	60	mcs1	0	9.45	11	Pass
	5320	56	mcs7	0	6.875	11	Pass
802.11 n40	5270	64	mcs2	0	7.016	11	Pass
	5310	53	mcs7	0	3.29	11	Pass
802.11 ac20	5260	62	mcs1	0	9.291	11	Pass
	5280	64	mcs1	0	9.22	11	Pass
	5320	56	mcs7	0	6.84	11	Pass
802.11 ac40	5270	64	mcs2	0	7.171	11	Pass
	5310	53	mcs5	0	3.387	11	Pass
802.11 ac80	5290	56	mcs5	0	1.395	11	Pass
802.11 ax20	5260	66	mcs0	0	9.45	11	Pass
	5280	66	mcs0	0	9.441	11	Pass
	5320	59	mcs7	0	6.924	11	Pass
802.11 ax40	5270	64	mcs2	0	5.731	11	Pass
	5310	53	mcs6	0	3.77	11	Pass
802.11 ax80	5290	56	mcs5	0	1.689	11	Pass

UNII2c

Mode	Frequency (MHz)	Power Level	Data Rate (Mbps)	Duty Cycle Correction (dB)	Power Spectral Density (dBm/MHz) (including Duty Cycle Correction)		Verdict
					Both Antennas Combined	Limit	
802.11a NOHT	5500	66	12	0	9.354	11	Pass
	5600	66	12	0	7.368	11	Pass
	5720	66	9	0	8.054	11	Pass
802.11n20	5500	57	mcs6	0	8.721	11	Pass
	5600	66	mcs2	0	9.471	11	Pass
	5720	62	mcs1	0	9.309	11	Pass
802.11n40	5510	58	mcs5	0	5.87	11	Pass
	5590	64	mcs0	0	7.177	11	Pass
	5710	64	mcs0	0	7.02	11	Pass
802.11ac20	5500	57	mcs6	0	8.752	11	Pass
	5600	66	mcs1	0	8.671	11	Pass
	5720	66	mcs1	0	9.407	11	Pass
802.11ac40	5510	58	mcs5	0	5.843	11	Pass
	5590	64	mcs0	0	6.881	11	Pass
	5710	64	mcs0	0	6.987	11	Pass
802.11ac80	5530	58	mcs5	0	3.026	11	Pass
	5610	64	mcs2	0	3.785	11	Pass
	5690	64	mcs0	0	3.649	11	Pass
802.11ax20	5500	57	mcs5	0	8.635	11	Pass
	5600	66	mcs0	0	8.96	11	Pass
	5720	66	mcs0	0	9.44	11	Pass
802.11ax40	5510	58	mcs5	0	6.29	11	Pass
	5590	64	mcs0	0	5.541	11	Pass
	5710	64	mcs0	0	6.108	11	Pass
802.11ax80	5530	58	mcs3	0	3.675	11	Pass
	5610	64	mcs2	0	4.024	11	Pass
	5690	64	mcs1	0	3.519	11	Pass

Customer is disabling operation from 5600 5650 MHz for devices used in Canada.

UNII3

Mode	Frequency (MHz)	Power Level	Data Rate (Mbps)	Duty Cycle Correction (dB)	Power Spectral Density (including Duty Cycle Correction)				Verdict
					Both Antennas Combined (dBm/300kHz)	Correction from dBm/300kHz to dBm/500kHz	Both Antennas Combined (dBm/500kHz)	Limit	
802.11a NOHT	5745	66	12	0	6.678	2.218	8.896	30	Pass
	5785	66	12	0	6.738	2.218	8.956	30	Pass
	5825	66	12	0	6.239	2.218	8.457	30	Pass
802.11 n20	5745	66	mcs2	0	5.954	2.218	8.172	30	Pass
	5785	66	mcs1	0	5.876	2.218	8.094	30	Pass
	5825	66	mcs2	0	6.483	2.218	8.701	30	Pass
802.11 n40	5755	64	mcs0	0	2.557	2.218	4.775	30	Pass
	5795	64	mcs0	0	2.823	2.218	5.041	30	Pass
802.11 ac20	5745	66	mcs2	0	6.002	2.218	8.22	30	Pass
	5785	66	mcs2	0	6.089	2.218	8.307	30	Pass
	5825	66	mcs1	0	5.57	2.218	7.788	30	Pass
802.11 ac40	5755	64	mcs1	0	2.653	2.218	4.871	30	Pass
	5795	64	mcs0	0	3.152	2.218	5.37	30	Pass
802.11 ac80	5775	64	mcs2	0	-0.239	2.218	1.979	30	Pass
802.11 ax20	5745	66	mcs0	0	5.955	2.218	8.173	30	Pass
	5785	66	mcs0	0	5.958	2.218	8.176	30	Pass
	5825	66	mcs0	0	6.556	2.218	8.774	30	Pass
802.11 ax40	5755	64	mcs0	0	2.405	2.218	4.623	30	Pass
	5795	64	mcs0	0	3.35	2.218	5.568	30	Pass
802.11 ax80	5775	64	mcs2	0	-0.129	2.218	2.089	30	Pass

UNII1 (combined (both chains)):

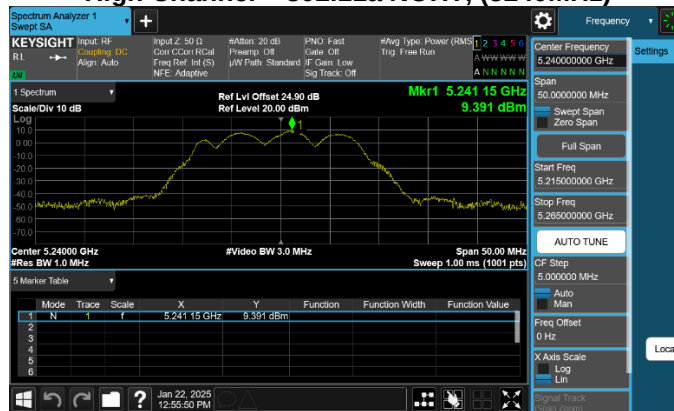
Low Channel – 802.11a NOHT, (5180MHz)



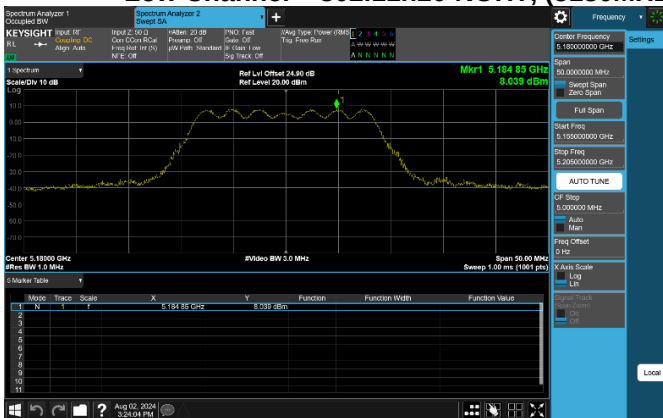
Mid Channel – 802.11a NOHT, (5200MHz)



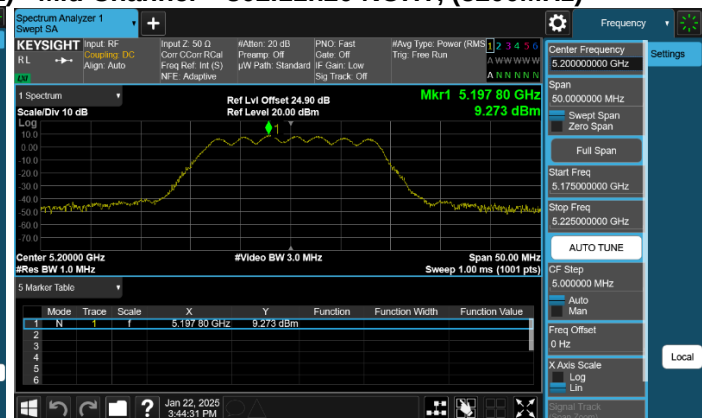
High Channel – 802.11a NOHT, (5240MHz)



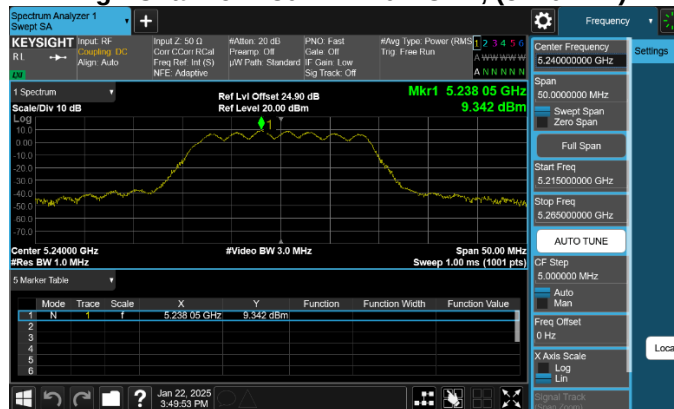
Low Channel – 802.11n20 NOHT, (5180MHz)



Mid Channel – 802.11n20 NOHT, (5200MHz)



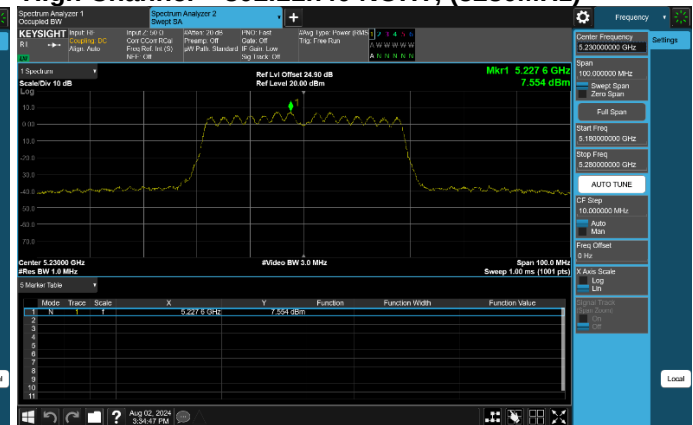
High Channel – 802.11n20 NOHT, (5240MHz)



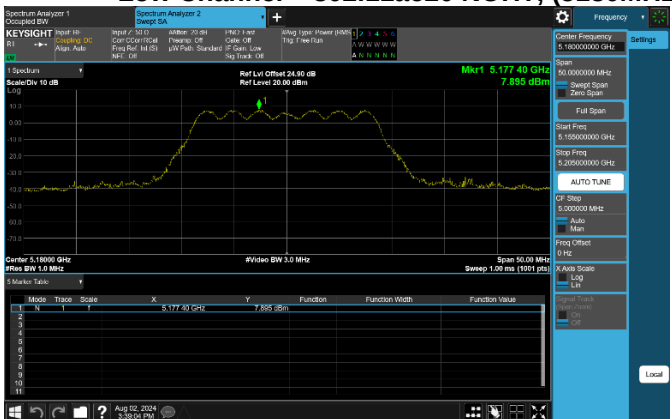
Low Channel – 802.11n40 NOHT, (5190MHz)



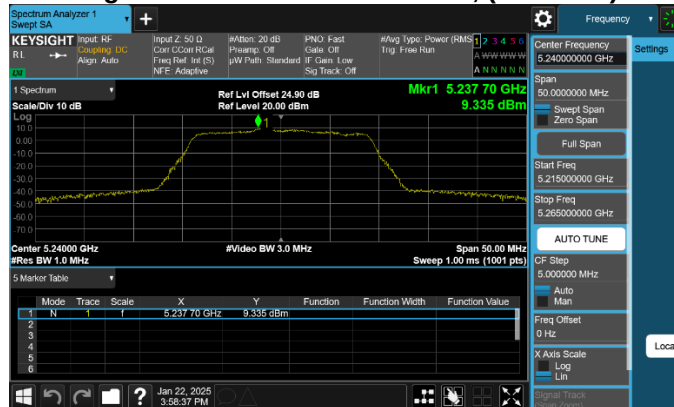
High Channel – 802.11n40 NOHT, (5230MHz)



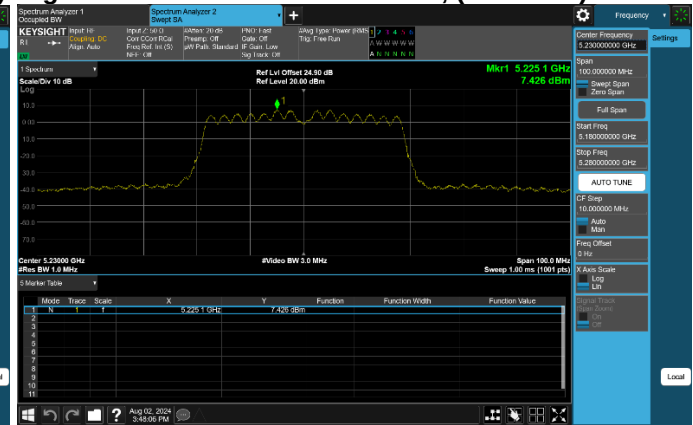
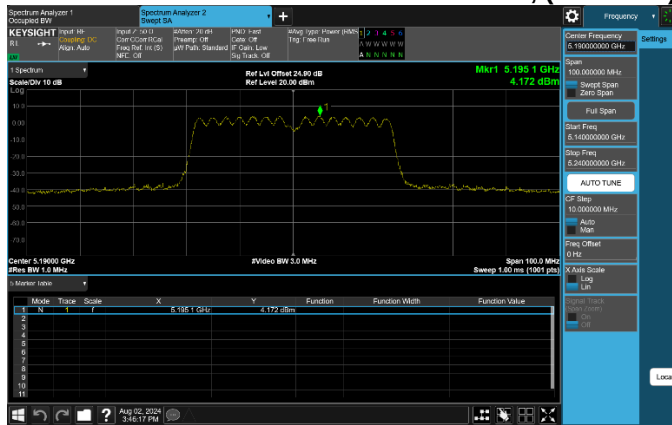
Low Channel – 802.11ac20 NOHT, (5180MHz) Mid Channel – 802.11ac20 NOHT, (5200MHz)



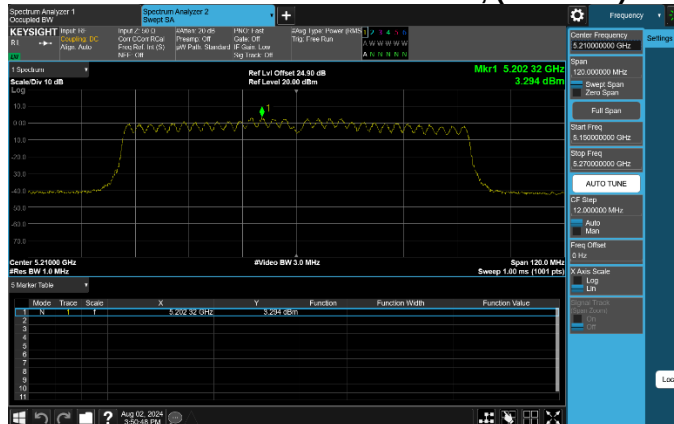
High Channel – 802.11ac NOHT, (5240MHz)



Low Channel – 802.11ac40 NOHT, (5190MHz) High Channel – 802.11ac40 NOHT, (5230MHz)



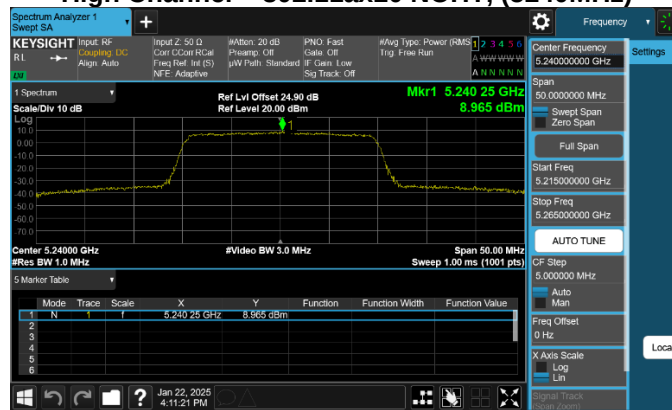
Mid Channel – 802.11ac80 NOHT, (5210MHz)



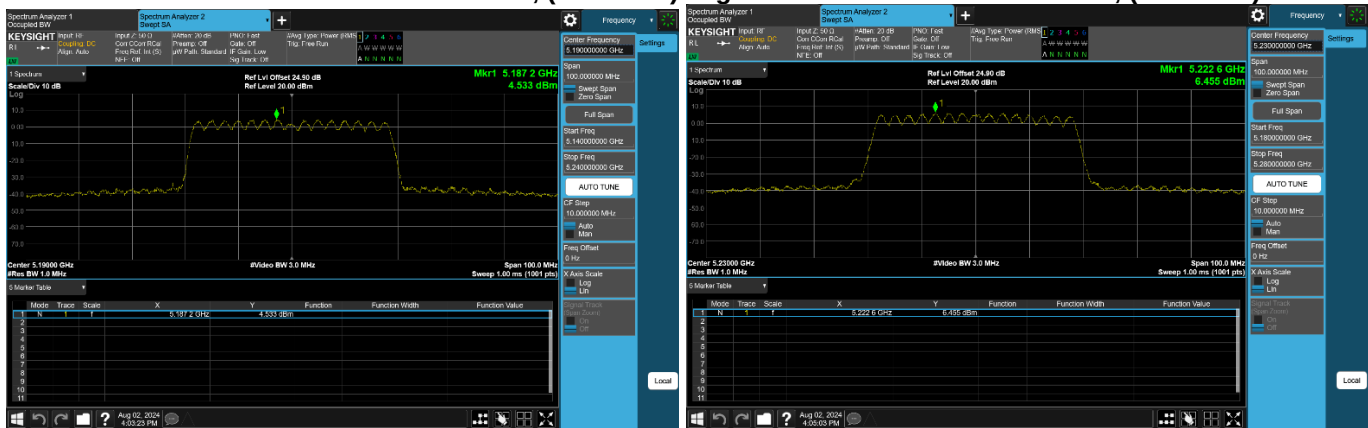
Low Channel – 802.11ax20 NOHT, (5180MHz) Mid Channel – 802.11ax20 NOHT, (5200MHz)



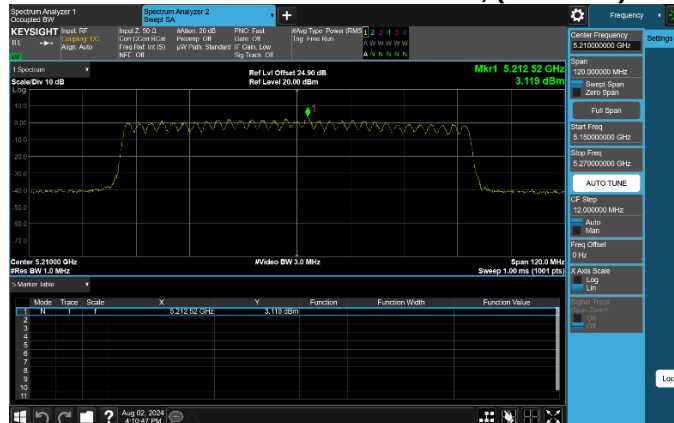
High Channel – 802.11ax20 NOHT, (5240MHz)



Low Channel – 802.11ax40 NOHT, (5190MHz) High Channel – 802.11ax40 NOHT, (5230MHz)

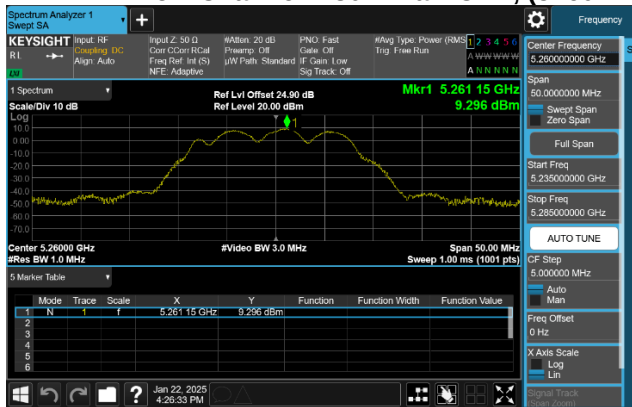


Mid Channel – 802.11ax80 NOHT, (5210MHz)



UNII2a (combined (both chains)):

Low Channel – 802.11a NOHT, (5260MHz)



Mid Channel – 802.11a NOHT, (5280MHz)



High Channel – 802.11a NOHT, (5320MHz)

