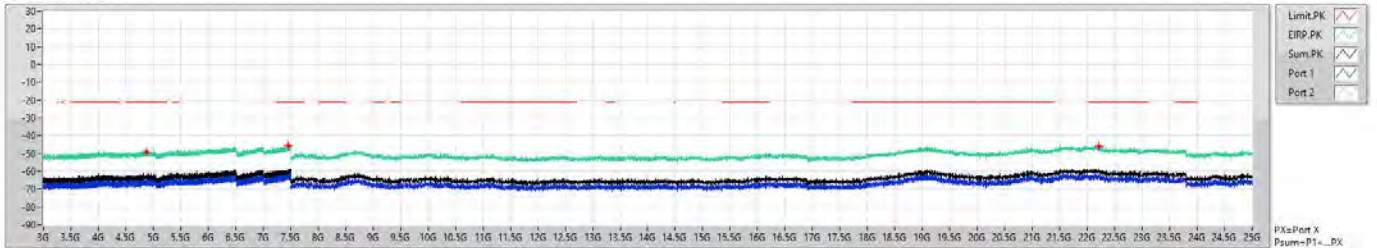


802.11b_Nss1,(1Mbps)_2TX

2437MHz

CSE [PK]

05/05/2022



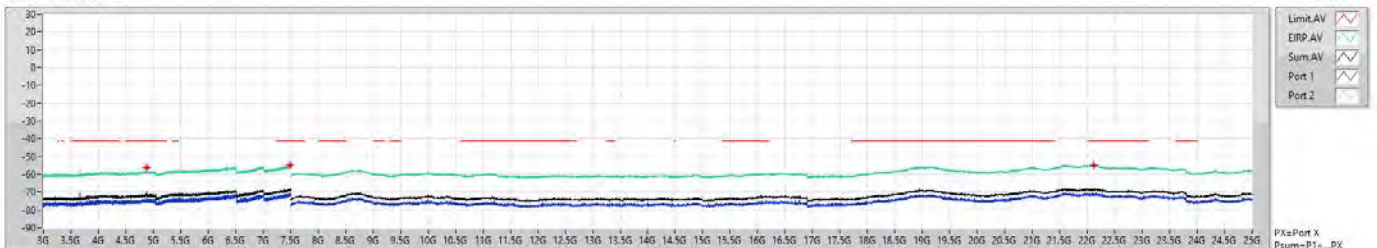
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
3G	7.5G	1M	PK	4.87425G	-49.11	-21.20	-27.91	13.00	0.00	-52.11	-65.59	-64.70
3G	7.5G	1M	PK	7.46515G	-45.36	-21.20	-24.16	13.00	0.00	-56.36	-61.56	-61.41
7.5G	25G	1M	PK	22.20439G	-45.82	-21.20	-24.62	13.00	0.00	-58.82	-63.10	-60.70

802.11b_Nss1,(1Mbps)_2TX

2437MHz

CSE [AV]

05/05/2022



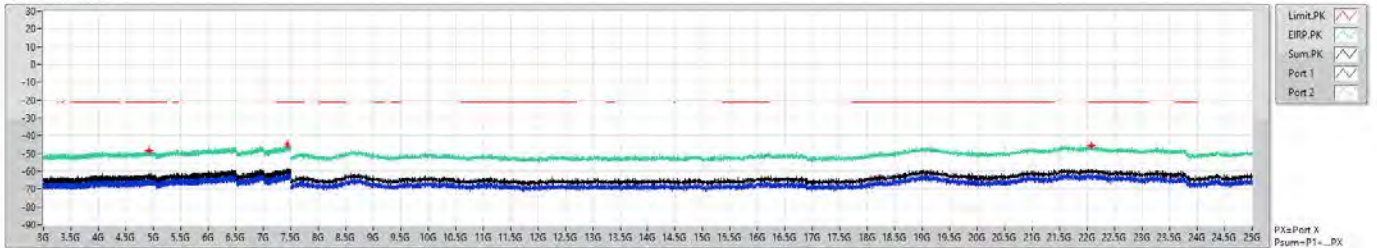
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
3G	7.5G	1M	AV	4.87369G	-56.18	-41.20	-14.98	13.00	0.00	-69.18	-73.24	-71.34
3G	7.5G	1M	AV	7.46706G	-54.81	-41.20	-13.61	13.00	0.00	-67.81	-70.44	-71.37
7.5G	25G	1M	AV	22.11906G	-54.91	-41.20	-13.71	13.00	0.00	-67.91	-71.20	-70.66

802.11b_Nss1,(1Mbps)_2TX

2462MHz

CSE [PK]

05/05/2022



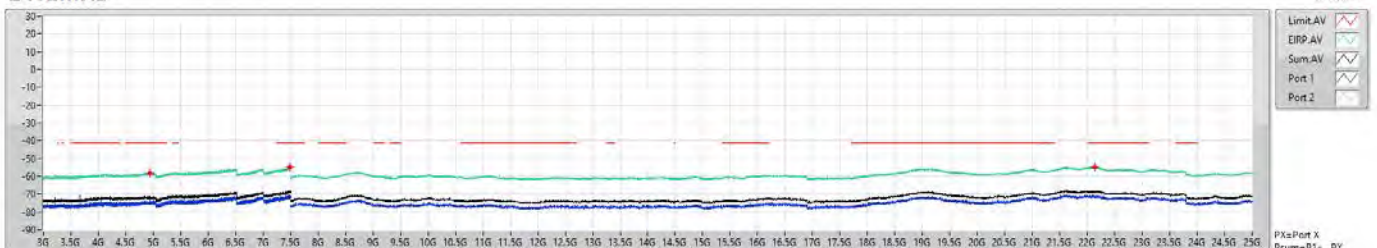
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
3G	7.5G	1M	PK	4.9215G	-48.43	-21.20	-27.23	13.00	0.00	-51.43	-67.29	-62.73
3G	7.5G	1M	PK	7.44881G	-45.07	-21.20	-23.87	13.00	0.00	-58.02	-60.74	-61.55
7.5G	25G	1M	PK	22.07094G	-45.57	-21.20	-24.37	13.00	0.00	-58.57	-60.30	-63.41

802.11b_Nss1,(1Mbps)_2TX

2462MHz

CSE [AV]

05/05/2022



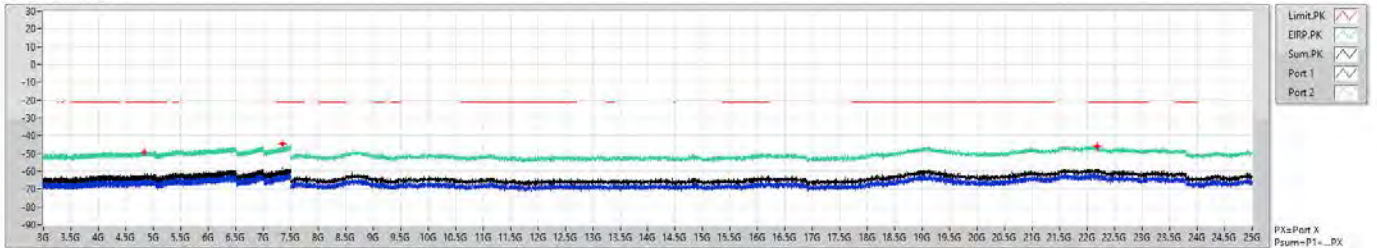
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
3G	7.5G	1M	AV	4.94175G	-58.13	-41.20	-16.93	13.00	0.00	-71.13	-73.62	-74.74
3G	7.5G	1M	AV	7.49525G	-55.04	-41.20	-13.84	13.00	0.00	-68.04	-70.78	-71.83
7.5G	25G	1M	AV	22.13219G	-55.05	-41.20	-13.85	13.00	0.00	-68.05	-71.63	-70.56

802.11g_Nss1,(6Mbps)_2TX

2412MHz

CSE [PK]

05/05/2022



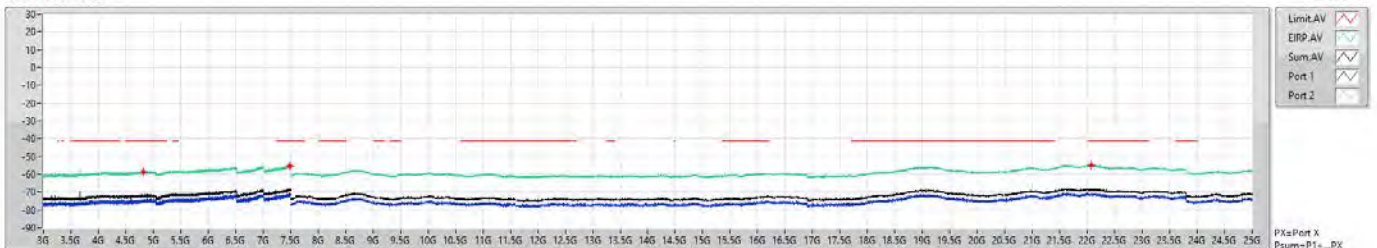
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
3G	7.3G	1M	PK	4.84169G	-49.13	-21.20	-27.93	13.00	0.00	-52.13	-66.09	-64.35
3G	7.3G	1M	PK	7.34899G	-44.71	-21.20	-23.51	13.00	0.00	-57.71	-62.71	-59.36
7.5G	25G	1M	PK	22.18031G	-45.71	-21.20	-24.51	13.00	0.00	-58.71	-62.23	-61.27

802.11g_Nss1,(6Mbps)_2TX

2412MHz

CSE [AV]

05/05/2022



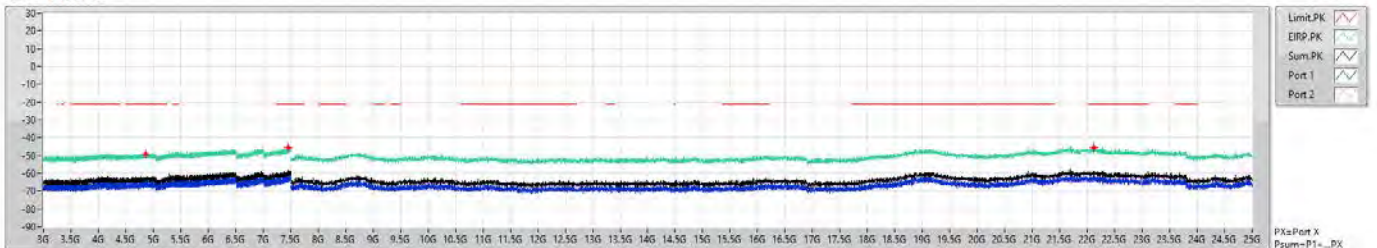
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
3G	7.3G	1M	AV	4.81621G	-58.61	-41.20	-17.41	13.00	0.00	-71.61	-75.01	-74.25
3G	7.3G	1M	AV	7.48875G	-55.14	-41.20	-13.94	13.00	0.00	-68.14	-70.56	-71.84
7.5G	25G	1M	AV	22.06879G	-54.84	-41.20	-13.64	13.00	0.00	-67.84	-71.01	-70.89

802.11g_Nss1,(6Mbps)_2TX

2437MHz

CSE [PK]

05/05/2022



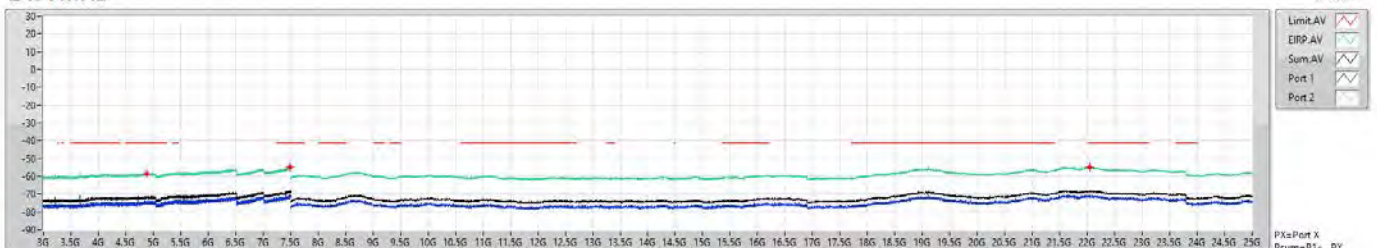
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
3G	7.5G	1M	PK	4.8809G	-49.19	-21.20	-27.99	13.00	0.00	-62.19	-65.09	-65.32
3G	7.5G	1M	PK	7.455G	-45.30	-21.20	-24.10	13.00	0.00	-58.30	-61.00	-61.64
7.5G	25G	1M	PK	22.12123G	-45.38	-21.20	-24.18	13.00	0.00	-58.38	-60.83	-62.03

802.11g_Nss1,(6Mbps)_2TX

2437MHz

CSE [AV]

05/05/2022



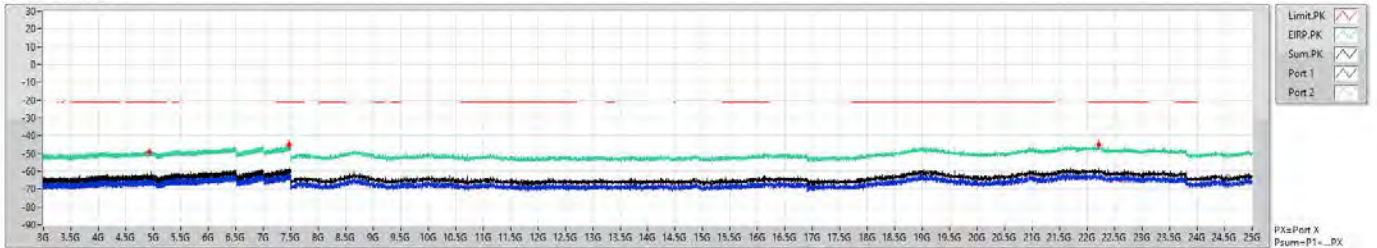
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
3G	7.5G	1M	AV	4.88219G	-58.37	-41.20	-17.17	13.00	0.00	-71.37	-74.62	-74.16
3G	7.5G	1M	AV	7.45696G	-54.96	-41.20	-13.66	13.00	0.00	-67.86	-70.34	-71.47
7.5G	25G	1M	AV	22.04031G	-54.92	-41.20	-13.72	13.00	0.00	-67.92	-70.92	-70.95

802.11g_Nss1,(6Mbps)_2TX

2462MHz

CSE [PK]

05/05/2022



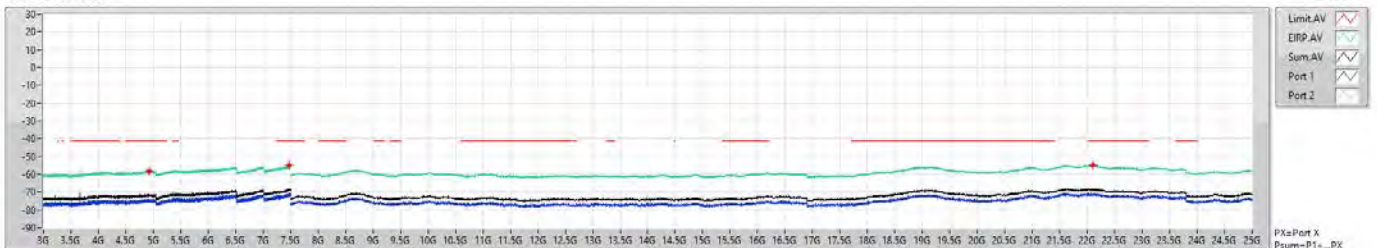
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3G	7.5G	1M	PK	4.92488G	-49.27	-21.20	-28.07	13.00	0.00	-62.27	-65.90	-64.74
3G	7.5G	1M	PK	7.473G	-44.97	-21.20	-23.77	13.00	0.00	-57.97	-61.91	-60.21
7.5G	25G	1M	PK	22.20656G	-44.89	-21.20	-23.69	13.00	0.00	-57.89	-61.47	-60.40

802.11g_Nss1,(6Mbps)_2TX

2462MHz

CSE [AV]

05/05/2022



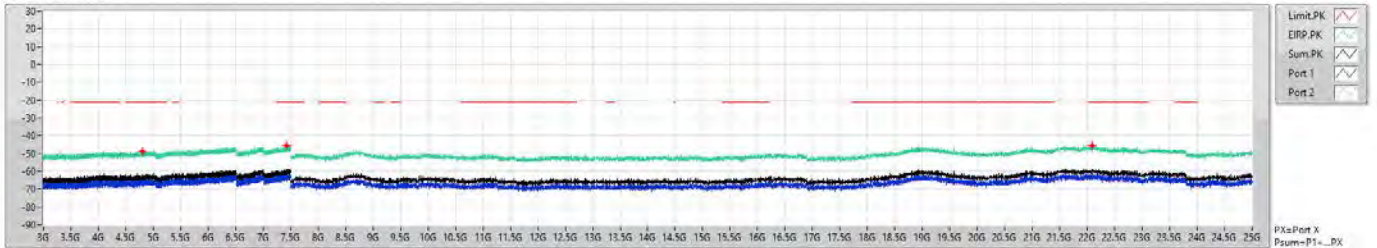
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
3G	7.5G	1M	AV	4.92269G	-58.20	-41.20	-17.00	13.00	0.00	-71.20	-74.20	-74.22
3G	7.5G	1M	AV	7.47698G	-55.04	-41.20	-13.84	13.00	0.00	-68.04	-70.91	-71.19
7.5G	25G	1M	AV	22.11031G	-54.81	-41.20	-13.61	13.00	0.00	-67.81	-70.85	-70.80

802.11ax HEW20_Nss1,(MCS0)_2TX

2412MHz

CSE [PK]

05/05/2022



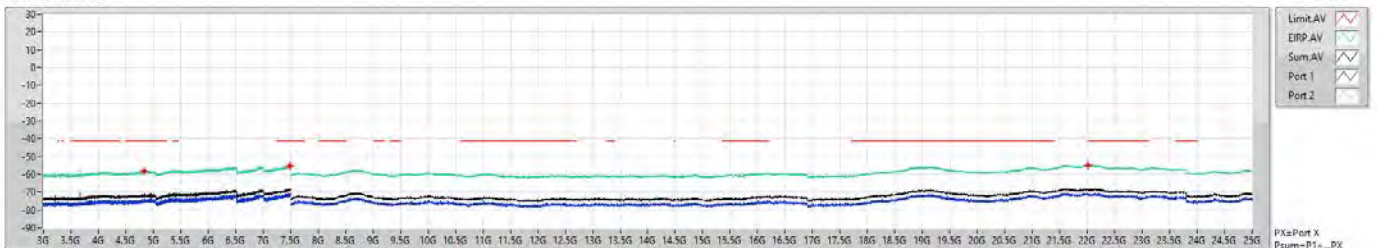
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
3G	7.5G	1M	PK	4.80789G	-68.72	-21.20	-27.52	13.00	0.00	-61.72	-63.66	-66.14
3G	7.5G	1M	PK	7.42994G	-45.54	-21.20	-24.34	13.00	0.00	-58.54	-61.31	-61.81
7.5G	25G	1M	PK	22.09281G	-45.53	-21.20	-24.33	13.00	0.00	-58.53	-60.62	-62.77

802.11ax HEW20_Nss1,(MCS0)_2TX

2412MHz

CSE [AV]

05/05/2022



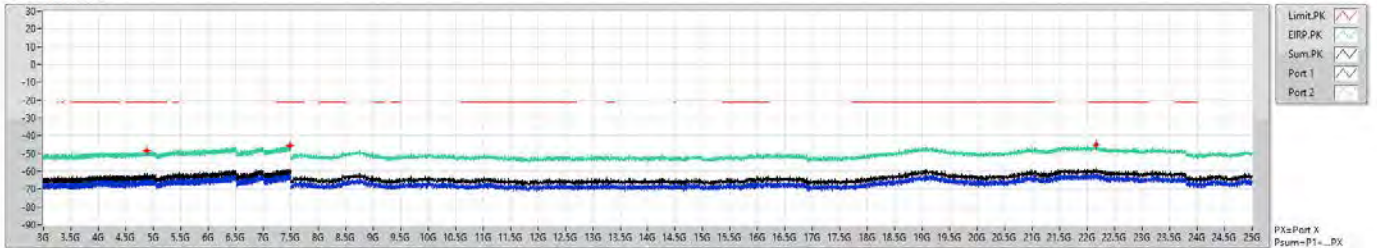
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
3G	7.5G	1M	AV	4.80789G	-58.06	-41.20	-16.86	13.00	0.00	-71.06	-74.46	-73.72
3G	7.5G	1M	AV	7.40988G	-55.11	-41.20	-13.91	13.00	0.00	-68.11	-71.27	-70.98
7.5G	25G	1M	AV	22.01188G	-55.02	-41.20	-13.82	13.00	0.00	-68.02	-71.22	-70.85

802.11ax HEW20_Nss1,(MCS0)_2TX

2437MHz

CSE [PK]

05/05/2022



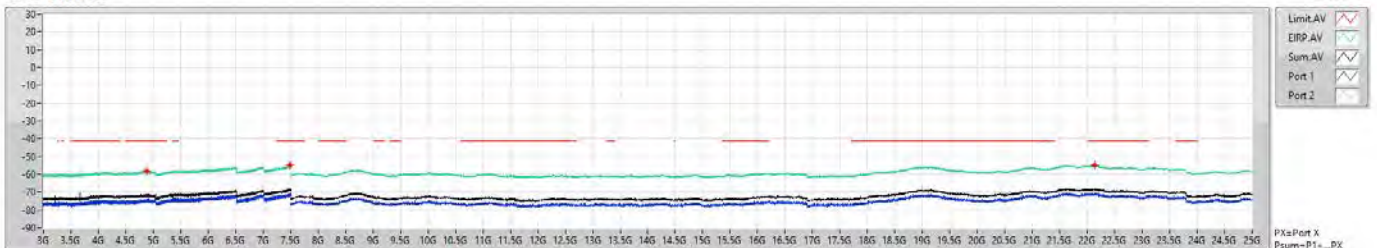
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
3G	7.5G	1M	PK	4.87369G	-48.37	-21.20	-27.17	13.00	0.00	-51.37	-63.64	-65.28
3G	7.5G	1M	PK	7.48921G	-45.50	-21.20	-24.30	13.00	0.00	-58.50	-60.75	-62.44
7.5G	25G	1M	PK	22.16038G	-45.20	-21.20	-24.00	13.00	0.00	-58.20	-60.67	-61.83

802.11ax HEW20_Nss1,(MCS0)_2TX

2437MHz

CSE [AV]

05/05/2022



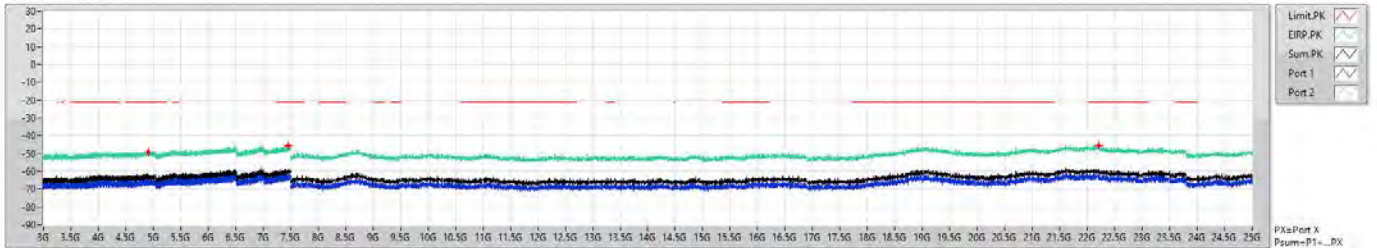
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3G	7.5G	1M	AV	4.89458G	-58.29	-41.20	-17.09	13.00	0.00	-71.29	-73.95	-74.69
3G	7.5G	1M	AV	7.48254G	-54.98	-41.20	-13.68	13.00	0.00	-67.88	-70.65	-71.14
7.5G	25G	1M	AV	22.12781G	-54.89	-41.20	-13.69	13.00	0.00	-67.89	-70.48	-71.37

802.11ax HEW20_Nss1,(MCS0)_2TX

2462MHz

CSE [PK]

05/05/2022



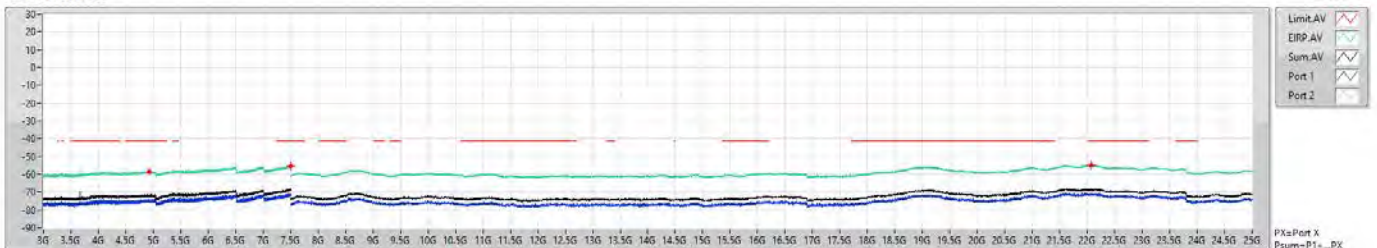
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3G	7.5G	1M	PK	4.91589G	-49.09	-21.20	-27.89	13.00	0.00	-52.09	-64.93	-65.27
3G	7.5G	1M	PK	7.46291G	-45.52	-21.20	-24.32	13.00	0.00	-58.52	-61.52	-61.54
7.5G	25G	1M	PK	22.21094G	-45.87	-21.20	-24.67	13.00	0.00	-58.67	-60.64	-63.04

802.11ax HEW20_Nss1,(MCS0)_2TX

2462MHz

CSE [AV]

05/05/2022



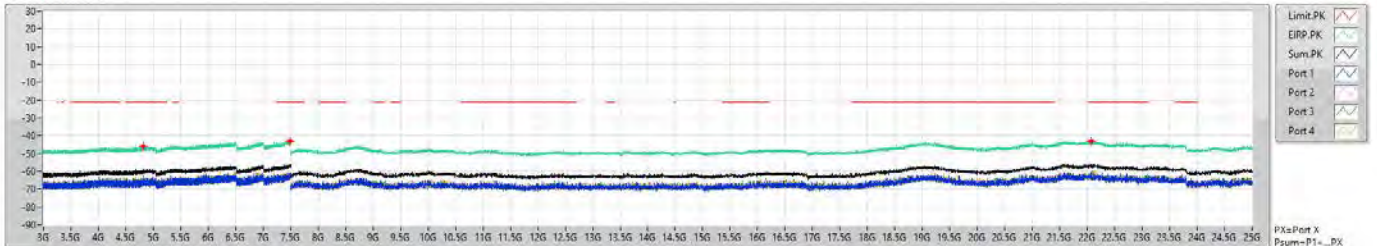
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
3G	7.5G	1M	AV	4.92206G	-58.61	-41.20	-17.41	13.00	0.00	-71.61	-75.29	-74.04
3G	7.5G	1M	AV	7.5G	-55.18	-41.20	-13.98	13.00	0.00	-68.18	-71.13	-71.25
7.5G	25G	1M	AV	22.07094G	-55.02	-41.20	-13.82	13.00	0.00	-68.02	-71.20	-70.70

802.11b_Nss1,(1Mbps)_4TX

2412MHz

CSE [PK]

05/05/2022



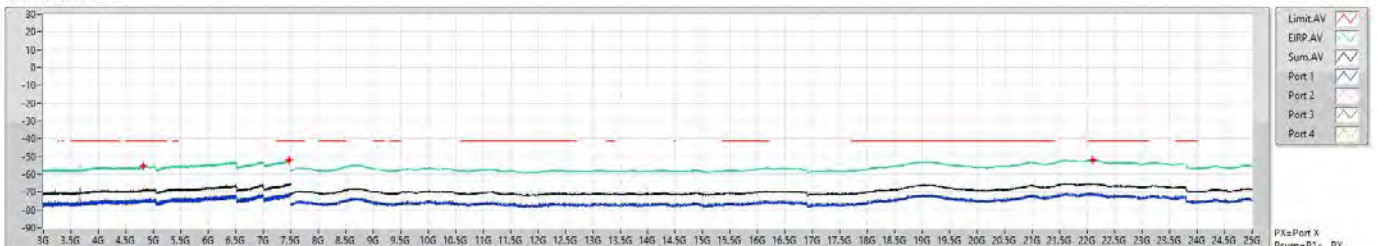
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
3G	7.5G	1M	PK	4.82368G	-45.97	-21.20	-24.77	13.00	0.00	-38.97	-47.05	-52.23	-52.52	-56.79
3G	7.5G	1M	PK	7.4955G	-44.76	-21.20	-22.06	13.00	0.00	-36.26	-42.93	-48.44	-48.24	-53.86
7.5G	25G	1M	PK	22.07094G	-43.23	-21.20	-22.03	13.00	0.00	-36.23	-43.93	-48.11	-48.81	-52.63

802.11b_Nss1,(1Mbps)_4TX

2412MHz

CSE [AV]

05/05/2022



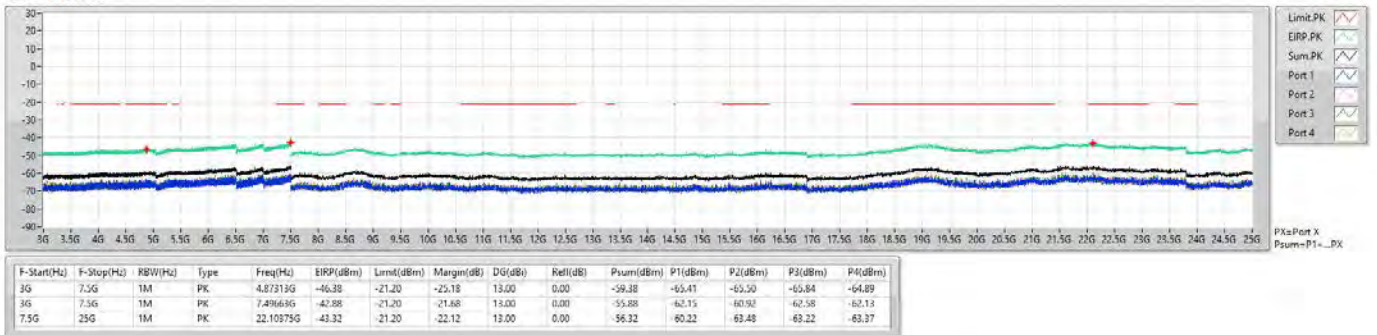
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
3G	7.5G	1M	AV	4.82368G	-55.20	-41.20	-14.00	13.00	0.00	-68.20	-74.53	-72.67	-74.65	-75.57
3G	7.5G	1M	AV	7.47188G	-52.16	-41.20	-10.96	13.00	0.00	-65.16	-71.04	-71.44	-71.11	-71.16
7.5G	25G	1M	AV	22.10158G	-52.06	-41.20	-10.86	13.00	0.00	-65.06	-71.07	-71.05	-71.90	-70.44

802.11b_Nss1,(1Mbps)_4TX

2437MHz

CSE [PK]

05/05/2022

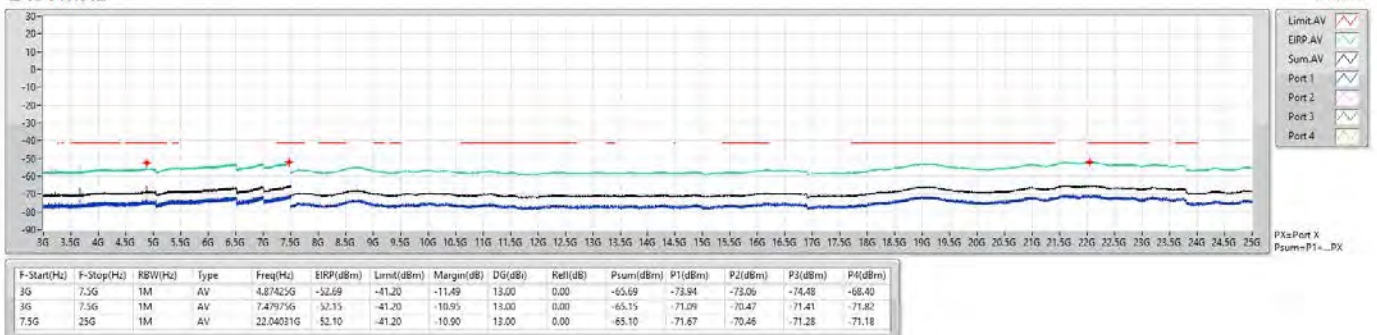


802.11b_Nss1,(1Mbps)_4TX

2437MHz

CSE [AV]

05/05/2022

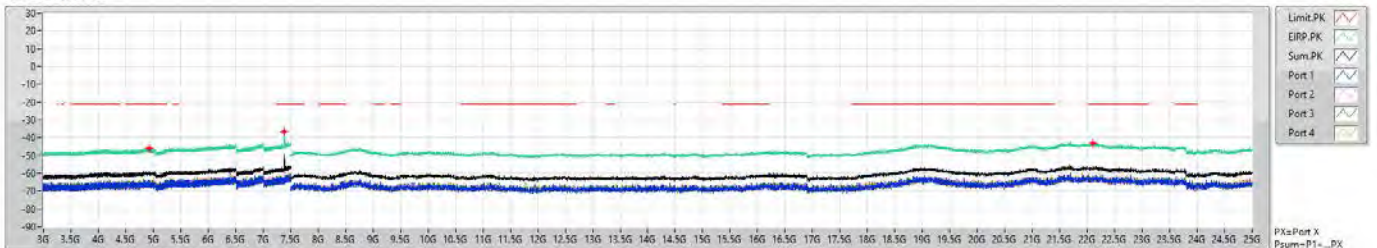


802.11b_Nss1,(1Mbps)_4TX

2462MHz

CSE [PK]

05/05/2022



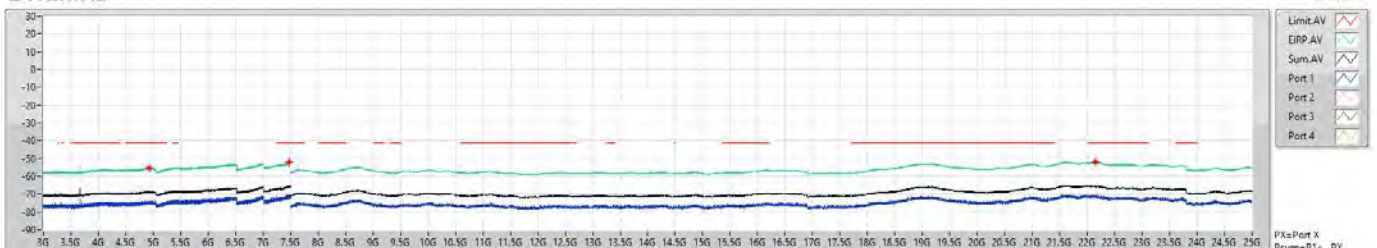
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
3G	7.5G	1M	PK	4.92421G	-45.77	-21.20	-24.57	13.00	0.00	-36.77	-45.08	-45.04	-45.72	-49.61
3G	7.5G	1M	PK	7.8975G	-46.62	-21.20	-15.42	13.00	0.00	-49.62	-63.64	-50.22	-62.88	-63.41
7.5G	25G	1M	PK	22.10813G	-43.16	-21.20	-21.96	13.00	0.00	-56.16	-62.80	-61.95	-63.86	-60.71

802.11b_Nss1,(1Mbps)_4TX

2462MHz

CSE [AV]

05/05/2022



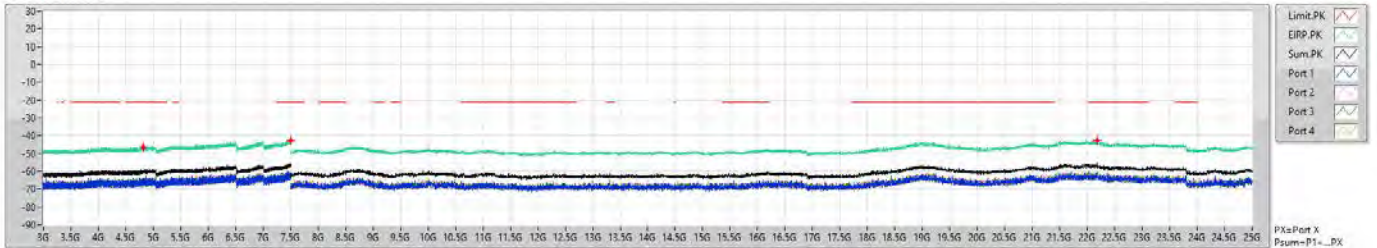
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3G	7.5G	1M	AV	4.92375G	-55.54	-41.20	-14.34	13.00	0.00	-68.54	-75.70	-74.60	-73.40	-73.00
3G	7.5G	1M	AV	7.47698G	-52.26	-41.20	-11.06	13.00	0.00	-65.26	-70.61	-70.59	-71.90	-72.00
7.5G	25G	1M	AV	22.1475G	-51.98	-41.20	-10.78	13.00	0.00	-64.98	-71.02	-71.19	-71.38	-70.38

802.11g_Nss1,(6Mbps)_4TX

2412MHz

CSE [PK]

05/05/2022



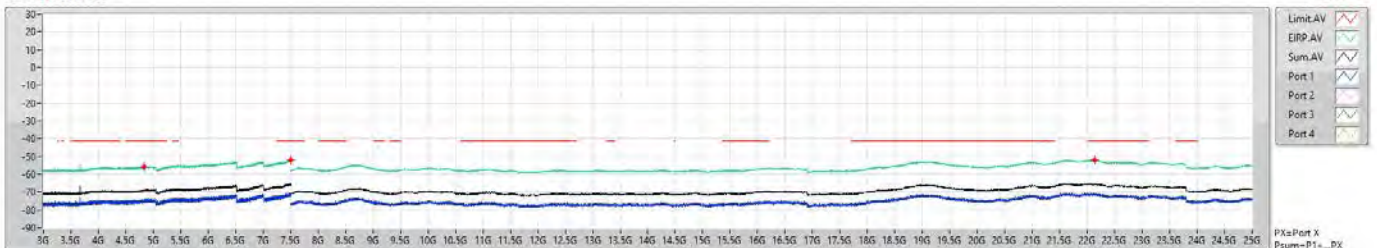
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
3G	7.5G	1M	PK	4.82368G	-46.43	-21.20	-25.23	13.00	0.00	-59.43	-64.76	-65.67	-66.20	-69.30
3G	7.5G	1M	PK	7.49775G	-42.81	-21.20	-21.61	13.00	0.00	-55.81	-61.13	-62.39	-62.38	-67.54
7.5G	25G	1M	PK	22.17579G	-42.48	-21.20	-21.28	13.00	0.00	-55.48	-60.72	-62.16	-60.48	-63.21

802.11g_Nss1,(6Mbps)_4TX

2412MHz

CSE [AV]

05/05/2022



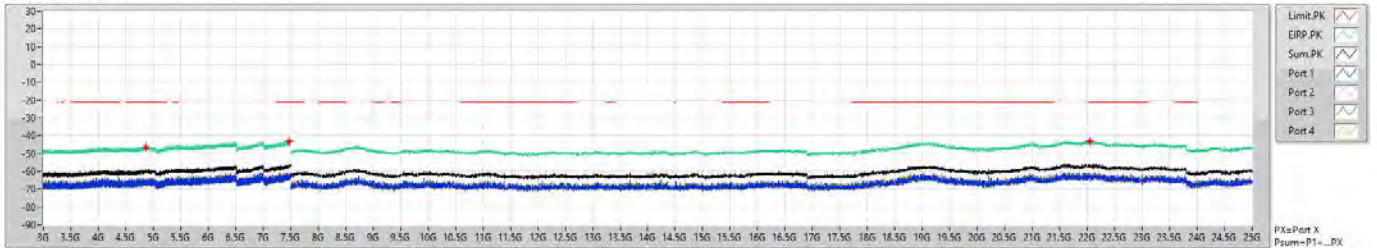
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
3G	7.5G	1M	AV	4.83825G	-55.74	-41.20	-14.54	13.00	0.00	-68.74	-74.71	-74.57	-74.59	-75.19
3G	7.5G	1M	AV	7.49606G	-52.23	-41.20	-11.03	13.00	0.00	-65.23	-70.76	-71.87	-71.05	-71.38
7.5G	25G	1M	AV	22.13219G	-52.04	-41.20	-10.84	13.00	0.00	-65.04	-71.35	-70.80	-71.02	-71.32

802.11g_Nss1,(6Mbps)_4TX

2437MHz

CSE [PK]

05/05/2022



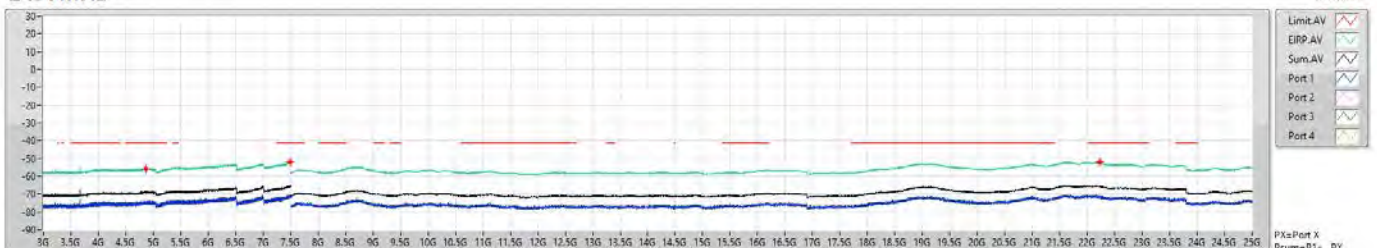
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
3G	7.5G	1M	PK	4.869G	-46.29	-21.20	-25.09	13.00	0.00	-59.29	-65.43	-65.86	-65.39	-64.66
3G	7.5G	1M	PK	7.4969G	-43.76	-21.20	-22.56	13.00	0.00	-56.26	-62.03	-62.54	-62.28	-62.30
7.5G	25G	1M	PK	22.03594G	-43.03	-21.20	-21.83	13.00	0.00	-56.03	-61.46	-62.88	-61.23	-62.91

802.11g_Nss1,(6Mbps)_4TX

2437MHz

CSE [AV]

05/05/2022



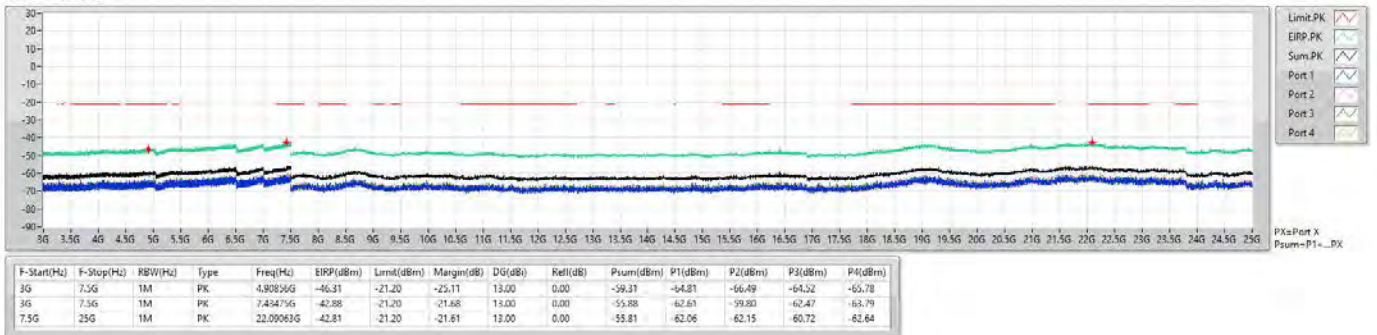
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3G	7.5G	1M	AV	4.869G	-55.57	-41.20	-14.37	13.00	0.00	-68.57	-74.77	-74.26	-74.63	-74.72
3G	7.5G	1M	AV	7.49498G	-52.02	-41.20	-10.82	13.00	0.00	-65.02	-71.19	-71.23	-70.95	-70.80
7.5G	25G	1M	AV	22.22409G	-52.17	-41.20	-10.97	13.00	0.00	-65.17	-71.10	-71.26	-71.26	-71.14

802.11g_Nss1,(6Mbps)_4TX

2462MHz

CSE [PK]

05/05/2022

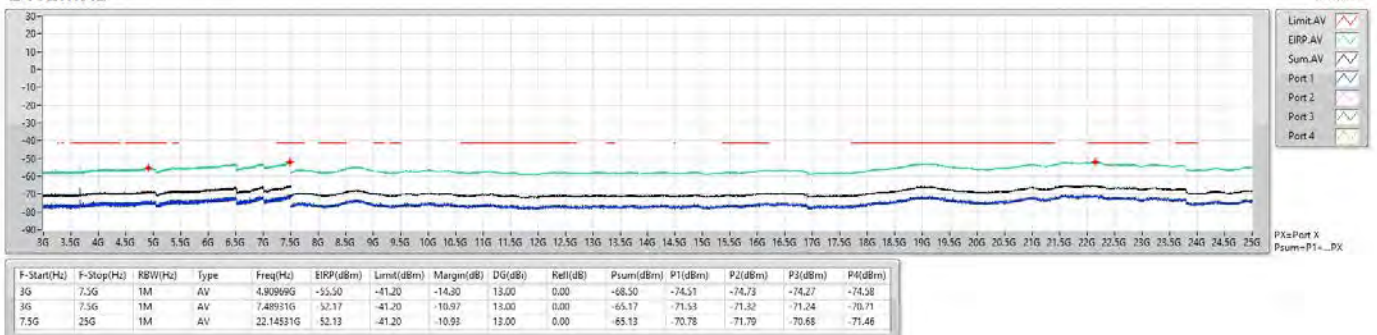


802.11g_Nss1,(6Mbps)_4TX

2462MHz

CSE [AV]

05/05/2022

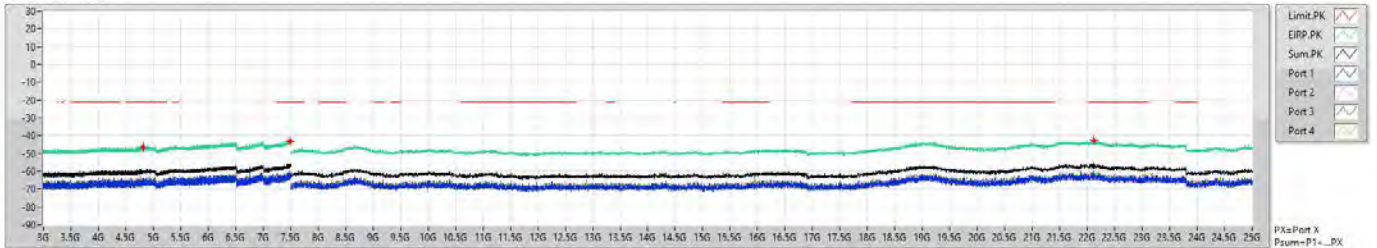


802.11ax HEW20_Nss1,(MCS0)_4TX

2412MHz

CSE [PK]

05/05/2022



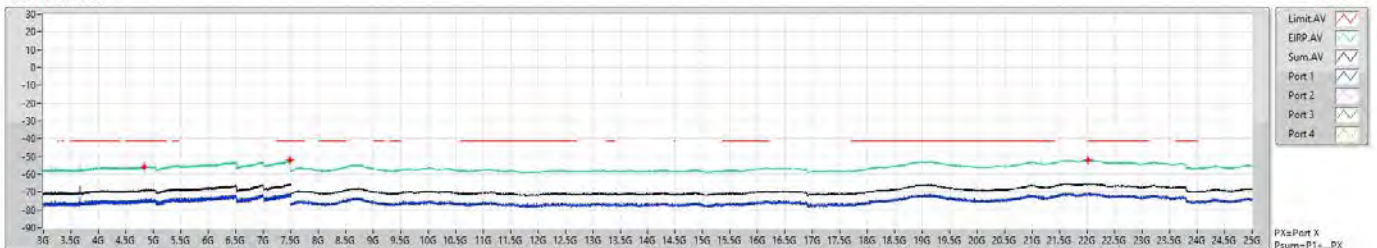
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
3G	7.5G	1M	PK	4.82288G	-46.31	-21.20	-25.11	13.00	0.00	-59.31	-66.29	-64.72	-64.77	-65.76
3G	7.5G	1M	PK	7.48411G	-47.92	-21.20	-21.72	13.00	0.00	-55.92	-60.12	-62.07	-63.20	-63.13
7.5G	25G	1M	PK	22.11469G	-42.47	-21.20	-21.27	13.00	0.00	-55.47	-61.80	-63.36	-60.82	-60.65

802.11ax HEW20_Nss1,(MCS0)_4TX

2412MHz

CSE [AV]

05/05/2022



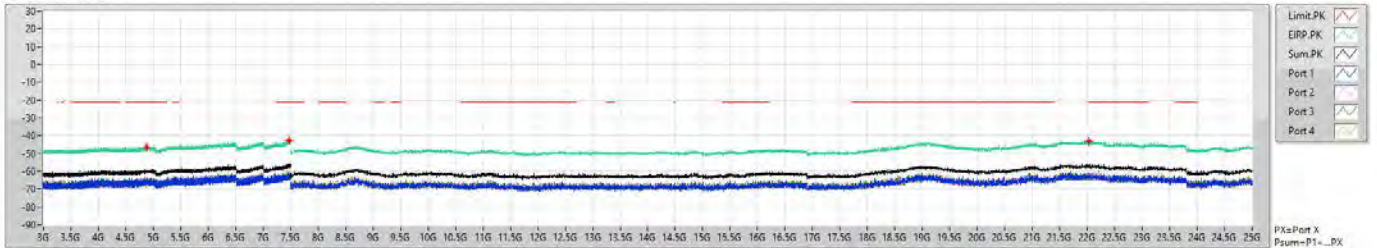
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
3G	7.5G	1M	AV	4.82421G	-55.63	-41.20	-14.43	13.00	0.00	-68.63	-74.53	-74.15	-75.40	-74.62
3G	7.5G	1M	AV	7.49525G	-52.26	-41.20	-11.06	13.00	0.00	-65.26	-72.22	-71.12	-70.95	-70.97
7.5G	25G	1M	AV	22.02063G	-52.16	-41.20	-10.96	13.00	0.00	-65.16	-71.48	-70.30	-71.18	-71.57

802.11ax HEW20_Nss1,(MCS0)_4TX

2437MHz

CSE [PK]

05/05/2022



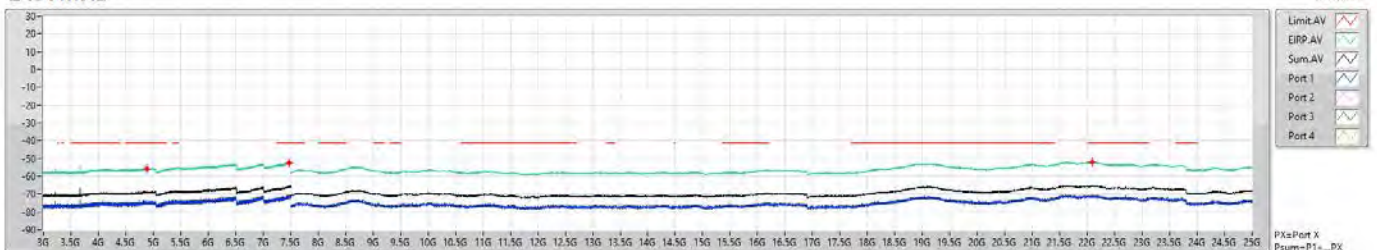
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
3G	7.5G	1M	PK	4.87969G	-46.38	-21.20	-25.18	13.00	0.00	-59.38	-66.63	-66.42	-65.33	-69.81
3G	7.5G	1M	PK	7.47151G	-42.82	-21.20	-21.62	13.00	0.00	-55.82	-63.27	-60.20	-62.46	-63.04
7.5G	25G	1M	PK	22.03156G	-43.04	-21.20	-21.84	13.00	0.00	-56.04	-60.75	-62.58	-61.66	-63.86

802.11ax HEW20_Nss1,(MCS0)_4TX

2437MHz

CSE [AV]

05/05/2022



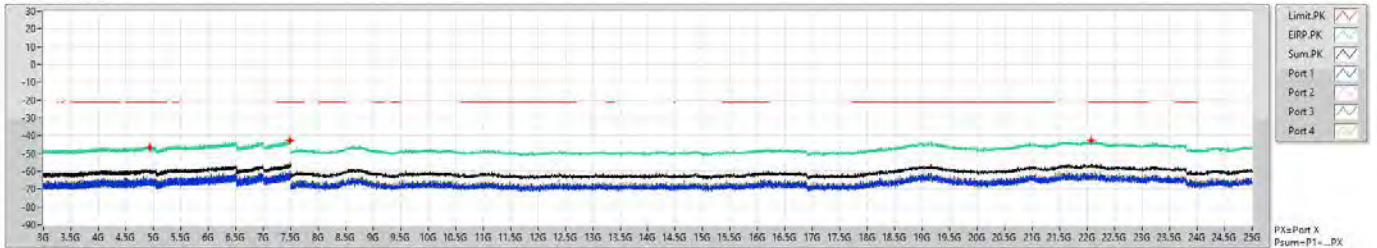
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
3G	7.5G	1M	AV	4.87991G	-55.58	-41.20	-14.38	13.00	0.00	-68.58	-74.78	-72.84	-74.59	-75.34
3G	7.5G	1M	AV	7.4775G	-52.35	-41.20	-11.15	13.00	0.00	-65.35	-71.65	-70.55	-71.57	-71.46
7.5G	25G	1M	AV	22.08406G	-52.17	-41.20	-10.97	13.00	0.00	-65.17	-70.44	-71.56	-71.36	-71.49

802.11ax HEW20_Nss1,(MCS0)_4TX

2462MHz

CSE [PK]

05/05/2022



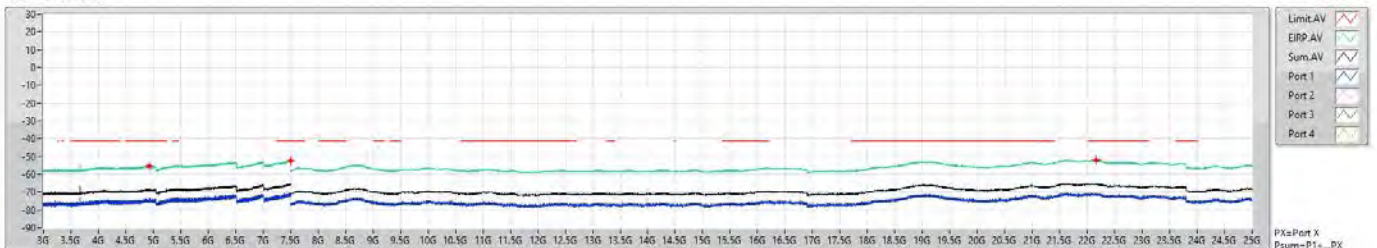
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
3G	7.5G	1M	PK	4.92725G	-46.20	-21.20	-25.00	13.00	0.00	-59.20	-64.78	-64.81	-64.57	-67.03
3G	7.5G	1M	PK	7.48315G	-42.54	-21.20	-21.34	13.00	0.00	-55.54	-62.64	-60.83	-61.36	-67.40
7.5G	25G	1M	PK	22.07969G	-42.88	-21.20	-21.68	13.00	0.00	-55.88	-61.16	-62.73	-62.48	-61.44

802.11ax HEW20_Nss1,(MCS0)_4TX

2462MHz

CSE [AV]

05/05/2022



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
3G	7.5G	1M	AV	4.92269G	-55.27	-41.20	-14.07	13.00	0.00	-68.27	-74.52	-75.34	-74.23	-73.21
3G	7.5G	1M	AV	7.49944G	-52.26	-41.20	-11.06	13.00	0.00	-65.26	-70.93	-71.36	-71.23	-71.70
7.5G	25G	1M	AV	22.17156G	-52.08	-41.20	-10.88	13.00	0.00	-65.08	-70.97	-71.53	-71.07	-70.85



CSE (Restricted Band)_Iron R1_Antenna set 2 (Bandedge)
_P to M_P to P

Appendix F.8

Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	P3 (dBm)	P4 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	2.4835G	2.5235G	AV	2.48866G	13.00	-54.44				-54.44	-41.44	-41.20	-0.24
802.11g_Nss1,(6Mbps)_1TX	Pass	2.4G	2.4835G	AV	2.4835G	13.00	-54.43				-54.43	-41.43	-41.20	-0.23
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	2.36G	2.4G	AV	2.38996G	13.00	-54.45				-54.45	-41.45	-41.20	-0.25
802.11b_Nss1,(1Mbps)_2TX	Pass	2.36G	2.4G	AV	2.36596G	16.01	-65.72	-57.92			-57.25	-41.24	-41.20	-0.04
802.11g_Nss1,(6Mbps)_2TX	Pass	2.36G	2.4G	AV	2.38924G	16.01	-63.68	-58.46			-57.32	-41.31	-41.20	-0.11
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	2.36G	2.4G	AV	2.38996G	16.01	-64.97	-58.36			-57.50	-41.49	-41.20	-0.29
802.11b_Nss1,(1Mbps)_4TX	Pass	2.4G	2.4835G	AV	2.4835G	19.02	-72.25	-63.95	-67.34	-66.42	-60.58	-41.56	-41.20	-0.36
802.11g_Nss1,(6Mbps)_4TX	Pass	2.4G	2.4835G	AV	2.4835G	19.02	-73.22	-65.33	-65.86	-64.96	-60.37	-41.35	-41.20	-0.15
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	2.36G	2.4G	AV	2.38992G	19.02	-72.01	-67.33	-65.35	-65.37	-60.81	-41.79	-41.20	-0.59

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX



CSE (Restricted Band)_Iron R1_Antenna set 2 (Bandedge) _P to M_P to P

Appendix F.8

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	P3 (dBm)	P4 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.3G	2.36G	AV	2.35025G	13.00	-60.68				-60.68	-47.68	-41.20	-6.48
2412MHz	Pass	2.36G	2.4G	AV	2.38676G	13.00	-56.96				-56.96	-43.96	-41.20	-2.76
2412MHz	Pass	2.4G	2.4835G	AV	2.4835G	13.00	-61.35				-61.35	-48.35	-41.20	-7.15
2412MHz	Pass	2.4835G	2.5235G	AV	2.50738G	13.00	-60.00				-60.00	-47.00	-41.20	-5.80
2412MHz	Pass	2.5235G	2.6G	AV	2.53429G	13.00	-62.45				-62.45	-49.45	-41.20	-8.25
2412MHz	Pass	2.35G	2.36G	PK	2.35467G	13.00	-48.96				-48.96	-35.96	-21.20	-14.76
2412MHz	Pass	2.36G	2.4G	PK	2.38684G	13.00	-46.75				-46.75	-33.75	-21.20	-12.55
2412MHz	Pass	2.4G	2.4835G	PK	2.4835G	13.00	-51.71				-51.71	-38.71	-21.20	-17.51
2412MHz	Pass	2.4835G	2.5235G	PK	2.48762G	13.00	-49.43				-49.43	-36.43	-21.20	-15.23
2412MHz	Pass	2.5235G	2.55G	PK	2.53222G	13.00	-48.08				-48.08	-35.08	-21.20	-13.88
2437MHz	Pass	2.3G	2.36G	AV	2.35941G	13.00	-59.97				-59.97	-46.97	-41.20	-5.77
2437MHz	Pass	2.36G	2.4G	AV	2.3778G	13.00	-58.06				-58.06	-45.06	-41.20	-3.86
2437MHz	Pass	2.4G	2.4835G	AV	2.4835G	13.00	-59.87				-59.87	-46.87	-41.20	-5.67
2437MHz	Pass	2.4835G	2.5235G	AV	2.49582G	13.00	-58.99				-58.99	-45.99	-41.20	-4.79
2437MHz	Pass	2.5235G	2.6G	AV	2.53694G	13.00	-62.57				-62.57	-49.57	-41.20	-8.37
2437MHz	Pass	2.35G	2.36G	PK	2.35963G	13.00	-49.17				-49.17	-36.17	-21.20	-14.97
2437MHz	Pass	2.36G	2.4G	PK	2.36444G	13.00	-46.89				-46.89	-33.89	-21.20	-12.69
2437MHz	Pass	2.4G	2.4835G	PK	2.4835G	13.00	-48.96				-48.96	-35.96	-21.20	-14.76
2437MHz	Pass	2.4835G	2.5235G	PK	2.49498G	13.00	-48.39				-48.39	-35.39	-21.20	-14.19
2437MHz	Pass	2.5235G	2.55G	PK	2.52883G	13.00	-50.19				-50.19	-37.19	-21.20	-15.99
2462MHz	Pass	2.3G	2.36G	AV	2.35636G	13.00	-60.63				-60.63	-47.63	-41.20	-6.43
2462MHz	Pass	2.36G	2.4G	AV	2.37904G	13.00	-58.51				-58.51	-45.51	-41.20	-4.31
2462MHz	Pass	2.4G	2.4835G	AV	2.4835G	13.00	-59.70				-59.70	-46.70	-41.20	-5.50
2462MHz	Pass	2.4835G	2.5235G	AV	2.48866G	13.00	-54.44				-54.44	-41.44	-41.20	-0.24
2462MHz	Pass	2.5235G	2.6G	AV	2.52875G	13.00	-62.24				-62.24	-49.24	-41.20	-8.04
2462MHz	Pass	2.35G	2.36G	PK	2.35815G	13.00	-49.24				-49.24	-36.24	-21.20	-15.04
2462MHz	Pass	2.36G	2.4G	PK	2.37764G	13.00	-48.00				-48.00	-35.00	-21.20	-13.80
2462MHz	Pass	2.4G	2.4835G	PK	2.4835G	13.00	-49.70				-49.70	-36.70	-21.20	-15.50
2462MHz	Pass	2.4835G	2.5235G	PK	2.48782G	13.00	-46.86				-46.86	-33.86	-21.20	-12.66
2462MHz	Pass	2.5235G	2.55G	PK	2.53336G	13.00	-50.89				-50.89	-37.89	-21.20	-16.69
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.3G	2.36G	AV	2.35462G	13.00	-58.75				-58.75	-45.75	-41.20	-4.55
2412MHz	Pass	2.36G	2.4G	AV	2.38988G	13.00	-54.48				-54.48	-41.48	-41.20	-0.28
2412MHz	Pass	2.4G	2.4835G	AV	2.4835G	13.00	-59.94				-59.94	-46.94	-41.20	-5.74
2412MHz	Pass	2.4835G	2.5235G	AV	2.49594G	13.00	-59.20				-59.20	-46.20	-41.20	-5.00
2412MHz	Pass	2.5235G	2.6G	AV	2.52599G	13.00	-61.60				-61.60	-48.60	-41.20	-7.40
2412MHz	Pass	2.35G	2.36G	PK	2.35729G	13.00	-46.80				-46.80	-33.80	-21.20	-12.60
2412MHz	Pass	2.36G	2.4G	PK	2.3896G	13.00	-41.58				-41.58	-28.58	-21.20	-7.38
2412MHz	Pass	2.4G	2.4835G	PK	2.4835G	13.00	-48.47				-48.47	-35.47	-21.20	-14.27
2412MHz	Pass	2.4835G	2.5235G	PK	2.51554G	13.00	-48.20				-48.20	-35.20	-21.20	-14.00
2412MHz	Pass	2.5235G	2.55G	PK	2.53116G	13.00	-45.26				-45.26	-32.26	-21.20	-11.06
2417MHz	Pass	2.3G	2.36G	AV	2.35782G	13.00	-58.51				-58.51	-45.51	-41.20	-4.31
2417MHz	Pass	2.36G	2.4G	AV	2.38996G	13.00	-54.64				-54.64	-41.64	-41.20	-0.44
2417MHz	Pass	2.4G	2.4835G	AV	2.4835G	13.00	-59.34				-59.34	-46.34	-41.20	-5.14
2417MHz	Pass	2.4835G	2.5235G	AV	2.49598G	13.00	-57.50				-57.50	-44.50	-41.20	-3.30
2417MHz	Pass	2.5235G	2.6G	AV	2.52538G	13.00	-61.14				-61.14	-48.14	-41.20	-6.94
2417MHz	Pass	2.35G	2.36G	PK	2.35883G	13.00	-47.33				-47.33	-34.33	-21.20	-13.13
2417MHz	Pass	2.36G	2.4G	PK	2.3894G	13.00	-42.06				-42.06	-29.06	-21.20	-7.86
2417MHz	Pass	2.4G	2.4835G	PK	2.4835G	13.00	-49.42				-49.42	-36.42	-21.20	-15.22
2417MHz	Pass	2.4835G	2.5235G	PK	2.49858G	13.00	-48.16				-48.16	-35.16	-21.20	-13.96
2417MHz	Pass	2.5235G	2.55G	PK	2.53815G	13.00	-45.77				-45.77	-32.77	-21.20	-11.57
2437MHz	Pass	2.3G	2.36G	AV	2.3596G	13.00	-58.22				-58.22	-45.22	-41.20	-4.02
2437MHz	Pass	2.36G	2.4G	AV	2.37428G	13.00	-56.18				-56.18	-43.18	-41.20	-1.98
2437MHz	Pass	2.4G	2.4835G	AV	2.4835G	13.00	-57.38				-57.38	-44.38	-41.20	-3.18
2437MHz	Pass	2.4835G	2.5235G	AV	2.48546G	13.00	-56.48				-56.48	-43.48	-41.20	-2.28
2437MHz	Pass	2.5235G	2.6G	AV	2.52565G	13.00	-60.19				-60.19	-47.19	-41.20	-5.99
2437MHz	Pass	2.35G	2.36G	PK	2.35448G	13.00	-46.94				-46.94	-33.94	-21.20	-12.74
2437MHz	Pass	2.36G	2.4G	PK	2.3818G	13.00	-45.70				-45.70	-32.70	-21.20	-11.50
2437MHz	Pass	2.4G	2.4835G	PK	2.4835G	13.00	-46.37				-46.37	-33.37	-21.20	-12.17
2437MHz	Pass	2.4835G	2.5235G	PK	2.48862G	13.00	-43.57				-43.57	-30.57	-21.20	-9.37
2437MHz	Pass	2.5235G	2.55G	PK	2.52742G	13.00	-48.85				-48.85	-35.85	-21.20	-14.65
2457MHz	Pass	2.3G	2.36G	AV	2.35235G	13.00	-60.47				-60.47	-47.47	-41.20	-6.27
2457MHz	Pass	2.36G	2.4G	AV	2.38792G	13.00	-59.38				-59.38	-46.38	-41.20	-5.18
2457MHz	Pass	2.4G	2.4835G	AV	2.4835G	13.00	-54.43				-54.43	-41.43	-41.20	-0.23
2457MHz	Pass	2.4835G	2.5235G	AV	2.48434G	13.00	-55.08				-55.08	-42.08	-41.20	-0.88
2457MHz	Pass	2.5235G	2.6G	AV	2.5244G	13.00	-62.08				-62.08	-49.08	-41.20	-7.88
2457MHz	Pass	2.35G	2.36G	PK	2.35205G	13.00	-48.33				-48.33	-35.33	-21.20	-14.13
2457MHz	Pass	2.36G	2.4G	PK	2.37792G	13.00	-45.57				-45.57	-32.57	-21.20	-11.37



CSE (Restricted Band)_Iron R1_Antenna set 2 (Bandedge) _P to M_P to P

Appendix F.8

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dB)	P1 (dBm)	P2 (dBm)	P3 (dBm)	P4 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2457MHz	Pass	2.4G	2.4835G	PK	2.4835G	13.00	-42.35				-42.35	-29.35	-21.20	-8.15
2457MHz	Pass	2.4835G	2.5235G	PK	2.48694G	13.00	-42.91				-42.91	-29.91	-21.20	-8.71
2457MHz	Pass	2.5235G	2.55G	PK	2.53717G	13.00	-50.36				-50.36	-37.36	-21.20	-16.16
2462MHz	Pass	2.3G	2.36G	AV	2.35937G	13.00	-63.11				-63.11	-50.11	-41.20	-8.91
2462MHz	Pass	2.36G	2.4G	AV	2.37664G	13.00	-61.63				-61.63	-48.63	-41.20	-7.43
2462MHz	Pass	2.4G	2.4835G	AV	2.4835G	13.00	-54.59				-54.59	-41.59	-41.20	-0.39
2462MHz	Pass	2.4835G	2.5235G	AV	2.4835G	13.00	-54.52				-54.52	-41.52	-41.20	-0.32
2462MHz	Pass	2.5235G	2.6G	AV	2.52443G	13.00	-64.39				-64.39	-51.39	-41.20	-10.19
2462MHz	Pass	2.35G	2.36G	PK	2.3516G	13.00	-50.85				-50.85	-37.85	-21.20	-16.65
2462MHz	Pass	2.36G	2.4G	PK	2.36048G	13.00	-49.70				-49.70	-36.70	-21.20	-15.50
2462MHz	Pass	2.4G	2.4835G	PK	2.4835G	13.00	-40.33				-40.33	-27.33	-21.20	-6.13
2462MHz	Pass	2.4835G	2.5235G	PK	2.48714G	13.00	-43.17				-43.17	-30.17	-21.20	-8.97
2462MHz	Pass	2.5235G	2.55G	PK	2.5301G	13.00	-52.11				-52.11	-39.11	-21.20	-17.91
802.11ax HEW20_Nss1.(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.3G	2.36G	AV	2.3564G	13.00	-61.04				-61.04	-48.04	-41.20	-6.84
2412MHz	Pass	2.36G	2.4G	AV	2.38996G	13.00	-54.45				-54.45	-41.45	-41.20	-0.25
2412MHz	Pass	2.4G	2.4835G	AV	2.4835G	13.00	-61.21				-61.21	-48.21	-41.20	-7.01
2412MHz	Pass	2.4835G	2.5235G	AV	2.4959G	13.00	-59.65				-59.65	-46.65	-41.20	-5.45
2412MHz	Pass	2.5235G	2.6G	AV	2.52991G	13.00	-63.49				-63.49	-50.49	-41.20	-9.29
2412MHz	Pass	2.35G	2.36G	PK	2.35742G	13.00	-49.25				-49.25	-36.25	-21.20	-15.05
2412MHz	Pass	2.36G	2.4G	PK	2.38928G	13.00	-42.38				-42.38	-29.38	-21.20	-8.18
2412MHz	Pass	2.4G	2.4835G	PK	2.4835G	13.00	-51.44				-51.44	-38.44	-21.20	-17.24
2412MHz	Pass	2.4835G	2.5235G	PK	2.5079G	13.00	-49.58				-49.58	-36.58	-21.20	-15.38
2412MHz	Pass	2.5235G	2.55G	PK	2.53267G	13.00	-49.05				-49.05	-36.05	-21.20	-14.85
2417MHz	Pass	2.3G	2.36G	AV	2.35827G	13.00	-57.98				-57.98	-44.98	-41.20	-3.78
2417MHz	Pass	2.36G	2.4G	AV	2.38956G	13.00	-55.25				-55.25	-42.25	-41.20	-1.05
2417MHz	Pass	2.4G	2.4835G	AV	2.4835G	13.00	-60.10				-60.10	-47.10	-41.20	-5.90
2417MHz	Pass	2.4835G	2.5235G	AV	2.4959G	13.00	-57.91				-57.91	-44.91	-41.20	-3.71
2417MHz	Pass	2.5235G	2.6G	AV	2.53402G	13.00	-61.13				-61.13	-48.13	-41.20	-6.93
2417MHz	Pass	2.35G	2.36G	PK	2.35229G	13.00	-47.35				-47.35	-34.35	-21.20	-13.15
2417MHz	Pass	2.36G	2.4G	PK	2.38964G	13.00	-42.04				-42.04	-29.04	-21.20	-7.84
2417MHz	Pass	2.4G	2.4835G	PK	2.4835G	13.00	-48.03				-48.03	-35.03	-21.20	-13.83
2417MHz	Pass	2.4835G	2.5235G	PK	2.48418G	13.00	-47.50				-47.50	-34.50	-21.20	-13.30
2417MHz	Pass	2.5235G	2.55G	PK	2.5385G	13.00	-45.78				-45.78	-32.78	-21.20	-11.58
2437MHz	Pass	2.3G	2.36G	AV	2.35549G	13.00	-57.91				-57.91	-44.91	-41.20	-3.71
2437MHz	Pass	2.36G	2.4G	AV	2.37564G	13.00	-56.11				-56.11	-43.11	-41.20	-1.91
2437MHz	Pass	2.4G	2.4835G	AV	2.4835G	13.00	-55.72				-55.72	-42.72	-41.20	-1.52
2437MHz	Pass	2.4835G	2.5235G	AV	2.48426G	13.00	-55.19				-55.19	-42.19	-41.20	-0.99
2437MHz	Pass	2.5235G	2.6G	AV	2.52718G	13.00	-59.97				-59.97	-46.97	-41.20	-5.77
2437MHz	Pass	2.35G	2.36G	PK	2.35852G	13.00	-46.20				-46.20	-33.20	-21.20	-12.00
2437MHz	Pass	2.36G	2.4G	PK	2.38336G	13.00	-44.74				-44.74	-31.74	-21.20	-10.54
2437MHz	Pass	2.4G	2.4835G	PK	2.4835G	13.00	-45.76				-45.76	-32.76	-21.20	-11.56
2437MHz	Pass	2.4835G	2.5235G	PK	2.48982G	13.00	-43.83				-43.83	-30.83	-21.20	-9.63
2437MHz	Pass	2.5235G	2.55G	PK	2.5244G	13.00	-48.72				-48.72	-35.72	-21.20	-14.52
2457MHz	Pass	2.3G	2.36G	AV	2.35091G	13.00	-61.39				-61.39	-48.39	-41.20	-7.19
2457MHz	Pass	2.36G	2.4G	AV	2.37744G	13.00	-59.07				-59.07	-46.07	-41.20	-4.87
2457MHz	Pass	2.4G	2.4835G	AV	2.4835G	13.00	-55.35				-55.35	-42.35	-41.20	-1.15
2457MHz	Pass	2.4835G	2.5235G	AV	2.4835G	13.00	-54.69				-54.69	-41.69	-41.20	-0.49
2457MHz	Pass	2.5235G	2.6G	AV	2.53044G	13.00	-62.64				-62.64	-49.64	-41.20	-8.44
2457MHz	Pass	2.35G	2.36G	PK	2.35088G	13.00	-49.93				-49.93	-36.93	-21.20	-15.73
2457MHz	Pass	2.36G	2.4G	PK	2.3732G	13.00	-48.97				-48.97	-35.97	-21.20	-14.77
2457MHz	Pass	2.4G	2.4835G	PK	2.4835G	13.00	-45.16				-45.16	-32.16	-21.20	-10.96
2457MHz	Pass	2.4835G	2.5235G	PK	2.48462G	13.00	-42.24				-42.24	-29.24	-21.20	-8.04
2457MHz	Pass	2.5235G	2.55G	PK	2.52687G	13.00	-51.02				-51.02	-38.02	-21.20	-16.82
2462MHz	Pass	2.3G	2.36G	AV	2.35229G	13.00	-63.43				-63.43	-50.43	-41.20	-9.23
2462MHz	Pass	2.36G	2.4G	AV	2.38032G	13.00	-61.72				-61.72	-48.72	-41.20	-7.52
2462MHz	Pass	2.4G	2.4835G	AV	2.4835G	13.00	-54.70				-54.70	-41.70	-41.20	-0.50
2462MHz	Pass	2.4835G	2.5235G	AV	2.48358G	13.00	-54.88				-54.88	-41.88	-41.20	-0.68
2462MHz	Pass	2.5235G	2.6G	AV	2.52451G	13.00	-64.46				-64.46	-51.46	-41.20	-10.26
2462MHz	Pass	2.35G	2.36G	PK	2.35163G	13.00	-51.99				-51.99	-38.99	-21.20	-17.79
2462MHz	Pass	2.36G	2.4G	PK	2.36436G	13.00	-50.09				-50.09	-37.09	-21.20	-15.89
2462MHz	Pass	2.4G	2.4835G	PK	2.4835G	13.00	-40.00				-40.00	-27.00	-21.20	-5.80
2462MHz	Pass	2.4835G	2.5235G	PK	2.48614G	13.00	-42.37				-42.37	-29.37	-21.20	-8.17
2462MHz	Pass	2.5235G	2.55G	PK	2.53662G	13.00	-53.18				-53.18	-40.18	-21.20	-18.98
802.11b_Nss1.(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.35G	2.36G	AV	2.35126G	16.01	-68.38	-63.56			-62.32	-46.31	-41.20	-5.11
2412MHz	Pass	2.36G	2.4G	AV	2.36596G	16.01	-65.72	-57.92			-57.25	-41.24	-41.20	-0.04
2412MHz	Pass	2.4G	2.4835G	AV	2.4835G	16.01	-69.62	-64.97			-63.69	-47.68	-41.20	-6.48
2412MHz	Pass	2.4835G	2.5235G	AV	2.48794G	16.01	-69.37	-64.63			-63.37	-47.36	-41.20	-6.16
2412MHz	Pass	2.5235G	2.55G	AV	2.5284G	16.01	-71.96	-66.03			-65.04	-49.03	-41.20	-7.83



CSE (Restricted Band)_Iron R1_Antenna set 2 (Bandedge) _P to M_P to P

Appendix F.8

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dB)	P1 (dBm)	P2 (dBm)	P3 (dBm)	P4 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2412MHz	Pass	2.35G	2.36G	PK	2.35315G	16.01	-57.40	-52.38			-51.19	-35.18	-21.20	-13.98
2412MHz	Pass	2.36G	2.4G	PK	2.36596G	16.01	-56.69	-47.68			-47.17	-31.16	-21.20	-9.96
2412MHz	Pass	2.4G	2.4835G	PK	2.4835G	16.01	-57.57	-52.82			-51.57	-35.56	-21.20	-14.36
2412MHz	Pass	2.4835G	2.5235G	PK	2.48502G	16.01	-59.52	-52.79			-51.95	-35.94	-21.20	-14.74
2412MHz	Pass	2.5235G	2.55G	PK	2.5336G	16.01	-54.78	-59.31			-53.47	-37.46	-21.20	-16.26
2417MHz	Pass	2.35G	2.36G	AV	2.35939G	16.01	-68.59	-63.56			-62.37	-46.36	-41.20	-5.16
2417MHz	Pass	2.36G	2.4G	AV	2.37092G	16.01	-65.87	-58.01			-57.35	-41.34	-41.20	-0.14
2417MHz	Pass	2.4G	2.4835G	AV	2.4835G	16.01	-69.63	-64.84			-63.60	-47.59	-41.20	-6.39
2417MHz	Pass	2.4835G	2.5235G	AV	2.48662G	16.01	-69.79	-64.33			-63.24	-47.23	-41.20	-6.03
2417MHz	Pass	2.5235G	2.55G	AV	2.52361G	16.01	-71.65	-65.97			-64.93	-48.92	-41.20	-7.72
2417MHz	Pass	2.35G	2.36G	PK	2.35351G	16.01	-61.18	-51.93			-51.44	-35.43	-21.20	-14.23
2417MHz	Pass	2.36G	2.4G	PK	2.37096G	16.01	-57.03	-47.99			-47.48	-31.47	-21.20	-10.27
2417MHz	Pass	2.4G	2.4835G	PK	2.4835G	16.01	-56.13	-52.99			-51.27	-35.26	-21.20	-14.06
2417MHz	Pass	2.4835G	2.5235G	PK	2.48678G	16.01	-57.73	-53.16			-51.86	-35.85	-21.20	-14.65
2417MHz	Pass	2.5235G	2.55G	PK	2.5271G	16.01	-63.49	-53.97			-53.51	-37.50	-21.20	-16.30
2437MHz	Pass	2.35G	2.36G	AV	2.35493G	16.01	-64.72	-62.79			-60.64	-44.63	-41.20	-3.43
2437MHz	Pass	2.36G	2.4G	AV	2.38944G	16.01	-63.69	-59.24			-57.91	-41.90	-41.20	-0.70
2437MHz	Pass	2.4G	2.4835G	AV	2.4835G	16.01	-65.73	-64.37			-61.99	-45.98	-41.20	-4.78
2437MHz	Pass	2.4835G	2.5235G	AV	2.49606G	16.01	-64.37	-63.96			-61.15	-45.14	-41.20	-3.94
2437MHz	Pass	2.5235G	2.55G	AV	2.52506G	16.01	-67.30	-64.86			-62.90	-46.89	-41.20	-5.69
2437MHz	Pass	2.35G	2.36G	PK	2.35016G	16.01	-56.44	-50.86			-49.80	-33.79	-21.20	-12.59
2437MHz	Pass	2.36G	2.4G	PK	2.38956G	16.01	-53.99	-50.13			-48.63	-32.62	-21.20	-11.42
2437MHz	Pass	2.4G	2.4835G	PK	2.4835G	16.01	-53.47	-52.33			-49.85	-33.84	-21.20	-12.64
2437MHz	Pass	2.4835G	2.5235G	PK	2.50318G	16.01	-55.09	-53.34			-51.12	-35.11	-21.20	-13.91
2437MHz	Pass	2.5235G	2.55G	PK	2.52952G	16.01	-57.23	-54.80			-52.84	-36.83	-21.20	-15.63
2462MHz	Pass	2.35G	2.36G	AV	2.35238G	16.01	-68.20	-63.01			-61.86	-45.85	-41.20	-4.65
2462MHz	Pass	2.36G	2.4G	AV	2.36808G	16.01	-66.99	-62.71			-61.33	-45.32	-41.20	-4.12
2462MHz	Pass	2.4G	2.4835G	AV	2.4835G	16.01	-66.82	-59.72			-58.95	-42.94	-41.20	-1.74
2462MHz	Pass	2.4835G	2.5235G	AV	2.48726G	16.01	-66.03	-59.73			-58.82	-42.81	-41.20	-1.61
2462MHz	Pass	2.5235G	2.55G	AV	2.52366G	16.01	-69.85	-64.55			-63.43	-47.42	-41.20	-6.22
2462MHz	Pass	2.35G	2.36G	PK	2.35085G	16.01	-58.40	-51.15			-50.40	-34.39	-21.20	-13.19
2462MHz	Pass	2.36G	2.4G	PK	2.36284G	16.01	-56.11	-52.68			-51.05	-35.04	-21.20	-13.84
2462MHz	Pass	2.4G	2.4835G	PK	2.4835G	16.01	-53.55	-45.63			-44.98	-28.97	-21.20	-7.77
2462MHz	Pass	2.4835G	2.5235G	PK	2.48366G	16.01	-56.76	-48.13			-47.57	-31.56	-21.20	-10.36
2462MHz	Pass	2.5235G	2.55G	PK	2.53042G	16.01	-60.35	-54.24			-53.29	-37.28	-21.20	-16.08
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.35G	2.36G	AV	2.35402G	16.01	-68.37	-63.33			-62.15	-46.14	-41.20	-4.94
2412MHz	Pass	2.36G	2.4G	AV	2.3898G	16.01	-66.53	-59.89			-59.04	-43.03	-41.20	-1.83
2412MHz	Pass	2.4G	2.4835G	AV	2.4835G	16.01	-69.45	-65.12			-63.76	-47.75	-41.20	-6.55
2412MHz	Pass	2.4835G	2.5235G	AV	2.48566G	16.01	-69.80	-64.71			-63.54	-47.53	-41.20	-6.33
2412MHz	Pass	2.5235G	2.55G	AV	2.5248G	16.01	-71.57	-66.14			-65.05	-49.04	-41.20	-7.84
2412MHz	Pass	2.35G	2.36G	PK	2.35583G	16.01	-63.32	-51.24			-50.98	-34.97	-21.20	-13.77
2412MHz	Pass	2.36G	2.4G	PK	2.38876G	16.01	-55.74	-38.85			-38.76	-22.75	-21.20	-1.55
2412MHz	Pass	2.4G	2.4835G	PK	2.4835G	16.01	-57.60	-52.71			-51.49	-35.48	-21.20	-14.28
2412MHz	Pass	2.4835G	2.5235G	PK	2.49278G	16.01	-62.81	-54.39			-53.81	-37.80	-21.20	-16.60
2412MHz	Pass	2.5235G	2.55G	PK	2.54656G	16.01	-63.94	-54.95			-54.43	-38.42	-21.20	-17.22
2417MHz	Pass	2.35G	2.36G	AV	2.35911G	16.01	-65.54	-60.08			-58.99	-42.98	-41.20	-1.78
2417MHz	Pass	2.36G	2.4G	AV	2.38876G	16.01	-64.99	-58.74			-57.82	-41.81	-41.20	-0.61
2417MHz	Pass	2.4G	2.4835G	AV	2.4835G	16.01	-66.84	-61.37			-60.29	-44.28	-41.20	-3.08
2417MHz	Pass	2.4835G	2.5235G	AV	2.49586G	16.01	-66.01	-61.46			-60.15	-44.14	-41.20	-2.94
2417MHz	Pass	2.5235G	2.55G	AV	2.52724G	16.01	-68.99	-62.54			-61.65	-45.64	-41.20	-4.44
2417MHz	Pass	2.35G	2.36G	PK	2.35366G	16.01	-57.38	-48.65			-48.10	-32.09	-21.20	-10.89
2417MHz	Pass	2.36G	2.4G	PK	2.38812G	16.01	-53.93	-45.77			-45.15	-29.14	-21.20	-7.94
2417MHz	Pass	2.4G	2.4835G	PK	2.4835G	16.01	-54.29	-48.61			-47.57	-31.56	-21.20	-10.36
2417MHz	Pass	2.4835G	2.5235G	PK	2.51278G	16.01	-60.74	-50.03			-49.68	-33.67	-21.20	-12.47
2417MHz	Pass	2.5235G	2.55G	PK	2.52392G	16.01	-57.35	-52.81			-51.50	-35.49	-21.20	-14.29
2437MHz	Pass	2.35G	2.36G	AV	2.35651G	16.01	-64.65	-60.37			-58.99	-42.98	-41.20	-1.78
2437MHz	Pass	2.36G	2.4G	AV	2.38924G	16.01	-63.68	-58.46			-57.32	-41.31	-41.20	-0.11
2437MHz	Pass	2.4G	2.4835G	AV	2.4835G	16.01	-65.33	-60.37			-59.17	-43.16	-41.20	-1.96
2437MHz	Pass	2.4835G	2.5235G	AV	2.48494G	16.01	-65.39	-60.21			-59.06	-43.05	-41.20	-1.85
2437MHz	Pass	2.5235G	2.55G	AV	2.52451G	16.01	-67.31	-62.20			-61.03	-45.02	-41.20	-3.82
2437MHz	Pass	2.35G	2.36G	PK	2.35771G	16.01	-55.57	-49.38			-48.44	-32.43	-21.20	-11.23
2437MHz	Pass	2.36G	2.4G	PK	2.3894G	16.01	-52.17	-47.03			-45.87	-29.86	-21.20	-8.66
2437MHz	Pass	2.4G	2.4835G	PK	2.4835G	16.01	-53.55	-49.16			-47.81	-31.80	-21.20	-10.60
2437MHz	Pass	2.4835G	2.5235G	PK	2.48702G	16.01	-59.19	-49.26			-48.84	-32.83	-21.20	-11.63
2437MHz	Pass	2.5235G	2.55G	PK	2.52543G	16.01	-60.60	-50.88			-50.44	-34.43	-21.20	-13.23
2457MHz	Pass	2.35G	2.36G	AV	2.3522G	16.01	-68.86	-63.80			-62.62	-46.61	-41.20	-5.41
2457MHz	Pass	2.36G	2.4G	AV	2.38668G	16.01	-67.78	-63.50			-62.12	-46.11	-41.20	-4.91
2457MHz	Pass	2.4G	2.4835G	AV	2.4835G	16.01	-65.84	-59.27			-58.41	-42.40	-41.20	-1.20
2457MHz	Pass	2.4835G	2.5235G	AV	2.48358G	16.01	-65.90	-59.40			-58.52	-42.51	-41.20	-1.31



CSE (Restricted Band)_Iron R1_Antenna set 2 (Bandedge) _P to M_P to P

Appendix F.8

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dB)	P1 (dBm)	P2 (dBm)	P3 (dBm)	P4 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2457MHz	Pass	2.5235G	2.55G	AV	2.5239G	16.01	-70.66	-65.34			-64.22	-48.21	-41.20	-7.01
2457MHz	Pass	2.35G	2.36G	PK	2.35378G	16.01	-61.84	-51.48			-51.10	-35.09	-21.20	-13.89
2457MHz	Pass	2.36G	2.4G	PK	2.37636G	16.01	-58.28	-53.59			-52.32	-36.31	-21.20	-15.11
2457MHz	Pass	2.4G	2.4835G	PK	2.4835G	16.01	-51.89	-39.23			-39.00	-22.99	-21.20	-1.79
2457MHz	Pass	2.4835G	2.5235G	PK	2.48406G	16.01	-55.71	-42.96			-42.74	-26.73	-21.20	-5.53
2457MHz	Pass	2.5235G	2.55G	PK	2.52872G	16.01	-63.73	-54.27			-53.80	-37.79	-21.20	-16.59
2462MHz	Pass	2.35G	2.36G	AV	2.35634G	16.01	-68.81	-64.62			-63.22	-47.21	-41.20	-6.01
2462MHz	Pass	2.36G	2.4G	AV	2.38708G	16.01	-68.45	-64.22			-62.83	-46.82	-41.20	-5.62
2462MHz	Pass	2.4G	2.4835G	AV	2.4835G	16.01	-63.80	-58.70			-57.53	-41.52	-41.20	-0.32
2462MHz	Pass	2.4835G	2.5235G	AV	2.4835G	16.01	-64.06	-59.09			-57.89	-41.88	-41.20	-0.68
2462MHz	Pass	2.5235G	2.55G	AV	2.52551G	16.01	-71.17	-65.88			-64.75	-48.74	-41.20	-7.54
2462MHz	Pass	2.35G	2.36G	PK	2.35668G	16.01	-59.48	-52.58			-51.77	-35.76	-21.20	-14.56
2462MHz	Pass	2.36G	2.4G	PK	2.37852G	16.01	-60.97	-53.35			-52.66	-36.65	-21.20	-15.45
2462MHz	Pass	2.4G	2.4835G	PK	2.4835G	16.01	-47.66	-41.51			-40.57	-24.56	-21.20	-3.36
2462MHz	Pass	2.4835G	2.5235G	PK	2.48378G	16.01	-53.97	-44.72			-44.23	-28.22	-21.20	-7.02
2462MHz	Pass	2.5235G	2.55G	PK	2.53184G	16.01	-66.73	-54.55			-54.29	-38.28	-21.20	-17.08
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.35G	2.36G	AV	2.3582G	16.01	-68.79	-63.45			-62.34	-46.33	-41.20	-5.13
2412MHz	Pass	2.36G	2.4G	AV	2.38984G	16.01	-65.45	-58.93			-58.06	-42.05	-41.20	-0.85
2412MHz	Pass	2.4G	2.4835G	AV	2.4835G	16.01	-69.52	-64.92			-63.63	-47.62	-41.20	-6.42
2412MHz	Pass	2.4835G	2.5235G	AV	2.48822G	16.01	-69.36	-65.04			-63.67	-47.66	-41.20	-6.46
2412MHz	Pass	2.5235G	2.55G	AV	2.52668G	16.01	-72.02	-66.34			-65.30	-49.29	-41.20	-8.09
2412MHz	Pass	2.35G	2.36G	PK	2.35853G	16.01	-59.35	-52.29			-51.51	-35.50	-21.20	-14.30
2412MHz	Pass	2.36G	2.4G	PK	2.38964G	16.01	-51.02	-38.69			-38.44	-22.43	-21.20	-1.23
2412MHz	Pass	2.4G	2.4835G	PK	2.4835G	16.01	-57.98	-53.65			-52.29	-36.28	-21.20	-15.08
2412MHz	Pass	2.4835G	2.5235G	PK	2.48938G	16.01	-59.56	-54.85			-53.59	-37.58	-21.20	-16.38
2412MHz	Pass	2.5235G	2.55G	PK	2.54724G	16.01	-65.13	-54.97			-54.57	-38.56	-21.20	-17.36
2417MHz	Pass	2.35G	2.36G	AV	2.35192G	16.01	-65.41	-60.26			-59.10	-43.09	-41.20	-1.89
2417MHz	Pass	2.36G	2.4G	AV	2.38996G	16.01	-64.97	-58.36			-57.50	-41.49	-41.20	-0.29
2417MHz	Pass	2.4G	2.4835G	AV	2.4835G	16.01	-67.12	-61.86			-60.73	-44.72	-41.20	-3.52
2417MHz	Pass	2.4835G	2.5235G	AV	2.48482G	16.01	-67.02	-61.53			-60.45	-44.44	-41.20	-3.24
2417MHz	Pass	2.5235G	2.55G	AV	2.52509G	16.01	-69.08	-62.99			-62.03	-46.02	-41.20	-4.82
2417MHz	Pass	2.35G	2.36G	PK	2.35961G	16.01	-59.00	-48.88			-48.48	-32.47	-21.20	-11.27
2417MHz	Pass	2.36G	2.4G	PK	2.38988G	16.01	-55.62	-40.57			-40.44	-24.43	-21.20	-3.23
2417MHz	Pass	2.4G	2.4835G	PK	2.4835G	16.01	-55.30	-49.96			-48.85	-32.84	-21.20	-11.64
2417MHz	Pass	2.4835G	2.5235G	PK	2.48802G	16.01	-56.09	-51.52			-50.22	-34.21	-21.20	-13.01
2417MHz	Pass	2.5235G	2.55G	PK	2.52732G	16.01	-60.36	-51.40			-50.88	-34.87	-21.20	-13.67
2437MHz	Pass	2.35G	2.36G	AV	2.35796G	16.01	-65.03	-60.18			-58.95	-42.94	-41.20	-1.74
2437MHz	Pass	2.36G	2.4G	AV	2.38896G	16.01	-63.97	-58.99			-57.79	-41.78	-41.20	-0.58
2437MHz	Pass	2.4G	2.4835G	AV	2.4835G	16.01	-65.28	-60.45			-59.22	-43.21	-41.20	-2.01
2437MHz	Pass	2.4835G	2.5235G	AV	2.48366G	16.01	-65.31	-59.95			-58.84	-42.83	-41.20	-1.63
2437MHz	Pass	2.5235G	2.55G	AV	2.52477G	16.01	-67.35	-62.30			-61.12	-45.11	-41.20	-3.91
2437MHz	Pass	2.35G	2.36G	PK	2.35175G	16.01	-55.39	-49.57			-48.56	-32.55	-21.20	-11.35
2437MHz	Pass	2.36G	2.4G	PK	2.38764G	16.01	-55.54	-46.23			-45.75	-29.74	-21.20	-8.54
2437MHz	Pass	2.4G	2.4835G	PK	2.4835G	16.01	-53.37	-49.00			-47.65	-31.64	-21.20	-10.44
2437MHz	Pass	2.4835G	2.5235G	PK	2.4835G	16.01	-57.26	-49.32			-48.67	-32.66	-21.20	-11.46
2437MHz	Pass	2.5235G	2.55G	PK	2.5306G	16.01	-59.87	-51.24			-50.68	-34.67	-21.20	-13.47
2457MHz	Pass	2.35G	2.36G	AV	2.35184G	16.01	-68.85	-64.38			-63.05	-47.04	-41.20	-5.84
2457MHz	Pass	2.36G	2.4G	AV	2.3854G	16.01	-68.25	-64.08			-62.67	-46.66	-41.20	-5.46
2457MHz	Pass	2.4G	2.4835G	AV	2.4835G	16.01	-65.54	-58.85			-58.01	-42.00	-41.20	-0.80
2457MHz	Pass	2.4835G	2.5235G	AV	2.4835G	16.01	-65.65	-59.08			-58.22	-42.21	-41.20	-1.01
2457MHz	Pass	2.5235G	2.55G	AV	2.5262G	16.01	-71.27	-66.05			-64.91	-48.90	-41.20	-7.70
2457MHz	Pass	2.35G	2.36G	PK	2.35863G	16.01	-63.93	-51.94			-51.67	-35.66	-21.20	-14.46
2457MHz	Pass	2.36G	2.4G	PK	2.38324G	16.01	-61.97	-52.18			-51.75	-35.74	-21.20	-14.54
2457MHz	Pass	2.4G	2.4835G	PK	2.4835G	16.01	-50.87	-38.12			-37.90	-21.89	-21.20	-0.69
2457MHz	Pass	2.4835G	2.5235G	PK	2.4839G	16.01	-57.87	-39.86			-39.79	-23.78	-21.20	-2.58
2457MHz	Pass	2.5235G	2.55G	PK	2.53773G	16.01	-63.92	-53.53			-53.15	-37.14	-21.20	-15.94
2462MHz	Pass	2.35G	2.36G	AV	2.35469G	16.01	-73.04	-65.28			-64.61	-48.60	-41.20	-7.40
2462MHz	Pass	2.36G	2.4G	AV	2.37016G	16.01	-70.84	-64.94			-63.95	-47.94	-41.20	-6.74
2462MHz	Pass	2.4G	2.4835G	AV	2.4835G	16.01	-64.77	-58.83			-57.84	-41.83	-41.20	-0.63
2462MHz	Pass	2.4835G	2.5235G	AV	2.4835G	16.01	-64.94	-58.90			-57.93	-41.92	-41.20	-0.72
2462MHz	Pass	2.5235G	2.55G	AV	2.52551G	16.01	-74.25	-66.32			-65.67	-49.66	-41.20	-8.46
2462MHz	Pass	2.35G	2.36G	PK	2.35475G	16.01	-66.68	-56.00			-55.64	-39.63	-21.20	-18.43
2462MHz	Pass	2.36G	2.4G	PK	2.36412G	16.01	-63.33	-55.70			-55.01	-39.00	-21.20	-17.80
2462MHz	Pass	2.4G	2.4835G	PK	2.4835G	16.01	-49.05	-41.61			-40.89	-24.88	-21.20	-3.68
2462MHz	Pass	2.4835G	2.5235G	PK	2.48434G	16.01	-56.80	-45.33			-45.03	-29.02	-21.20	-7.82
2462MHz	Pass	2.5235G	2.55G	PK	2.53023G	16.01	-63.40	-58.32			-57.15	-41.14	-21.20	-19.94
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.35G	2.36G	AV	2.35189G	19.02	-74.79	-69.76	-68.97	-69.32	-64.17	-45.15	-41.20	-3.95
2412MHz	Pass	2.36G	2.4G	AV	2.366G	19.02	-72.28	-66.07	-65.95	-65.04	-60.59	-41.57	-41.20	-0.37



CSE (Restricted Band)_Iron R1_Antenna set 2 (Bandedge)
_P to M_P to P

Appendix F.8

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dB)	P1 (dBm)	P2 (dBm)	P3 (dBm)	P4 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2412MHz	Pass	2.4G	2.4835G	AV	2.4835G	19.02	-75.00	-72.03	-73.06	-69.76	-66.03	-47.01	-41.20	-5.81
2412MHz	Pass	2.4835G	2.5235G	AV	2.49598G	19.02	-74.31	-70.47	-71.62	-69.26	-65.03	-46.01	-41.20	-4.81
2412MHz	Pass	2.5235G	2.55G	AV	2.54388G	19.02	-76.47	-73.22	-73.53	-70.56	-66.94	-47.92	-41.20	-6.72
2412MHz	Pass	2.35G	2.36G	PK	2.35898G	19.02	-66.24	-61.36	-60.62	-58.10	-54.70	-35.68	-21.20	-14.48
2412MHz	Pass	2.36G	2.4G	PK	2.36588G	19.02	-63.68	-56.83	-57.45	-55.59	-51.51	-32.49	-21.20	-11.29
2412MHz	Pass	2.4G	2.4835G	PK	2.4835G	19.02	-62.99	-60.33	-60.38	-57.35	-53.78	-34.76	-21.20	-13.56
2412MHz	Pass	2.4835G	2.5235G	PK	2.48638G	19.02	-71.36	-61.57	-64.91	-57.70	-55.54	-36.52	-21.20	-15.32
2412MHz	Pass	2.5235G	2.55G	PK	2.53031G	19.02	-69.38	-66.14	-67.03	-53.05	-52.59	-33.57	-21.20	-12.37
2437MHz	Pass	2.35G	2.36G	AV	2.35208G	19.02	-72.11	-67.32	-66.35	-68.89	-62.16	-43.14	-41.20	-1.94
2437MHz	Pass	2.36G	2.4G	AV	2.38952G	19.02	-71.07	-65.53	-66.81	-65.71	-60.78	-41.76	-41.20	-0.56
2437MHz	Pass	2.4G	2.4835G	AV	2.4835G	19.02	-72.82	-68.56	-69.26	-68.20	-63.36	-44.34	-41.20	-3.14
2437MHz	Pass	2.4835G	2.5235G	AV	2.49594G	19.02	-72.27	-68.05	-68.16	-68.10	-62.81	-43.79	-41.20	-2.59
2437MHz	Pass	2.5235G	2.55G	AV	2.53186G	19.02	-75.32	-70.25	-71.45	-68.74	-64.83	-45.81	-41.20	-4.61
2437MHz	Pass	2.35G	2.36G	PK	2.35188G	19.02	-61.99	-58.92	-57.28	-57.16	-52.43	-33.41	-21.20	-12.21
2437MHz	Pass	2.36G	2.4G	PK	2.38948G	19.02	-62.74	-56.74	-55.80	-57.16	-51.42	-32.40	-21.20	-11.20
2437MHz	Pass	2.4G	2.4835G	PK	2.4835G	19.02	-60.32	-57.16	-56.74	-56.45	-51.41	-32.39	-21.20	-11.19
2437MHz	Pass	2.4835G	2.5235G	PK	2.49586G	19.02	-60.80	-59.83	-59.64	-59.84	-53.98	-34.96	-21.20	-13.76
2437MHz	Pass	2.5235G	2.55G	PK	2.53861G	19.02	-62.74	-61.12	-63.39	-57.90	-54.70	-35.68	-21.20	-14.48
2462MHz	Pass	2.35G	2.36G	AV	2.35208G	19.02	-72.17	-64.46	-66.57	-68.54	-61.08	-42.06	-41.20	-0.86
2462MHz	Pass	2.36G	2.4G	AV	2.37596G	19.02	-71.09	-63.81	-67.75	-68.86	-61.01	-41.99	-41.20	-0.79
2462MHz	Pass	2.4G	2.4835G	AV	2.4835G	19.02	-72.25	-63.95	-67.34	-66.42	-60.58	-41.56	-41.20	-0.36
2462MHz	Pass	2.4835G	2.5235G	AV	2.4835G	19.02	-72.41	-64.21	-66.87	-67.13	-60.78	-41.76	-41.20	-0.56
2462MHz	Pass	2.5235G	2.55G	AV	2.52814G	19.02	-73.99	-66.25	-70.45	-68.98	-63.07	-44.05	-41.20	-2.85
2462MHz	Pass	2.35G	2.36G	PK	2.35992G	19.02	-66.52	-51.11	-62.34	-62.56	-50.41	-31.39	-21.20	-10.19
2462MHz	Pass	2.36G	2.4G	PK	2.3628G	19.02	-63.72	-56.61	-60.76	-55.43	-52.00	-32.98	-21.20	-11.78
2462MHz	Pass	2.4G	2.4835G	PK	2.4835G	19.02	-59.36	-49.34	-53.33	-53.25	-46.54	-27.52	-21.20	-6.32
2462MHz	Pass	2.4835G	2.5235G	PK	2.48354G	19.02	-64.88	-51.50	-59.99	-56.38	-49.70	-30.68	-21.20	-9.48
2462MHz	Pass	2.5235G	2.55G	PK	2.52623G	19.02	-64.68	-56.28	-58.51	-62.58	-53.32	-34.30	-21.20	-13.10
802.11g_Nss1(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.35G	2.36G	AV	2.35188G	19.02	-72.10	-67.63	-66.86	-69.22	-62.52	-43.50	-41.20	-2.30
2412MHz	Pass	2.36G	2.4G	AV	2.39G	19.02	-71.21	-67.40	-66.05	-67.79	-61.72	-42.70	-41.20	-1.50
2412MHz	Pass	2.4G	2.4835G	AV	2.4835G	19.02	-73.82	-69.22	-70.92	-69.60	-64.54	-45.52	-41.20	-4.32
2412MHz	Pass	2.4835G	2.5235G	AV	2.4959G	19.02	-73.54	-68.42	-70.13	-69.67	-64.06	-45.04	-41.20	-3.84
2412MHz	Pass	2.5235G	2.55G	AV	2.54391G	19.02	-74.76	-70.98	-71.56	-70.86	-65.77	-46.75	-41.20	-5.55
2412MHz	Pass	2.35G	2.36G	PK	2.35212G	19.02	-62.01	-57.94	-59.41	-59.54	-53.47	-34.45	-21.20	-13.25
2412MHz	Pass	2.36G	2.4G	PK	2.38976G	19.02	-63.27	-47.56	-47.20	-44.90	-41.58	-22.56	-21.20	-1.36
2412MHz	Pass	2.4G	2.4835G	PK	2.4835G	19.02	-61.08	-58.04	-58.39	-57.57	-52.56	-33.54	-21.20	-12.34
2412MHz	Pass	2.4835G	2.5235G	PK	2.5121G	19.02	-68.73	-62.08	-58.93	-57.82	-54.34	-35.32	-21.20	-14.12
2412MHz	Pass	2.5235G	2.55G	PK	2.53179G	19.02	-69.37	-62.74	-64.74	-52.42	-51.73	-32.71	-21.20	-11.51
2437MHz	Pass	2.35G	2.36G	AV	2.35196G	19.02	-71.06	-66.20	-65.19	-68.05	-61.09	-42.07	-41.20	-0.87
2437MHz	Pass	2.36G	2.4G	AV	2.38996G	19.02	-70.62	-64.99	-66.03	-66.06	-60.45	-41.43	-41.20	-0.23
2437MHz	Pass	2.4G	2.4835G	AV	2.4835G	19.02	-72.00	-67.45	-68.05	-66.95	-62.21	-43.19	-41.20	-1.99
2437MHz	Pass	2.4835G	2.5235G	AV	2.49598G	19.02	-71.56	-66.02	-67.45	-67.05	-61.57	-42.55	-41.20	-1.35
2437MHz	Pass	2.5235G	2.55G	AV	2.52578G	19.02	-73.81	-68.62	-69.73	-67.86	-63.48	-44.46	-41.20	-3.26
2437MHz	Pass	2.35G	2.36G	PK	2.35191G	19.02	-62.46	-57.08	-54.86	-59.36	-51.58	-32.56	-21.20	-11.36
2437MHz	Pass	2.36G	2.4G	PK	2.38904G	19.02	-63.58	-54.05	-58.74	-56.72	-51.06	-32.04	-21.20	-10.84
2437MHz	Pass	2.4G	2.4835G	PK	2.4835G	19.02	-60.10	-55.01	-56.80	-54.09	-49.95	-30.93	-21.20	-9.73
2437MHz	Pass	2.4835G	2.5235G	PK	2.49246G	19.02	-64.45	-59.62	-52.49	-59.25	-50.82	-31.80	-21.20	-10.60
2437MHz	Pass	2.5235G	2.55G	PK	2.52944G	19.02	-67.60	-62.35	-61.93	-54.73	-53.22	-34.20	-21.20	-13.00
2457MHz	Pass	2.35G	2.36G	AV	2.35193G	19.02	-72.92	-68.54	-67.28	-70.35	-63.28	-44.26	-41.20	-3.06
2457MHz	Pass	2.36G	2.4G	AV	2.37592G	19.02	-71.78	-68.28	-69.31	-70.19	-63.69	-44.67	-41.20	-3.47
2457MHz	Pass	2.4G	2.4835G	AV	2.4835G	19.02	-73.22	-65.33	-65.86	-64.96	-60.37	-41.35	-41.20	-0.15
2457MHz	Pass	2.4835G	2.5235G	AV	2.48354G	19.02	-73.22	-65.19	-66.14	-65.43	-60.56	-41.54	-41.20	-0.34
2457MHz	Pass	2.5235G	2.55G	AV	2.52541G	19.02	-75.35	-70.80	-71.69	-70.09	-65.56	-46.54	-41.20	-5.34
2457MHz	Pass	2.35G	2.36G	PK	2.35065G	19.02	-65.87	-57.12	-60.34	-59.53	-53.73	-34.71	-21.20	-13.51
2457MHz	Pass	2.36G	2.4G	PK	2.3796G	19.02	-63.23	-57.93	-62.81	-58.48	-53.95	-34.93	-21.20	-13.73
2457MHz	Pass	2.4G	2.4835G	PK	2.4835G	19.02	-60.75	-50.04	-52.03	-50.55	-45.88	-26.86	-21.20	-5.66
2457MHz	Pass	2.4835G	2.5235G	PK	2.48354G	19.02	-66.49	-53.72	-56.92	-55.21	-50.22	-31.20	-21.20	-10.00
2457MHz	Pass	2.5235G	2.55G	PK	2.52803G	19.02	-69.91	-62.30	-63.73	-58.09	-55.74	-36.72	-21.20	-15.52
2462MHz	Pass	2.35G	2.36G	AV	2.35202G	19.02	-74.09	-69.22	-67.56	-71.49	-63.93	-44.91	-41.20	-3.71
2462MHz	Pass	2.36G	2.4G	AV	2.376G	19.02	-73.23	-69.21	-69.16	-70.88	-64.31	-45.29	-41.20	-4.09
2462MHz	Pass	2.4G	2.4835G	AV	2.4835G	19.02	-72.73	-66.44	-66.85	-64.86	-60.90	-41.88	-41.20	-0.68
2462MHz	Pass	2.4835G	2.5235G	AV	2.4835G	19.02	-72.91	-66.66	-66.88	-65.05	-61.05	-42.03	-41.20	-0.83
2462MHz	Pass	2.5235G	2.55G	AV	2.52448G	19.02	-76.66	-71.27	-71.98	-71.19	-66.28	-47.26	-41.20	-6.06
2462MHz	Pass	2.35G	2.36G	PK	2.35189G	19.02	-65.20	-61.85	-57.91	-62.98	-55.12	-36.10	-21.20	-14.90
2462MHz	Pass	2.36G	2.4G	PK	2.3778G	19.02	-68.01	-60.63	-57.73	-64.10	-55.09	-36.07	-21.20	-14.87
2462MHz	Pass	2.4G	2.4835G	PK	2.4835G	19.02	-58.28	-47.15	-47.21	-46.69	-42.13	-23.11	-21.20	-1.91
2462MHz	Pass	2.4835G	2.5235G	PK	2.4835G	19.02	-65.41	-50.06	-53.11	-49.19	-45.67	-26.65	-21.20	-5.45
2462MHz	Pass	2.5235G	2.55G	PK	2.54385G	19.02	-70.41	-63.91	-62.03	-60.27	-56.85	-37.83	-21.20	-16.63
802.11ax_HEW20_Nss1(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-



CSE (Restricted Band)_Iron R1_Antenna set 2 (Bandedge)
_P to M_P to P

Appendix F.8

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	P3 (dBm)	P4 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2412MHz	Pass	2.35G	2.36G	AV	2.35194G	19.02	-73.23	-68.32	-68.10	-70.45	-63.57	-44.55	-41.20	-3.35
2412MHz	Pass	2.36G	2.4G	AV	2.38972G	19.02	-71.66	-68.69	-65.44	-68.81	-62.07	-43.05	-41.20	-1.85
2412MHz	Pass	2.4G	2.4835G	AV	2.4835G	19.02	-74.97	-70.91	-71.90	-70.55	-65.76	-46.74	-41.20	-5.54
2412MHz	Pass	2.4835G	2.5235G	AV	2.49594G	19.02	-74.28	-69.74	-70.78	-70.80	-65.08	-46.06	-41.20	-4.86
2412MHz	Pass	2.5235G	2.55G	AV	2.54396G	19.02	-75.94	-72.12	-72.56	-72.14	-66.92	-47.90	-41.20	-6.70
2412MHz	Pass	2.35G	2.36G	PK	2.35149G	19.02	-63.76	-60.04	-53.88	-65.15	-52.36	-33.34	-21.20	-12.14
2412MHz	Pass	2.36G	2.4G	PK	2.3894G	19.02	-62.07	-43.20	-50.98	-47.42	-41.27	-22.25	-21.20	-1.05
2412MHz	Pass	2.4G	2.4835G	PK	2.4835G	19.02	-62.26	-59.50	-59.73	-58.75	-53.86	-34.84	-21.20	-13.64
2412MHz	Pass	2.4835G	2.5235G	PK	2.4921G	19.02	-68.67	-60.24	-62.49	-60.97	-56.12	-37.10	-21.20	-15.90
2412MHz	Pass	2.5235G	2.55G	PK	2.53198G	19.02	-70.37	-64.76	-64.12	-54.02	-53.21	-34.19	-21.20	-12.99
2437MHz	Pass	2.35G	2.36G	AV	2.35193G	19.02	-72.47	-67.71	-64.13	-66.82	-60.86	-41.84	-41.20	-0.64
2437MHz	Pass	2.36G	2.4G	AV	2.38992G	19.02	-72.01	-67.33	-65.35	-65.37	-60.81	-41.79	-41.20	-0.59
2437MHz	Pass	2.4G	2.4835G	AV	2.4835G	19.02	-73.40	-69.47	-67.22	-66.02	-62.23	-43.21	-41.20	-2.01
2437MHz	Pass	2.4835G	2.5235G	AV	2.49594G	19.02	-73.27	-68.51	-66.52	-66.14	-61.84	-42.82	-41.20	-1.62
2437MHz	Pass	2.5235G	2.55G	AV	2.52406G	19.02	-75.62	-71.09	-68.39	-67.09	-63.51	-44.49	-41.20	-3.29
2437MHz	Pass	2.35G	2.36G	PK	2.35191G	19.02	-63.67	-57.92	-54.32	-60.42	-51.77	-32.75	-21.20	-11.55
2437MHz	Pass	2.36G	2.4G	PK	2.38816G	19.02	-64.47	-61.84	-53.37	-60.87	-51.92	-32.90	-21.20	-11.70
2437MHz	Pass	2.4G	2.4835G	PK	2.4835G	19.02	-60.96	-57.66	-55.74	-57.09	-51.46	-32.44	-21.20	-11.24
2437MHz	Pass	2.4835G	2.5235G	PK	2.50378G	19.02	-65.09	-60.18	-55.79	-60.69	-53.23	-34.21	-21.20	-13.01
2437MHz	Pass	2.5235G	2.55G	PK	2.52787G	19.02	-68.79	-61.65	-58.67	-59.84	-54.93	-35.91	-21.20	-14.71
2462MHz	Pass	2.3G	2.36G	AV	2.32802G	19.02	-74.57	-68.94	-69.45	-73.56	-64.95	-45.93	-41.20	-4.73
2462MHz	Pass	2.36G	2.4G	AV	2.37604G	19.02	-70.82	-68.13	-67.92	-70.30	-63.09	-44.07	-41.20	-2.87
2462MHz	Pass	2.4G	2.4835G	AV	2.4835G	19.02	-69.99	-67.04	-67.50	-64.66	-60.87	-41.85	-41.20	-0.65
2462MHz	Pass	2.4835G	2.5235G	AV	2.48362G	19.02	-70.98	-66.70	-67.10	-64.97	-60.93	-41.91	-41.20	-0.71
2462MHz	Pass	2.5235G	2.6G	AV	2.59197G	19.02	-76.38	-68.12	-72.85	-72.66	-65.48	-46.46	-41.20	-5.26
2462MHz	Pass	2.35G	2.36G	PK	2.35198G	19.02	-63.52	-59.50	-58.43	-62.57	-54.49	-35.47	-21.20	-14.27
2462MHz	Pass	2.36G	2.4G	PK	2.36176G	19.02	-61.86	-58.11	-60.18	-57.36	-53.02	-34.00	-21.20	-12.80
2462MHz	Pass	2.4G	2.4835G	PK	2.4835G	19.02	-60.62	-57.10	-56.37	-52.28	-49.57	-30.55	-21.20	-9.35
2462MHz	Pass	2.4835G	2.5235G	PK	2.48398G	19.02	-61.21	-58.42	-55.92	-53.09	-50.15	-31.13	-21.20	-9.93
2462MHz	Pass	2.5235G	2.55G	PK	2.52477G	19.02	-64.47	-61.18	-60.35	-60.79	-55.41	-36.39	-21.20	-15.19

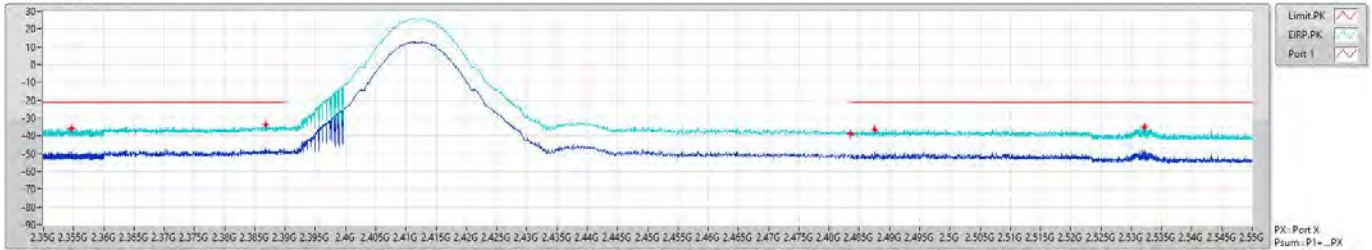
DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

802.11b_Nss1,(1Mbps)_1TX

2412MHz

CSE Bandedge [PK]

20/08/2022



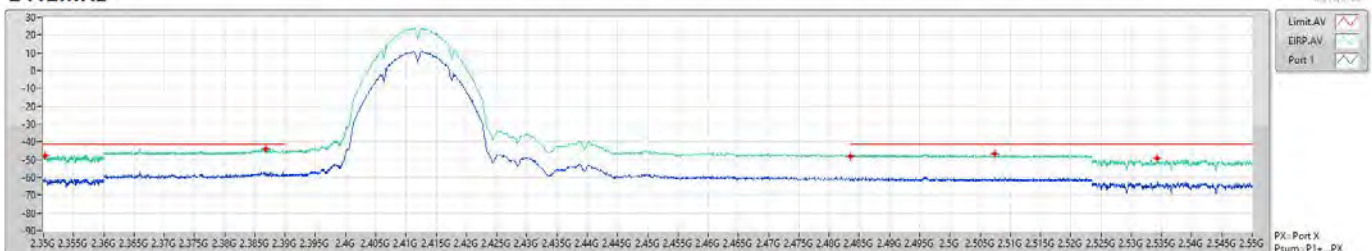
F_Start(Hz)	F_Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)
2.350	2.360	1M	PK	2.35467G	-55.96	-21.20	-14.76	13.00	0.00	-48.96	-48.96
2.360	2.400	1M	PK	2.38604G	-33.75	-21.20	-12.55	13.00	0.00	-46.75	-46.75
2.400	2.4835G	1M	PK	2.4835G	-38.71	-21.20	-17.51	13.00	0.00	-51.71	-51.71
2.4835G	2.5235G	1M	PK	2.48767G	-36.43	-21.20	-15.23	13.00	0.00	-49.43	-49.43
2.5235G	2.550	1M	PK	2.53222G	-55.08	-21.20	-13.88	13.00	0.00	-48.08	-48.08

802.11b_Nss1,(1Mbps)_1TX

2412MHz

CSE Bandedge [AV]

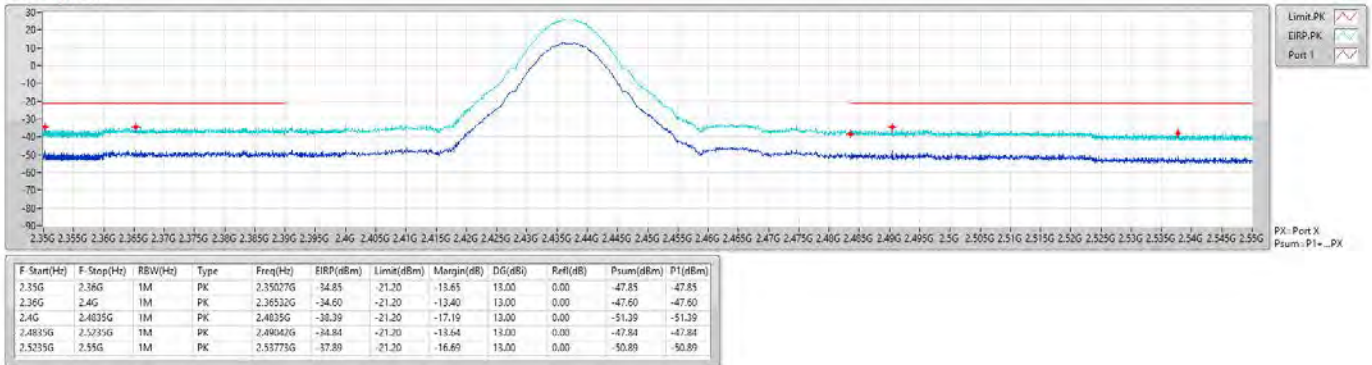
20/08/2022



F_Start(Hz)	F_Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)
2.350	2.360	1M	AV	2.35025G	-47.88	-41.20	-6.68	13.00	0.00	-60.68	-60.68
2.360	2.400	1M	AV	2.38676G	-43.96	-41.20	-2.76	13.00	0.00	-56.96	-56.96
2.400	2.4835G	1M	AV	2.4835G	-48.35	-41.20	-7.15	13.00	0.00	-61.35	-61.35
2.4835G	2.5235G	1M	AV	2.50788G	-47.00	-41.20	-5.80	13.00	0.00	-60.00	-60.00
2.5235G	2.550	1M	AV	2.53429G	-49.45	-41.20	-8.25	13.00	0.00	-62.45	-62.45

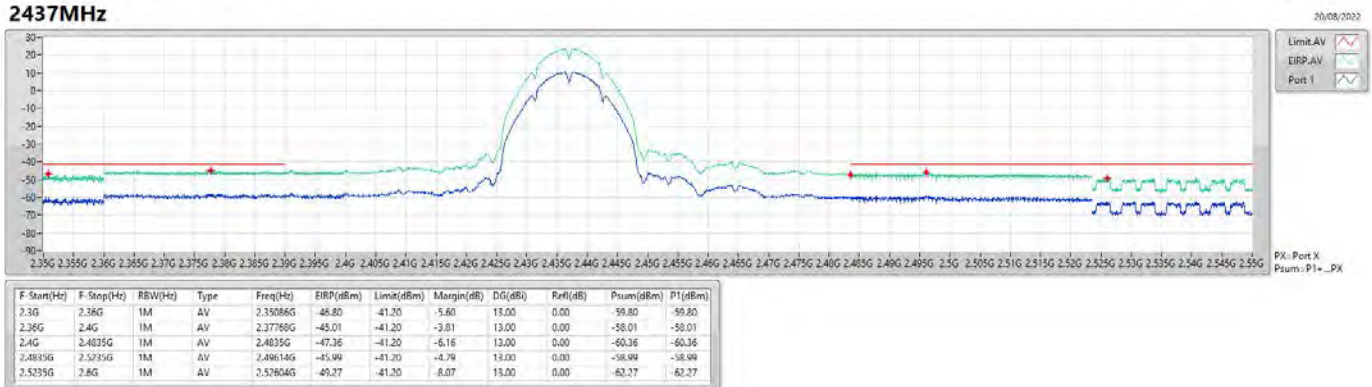
802.11b_Nss1,(1Mbps)_1TX
2437MHz

CSE Bandedge [PK]



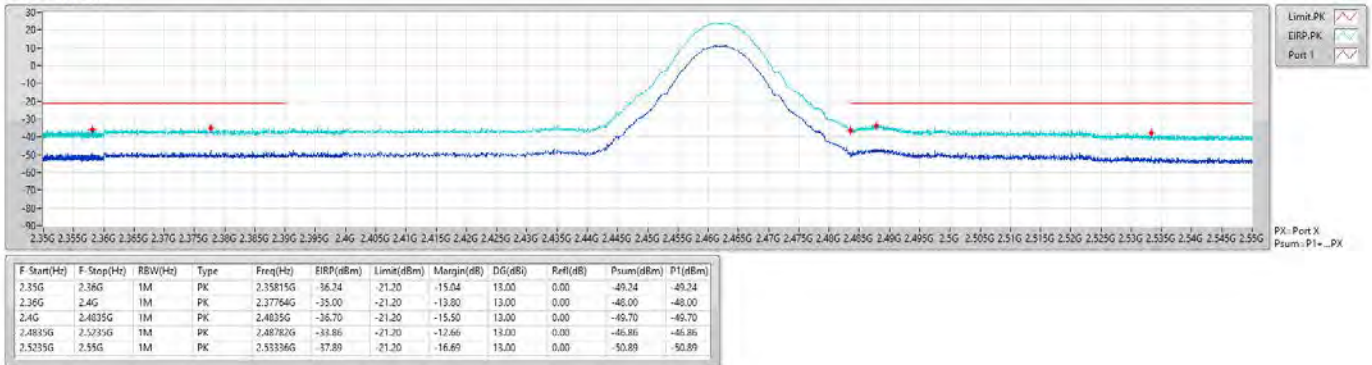
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CSE Bandedge [AV]



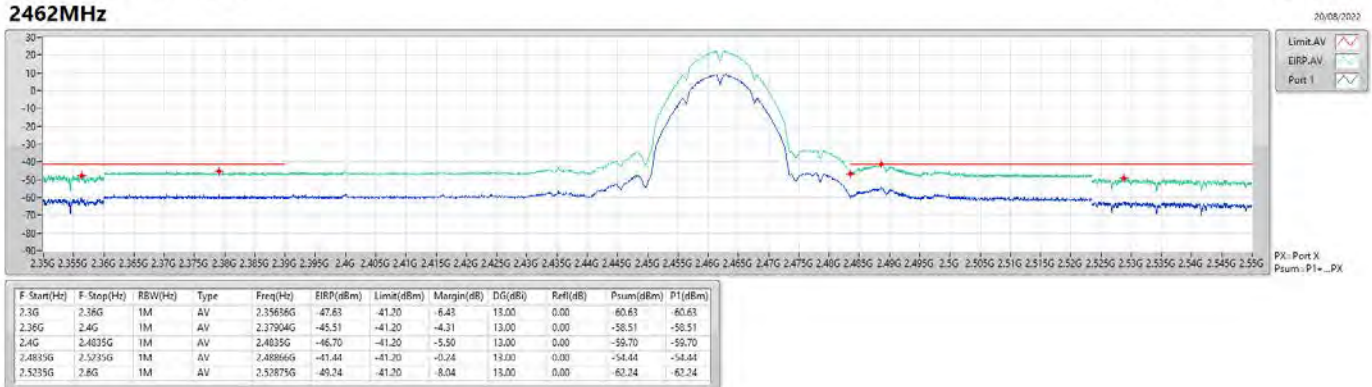
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2462MHz

CSE Bandedge [PK]



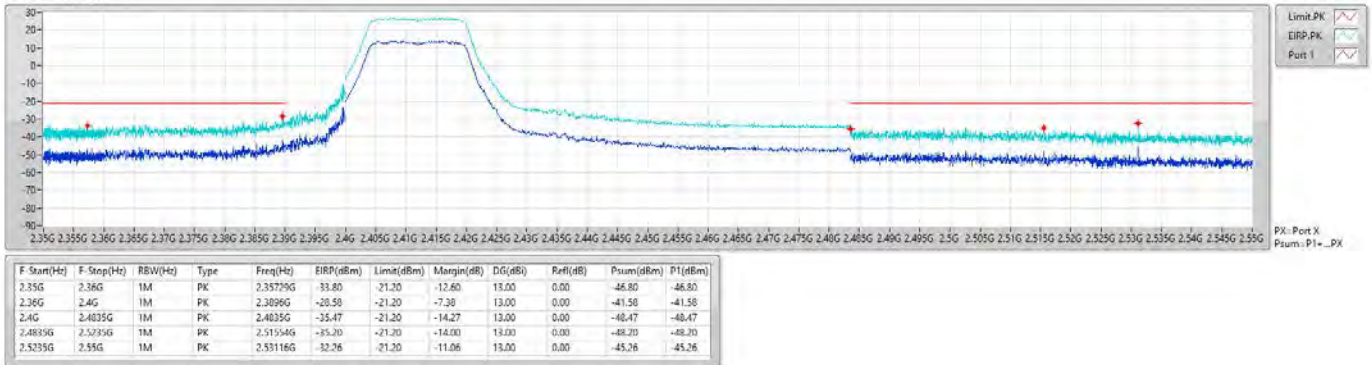
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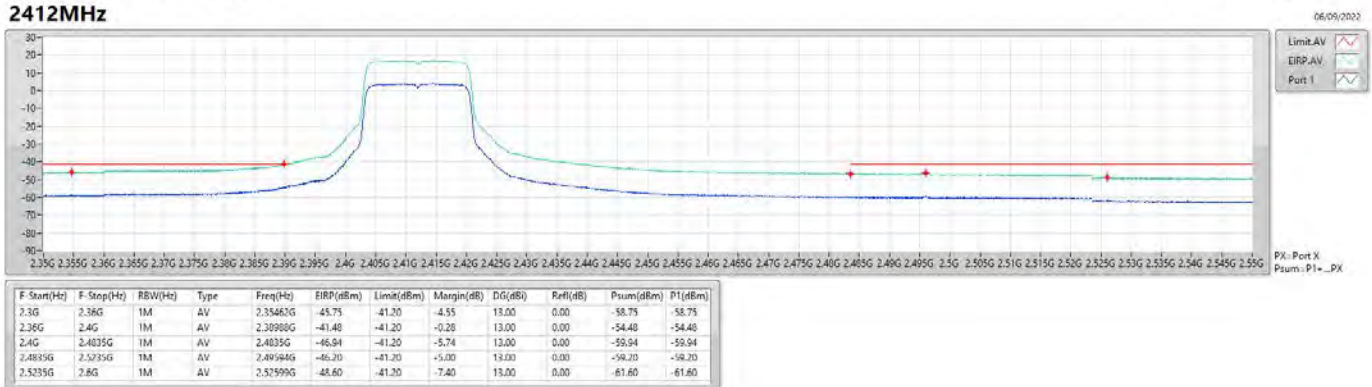
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CSE Bandedge [PK]



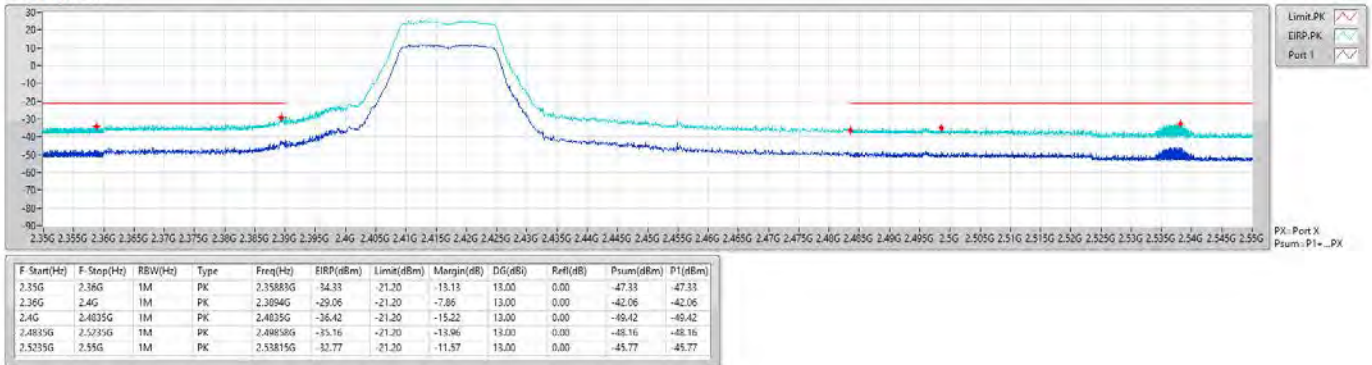
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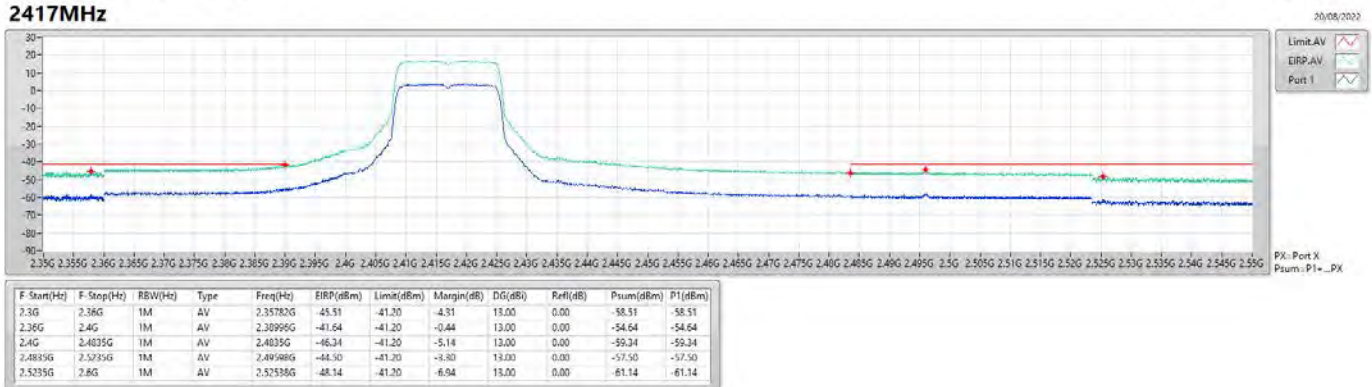
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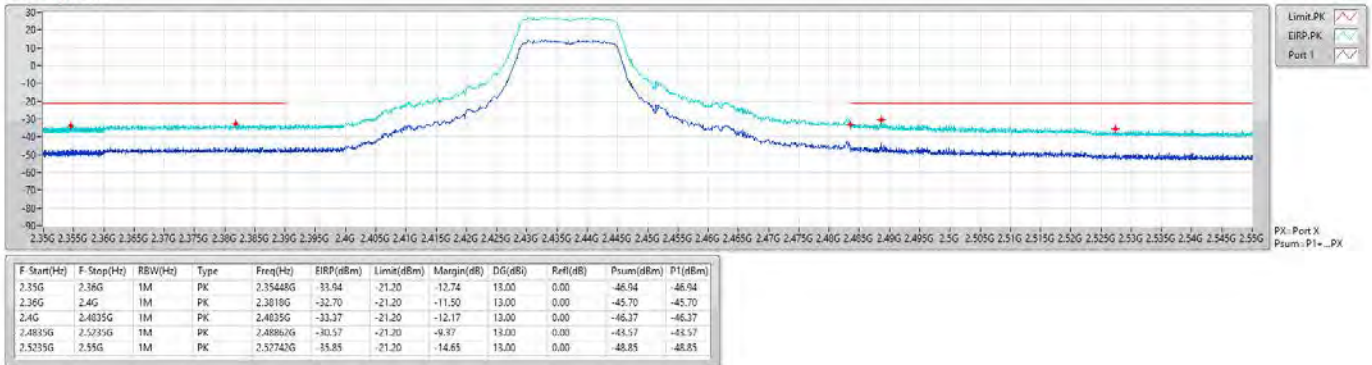
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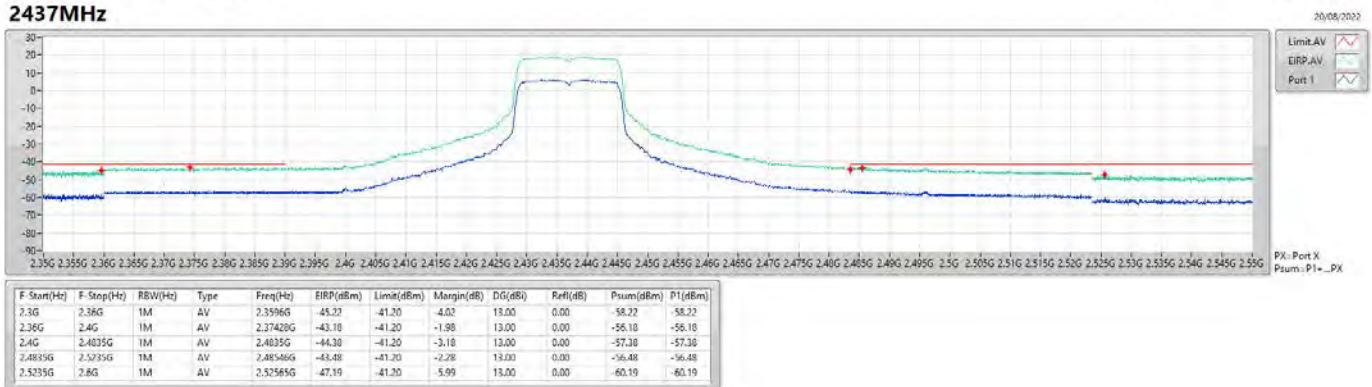
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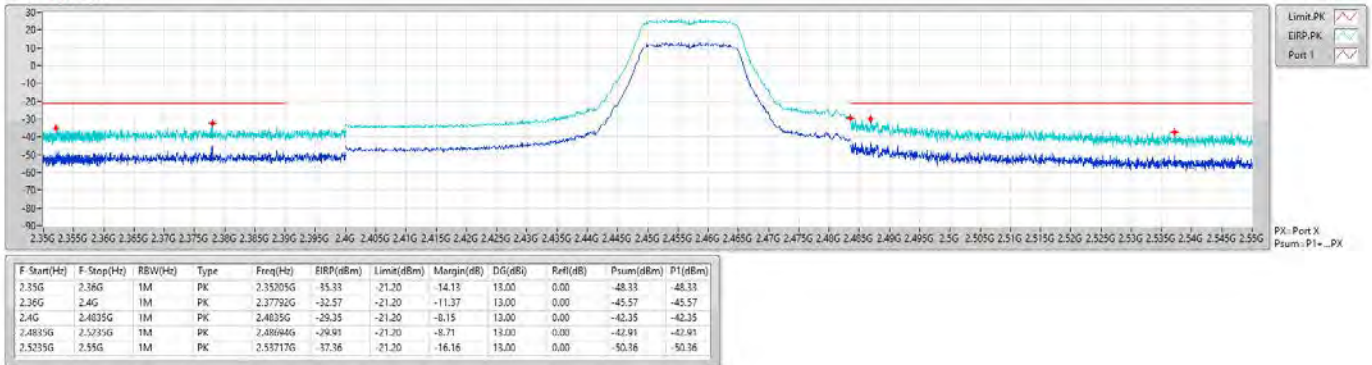
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CSE Bandedge [AV]



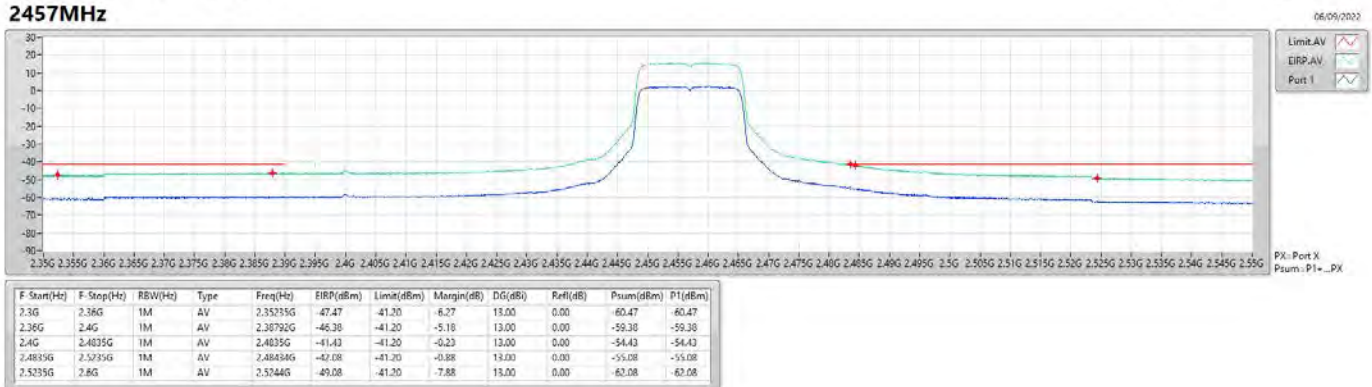
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CSE Bandedge [PK]



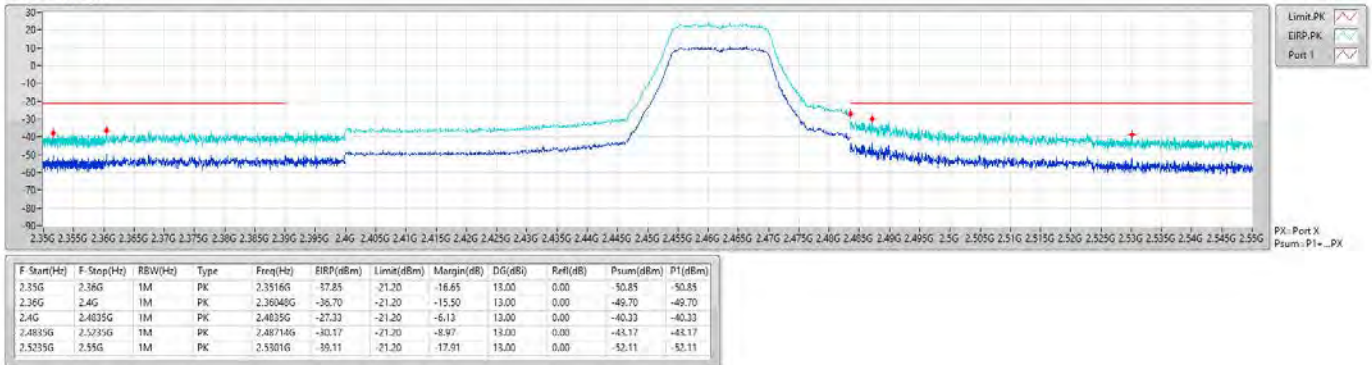
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CSE Bandedge [AV]



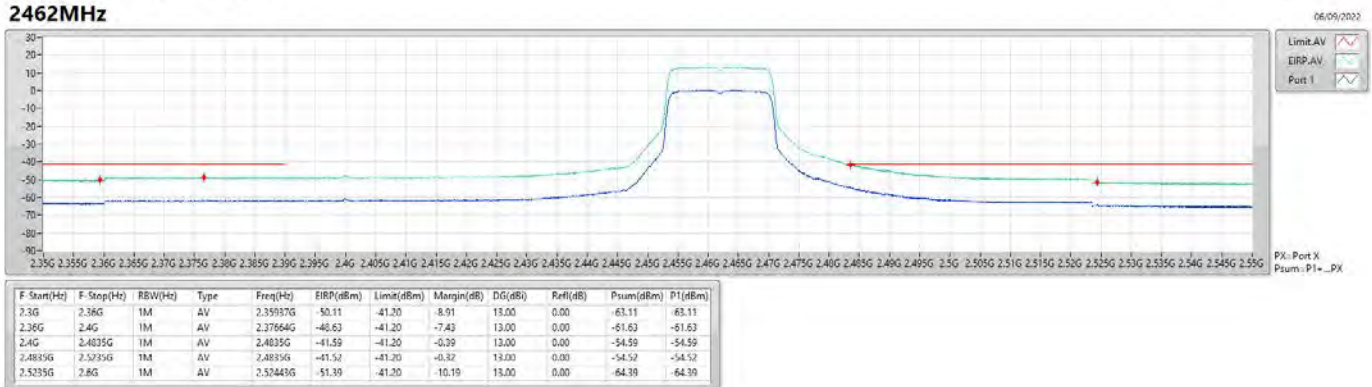
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2462MHz

CSE Bandedge [PK]



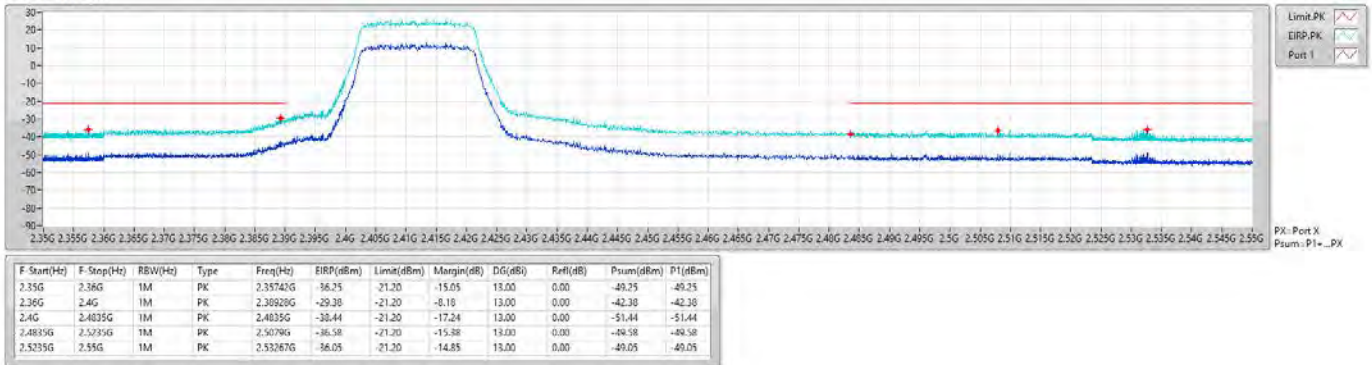
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CSE Bandedge [AV]



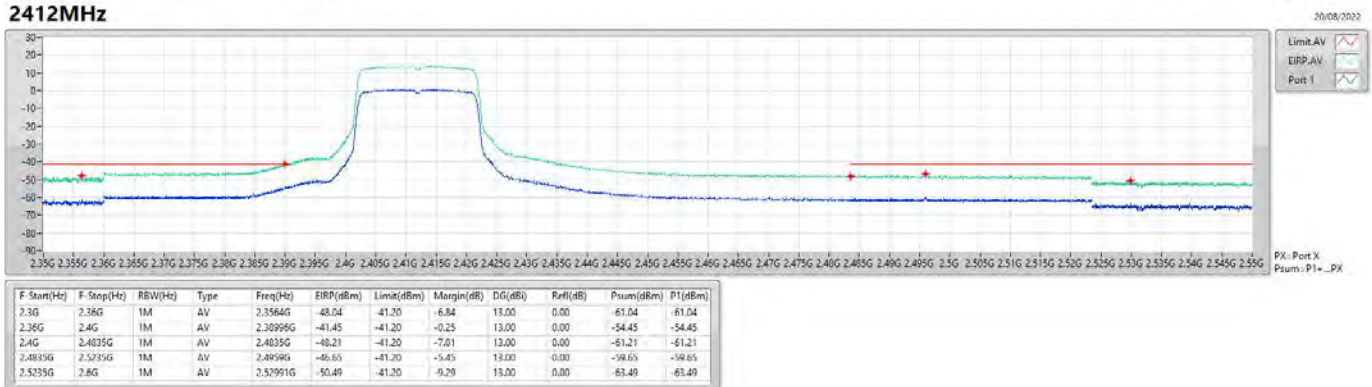
802.11ax HEW20_Nss1,(MCS0)_1TX
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CSE Bandedge [PK]



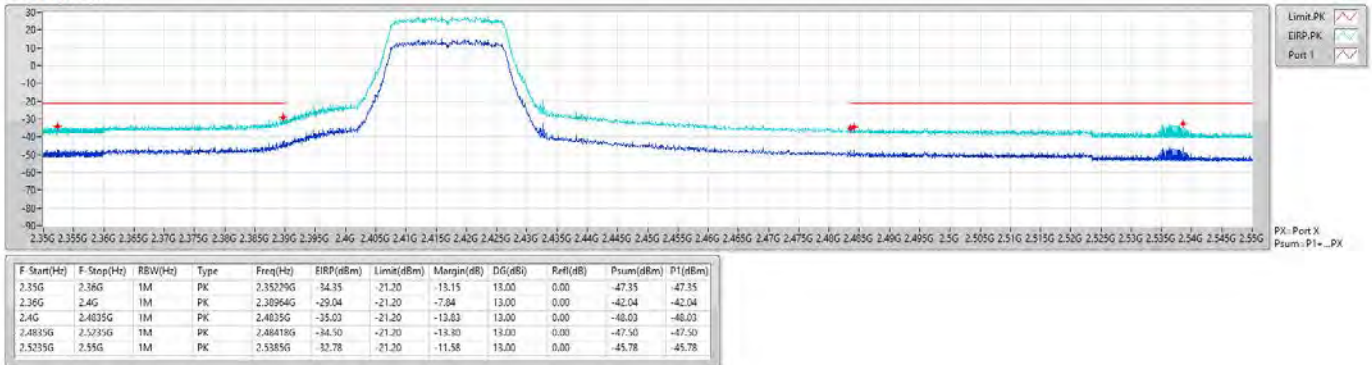
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CSE Bandedge [AV]



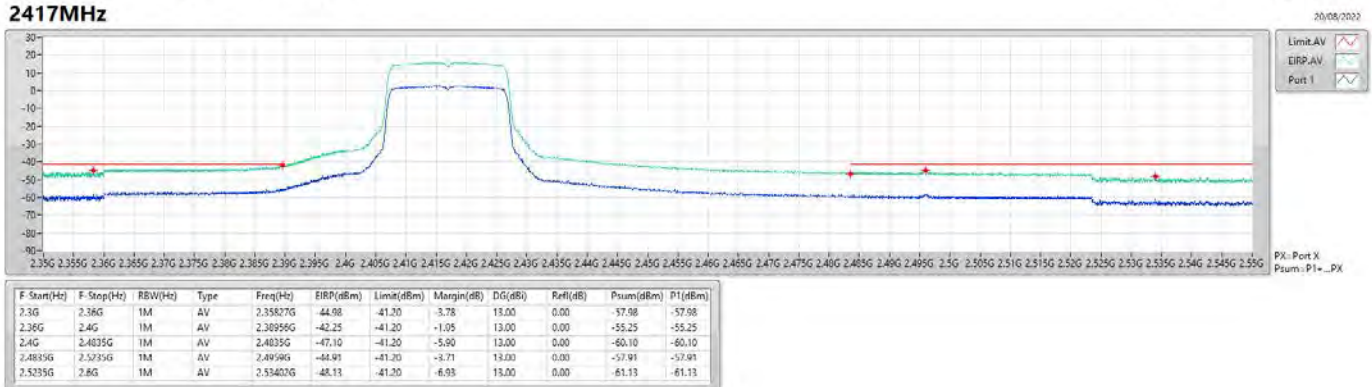
802.11ax HEW20_Nss1,(MCS0)_1TX
2417MHz

CSE Bandedge [PK]



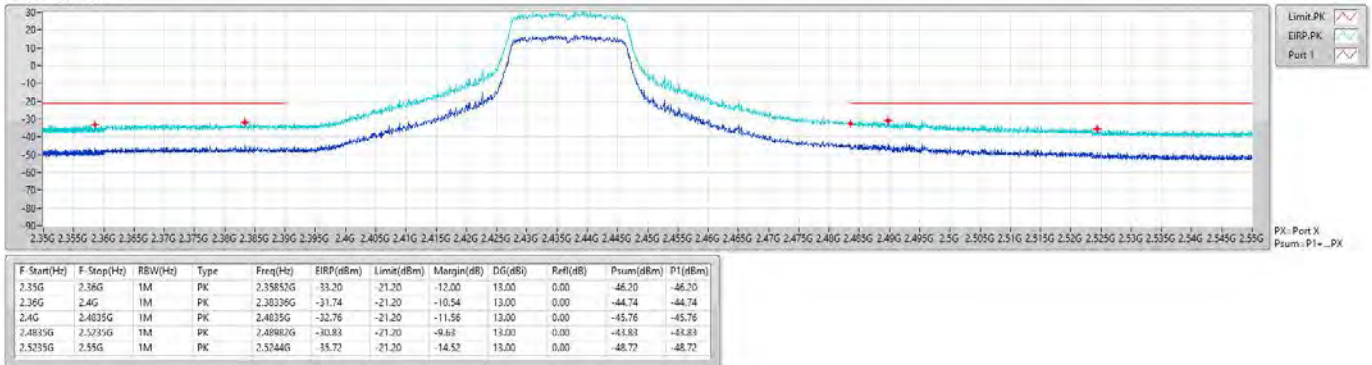
802.11ax HEW20_Nss1,(MCS0)_1TX
2417MHz

CSE Bandedge [AV]



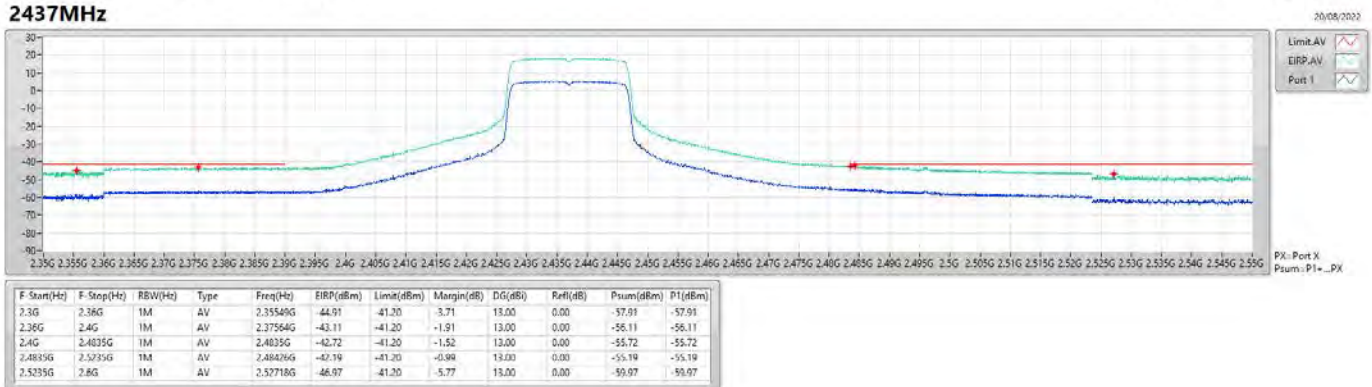
802.11ax HEW20_Nss1,(MCS0)_1TX
2437MHz

CSE Bandedge [PK]



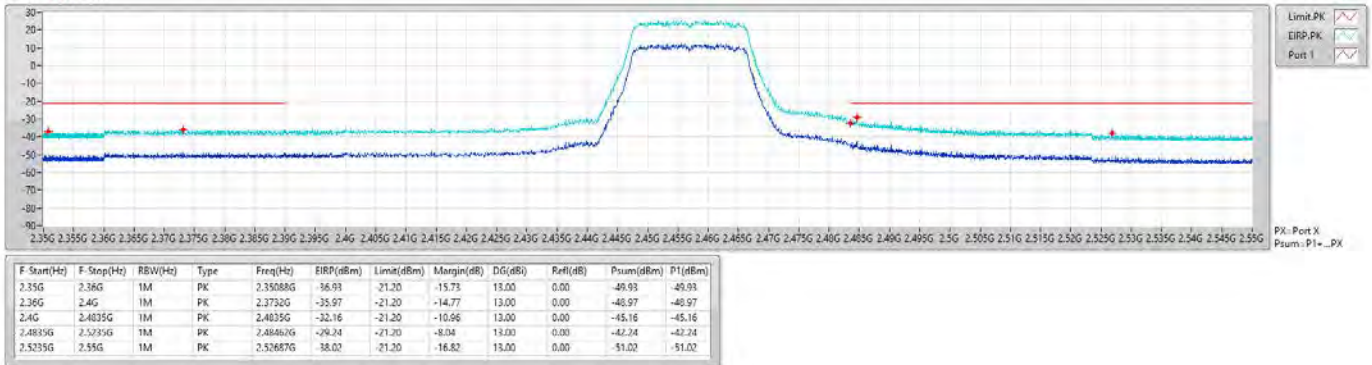
802.11ax HEW20_Nss1,(MCS0)_1TX
2437MHz

CSE Bandedge [AV]



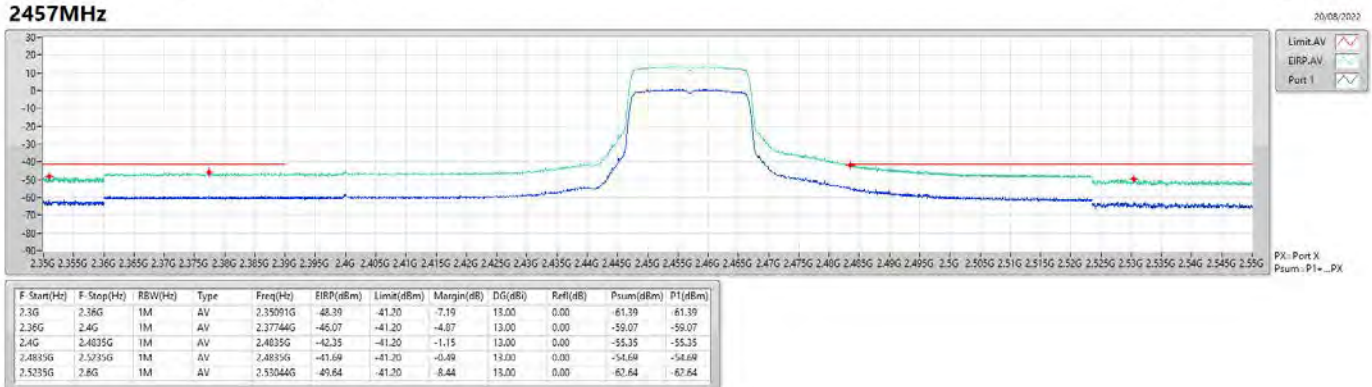
802.11ax HEW20_Nss1,(MCS0)_1TX
2457MHz

CSE Bandedge [PK]



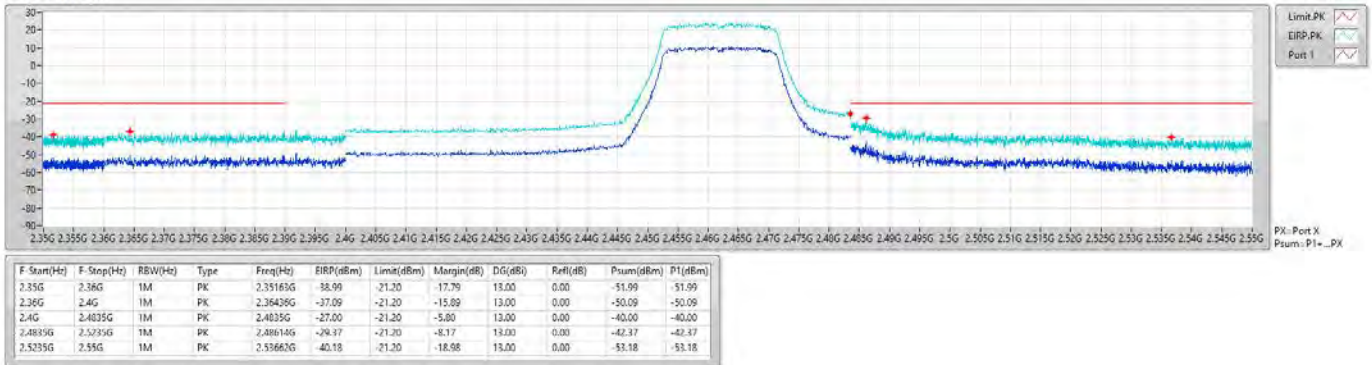
802.11ax HEW20_Nss1,(MCS0)_1TX
2457MHz

CSE Bandedge [AV]



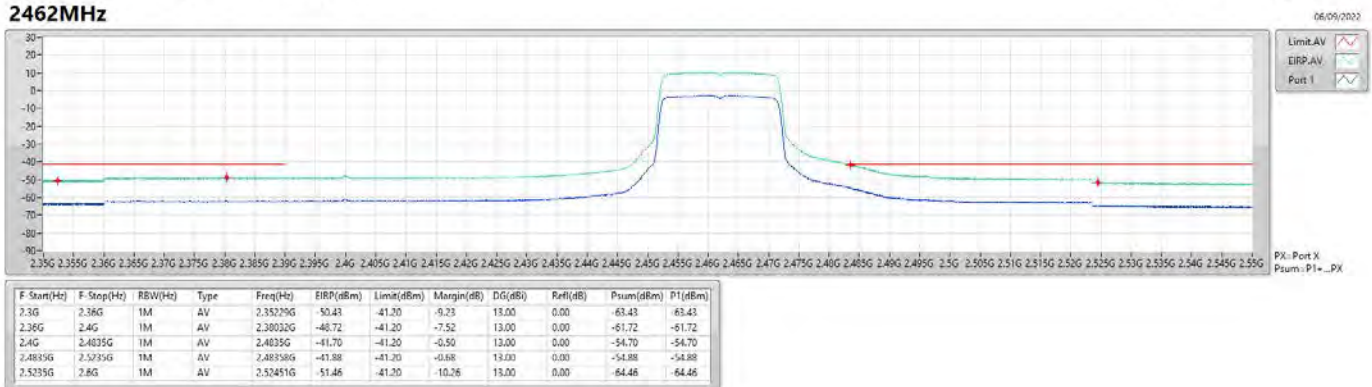
802.11ax HEW20_Nss1,(MCS0)_1TX
2462MHz

CSE Bandedge [PK]



802.11ax HEW20_Nss1,(MCS0)_1TX
2462MHz

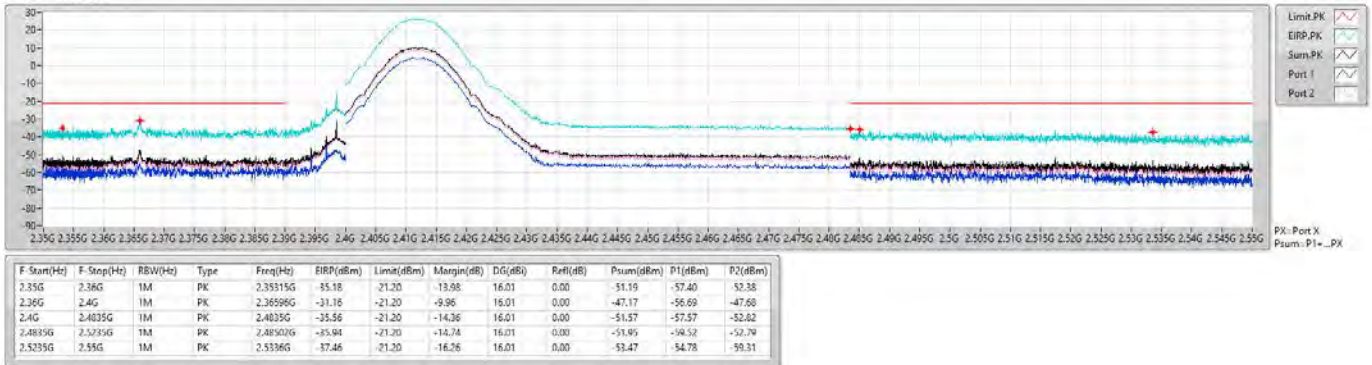
CSE Bandedge [AV]



802.11b_Nss1,(1Mbps)_2TX

2412MHz

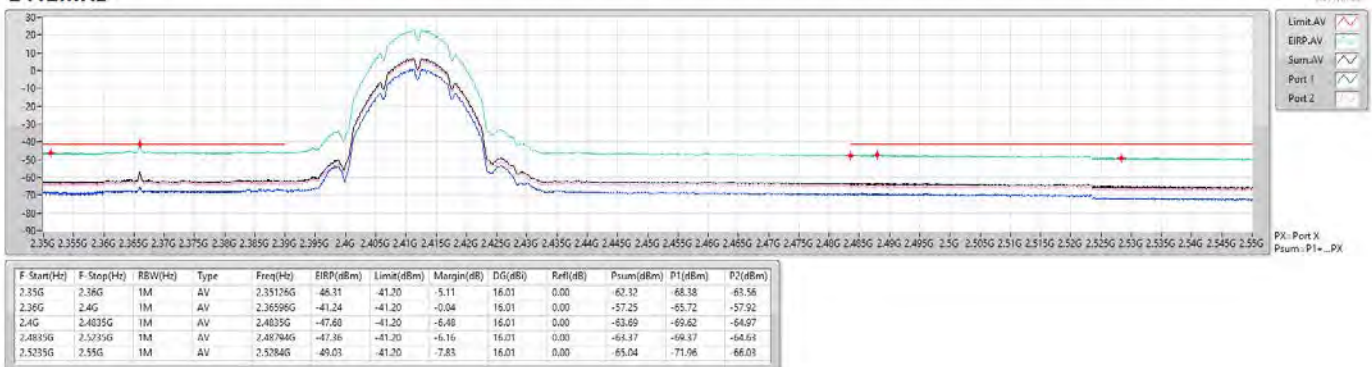
CSE Bandedge [PK]



802.11b_Nss1,(1Mbps)_2TX

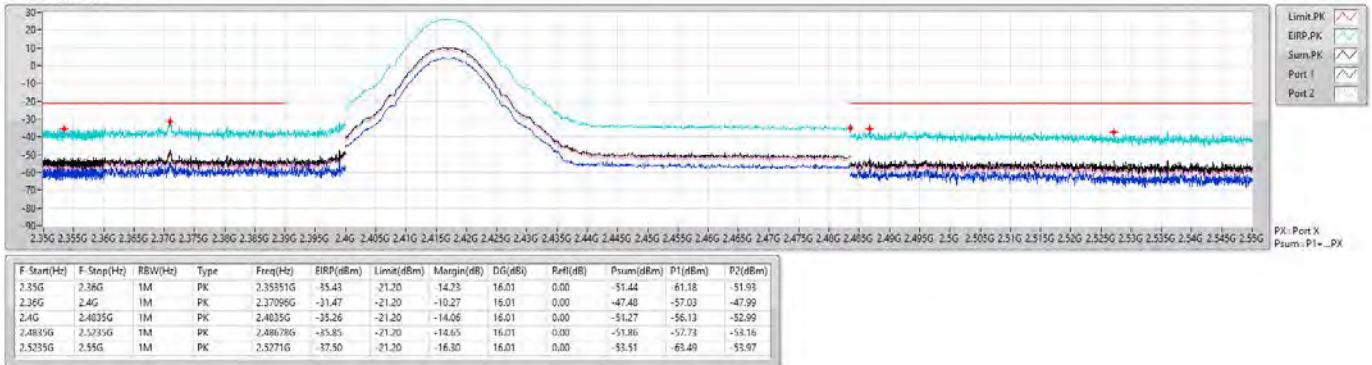
2412MHz

CSE Bandedge [AV]



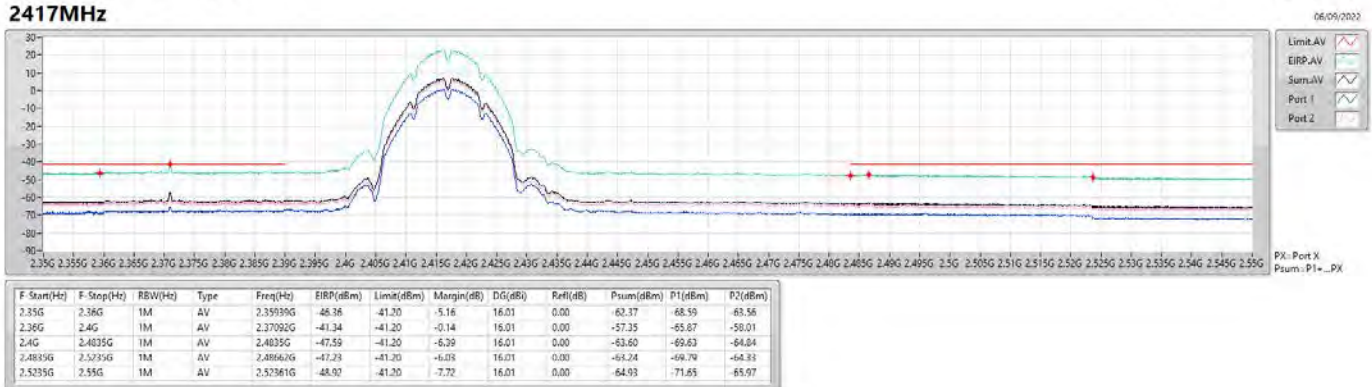
802.11b_Nss1,(1Mbps)_2TX
2417MHz

CSE Bandedge [PK]



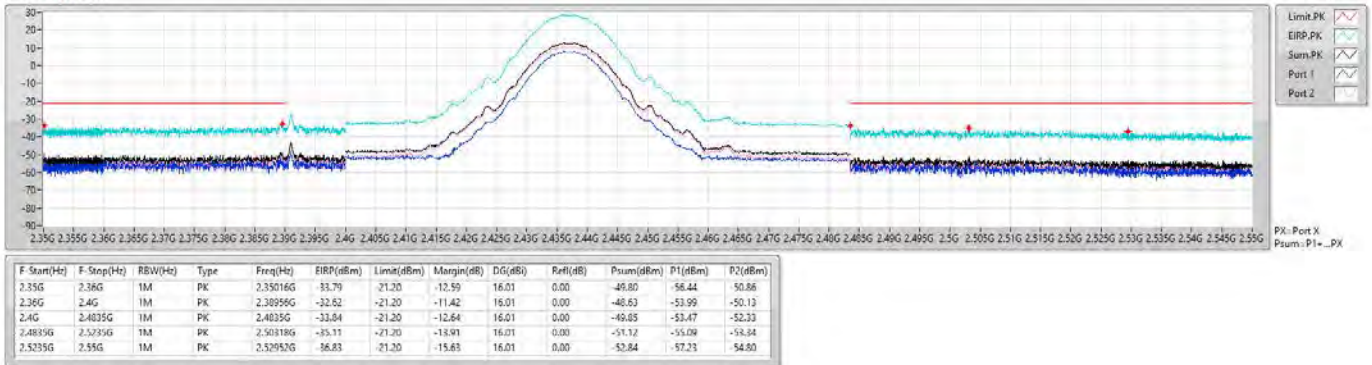
802.11b_Nss1,(1Mbps)_2TX
2417MHz

CSE Bandedge [AV]



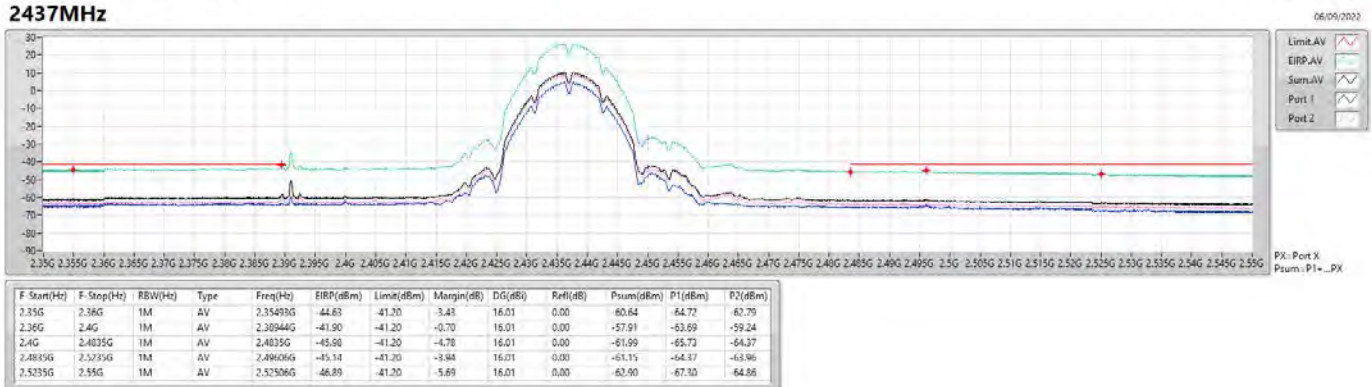
802.11b_Nss1,(1Mbps)_2TX
2437MHz

CSE Bandedge [PK]



802.11b_Nss1,(1Mbps)_2TX
2437MHz

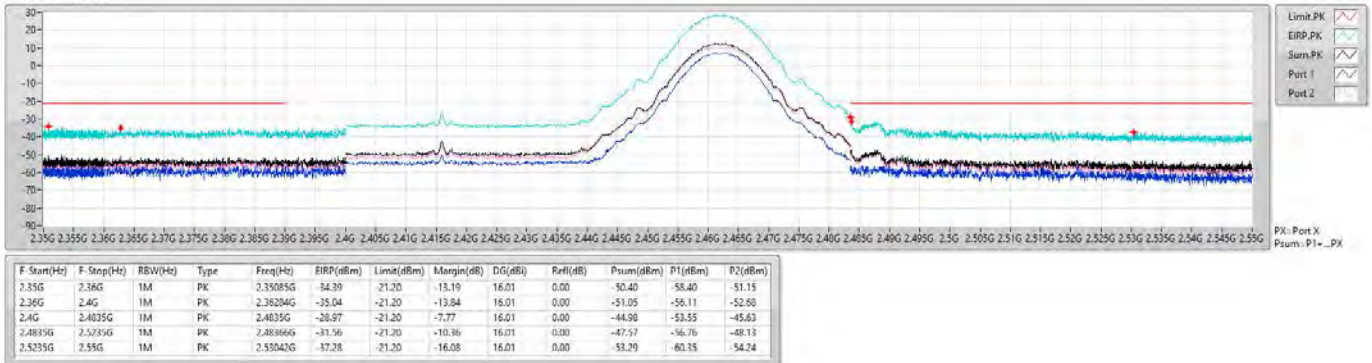
CSE Bandedge [AV]



802.11b_Nss1,(1Mbps)_2TX

2462MHz

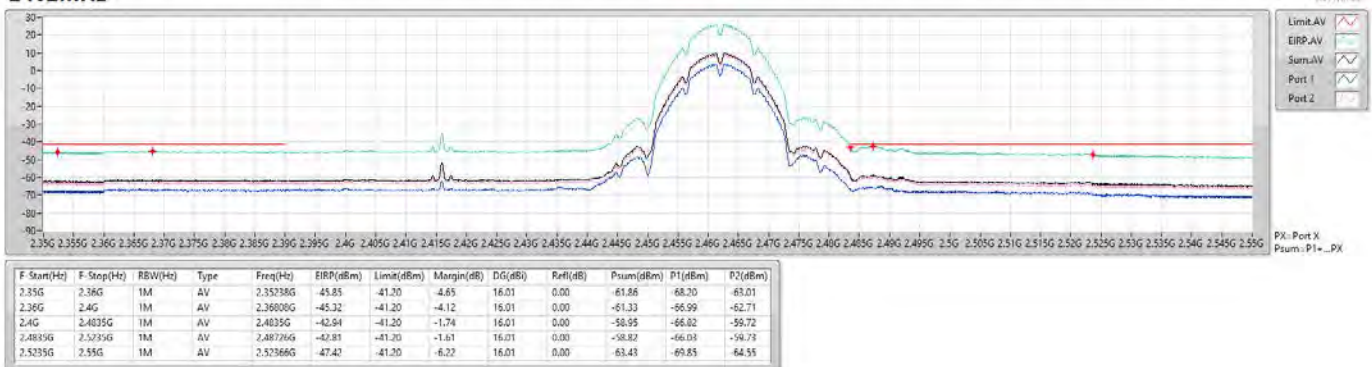
CSE Bandedge [PK]



802.11b_Nss1,(1Mbps)_2TX

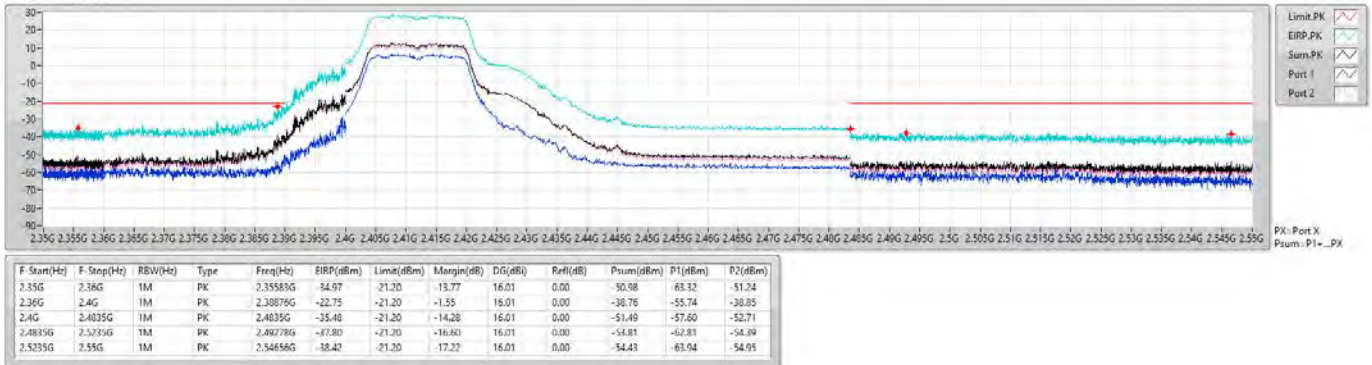
2462MHz

CSE Bandedge [AV]



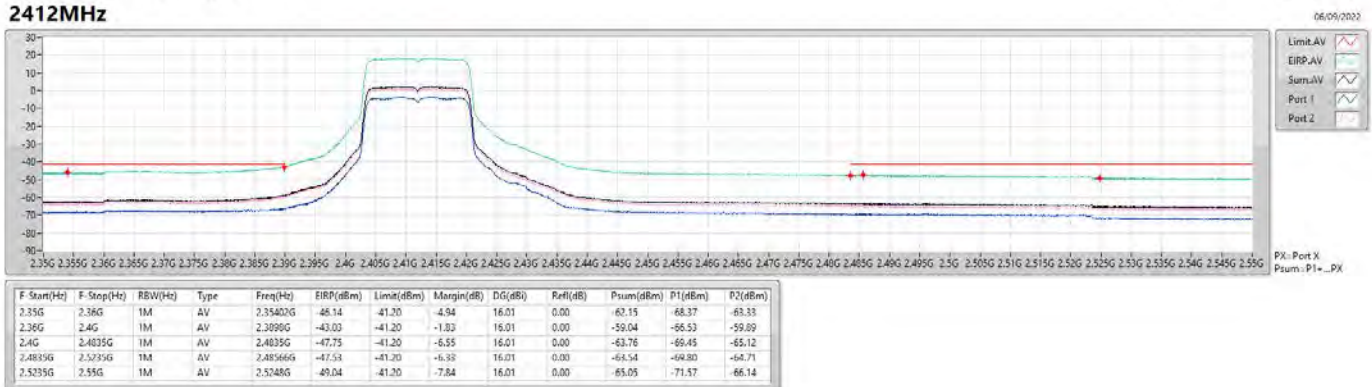
802.11g_Nss1,(6Mbps)_2TX
2412MHz

CSE Bandedge [PK]



802.11g_Nss1,(6Mbps)_2TX
2412MHz

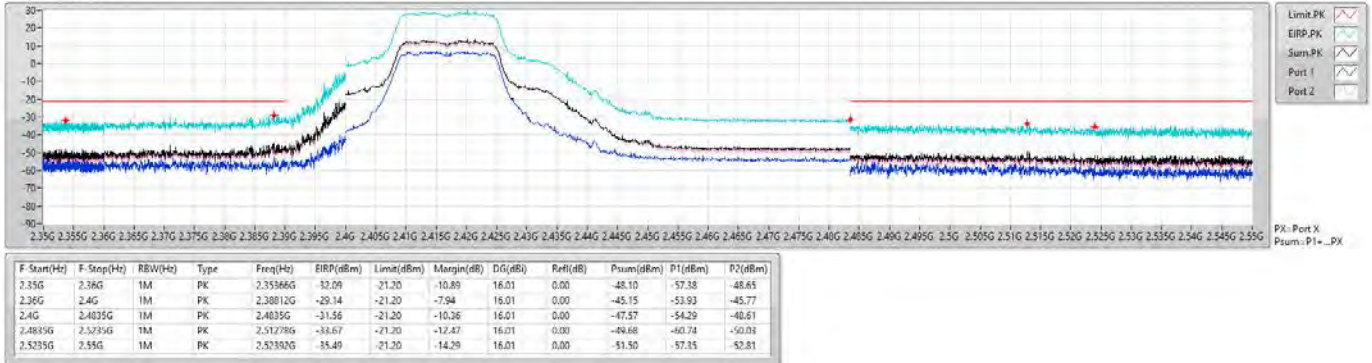
CSE Bandedge [AV]



802.11g_Nss1,(6Mbps)_2TX

2417MHz

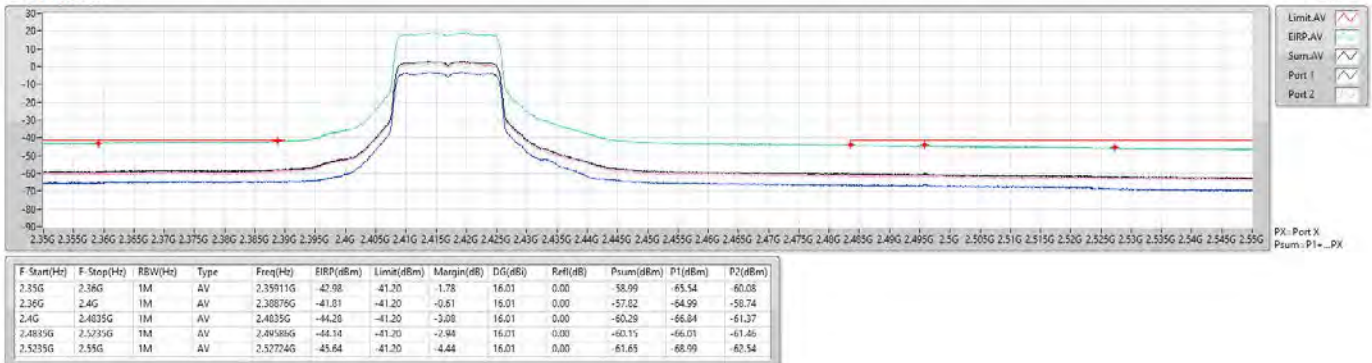
CSE Bandedge [PK]



802.11g_Nss1,(6Mbps)_2TX

2417MHz

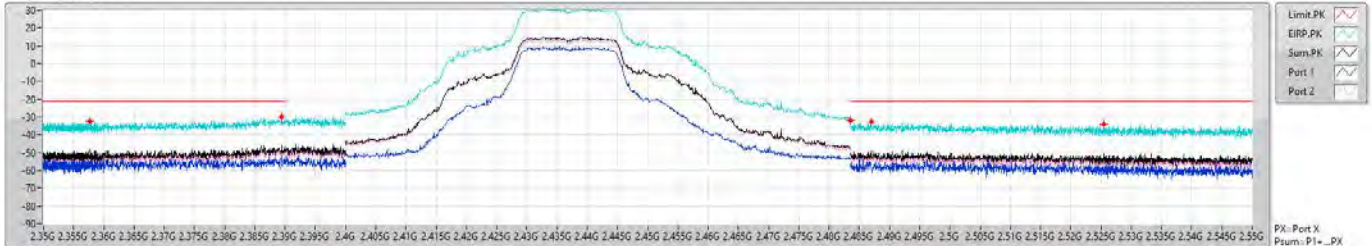
CSE Bandedge [AV]



802.11g_Nss1,(6Mbps)_2TX

2437MHz

CSE Bandedge [PK]

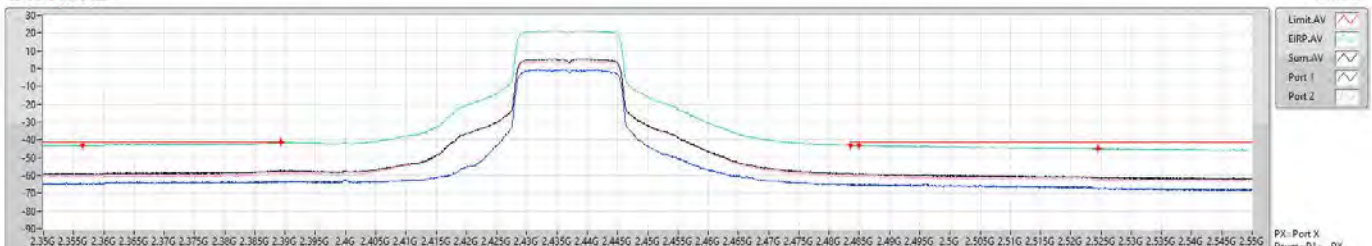


F_Start(Hz)	F_Stop(Hz)	RENI(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Rd(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
2.35G	2.36G	1M	PK	2.35771G	-32.43	-21.20	-11.23	16.01	0.00	-48.44	-55.57	-49.38
2.36G	2.4G	1M	PK	2.3694G	-29.86	-21.20	-8.66	16.01	0.00	-45.97	-52.17	-47.03
2.4G	2.4035G	1M	PK	2.4035G	-31.00	-21.20	-9.80	16.01	0.00	-47.81	-53.55	-49.16
2.4035G	2.5235G	1M	PK	2.40702G	-32.83	-21.20	-11.63	16.01	0.00	-48.84	-54.19	-49.26
2.5235G	2.55G	1M	PK	2.52543G	-34.43	-21.20	-13.23	16.01	0.00	-50.44	-60.80	-50.88

802.11g_Nss1,(6Mbps)_2TX

2437MHz

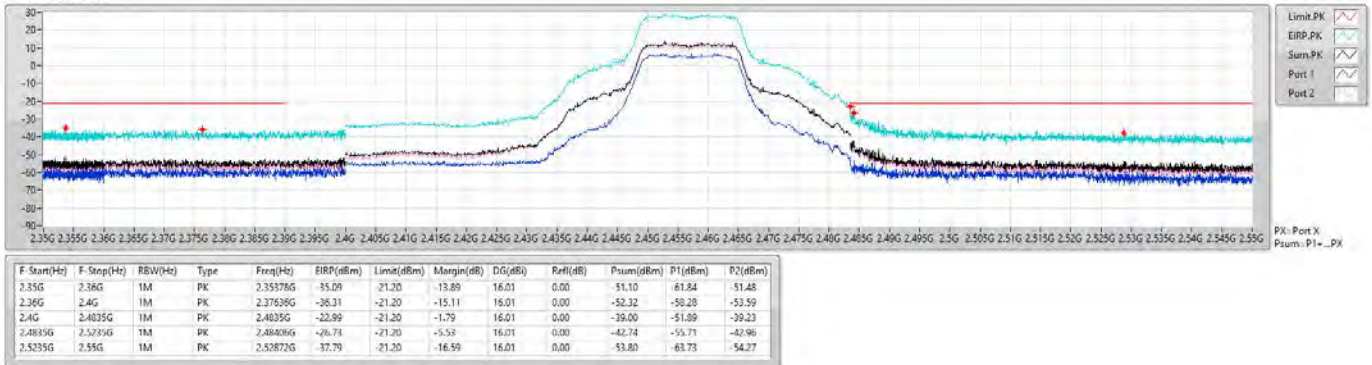
CSE Bandedge [AV]



F_Start(Hz)	F_Stop(Hz)	RENI(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Rd(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
2.35G	2.36G	1M	AV	2.35651G	-42.98	-41.20	-1.78	16.01	0.00	-58.99	-64.65	-60.37
2.36G	2.4G	1M	AV	2.36924G	-41.31	-41.20	-0.11	16.01	0.00	-57.32	-63.68	-59.46
2.4G	2.4035G	1M	AV	2.4035G	-43.16	-41.20	-1.96	16.01	0.00	-59.17	-65.33	-60.37
2.4035G	2.5235G	1M	AV	2.40494G	-48.05	-41.20	-6.85	16.01	0.00	-59.06	-65.39	-60.21
2.5235G	2.55G	1M	AV	2.52451G	-45.02	-41.20	-3.82	16.01	0.00	-61.03	-67.31	-62.20

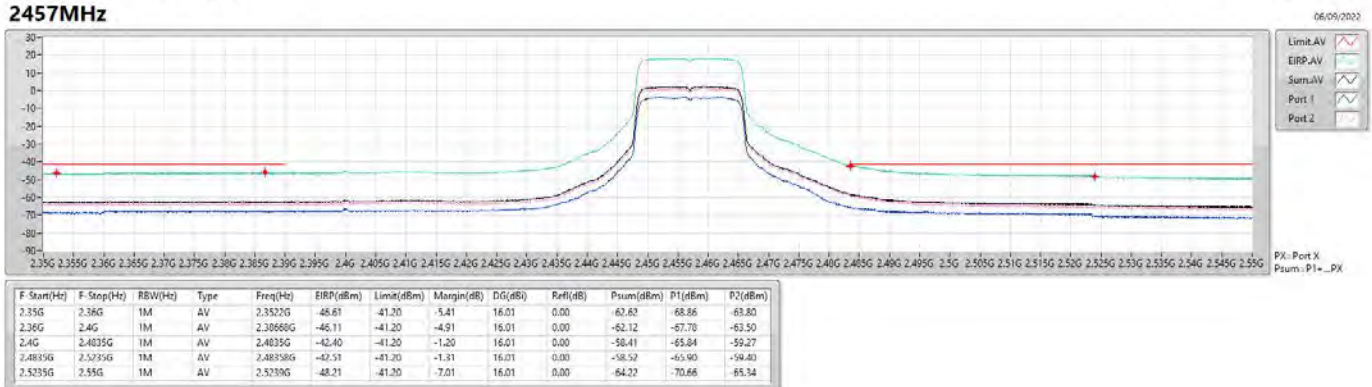
802.11g_Nss1,(6Mbps)_2TX
2457MHz

CSE Bandedge [PK]



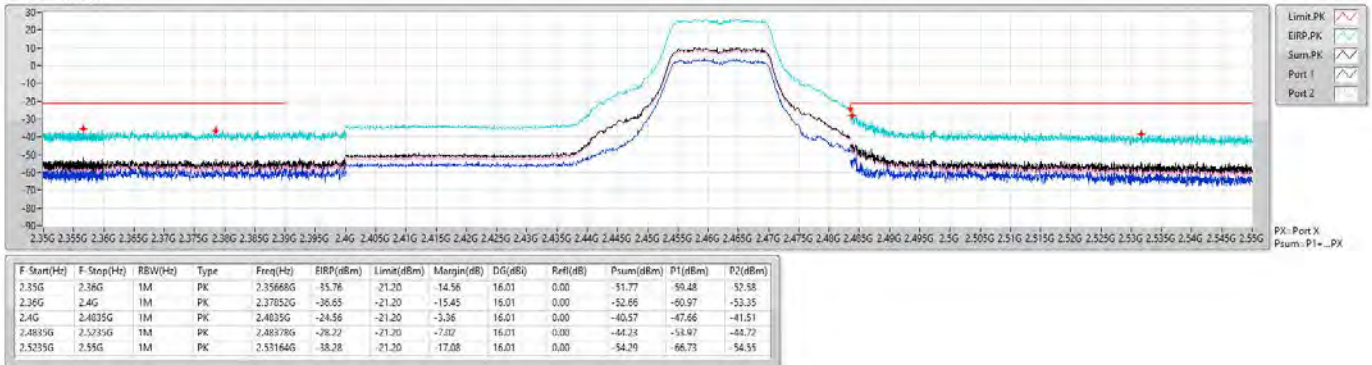
802.11g_Nss1,(6Mbps)_2TX
2457MHz

CSE Bandedge [AV]



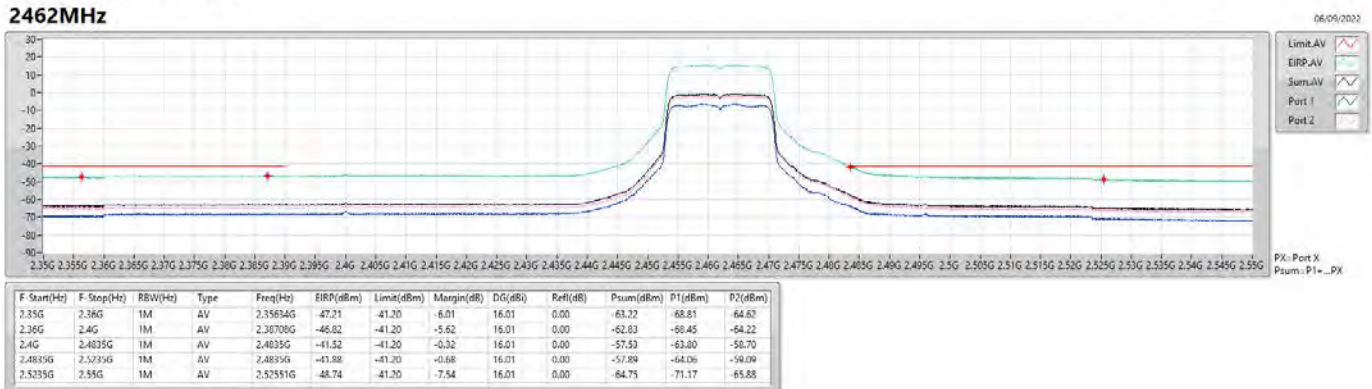
802.11g_Nss1,(6Mbps)_2TX
2462MHz

CSE Bandedge [PK]



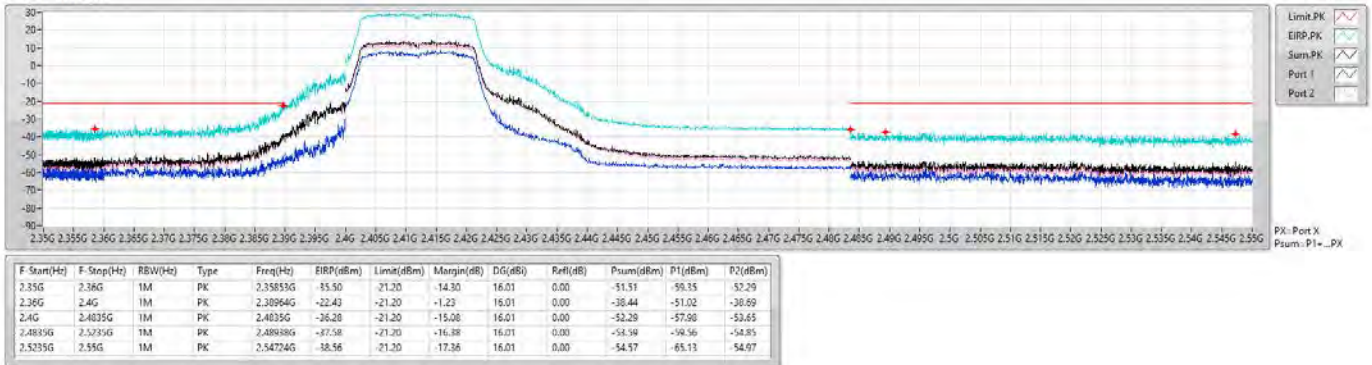
802.11g_Nss1,(6Mbps)_2TX
2462MHz

CSE Bandedge [AV]



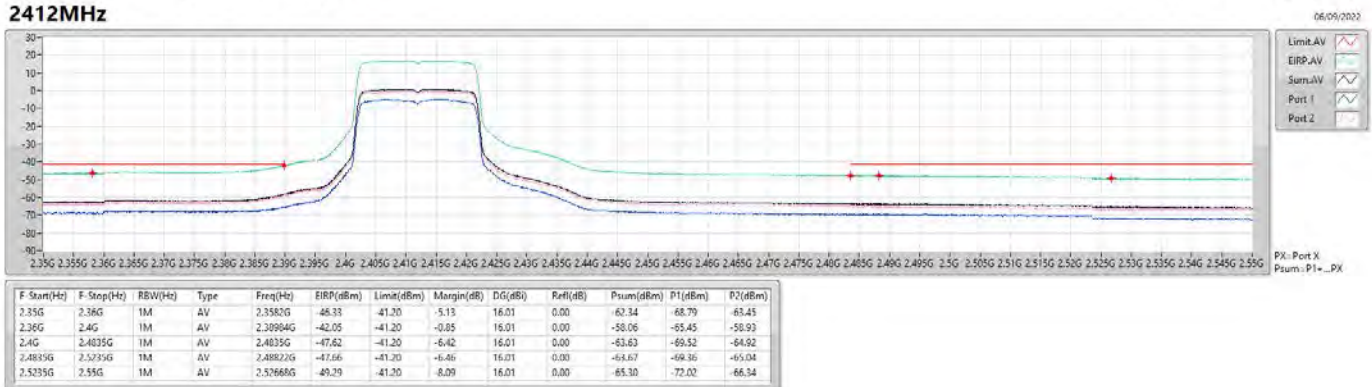
802.11ax HEW20_Nss1,(MCS0)_2TX
2412MHz

CSE Bandedge [PK]



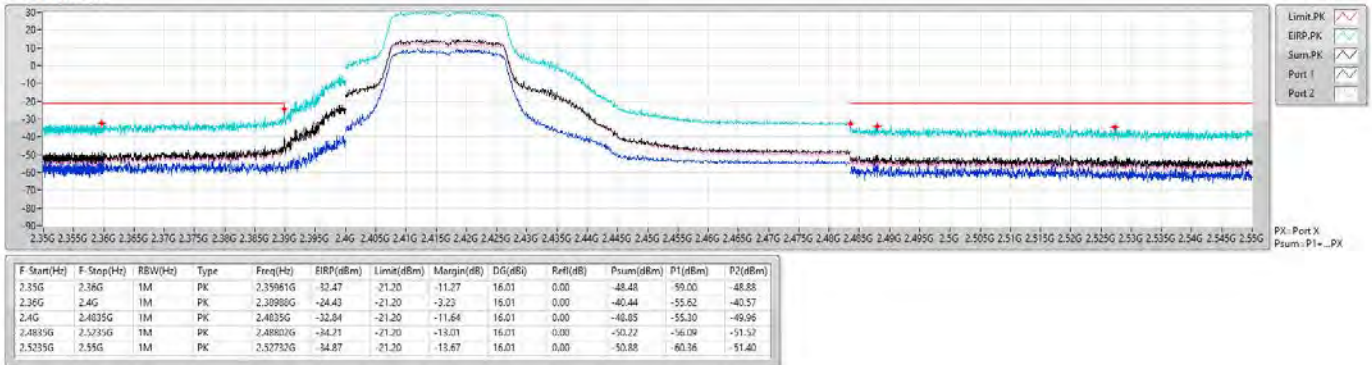
802.11ax HEW20_Nss1,(MCS0)_2TX
2412MHz

CSE Bandedge [AV]



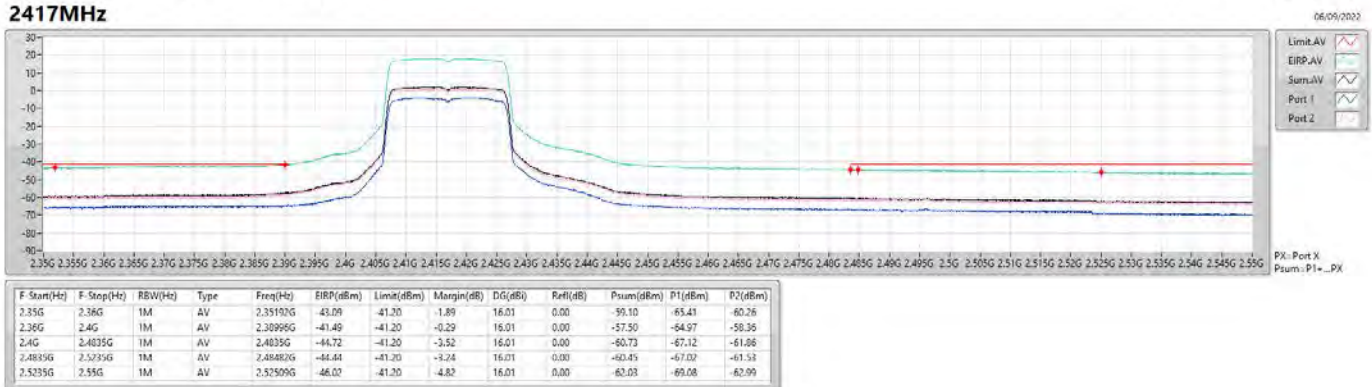
802.11ax HEW20_Nss1,(MCS0)_2TX
2417MHz

CSE Bandedge [PK]



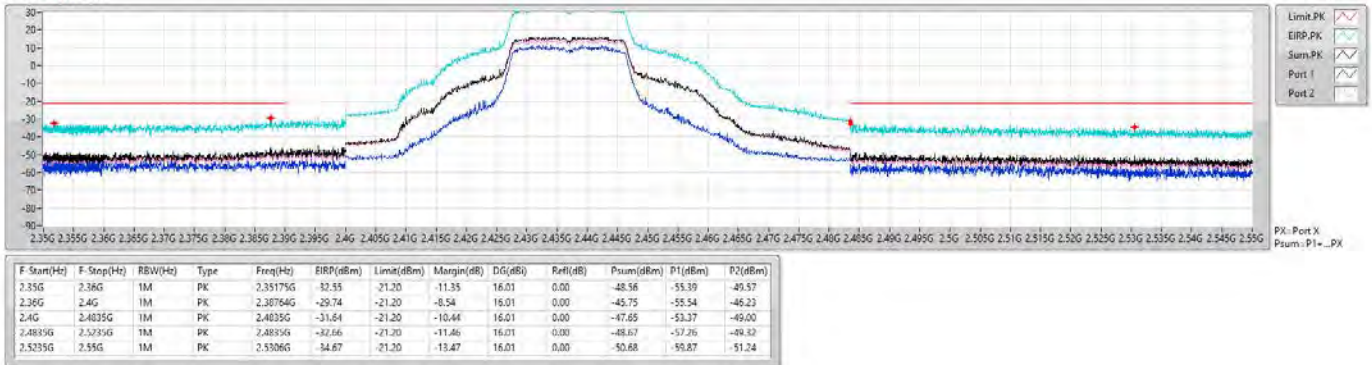
802.11ax HEW20_Nss1,(MCS0)_2TX
2417MHz

CSE Bandedge [AV]



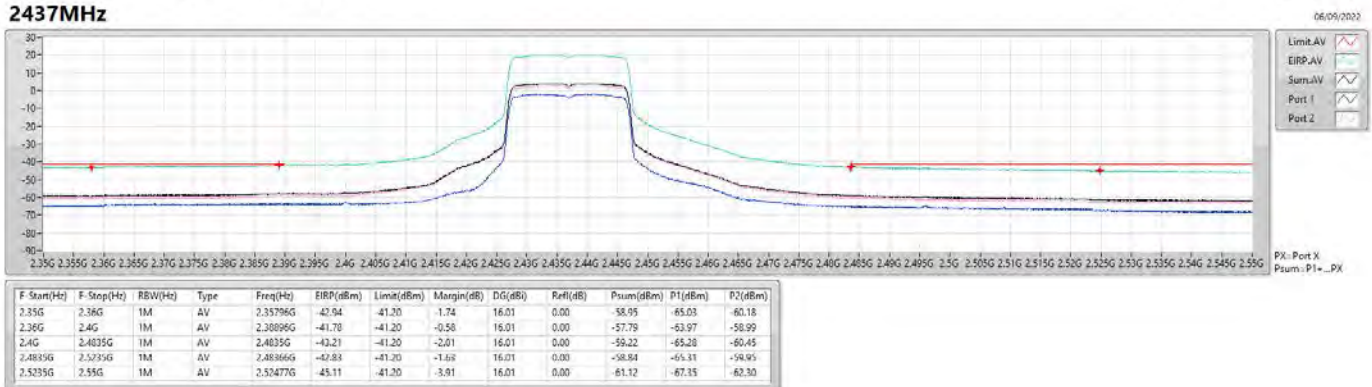
802.11ax HEW20_Nss1,(MCS0)_2TX
2437MHz

CSE Bandedge [PK]



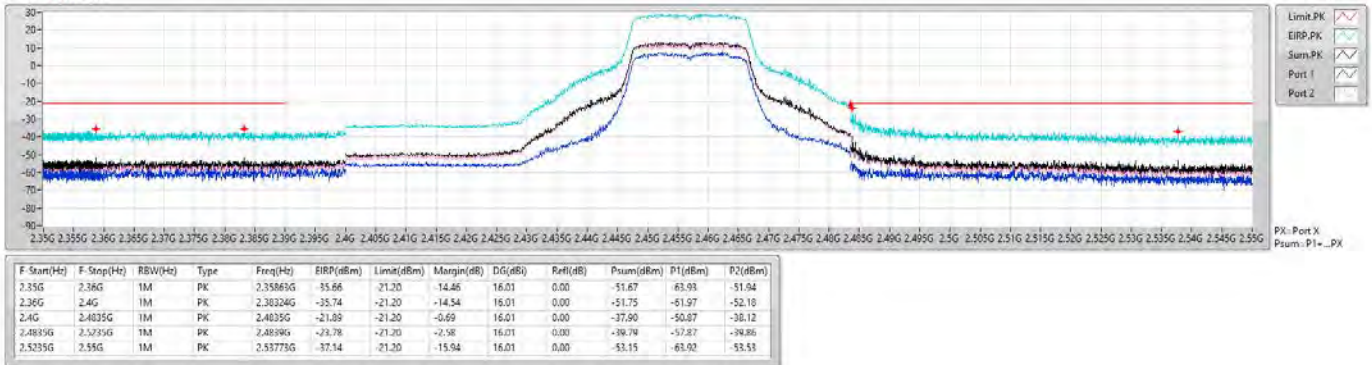
802.11ax HEW20_Nss1,(MCS0)_2TX
2437MHz

CSE Bandedge [AV]



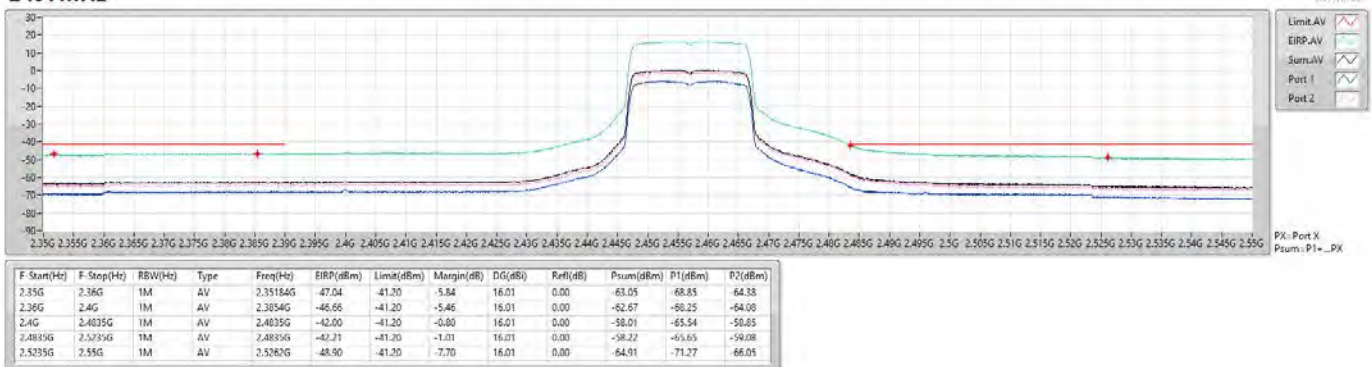
802.11ax HEW20_Nss1,(MCS0)_2TX
2457MHz

CSE Bandedge [PK]



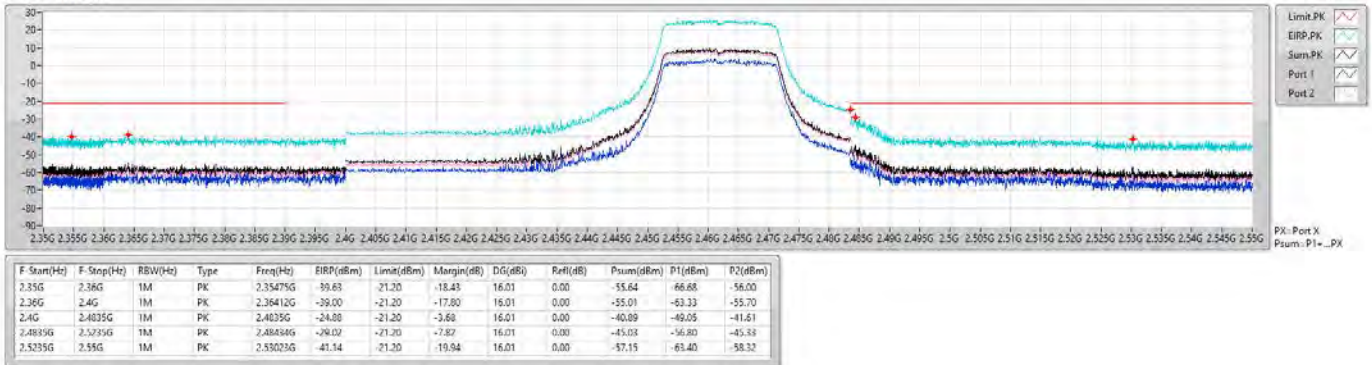
802.11ax HEW20_Nss1,(MCS0)_2TX
2457MHz

CSE Bandedge [AV]



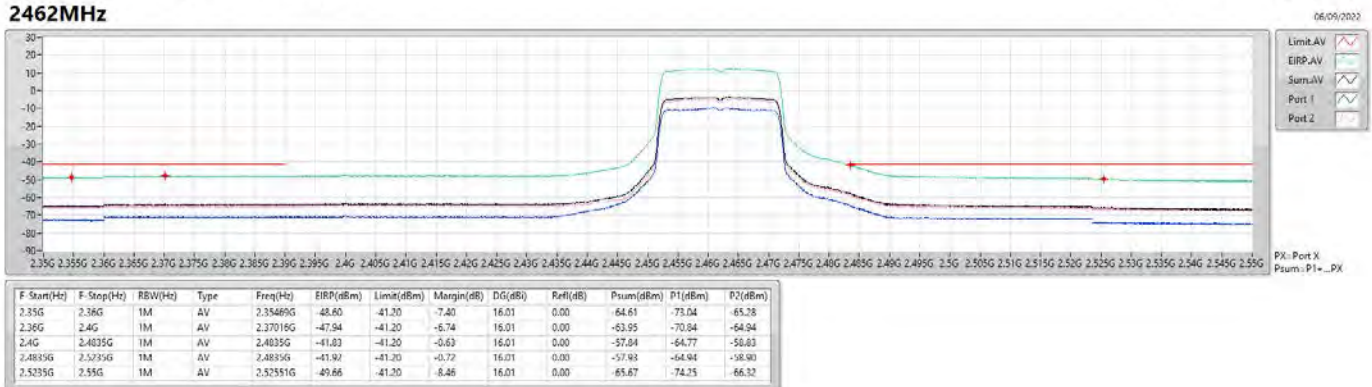
802.11ax HEW20_Nss1,(MCS0)_2TX
2462MHz

CSE Bandedge [PK]



802.11ax HEW20_Nss1,(MCS0)_2TX
2462MHz

CSE Bandedge [AV]



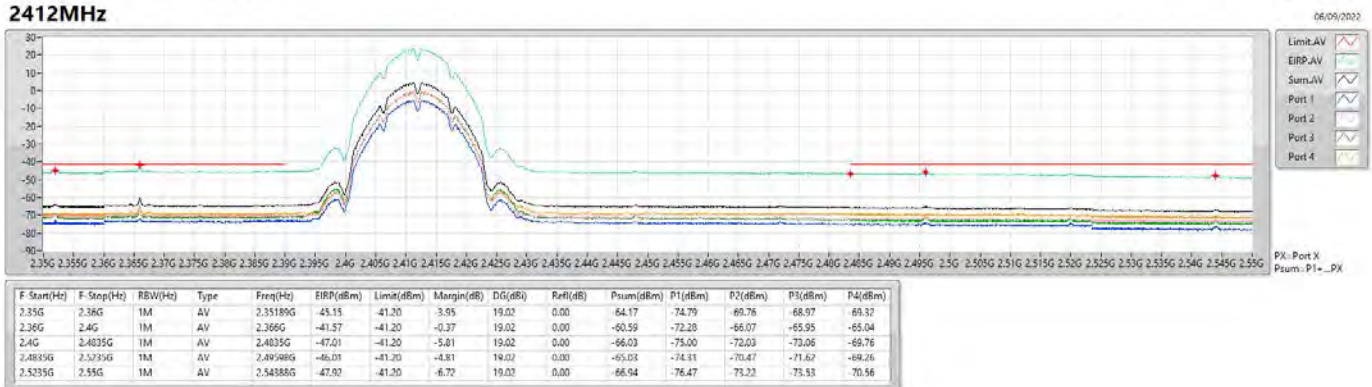
802.11b_Nss1,(1Mbps)_4TX
2412MHz

CSE Bandedge [PK]



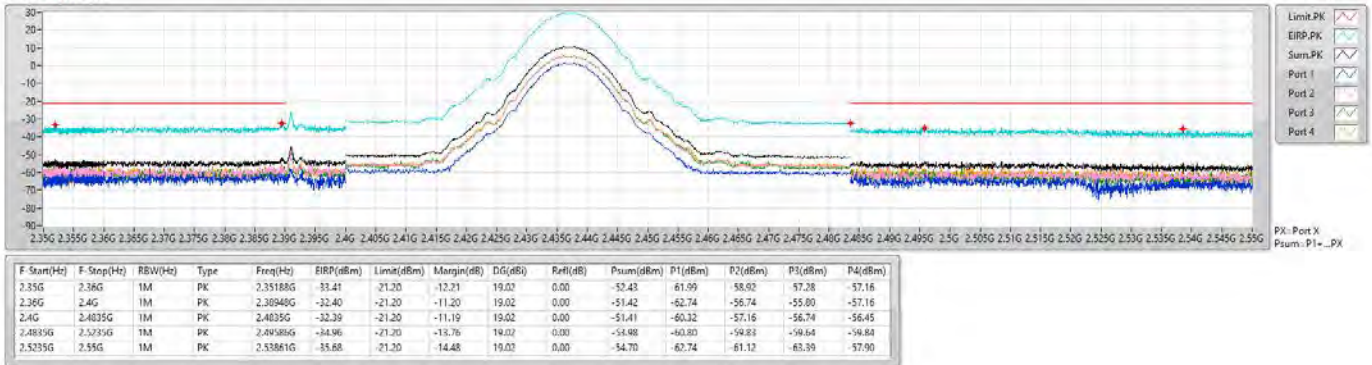
802.11b_Nss1,(1Mbps)_4TX
2412MHz

CSE Bandedge [AV]



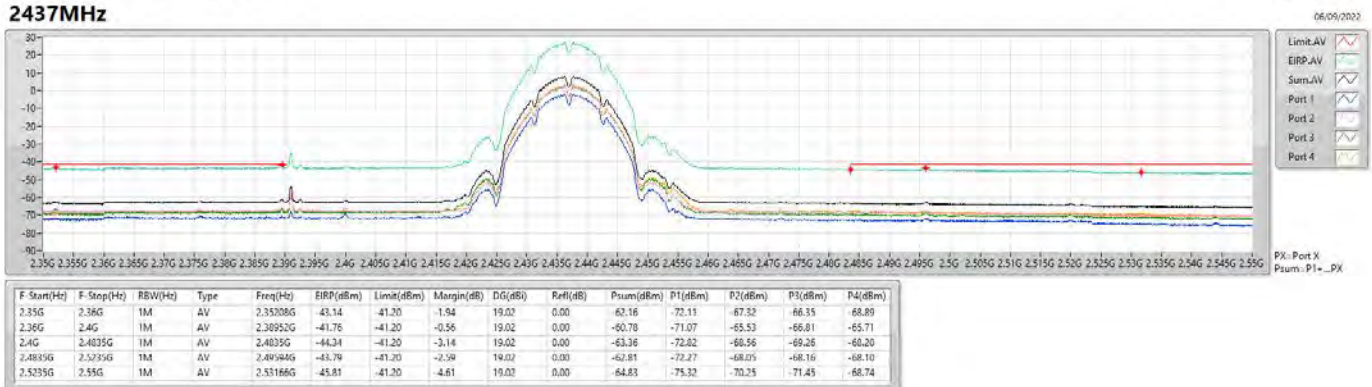
802.11b_Nss1,(1Mbps)_4TX
2437MHz

CSE Bandedge [PK]



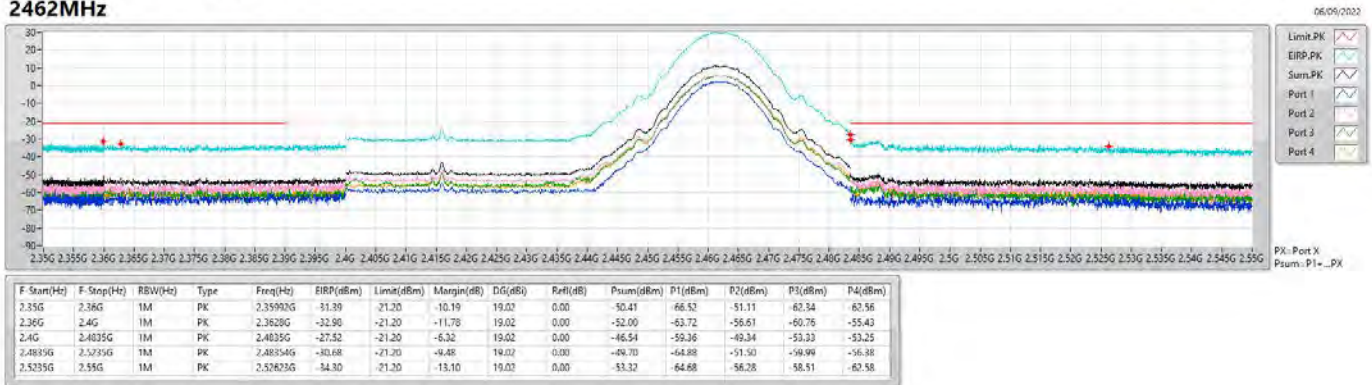
802.11b_Nss1,(1Mbps)_4TX
2437MHz

CSE Bandedge [AV]



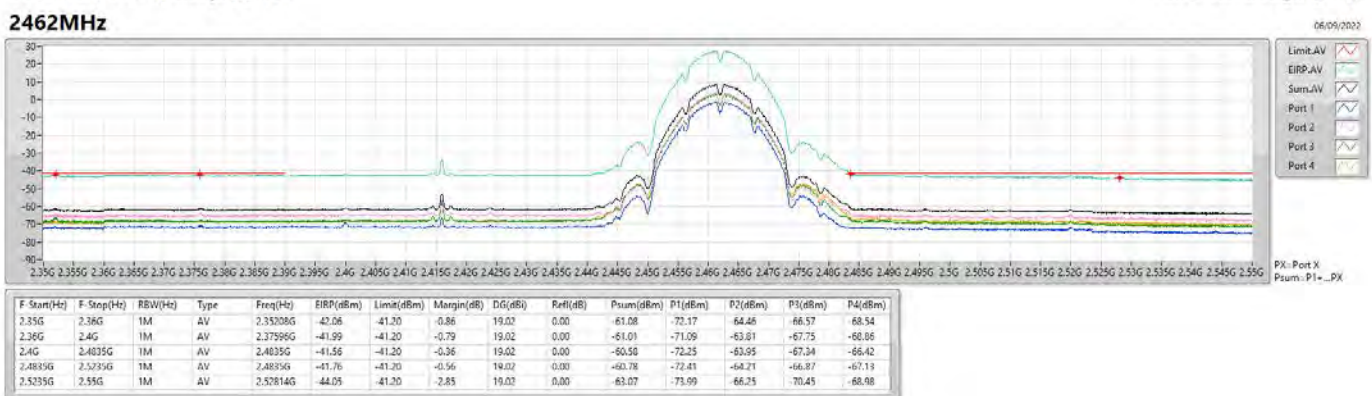
802.11b_Nss1,(1Mbps)_4TX
2462MHz

CSE Bandedge [PK]



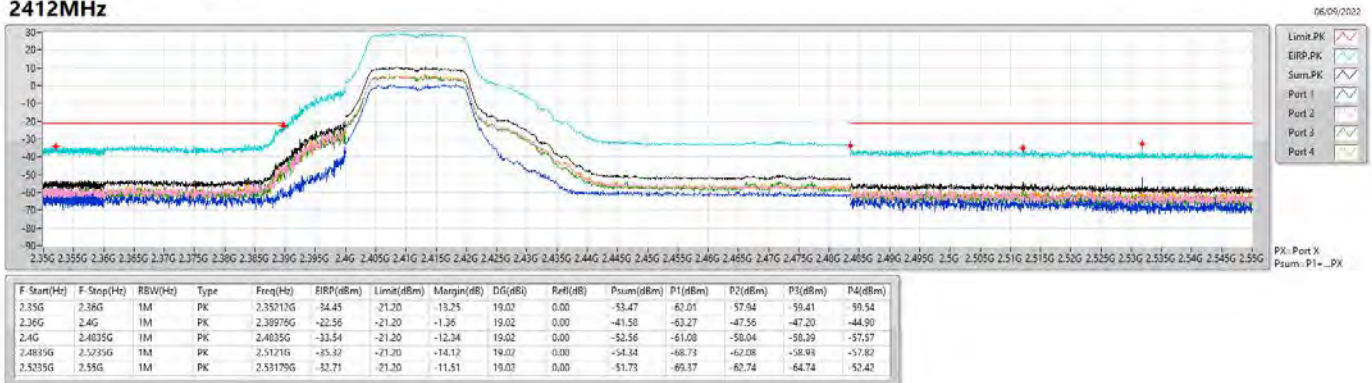
802.11b_Nss1,(1Mbps)_4TX
2462MHz

CSE Bandedge [AV]



802.11g_Nss1,(6Mbps)_4TX
2412MHz

CSE Bandedge [PK]



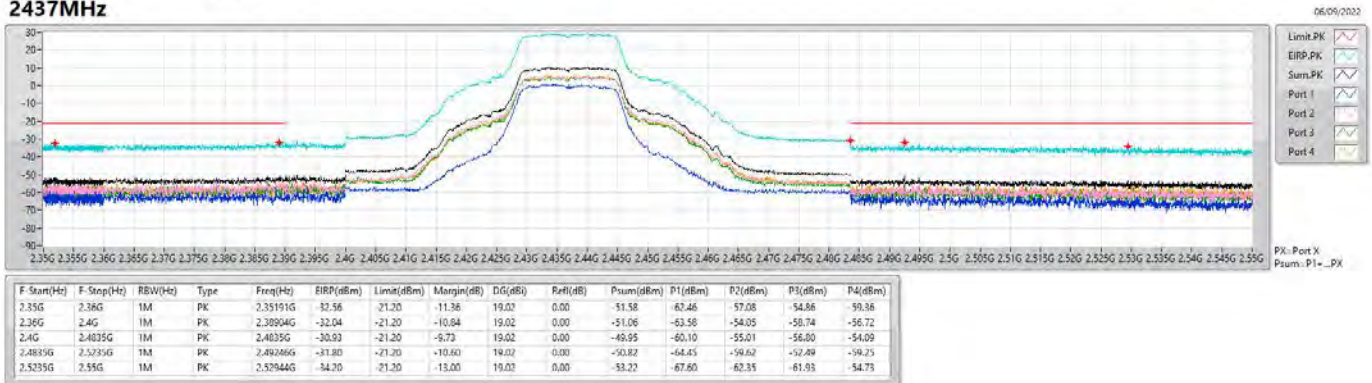
802.11g_Nss1,(6Mbps)_4TX
2412MHz

CSE Bandedge [AV]



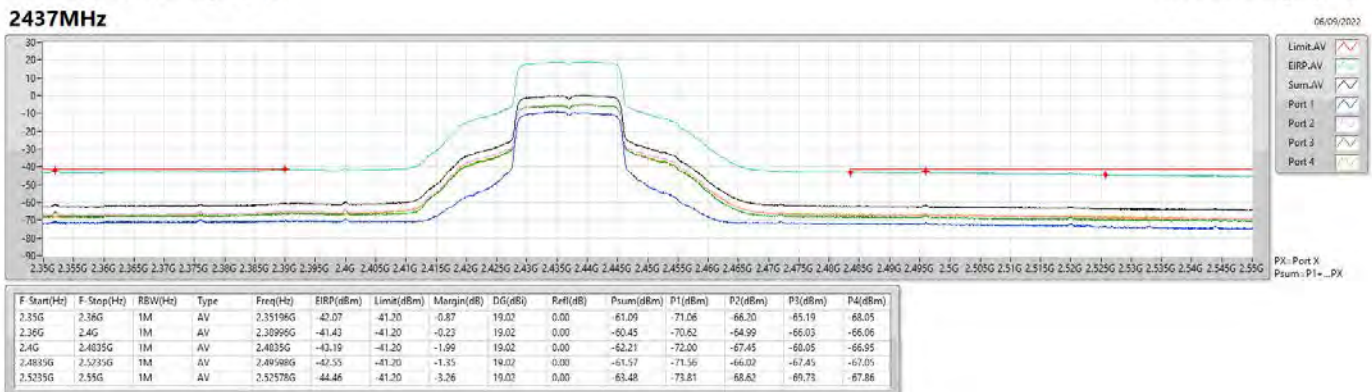
802.11g_Nss1,(6Mbps)_4TX
2437MHz

CSE Bandedge [PK]



802.11g_Nss1,(6Mbps)_4TX
2437MHz

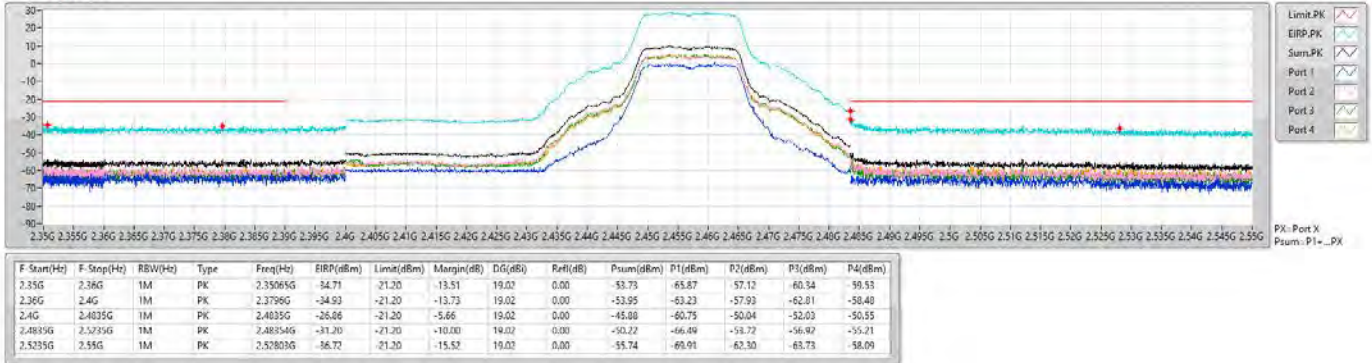
CSE Bandedge [AV]



802.11g_Nss1,(6Mbps)_4TX

2457MHz

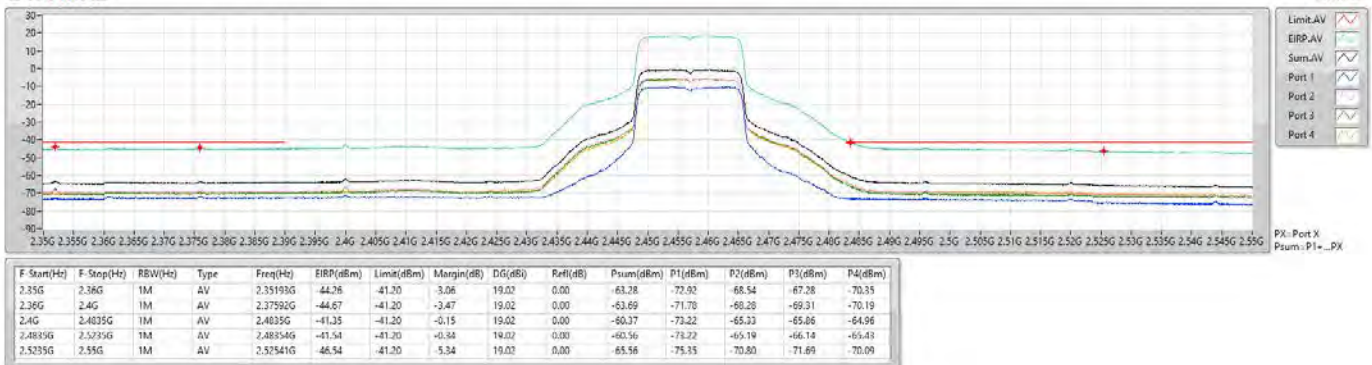
CSE Bandedge [PK]



802.11g_Nss1,(6Mbps)_4TX

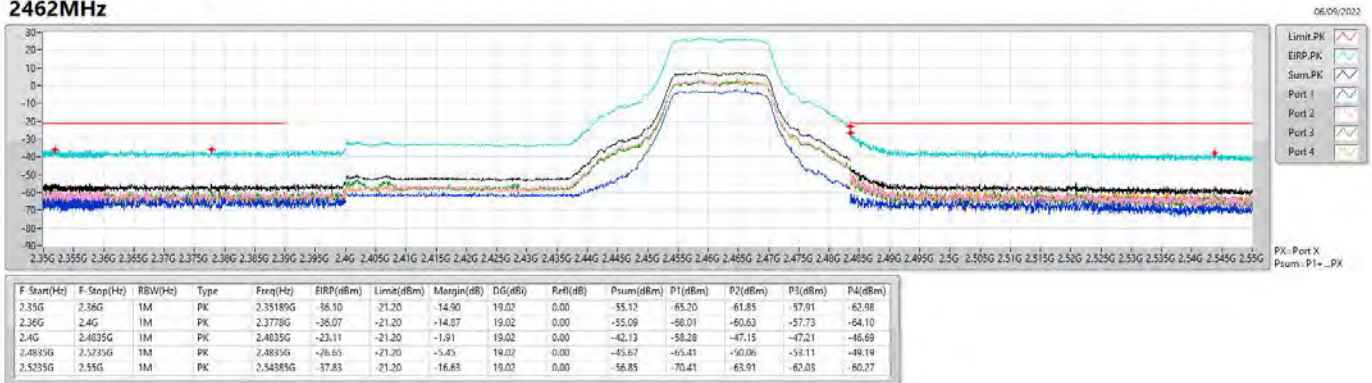
2457MHz

CSE Bandedge [AV]



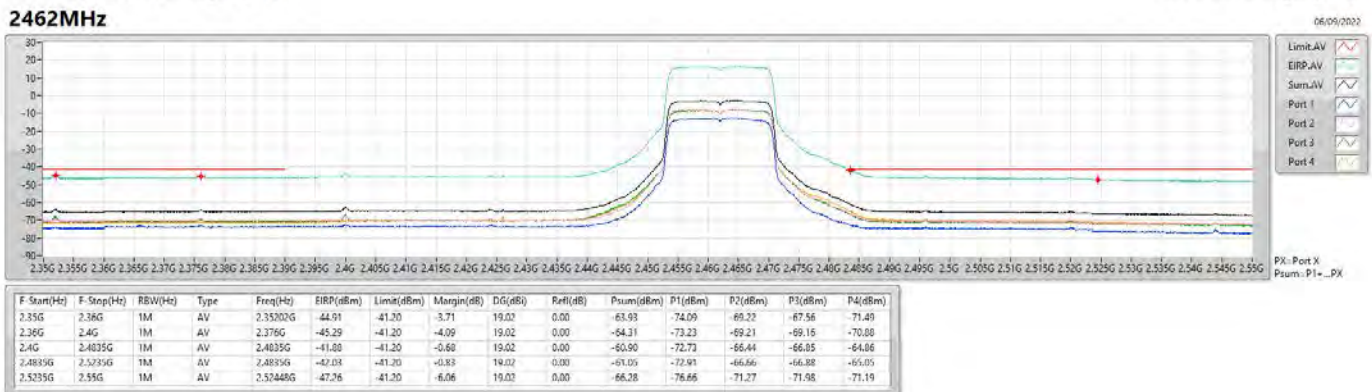
802.11g_Nss1,(6Mbps)_4TX
2462MHz

CSE Bandedge [PK]



802.11g_Nss1,(6Mbps)_4TX
2462MHz

CSE Bandedge [AV]



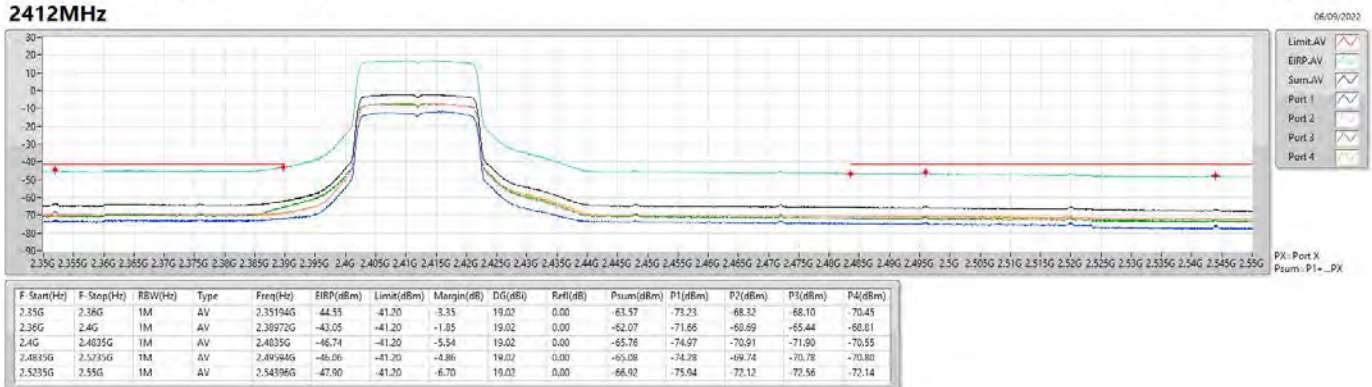
802.11ax HEW20_Nss1,(MCS0)_4TX
2412MHz

CSE Bandedge [PK]



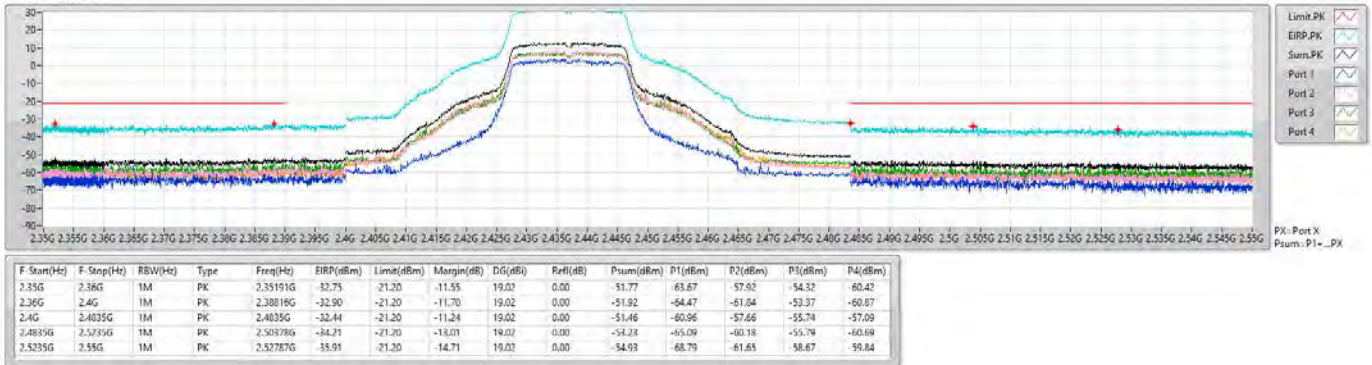
802.11ax HEW20_Nss1,(MCS0)_4TX
2412MHz

CSE Bandedge [AV]



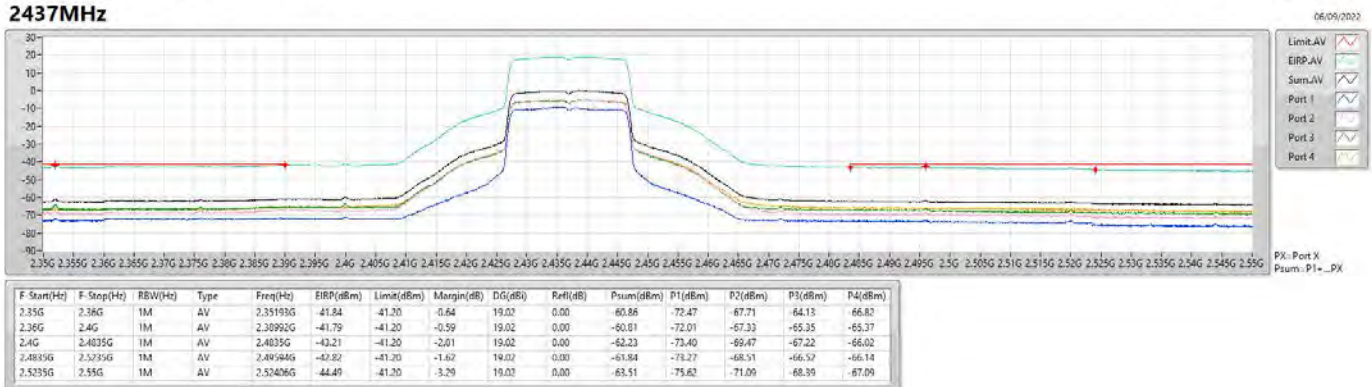
802.11ax HEW20_Nss1,(MCS0)_4TX
2437MHz

CSE Bandedge [PK]



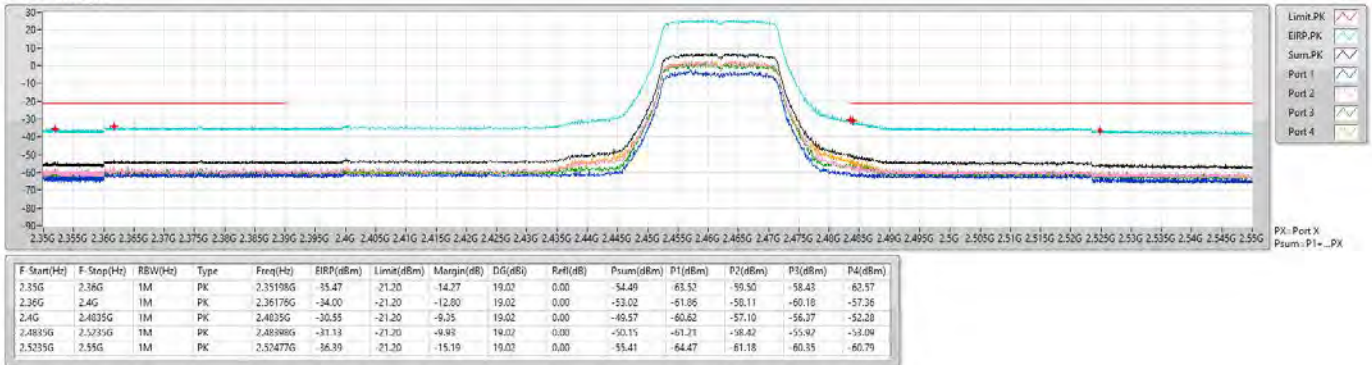
802.11ax HEW20_Nss1,(MCS0)_4TX
2437MHz

CSE Bandedge [AV]



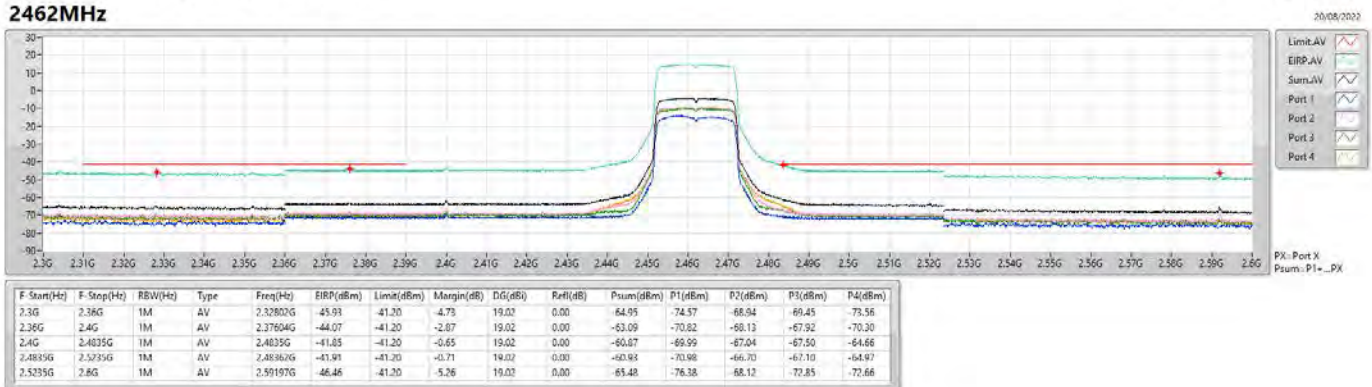
802.11ax HEW20_Nss1,(MCS0)_4TX
2462MHz

CSE Bandedge [PK]



802.11ax HEW20_Nss1,(MCS0)_4TX
2462MHz

CSE Bandedge [AV]





**CSE (Restricted Band)_Scanning R3_Antenna set 11
(Harmonic 1GHz ~ 3GHz)_P to M**

Appendix F.9

Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	1G	2.36G	AV	2.31461G	4.00	-54.32	-54.32	-50.32	-41.20	-9.12
802.11g_Nss1,(6Mbps)_1TX	Pass	1G	2.36G	AV	2.28027G	4.00	-53.96	-53.96	-49.96	-41.20	-8.76
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	1G	2.36G	AV	2.29948G	4.00	-54.35	-54.35	-50.35	-41.20	-9.15

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX



CSE (Restricted Band)_Scanning R3_Antenna set 11
(Harmonic 1GHz ~ 3GHz)_P to M

Appendix F.9

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11b_Nss1(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	1G	2.36G	AV	2.27551G	4.00	-55.52	-55.52	-51.52	-41.20	-10.32
2412MHz	Pass	2.36G	2.4G	AV	2.37104G	4.00	-57.69	-57.69	-53.69	-41.20	-12.49
2412MHz	Pass	2.4G	2.4835G	AV	2.4835G	4.00	-62.63	-62.63	-58.63	-41.20	-17.43
2412MHz	Pass	2.4835G	2.5235G	AV	2.51182G	4.00	-60.05	-60.05	-56.05	-41.20	-14.85
2412MHz	Pass	2.5235G	3G	AV	2.55995G	4.00	-60.85	-60.85	-56.85	-41.20	-15.65
2412MHz	Pass	1G	2.36G	PK	2.25817G	4.00	-45.22	-45.22	-41.22	-21.20	-20.02
2412MHz	Pass	2.36G	2.4G	PK	2.36448G	4.00	-46.46	-46.46	-42.46	-21.20	-21.26
2412MHz	Pass	2.4G	2.4835G	PK	2.4835G	4.00	-54.57	-54.57	-50.57	-21.20	-29.37
2412MHz	Pass	2.4835G	2.5235G	PK	2.51638G	4.00	-49.28	-49.28	-45.28	-21.20	-24.08
2412MHz	Pass	2.5235G	3G	PK	2.54316G	4.00	-50.96	-50.96	-46.96	-21.20	-25.76
2437MHz	Pass	1G	2.36G	AV	2.29506G	4.00	-54.70	-54.70	-50.70	-41.20	-9.50
2437MHz	Pass	2.36G	2.4G	AV	2.36168G	4.00	-57.55	-57.55	-53.55	-41.20	-12.35
2437MHz	Pass	2.4G	2.4835G	AV	2.4835G	4.00	-63.38	-63.38	-59.38	-41.20	-18.18
2437MHz	Pass	2.4835G	2.5235G	AV	2.5039G	4.00	-59.62	-59.62	-55.62	-41.20	-14.42
2437MHz	Pass	2.5235G	3G	AV	2.55971G	4.00	-60.33	-60.33	-56.33	-41.20	-15.13
2437MHz	Pass	1G	2.36G	PK	2.29149G	4.00	-44.41	-44.41	-40.41	-21.20	-19.21
2437MHz	Pass	2.36G	2.4G	PK	2.36088G	4.00	-46.94	-46.94	-42.94	-21.20	-21.74
2437MHz	Pass	2.4G	2.4835G	PK	2.4835G	4.00	-54.64	-54.64	-50.64	-21.20	-29.44
2437MHz	Pass	2.4835G	2.5235G	PK	2.52246G	4.00	-48.97	-48.97	-44.97	-21.20	-23.77
2437MHz	Pass	2.5235G	3G	PK	2.5839G	4.00	-50.02	-50.02	-46.02	-21.20	-24.82
2462MHz	Pass	1G	2.36G	AV	2.31461G	4.00	-54.32	-54.32	-50.32	-41.20	-9.12
2462MHz	Pass	2.36G	2.4G	AV	2.36032G	4.00	-56.59	-56.59	-52.59	-41.20	-11.39
2462MHz	Pass	2.4G	2.4835G	AV	2.4835G	4.00	-63.34	-63.34	-59.34	-41.20	-18.14
2462MHz	Pass	2.4835G	2.5235G	AV	2.49958G	4.00	-55.76	-55.76	-51.76	-41.20	-10.56
2462MHz	Pass	2.5235G	3G	AV	2.55983G	4.00	-59.81	-59.81	-55.81	-41.20	-14.61
2462MHz	Pass	1G	2.36G	PK	2.31427G	4.00	-43.46	-43.46	-39.46	-21.20	-18.26
2462MHz	Pass	2.36G	2.4G	PK	2.3608G	4.00	-46.18	-46.18	-42.18	-21.20	-20.98
2462MHz	Pass	2.4G	2.4835G	PK	2.4835G	4.00	-54.02	-54.02	-50.02	-21.20	-28.82
2462MHz	Pass	2.4835G	2.5235G	PK	2.50198G	4.00	-46.32	-46.32	-42.32	-21.20	-21.12
2462MHz	Pass	2.5235G	3G	PK	2.56019G	4.00	-50.13	-50.13	-46.13	-21.20	-24.93
802.11g_Nss1(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	1G	2.36G	AV	2.25902G	4.00	-57.96	-57.96	-53.96	-41.20	-12.76
2412MHz	Pass	2.36G	2.4G	AV	2.37288G	4.00	-58.76	-58.76	-54.76	-41.20	-13.56
2412MHz	Pass	2.4G	2.4835G	AV	2.4835G	4.00	-63.45	-63.45	-59.45	-41.20	-18.25
2412MHz	Pass	2.4835G	2.5235G	AV	2.52214G	4.00	-60.62	-60.62	-56.62	-41.20	-15.42
2412MHz	Pass	2.5235G	3G	AV	2.55971G	4.00	-61.43	-61.43	-57.43	-41.20	-16.23
2412MHz	Pass	1G	2.36G	PK	2.25018G	4.00	-46.76	-46.76	-42.76	-21.20	-21.56
2412MHz	Pass	2.36G	2.4G	PK	2.3828G	4.00	-46.28	-46.28	-42.28	-21.20	-21.08
2412MHz	Pass	2.4G	2.4835G	PK	2.4835G	4.00	-53.50	-53.50	-49.50	-21.20	-28.30
2412MHz	Pass	2.4835G	2.5235G	PK	2.50958G	4.00	-50.37	-50.37	-46.37	-21.20	-25.17
2412MHz	Pass	2.5235G	3G	PK	2.53946G	4.00	-51.76	-51.76	-47.76	-21.20	-26.56
2437MHz	Pass	1G	2.36G	AV	2.28027G	4.00	-53.96	-53.96	-49.96	-41.20	-8.76
2437MHz	Pass	2.36G	2.4G	AV	2.37376G	4.00	-57.34	-57.34	-53.34	-41.20	-12.14
2437MHz	Pass	2.4G	2.4835G	AV	2.4835G	4.00	-63.61	-63.61	-59.61	-41.20	-18.41
2437MHz	Pass	2.4835G	2.5235G	AV	2.5027G	4.00	-57.62	-57.62	-53.62	-41.20	-12.42
2437MHz	Pass	2.5235G	3G	AV	2.55971G	4.00	-59.11	-59.11	-55.11	-41.20	-13.91
2437MHz	Pass	1G	2.36G	PK	2.29931G	4.00	-42.63	-42.63	-38.63	-21.20	-17.43
2437MHz	Pass	2.36G	2.4G	PK	2.37664G	4.00	-44.95	-44.95	-40.95	-21.20	-19.75
2437MHz	Pass	2.4G	2.4835G	PK	2.4835G	4.00	-53.53	-53.53	-49.53	-21.20	-28.33
2437MHz	Pass	2.4835G	2.5235G	PK	2.50222G	4.00	-44.58	-44.58	-40.58	-21.20	-19.38
2437MHz	Pass	2.5235G	3G	PK	2.58056G	4.00	-49.42	-49.42	-45.42	-21.20	-24.22
2462MHz	Pass	1G	2.36G	AV	2.31359G	4.00	-56.62	-56.62	-52.62	-41.20	-11.42
2462MHz	Pass	2.36G	2.4G	AV	2.36168G	4.00	-58.68	-58.68	-54.68	-41.20	-13.48
2462MHz	Pass	2.4G	2.4835G	AV	2.4835G	4.00	-62.90	-62.90	-58.90	-41.20	-17.70
2462MHz	Pass	2.4835G	2.5235G	AV	2.50166G	4.00	-56.24	-56.24	-52.24	-41.20	-11.04
2462MHz	Pass	2.5235G	3G	AV	2.56007G	4.00	-61.48	-61.48	-57.48	-41.20	-16.28
2462MHz	Pass	1G	2.36G	PK	2.31529G	4.00	-46.32	-46.32	-42.32	-21.20	-21.12
2462MHz	Pass	2.36G	2.4G	PK	2.37016G	4.00	-47.97	-47.97	-43.97	-21.20	-22.77
2462MHz	Pass	2.4G	2.4835G	PK	2.4835G	4.00	-53.41	-53.41	-49.41	-21.20	-28.21
2462MHz	Pass	2.4835G	2.5235G	PK	2.49998G	4.00	-44.17	-44.17	-40.17	-21.20	-18.97
2462MHz	Pass	2.5235G	3G	PK	2.60117G	4.00	-50.65	-50.65	-46.65	-21.20	-25.45
802.11ax_HEW20_Nss1(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	1G	2.36G	AV	2.27772G	4.00	-60.36	-60.36	-56.36	-41.20	-15.16
2412MHz	Pass	2.36G	2.4G	AV	2.37544G	4.00	-60.65	-60.65	-56.65	-41.20	-15.45
2412MHz	Pass	2.4G	2.4835G	AV	2.4835G	4.00	-63.30	-63.30	-59.30	-41.20	-18.10
2412MHz	Pass	2.4835G	2.5235G	AV	2.5155G	4.00	-61.95	-61.95	-57.95	-41.20	-16.75
2412MHz	Pass	2.5235G	3G	AV	2.55995G	4.00	-62.48	-62.48	-58.48	-41.20	-17.28
2412MHz	Pass	1G	2.36G	PK	2.26956G	4.00	-49.88	-49.88	-45.88	-21.20	-24.68



**CSE (Restricted Band)_Scanning R3_Antenna set 11
(Harmonic 1GHz ~ 3GHz)_P to M**

Appendix F.9

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2412MHz	Pass	2.36G	2.4G	PK	2.38624G	4.00	-49.54	-49.54	-45.54	-21.20	-24.34
2412MHz	Pass	2.4G	2.4835G	PK	2.4835G	4.00	-53.71	-53.71	-49.71	-21.20	-28.51
2412MHz	Pass	2.4835G	2.5235G	PK	2.50518G	4.00	-50.85	-50.85	-46.85	-21.20	-25.65
2412MHz	Pass	2.5235G	3G	PK	2.56281G	4.00	-52.63	-52.63	-48.63	-21.20	-27.43
2437MHz	Pass	1G	2.36G	AV	2.29948G	4.00	-54.35	-54.35	-50.35	-41.20	-9.15
2437MHz	Pass	2.36G	2.4G	AV	2.3712G	4.00	-54.72	-54.72	-50.72	-41.20	-9.52
2437MHz	Pass	2.4G	2.4835G	AV	2.4835G	4.00	-63.70	-63.70	-59.70	-41.20	-18.50
2437MHz	Pass	2.4835G	2.5235G	AV	2.49798G	4.00	-55.95	-55.95	-51.95	-41.20	-10.75
2437MHz	Pass	2.5235G	3G	AV	2.56912G	4.00	-60.90	-60.90	-56.90	-41.20	-15.70
2437MHz	Pass	1G	2.36G	PK	2.29166G	4.00	-44.22	-44.22	-40.22	-21.20	-19.02
2437MHz	Pass	2.36G	2.4G	PK	2.37552G	4.00	-39.82	-39.82	-35.82	-21.20	-14.62
2437MHz	Pass	2.4G	2.4835G	PK	2.4835G	4.00	-53.91	-53.91	-49.91	-21.20	-28.71
2437MHz	Pass	2.4835G	2.5235G	PK	2.50942G	4.00	-41.57	-41.57	-37.57	-21.20	-16.37
2437MHz	Pass	2.5235G	3G	PK	2.52362G	4.00	-47.16	-47.16	-43.16	-21.20	-21.96
2462MHz	Pass	1G	2.36G	AV	2.31614G	4.00	-57.66	-57.66	-53.66	-41.20	-12.46
2462MHz	Pass	2.36G	2.4G	AV	2.36072G	4.00	-59.48	-59.48	-55.48	-41.20	-14.28
2462MHz	Pass	2.4G	2.4835G	AV	2.4835G	4.00	-63.29	-63.29	-59.29	-41.20	-18.09
2462MHz	Pass	2.4835G	2.5235G	AV	2.4983G	4.00	-56.41	-56.41	-52.41	-41.20	-11.21
2462MHz	Pass	2.5235G	3G	AV	2.55995G	4.00	-60.19	-60.19	-56.19	-41.20	-14.99
2462MHz	Pass	1G	2.36G	PK	2.31631G	4.00	-46.04	-46.04	-42.04	-21.20	-20.84
2462MHz	Pass	2.36G	2.4G	PK	2.3764G	4.00	-48.97	-48.97	-44.97	-21.20	-23.77
2462MHz	Pass	2.4G	2.4835G	PK	2.4835G	4.00	-53.72	-53.72	-49.72	-21.20	-28.52
2462MHz	Pass	2.4835G	2.5235G	PK	2.50062G	4.00	-43.67	-43.67	-39.67	-21.20	-18.47
2462MHz	Pass	2.5235G	3G	PK	2.5889G	4.00	-51.45	-51.45	-47.45	-21.20	-26.25

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX