

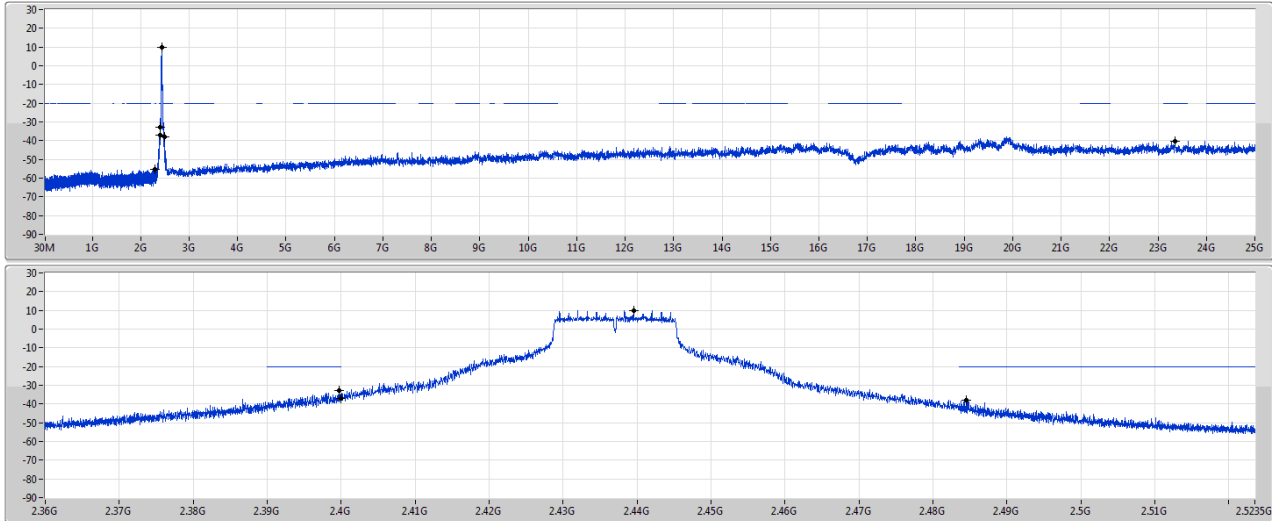
802.11g_Nss1,(6Mbps)_1TX

2437MHz

CSE NdB

11/11/2019

Port 1 



RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43954G	10.01	-19.99	2.3G	-55.48	2.39976G	-32.97	2.4G	-37.02	2.48446G	-37.74	2.34517G	-40.54	1

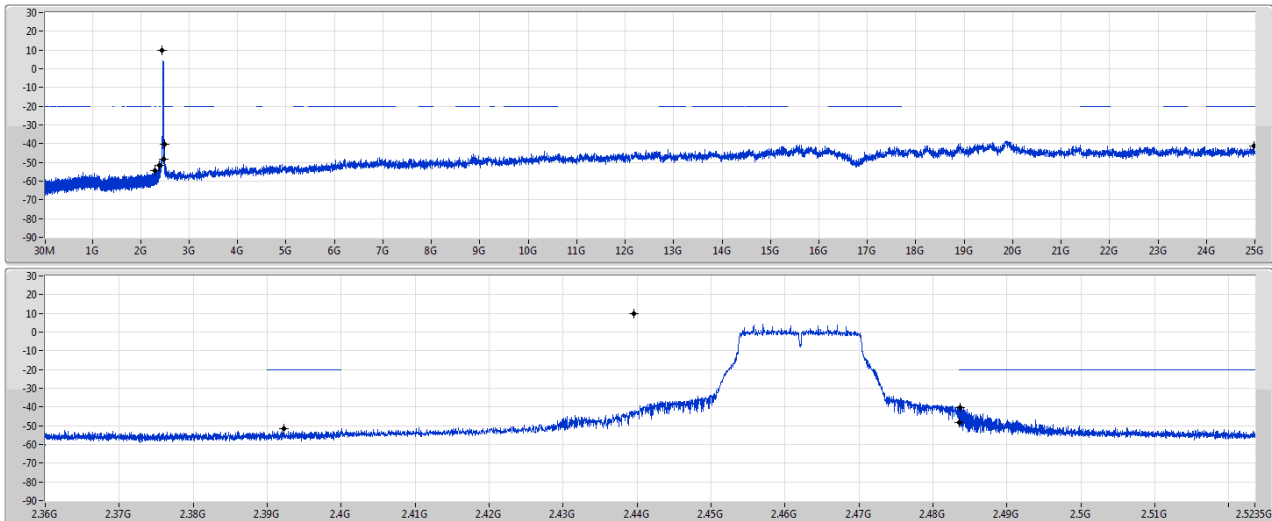
802.11g_Nss1,(6Mbps)_1TX

2462MHz

CSE NdB

11/11/2019

Port 1 



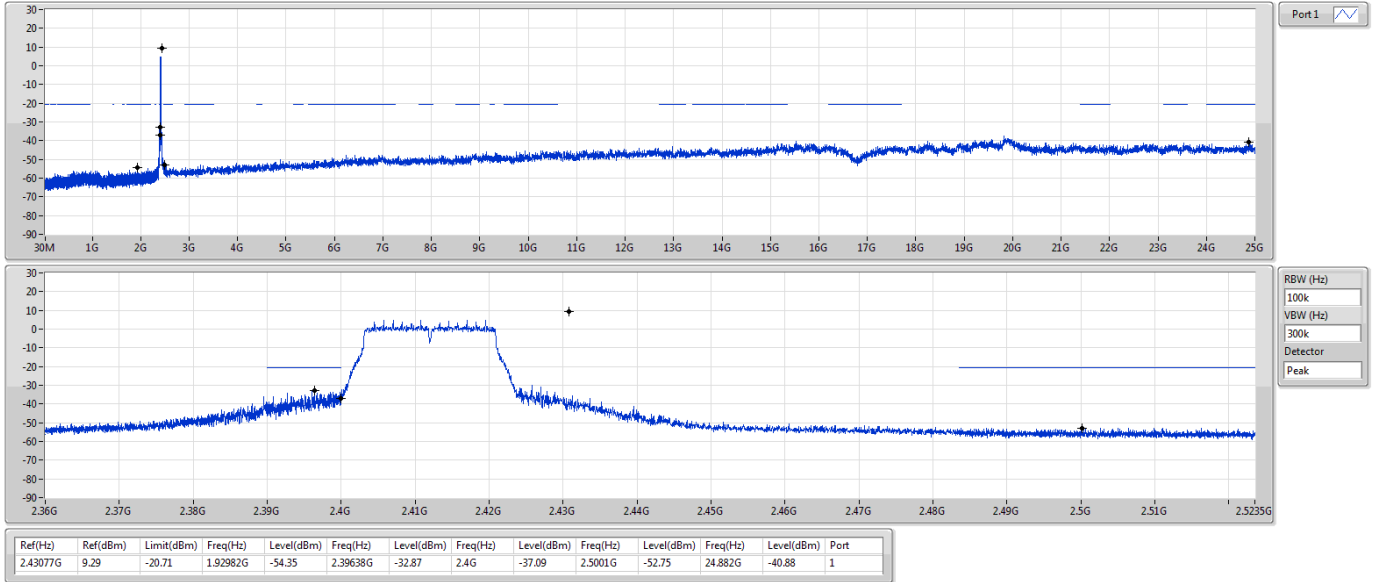
RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43954G	10.01	-19.99	2.30233G	-54.53	2.39226G	-51.52	2.4835G	-48.22	2.48372G	-40.26	2.497471G	-41.32	1

VHT20_Nss1,(MCS0)_1TX

CSE NdB

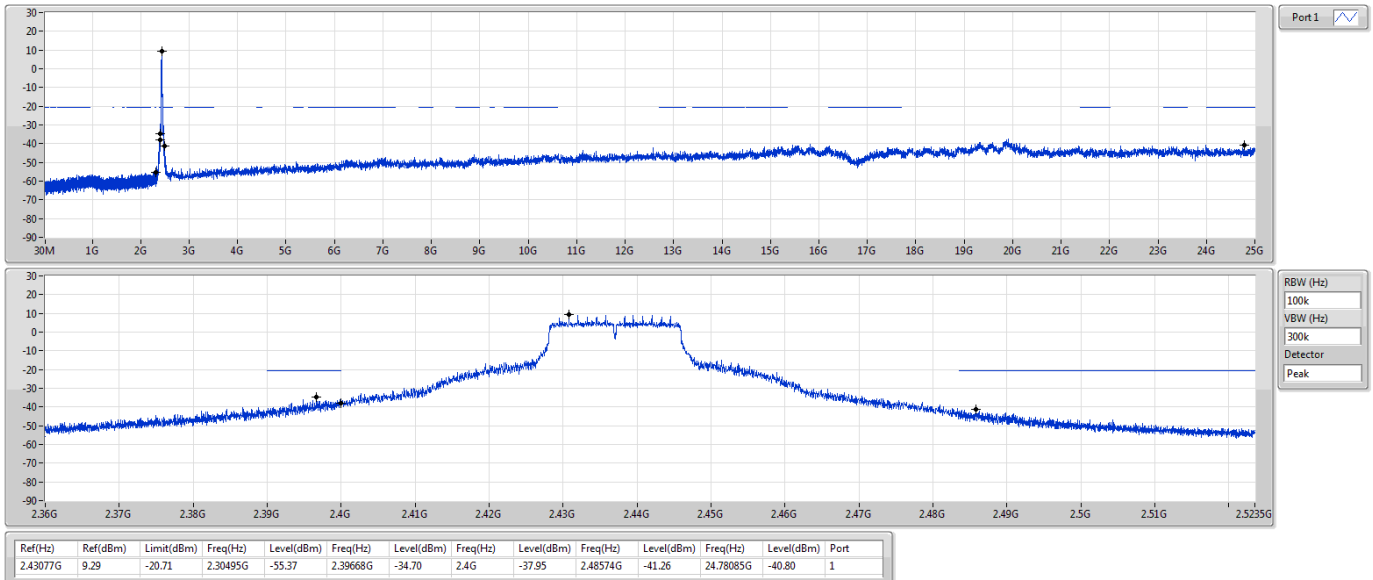
2412MHz



VHT20_Nss1,(MCS0)_1TX

CSE NdB

2437MHz

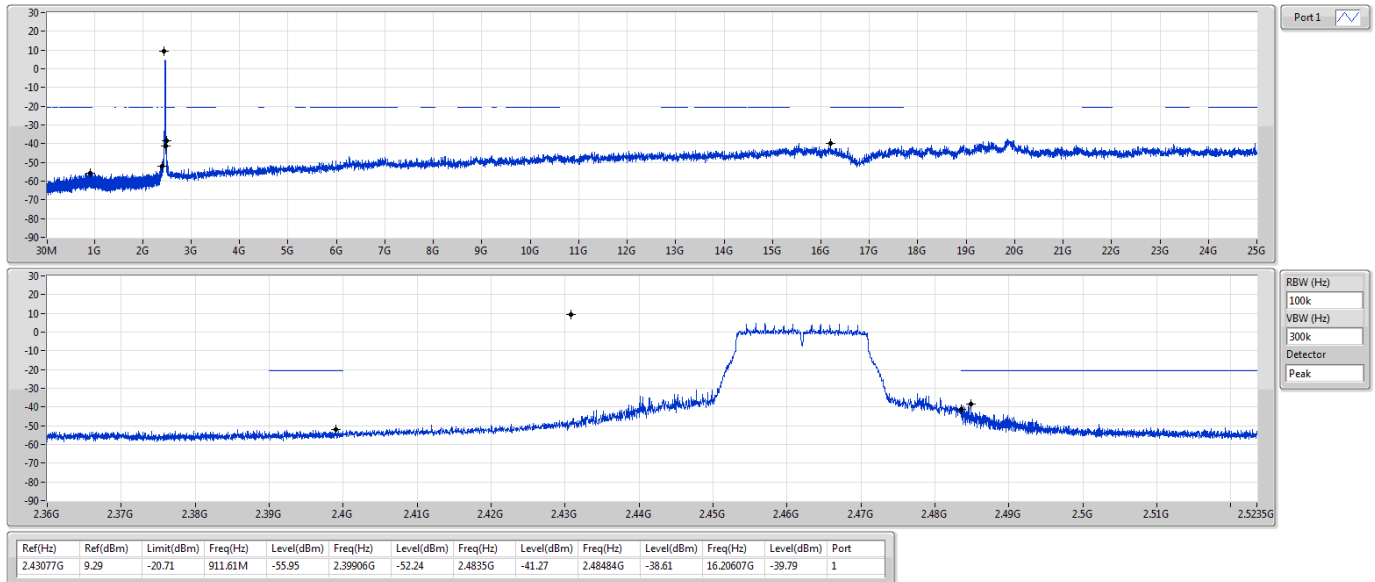


VHT20_Nss1,(MCS0)_1TX

2462MHz

CSE NdB

11/11/2019

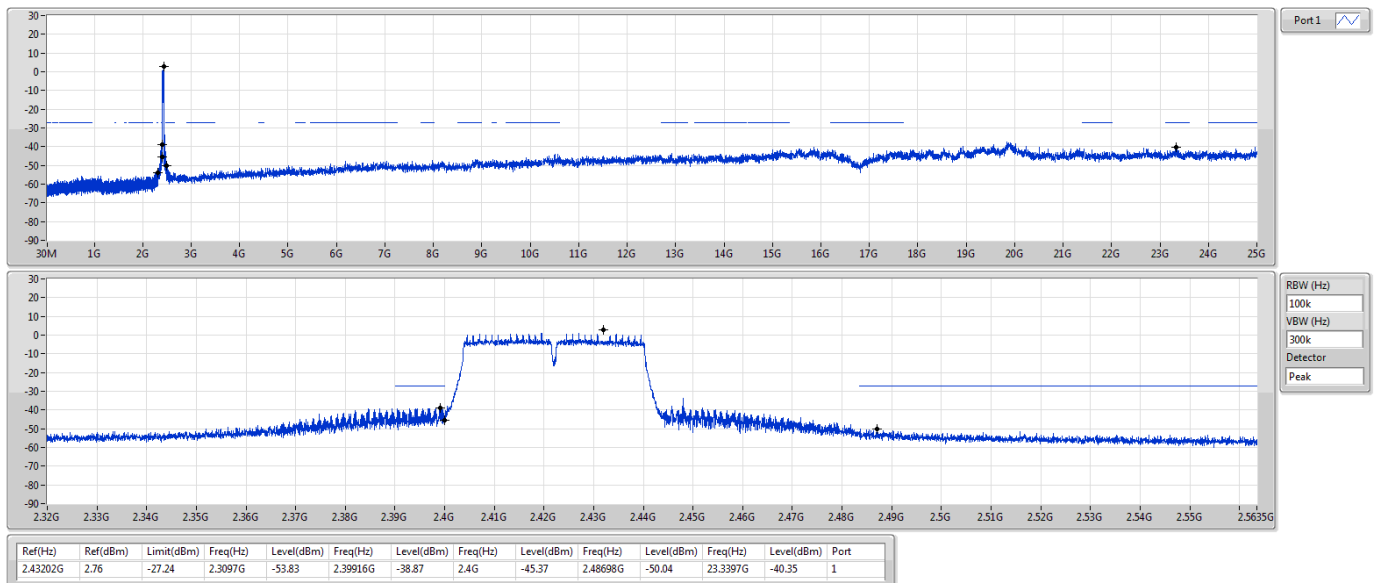


VHT40_Nss1,(MCS0)_1TX

2422MHz

CSE NdB

11/11/2019



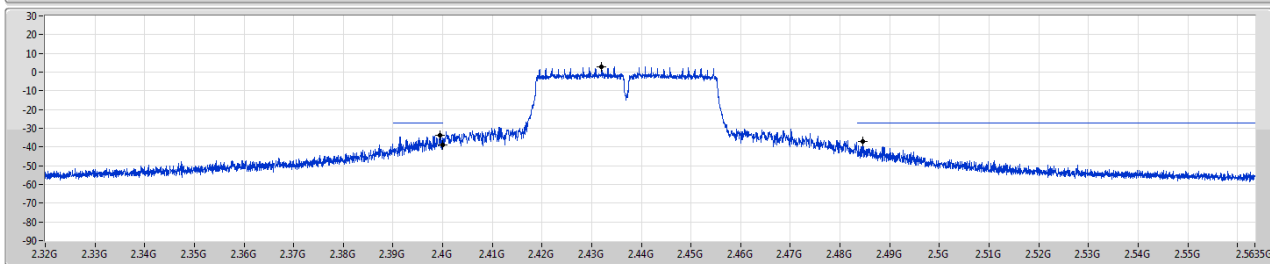
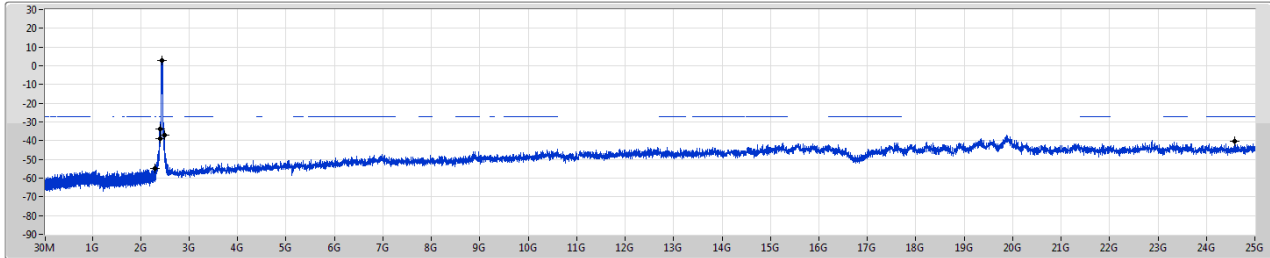
VHT40_Nss1,(MCS0)_1TX

2437MHz

CSE NdB

11/11/2019

Port 1



RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43202G	2.76	-27.24	2.30054G	-54.69	2.39948G	-33.67	2.4G	-38.85	2.48462G	-37.20	2.57932G	-40.27	1

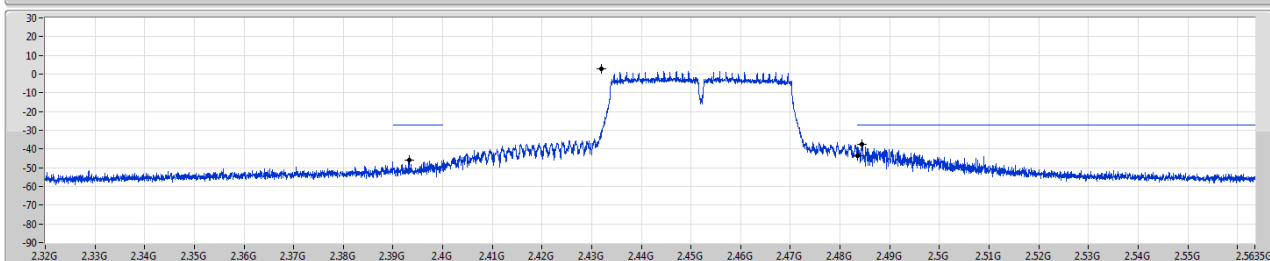
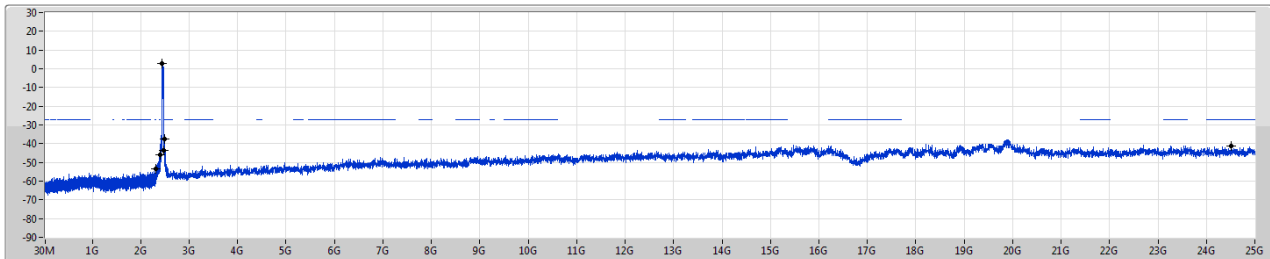
VHT40_Nss1,(MCS0)_1TX

2452MHz

CSE NdB

11/11/2019

Port 1



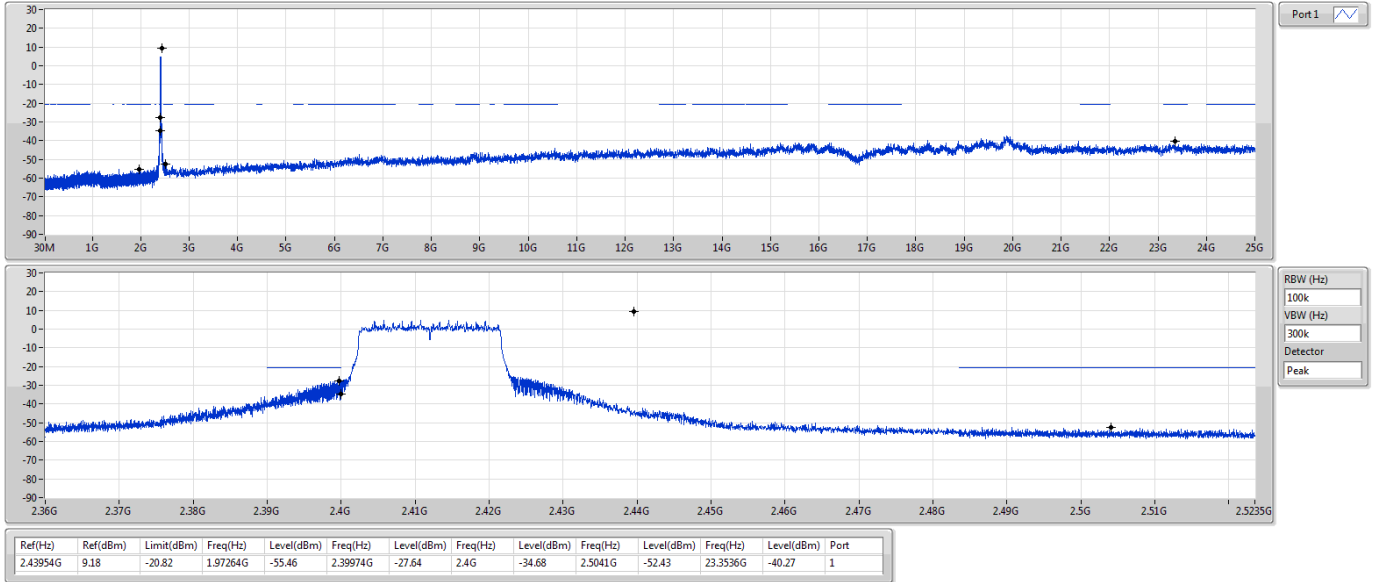
RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43202G	2.76	-27.24	2.30826G	-53.55	2.39328G	-46.03	2.4835G	-43.75	2.48446G	-37.59	2.51762G	-41.04	1

802.11ax HEW20_Nss1,(MCS0)_1TX

CSE NdB

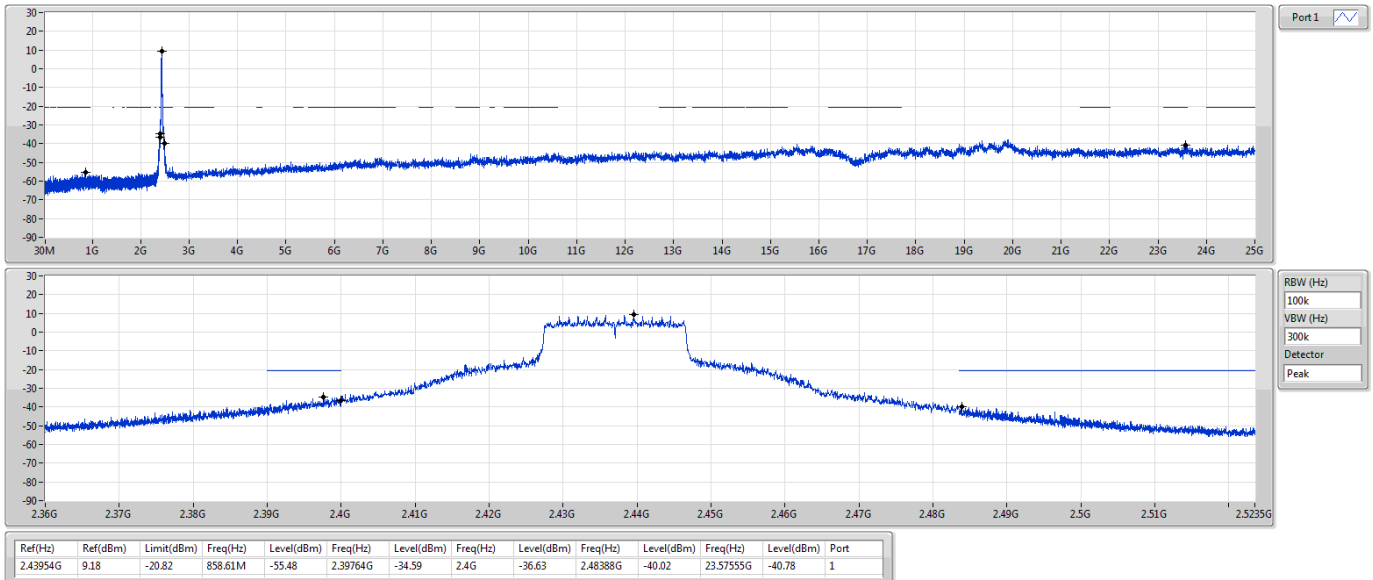
2412MHz



802.11ax HEW20_Nss1,(MCS0)_1TX

CSE NdB

2437MHz

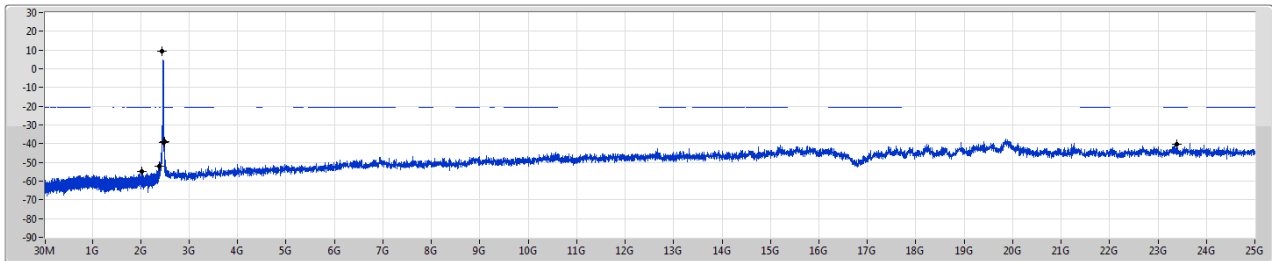


802.11ax HEW20_Nss1,(MCS0)_1TX

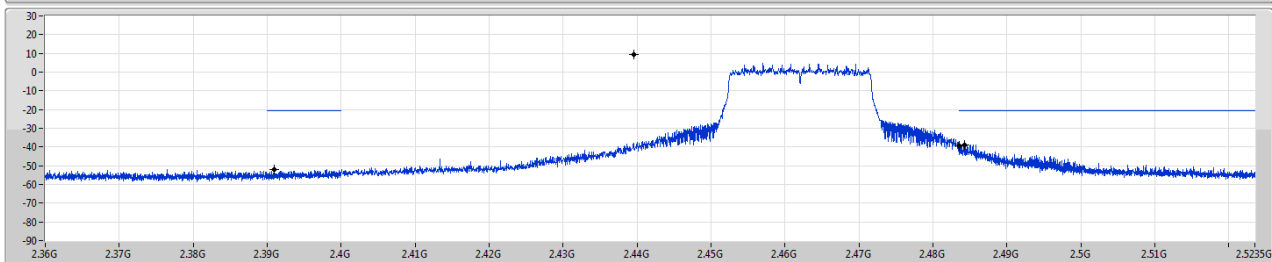
2462MHz

CSE NdB

11/11/2019



Port 1



RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

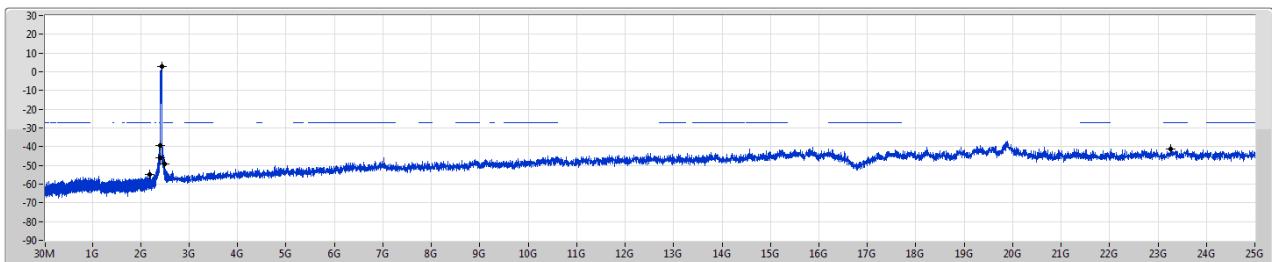
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43954G	9.18	-20.82	2.01982G	-55.07	2.39098G	-52.03	2.4835G	-39.40	2.4842G	-38.70	2.38169G	-40.45	1

802.11ax HEW40_Nss1,(MCS0)_1TX

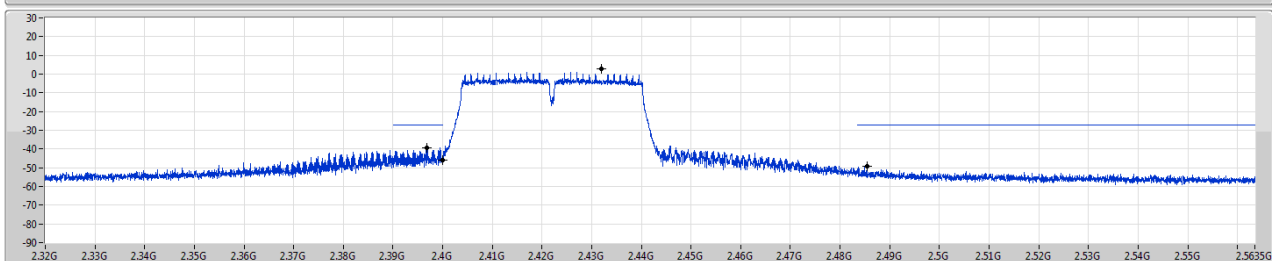
2422MHz

CSE NdB

11/11/2019



Port 1



RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43202G	2.81	-27.19	2.18174G	-54.90	2.39676G	-39.45	2.4G	-46.04	2.48538G	-49.35	2.326958G	-41.21	1

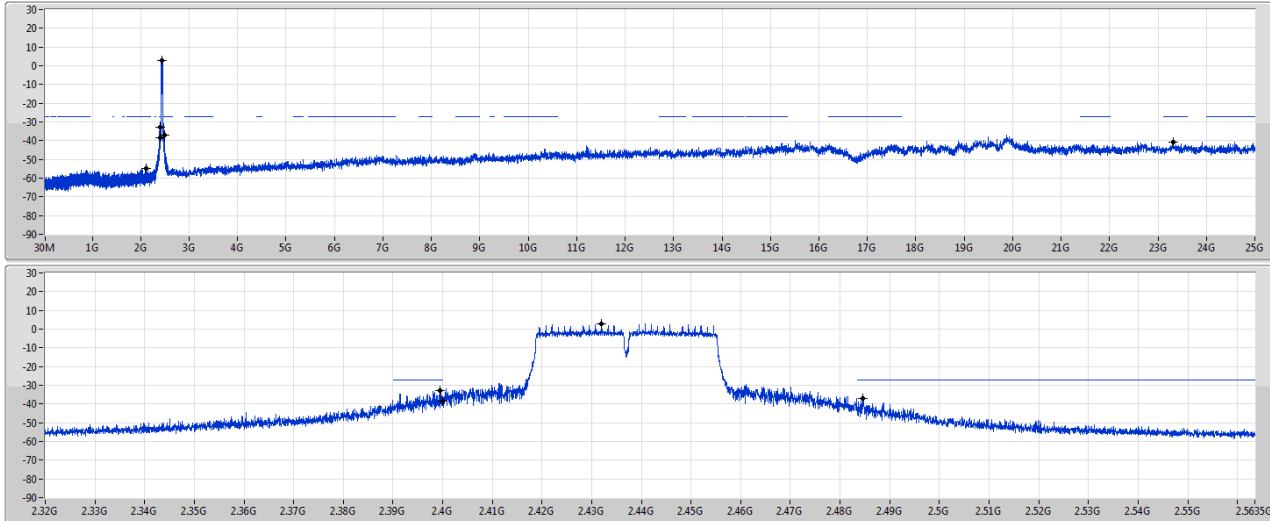
802.11ax HEW40_Nss1,(MCS0)_1TX

2437MHz

CSE NdB

11/11/2019

Port 1



RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43202G	2.81	-27.19	2.11877G	-55.03	2.39948G	-32.90	2.4G	-38.55	2.48462G	-37.19	2.31165G	-40.92	1

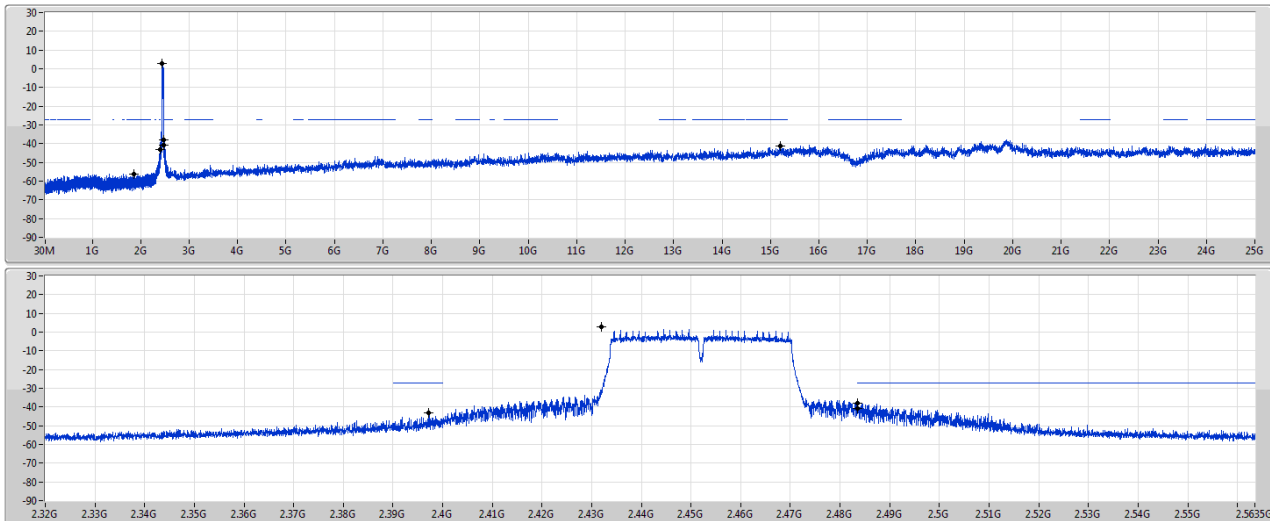
802.11ax HEW40_Nss1,(MCS0)_1TX

2452MHz

CSE NdB

11/11/2019

Port 1



RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43202G	2.81	-27.19	1.86458G	-56.11	2.39724G	-43.26	2.4835G	-40.98	2.48354G	-37.76	15.19805G	-41.33	1

Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.43753G	12.19	-17.81	2.30088G	-54.44	2.39996G	-41.85	2.4G	-41.61	2.51026G	-52.54	17.53218G	-42.62	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.44455G	7.90	-22.10	2.13749G	-54.78	2.39922G	-35.56	2.4G	-40.10	2.50904G	-52.07	17.45632G	-42.27	2
VHT20_Nss2,(MCS0)_2TX	Pass	2.43954G	6.94	-23.06	2.30204G	-55.04	2.39984G	-33.26	2.4G	-39.95	2.49846G	-52.57	25G	-41.30	2
VHT40_Nss2,(MCS0)_2TX	Pass	2.43453G	0.46	-29.54	2.30283G	-52.83	2.39956G	-39.86	2.4G	-45.67	2.4867G	-49.64	15.16159G	-42.38	2
802.11ax HEW20_Nss2,(MCS0)_2TX	Pass	2.43077G	6.86	-23.14	2.10399G	-55.72	2.39888G	-35.07	2.4G	-39.01	2.51294G	-52.11	17.46475G	-42.08	2
802.11ax HEW40_Nss2,(MCS0)_2TX	Pass	2.43453G	0.40	-29.60	2.30283G	-54.18	2.39928G	-35.29	2.4G	-39.34	2.48822G	-42.89	16.20489G	-41.51	2

Result

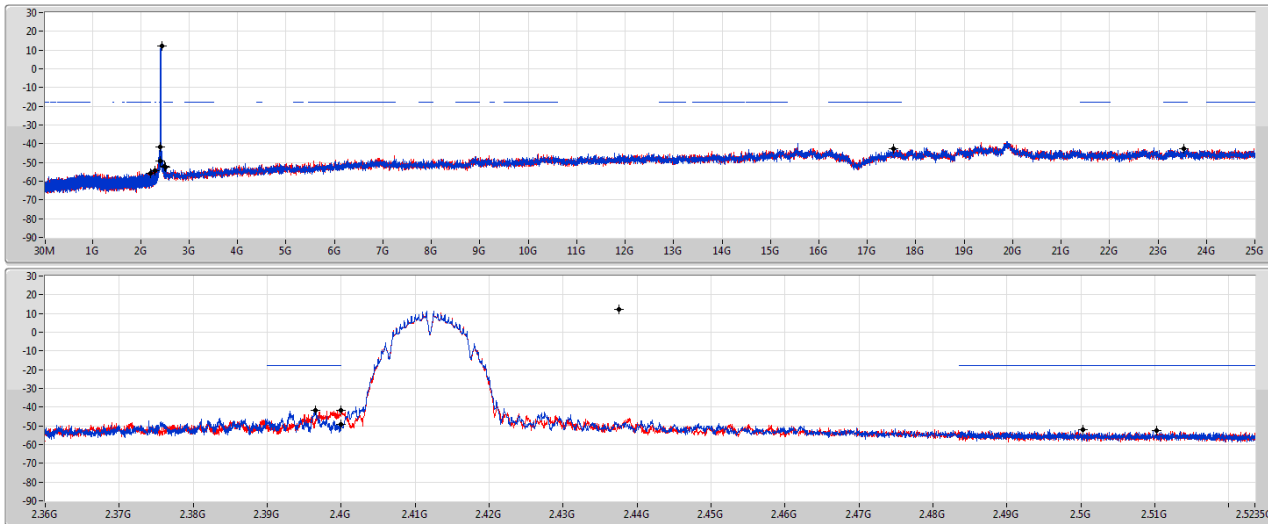
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43753G	12.19	-17.81	2.19544G	-55.60	2.39656G	-41.76	2.4G	-49.41	2.50026G	-51.91	23.54184G	-42.52	1
2412MHz	Pass	2.43753G	12.19	-17.81	2.30088G	-54.44	2.39996G	-41.85	2.4G	-41.61	2.51026G	-52.54	17.53218G	-42.62	2
2437MHz	Pass	2.43753G	12.19	-17.81	2.06089G	-55.03	2.39954G	-45.01	2.4835G	-49.97	2.48704G	-47.88	24.60666G	-42.51	1
2437MHz	Pass	2.43753G	12.19	-17.81	1.98138G	-54.43	2.3957G	-49.10	2.4835G	-50.96	2.48852G	-49.23	23.46598G	-42.10	2
2462MHz	Pass	2.43753G	12.19	-17.81	2.08826G	-55.19	2.3949G	-51.56	2.4835G	-52.84	2.48574G	-47.74	23.27212G	-41.87	1
2462MHz	Pass	2.43753G	12.19	-17.81	2.30379G	-55.36	2.39808G	-50.22	2.4835G	-46.83	2.486G	-44.89	15.20025G	-42.31	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44455G	7.90	-22.10	2.16807G	-55.28	2.39994G	-36.75	2.4G	-42.16	2.50394G	-52.41	17.50971G	-41.70	1
2412MHz	Pass	2.44455G	7.90	-22.10	2.13749G	-54.78	2.39922G	-35.56	2.4G	-40.10	2.50904G	-52.07	17.45632G	-42.27	2
2437MHz	Pass	2.44455G	7.90	-22.10	2.10487G	-55.04	2.3999G	-36.81	2.4G	-39.81	2.48394G	-43.73	24.01384G	-42.28	1
2437MHz	Pass	2.44455G	7.90	-22.10	854.24M	-55.83	2.39796G	-37.46	2.4G	-44.42	2.48448G	-40.96	24.04475G	-42.02	2
2462MHz	Pass	2.44455G	7.90	-22.10	2.14884G	-55.18	2.39516G	-52.50	2.4835G	-49.45	2.4845G	-46.13	24.91009G	-42.36	1
2462MHz	Pass	2.44455G	7.90	-22.10	2.13952G	-55.23	2.39214G	-51.71	2.4835G	-50.78	2.4855G	-43.44	24.94943G	-42.28	2
VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43954G	6.94	-23.06	2.30379G	-55.29	2.3968G	-37.81	2.4G	-41.84	2.50068G	-52.24	16.21169G	-41.85	1
2412MHz	Pass	2.43954G	6.94	-23.06	2.30204G	-55.04	2.39984G	-33.26	2.4G	-39.95	2.49846G	-52.57	25G	-41.30	2
2437MHz	Pass	2.43954G	6.94	-23.06	2.30408G	-54.54	2.39984G	-40.95	2.4G	-42.83	2.48454G	-45.68	17.58556G	-41.37	1
2437MHz	Pass	2.43954G	6.94	-23.06	2.30641G	-54.90	2.39522G	-41.02	2.4G	-44.99	2.48422G	-43.31	24.83143G	-41.89	2
2462MHz	Pass	2.43954G	6.94	-23.06	2.30787G	-55.42	2.3936G	-52.27	2.4835G	-48.96	2.48732G	-43.86	23.27212G	-41.53	1
2462MHz	Pass	2.43954G	6.94	-23.06	2.13778G	-55.05	2.3955G	-50.91	2.4835G	-46.40	2.48398G	-38.79	24.91852G	-42.26	2
VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43453G	0.46	-29.54	2.30798G	-54.68	2.3992G	-45.22	2.4G	-47.95	2.49438G	-52.65	23.37335G	-41.57	1
2422MHz	Pass	2.43453G	0.46	-29.54	2.30569G	-54.80	2.39704G	-45.62	2.4G	-48.02	2.51534G	-52.26	17.61559G	-42.70	2
2437MHz	Pass	2.43453G	0.46	-29.54	2.30025G	-55.39	2.39956G	-41.36	2.4G	-47.26	2.48786G	-49.91	17.5006G	-42.73	1
2437MHz	Pass	2.43453G	0.46	-29.54	2.30283G	-52.83	2.39956G	-39.86	2.4G	-45.67	2.4867G	-49.64	15.16159G	-42.38	2
2452MHz	Pass	2.43453G	0.46	-29.54	896.48M	-54.71	2.39864G	-51.07	2.4835G	-51.24	2.48454G	-46.10	15.21769G	-41.92	1
2452MHz	Pass	2.43453G	0.46	-29.54	2.30798G	-54.49	2.3996G	-51.48	2.4835G	-50.86	2.4895G	-44.14	16.20489G	-42.00	2
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43077G	6.86	-23.14	2.30787G	-55.35	2.39996G	-40.40	2.4G	-40.15	2.51016G	-51.61	17.55466G	-42.17	1
2412MHz	Pass	2.43077G	6.86	-23.14	2.10399G	-55.72	2.39888G	-35.07	2.4G	-39.01	2.51294G	-52.11	17.46475G	-42.08	2
2437MHz	Pass	2.43077G	6.86	-23.14	2.14069G	-54.67	2.39882G	-40.30	2.4G	-43.42	2.48546G	-45.62	23.30864G	-41.26	1
2437MHz	Pass	2.43077G	6.86	-23.14	2.30379G	-54.68	2.39964G	-41.45	2.4835G	-42.36	2.48368G	-44.05	24.9719G	-41.93	2
2462MHz	Pass	2.43077G	6.86	-23.14	1.96623G	-55.15	2.39114G	-52.54	2.4835G	-45.75	2.48414G	-42.66	23.37888G	-42.03	1
2462MHz	Pass	2.43077G	6.86	-23.14	2.14972G	-54.46	2.39926G	-51.94	2.4835G	-45.19	2.48376G	-39.69	24.6179G	-42.20	2
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43453G	0.40	-29.60	2.30454G	-55.04	2.39804G	-43.02	2.4G	-47.94	2.48526G	-50.87	17.46695G	-41.94	1
2422MHz	Pass	2.43453G	0.40	-29.60	2.30941G	-54.18	2.39804G	-43.57	2.4G	-46.10	2.48586G	-52.28	23.24715G	-41.51	2
2437MHz	Pass	2.43453G	0.40	-29.60	2.30368G	-54.02	2.39928G	-36.12	2.4G	-40.56	2.48378G	-43.87	23.56967G	-42.09	1
2437MHz	Pass	2.43453G	0.40	-29.60	2.30283G	-54.18	2.39928G	-35.29	2.4G	-39.34	2.48822G	-42.89	16.20489G	-41.51	2
2452MHz	Pass	2.43453G	0.40	-29.60	2.30884G	-55.36	2.39928G	-47.93	2.4835G	-47.39	2.48474G	-43.53	16.24416G	-40.93	1
2452MHz	Pass	2.43453G	0.40	-29.60	2.30197G	-54.42	2.3992G	-49.26	2.4835G	-48.08	2.48698G	-43.07	15.23171G	-42.17	2

802.11b_Nss1,(1Mbps)_2TX

2412MHz

CSE NdB

11/11/2019



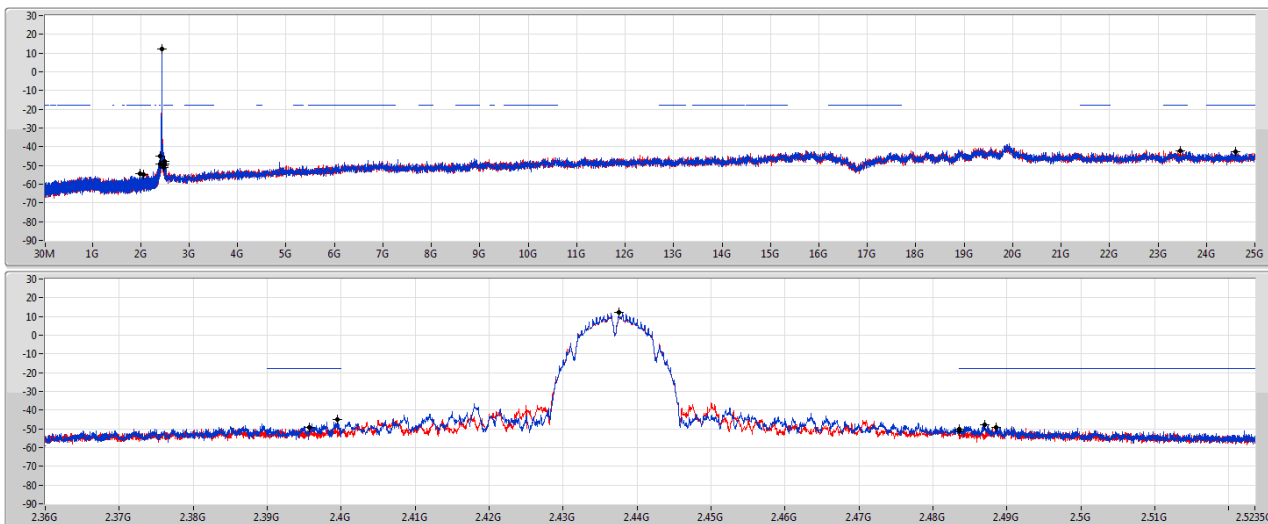
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43753G	12.19	-17.81	2.19544G	-55.60	2.39656G	-41.76	2.4G	-49.41	2.50026G	-51.91	23.54184G	-42.52	1
2.43753G	12.19	-17.81	2.30088G	-54.44	2.39996G	-41.85	2.4G	-41.61	2.51026G	-52.54	17.53218G	-42.62	2

802.11b_Nss1,(1Mbps)_2TX

2437MHz

CSE NdB

11/11/2019

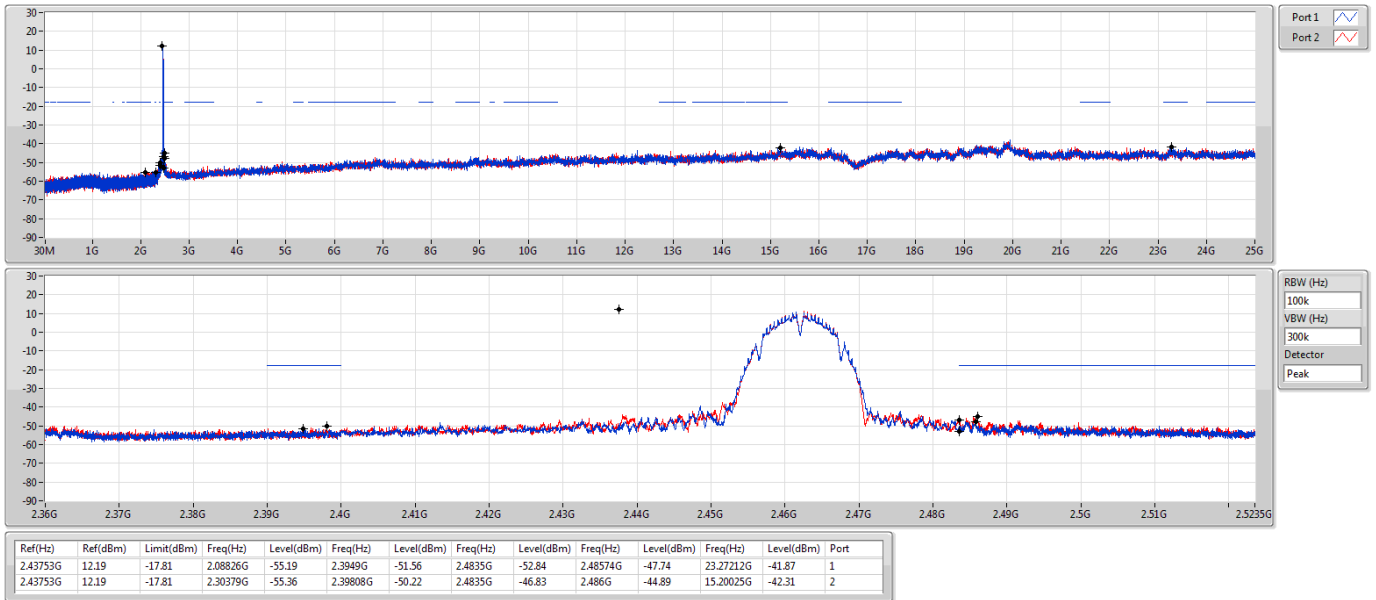


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43753G	12.19	-17.81	2.06089G	-55.03	2.39954G	-45.01	2.4835G	-49.97	2.48704G	-47.88	24.60666G	-42.51	1
2.43753G	12.19	-17.81	1.98138G	-54.43	2.3957G	-49.10	2.4835G	-50.96	2.48852G	-49.23	23.46598G	-42.10	2

802.11b_Nss1,(1Mbps)_2TX

2462MHz

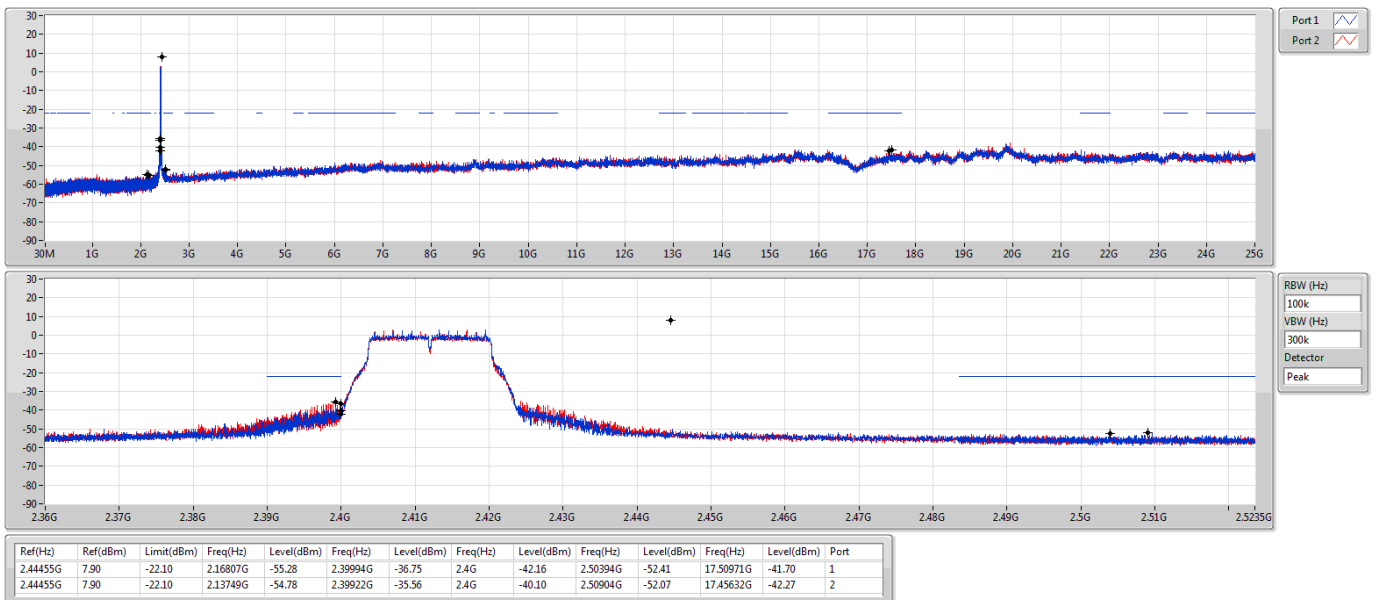
CSE NdB



802.11g_Nss1,(6Mbps)_2TX

2412MHz

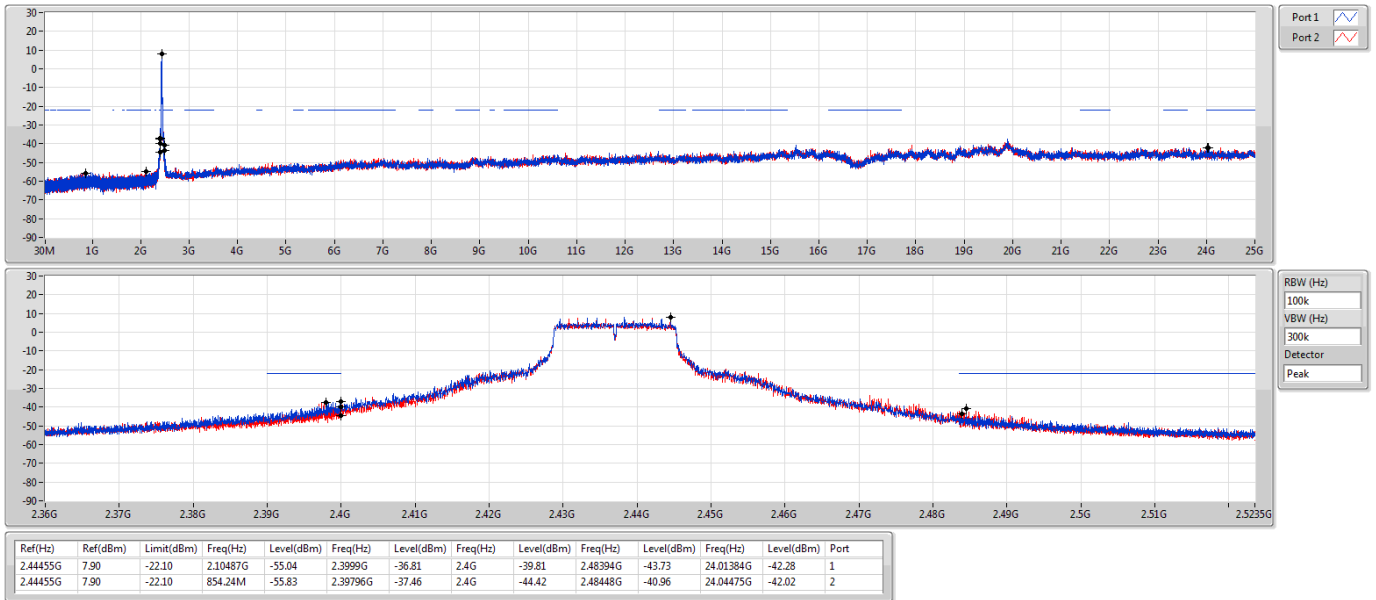
CSE NdB



802.11g_Nss1,(6Mbps)_2TX

2437MHz

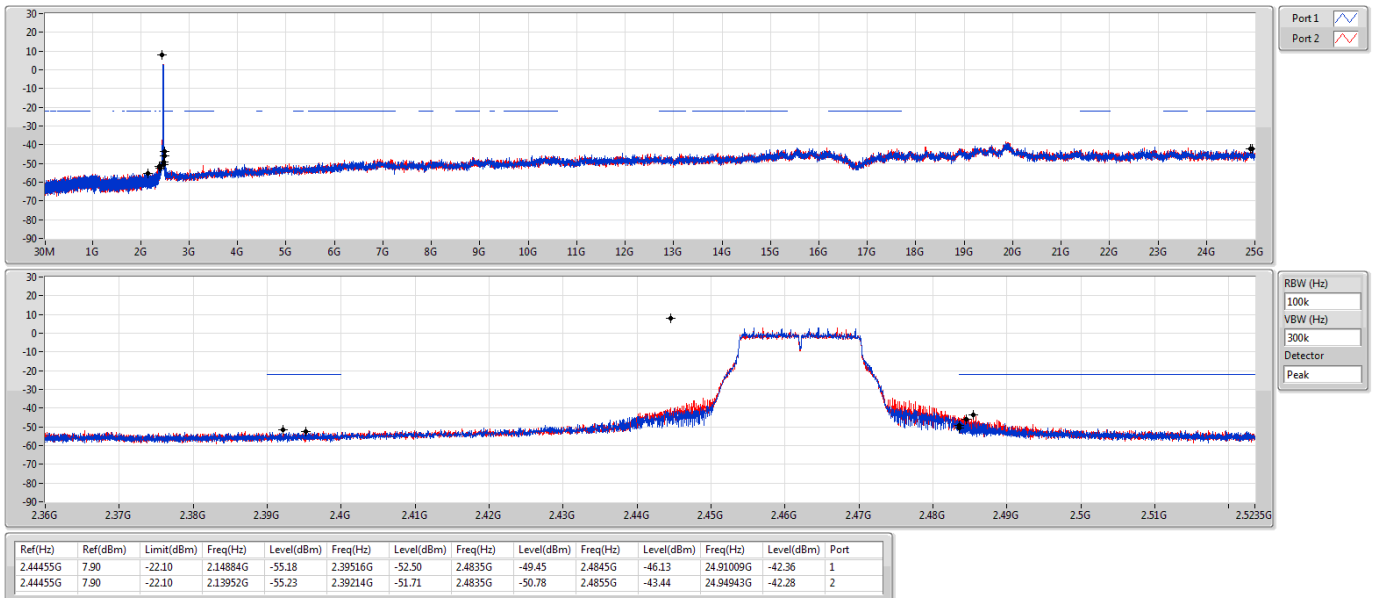
CSE NdB



802.11g_Nss1,(6Mbps)_2TX

2462MHz

CSE NdB



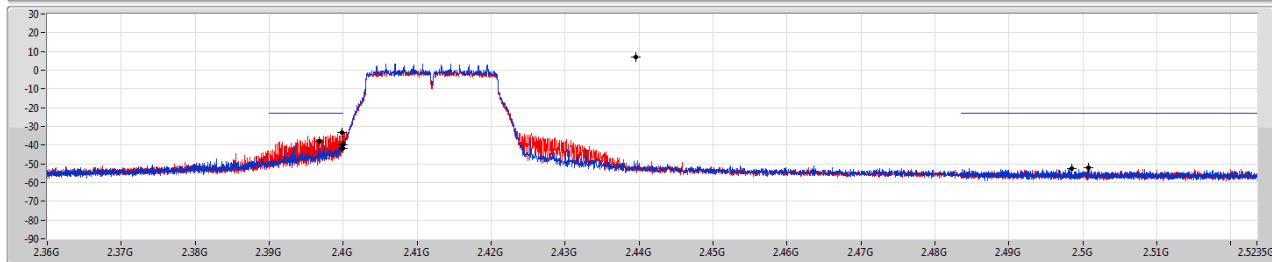
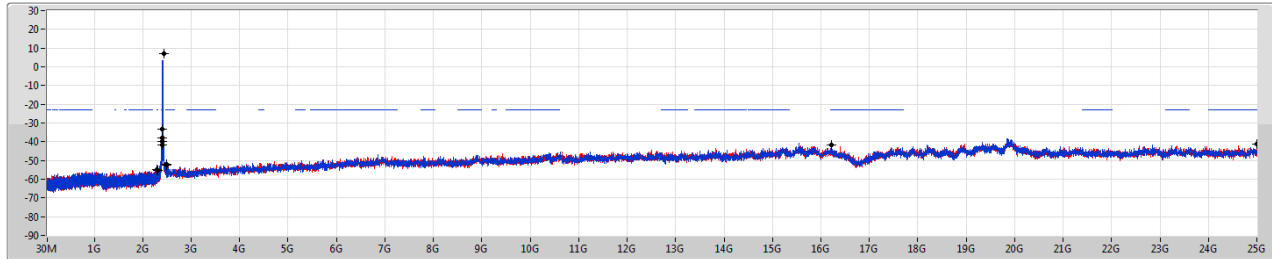
VHT20_Nss2,(MCS0)_2TX

2412MHz

CSE NdB

11/11/2019

Port 1 
Port 2 



RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43954G	6.94	-23.06	2.30379G	-55.29	2.3968G	-37.81	2.4G	-41.84	2.50068G	-52.24	16.21169G	-41.85	1
2.43954G	6.94	-23.06	2.30204G	-55.04	2.39984G	-33.26	2.4G	-39.95	2.49846G	-52.57	25G	-41.30	2

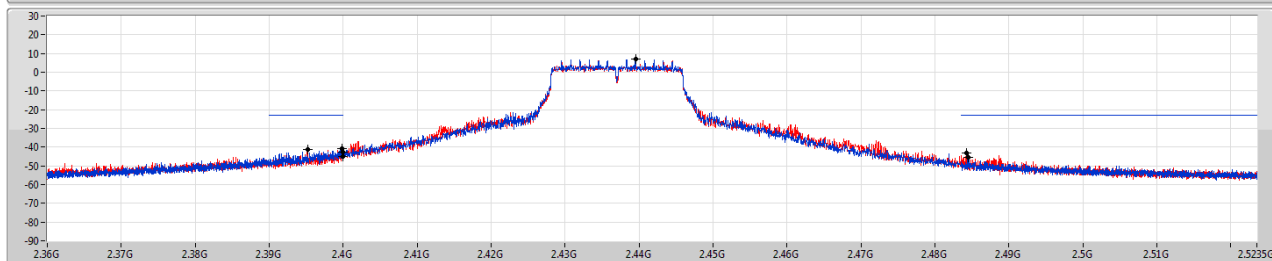
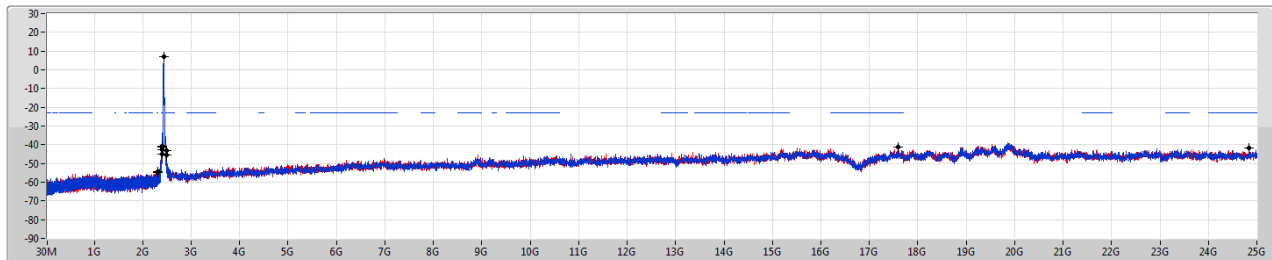
VHT20_Nss2,(MCS0)_2TX

2437MHz

CSE NdB

11/11/2019

Port 1 
Port 2 



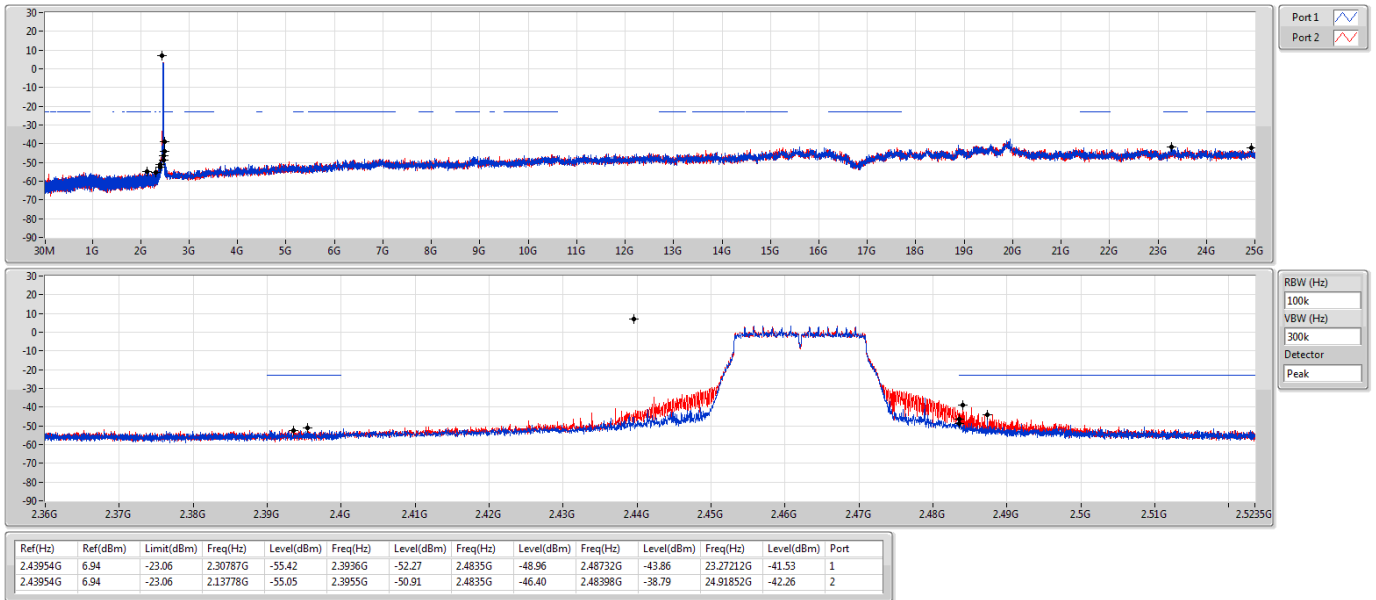
RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43954G	6.94	-23.06	2.30408G	-54.54	2.39984G	-40.95	2.4G	-42.83	2.48454G	-45.68	17.58556G	-41.37	1
2.43954G	6.94	-23.06	2.30641G	-54.90	2.39522G	-41.02	2.4G	-44.99	2.48422G	-43.31	24.83143G	-41.89	2

VHT20_Nss2,(MCS0)_2TX

2462MHz

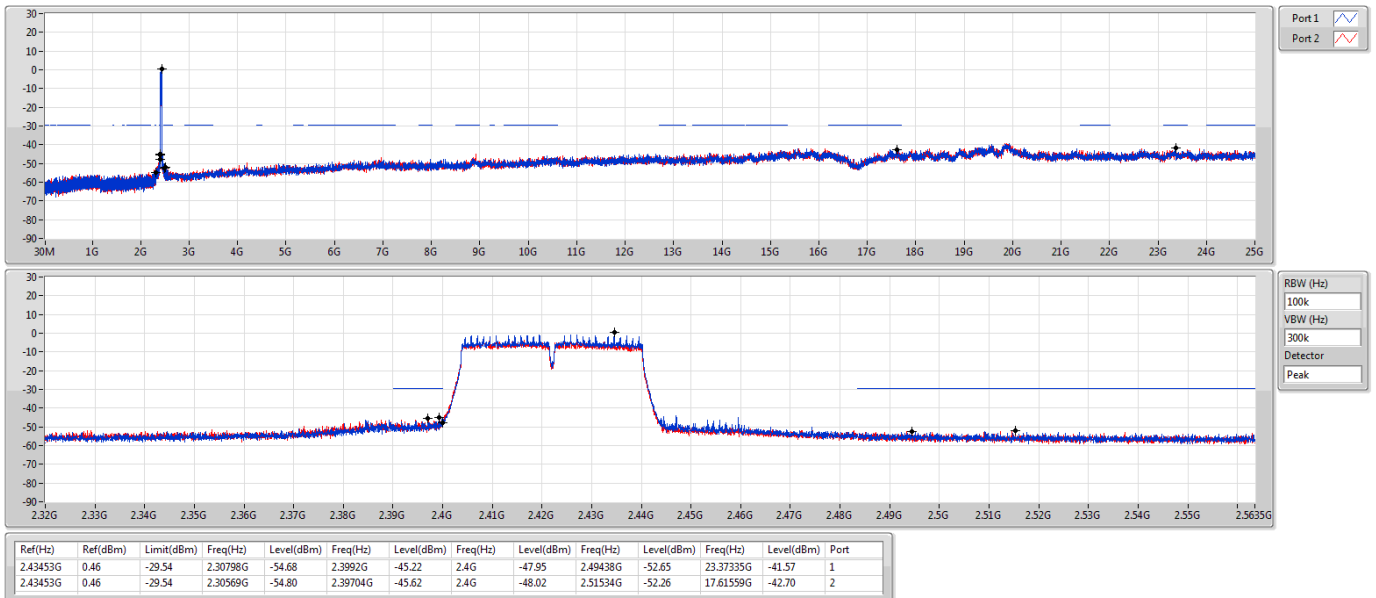
CSE NdB



VHT40_Nss2,(MCS0)_2TX

2422MHz

CSE NdB

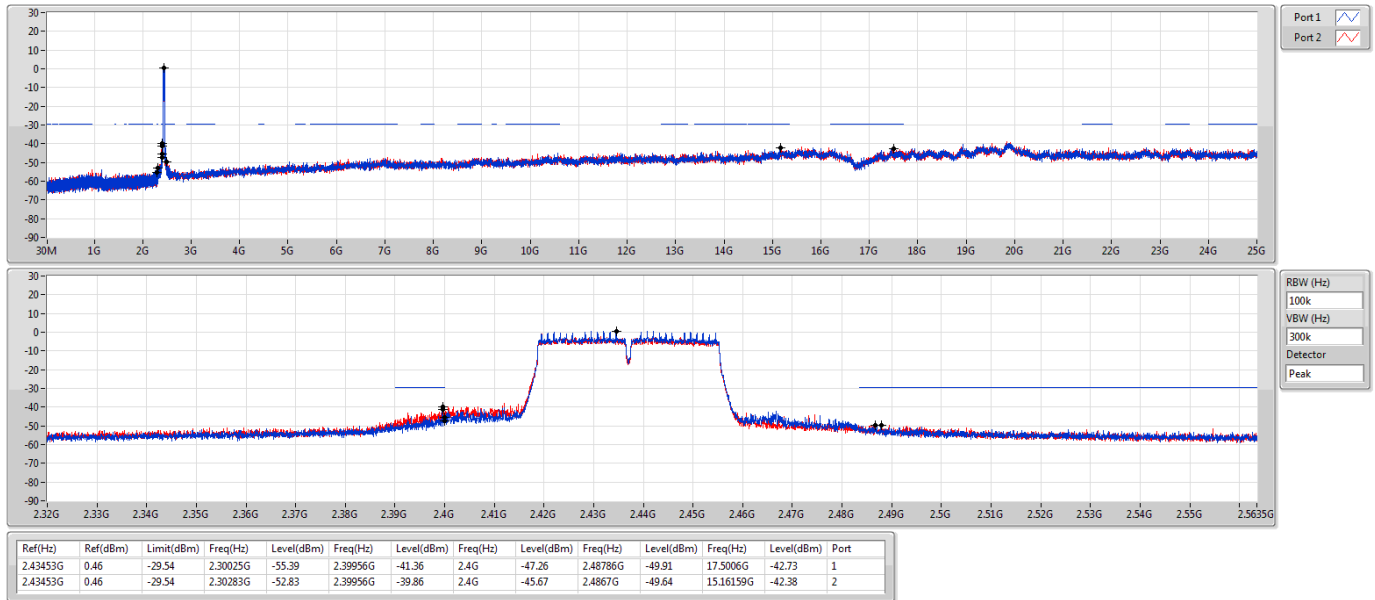


VHT40_Nss2,(MCS0)_2TX

2437MHz

CSE NdB

11/11/2019

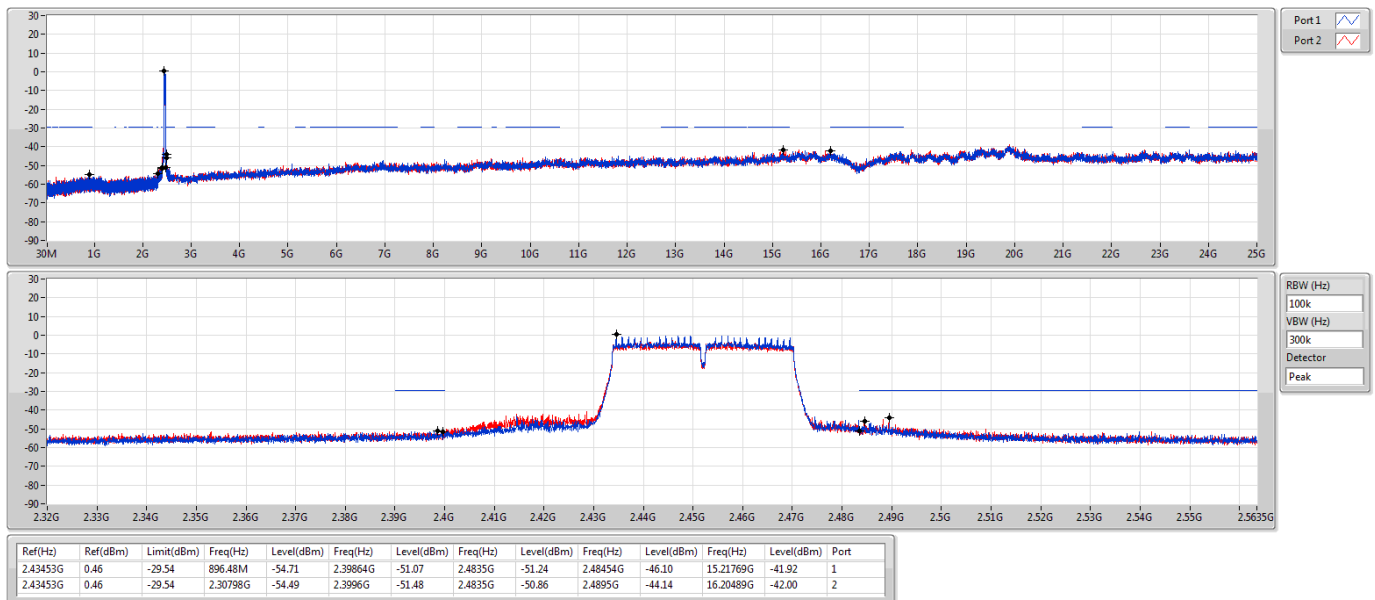


VHT40_Nss2,(MCS0)_2TX

2452MHz

CSE NdB

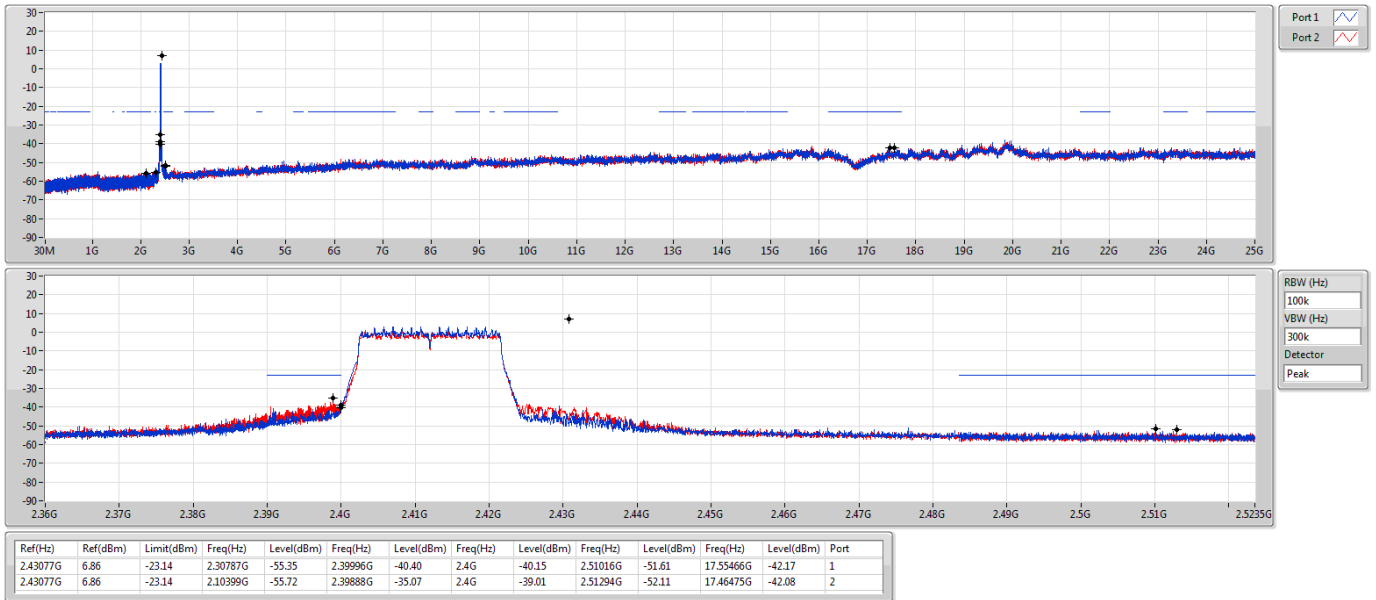
11/11/2019



802.11ax HEW20_Nss2,(MCS0)_2TX

2412MHz

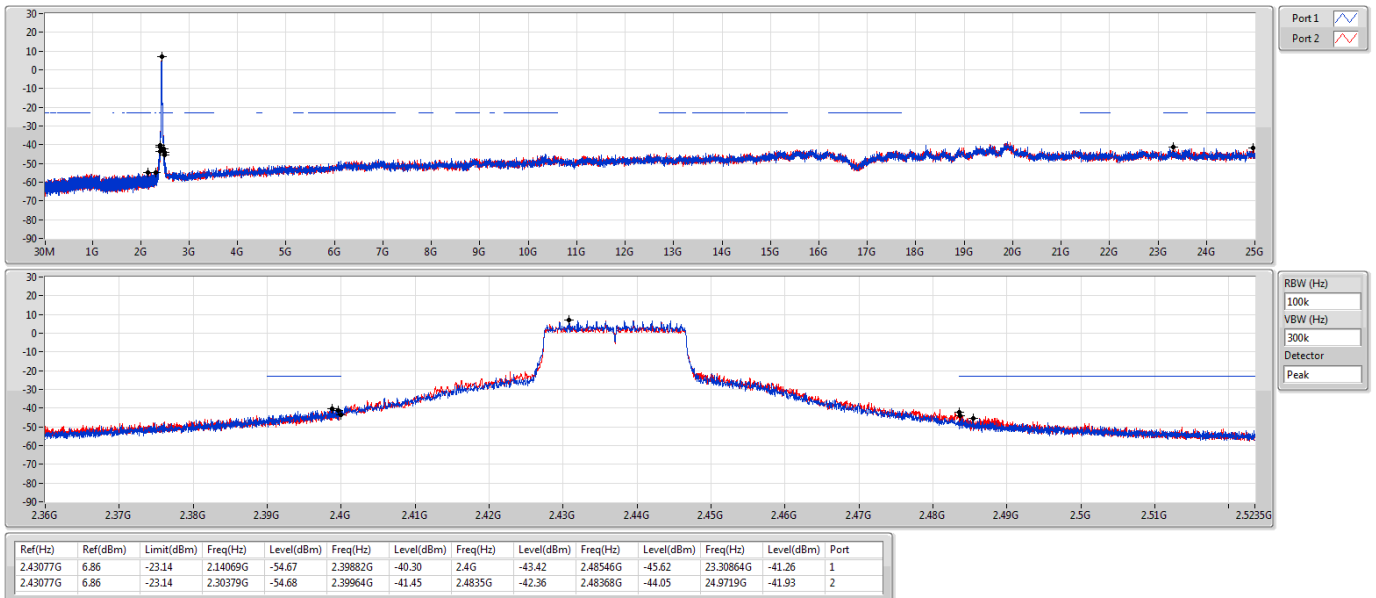
CSE NdB



802.11ax HEW20_Nss2,(MCS0)_2TX

2437MHz

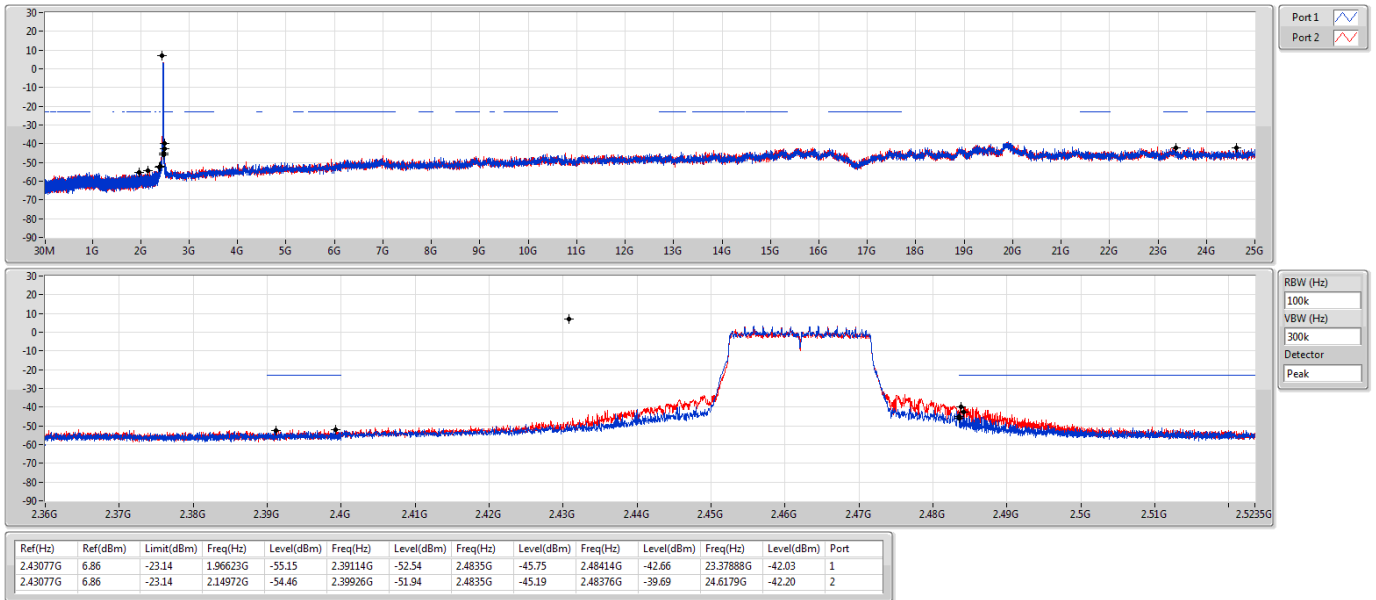
CSE NdB



802.11ax HEW20_Nss2,(MCS0)_2TX

CSE NdB

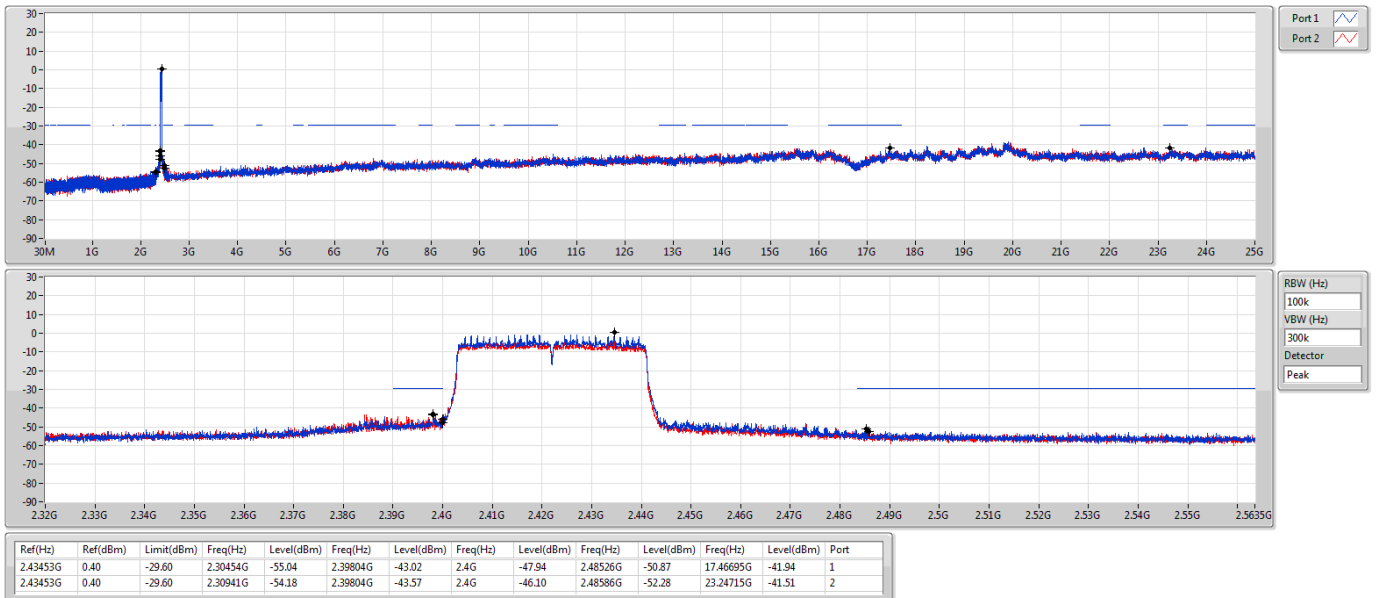
2462MHz



802.11ax HEW40_Nss2,(MCS0)_2TX

CSE NdB

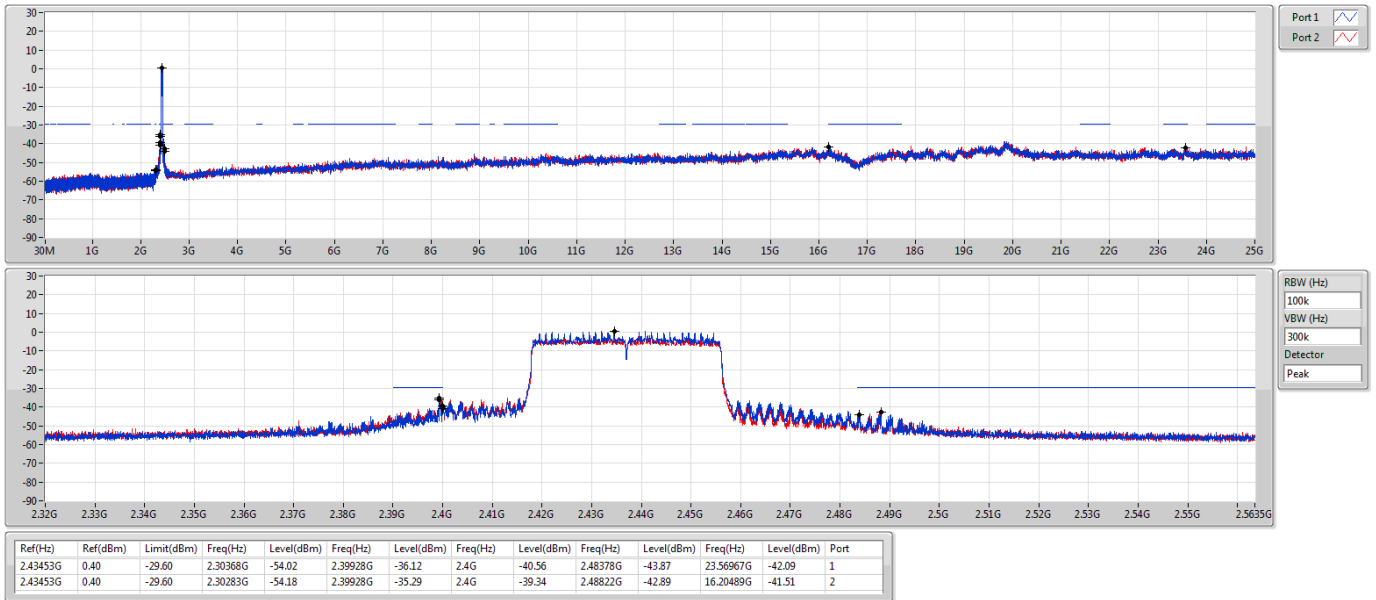
2422MHz



802.11ax HEW40_Nss2,(MCS0)_2TX

2437MHz

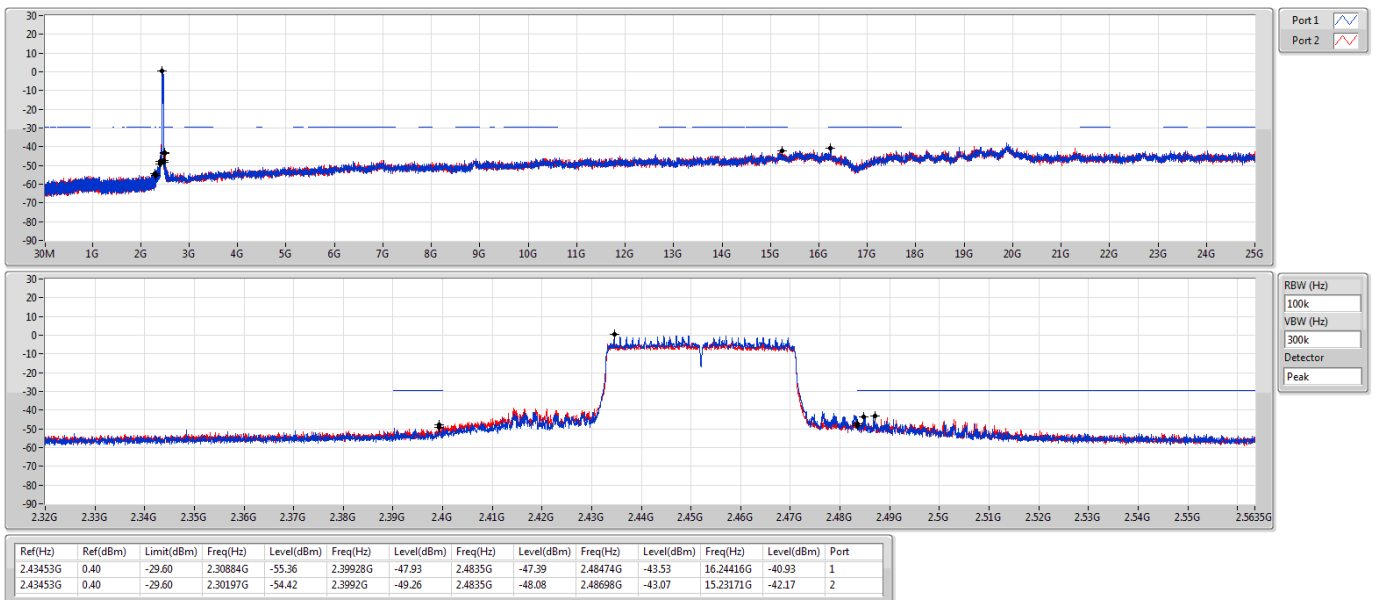
CSE NdB



802.11ax HEW40_Nss2,(MCS0)_2TX

2452MHz

CSE NdB





**CSE(Non-restricted Band) _Non-Beamforming_ Sample
2_Radio 1_Panel 1_1T1S**

Appendix E.5

Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	2.43653G	12.21	-17.79	2.30816G	-53.66	2.39656G	-39.07	2.4G	-46.22	2.49916G	-51.87	23.19345G	-42.11	1
802.11g_Nss1,(6Mbps)_1TX	Pass	2.43077G	9.16	-20.84	1.96594G	-54.65	2.39976G	-34.72	2.4G	-36.72	2.485G	-52.28	23.55869G	-42.49	1
VHT20_Nss1,(MCS0)_1TX	Pass	2.43828G	7.92	-22.08	2.1337G	-54.48	2.39976G	-37.25	2.4G	-41.74	2.48442G	-44.11	24.74152G	-41.72	1
VHT40_Nss1,(MCS0)_1TX	Pass	2.43453G	1.84	-28.16	1.95732G	-55.02	2.39856G	-36.71	2.4G	-39.49	2.48878G	-40.38	21.55319G	-41.51	1
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	2.43077G	8.62	-21.38	2.15438G	-55.15	2.39994G	-35.93	2.4G	-37.95	2.4838G	-39.61	23.40979G	-42.55	1
802.11ax HEW40_Nss1,(MCS0)_1TX	Pass	2.442G	1.73	-28.27	2.30512G	-55.90	2.399G	-38.83	2.4G	-42.34	2.48438G	-42.65	15.23171G	-41.56	1

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43653G	12.21	-17.79	2.30816G	-53.66	2.39656G	-39.07	2.4G	-46.22	2.49916G	-51.87	23.19345G	-42.11	1
2437MHz	Pass	2.43653G	12.21	-17.79	2.13079G	-55.49	2.39102G	-45.45	2.4G	-48.71	2.48502G	-48.18	23.39855G	-42.68	1
2462MHz	Pass	2.43653G	12.21	-17.79	746.77M	-51.48	2.39494G	-51.53	2.4835G	-50.09	2.48552G	-47.09	22.00782G	-42.21	1
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43077G	9.16	-20.84	1.96594G	-54.65	2.39976G	-34.72	2.4G	-36.72	2.485G	-52.28	23.55869G	-42.49	1
2437MHz	Pass	2.43077G	9.16	-20.84	2.1203G	-53.74	2.39926G	-36.20	2.4G	-39.58	2.48352G	-42.81	23.25526G	-41.97	1
2462MHz	Pass	2.43077G	9.16	-20.84	2.30029G	-55.04	2.39888G	-52.61	2.4835G	-47.32	2.48354G	-44.31	23.34517G	-42.37	1
VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43828G	7.92	-22.08	737.45M	-55.30	2.39716G	-42.38	2.4G	-43.17	2.48918G	-52.22	17.47318G	-42.25	1
2437MHz	Pass	2.43828G	7.92	-22.08	2.1337G	-54.48	2.39976G	-37.25	2.4G	-41.74	2.48442G	-44.11	24.74152G	-41.72	1
2462MHz	Pass	2.43828G	7.92	-22.08	942.49M	-55.40	2.39478G	-52.68	2.4835G	-52.58	2.49048G	-50.57	23.33393G	-42.30	1
VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43453G	1.84	-28.16	2.09243G	-55.05	2.39828G	-40.70	2.4G	-46.80	2.4841G	-49.38	23.28922G	-40.69	1
2437MHz	Pass	2.43453G	1.84	-28.16	1.95732G	-55.02	2.39856G	-36.71	2.4G	-39.49	2.48878G	-40.38	21.55319G	-41.51	1
2452MHz	Pass	2.43453G	1.84	-28.16	918.23M	-55.38	2.39844G	-46.22	2.4835G	-50.60	2.48678G	-44.12	17.55389G	-42.41	1
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43077G	8.62	-21.38	2.12584G	-55.06	2.39938G	-37.52	2.4G	-42.02	2.522G	-52.21	23.26088G	-41.41	1
2437MHz	Pass	2.43077G	8.62	-21.38	2.15438G	-55.15	2.39994G	-35.93	2.4G	-37.95	2.4838G	-39.61	23.40979G	-42.55	1
2462MHz	Pass	2.43077G	8.62	-21.38	2.14185G	-55.85	2.39974G	-52.52	2.4835G	-47.00	2.48384G	-45.61	23.40136G	-42.34	1
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.442G	1.73	-28.27	2.30912G	-54.65	2.39548G	-42.38	2.4G	-45.82	2.49074G	-50.83	15.20647G	-41.51	1
2437MHz	Pass	2.442G	1.73	-28.27	2.30512G	-55.90	2.399G	-38.83	2.4G	-42.34	2.48438G	-42.65	15.23171G	-41.56	1
2452MHz	Pass	2.442G	1.73	-28.27	2.3097G	-54.53	2.393G	-50.71	2.4835G	-51.65	2.4841G	-44.67	24.89343G	-42.07	1

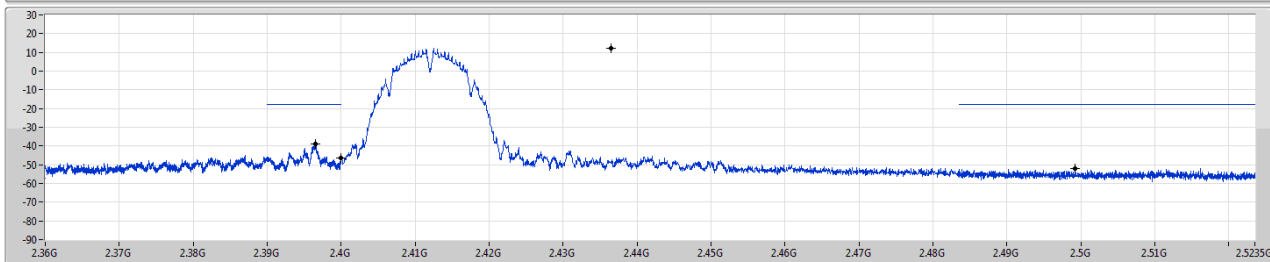
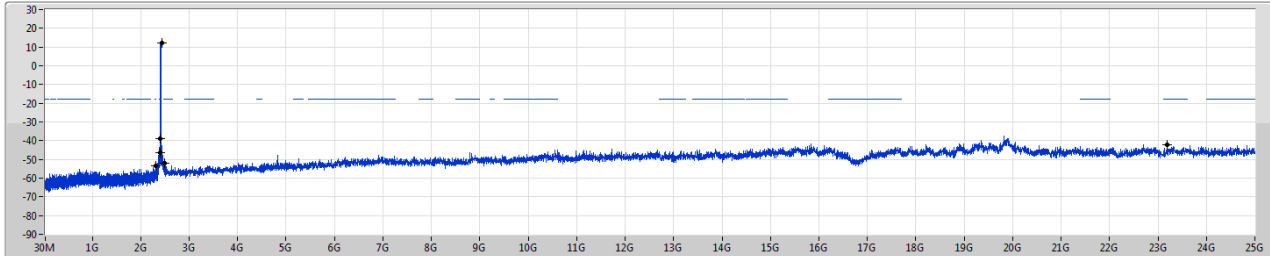
802.11b_Nss1,(1Mbps)_1TX

2412MHz

CSE NdB

11/11/2019

Port1



RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

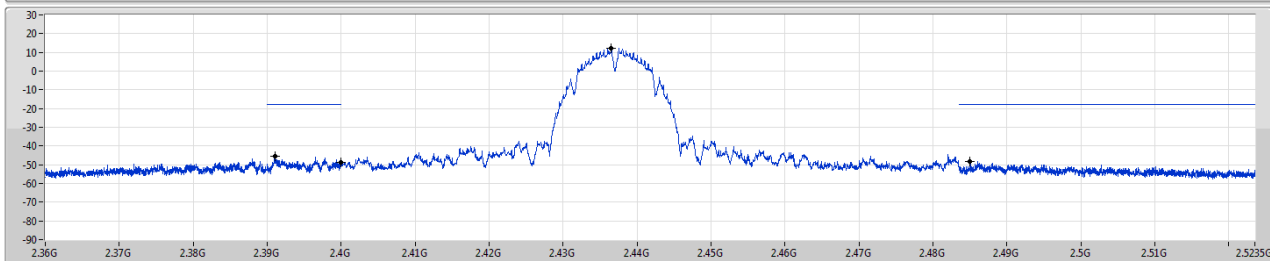
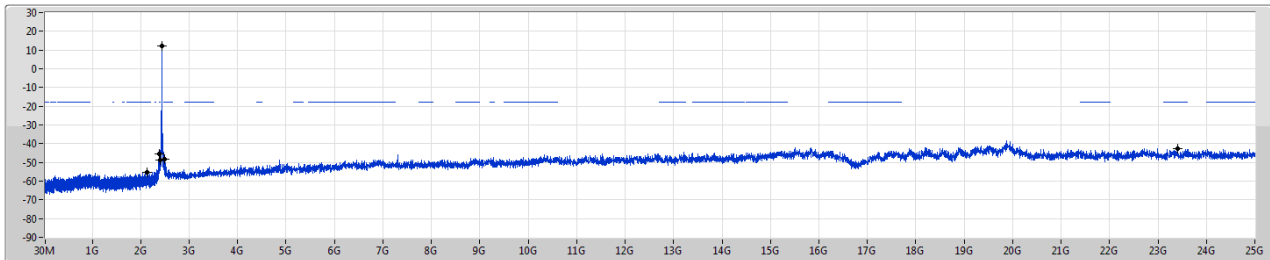
802.11b_Nss1,(1Mbps)_1TX

2437MHz

CSE NdB

11/11/2019

Port1



RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

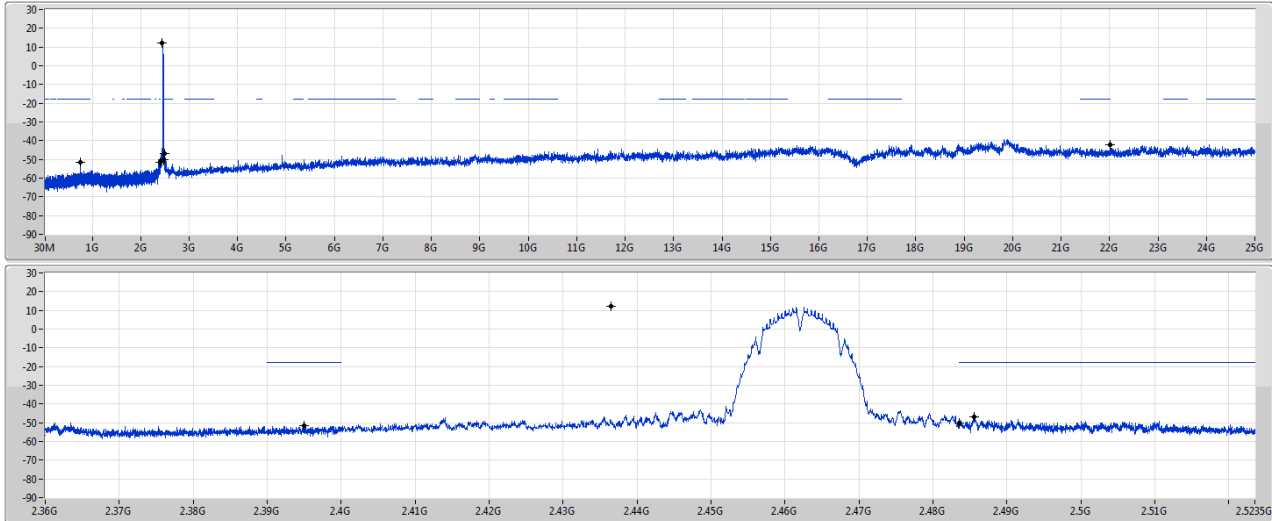
802.11b_Nss1,(1Mbps)_1TX

2462MHz

CSE NdB

11/11/2019

Port 1



RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43653G	12.21	-17.79	746.77M	-51.48	2.39494G	-51.53	2.4835G	-50.09	2.48552G	-47.09	22.00782G	-42.21	1

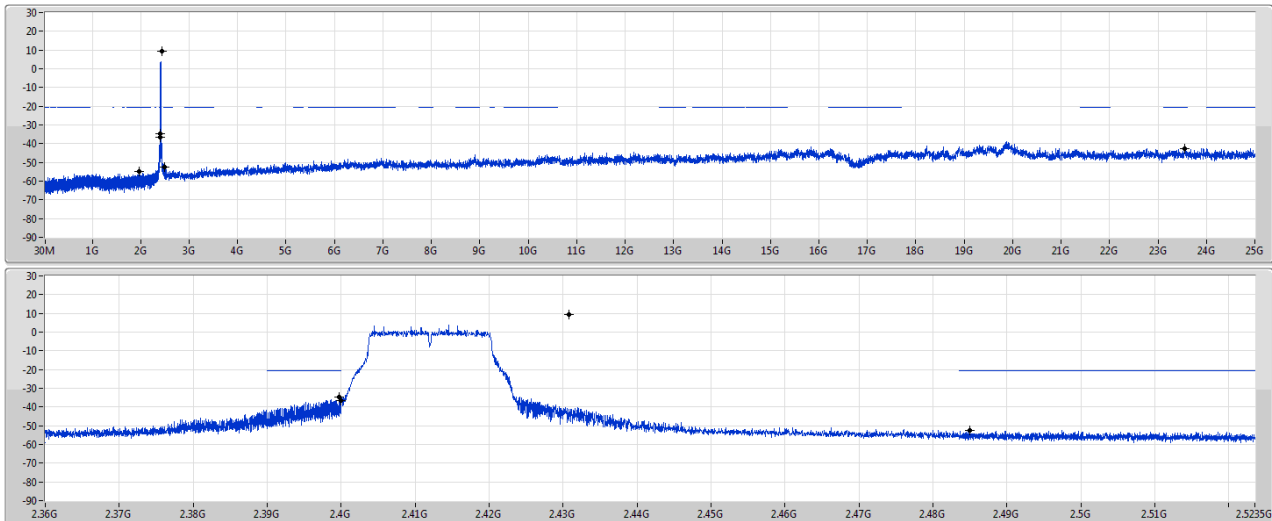
802.11g_Nss1,(6Mbps)_1TX

2412MHz

CSE NdB

11/11/2019

Port 1



RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43077G	9.16	-20.84	1.96594G	-54.65	2.39976G	-34.72	2.4G	-36.72	2.485G	-52.28	23.55869G	-42.49	1

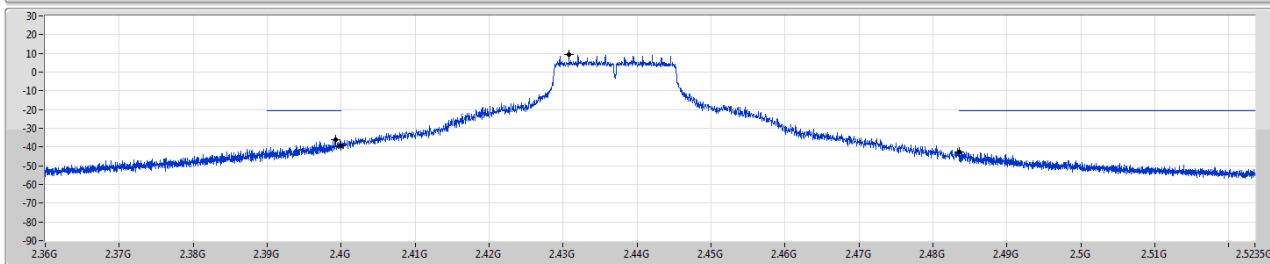
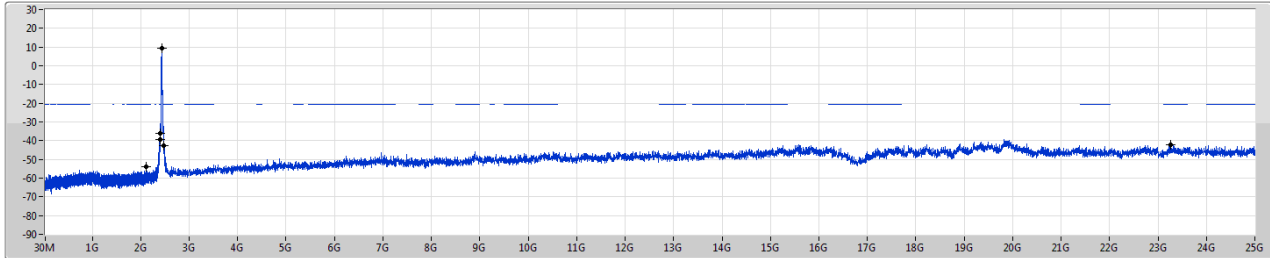
802.11g_Nss1,(6Mbps)_1TX

2437MHz

CSE NdB

11/11/2019

Port 1 



RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43077G	9.16	-20.84	2.1203G	-53.74	2.39926G	-36.20	2.4G	-39.58	2.48352G	-42.81	2.52526G	-41.97	1

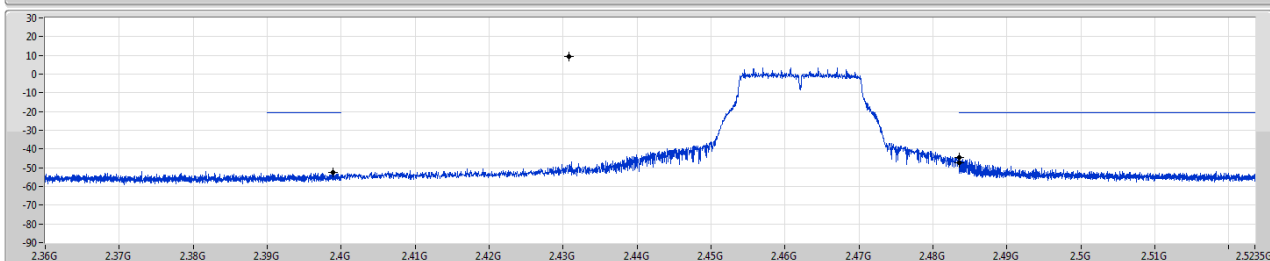
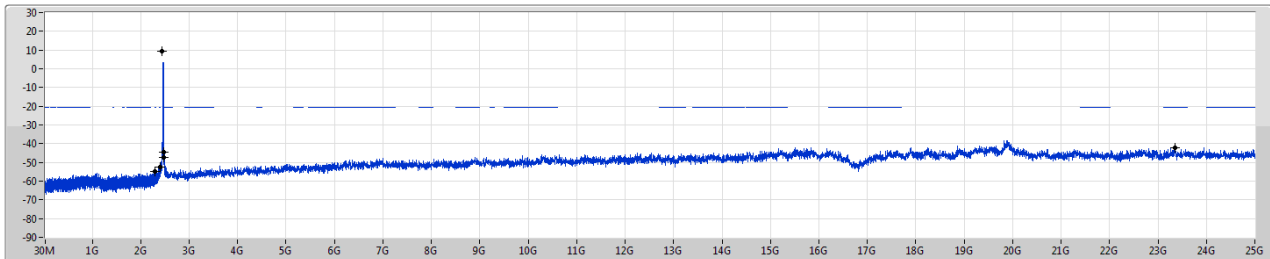
802.11g_Nss1,(6Mbps)_1TX

2462MHz

CSE NdB

11/11/2019

Port 1 



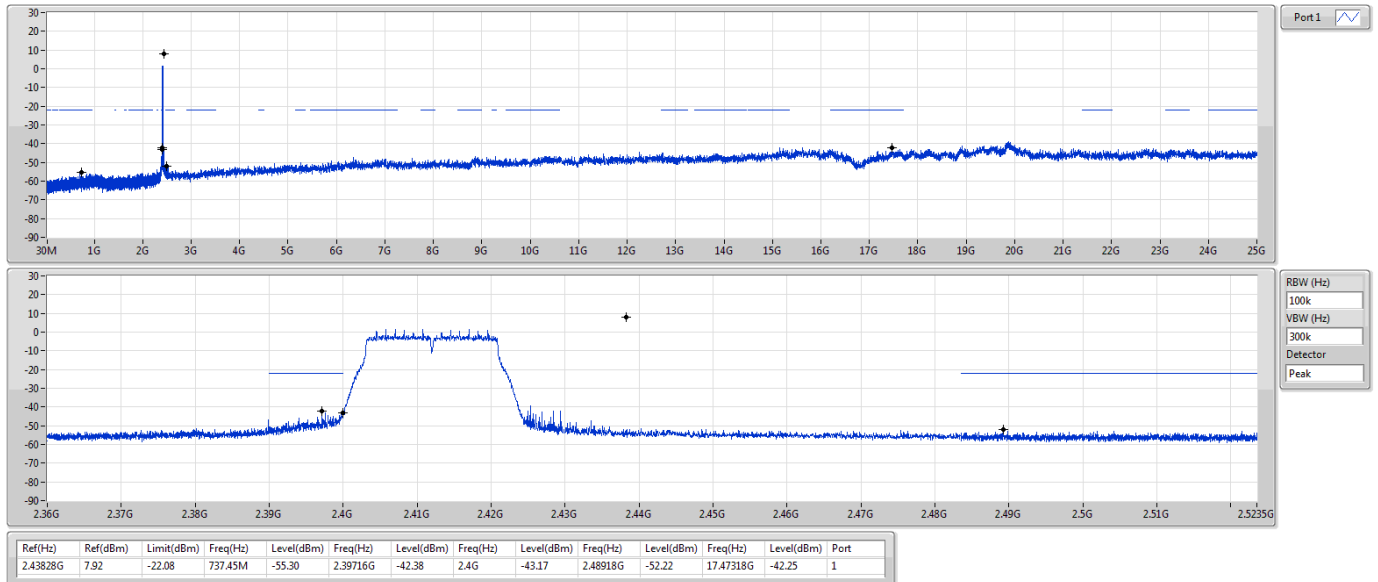
RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43077G	9.16	-20.84	2.30029G	-55.04	2.39888G	-52.61	2.4835G	-47.32	2.48354G	-44.31	2.534517G	-42.37	1

VHT20_Nss1,(MCS0)_1TX

CSE NdB

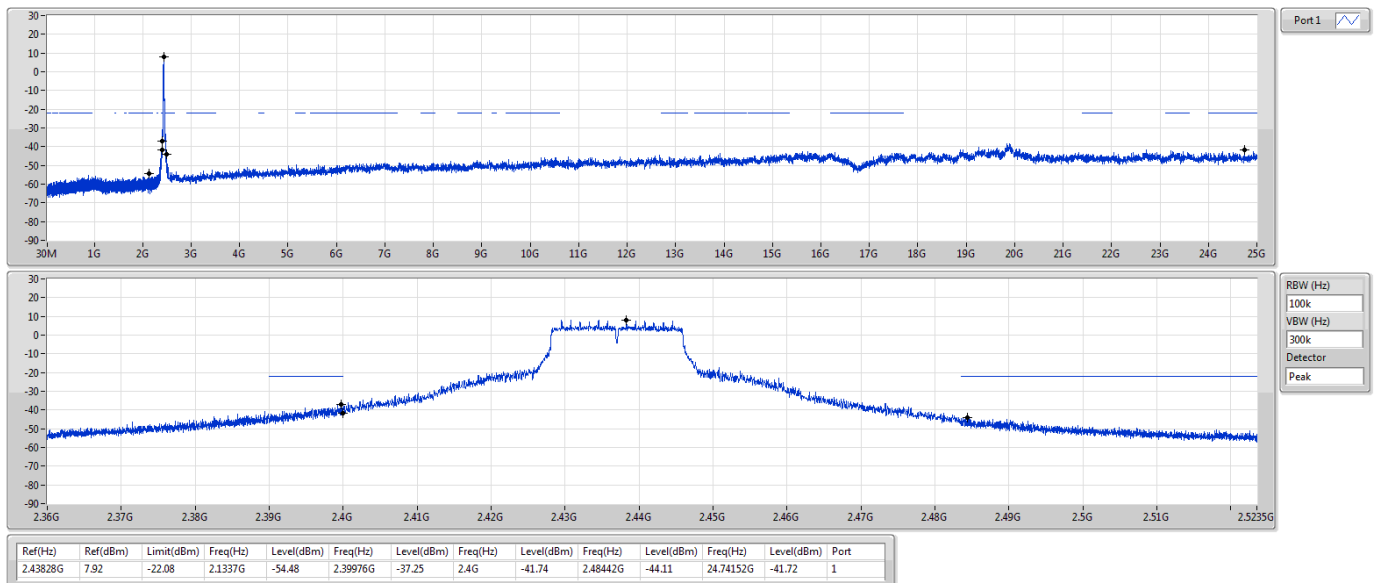
2412MHz



VHT20_Nss1,(MCS0)_1TX

CSE NdB

2437MHz



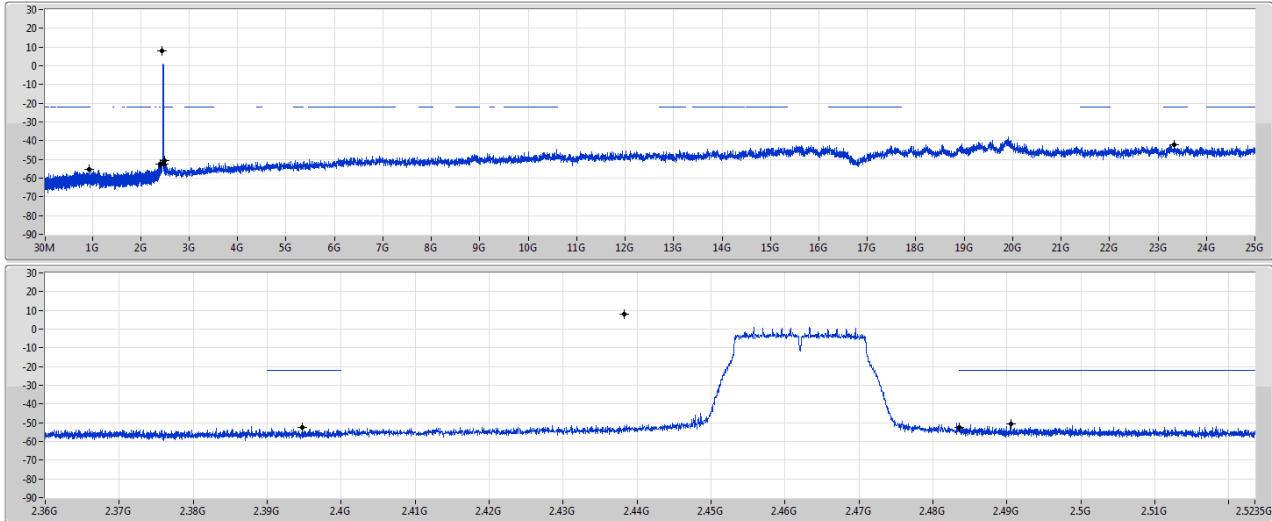
VHT20_Nss1,(MCS0)_1TX

2462MHz

CSE NdB

11/11/2019

Port 1 



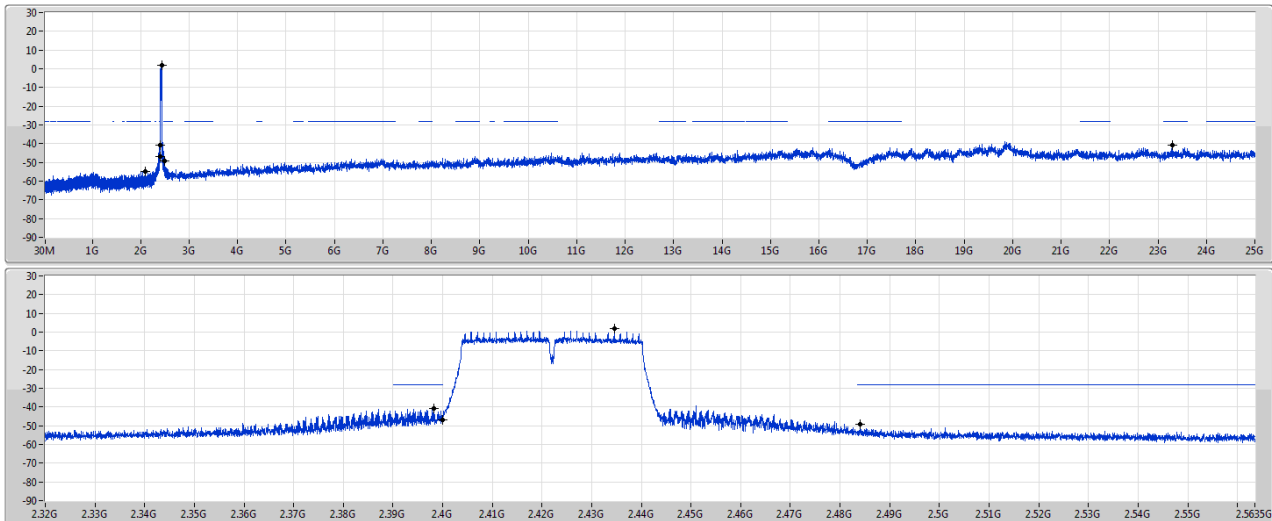
VHT40_Nss1,(MCS0)_1TX

2422MHz

CSE NdB

11/11/2019

Port 1 



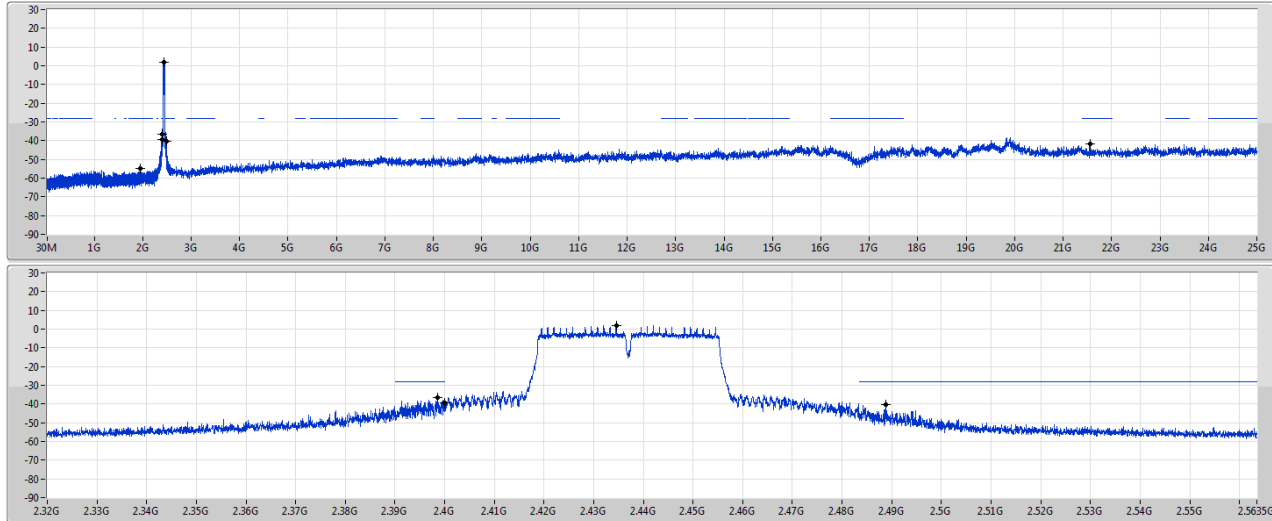
VHT40_Nss1,(MCS0)_1TX

2437MHz

CSE NdB

11/11/2019

Port 1 



RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43453G	1.84	-28.16	1.95732G	-55.02	2.39856G	-36.71	2.4G	-39.49	2.48878G	-40.38	2.55319G	-41.51	1

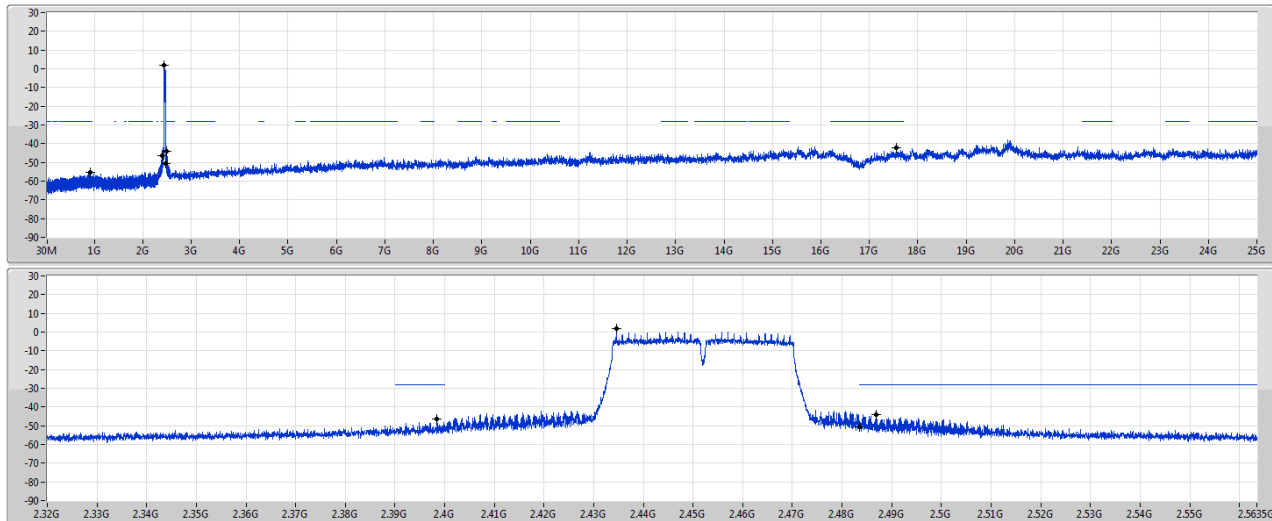
VHT40_Nss1,(MCS0)_1TX

2452MHz

CSE NdB

11/11/2019

Port 1 



RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43453G	1.84	-28.16	918.23M	-55.38	2.39844G	-46.22	2.4835G	-50.60	2.48678G	-44.12	2.55389G	-42.41	1

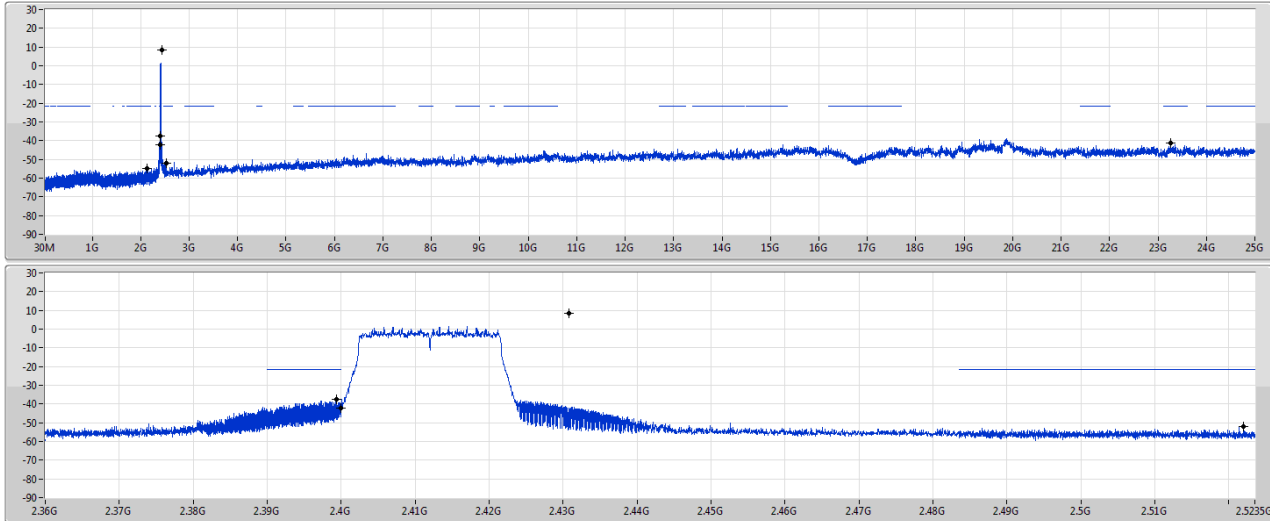
802.11ax HEW20_Nss1,(MCS0)_1TX

2412MHz

CSE NdB

11/11/2019

Port 1 



RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43077G	8.62	-21.38	2.12584G	-55.06	2.39938G	-37.52	2.4G	-42.02	2.522G	-52.21	23.26088G	-41.41	1

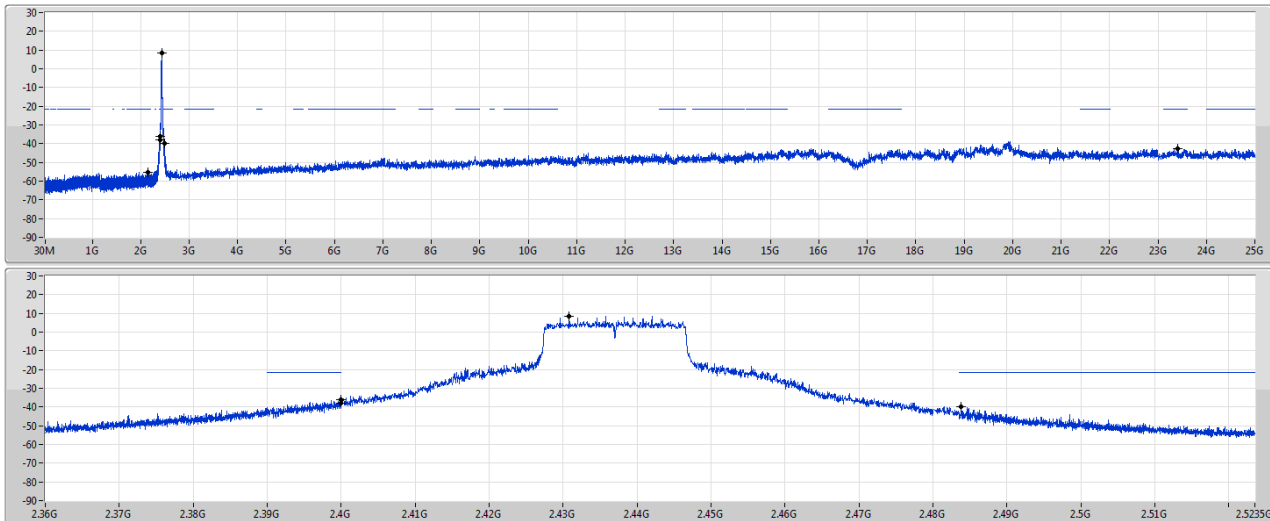
802.11ax HEW20_Nss1,(MCS0)_1TX

2437MHz

CSE NdB

11/11/2019

Port 1 



RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

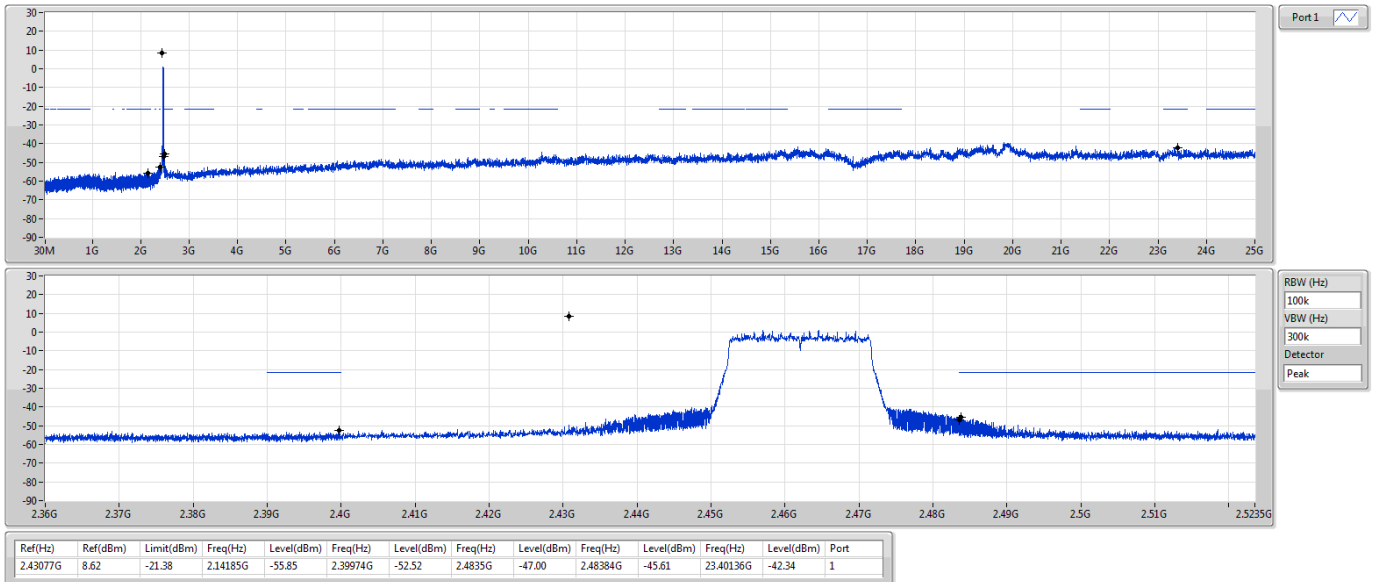
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43077G	8.62	-21.38	2.15438G	-55.15	2.39994G	-35.93	2.4G	-37.95	2.4838G	-39.61	23.40979G	-42.55	1

802.11ax HEW20_Nss1,(MCS0)_1TX

2462MHz

CSE NdB

11/11/2019

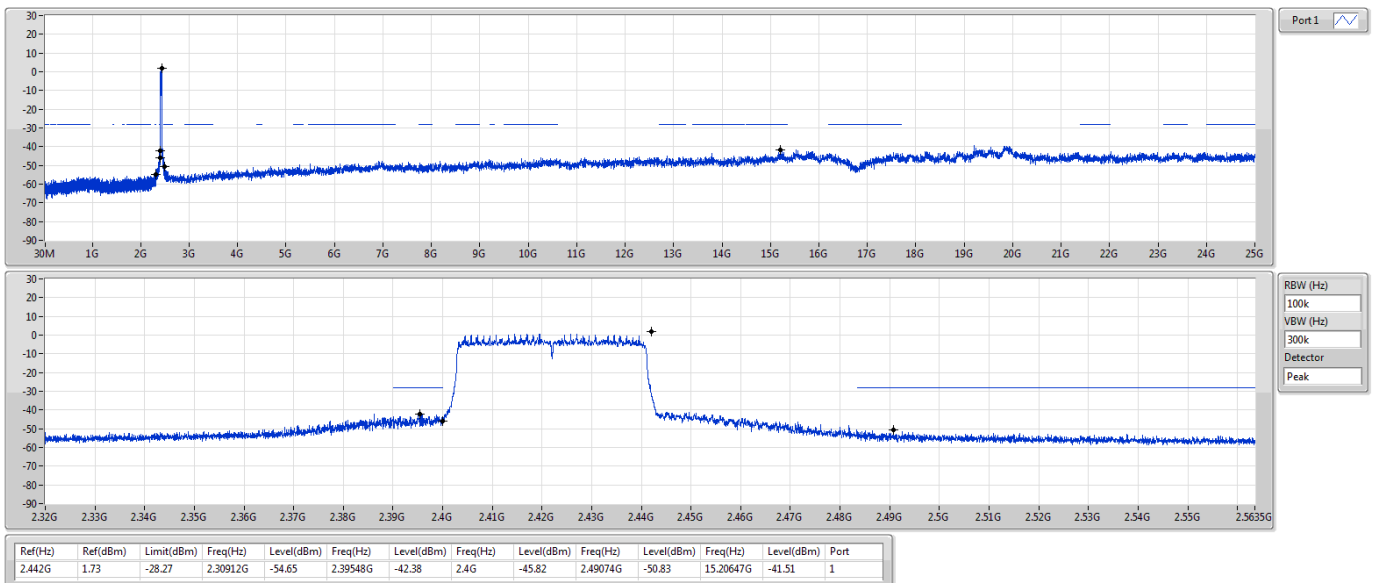


802.11ax HEW40_Nss1,(MCS0)_1TX

2422MHz

CSE NdB

11/11/2019



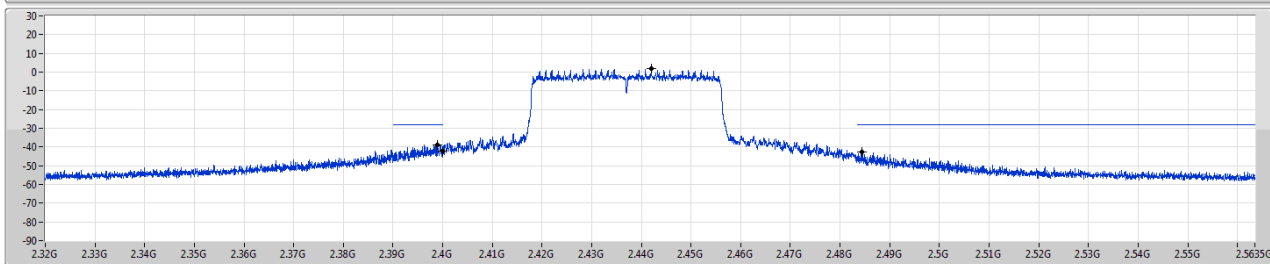
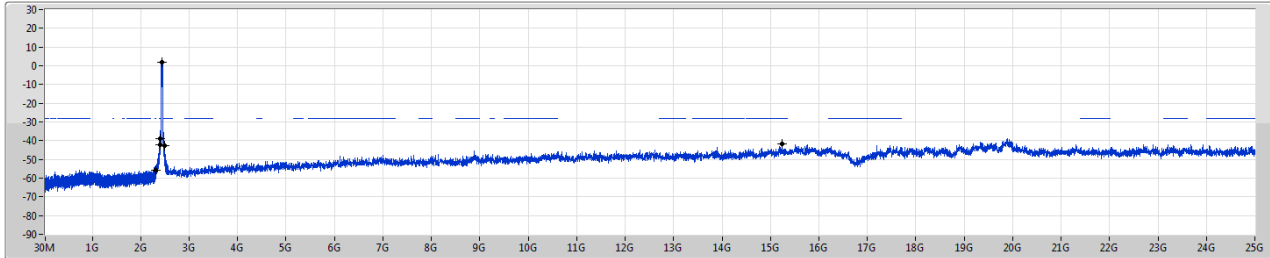
802.11ax HEW40_Nss1,(MCS0)_1TX

2437MHz

CSE NdB

11/11/2019

Port 1 



RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.442G	1.73	-28.27	2.30512G	-55.90	2.399G	-38.83	2.4G	-42.34	2.48438G	-42.65	15.23171G	-41.56	1

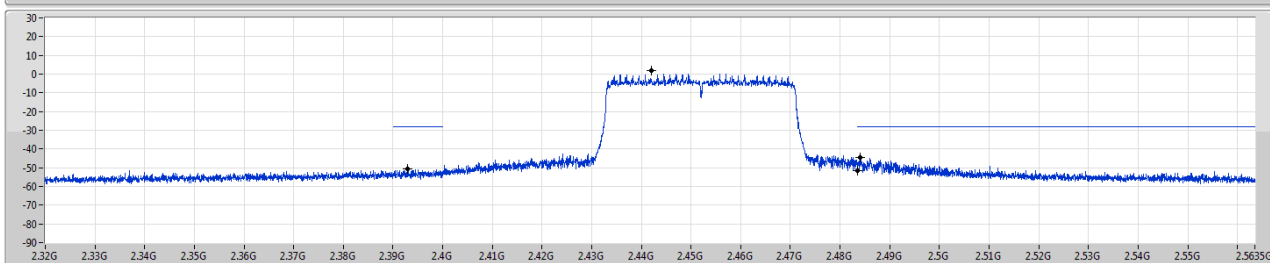
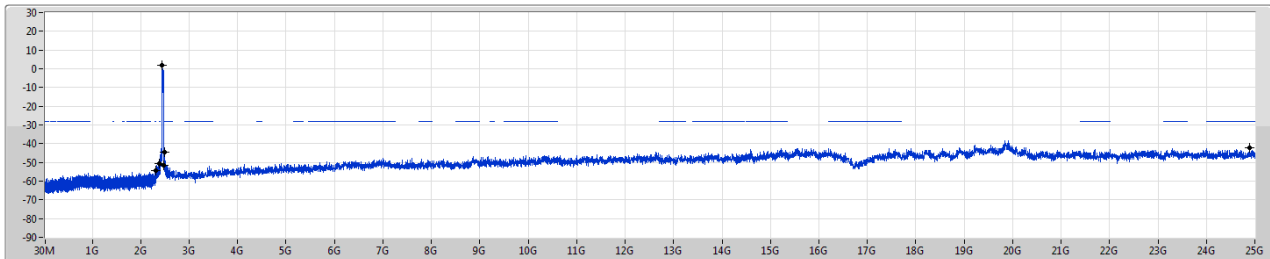
802.11ax HEW40_Nss1,(MCS0)_1TX

2452MHz

CSE NdB

11/11/2019

Port 1 



RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.442G	1.73	-28.27	2.3097G	-54.53	2.393G	-50.71	2.4835G	-51.65	2.4841G	-44.67	24.89343G	-42.07	1



**CSE(Non-restricted Band) _Non-Beamforming_ Sample
2_Radio 1_Panel 1_2T2S**

Appendix E.6

Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.41303G	9.93	-20.07	2.30554G	-54.16	2.39854G	-45.14	2.4G	-48.83	2.51332G	-50.63	23.32831G	-41.70	1
802.11g_Nss1,(6Mbps)_2TX	Pass	2.43077G	7.93	-22.07	1.95866G	-53.71	2.39922G	-37.65	2.4G	-42.60	2.49002G	-51.92	24.21894G	-42.05	2
VHT20_Nss2,(MCS0)_2TX	Pass	2.43202G	6.85	-23.15	2.30991G	-53.75	2.39898G	-30.87	2.4G	-37.92	2.51676G	-52.03	24.99719G	-42.14	2
VHT40_Nss2,(MCS0)_2TX	Pass	2.43202G	0.52	-29.48	2.3034G	-54.41	2.39956G	-38.62	2.4G	-45.59	2.48674G	-47.76	23.30044G	-41.61	2
802.11ax HEW20_Nss2,(MCS0)_2TX	Pass	2.43202G	6.90	-23.10	2.30787G	-54.31	2.39912G	-35.18	2.4G	-39.02	2.50864G	-51.95	15.24801G	-40.74	2
802.11ax HEW40_Nss2,(MCS0)_2TX	Pass	2.43202G	0.47	-29.53	2.30197G	-54.46	2.39928G	-35.75	2.4G	-38.62	2.48378G	-42.50	14.94003G	-41.84	2

Result

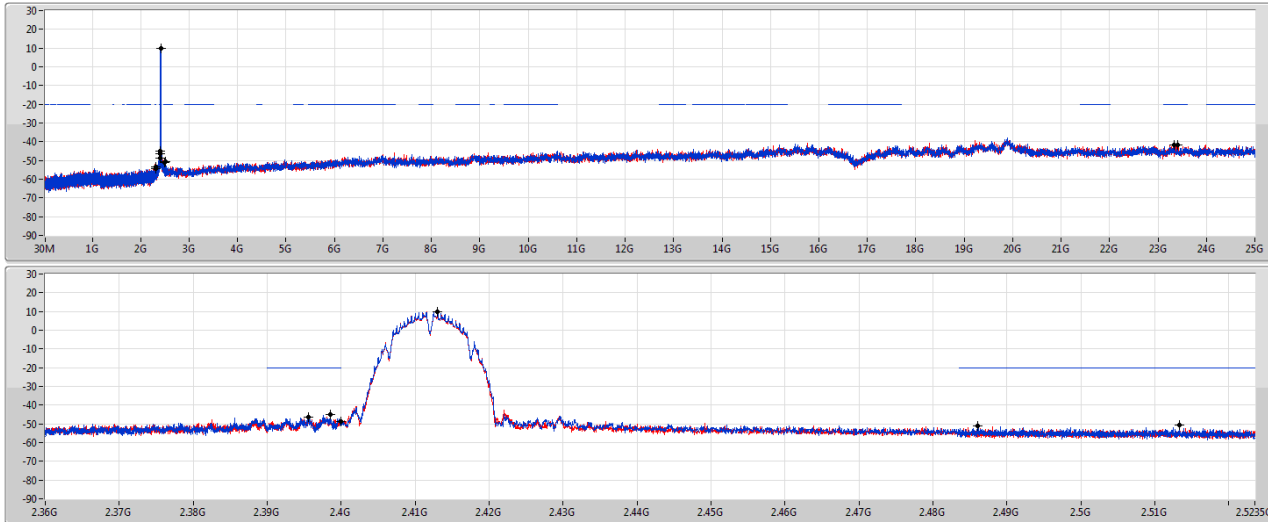
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41303G	9.93	-20.07	2.30554G	-54.16	2.39854G	-45.14	2.4G	-48.83	2.51332G	-50.63	23.32831G	-41.70	1
2412MHz	Pass	2.41303G	9.93	-20.07	2.30554G	-53.64	2.39556G	-46.32	2.4G	-48.89	2.48602G	-51.25	23.39855G	-41.62	2
2437MHz	Pass	2.41303G	9.93	-20.07	2.30845G	-54.30	2.39654G	-49.44	2.4G	-53.32	2.48356G	-50.63	23.37326G	-42.08	1
2437MHz	Pass	2.41303G	9.93	-20.07	1.97526G	-54.87	2.39438G	-51.41	2.4G	-53.37	2.49418G	-51.09	24.98033G	-41.89	2
2462MHz	Pass	2.41303G	9.93	-20.07	2.19923G	-54.18	2.39314G	-51.04	2.4835G	-52.72	2.48762G	-48.59	17.61366G	-41.47	1
2462MHz	Pass	2.41303G	9.93	-20.07	2.30233G	-54.53	2.39698G	-51.69	2.4835G	-50.99	2.4885G	-47.06	23.22436G	-42.20	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43077G	7.93	-22.07	2.3067G	-53.47	2.39976G	-38.55	2.4G	-38.46	2.50424G	-52.16	24.38752G	-41.37	1
2412MHz	Pass	2.43077G	7.93	-22.07	1.95866G	-53.71	2.39922G	-37.65	2.4G	-42.60	2.49002G	-51.92	24.21894G	-42.05	2
2437MHz	Pass	2.43077G	7.93	-22.07	2.11885G	-55.15	2.39864G	-37.84	2.4G	-42.14	2.48464G	-45.69	23.58398G	-41.32	1
2437MHz	Pass	2.43077G	7.93	-22.07	2.30175G	-53.52	2.39734G	-39.50	2.4G	-44.98	2.48478G	-43.52	23.3255G	-41.23	2
2462MHz	Pass	2.43077G	7.93	-22.07	1.8442G	-55.50	2.39688G	-51.91	2.4835G	-46.25	2.4838G	-44.65	23.43226G	-41.96	1
2462MHz	Pass	2.43077G	7.93	-22.07	2.30117G	-55.42	2.39402G	-50.63	2.4835G	-50.85	2.4836G	-43.28	15.16372G	-41.94	2
VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43202G	6.85	-23.15	2.10166G	-55.24	2.39976G	-37.61	2.4G	-40.77	2.48594G	-52.07	15.20867G	-41.67	1
2412MHz	Pass	2.43202G	6.85	-23.15	2.30991G	-53.75	2.39898G	-30.87	2.4G	-37.92	2.51676G	-52.03	24.99719G	-42.14	2
2437MHz	Pass	2.43202G	6.85	-23.15	1.88701G	-55.20	2.39982G	-42.67	2.4G	-46.06	2.48672G	-47.32	16.29036G	-41.09	1
2437MHz	Pass	2.43202G	6.85	-23.15	1.97351G	-54.34	2.39956G	-40.18	2.4G	-45.95	2.48358G	-45.67	16.21169G	-41.77	2
2462MHz	Pass	2.43202G	6.85	-23.15	2.3035G	-54.87	2.39248G	-52.09	2.4835G	-49.83	2.48388G	-46.23	23.54465G	-41.62	1
2462MHz	Pass	2.43202G	6.85	-23.15	731.62M	-55.57	2.39084G	-52.04	2.4835G	-45.99	2.48454G	-41.21	23.33674G	-41.80	2
VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43202G	0.52	-29.48	2.30283G	-54.50	2.3986G	-43.64	2.4G	-45.33	2.49082G	-51.32	15.25134G	-42.09	1
2422MHz	Pass	2.43202G	0.52	-29.48	1.79616G	-54.49	2.39704G	-41.81	2.4G	-44.07	2.49198G	-50.96	24.96354G	-41.83	2
2437MHz	Pass	2.43202G	0.52	-29.48	817.47M	-54.64	2.39952G	-41.72	2.4G	-48.61	2.48834G	-48.49	15.25695G	-41.89	1
2437MHz	Pass	2.43202G	0.52	-29.48	2.3034G	-54.41	2.39956G	-38.62	2.4G	-45.59	2.48674G	-47.76	23.30044G	-41.61	2
2452MHz	Pass	2.43202G	0.52	-29.48	2.1889G	-55.16	2.39624G	-51.13	2.4835G	-50.73	2.4857G	-46.28	24.62419G	-41.44	1
2452MHz	Pass	2.43202G	0.52	-29.48	2.02803G	-54.83	2.39924G	-48.12	2.4835G	-49.37	2.4845G	-42.16	23.56967G	-42.07	2
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43202G	6.90	-23.10	2.3G	-52.77	2.39908G	-37.64	2.4G	-37.24	2.48764G	-51.87	24.53361G	-41.96	1
2412MHz	Pass	2.43202G	6.90	-23.10	2.30787G	-54.31	2.39912G	-35.18	2.4G	-39.02	2.50864G	-51.95	15.24801G	-40.74	2
2437MHz	Pass	2.43202G	6.90	-23.10	1.98108G	-55.02	2.39884G	-40.39	2.4G	-45.17	2.48598G	-46.62	14.9811G	-41.53	1
2437MHz	Pass	2.43202G	6.90	-23.10	2.30758G	-54.17	2.39842G	-41.34	2.4835G	-42.79	2.484G	-44.37	24.88762G	-41.55	2
2462MHz	Pass	2.43202G	6.90	-23.10	853.07M	-55.13	2.3964G	-52.11	2.4835G	-46.39	2.48414G	-42.66	23.36483G	-41.97	1
2462MHz	Pass	2.43202G	6.90	-23.10	1.99157G	-54.70	2.3976G	-51.78	2.4835G	-43.88	2.48374G	-42.55	23.32831G	-41.03	2
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43202G	0.47	-29.53	2.10989G	-54.64	2.39804G	-41.46	2.4G	-45.25	2.49778G	-50.10	15.21488G	-41.16	1
2422MHz	Pass	2.43202G	0.47	-29.53	2.14854G	-52.71	2.39308G	-39.92	2.4G	-41.48	2.4835G	-50.66	23.43225G	-41.87	2
2437MHz	Pass	2.43202G	0.47	-29.53	2.30426G	-54.10	2.39932G	-37.73	2.4G	-40.51	2.48574G	-41.58	16.21891G	-41.70	1
2437MHz	Pass	2.43202G	0.47	-29.53	2.30197G	-54.46	2.39928G	-35.75	2.4G	-38.62	2.48378G	-42.50	14.94003G	-41.84	2
2452MHz	Pass	2.43202G	0.47	-29.53	1.91553G	-54.10	2.39256G	-46.30	2.4835G	-42.63	2.48474G	-42.54	15.20366G	-41.75	1
2452MHz	Pass	2.43202G	0.47	-29.53	2.30054G	-54.24	2.3958G	-48.10	2.4835G	-46.89	2.48702G	-42.22	24.77844G	-41.82	2

802.11b_Nss1,(1Mbps)_2TX

2412MHz

CSE NdB

13/11/2019



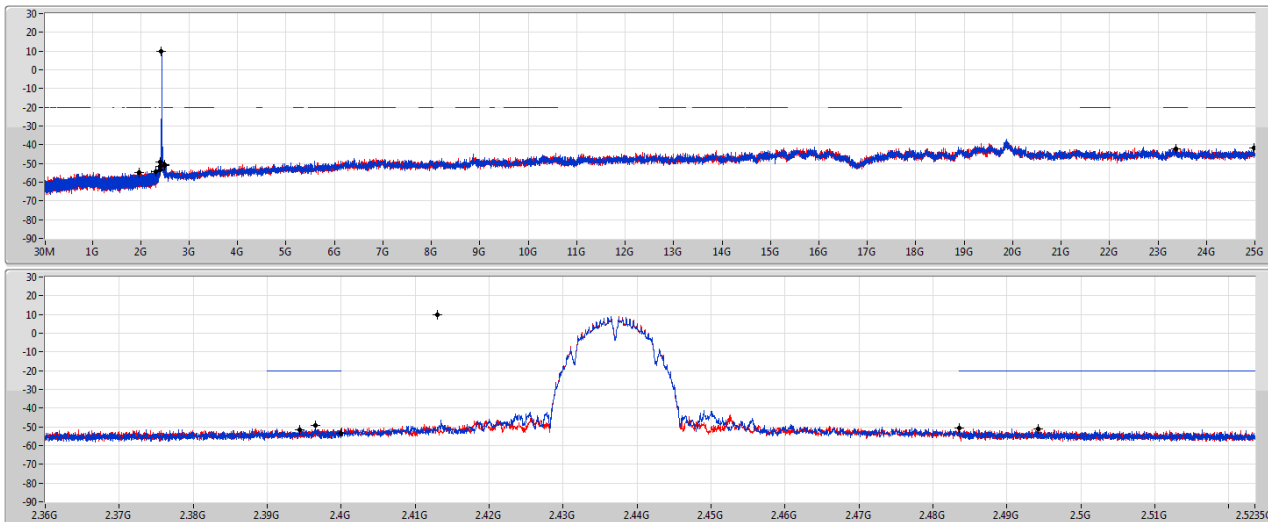
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2.41303G	9.93	-20.07	2.30554G	-54.16	2.39854G	-45.14	2.4G	-48.83	2.51332G	-50.63	23.32831G	-41.70	1
2.41303G	9.93	-20.07	2.30554G	-53.64	2.39556G	-46.32	2.4G	-48.89	2.48602G	-51.25	23.39855G	-41.62	2

802.11b_Nss1,(1Mbps)_2TX

2437MHz

CSE NdB

13/11/2019

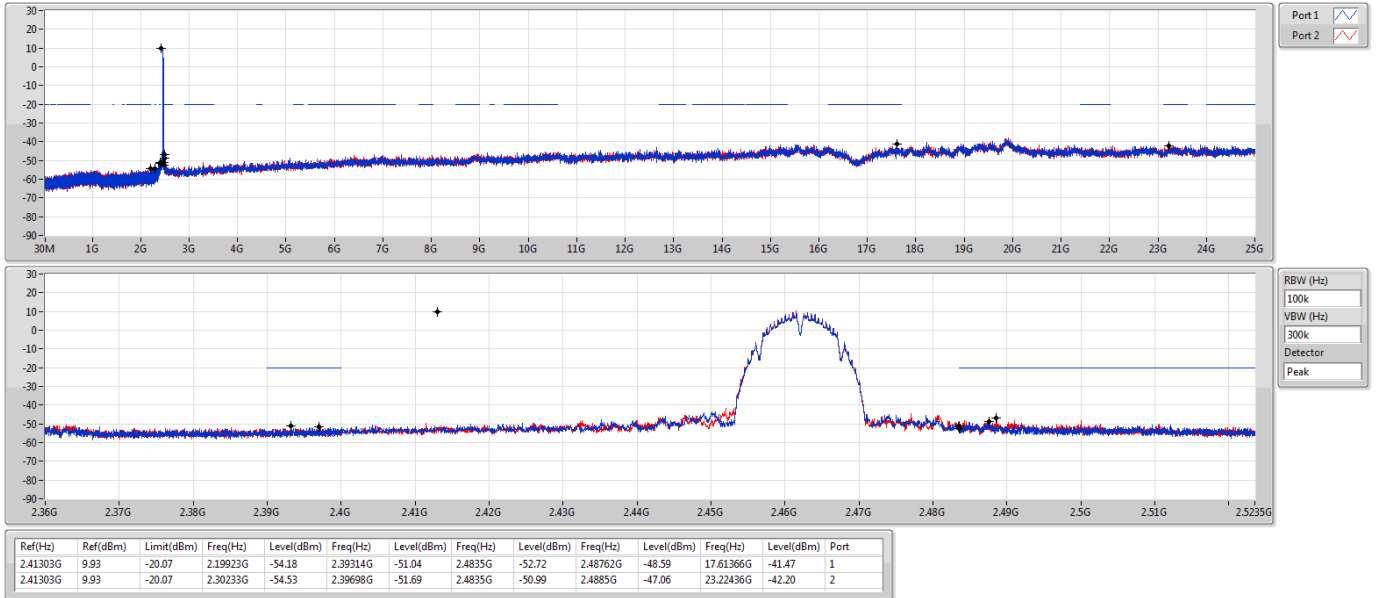


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2.41303G	9.93	-20.07	2.30845G	-54.30	2.39654G	-49.44	2.4G	-53.32	2.48356G	-50.63	23.37326G	-42.08	1
2.41303G	9.93	-20.07	1.97526G	-54.87	2.39438G	-51.41	2.4G	-53.37	2.49418G	-51.09	24.98033G	-41.89	2

802.11b_Nss1,(1Mbps)_2TX

2462MHz

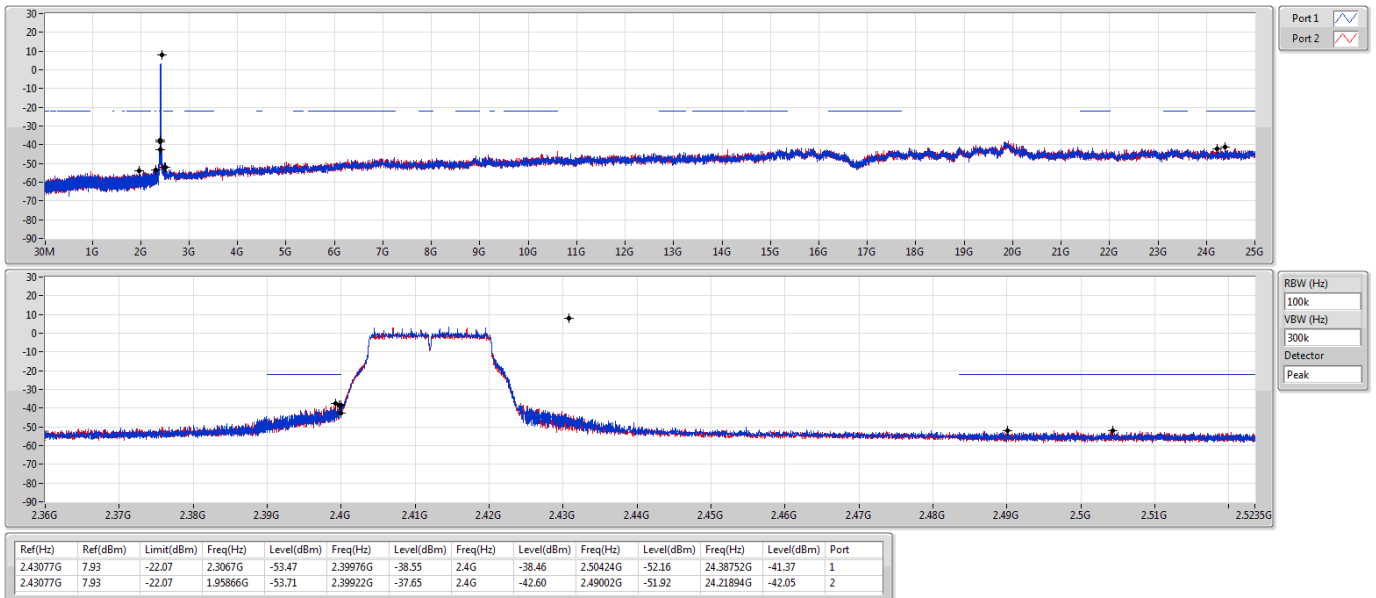
CSE NdB



802.11g_Nss1,(6Mbps)_2TX

2412MHz

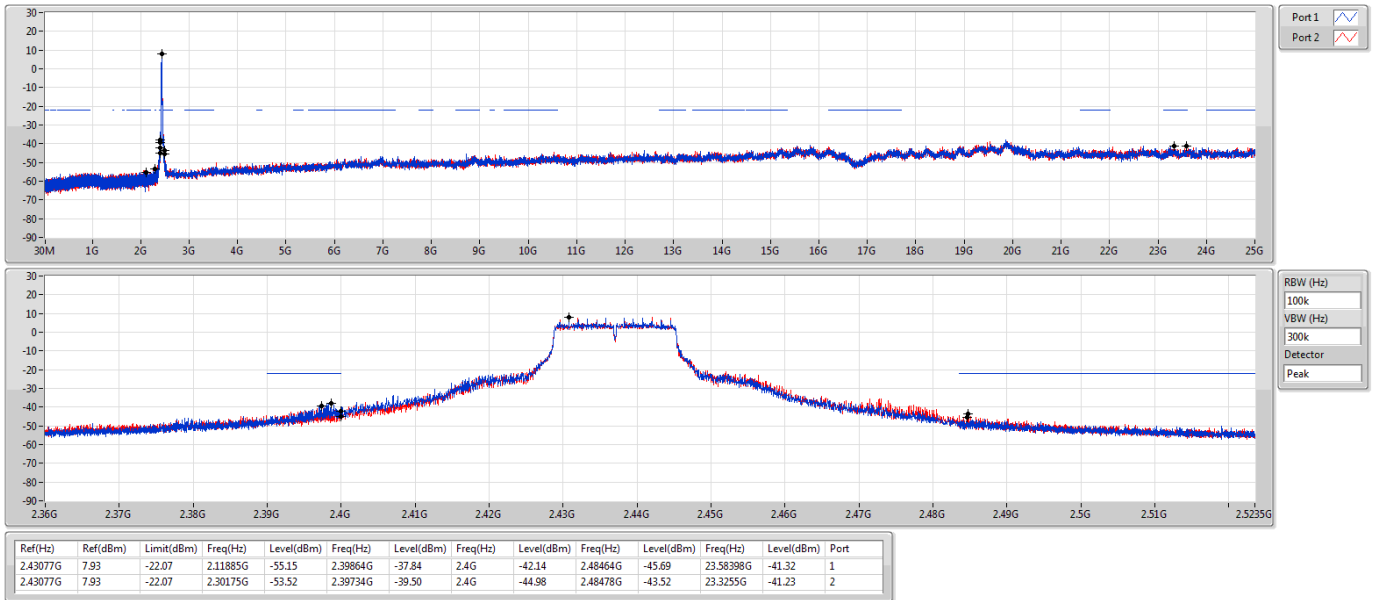
CSE NdB



802.11g_Nss1,(6Mbps)_2TX

2437MHz

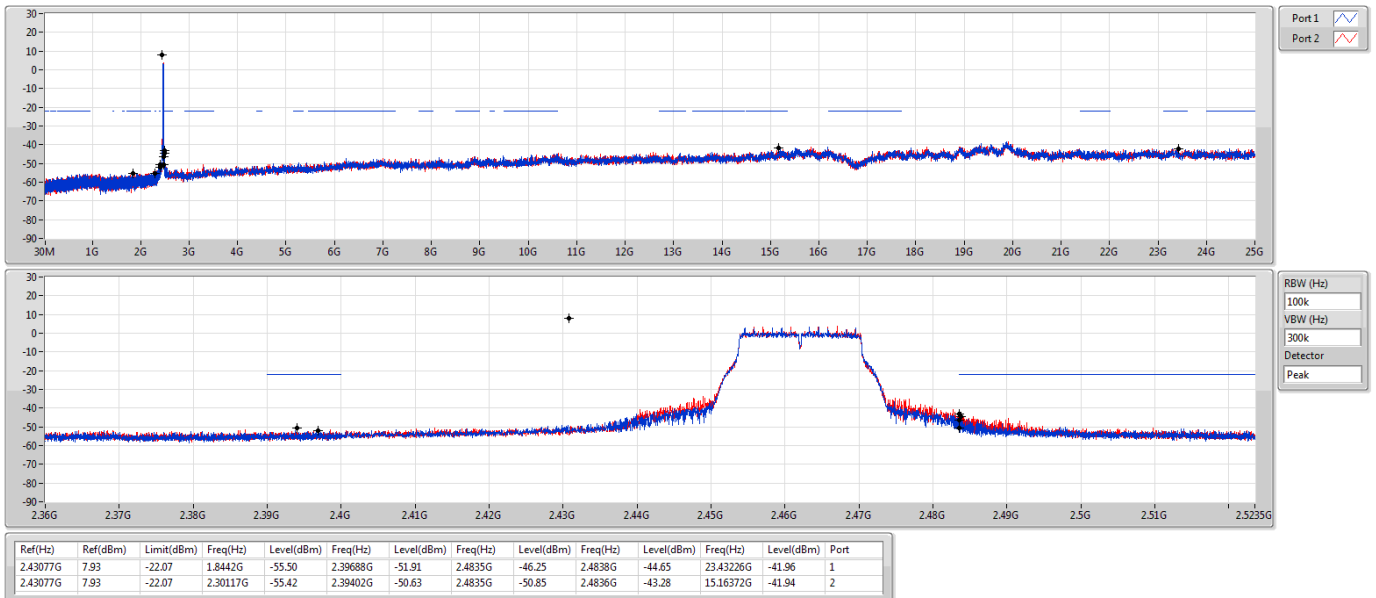
CSE NdB



802.11g_Nss1,(6Mbps)_2TX

2462MHz

CSE NdB

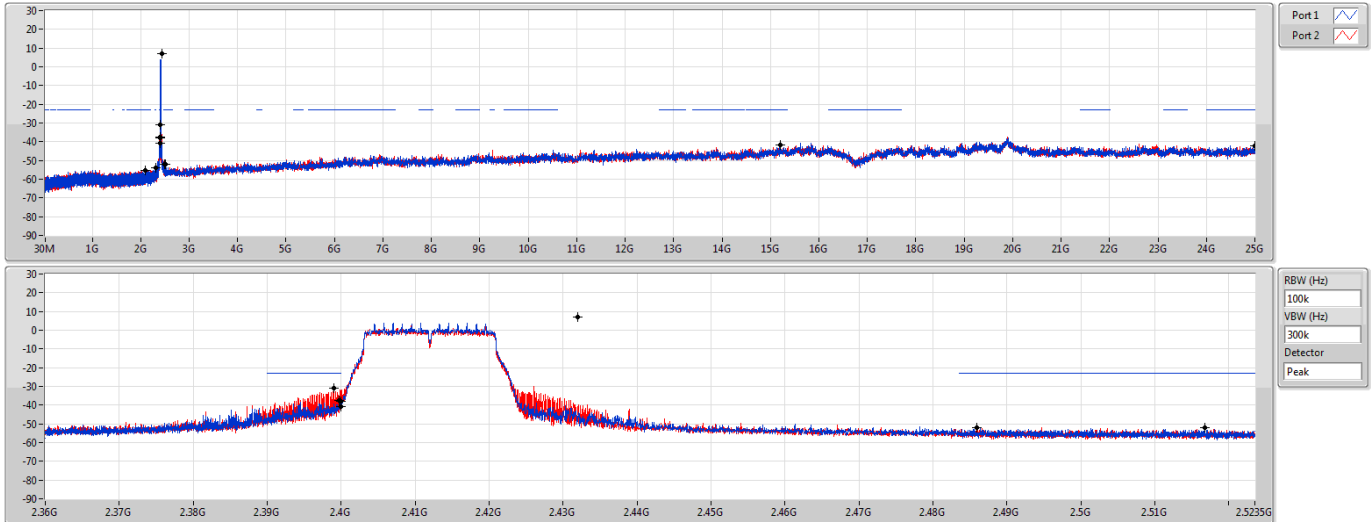


VHT20_Nss2,(MCS0)_2TX

2412MHz

CSE NdB

13/11/2019



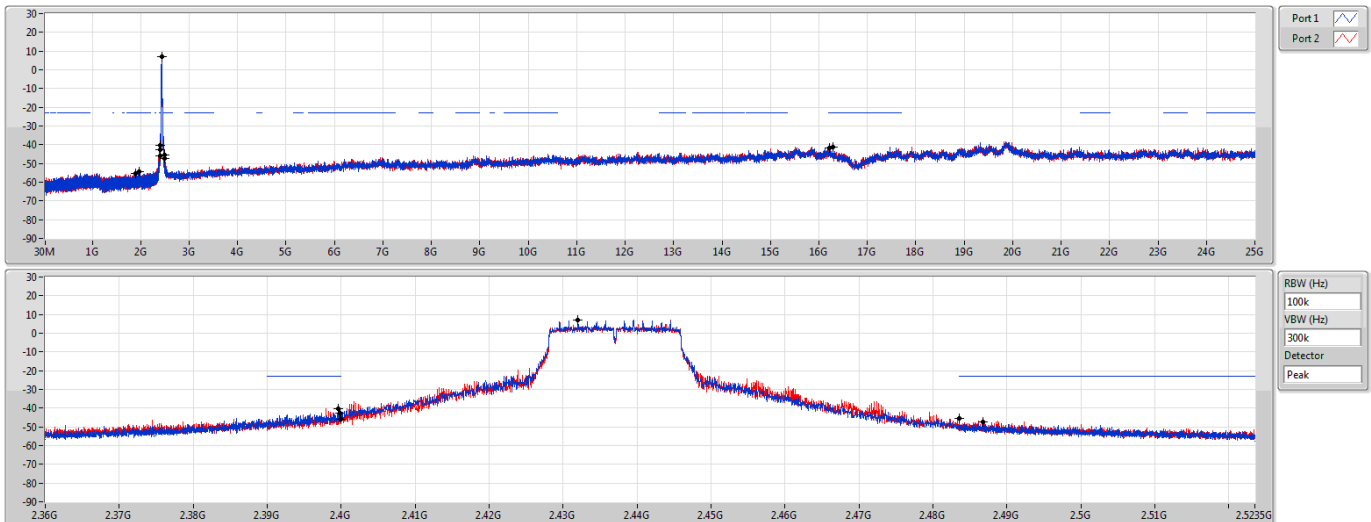
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2.43202G	6.85	-23.15	2.10166G	-55.24	2.39976G	-37.61	2.4G	-40.77	2.48594G	-52.07	15.20867G	-41.67	1
2.43202G	6.85	-23.15	2.30991G	-53.75	2.39898G	-30.87	2.4G	-37.92	2.51676G	-52.03	24.99719G	-42.14	2

VHT20_Nss2,(MCS0)_2TX

2437MHz

CSE NdB

13/11/2019



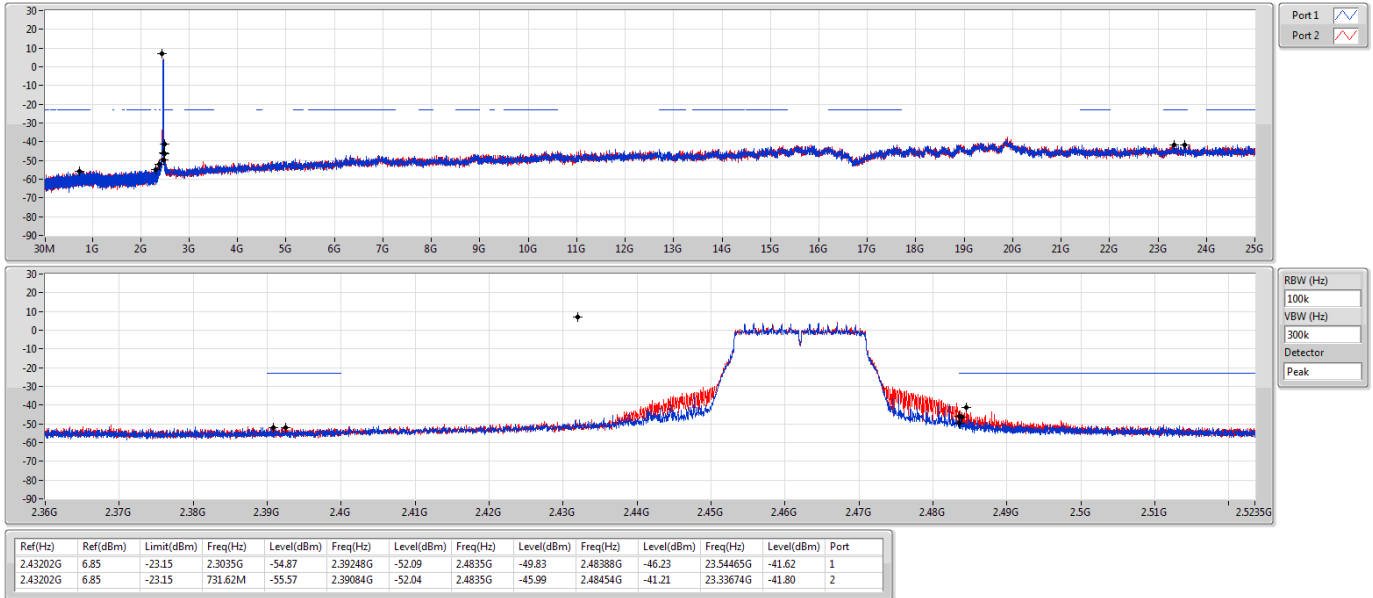
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2.43202G	6.85	-23.15	1.88701G	-55.20	2.39982G	-42.67	2.4G	-46.06	2.48672G	-47.32	16.29036G	-41.09	1
2.43202G	6.85	-23.15	1.97351G	-54.34	2.39956G	-40.18	2.4G	-45.95	2.48358G	-45.67	16.21169G	-41.77	2

VHT20_Nss2,(MCS0)_2TX

2462MHz

CSE NdB

13/11/2019

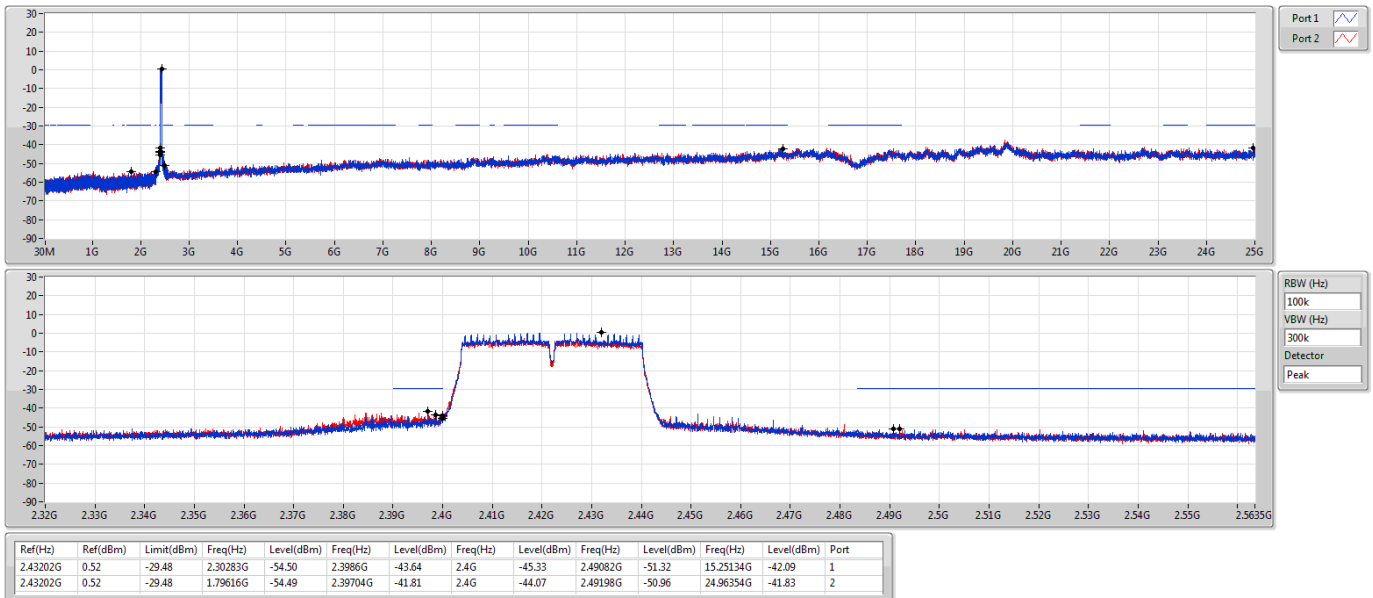


VHT40_Nss2,(MCS0)_2TX

2422MHz

CSE NdB

13/11/2019

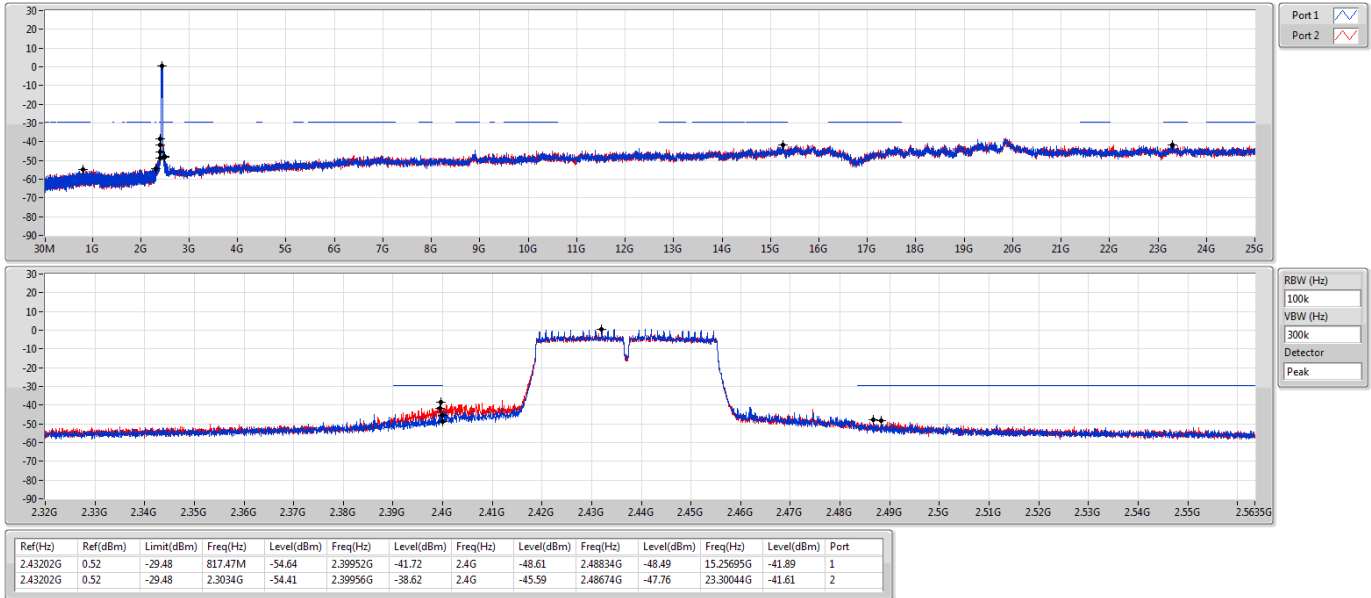


VHT40_Nss2,(MCS0)_2TX

2437MHz

CSE NdB

13/11/2019

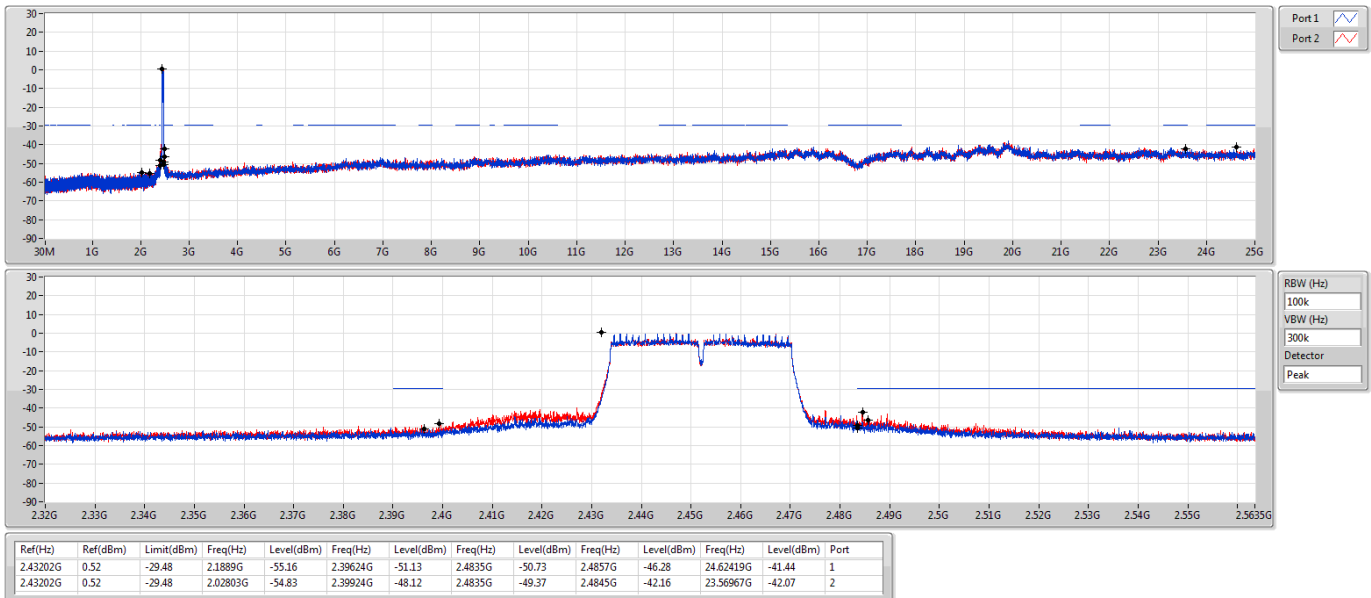


VHT40_Nss2,(MCS0)_2TX

2452MHz

CSE NdB

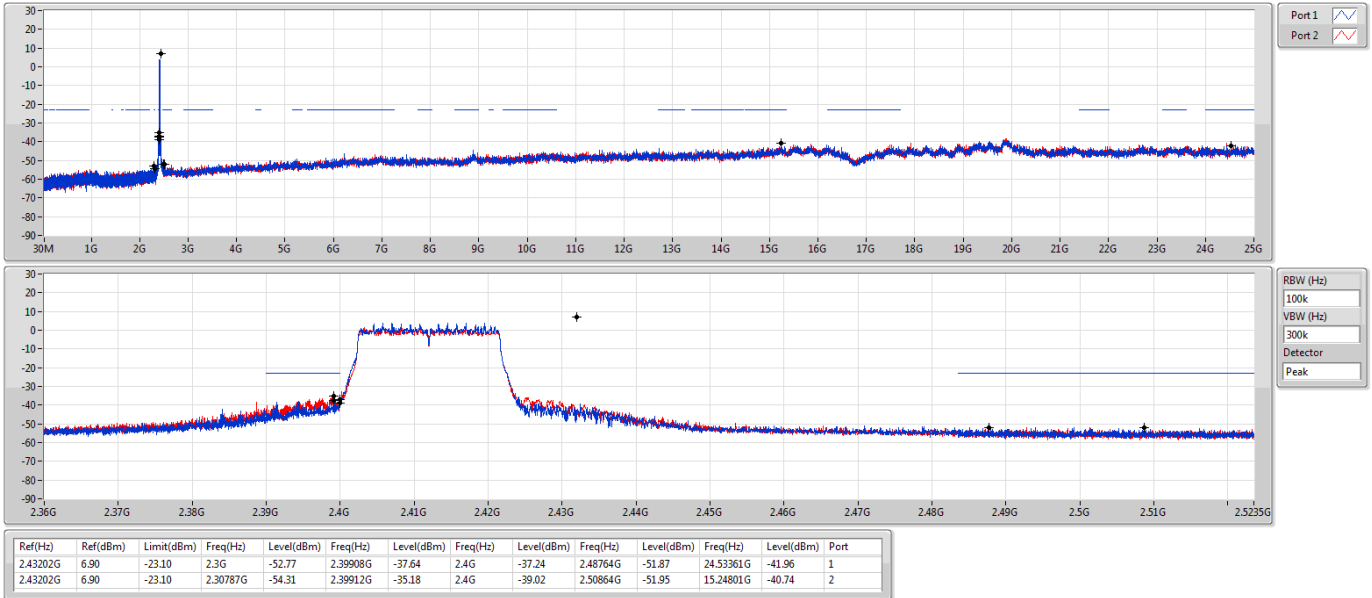
13/11/2019



802.11ax HEW20_Nss2,(MCS0)_2TX

2412MHz

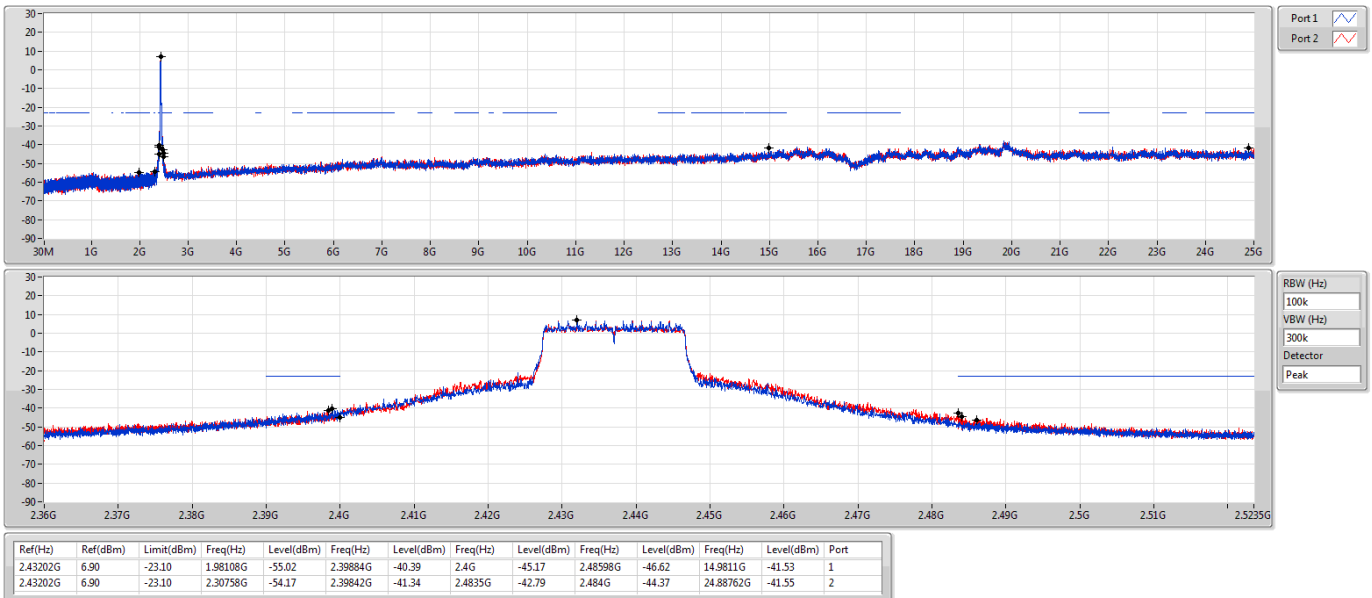
CSE NdB



802.11ax HEW20_Nss2,(MCS0)_2TX

2437MHz

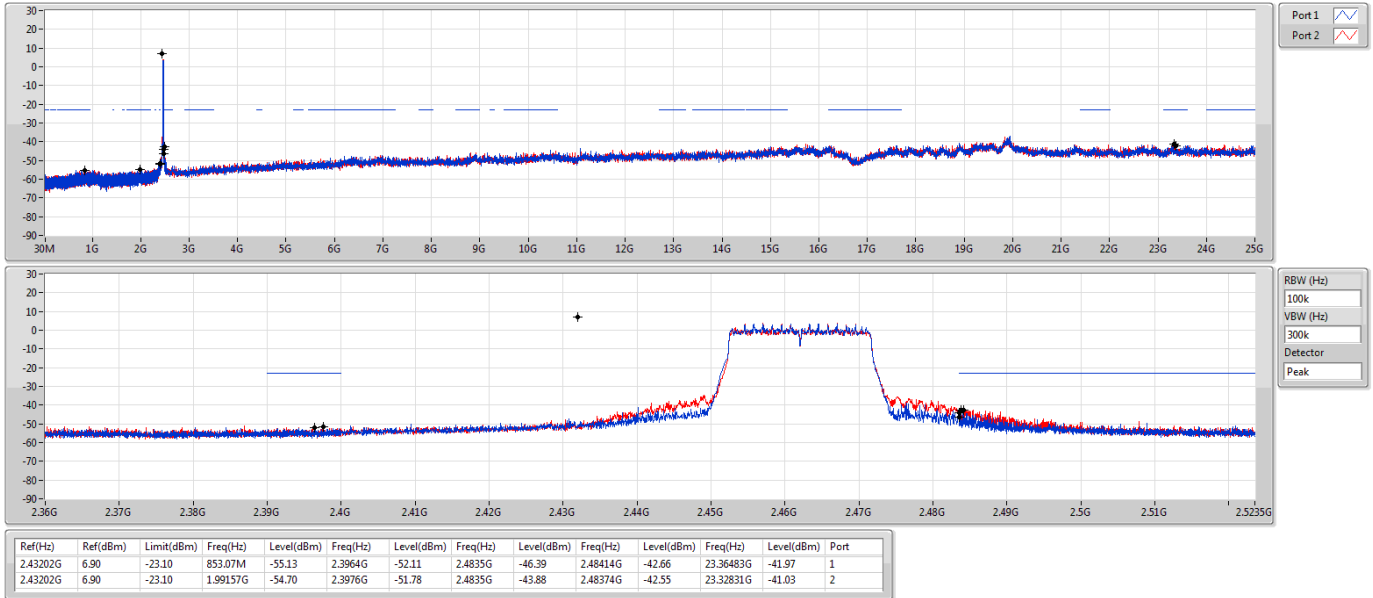
CSE NdB



802.11ax HEW20_Nss2,(MCS0)_2TX

2462MHz

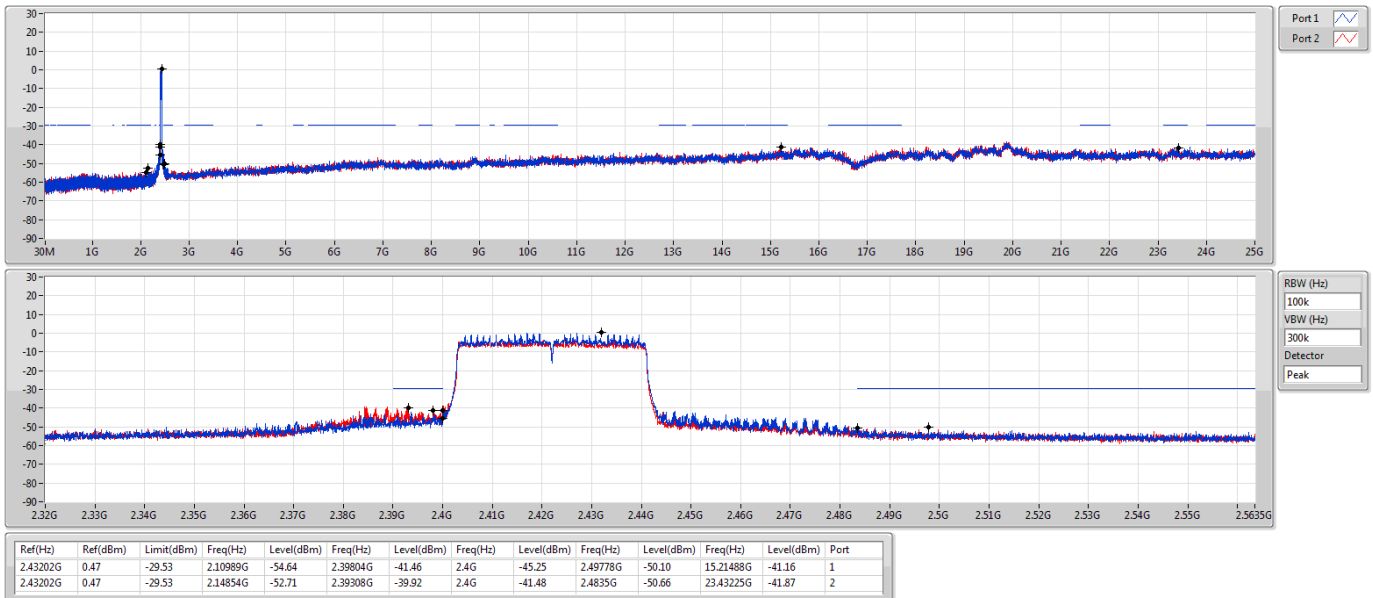
CSE NdB



802.11ax HEW40_Nss2,(MCS0)_2TX

2422MHz

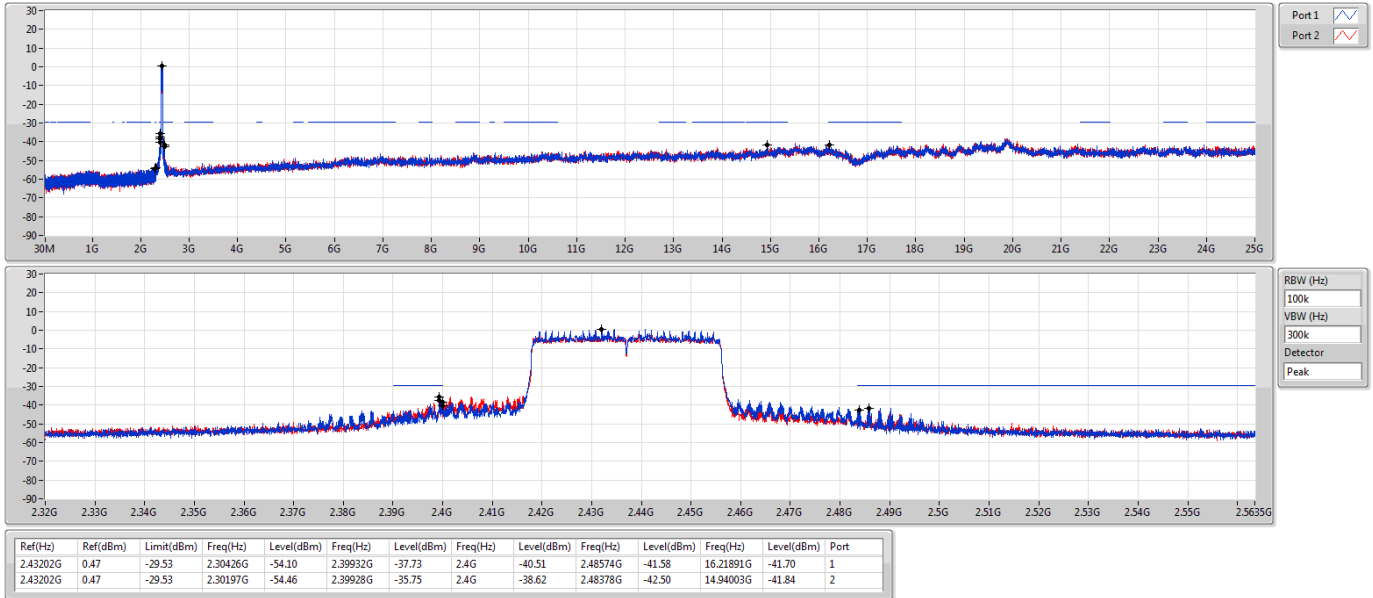
CSE NdB



802.11ax HEW40_Nss2,(MCS0)_2TX

2437MHz

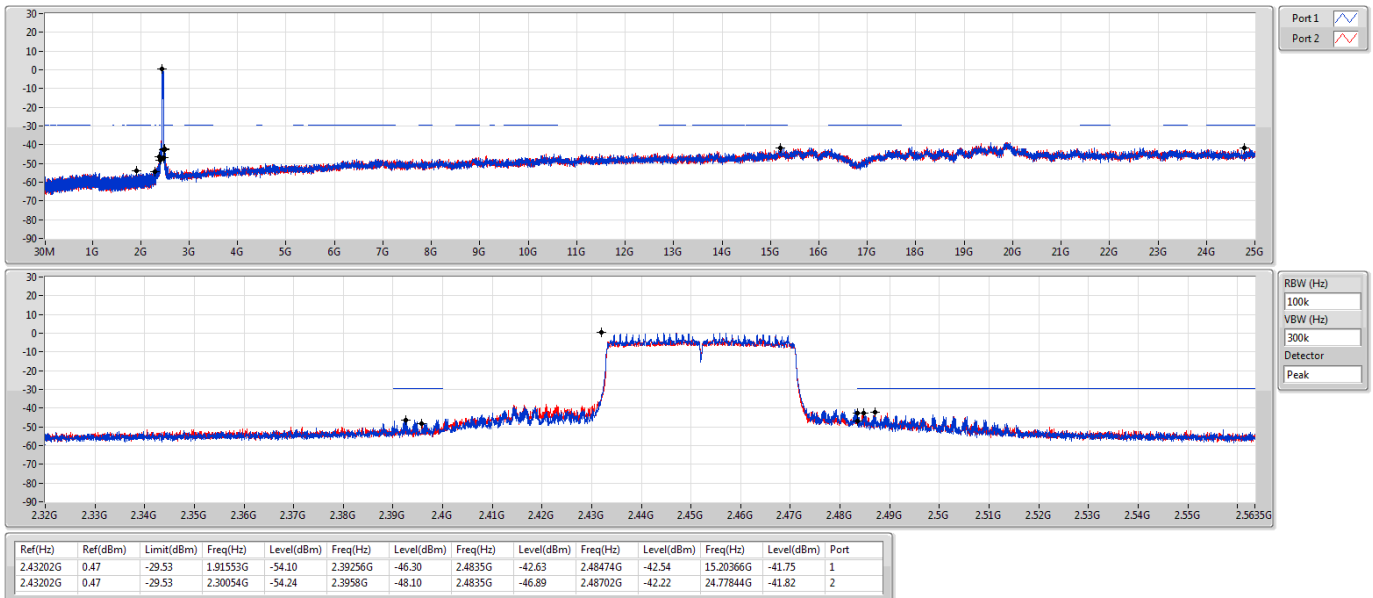
CSE NdB



802.11ax HEW40_Nss2,(MCS0)_2TX

2452MHz

CSE NdB





**CSE(Non-restricted Band) _Non-Beamforming_ Sample
2_Radio 1_Panel 2_1T1S**

Appendix E.7

Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	2.41298G	12.97	-17.03	2.17418G	-53.25	2.4G	-33.64	2.4G	-34.82	2.48502G	-49.40	24.07284G	-38.10	1
802.11g_Nss1,(6Mbps)_1TX	Pass	2.44451G	8.41	-21.59	2.14855G	-53.79	2.3986G	-33.20	2.4G	-38.59	2.518G	-51.76	24.53361G	-36.84	1
VHT20_Nss1,(MCS0)_1TX	Pass	2.43073G	7.95	-22.05	2.17214G	-53.95	2.39736G	-40.19	2.4G	-41.63	2.48416G	-45.42	24.50552G	-36.80	1
VHT40_Nss1,(MCS0)_1TX	Pass	2.442G	1.78	-28.22	2.14539G	-53.35	2.3996G	-38.63	2.4G	-43.39	2.48418G	-42.64	24.41665G	-37.63	1
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	2.43077G	7.70	-22.30	2.13312G	-53.94	2.39938G	-37.61	2.4G	-43.04	2.51146G	-51.72	24.17961G	-37.43	1
802.11ax HEW40_Nss1,(MCS0)_1TX	Pass	2.43198G	1.98	-28.02	1.98251G	-53.15	2.39636G	-40.24	2.4G	-45.35	2.48446G	-43.44	24.06328G	-37.89	1

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.41298G	12.97	-17.03	2.17418G	-53.25	2.4G	-33.64	2.4G	-34.82	2.48502G	-49.40	24.07284G	-38.10	1
2437MHz_TnomVnom	Pass	2.41298G	12.97	-17.03	2.17331G	-52.36	2.394G	-46.73	2.4G	-49.56	2.48568G	-47.62	24.42685G	-37.92	1
2462MHz_TnomVnom	Pass	2.41298G	12.97	-17.03	2.30233G	-52.89	2.39712G	-49.61	2.4835G	-49.82	2.48598G	-44.91	24.11218G	-38.14	1
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.44451G	8.41	-21.59	2.14855G	-53.79	2.3986G	-33.20	2.4G	-38.59	2.518G	-51.76	24.53361G	-36.84	1
2437MHz_TnomVnom	Pass	2.44451G	8.41	-21.59	2.19952G	-52.71	2.39988G	-37.04	2.4G	-42.07	2.4839G	-44.33	24.74152G	-37.31	1
2462MHz_TnomVnom	Pass	2.44451G	8.41	-21.59	1.92283G	-53.53	2.39952G	-51.35	2.4835G	-44.95	2.48386G	-43.64	23.46879G	-36.52	1
VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.43073G	7.95	-22.05	2.30699G	-52.85	2.39998G	-41.65	2.4G	-42.11	2.5009G	-51.52	24.39313G	-38.53	1
2437MHz_TnomVnom	Pass	2.43073G	7.95	-22.05	2.17214G	-53.95	2.39736G	-40.19	2.4G	-41.63	2.48416G	-45.42	24.50552G	-36.80	1
2462MHz_TnomVnom	Pass	2.43073G	7.95	-22.05	2.13778G	-54.38	2.3996G	-51.32	2.4835G	-52.69	2.48624G	-50.55	24.26109G	-38.35	1
VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	2.442G	1.78	-28.22	2.30569G	-53.40	2.39544G	-40.51	2.4G	-45.15	2.48522G	-50.52	24.40263G	-37.82	1
2437MHz_TnomVnom	Pass	2.442G	1.78	-28.22	2.14539G	-53.35	2.3996G	-38.63	2.4G	-43.39	2.48418G	-42.64	24.41665G	-37.63	1
2452MHz_TnomVnom	Pass	2.442G	1.78	-28.22	2.3034G	-53.37	2.3982G	-50.15	2.4835G	-49.71	2.48442G	-46.10	23.19106G	-38.20	1
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.43077G	7.70	-22.30	2.13312G	-53.94	2.39938G	-37.61	2.4G	-43.04	2.51146G	-51.72	24.17961G	-37.43	1
2437MHz_TnomVnom	Pass	2.43077G	7.70	-22.30	2.17797G	-54.08	2.39988G	-37.77	2.4G	-41.37	2.48456G	-41.95	24.71062G	-38.33	1
2462MHz_TnomVnom	Pass	2.43077G	7.70	-22.30	2.30466G	-53.52	2.39452G	-51.89	2.4835G	-45.84	2.48352G	-45.15	24.1487G	-38.04	1
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	2.43198G	1.98	-28.02	2.30597G	-53.70	2.3956G	-41.06	2.4G	-45.53	2.4841G	-49.35	24.09974G	-37.89	1
2437MHz_TnomVnom	Pass	2.43198G	1.98	-28.02	1.98251G	-53.15	2.39636G	-40.24	2.4G	-45.35	2.48446G	-43.44	24.06328G	-37.89	1
2452MHz_TnomVnom	Pass	2.43198G	1.98	-28.02	2.30426G	-53.39	2.3946G	-49.77	2.4835G	-50.51	2.4843G	-47.10	24.48396G	-38.08	1

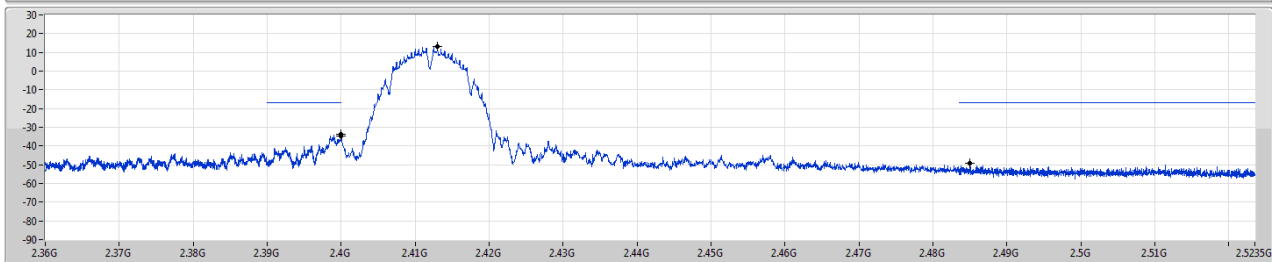
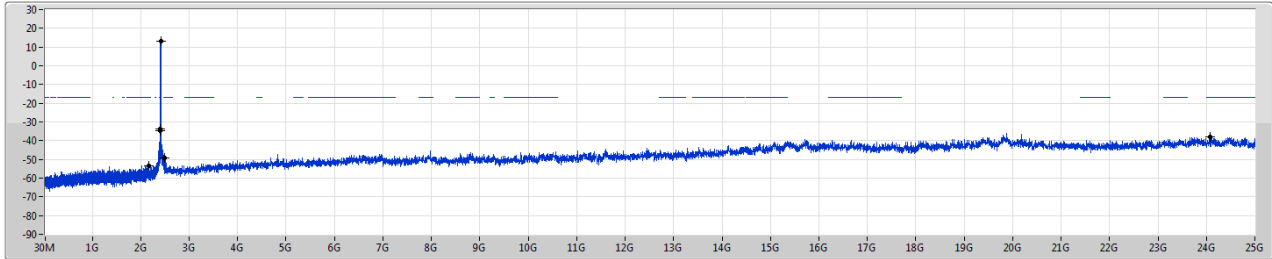
802.11b_Nss1,(1Mbps)_1TX

2412MHz

CSE NdB

14/11/2019

Port1



RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41298G	12.97	-17.03	2.17418G	-53.25	2.4G	-33.64	2.4G	-34.82	2.48502G	-49.40	2.407284G	-38.10	1

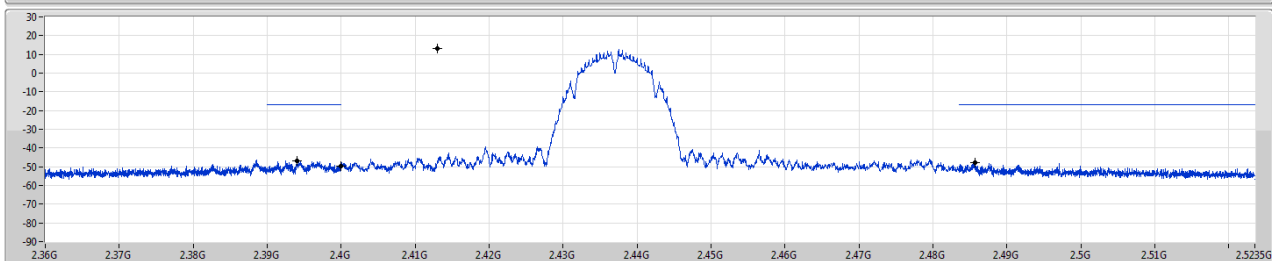
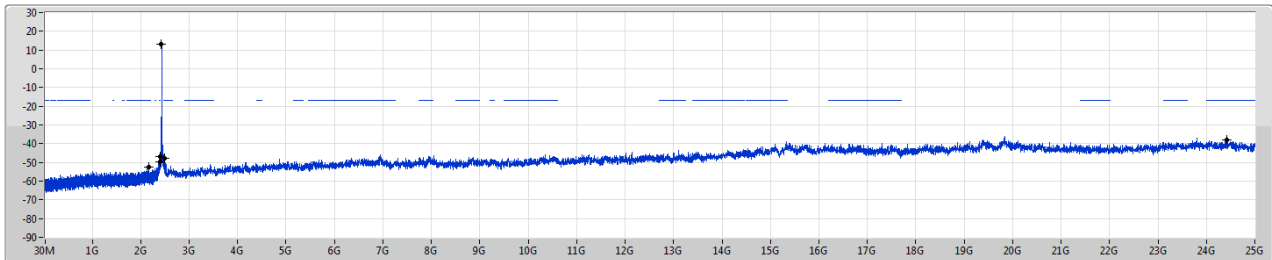
802.11b_Nss1,(1Mbps)_1TX

2437MHz

CSE NdB

14/11/2019

Port1



RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41298G	12.97	-17.03	2.17331G	-52.36	2.394G	-46.73	2.4G	-49.56	2.48568G	-47.62	2.42685G	-37.92	1

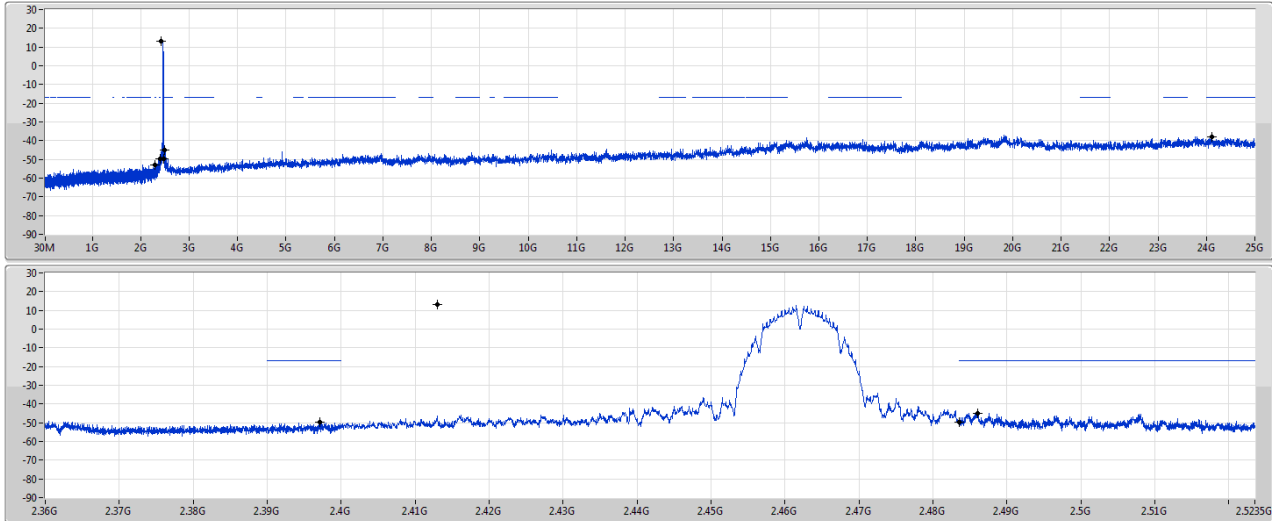
802.11b_Nss1,(1Mbps)_1TX

2462MHz

CSE NdB

14/11/2019

Port 1 



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41298G	12.97	-17.03	2.30233G	-52.89	2.39712G	-49.61	2.4835G	-49.82	2.48598G	-44.91	2.411218G	-38.14	1

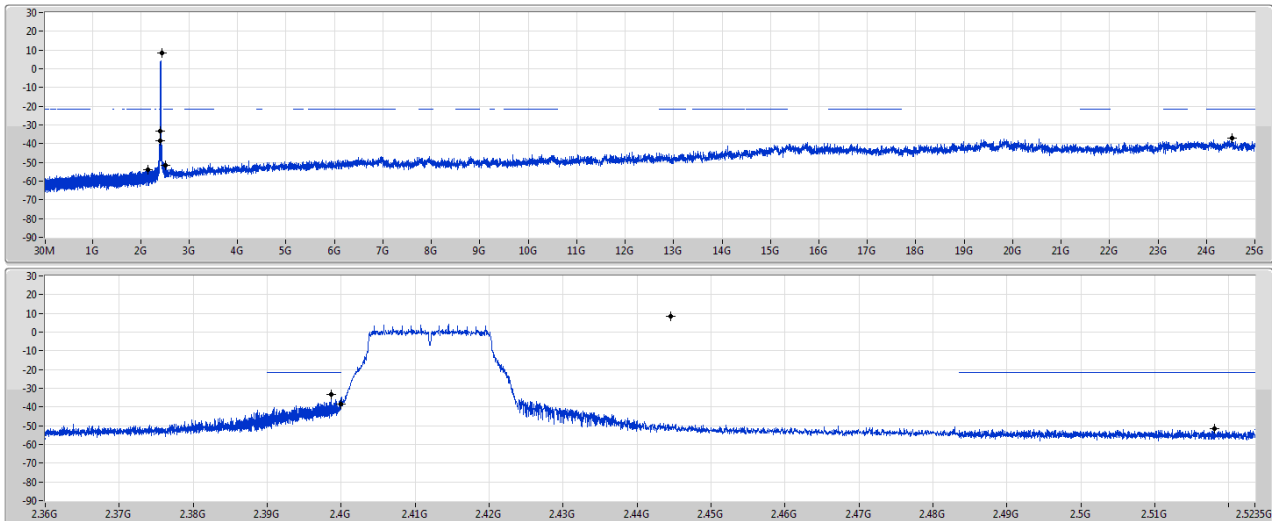
802.11g_Nss1,(6Mbps)_1TX

2412MHz

CSE NdB

14/11/2019

Port 1 



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44451G	8.41	-21.59	2.14855G	-53.79	2.3986G	-33.20	2.4G	-38.59	2.518G	-51.76	2.453361G	-36.84	1

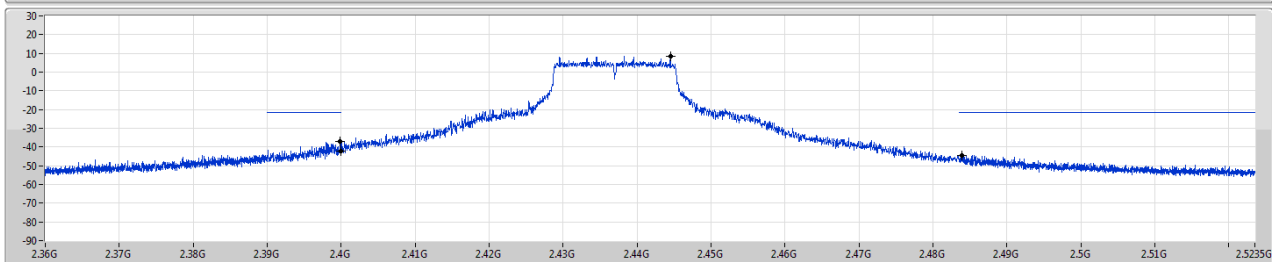
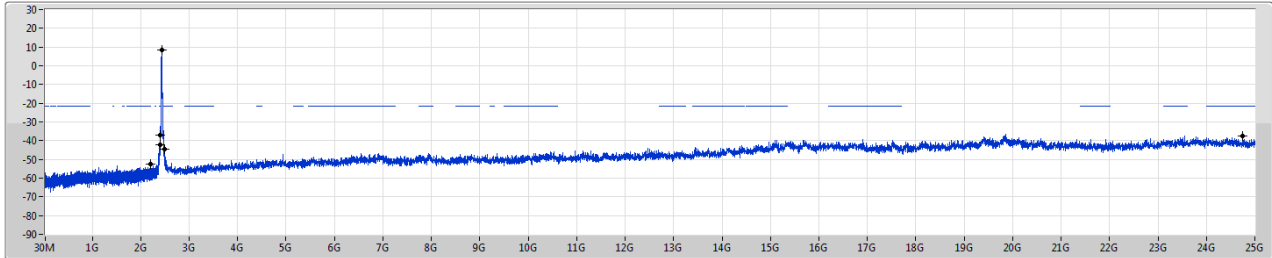
802.11g_Nss1,(6Mbps)_1TX

2437MHz

CSE NdB

14/11/2019

Port 1 



RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44451G	8.41	-21.59	2.19952G	-52.71	2.39988G	-37.04	2.4G	-42.07	2.4839G	-44.33	2.474152G	-37.31	1

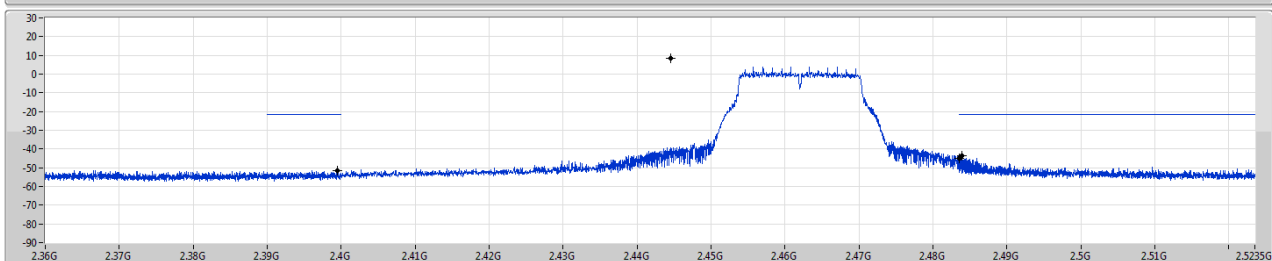
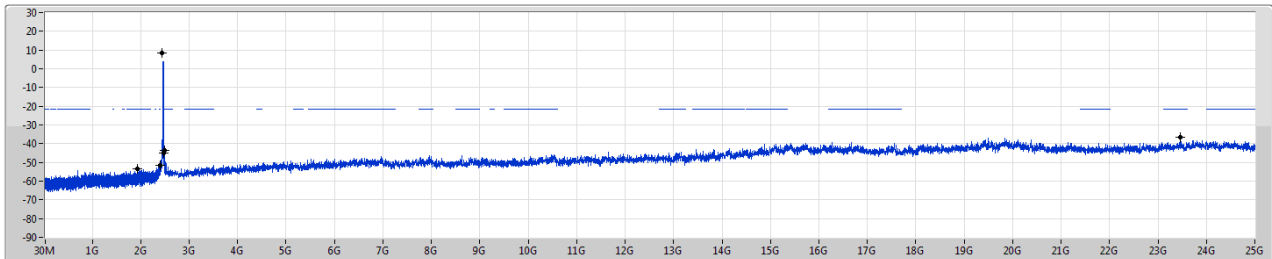
802.11g_Nss1,(6Mbps)_1TX

2462MHz

CSE NdB

14/11/2019

Port 1 



RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44451G	8.41	-21.59	1.92283G	-53.53	2.39952G	-51.35	2.4835G	-44.95	2.48386G	-43.64	2.46879G	-36.52	1

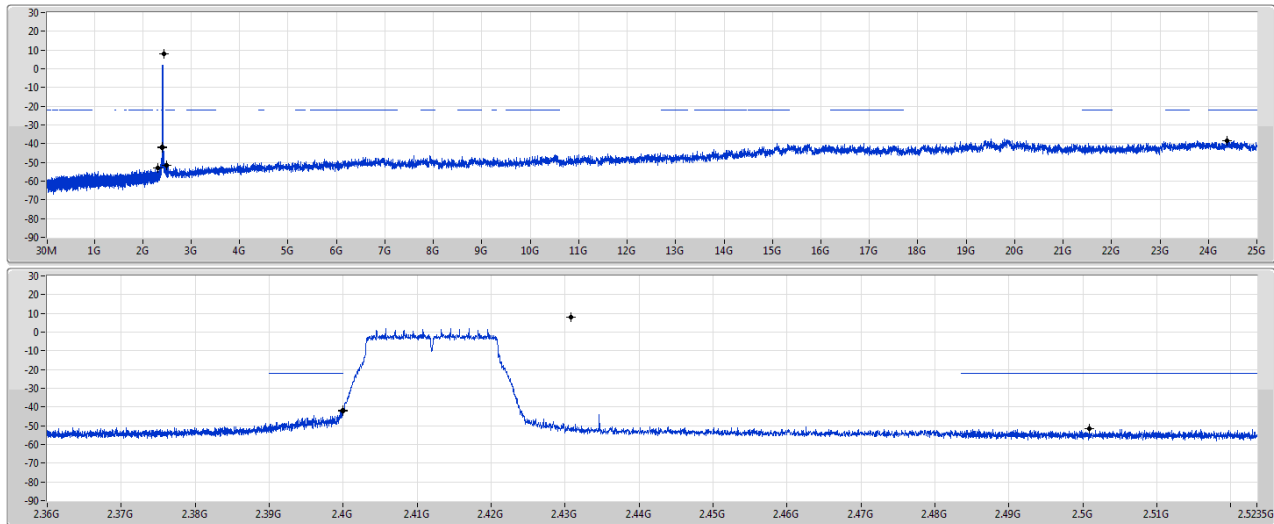
VHT20_Nss1,(MCS0)_1TX

2412MHz

CSE NdB

14/11/2019

Port 1



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43073G	7.95	-22.05	2.30699G	-52.85	2.39998G	-41.65	2.4G	-42.11	2.5009G	-51.52	2.439313G	-38.53	1

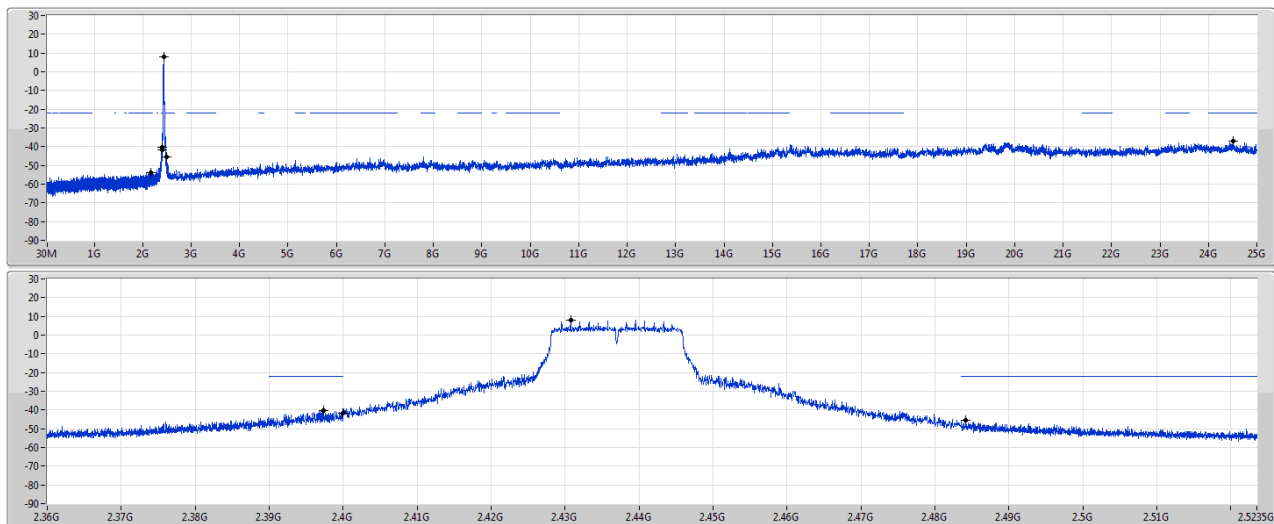
VHT20_Nss1,(MCS0)_1TX

2437MHz

CSE NdB

14/11/2019

Port 1



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43073G	7.95	-22.05	2.17214G	-53.95	2.39736G	-40.19	2.4G	-41.63	2.48416G	-45.42	2.450552G	-36.80	1

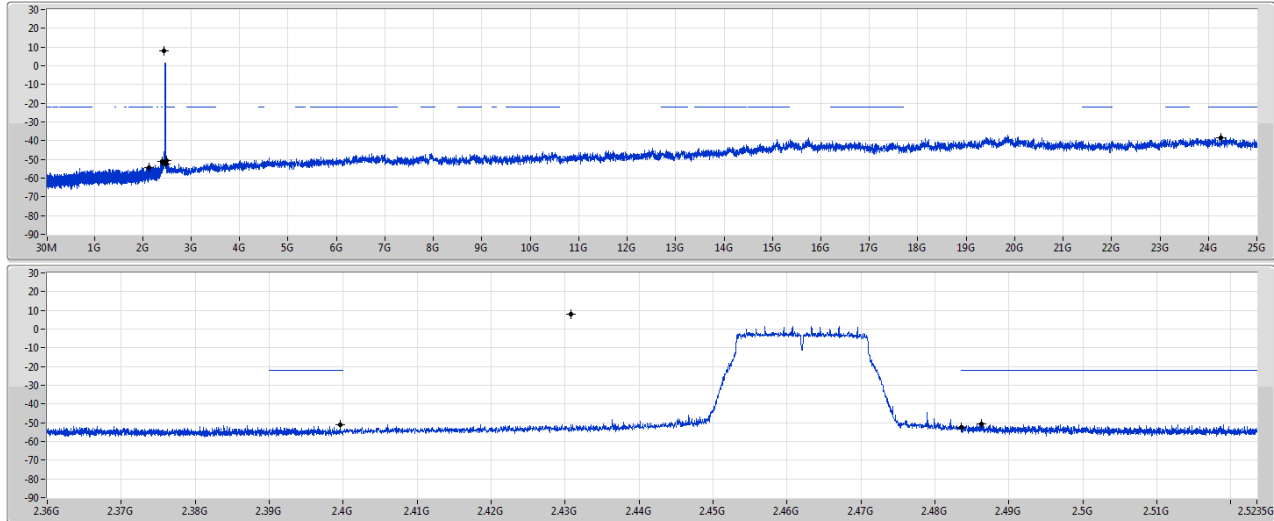
VHT20_Nss1,(MCS0)_1TX

2462MHz

CSE NdB

14/11/2019

Port 1



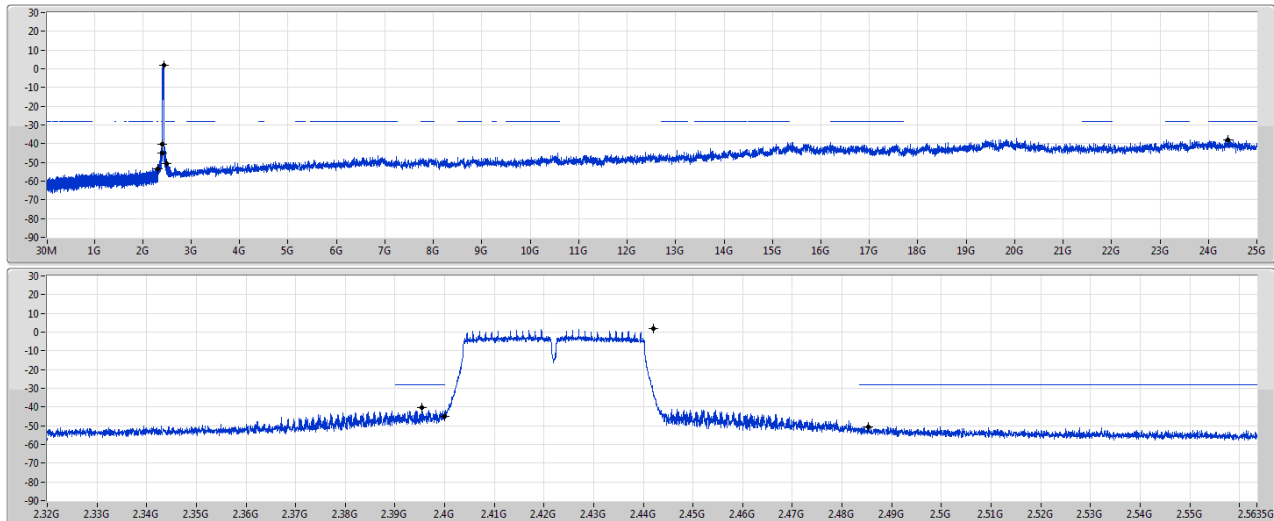
VHT40_Nss1,(MCS0)_1TX

2422MHz

CSE NdB

14/11/2019

Port 1



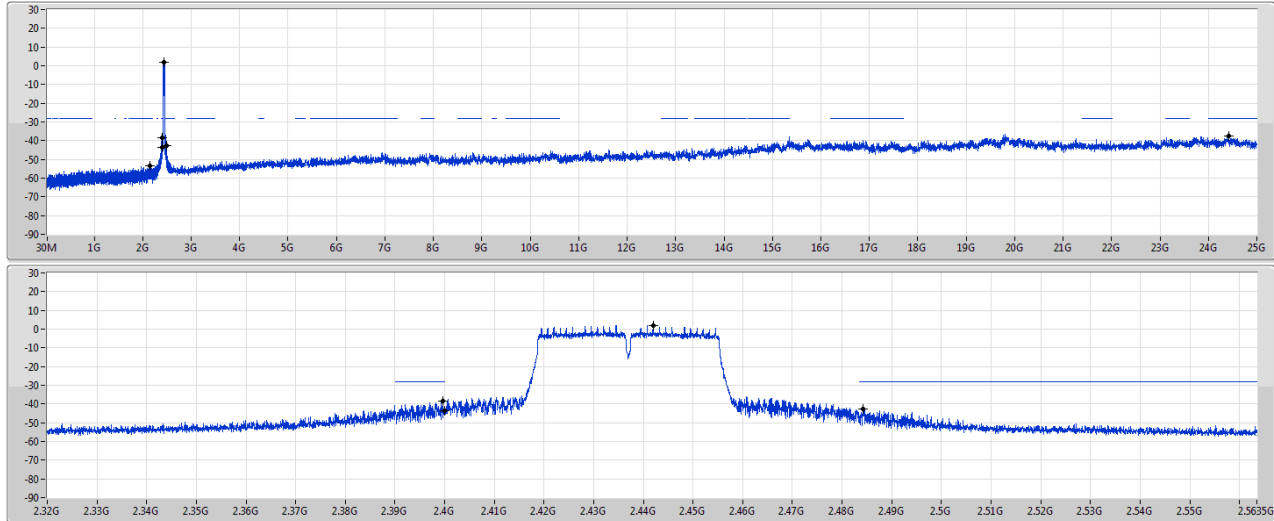
VHT40_Nss1,(MCS0)_1TX

2437MHz

CSE NdB

14/11/2019

Port 1



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.442G	1.78	-28.22	2.14539G	-53.35	2.3996G	-38.63	2.4G	-43.39	2.48418G	-42.64	2.41665G	-37.63	1

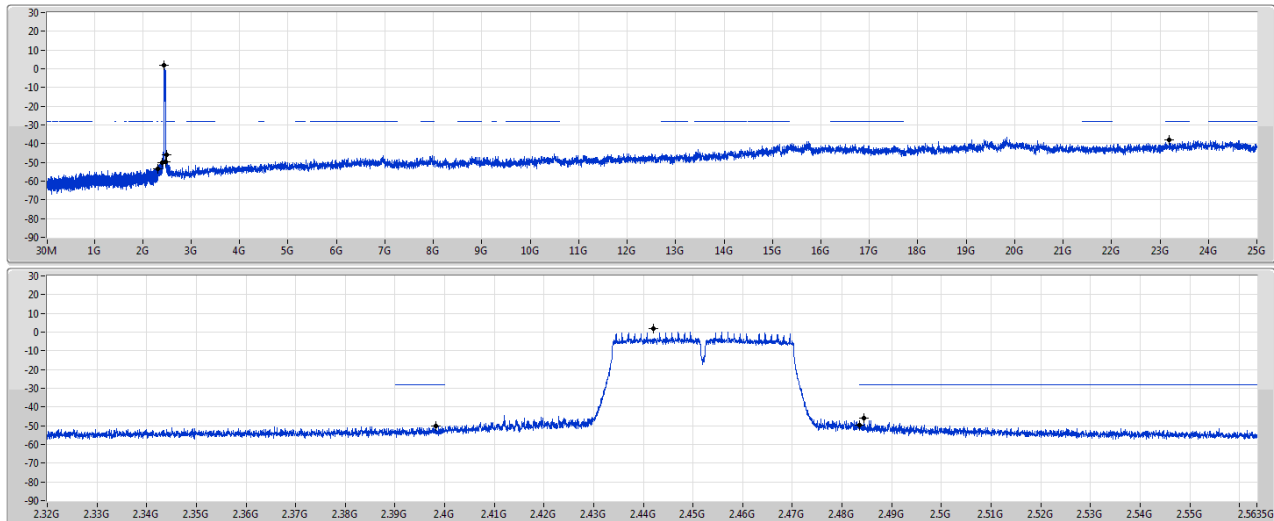
VHT40_Nss1,(MCS0)_1TX

2452MHz

CSE NdB

14/11/2019

Port 1



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.442G	1.78	-28.22	2.3034G	-53.37	2.3982G	-50.15	2.4835G	-49.71	2.48442G	-46.10	2.319106G	-38.20	1

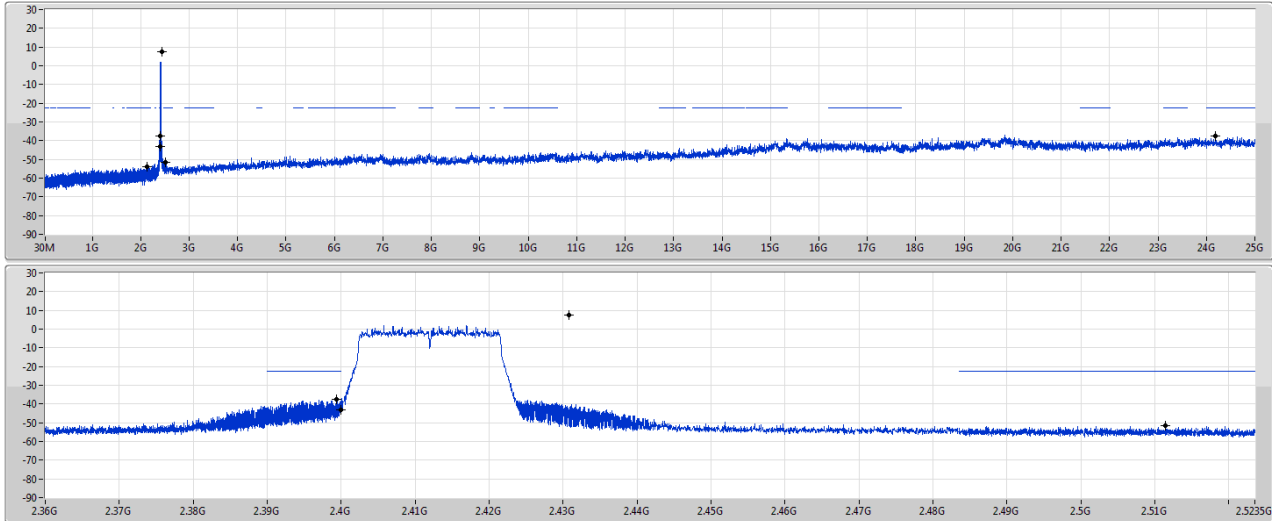
802.11ax HEW20_Nss1,(MCS0)_1TX

2412MHz

CSE NdB

14/11/2019

Port 1 



RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43077G	7.70	-22.30	2.13312G	-53.94	2.39938G	-37.61	2.4G	-43.04	2.51146G	-51.72	2.417961G	-37.43	1

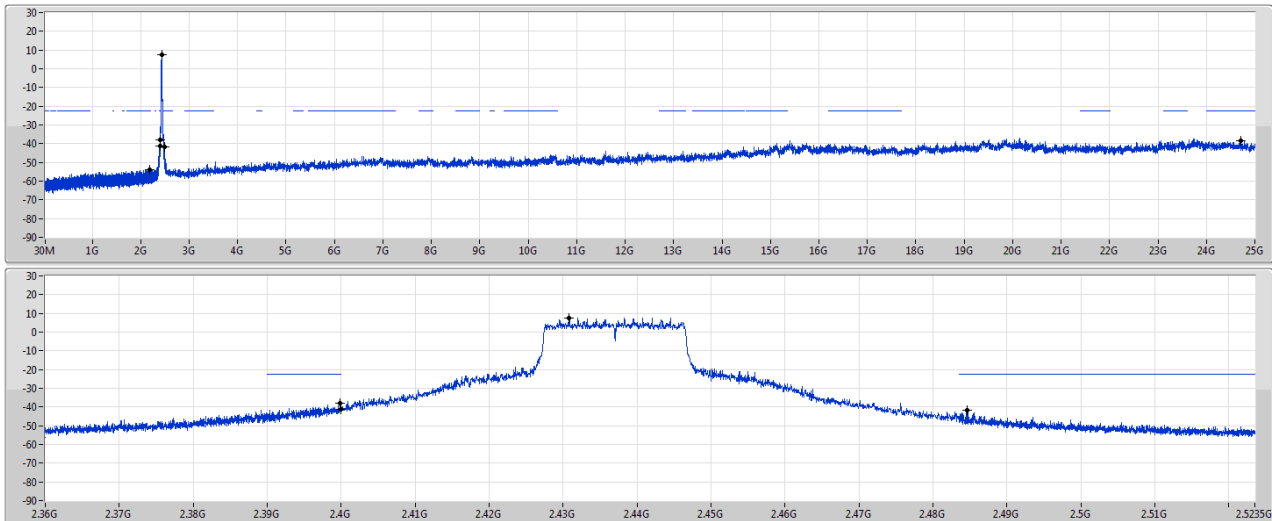
802.11ax HEW20_Nss1,(MCS0)_1TX

2437MHz

CSE NdB

14/11/2019

Port 1 



RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

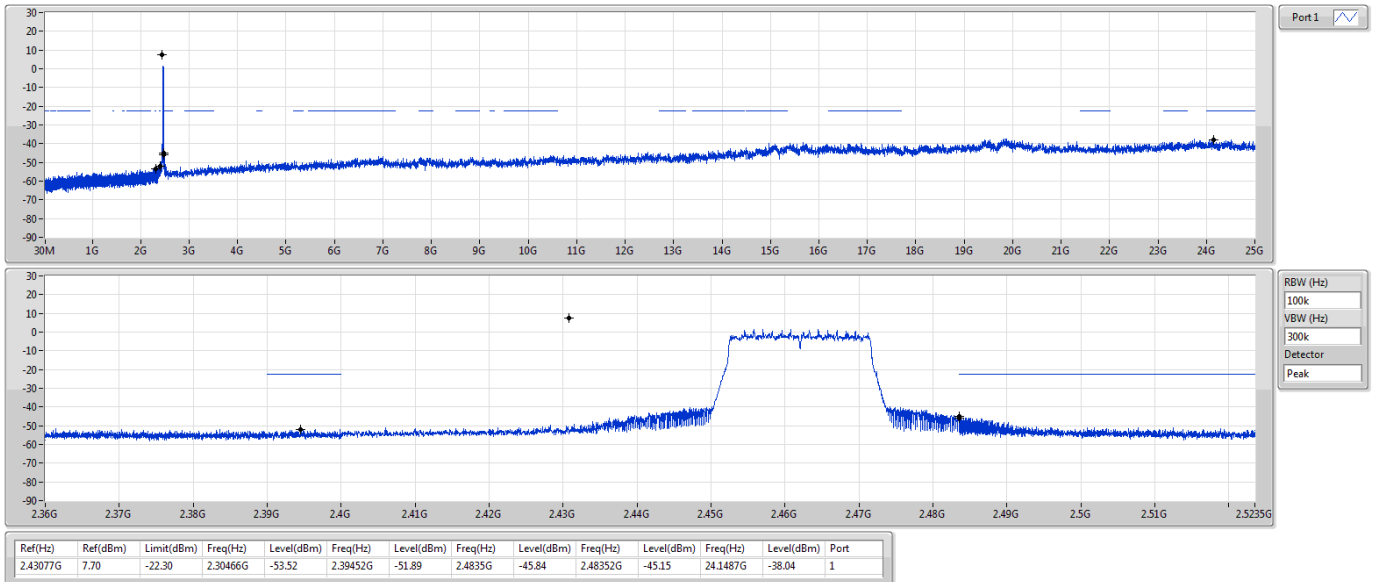
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43077G	7.70	-22.30	2.17797G	-54.08	2.39988G	-37.77	2.4G	-41.37	2.48456G	-41.95	2.471062G	-38.33	1

802.11ax HEW20_Nss1,(MCS0)_1TX

2462MHz

CSE NdB

14/11/2019

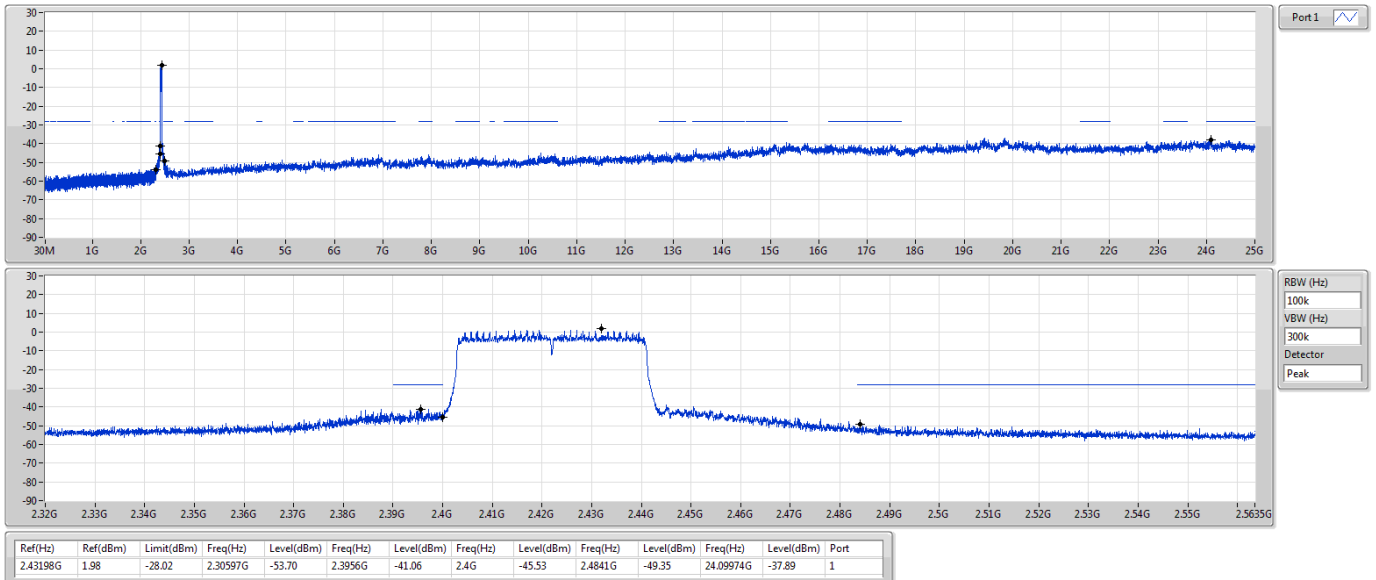


802.11ax HEW40_Nss1,(MCS0)_1TX

2422MHz

CSE NdB

14/11/2019



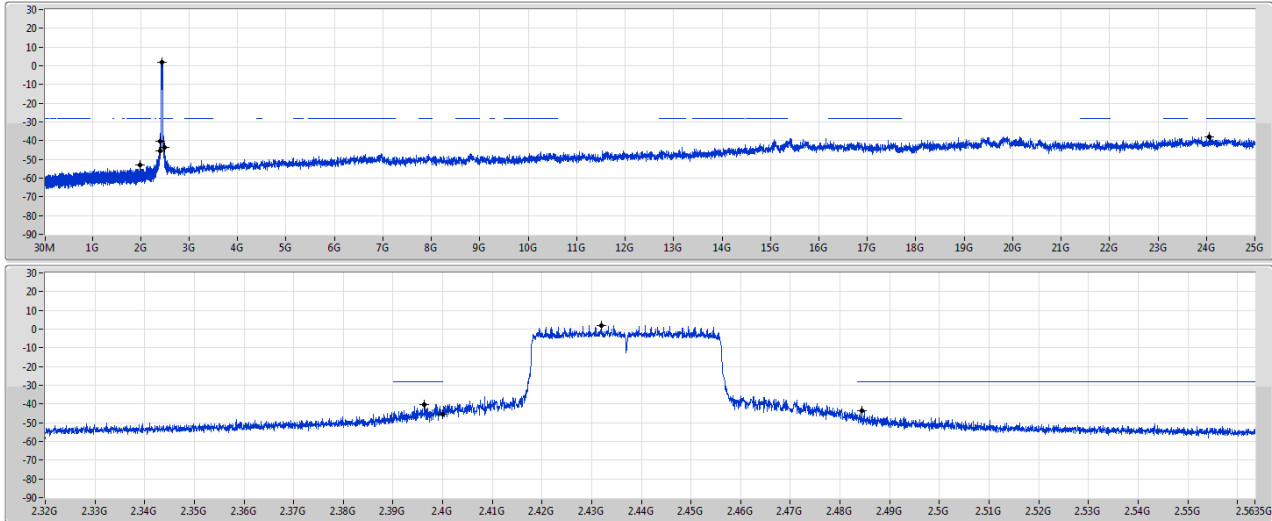
802.11ax HEW40_Nss1,(MCS0)_1TX

2437MHz

CSE NdB

14/11/2019

Port 1



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43198G	1.98	-28.02	1.98251G	-53.15	2.39636G	-40.24	2.4G	-45.35	2.48446G	-43.44	2.486328G	-37.89	1

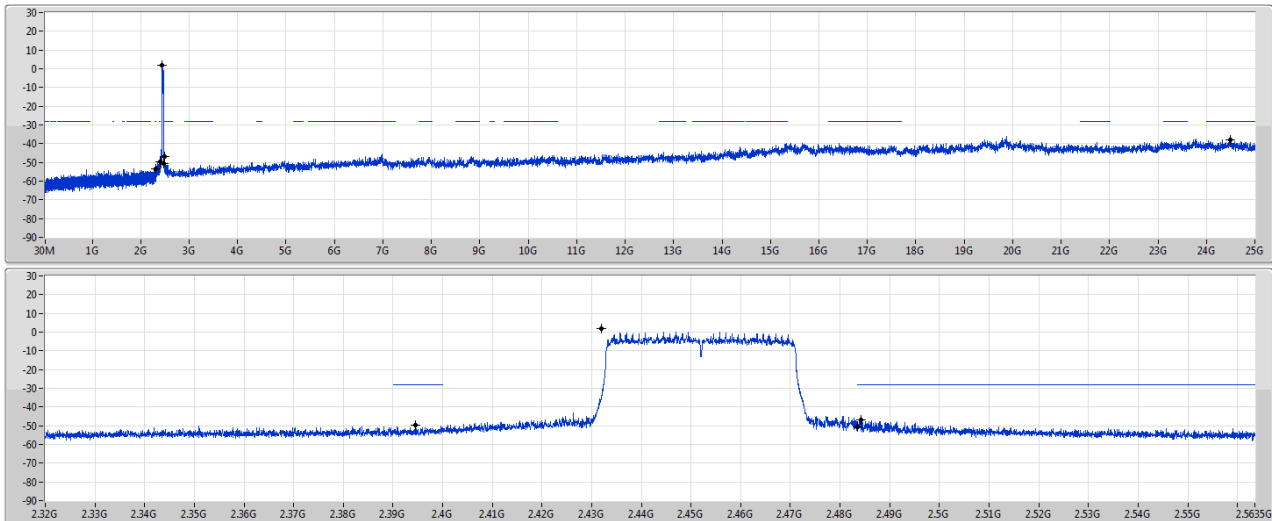
802.11ax HEW40_Nss1,(MCS0)_1TX

2452MHz

CSE NdB

14/11/2019

Port 1



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43198G	1.98	-28.02	2.30426G	-53.39	2.3946G	-49.77	2.4835G	-50.51	2.4843G	-47.10	2.48396G	-38.08	1



**CSE(Non-restricted Band) _Non-Beamforming_ Sample 2_
Radio 1_Panel 2_2T2S**

Appendix E.8

Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.43599G	13.54	-16.46	2.04807G	-53.13	2.39652G	-41.99	2.4G	-48.39	2.4863G	-50.32	24.07846G	-38.09	1
802.11g_Nss1,(6Mbps)_2TX	Pass	2.442G	7.12	-22.88	2.19078G	-53.18	2.39982G	-39.46	2.4G	-37.89	2.49524G	-51.30	24.09532G	-38.00	1
VHT20_Nss2,(MCS0)_2TX	Pass	2.442G	7.21	-22.79	2.11156G	-53.48	2.39986G	-36.73	2.4G	-39.59	2.49022G	-51.96	24.40156G	-37.20	2
VHT40_Nss2,(MCS0)_2TX	Pass	2.43198G	0.26	-29.74	2.15455G	-53.49	2.39956G	-39.02	2.4G	-45.50	2.48722G	-48.44	23.18545G	-38.21	2
802.11ax HEW20_Nss2,(MCS0)_2TX	Pass	2.442G	6.82	-23.18	2.12438G	-53.56	2.39996G	-38.82	2.4G	-37.53	2.49716G	-50.89	24.13185G	-38.22	1
802.11ax HEW40_Nss2,(MCS0)_2TX	Pass	2.43198G	0.61	-29.39	2.168G	-53.59	2.39952G	-37.63	2.4G	-39.72	2.48374G	-44.56	24.2035G	-38.62	2

Result

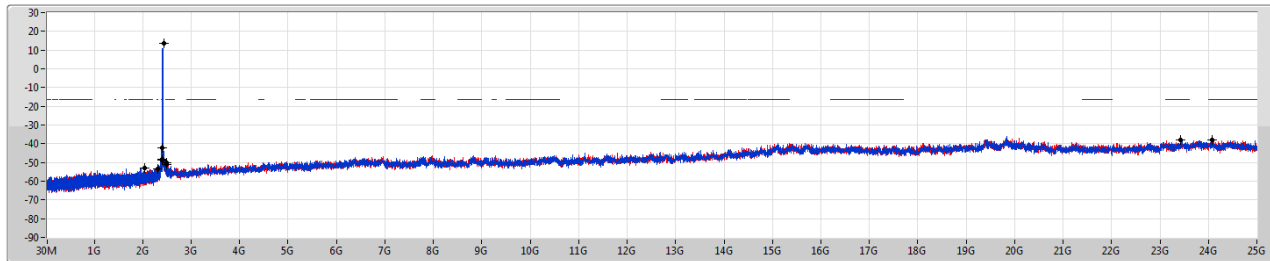
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.43599G	13.54	-16.46	2.04807G	-53.13	2.39652G	-41.99	2.4G	-48.39	2.4863G	-50.32	24.07846G	-38.09	1
2412MHz_TnomVnom	Pass	2.43599G	13.54	-16.46	2.30991G	-53.27	2.39656G	-42.23	2.4G	-48.77	2.4922G	-50.90	23.43226G	-37.78	2
2437MHz_TnomVnom	Pass	2.43599G	13.54	-16.46	2.14651G	-53.65	2.39652G	-43.74	2.4G	-48.55	2.48848G	-45.38	23.19626G	-37.85	1
2437MHz_TnomVnom	Pass	2.43599G	13.54	-16.46	2.14273G	-54.13	2.4G	-44.74	2.4G	-44.23	2.49104G	-46.37	24.41561G	-37.82	2
2462MHz_TnomVnom	Pass	2.43599G	13.54	-16.46	2.07865G	-53.95	2.3932G	-51.16	2.4835G	-49.45	2.48832G	-45.94	24.09813G	-37.59	1
2462MHz_TnomVnom	Pass	2.43599G	13.54	-16.46	2.12875G	-53.94	2.39792G	-48.69	2.4835G	-47.66	2.4855G	-42.55	24.39313G	-37.72	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.442G	7.12	-22.88	2.19078G	-53.18	2.39982G	-39.46	2.4G	-37.89	2.49524G	-51.30	24.09532G	-38.00	1
2412MHz_TnomVnom	Pass	2.442G	7.12	-22.88	2.12787G	-53.28	2.39918G	-37.98	2.4G	-40.70	2.51124G	-50.40	24.53361G	-38.02	2
2437MHz_TnomVnom	Pass	2.442G	7.12	-22.88	2.15147G	-52.26	2.39794G	-43.48	2.4G	-44.64	2.4849G	-47.84	24.44652G	-37.89	1
2437MHz_TnomVnom	Pass	2.442G	7.12	-22.88	2.17593G	-53.85	2.3998G	-42.16	2.4G	-46.19	2.48728G	-46.42	24.15151G	-38.25	2
2462MHz_TnomVnom	Pass	2.442G	7.12	-22.88	1.924G	-52.12	2.39086G	-51.61	2.4835G	-51.00	2.48452G	-45.96	24.04475G	-37.21	1
2462MHz_TnomVnom	Pass	2.442G	7.12	-22.88	2.30991G	-53.89	2.39338G	-51.59	2.4835G	-49.89	2.48548G	-43.25	24.48866G	-38.40	2
VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.442G	7.21	-22.79	2.09729G	-53.54	2.39996G	-40.40	2.4G	-41.19	2.48932G	-51.83	24.45494G	-36.33	1
2412MHz_TnomVnom	Pass	2.442G	7.21	-22.79	2.11156G	-53.48	2.39986G	-36.73	2.4G	-39.59	2.49022G	-51.96	24.40156G	-37.20	2
2437MHz_TnomVnom	Pass	2.442G	7.21	-22.79	2.19457G	-54.17	2.39832G	-43.23	2.4G	-47.38	2.48414G	-47.77	24.46056G	-37.45	1
2437MHz_TnomVnom	Pass	2.442G	7.21	-22.79	2.15642G	-54.19	2.3998G	-41.14	2.4G	-48.94	2.48696G	-47.57	24.75557G	-37.73	2
2462MHz_TnomVnom	Pass	2.442G	7.21	-22.79	2.30059G	-53.89	2.3964G	-52.14	2.4835G	-52.05	2.48756G	-48.21	24.4128G	-37.11	1
2462MHz_TnomVnom	Pass	2.442G	7.21	-22.79	2.16108G	-53.38	2.39238G	-50.53	2.4835G	-42.28	2.48386G	-40.04	24.13746G	-38.08	2
VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	2.43198G	0.26	-29.74	2.30884G	-54.03	2.393G	-46.48	2.4G	-47.44	2.48546G	-50.74	23.19947G	-37.40	1
2422MHz_TnomVnom	Pass	2.43198G	0.26	-29.74	2.30569G	-53.09	2.39824G	-45.77	2.4G	-47.52	2.5335G	-51.38	24.10254G	-37.93	2
2437MHz_TnomVnom	Pass	2.43198G	0.26	-29.74	1.93185G	-53.16	2.3996G	-43.69	2.4G	-49.79	2.48954G	-50.16	24.41665G	-37.76	1
2437MHz_TnomVnom	Pass	2.43198G	0.26	-29.74	2.15455G	-53.49	2.39956G	-39.02	2.4G	-45.50	2.48722G	-48.44	23.18545G	-38.21	2
2452MHz_TnomVnom	Pass	2.43198G	0.26	-29.74	2.14796G	-53.12	2.39036G	-51.41	2.4835G	-50.52	2.4911G	-47.37	24.74198G	-38.29	1
2452MHz_TnomVnom	Pass	2.43198G	0.26	-29.74	2.11361G	-54.12	2.3956G	-49.71	2.4835G	-48.43	2.4895G	-43.09	24.41946G	-36.89	2
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.442G	6.82	-23.18	2.12438G	-53.56	2.39996G	-38.82	2.4G	-37.53	2.49716G	-50.89	24.13185G	-38.22	1
2412MHz_TnomVnom	Pass	2.442G	6.82	-23.18	1.97642G	-53.95	2.39902G	-39.25	2.4G	-41.46	2.48478G	-51.69	24.82581G	-37.76	2
2437MHz_TnomVnom	Pass	2.442G	6.82	-23.18	2.19544G	-54.01	2.3995G	-44.12	2.4G	-45.94	2.49218G	-48.02	24.30604G	-37.62	1
2437MHz_TnomVnom	Pass	2.442G	6.82	-23.18	2.3067G	-53.69	2.39996G	-43.21	2.4G	-44.24	2.48402G	-45.93	23.43226G	-37.91	2
2462MHz_TnomVnom	Pass	2.442G	6.82	-23.18	2.10836G	-52.69	2.39912G	-51.96	2.4835G	-51.50	2.48668G	-45.41	24.41561G	-38.47	1
2462MHz_TnomVnom	Pass	2.442G	6.82	-23.18	2.13137G	-54.16	2.3971G	-51.47	2.4835G	-46.18	2.48462G	-41.92	24.04475G	-37.49	2
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	2.43198G	0.61	-29.39	2.14997G	-53.50	2.39732G	-45.27	2.4G	-46.62	2.4923G	-51.32	24.48677G	-37.91	1
2422MHz_TnomVnom	Pass	2.43198G	0.61	-29.39	1.81992G	-53.67	2.39308G	-44.32	2.4G	-46.89	2.4901G	-51.18	24.37458G	-37.95	2
2437MHz_TnomVnom	Pass	2.43198G	0.61	-29.39	2.30941G	-53.38	2.39932G	-41.72	2.4G	-45.30	2.4837G	-47.13	24.39982G	-38.19	1
2437MHz_TnomVnom	Pass	2.43198G	0.61	-29.39	2.168G	-53.59	2.39952G	-37.63	2.4G	-39.72	2.48374G	-44.56	24.2035G	-38.62	2
2452MHz_TnomVnom	Pass	2.43198G	0.61	-29.39	2.30483G	-54.16	2.39328G	-51.21	2.4835G	-49.93	2.48702G	-47.50	24.51762G	-36.84	1
2452MHz_TnomVnom	Pass	2.43198G	0.61	-29.39	2.30054G	-53.62	2.39064G	-49.01	2.4835G	-46.39	2.4845G	-43.11	24.4447G	-38.14	2

802.11b_Nss1,(1Mbps)_2TX

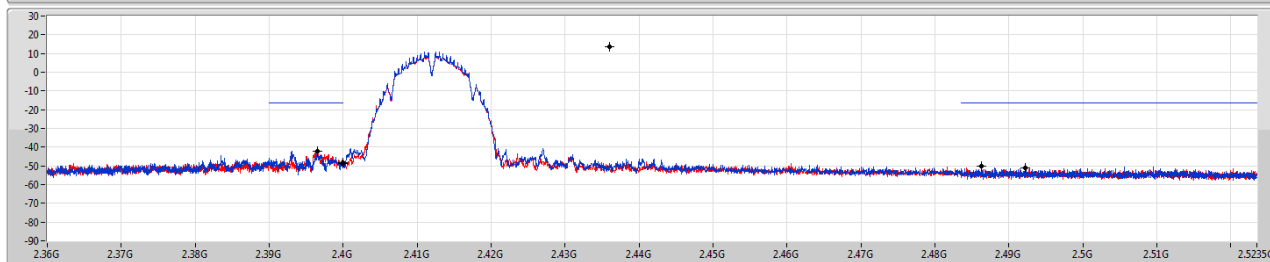
2412MHz

CSE NdB

14/11/2019



Port 1
Port 2



RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

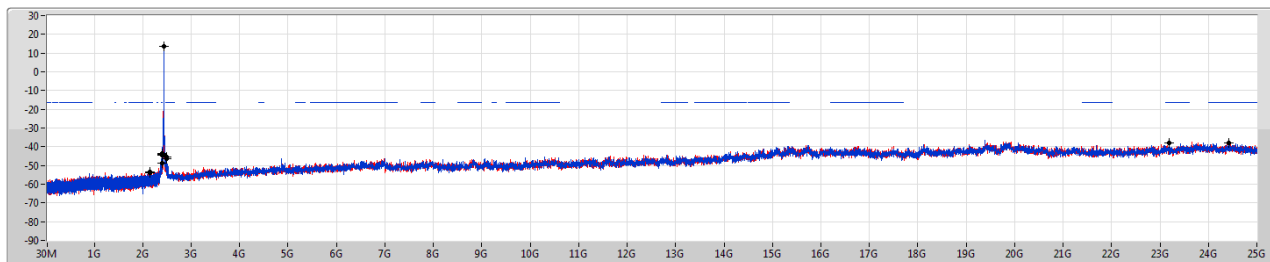
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2.43599G	13.54	-16.46	2.04807G	-53.13	2.39652G	-41.99	2.4G	-48.39	2.4863G	-50.32	24.07846G	-38.09	1
2.43599G	13.54	-16.46	2.30991G	-53.27	2.39656G	-42.23	2.4G	-48.77	2.4922G	-50.90	23.43226G	-37.78	2

802.11b_Nss1,(1Mbps)_2TX

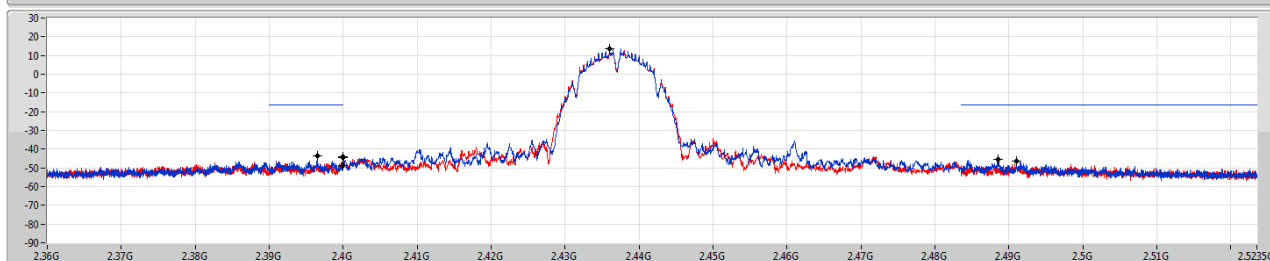
2437MHz

CSE NdB

14/11/2019



Port 1
Port 2



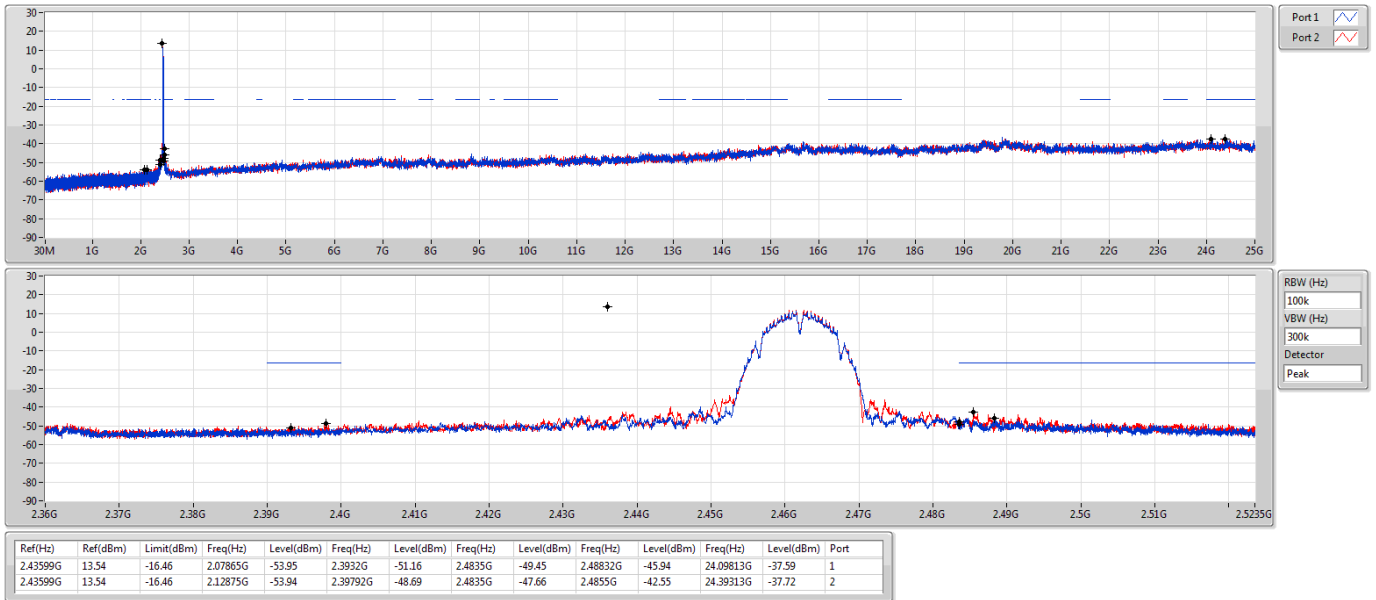
RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43599G	13.54	-16.46	2.14651G	-53.65	2.39652G	-43.74	2.4G	-48.55	2.48848G	-45.38	23.19626G	-37.85	1
2.43599G	13.54	-16.46	2.14273G	-54.13	2.4G	-44.74	2.4G	-44.23	2.49104G	-46.37	24.41561G	-37.82	2

802.11b_Nss1,(1Mbps)_2TX

2462MHz

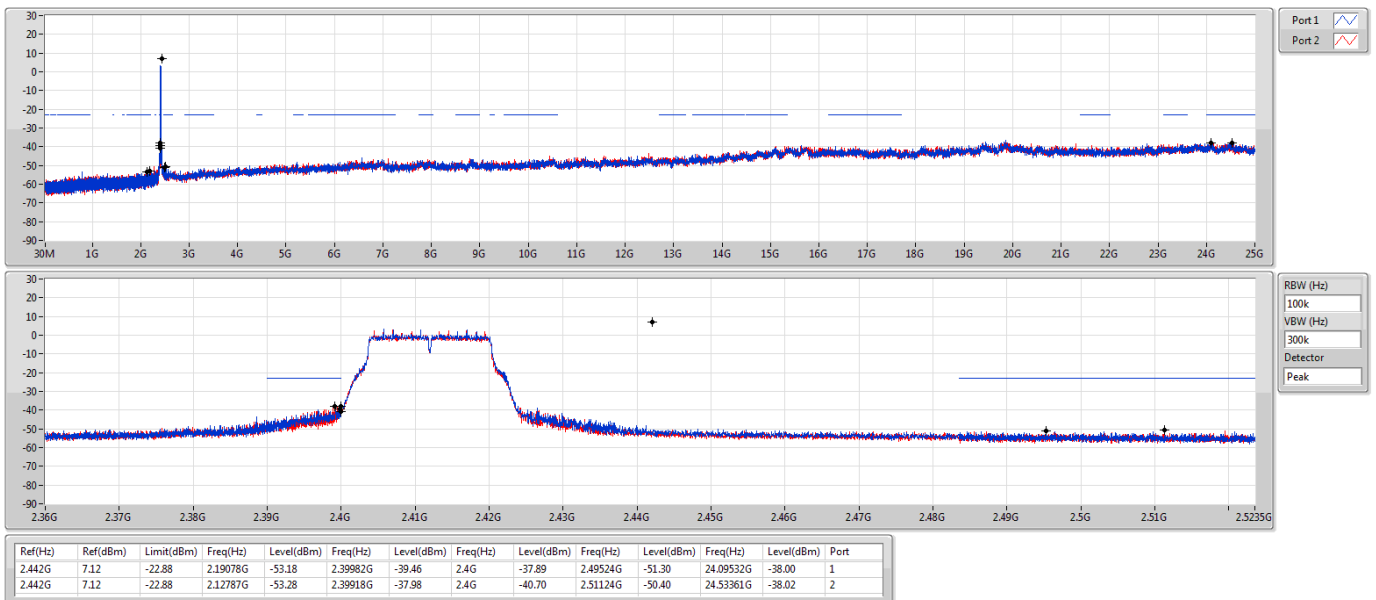
CSE NdB



802.11g_Nss1,(6Mbps)_2TX

2412MHz

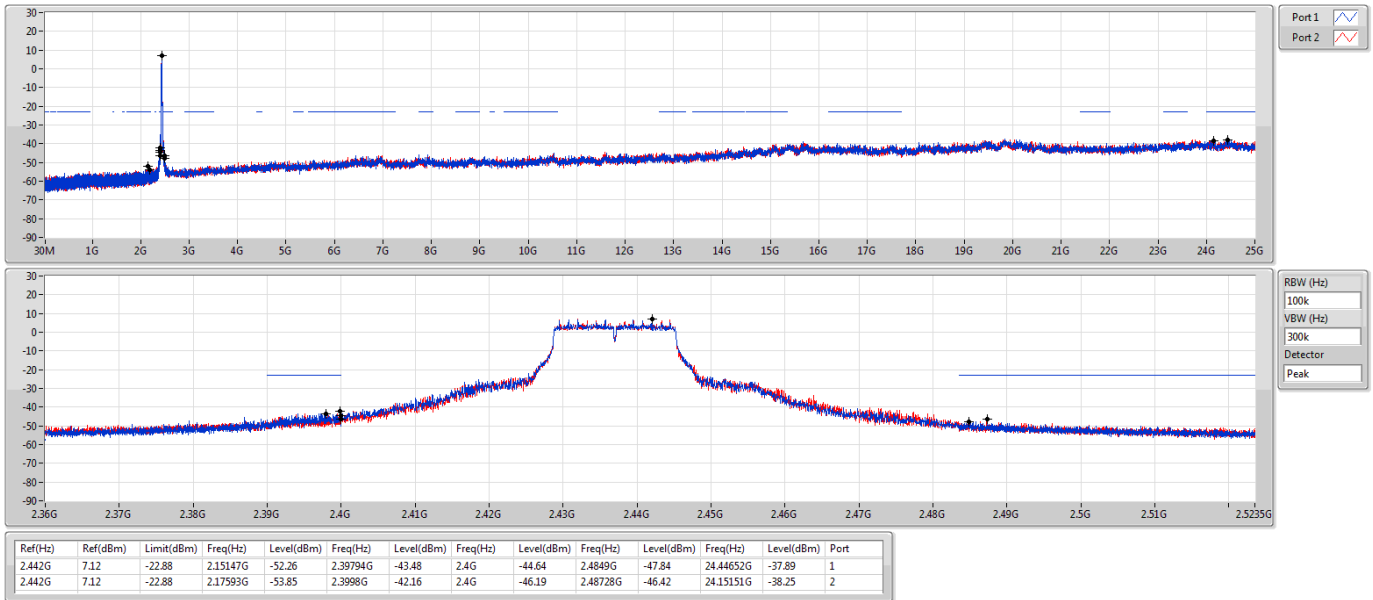
CSE NdB



802.11g_Nss1,(6Mbps)_2TX

2437MHz

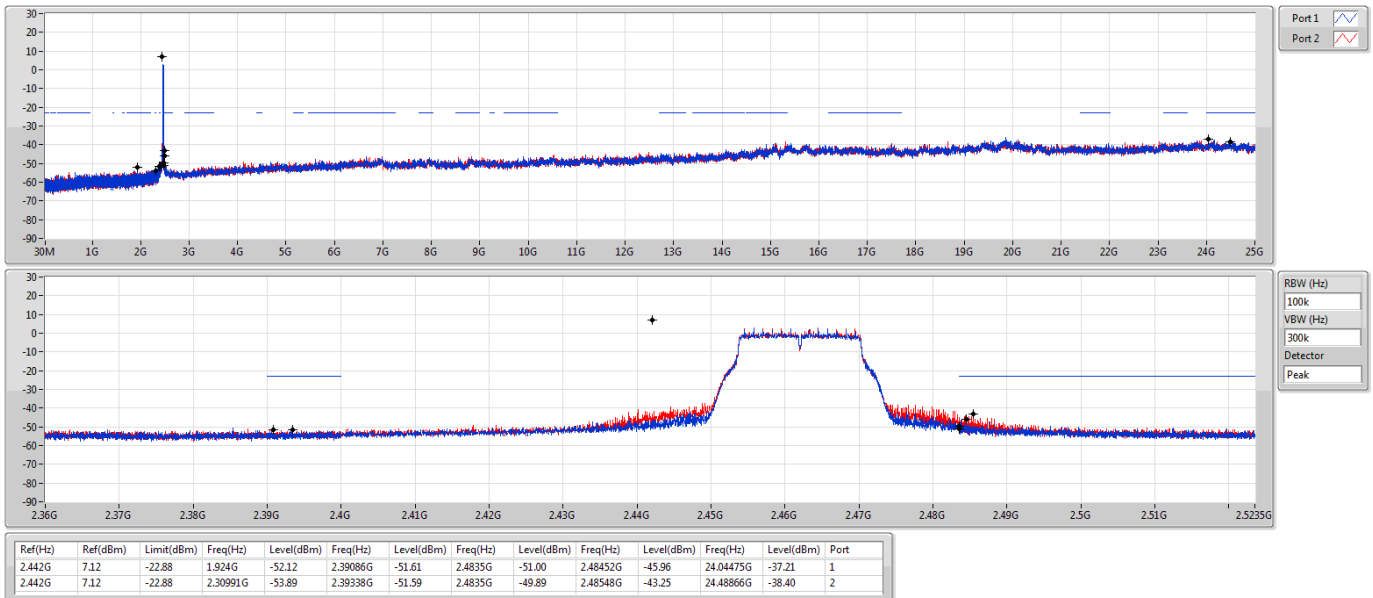
CSE NdB



802.11g_Nss1,(6Mbps)_2TX

2462MHz

CSE NdB

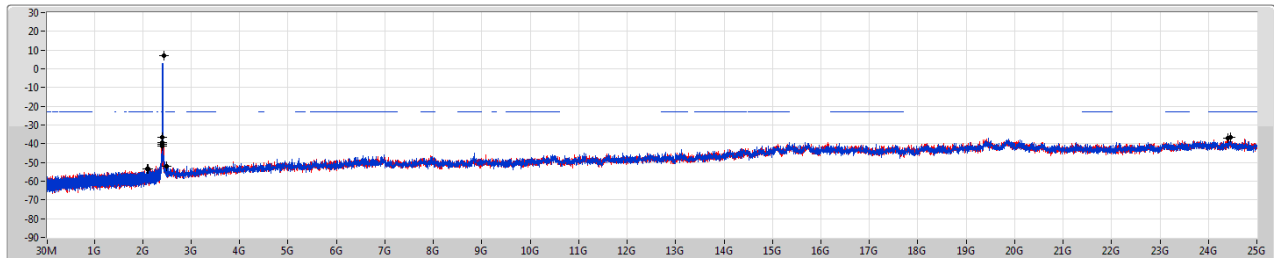


VHT20_Nss2,(MCS0)_2TX

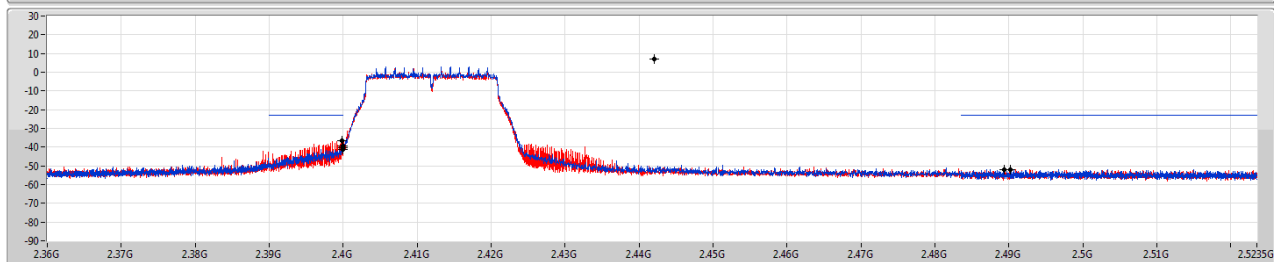
2412MHz

CSE NdB

14/11/2019



Port 1
Port 2



RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

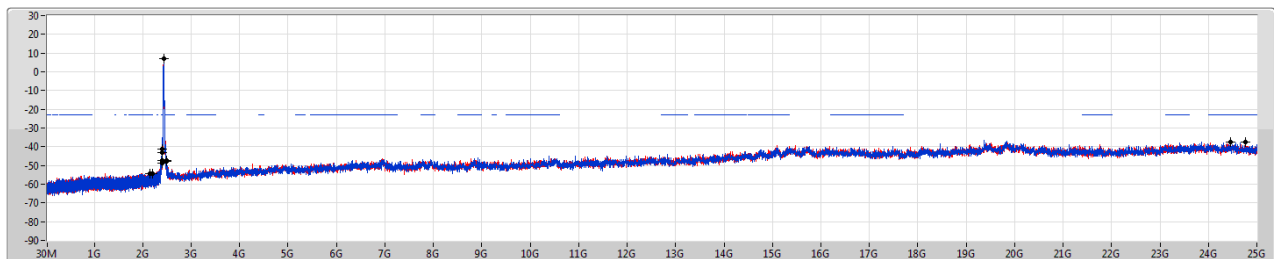
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2.442G	7.21	-22.79	2.09729G	-53.54	2.39996G	-40.40	2.4G	-41.19	2.48932G	-51.83	2.45494G	-36.33	1
2.442G	7.21	-22.79	2.11156G	-53.48	2.39986G	-36.73	2.4G	-39.59	2.49022G	-51.96	2.40156G	-37.20	2

VHT20_Nss2,(MCS0)_2TX

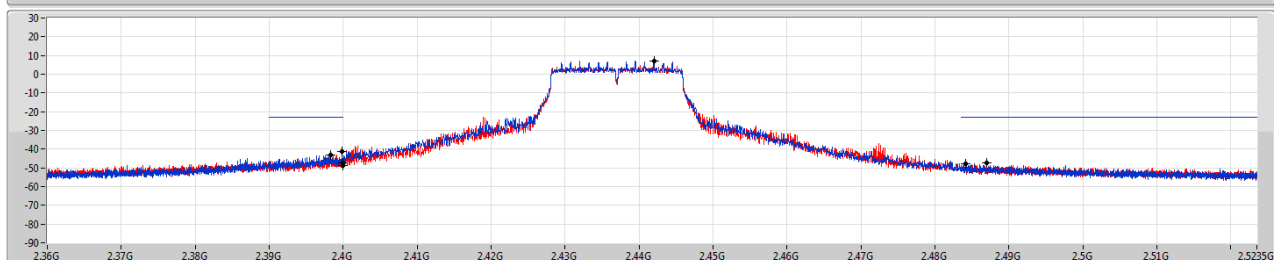
2437MHz

CSE NdB

14/11/2019



Port 1
Port 2



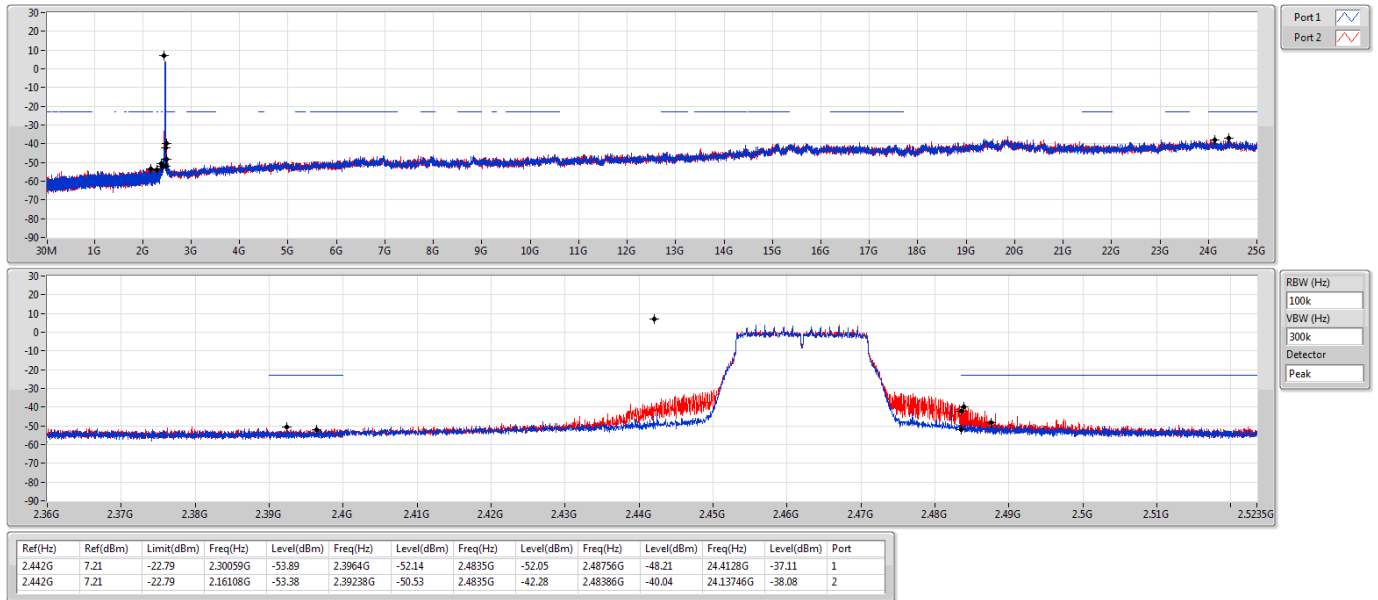
RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.442G	7.21	-22.79	2.19457G	-54.17	2.39832G	-43.23	2.4G	-47.38	2.48414G	-47.77	2.46056G	-37.45	1
2.442G	7.21	-22.79	2.15642G	-54.19	2.39986G	-41.14	2.4G	-48.94	2.48696G	-47.57	2.475557G	-37.73	2

VHT20_Nss2,(MCS0)_2TX

2462MHz

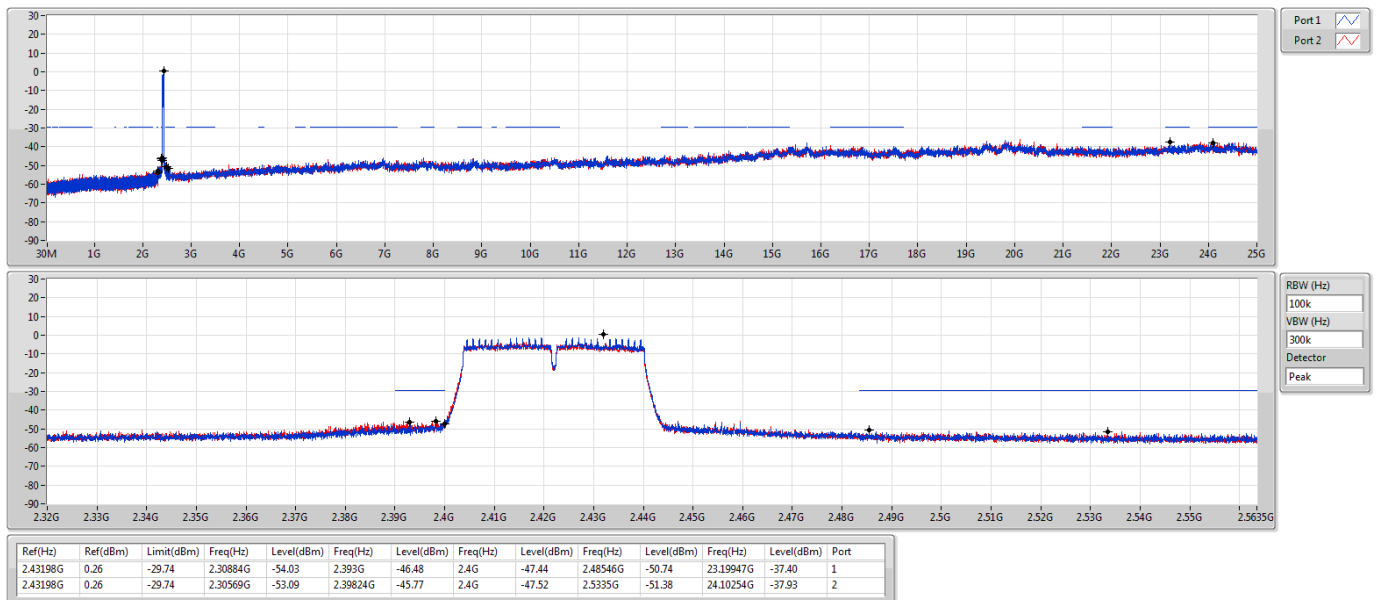
CSE NdB



VHT40_Nss2,(MCS0)_2TX

2422MHz

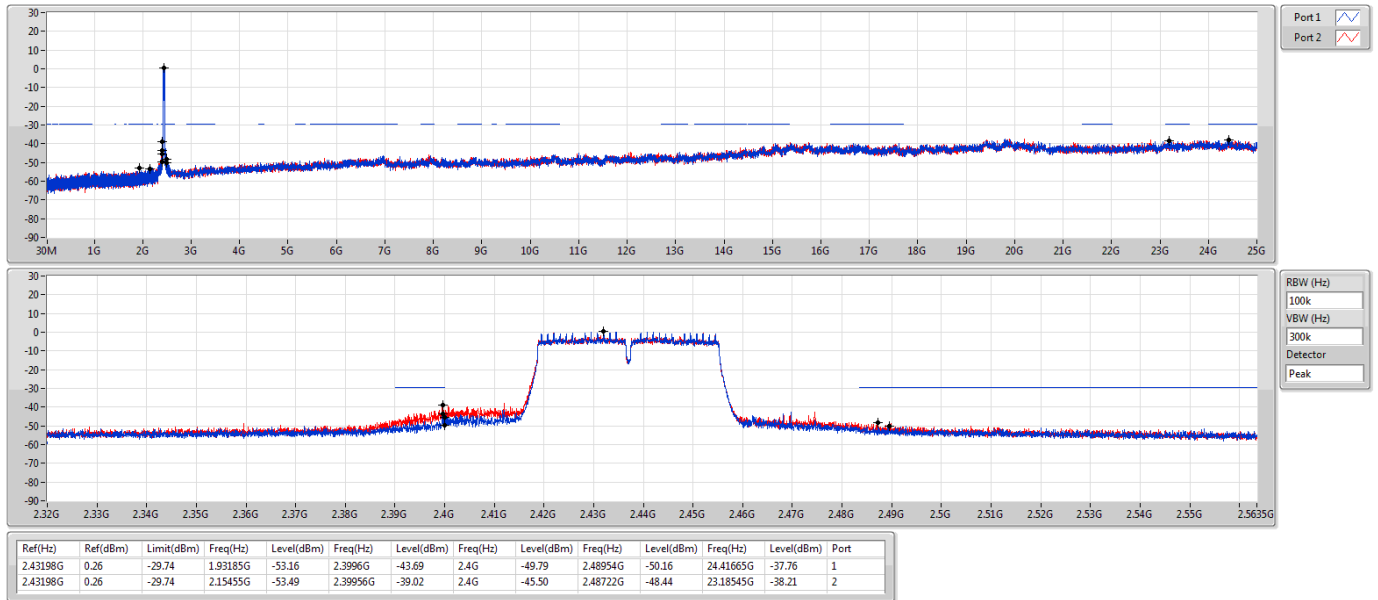
CSE NdB



VHT40_Nss2,(MCS0)_2TX

2437MHz

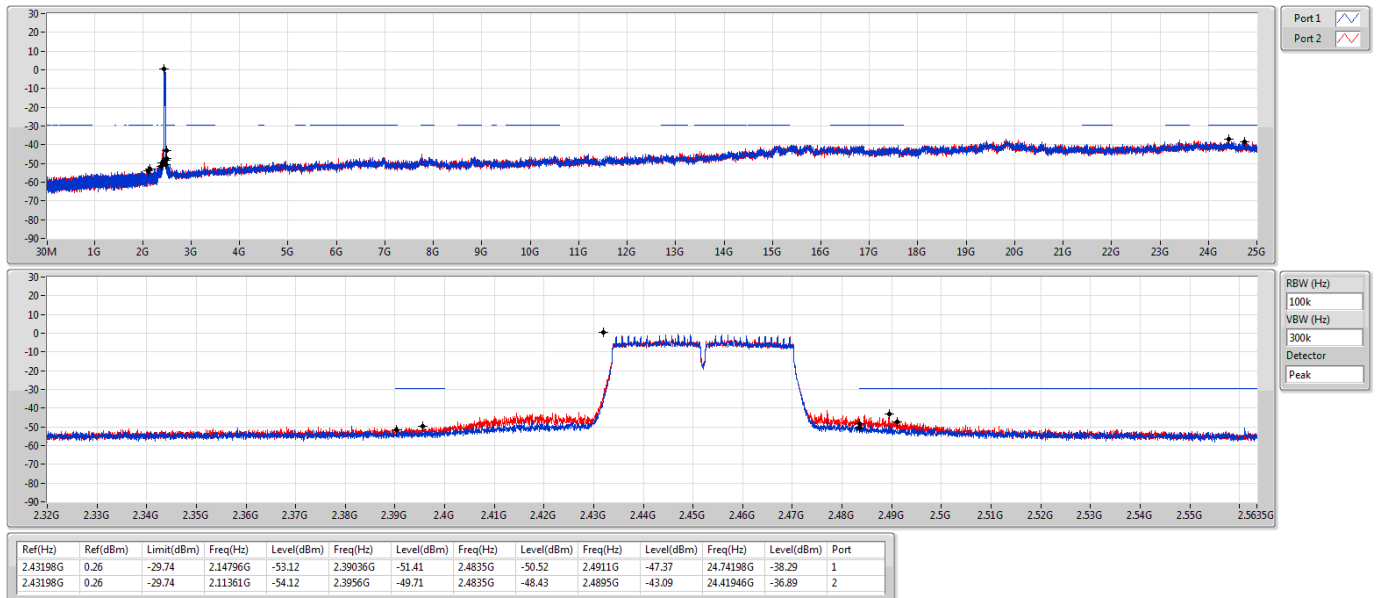
CSE NdB



VHT40_Nss2,(MCS0)_2TX

2452MHz

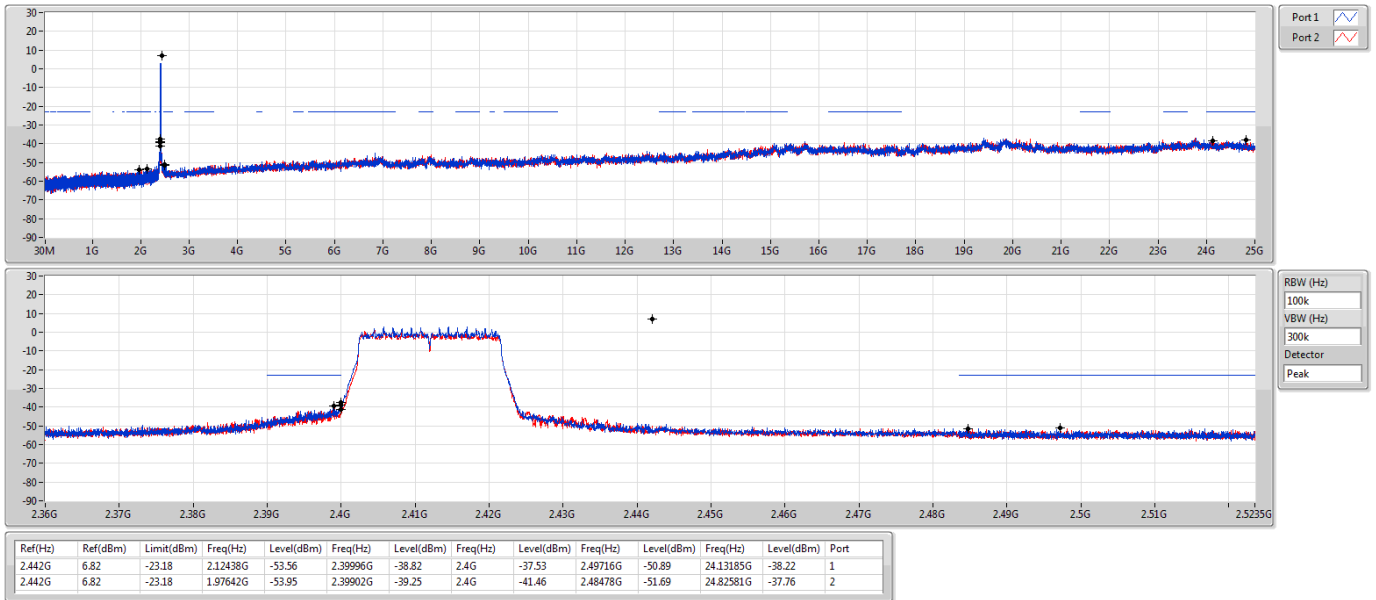
CSE NdB



802.11ax HEW20_Nss2,(MCS0)_2TX

2412MHz

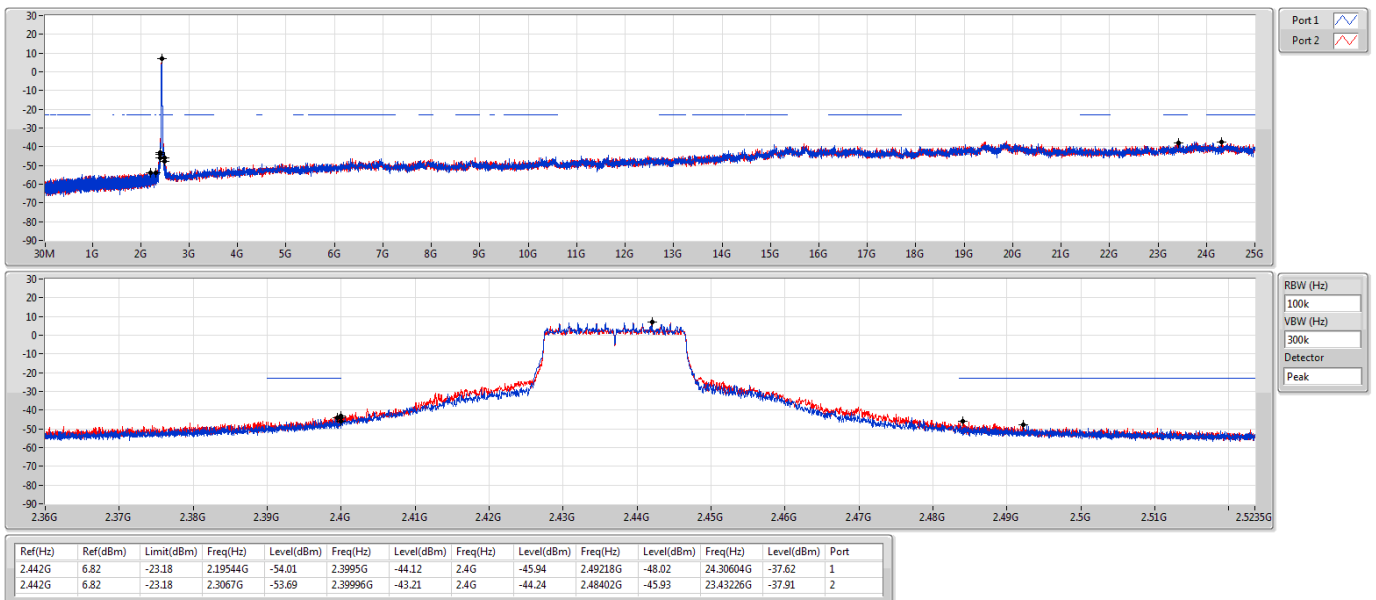
CSE NdB



802.11ax HEW20_Nss2,(MCS0)_2TX

2437MHz

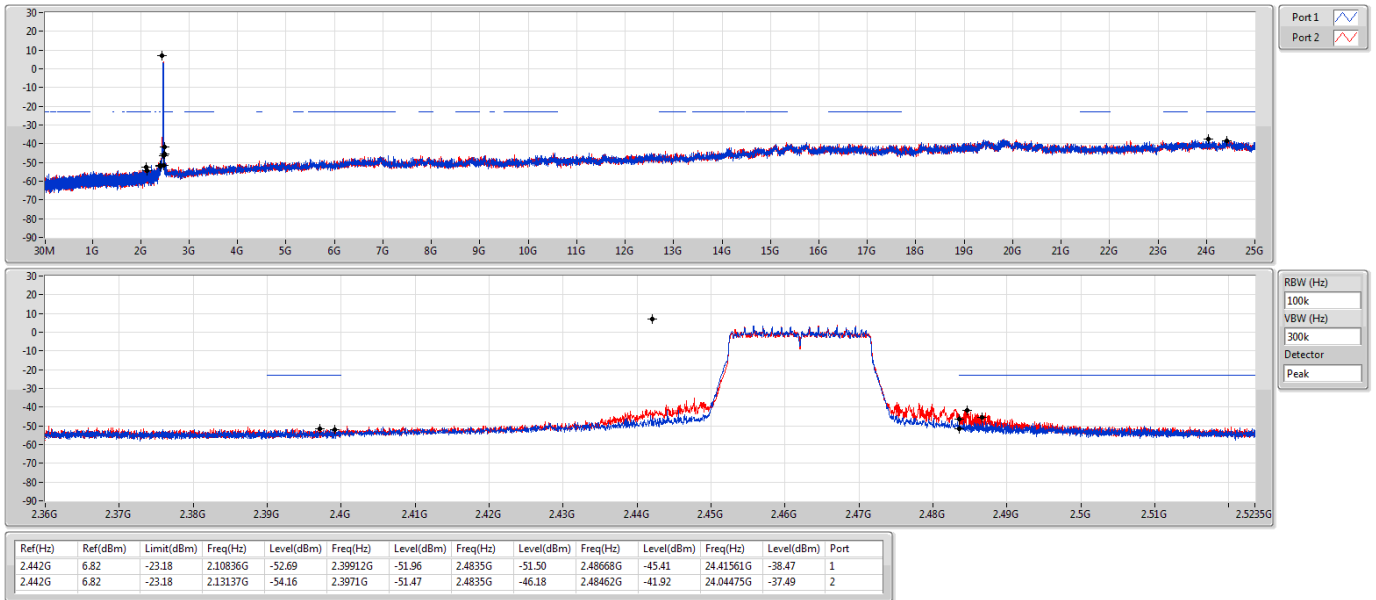
CSE NdB



802.11ax HEW20_Nss2,(MCS0)_2TX

2462MHz

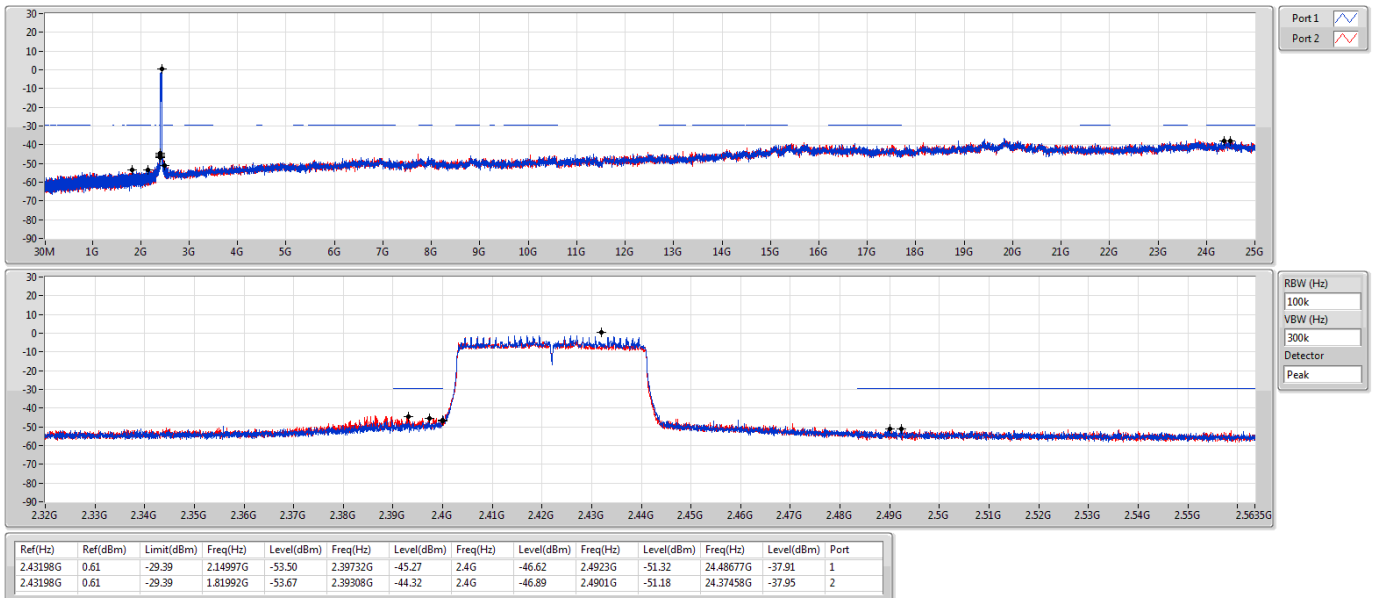
CSE NdB



802.11ax HEW40_Nss2,(MCS0)_2TX

2422MHz

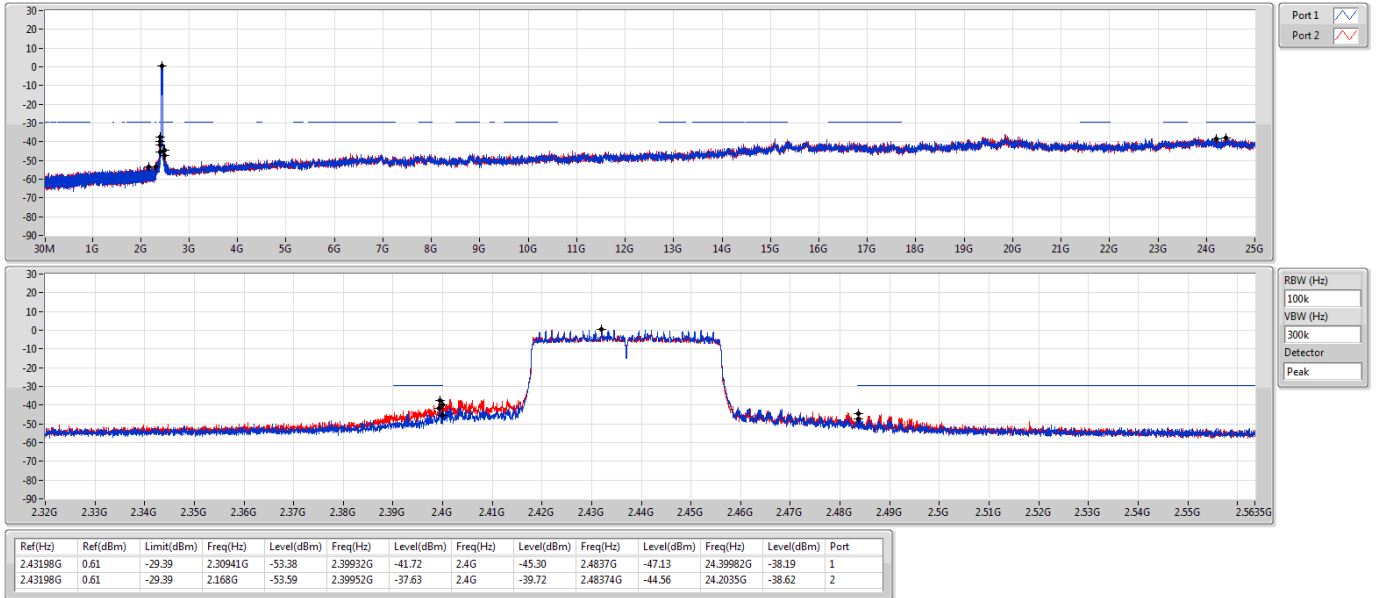
CSE NdB



802.11ax HEW40_Nss2,(MCS0)_2TX

CSE NdB

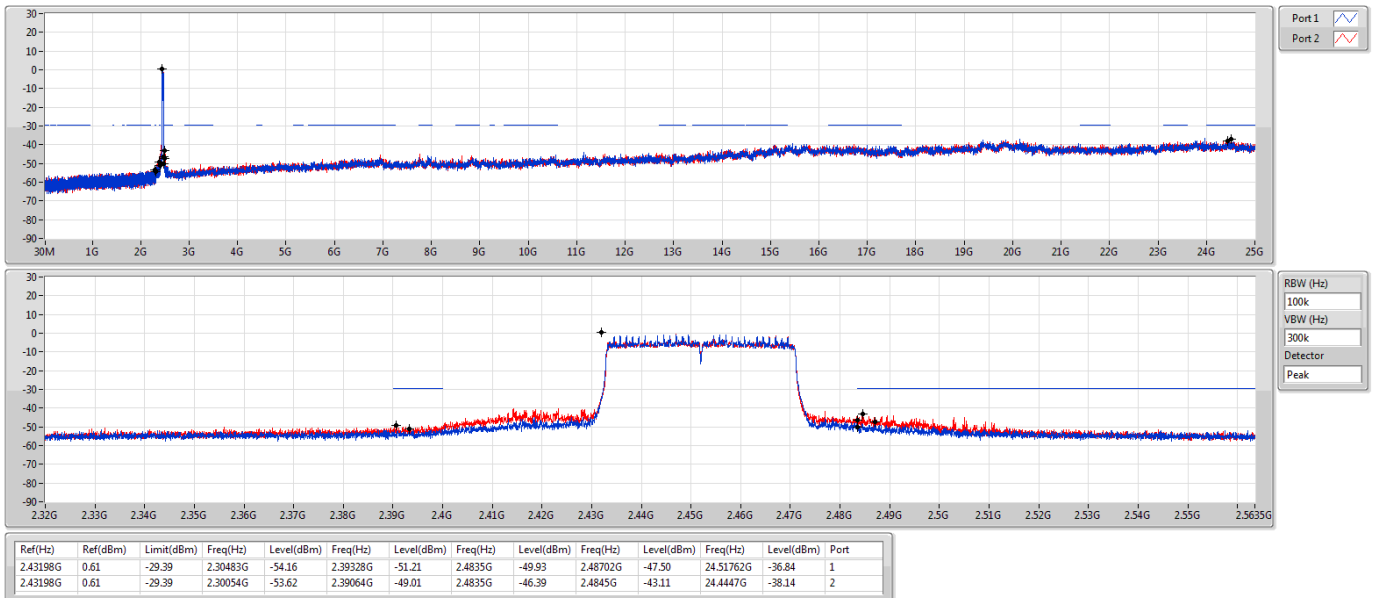
2437MHz



802.11ax HEW40_Nss2,(MCS0)_2TX

CSE NdB

2452MHz





CSE(Non-restricted Band) _Beamforming_Sample 1_Radio 1_2T1S

Appendix E.9

Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VHT20-BF_Nss1,(MCS0)_2TX	Pass	2.43553G	11.88	-18.12	2.11156G	-51.76	2.39952G	-33.58	2.4G	-38.36	2.51352G	-49.50	16.99275G	-39.12	2
VHT40-BF_Nss1,(MCS0)_2TX	Pass	2.42797G	6.13	-23.87	2.17745G	-51.30	2.39956G	-35.43	2.4G	-39.34	2.48574G	-41.83	23.51078G	-39.20	1
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	Pass	2.44204G	9.45	-20.55	2.01836G	-52.60	2.3998G	-30.39	2.4G	-34.42	2.50024G	-48.91	23.45193G	-39.38	2
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	Pass	2.42572G	3.43	-26.57	2.30139G	-51.02	2.39924G	-32.96	2.4G	-38.64	2.4845G	-41.18	24.83734G	-39.11	2

Result

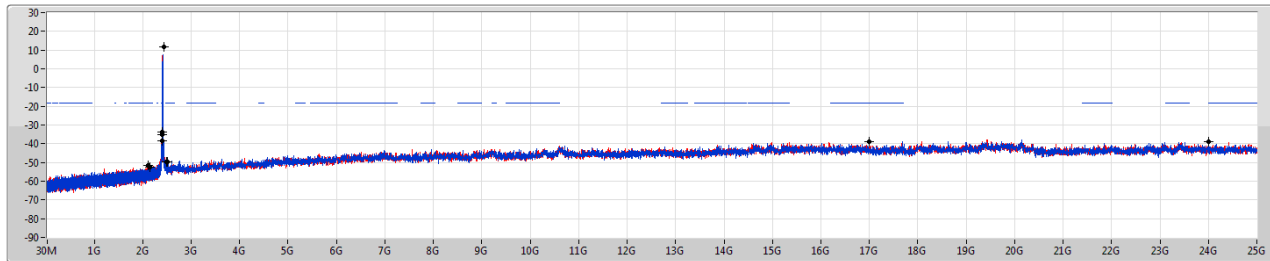
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43553G	11.88	-18.12	2.15321G	-52.35	2.39946G	-35.35	2.4G	-38.60	2.49162G	-49.92	24.00822G	-39.05	1
2412MHz	Pass	2.43553G	11.88	-18.12	2.11156G	-51.76	2.39952G	-33.58	2.4G	-38.36	2.51352G	-49.50	16.99275G	-39.12	2
2437MHz	Pass	2.43553G	11.88	-18.12	2.30554G	-50.94	2.39962G	-36.51	2.4835G	-39.91	2.48352G	-39.19	15.05696G	-39.30	1
2437MHz	Pass	2.43553G	11.88	-18.12	2.06438G	-52.03	2.39932G	-37.32	2.4G	-41.03	2.48416G	-39.98	23.39293G	-38.44	2
2462MHz	Pass	2.43553G	11.88	-18.12	2.30204G	-51.54	2.39894G	-50.14	2.4835G	-45.70	2.48388G	-39.43	17.67547G	-39.60	1
2462MHz	Pass	2.43553G	11.88	-18.12	1.89196G	-52.78	2.39354G	-49.54	2.4835G	-41.31	2.48512G	-37.17	16.96184G	-38.89	2
VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.42797G	6.13	-23.87	2.11161G	-51.75	2.3986G	-43.00	2.4G	-45.27	2.51774G	-49.45	23.4603G	-39.24	1
2422MHz	Pass	2.42797G	6.13	-23.87	2.09415G	-51.65	2.39324G	-41.17	2.4G	-44.79	2.55914G	-49.67	24.79807G	-39.05	2
2437MHz	Pass	2.42797G	6.13	-23.87	2.17745G	-51.30	2.39956G	-35.43	2.4G	-39.34	2.48574G	-41.83	23.51078G	-39.20	1
2437MHz	Pass	2.42797G	6.13	-23.87	2.30225G	-51.24	2.39976G	-37.64	2.4G	-42.09	2.4863G	-41.65	23.16862G	-39.16	2
2452MHz	Pass	2.42797G	6.13	-23.87	2.12678G	-52.23	2.39288G	-47.97	2.4835G	-45.33	2.48946G	-40.40	17.48658G	-39.21	1
2452MHz	Pass	2.42797G	6.13	-23.87	2.02946G	-50.83	2.39984G	-47.76	2.4835G	-46.70	2.49002G	-38.30	23.39299G	-39.38	2
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44204G	9.45	-20.55	2.17389G	-52.82	2.39772G	-34.81	2.4G	-37.55	2.50384G	-49.32	16.84665G	-39.73	1
2412MHz	Pass	2.44204G	9.45	-20.55	2.01836G	-52.60	2.3998G	-30.39	2.4G	-34.42	2.50024G	-48.91	23.45193G	-39.38	2
2437MHz	Pass	2.44204G	9.45	-20.55	2.1238G	-52.66	2.39964G	-36.02	2.4G	-37.88	2.4845G	-36.46	24.78085G	-39.58	1
2437MHz	Pass	2.44204G	9.45	-20.55	2.12205G	-52.22	2.4G	-36.14	2.4G	-36.02	2.48356G	-37.48	16.29598G	-39.61	2
2462MHz	Pass	2.44204G	9.45	-20.55	2.30612G	-51.91	2.39888G	-49.78	2.4G	-49.65	2.48534G	-46.74	23.39574G	-39.14	1
2462MHz	Pass	2.44204G	9.45	-20.55	2.11885G	-51.84	2.39166G	-50.29	2.4835G	-50.74	2.4856G	-45.34	15.32387G	-39.51	2
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.42572G	3.43	-26.57	2.30683G	-52.10	2.39764G	-42.23	2.4G	-44.72	2.48698G	-49.54	24.34093G	-39.32	1
2422MHz	Pass	2.42572G	3.43	-26.57	2.13594G	-51.23	2.39808G	-43.65	2.4G	-45.95	2.4839G	-48.22	23.53602G	-39.05	2
2437MHz	Pass	2.42572G	3.43	-26.57	2.11161G	-51.04	2.39924G	-34.53	2.4G	-38.35	2.48762G	-36.44	24.09132G	-39.26	1
2437MHz	Pass	2.42572G	3.43	-26.57	2.30139G	-51.02	2.39924G	-32.96	2.4G	-38.64	2.4845G	-41.18	24.83734G	-39.11	2
2452MHz	Pass	2.42572G	3.43	-26.57	2.10102G	-52.43	2.3986G	-45.35	2.4835G	-44.52	2.49542G	-39.04	23.47151G	-39.98	1
2452MHz	Pass	2.42572G	3.43	-26.57	2.16085G	-51.78	2.39964G	-42.44	2.4835G	-42.03	2.48378G	-35.79	16.24977G	-37.93	2

VHT20-BF_Nss1,(MCS0)_2TX

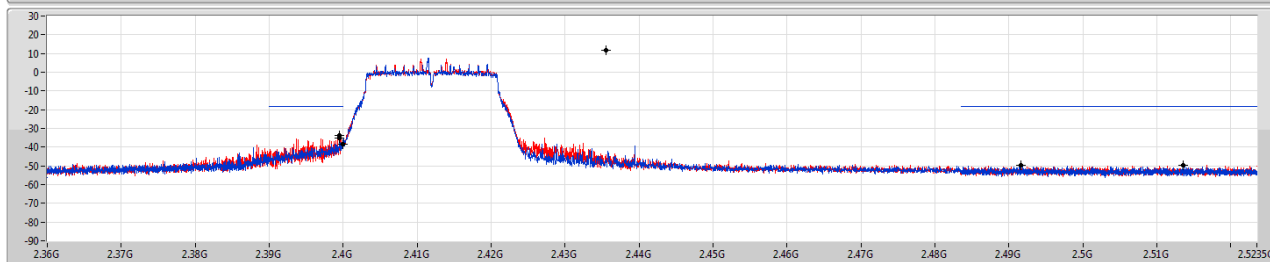
2412MHz

CSE NdB

25/11/2019



Port 1
Port 2



RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

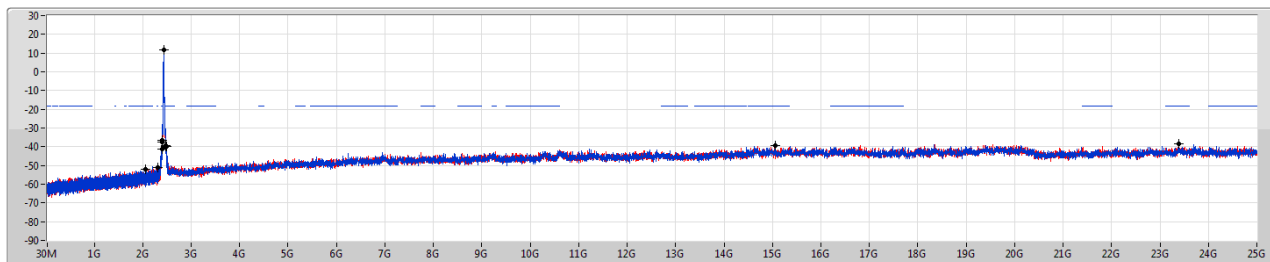
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43553G	11.88	-18.12	2.15321G	-52.35	2.39946G	-35.35	2.4G	-38.60	2.49162G	-49.92	24.00822G	-39.05	1
2.43553G	11.88	-18.12	2.11156G	-51.76	2.39952G	-33.58	2.4G	-38.36	2.51352G	-49.50	16.99275G	-39.12	2

VHT20-BF_Nss1,(MCS0)_2TX

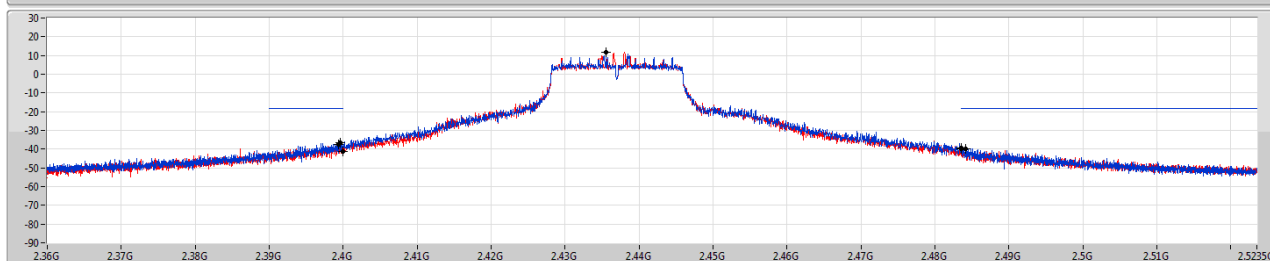
2437MHz

CSE NdB

25/11/2019



Port 1
Port 2



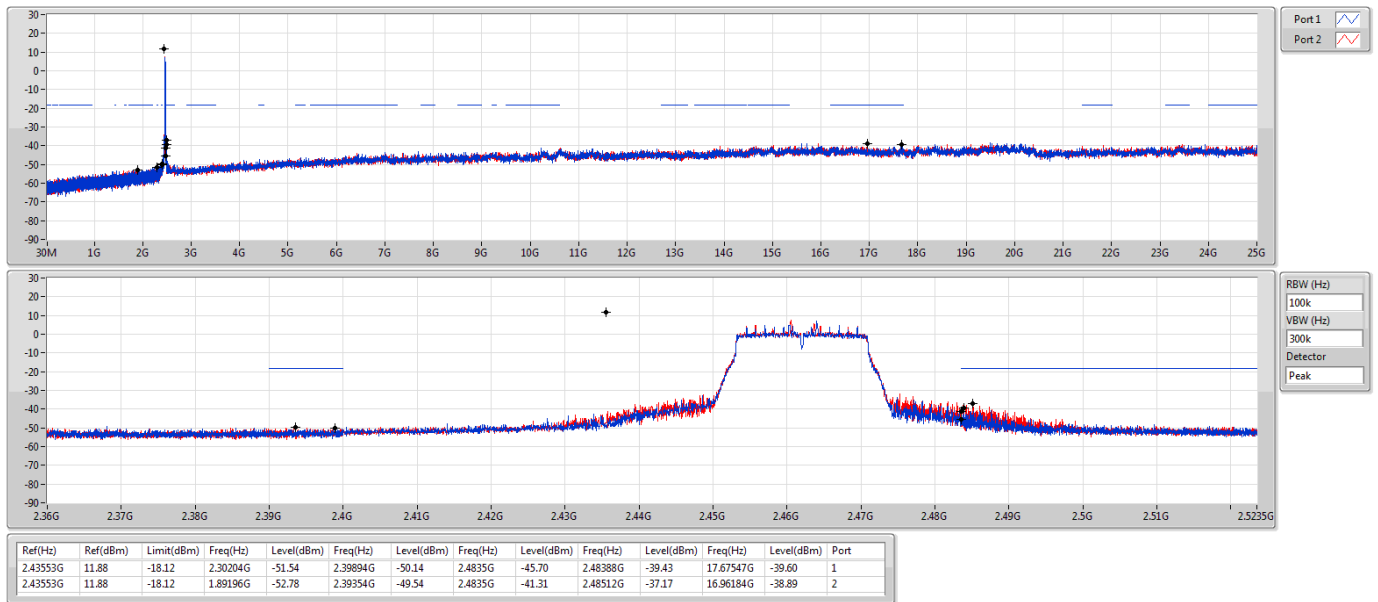
RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43553G	11.88	-18.12	2.30554G	-50.94	2.39962G	-36.51	2.4835G	-39.91	2.48352G	-39.19	15.05696G	-39.30	1
2.43553G	11.88	-18.12	2.06438G	-52.03	2.39932G	-37.32	2.4G	-41.03	2.48416G	-39.98	23.39293G	-38.44	2

VHT20-BF_Nss1,(MCS0)_2TX

2462MHz

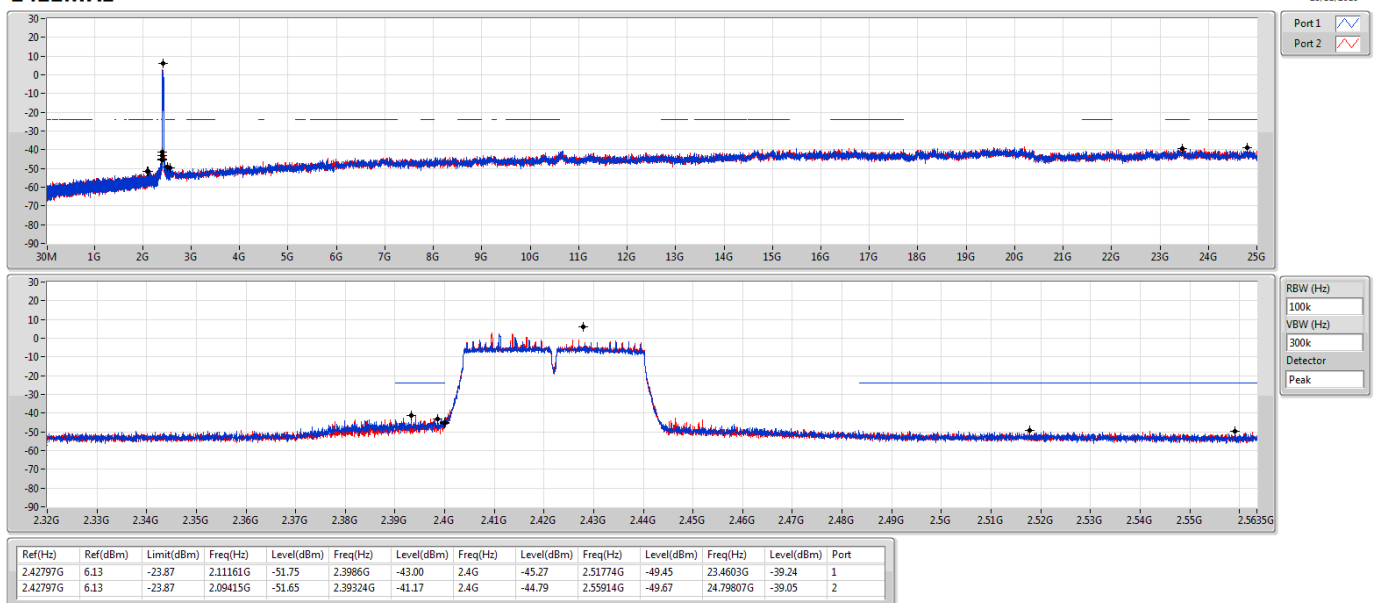
CSE NdB



VHT40-BF_Nss1,(MCS0)_2TX

2422MHz

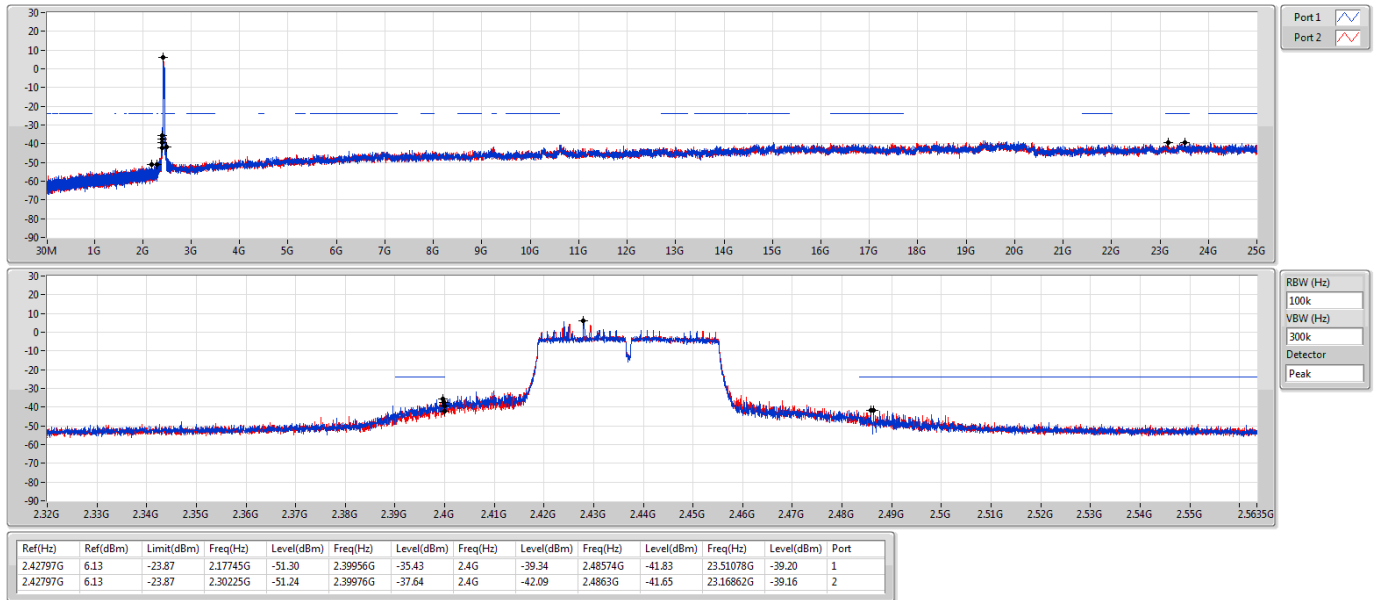
CSE NdB



VHT40-BF_Nss1,(MCS0)_2TX

2437MHz

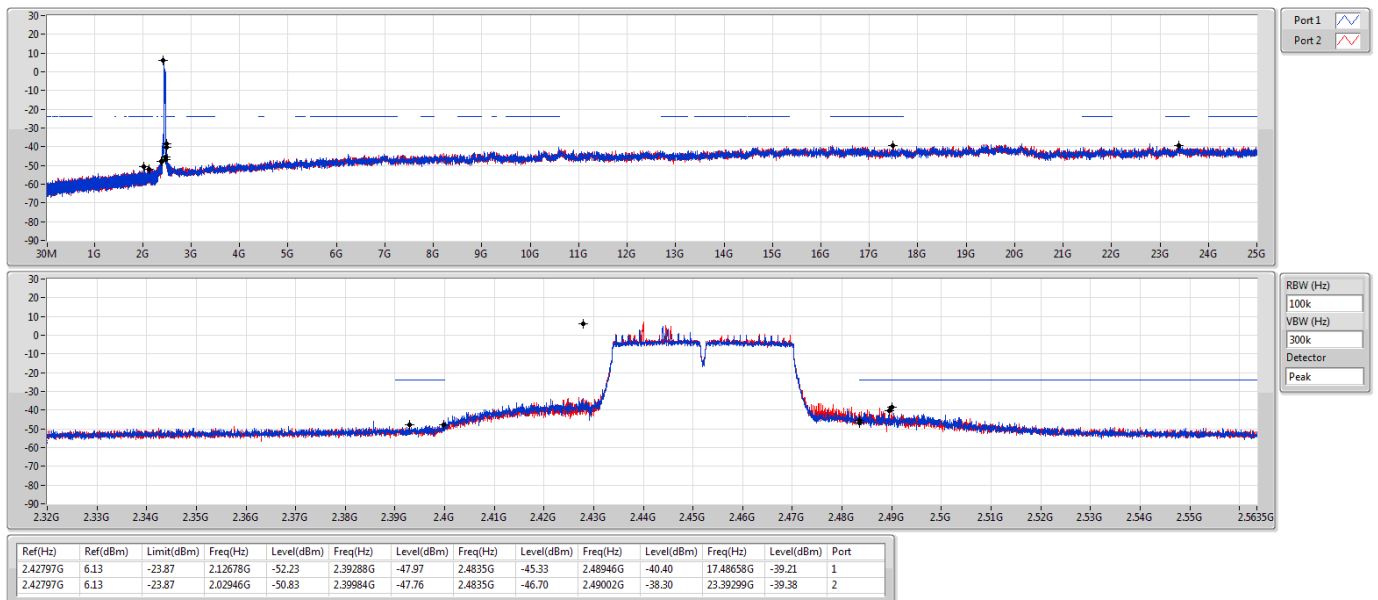
CSE NdB



VHT40-BF_Nss1,(MCS0)_2TX

2452MHz

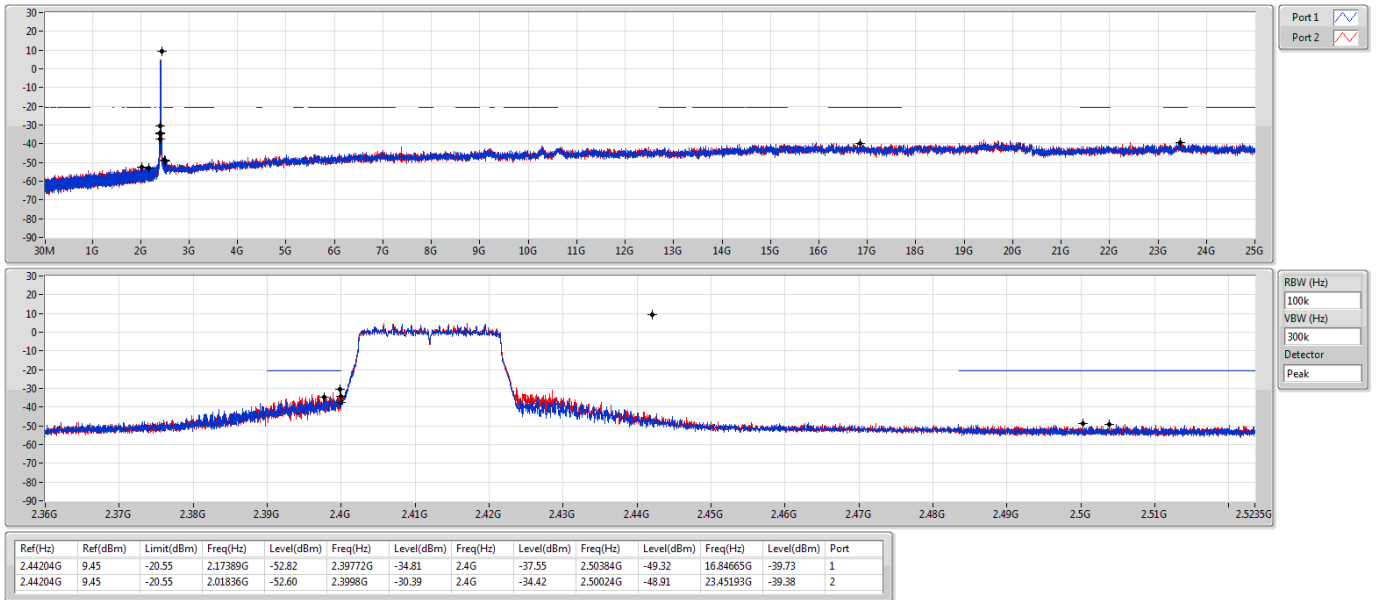
CSE NdB



802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2412MHz

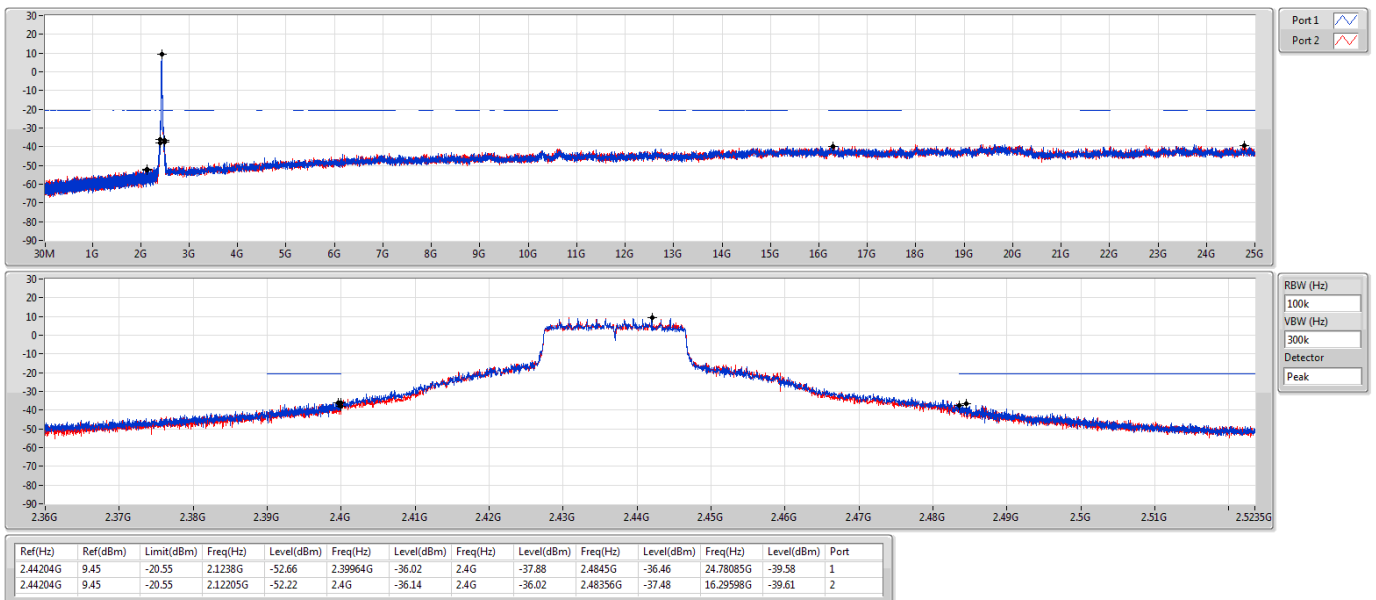
CSE NdB



802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2437MHz

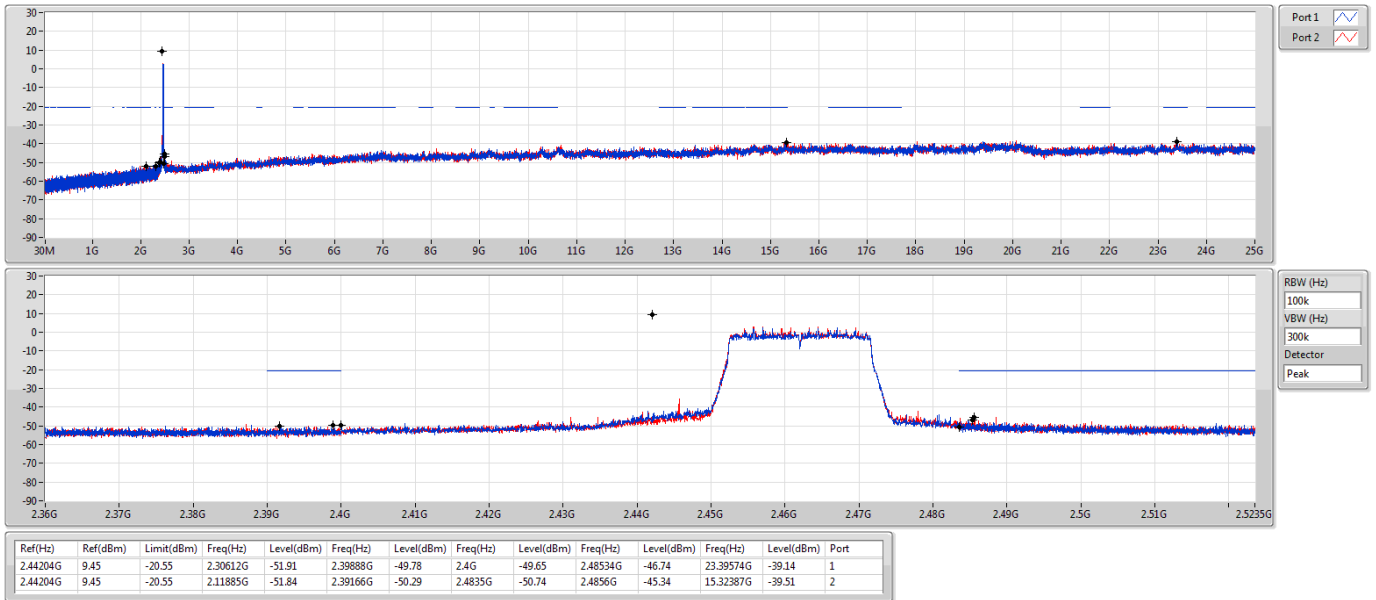
CSE NdB



802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2462MHz

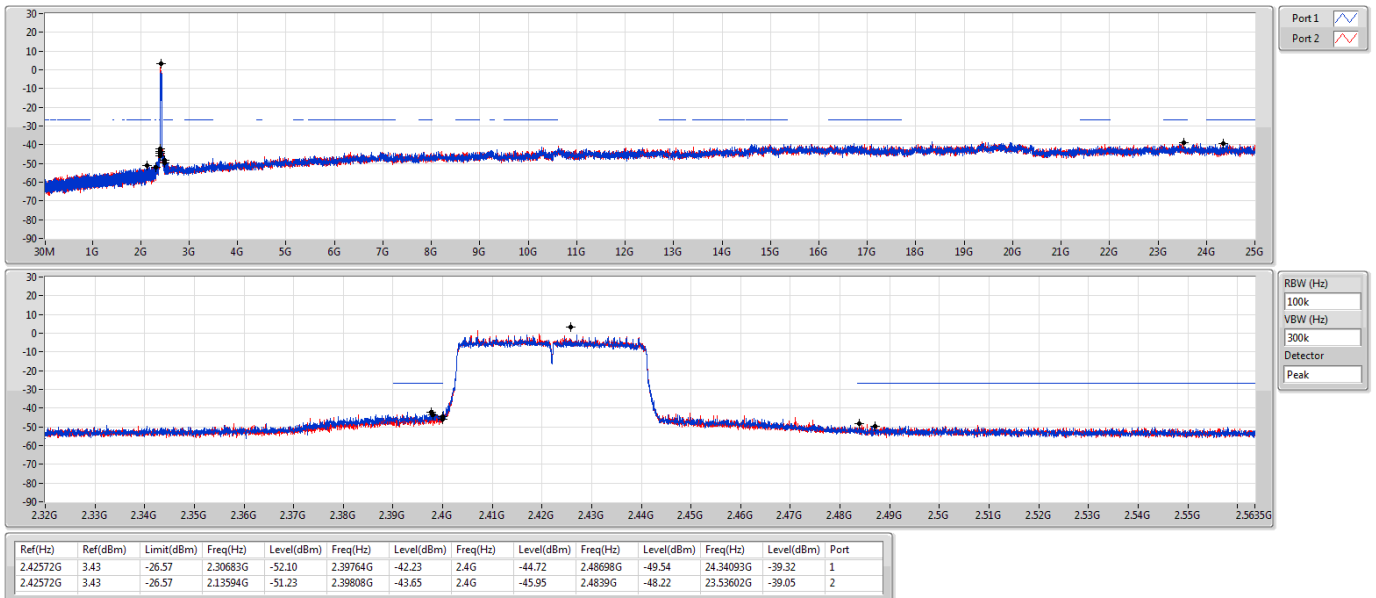
CSE NdB



802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2422MHz

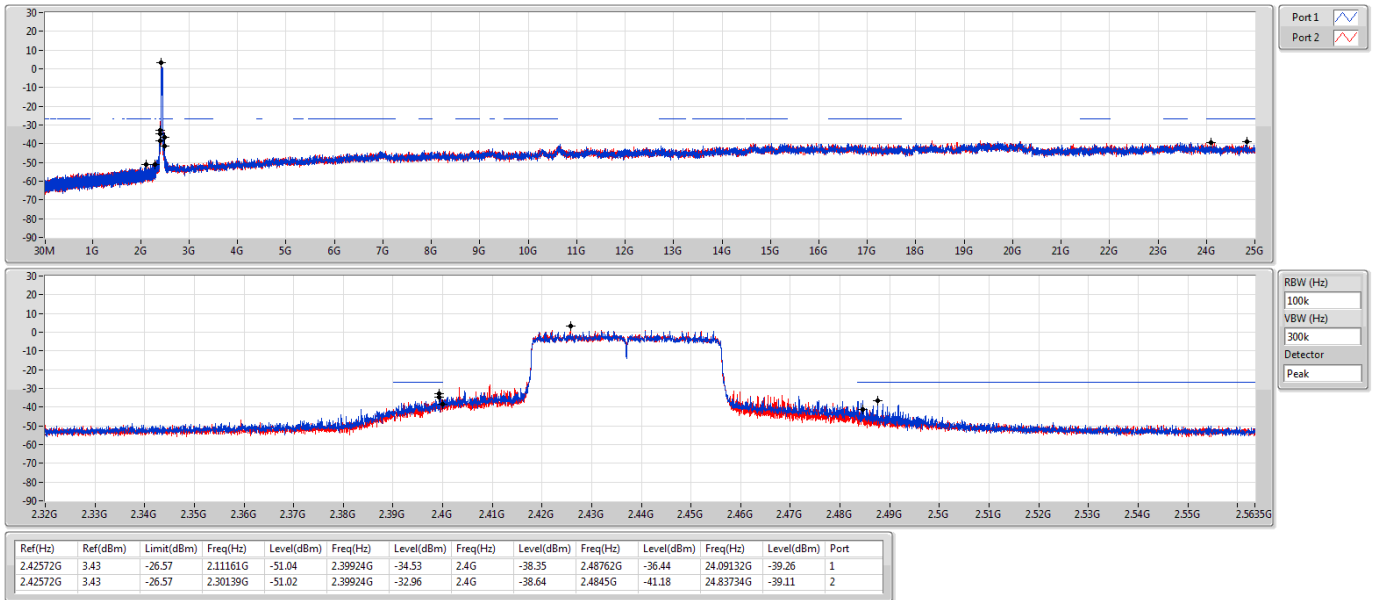
CSE NdB



802.11ax HEW40-BF_Nss1,(MCS0)_2TX

CSE NdB

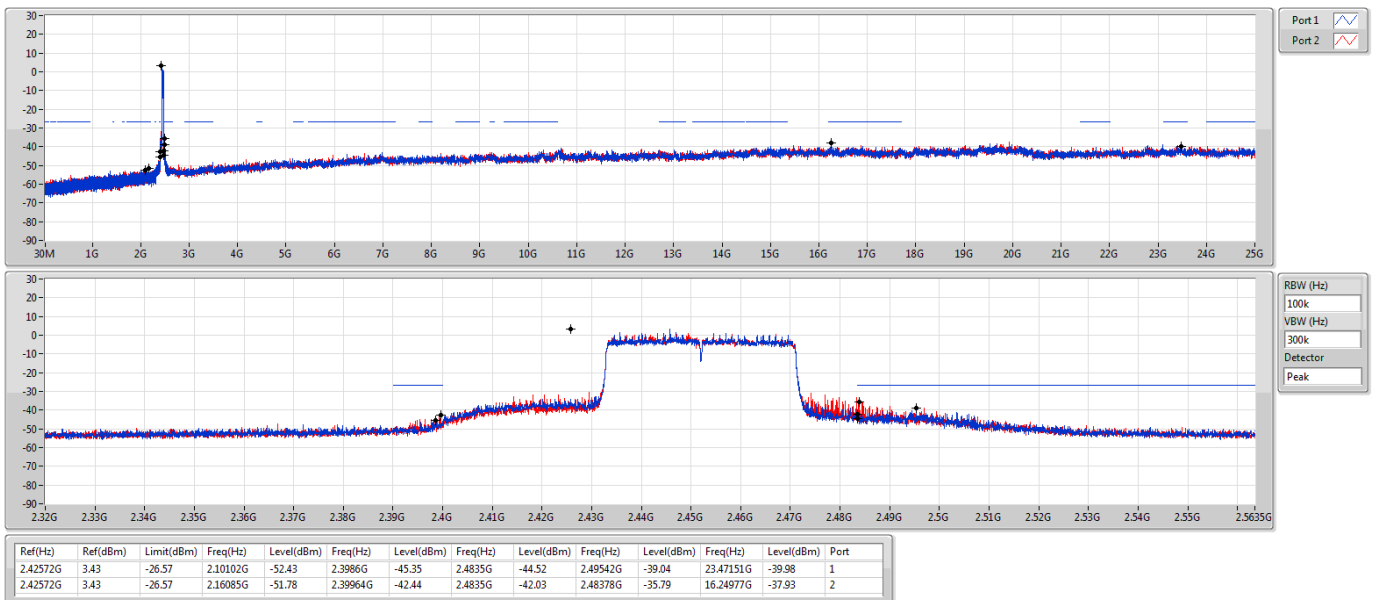
2437MHz



802.11ax HEW40-BF_Nss1,(MCS0)_2TX

CSE NdB

2452MHz





CSE(Non-restricted Band) _Beamforming_Sample 2_ Radio 1_
Omni_2T1S

Appendix E.10

Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VHT20-BF_Nss1,(MCS0)_2TX	Pass	2.43849G	10.08	-19.92	2.10312G	-51.97	2.39946G	-36.78	2.4G	-42.39	2.48458G	-49.10	17.26246G	-39.37	1
VHT40-BF_Nss1,(MCS0)_2TX	Pass	2.42597G	3.23	-26.77	2.16915G	-52.55	2.39952G	-44.45	2.4G	-48.29	2.48354G	-49.19	23.37896G	-39.25	1
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	Pass	2.43954G	7.79	-22.21	2.30728G	-51.48	2.39392G	-38.06	2.4G	-42.72	2.48614G	-49.20	15.31825G	-38.91	1
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	Pass	2.43077G	-0.16	-30.16	2.17001G	-52.42	2.39924G	-42.19	2.4G	-48.29	2.48942G	-47.05	14.97369G	-39.09	1

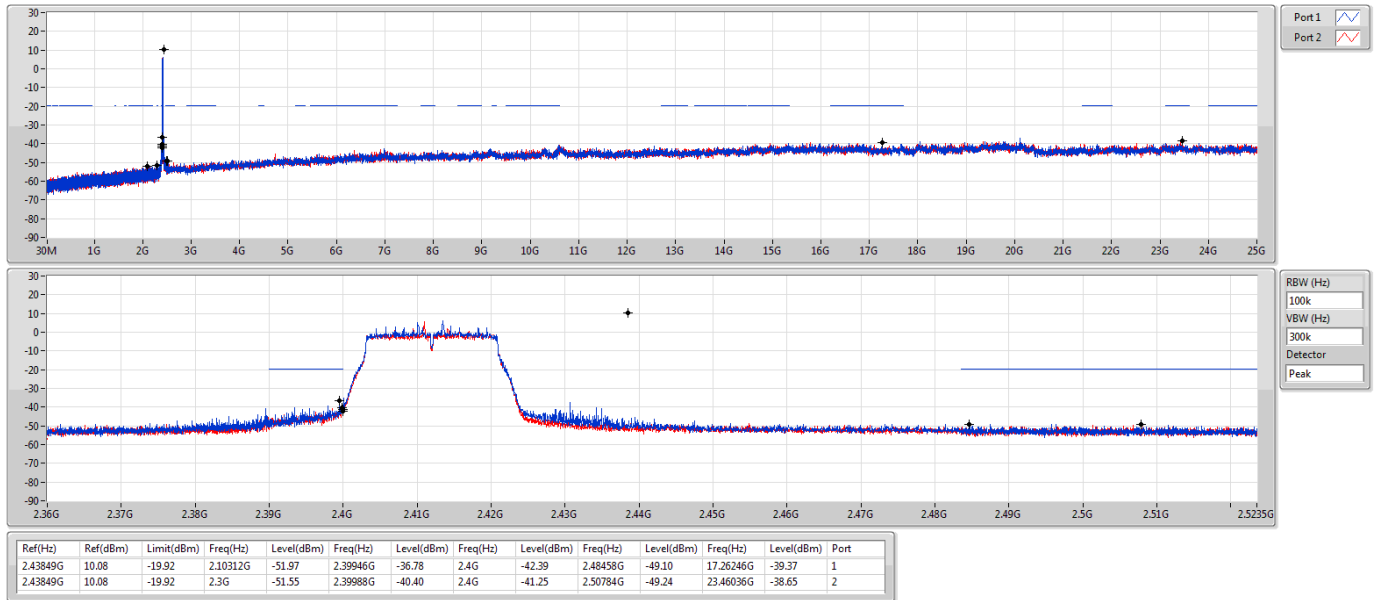
Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43849G	10.08	-19.92	2.10312G	-51.97	2.39946G	-36.78	2.4G	-42.39	2.48458G	-49.10	17.26246G	-39.37	1
2412MHz	Pass	2.43849G	10.08	-19.92	2.3G	-51.55	2.39988G	-40.40	2.4G	-41.25	2.50784G	-49.24	23.46036G	-38.65	2
2437MHz	Pass	2.43849G	10.08	-19.92	2.17418G	-51.53	2.39762G	-39.67	2.4G	-44.71	2.48546G	-44.10	24.74714G	-39.17	1
2437MHz	Pass	2.43849G	10.08	-19.92	2.10545G	-51.02	2.39798G	-42.79	2.4G	-45.84	2.4867G	-43.90	23.42945G	-39.35	2
2462MHz	Pass	2.43849G	10.08	-19.92	2.11972G	-52.03	2.3959G	-51.28	2.4835G	-52.17	2.4875G	-48.57	14.91086G	-39.20	1
2462MHz	Pass	2.43849G	10.08	-19.92	2.07137G	-51.91	2.39416G	-50.40	2.4835G	-51.14	2.50444G	-48.29	23.3845G	-38.36	2
VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.42597G	3.23	-26.77	2.30311G	-51.88	2.39588G	-47.44	2.4G	-48.74	2.55594G	-49.87	24.756G	-39.36	1
2422MHz	Pass	2.42597G	3.23	-26.77	2.08556G	-51.53	2.39996G	-47.81	2.4G	-48.68	2.50098G	-50.19	23.39018G	-38.73	2
2437MHz	Pass	2.42597G	3.23	-26.77	2.16915G	-52.55	2.39952G	-44.45	2.4G	-48.29	2.48354G	-49.19	23.37896G	-39.25	1
2437MHz	Pass	2.42597G	3.23	-26.77	2.30826G	-51.54	2.39948G	-46.35	2.4G	-45.67	2.48362G	-49.53	15.34109G	-39.47	2
2452MHz	Pass	2.43849G	10.08	-19.92	2.30826G	-51.89	2.39704G	-49.47	2.4835G	-50.17	2.48698G	-47.37	24.1418G	-39.54	1
2452MHz	Pass	2.43849G	10.08	-19.92	2.30597G	-52.51	2.3958G	-50.24	2.4835G	-48.65	2.49338G	-47.18	24.75039G	-39.17	2
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43954G	7.79	-22.21	2.30728G	-51.48	2.39392G	-38.06	2.4G	-42.72	2.48614G	-49.20	15.31825G	-38.91	1
2412MHz	Pass	2.43954G	7.79	-22.21	2.19108G	-51.59	2.3965G	-43.27	2.4G	-41.83	2.48702G	-49.65	16.22574G	-39.56	2
2437MHz	Pass	2.43954G	7.79	-22.21	2.12059G	-51.93	2.39644G	-39.78	2.4G	-41.53	2.48708G	-41.90	16.79046G	-39.41	1
2437MHz	Pass	2.43954G	7.79	-22.21	2.3067G	-52.19	2.39988G	-41.64	2.4G	-41.56	2.48522G	-42.38	23.14569G	-38.88	2
2462MHz	Pass	2.43954G	7.79	-22.21	2.07428G	-51.66	2.39596G	-49.89	2.4835G	-51.55	2.48634G	-48.50	16.21731G	-38.24	1
2462MHz	Pass	2.43954G	7.79	-22.21	1.9671G	-52.46	2.39524G	-50.57	2.4835G	-50.37	2.48886G	-49.16	16.77922G	-38.86	2
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43077G	-0.16	-30.16	2.18231G	-52.17	2.39996G	-46.90	2.4G	-44.16	2.48602G	-48.97	17.44451G	-39.36	1
2422MHz	Pass	2.43077G	-0.16	-30.16	2.15741G	-52.40	2.39432G	-48.27	2.4G	-47.45	2.5071G	-49.81	23.4014G	-39.68	2
2437MHz	Pass	2.43077G	-0.16	-30.16	2.17001G	-52.42	2.39924G	-42.19	2.4G	-48.29	2.48942G	-47.05	14.97369G	-39.09	1
2437MHz	Pass	2.43077G	-0.16	-30.16	1.82994G	-51.77	2.39716G	-46.46	2.4G	-48.57	2.48398G	-49.10	21.7439G	-38.70	2
2452MHz	Pass	2.43849G	10.08	-19.92	2.12335G	-52.10	2.39844G	-49.75	2.4835G	-49.38	2.4879G	-45.18	23.47432G	-39.03	1
2452MHz	Pass	2.43849G	10.08	-19.92	2.14081G	-51.48	2.39912G	-49.31	2.4835G	-48.05	2.48994G	-46.57	14.96808G	-40.12	2

VHT20-BF_Nss1,(MCS0)_2TX

CSE NdB

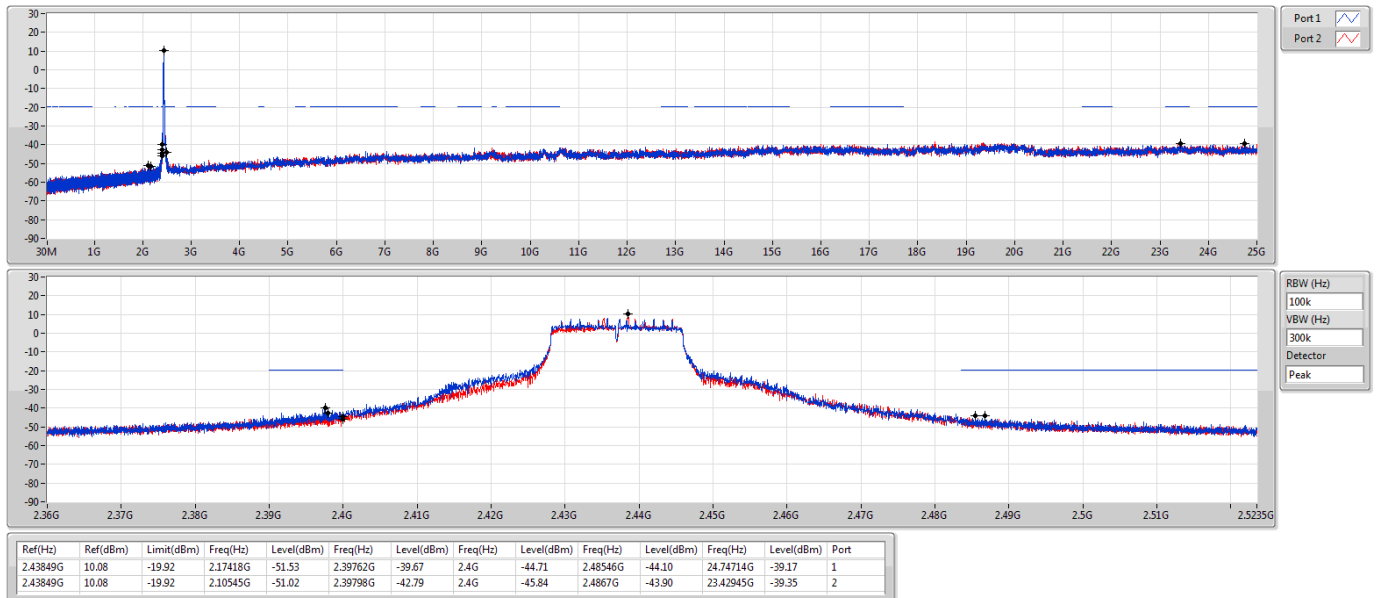
2412MHz



VHT20-BF_Nss1,(MCS0)_2TX

CSE NdB

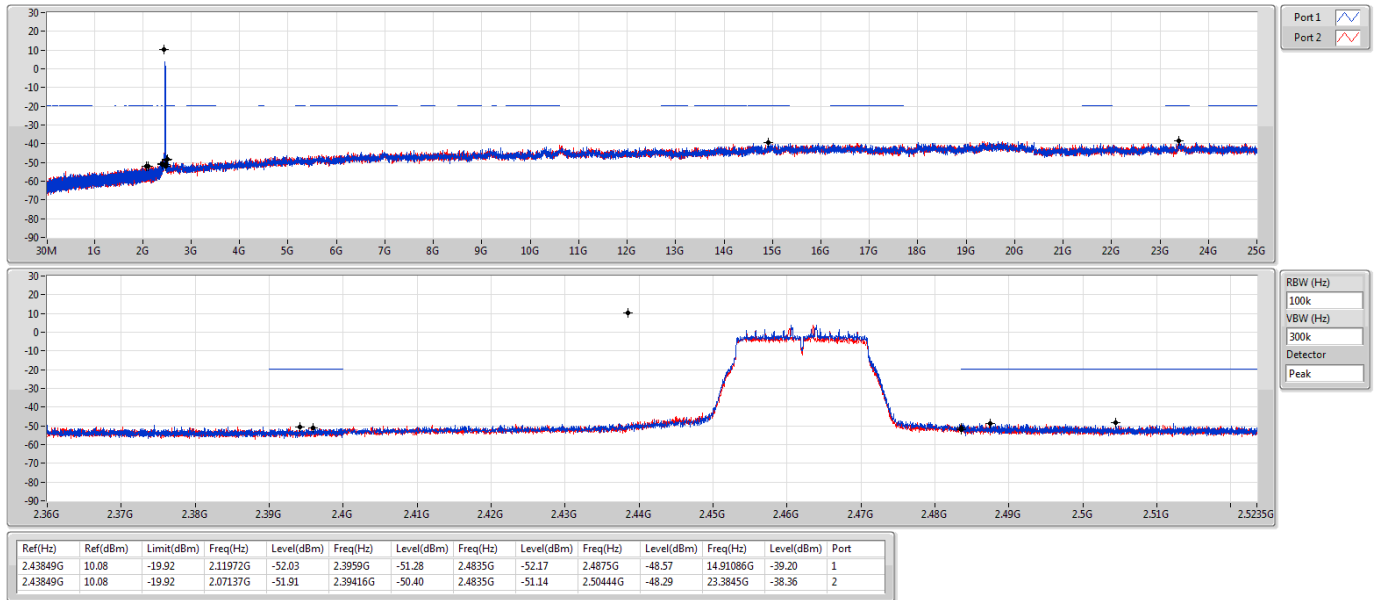
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VHT20-BF_Nss1,(MCS0)_2TX

2462MHz

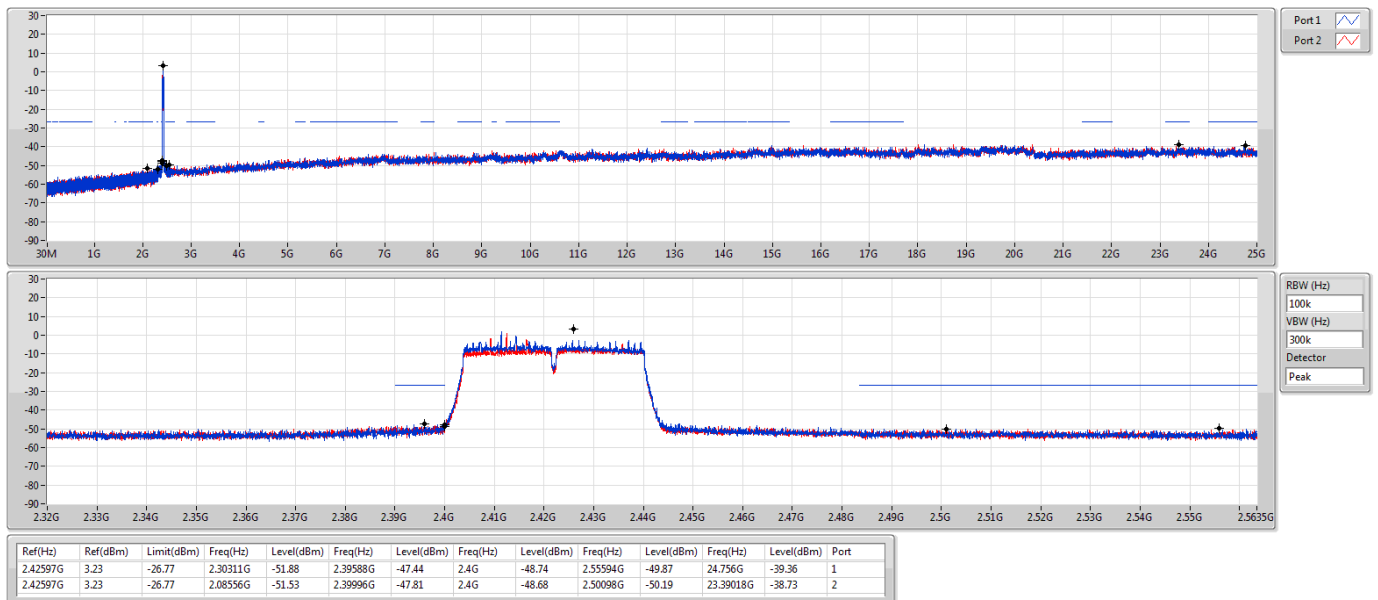
CSE NdB



VHT40-BF_Nss1,(MCS0)_2TX

2422MHz

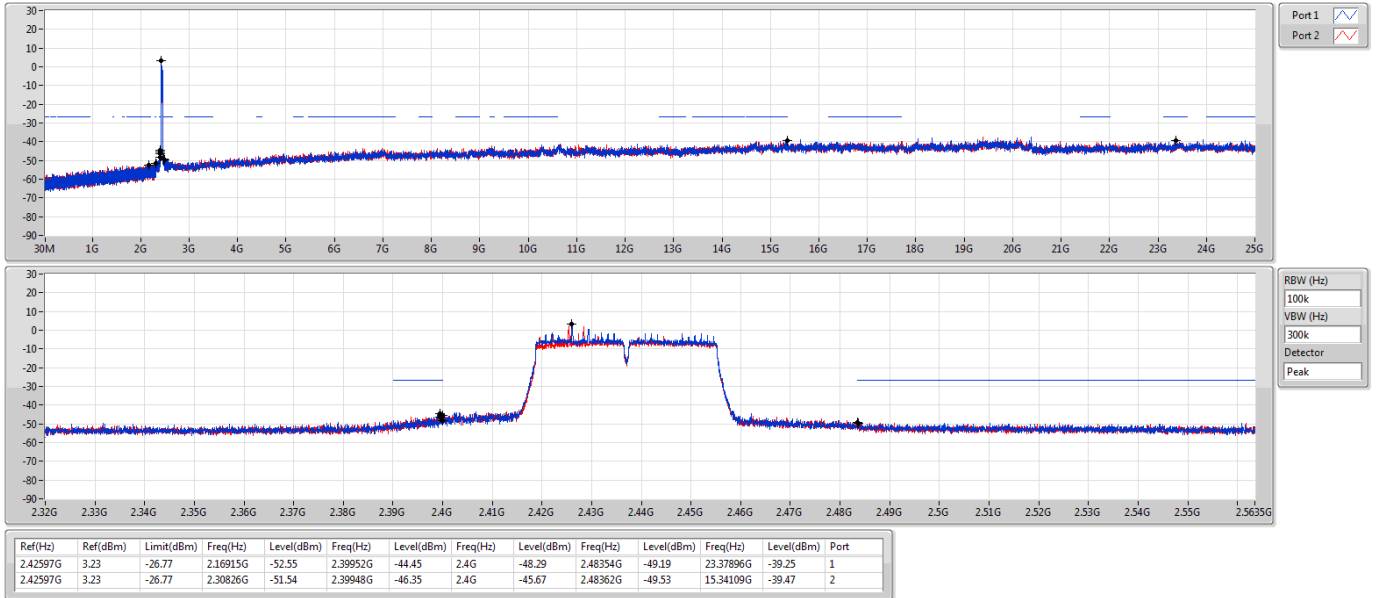
CSE NdB



VHT40-BF_Nss1,(MCS0)_2TX

2437MHz

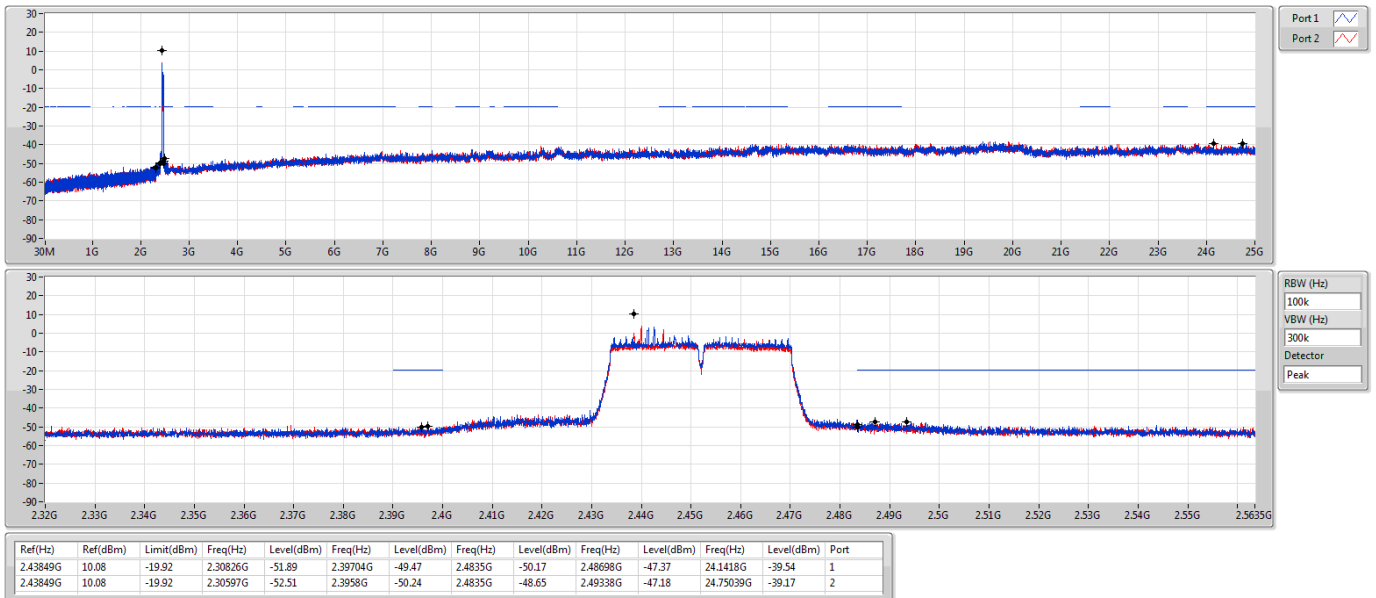
CSE NdB



VHT40-BF_Nss1,(MCS0)_2TX

2452MHz

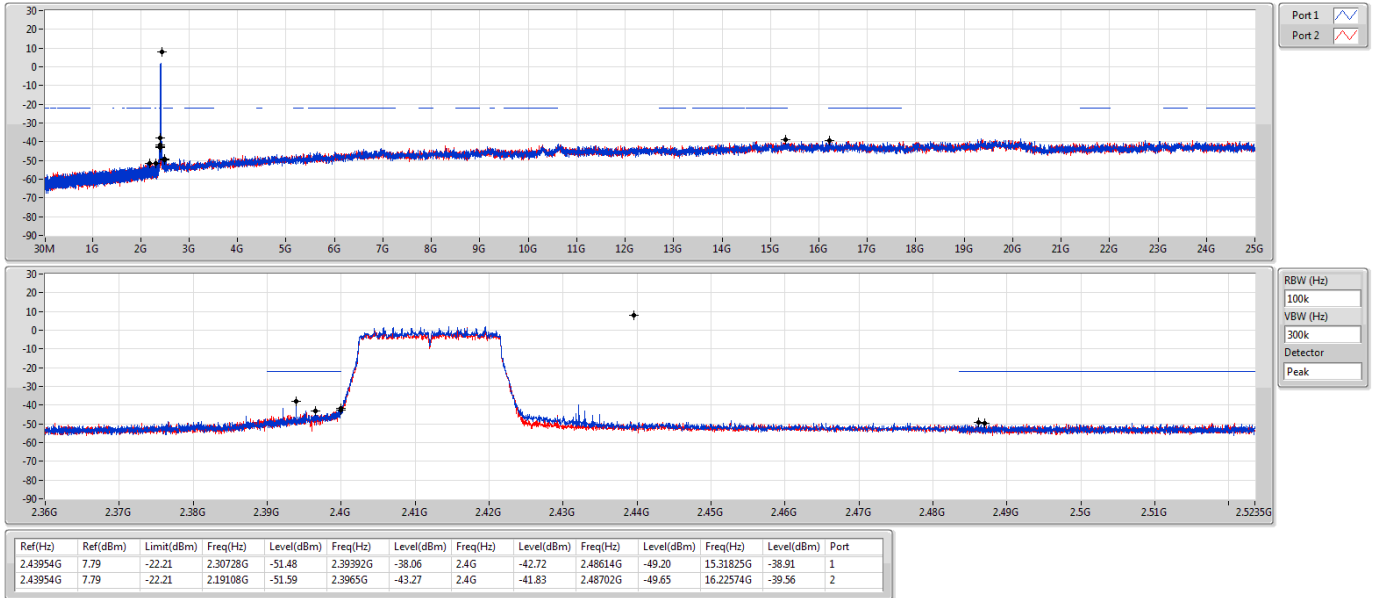
CSE NdB



802.11ax HEW20-BF_Nss1,(MCS0)_2TX

CSE NdB

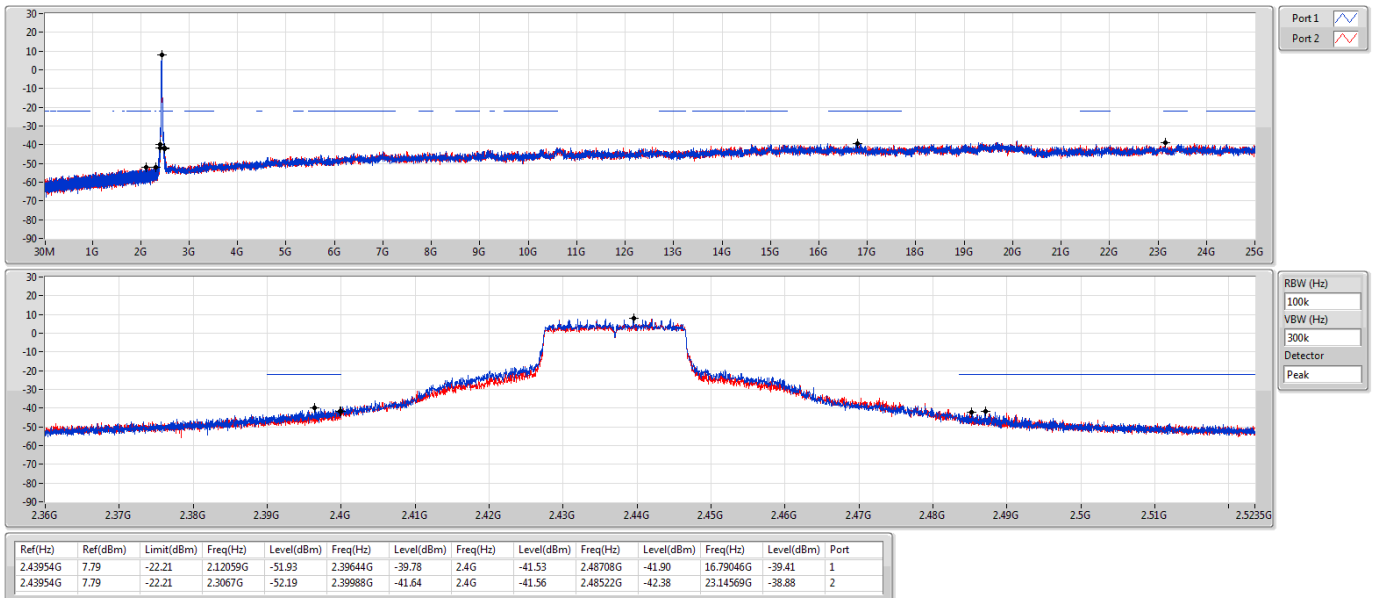
2412MHz



802.11ax HEW20-BF_Nss1,(MCS0)_2TX

CSE NdB

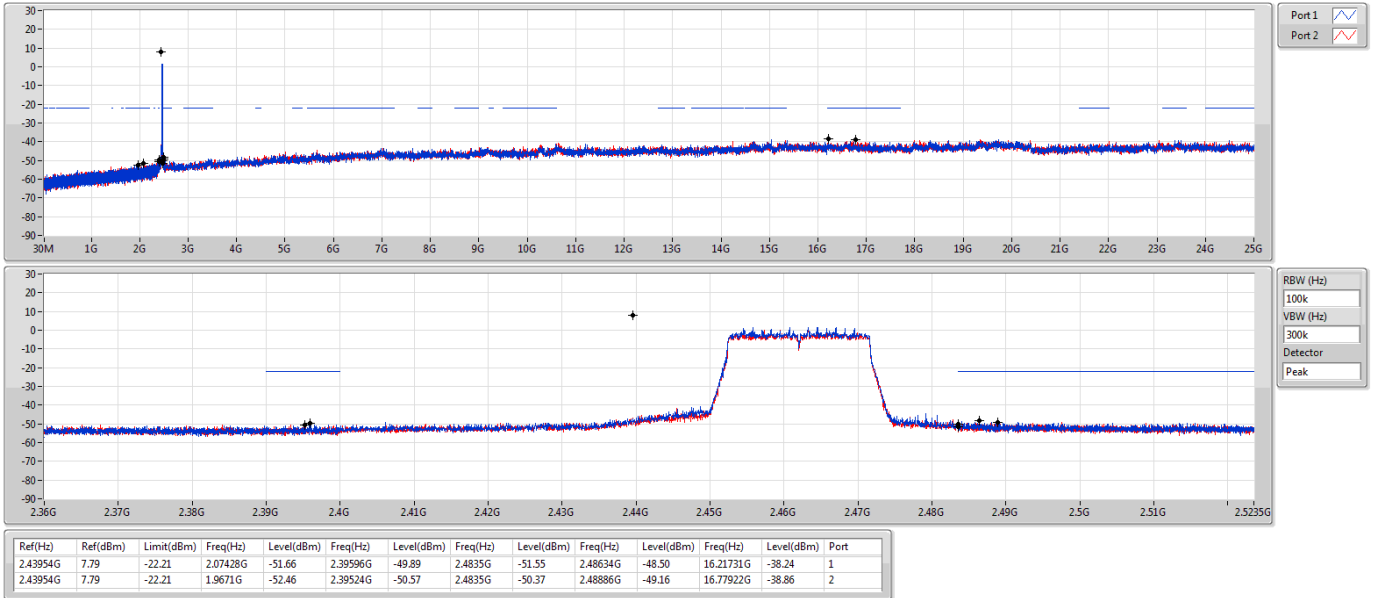
2437MHz



802.11ax HEW20-BF_Nss1,(MCS0)_2TX

CSE NdB

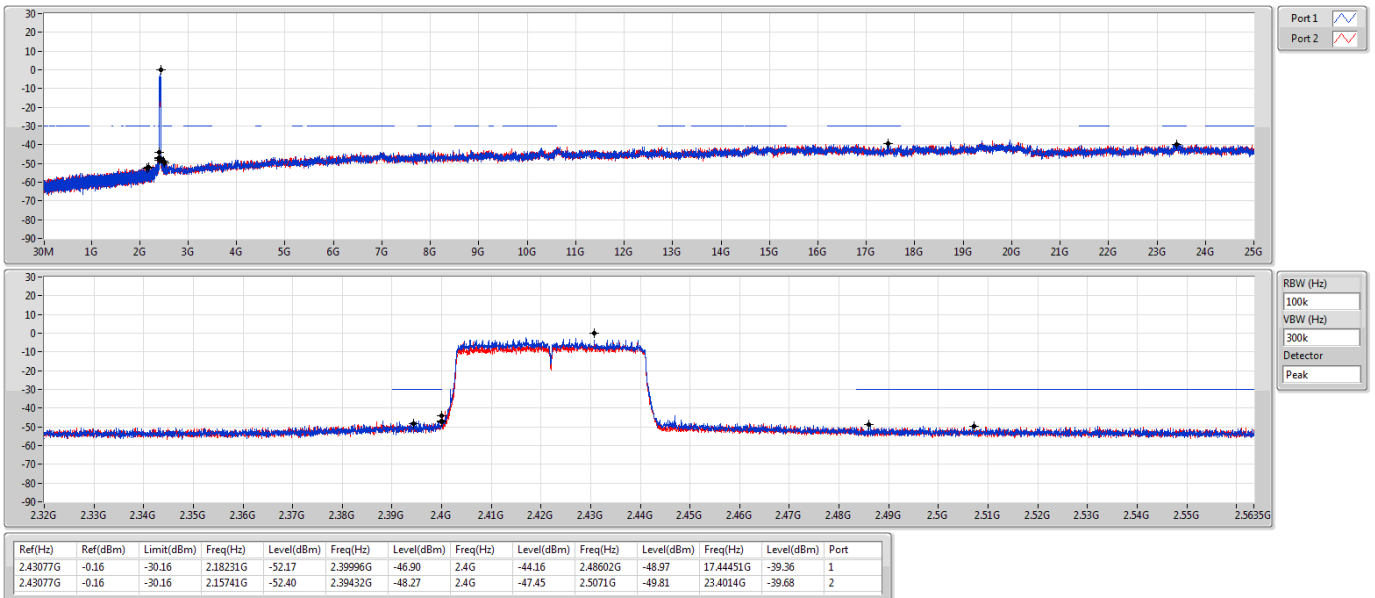
2462MHz



802.11ax HEW40-BF_Nss1,(MCS0)_2TX

CSE NdB

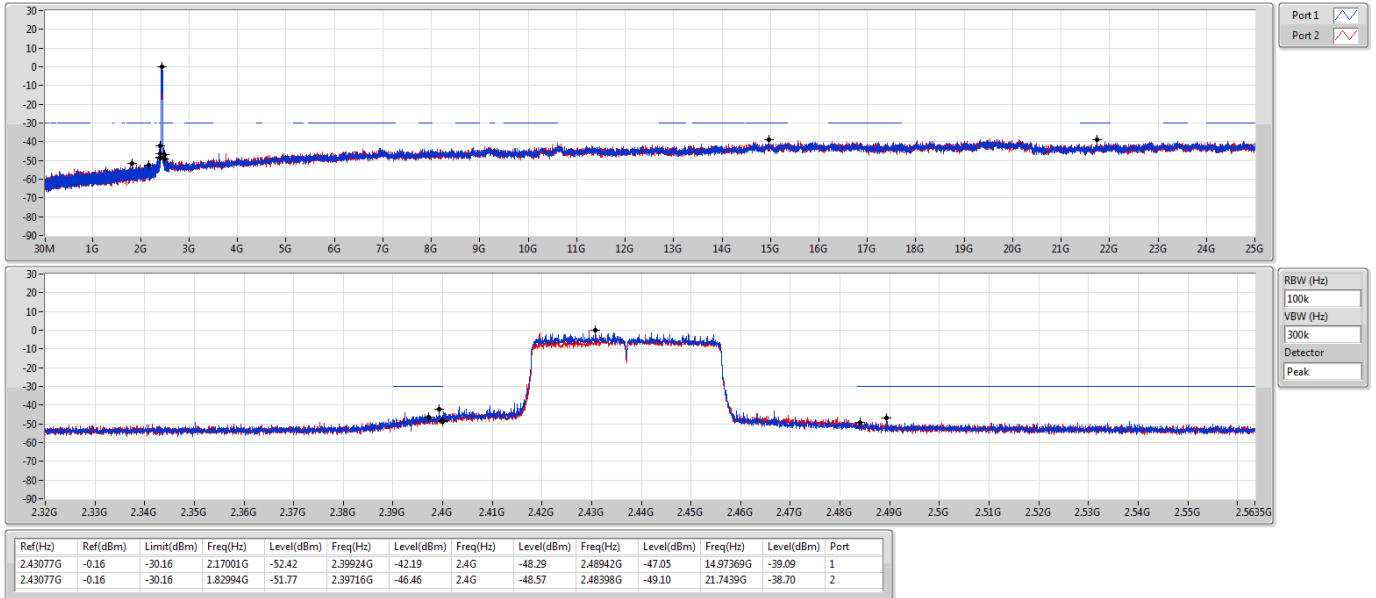
2422MHz



802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2437MHz

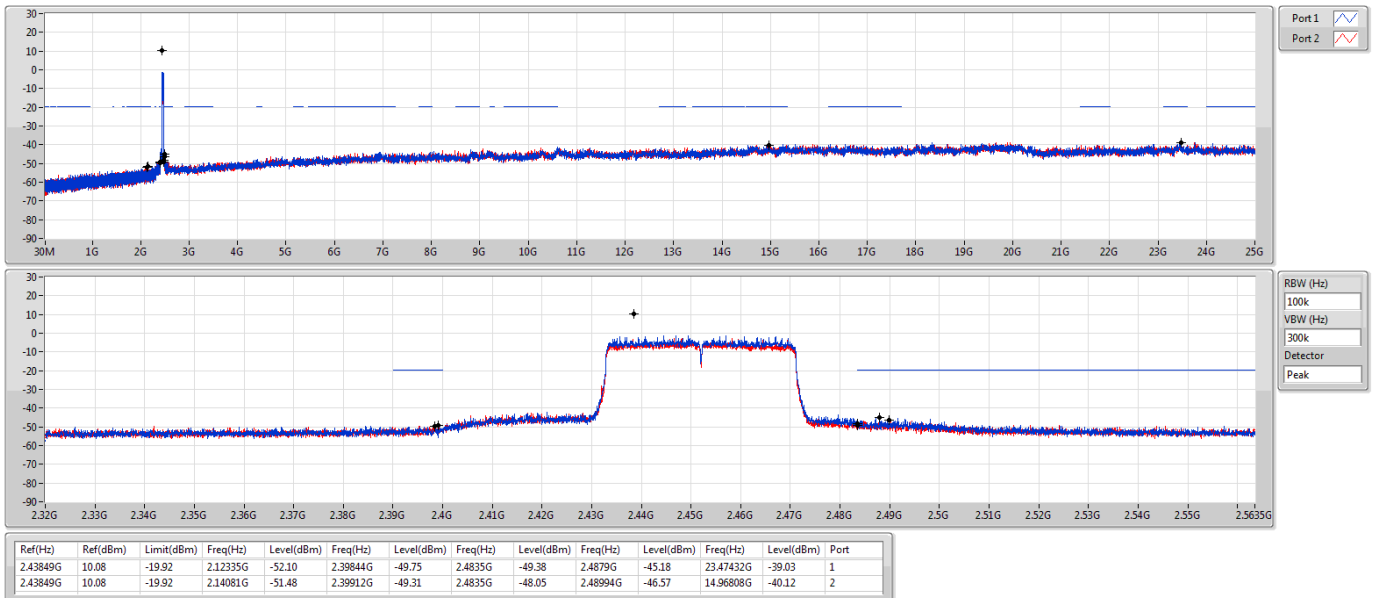
CSE NdB



802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2452MHz

CSE NdB





**CSE(Non-restricted Band) _Beamforming_Sample 2_Radio 1_
Panel 1_2T1S**

Appendix E.11

Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VHT20-BF_Nss1,(MCS0)_2TX	Pass	2.43749G	9.82	-20.18	2.18263G	-52.46	2.39766G	-39.85	2.4G	-44.56	2.48868G	-49.56	14.71419G	-38.93	1
VHT40-BF_Nss1,(MCS0)_2TX	Pass	2.42772G	2.21	-27.79	2.13108G	-52.59	2.39952G	-43.41	2.4G	-48.07	2.49518G	-49.03	14.9821G	-39.64	1
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	Pass	2.43073G	6.73	-23.27	2.19865G	-51.73	2.4G	-42.69	2.4G	-42.26	2.49732G	-48.96	23.37888G	-38.02	1
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	Pass	2.442G	0.30	-29.70	2.16457G	-52.54	2.39924G	-36.86	2.4G	-42.25	2.48386G	-46.02	23.522G	-38.26	2

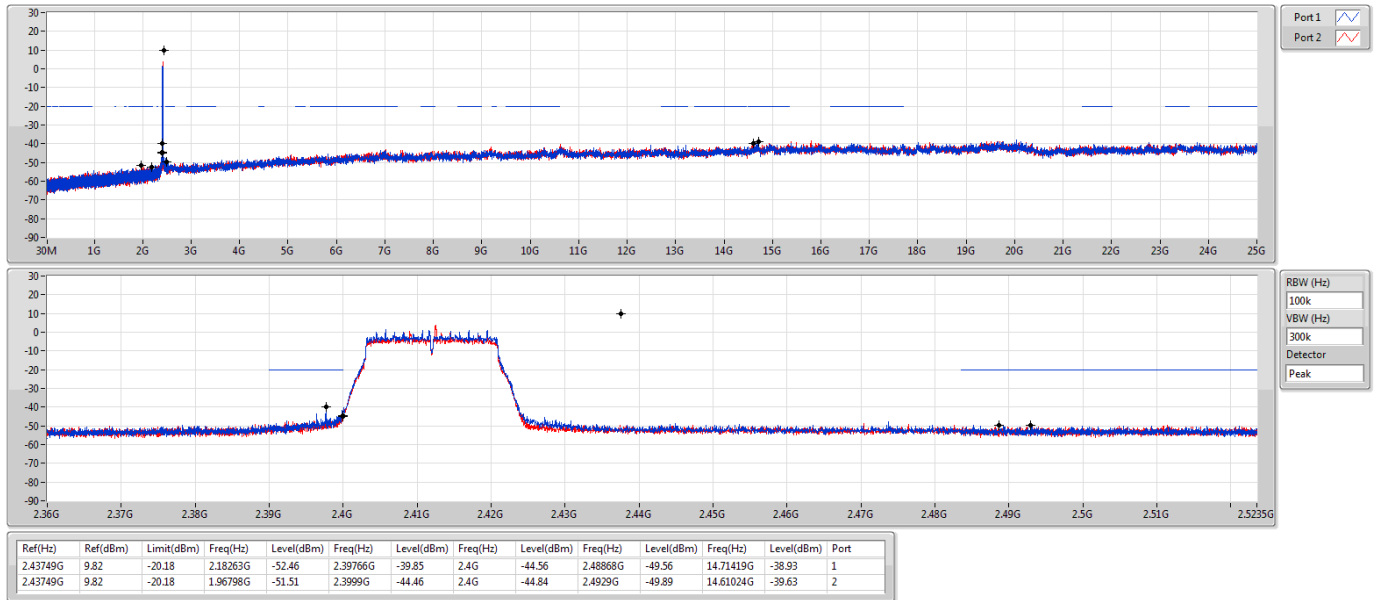
Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43749G	9.82	-20.18	2.18263G	-52.46	2.39766G	-39.85	2.4G	-44.56	2.48868G	-49.56	14.71419G	-38.93	1
2412MHz	Pass	2.43749G	9.82	-20.18	1.96798G	-51.51	2.3999G	-44.46	2.4G	-44.84	2.4929G	-49.89	14.61024G	-39.63	2
2437MHz	Pass	2.43749G	9.82	-20.18	2.30991G	-51.32	2.39448G	-42.90	2.4G	-46.45	2.48988G	-45.39	24.51676G	-39.36	1
2437MHz	Pass	2.43749G	9.82	-20.18	2.16981G	-52.77	2.3983G	-44.32	2.4G	-47.50	2.48768G	-47.06	23.58679G	-39.23	2
2462MHz	Pass	2.43749G	9.82	-20.18	2.30728G	-52.33	2.39174G	-50.20	2.4835G	-52.58	2.50794G	-48.62	23.40979G	-39.69	1
2462MHz	Pass	2.43749G	9.82	-20.18	2.00147G	-51.49	2.39226G	-50.63	2.4835G	-52.25	2.50822G	-48.47	16.58255G	-38.08	2
VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.42772G	2.21	-27.79	2.30941G	-52.34	2.39852G	-48.98	2.4G	-50.02	2.48418G	-49.96	17.65205G	-39.44	1
2422MHz	Pass	2.42772G	2.21	-27.79	2.18203G	-50.67	2.3982G	-48.57	2.4G	-49.64	2.5411G	-49.26	23.39579G	-39.38	2
2437MHz	Pass	2.42772G	2.21	-27.79	2.13108G	-52.59	2.39952G	-43.41	2.4G	-48.07	2.49518G	-49.03	14.9821G	-39.64	1
2437MHz	Pass	2.42772G	2.21	-27.79	2.19834G	-52.19	2.39956G	-45.58	2.4G	-48.02	2.51818G	-48.94	15.19525G	-38.81	2
2452MHz	Pass	2.43849G	10.08	-19.92	1.98595G	-51.76	2.39956G	-49.23	2.4835G	-49.58	2.48878G	-46.28	23.42103G	-39.78	1
2452MHz	Pass	2.43849G	10.08	-19.92	2.12363G	-52.03	2.39448G	-49.45	2.4835G	-50.63	2.48922G	-45.98	16.38999G	-39.68	2
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43073G	6.73	-23.27	2.19865G	-51.73	2.4G	-42.69	2.4G	-42.26	2.49732G	-48.96	23.37888G	-38.02	1
2412MHz	Pass	2.43073G	6.73	-23.27	2.12787G	-51.98	2.39978G	-45.17	2.4G	-45.61	2.5112G	-49.66	16.85508G	-38.69	2
2437MHz	Pass	2.43073G	6.73	-23.27	2.12088G	-52.11	2.39966G	-42.90	2.4G	-46.71	2.48366G	-43.78	16.74831G	-38.73	1
2437MHz	Pass	2.43073G	6.73	-23.27	2.19282G	-51.22	2.39994G	-44.10	2.4G	-44.19	2.48394G	-44.46	16.88879G	-38.82	2
2462MHz	Pass	2.43073G	6.73	-23.27	2.15321G	-52.41	2.39552G	-49.94	2.4835G	-52.49	2.4859G	-48.78	16.7736G	-39.07	1
2462MHz	Pass	2.43073G	6.73	-23.27	2.3035G	-52.06	2.3986G	-50.93	2.4G	-53.44	2.5026G	-48.82	16.57131G	-39.12	2
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.442G	0.30	-29.70	2.15283G	-51.20	2.39448G	-46.06	2.4G	-48.11	2.49046G	-48.16	16.30586G	-39.13	1
2422MHz	Pass	2.442G	0.30	-29.70	2.15197G	-52.48	2.39448G	-46.14	2.4835G	-51.00	2.4875G	-49.64	23.38457G	-39.19	2
2437MHz	Pass	2.442G	0.30	-29.70	2.30855G	-51.85	2.39936G	-38.64	2.4G	-42.04	2.4847G	-41.78	21.97107G	-39.31	1
2437MHz	Pass	2.442G	0.30	-29.70	2.16457G	-52.54	2.39924G	-36.86	2.4G	-42.25	2.48386G	-46.02	23.522G	-38.26	2
2452MHz	Pass	2.43849G	10.08	-19.92	1.91524G	-52.43	2.39984G	-49.91	2.4835G	-49.08	2.4935G	-44.97	15.19525G	-39.16	1
2452MHz	Pass	2.43849G	10.08	-19.92	2.14138G	-51.28	2.39996G	-47.73	2.4835G	-49.21	2.48618G	-46.81	23.44347G	-39.87	2

VHT20-BF_Nss1,(MCS0)_2TX

CSE NdB

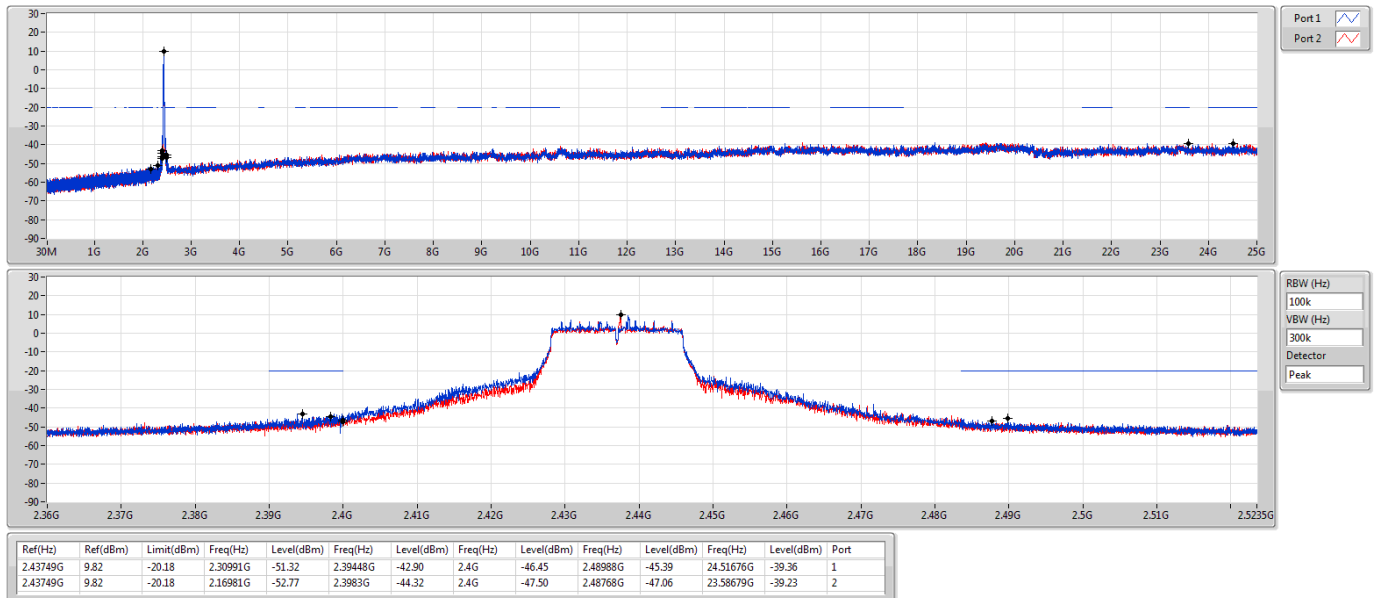
2412MHz



VHT20-BF_Nss1,(MCS0)_2TX

CSE NdB

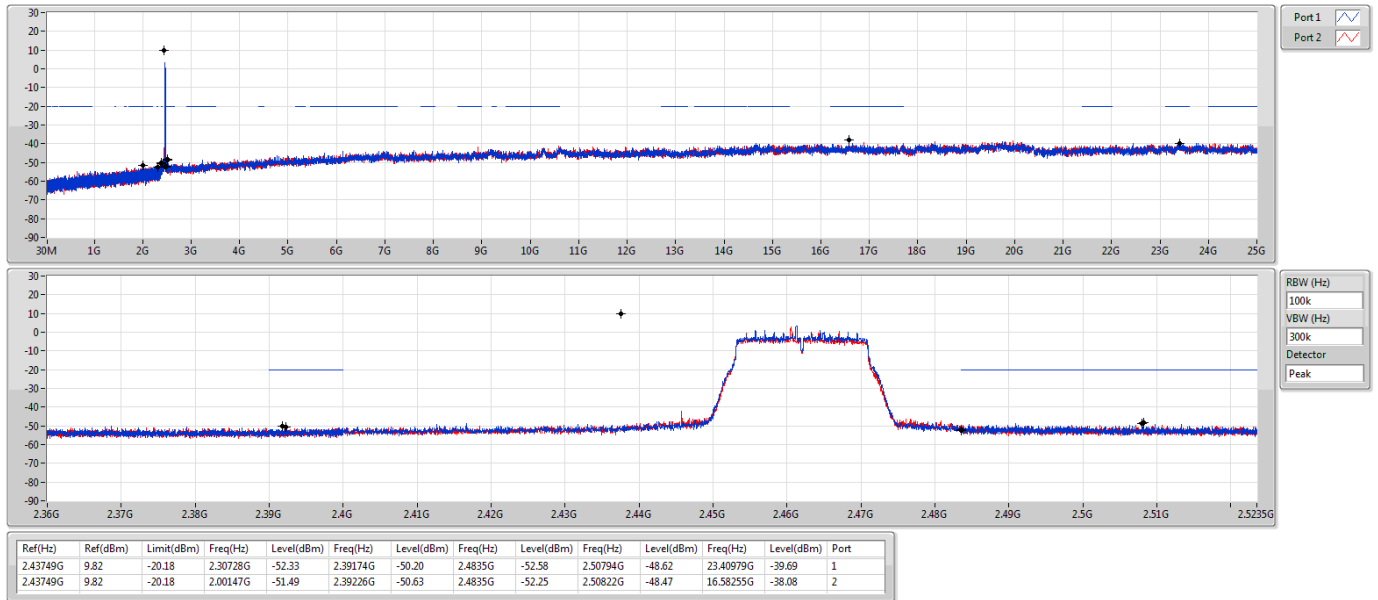
2437MHz



VHT20-BF_Nss1,(MCS0)_2TX

2462MHz

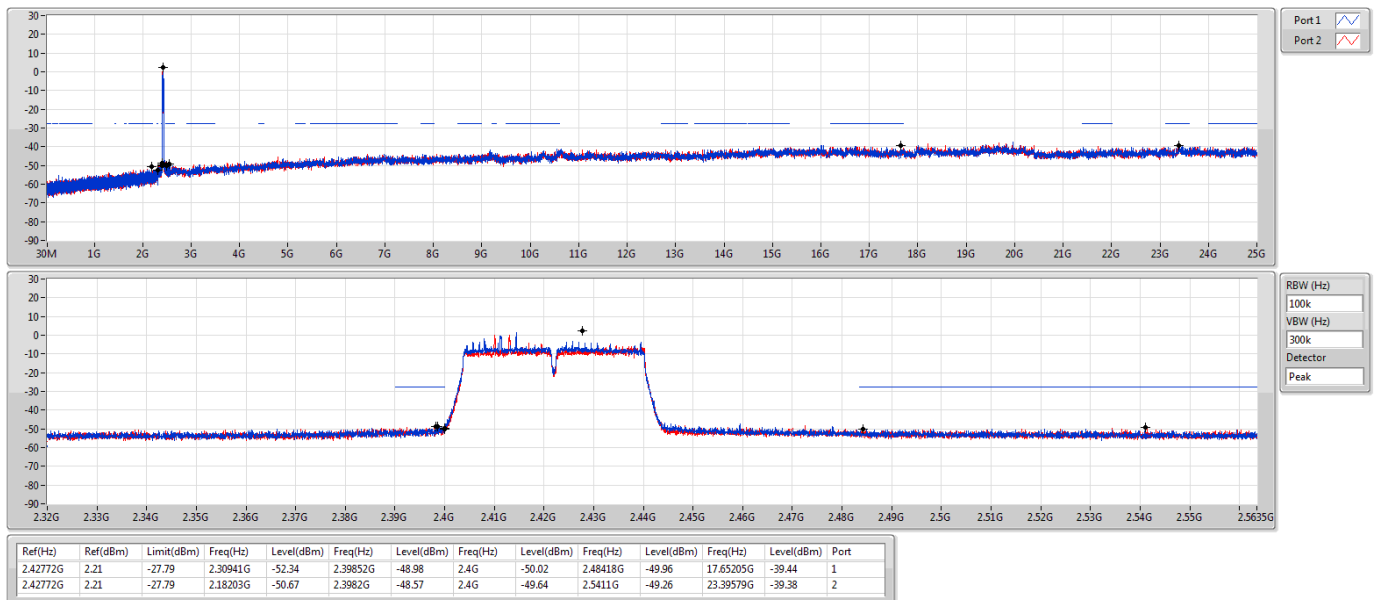
CSE NdB



VHT40-BF_Nss1,(MCS0)_2TX

2422MHz

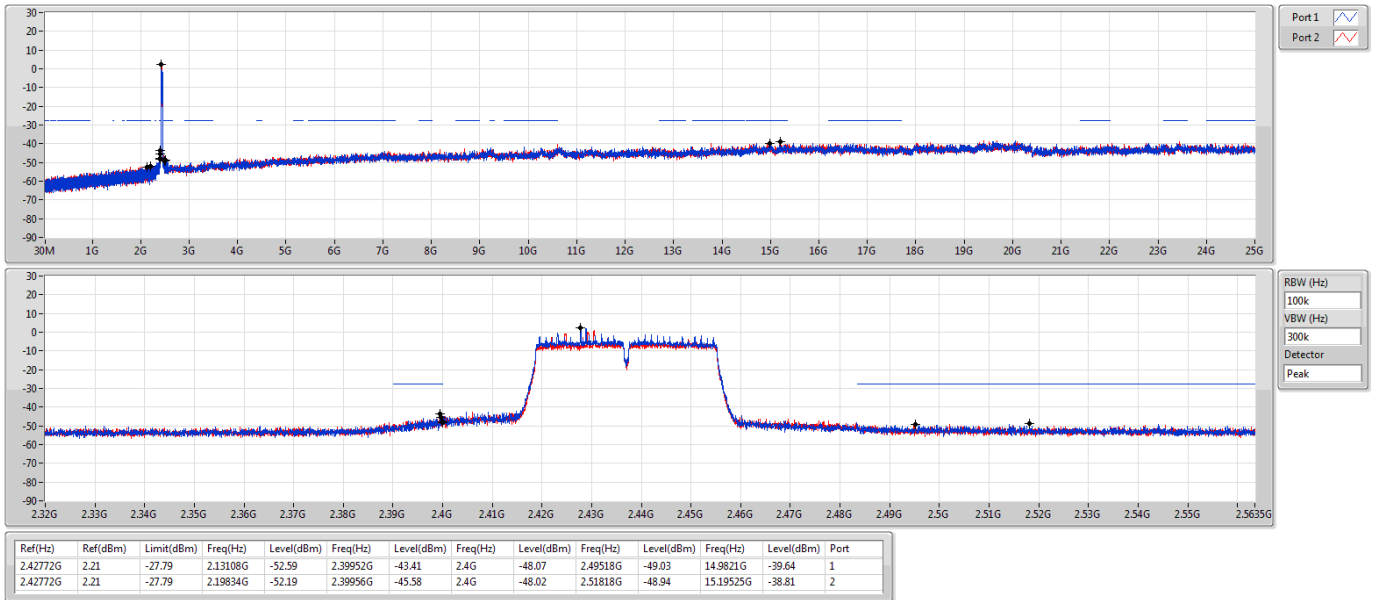
CSE NdB



VHT40-BF_Nss1,(MCS0)_2TX

2437MHz

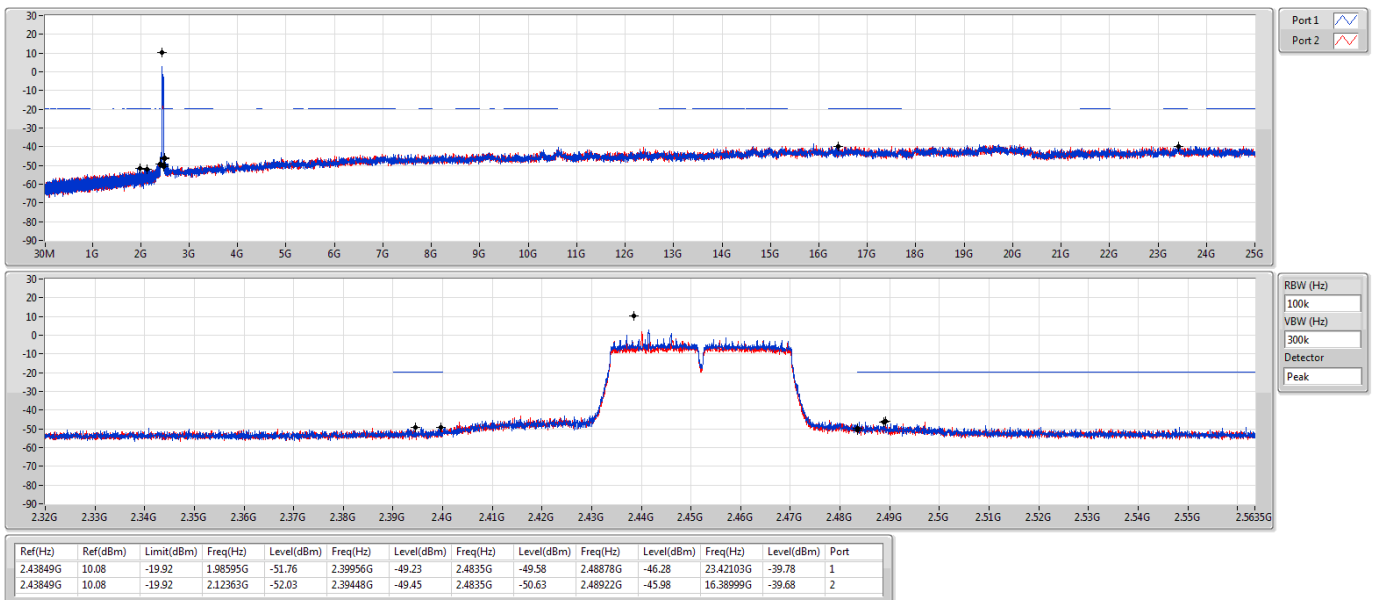
CSE NdB



VHT40-BF_Nss1,(MCS0)_2TX

2452MHz

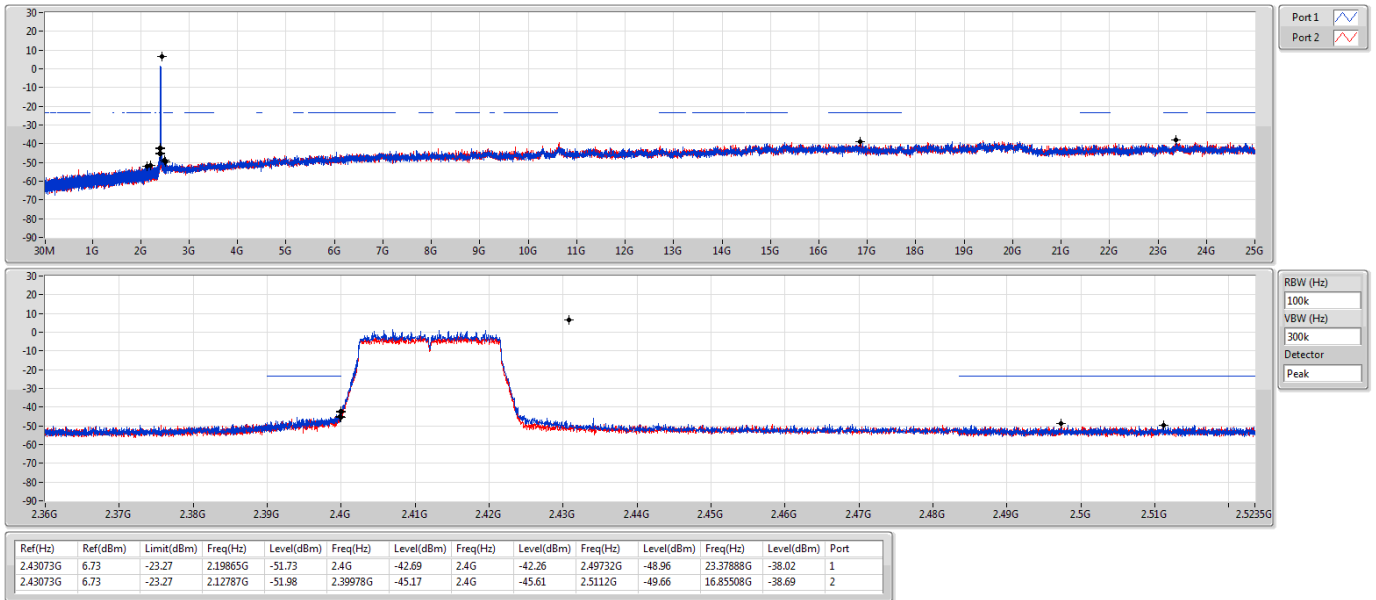
CSE NdB



802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2412MHz

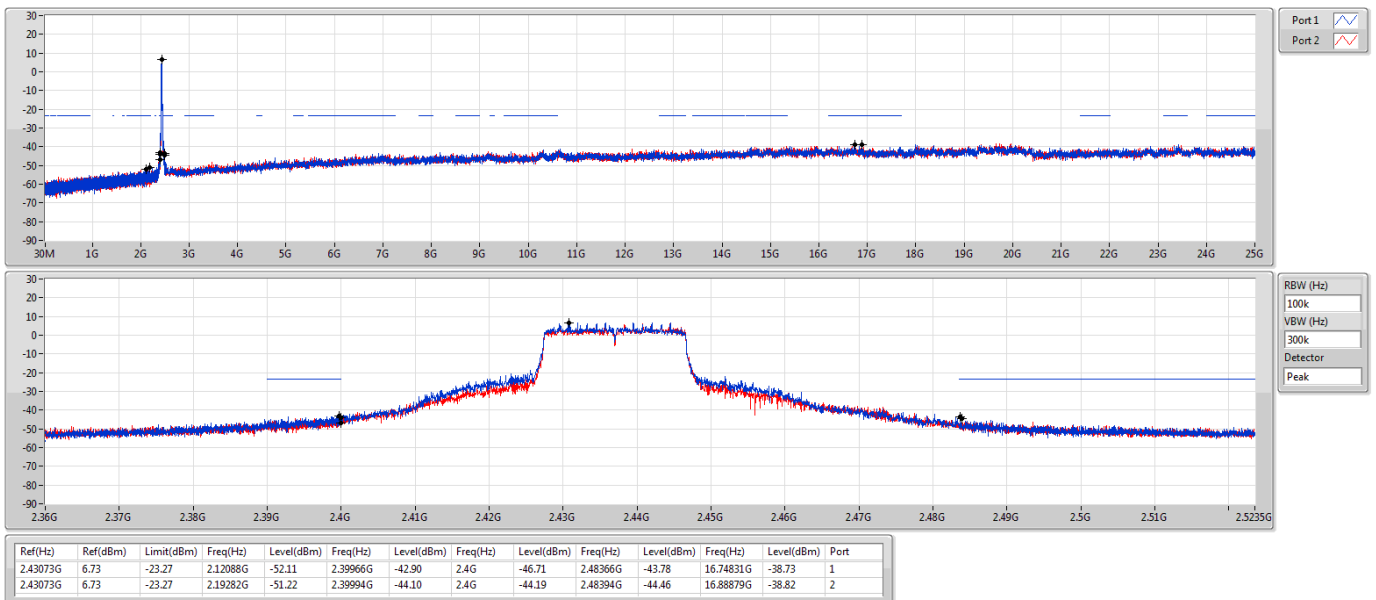
CSE NdB



802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2437MHz

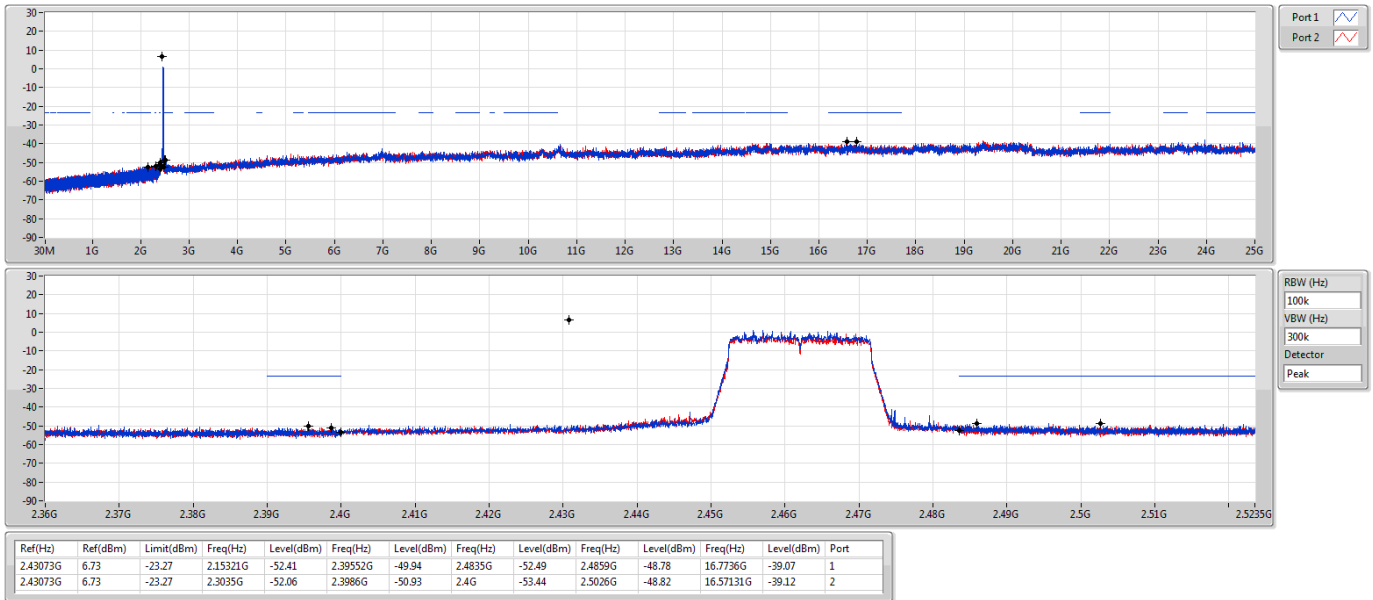
CSE NdB



802.11ax HEW20-BF_Nss1,(MCS0)_2TX

CSE NdB

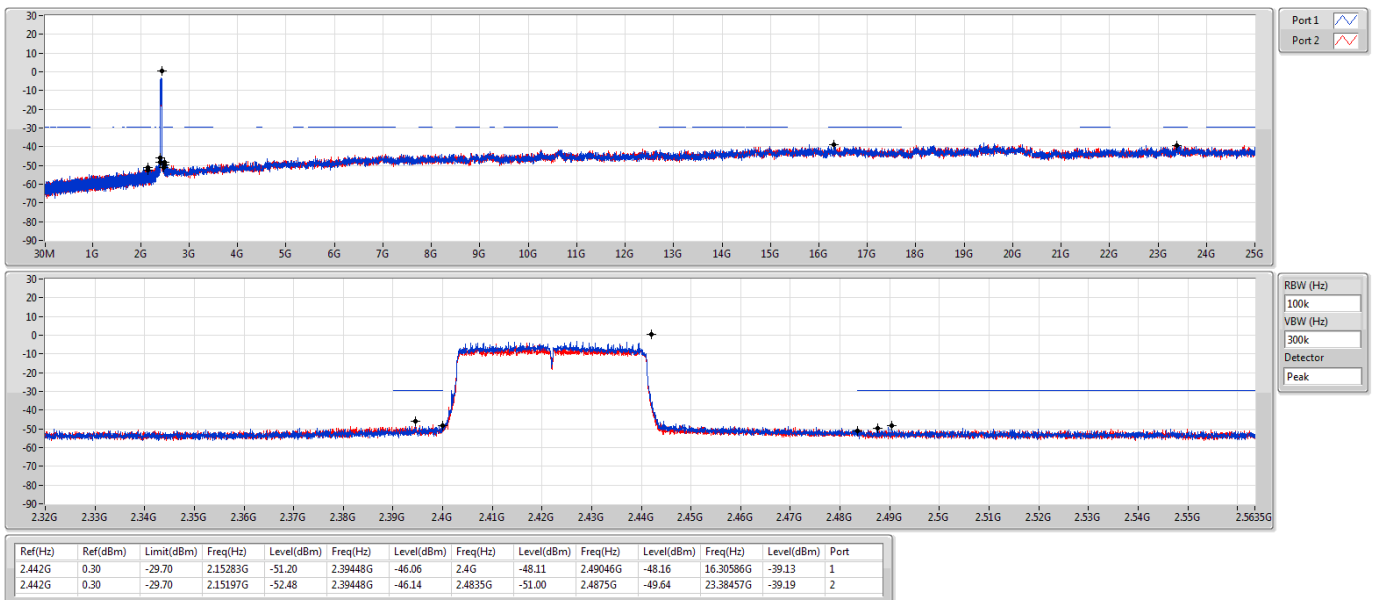
2462MHz



802.11ax HEW40-BF_Nss1,(MCS0)_2TX

CSE NdB

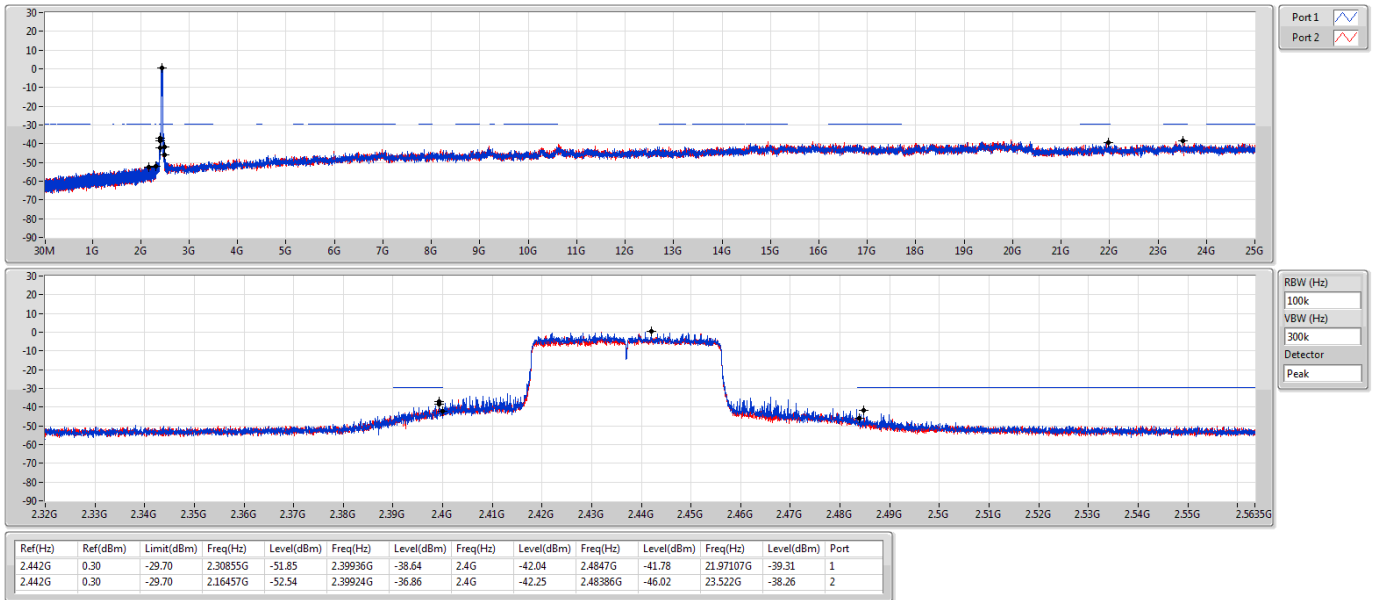
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802.11ax HEW40-BF_Nss1,(MCS0)_2TX

CSE NdB

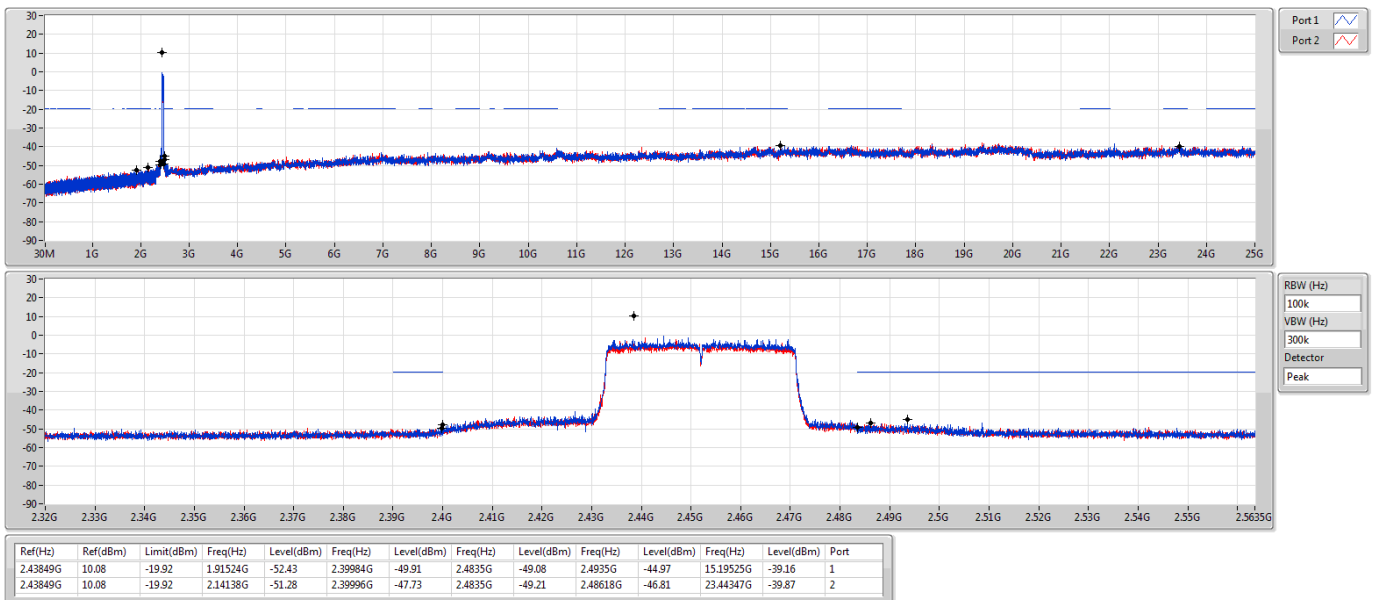
2437MHz



802.11ax HEW40-BF_Nss1,(MCS0)_2TX

CSE NdB

2452MHz





**CSE(Non-restricted Band) _Beamforming_Sample 2_Radio 1_
Panel 2_2T1S**

Appendix E.12

Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VHT20-BF_Nss1,(MCS0)_2TX	Pass	2.43549G	8.91	-21.09	2.11739G	-52.31	2.39806G	-38.28	2.4G	-43.31	2.48624G	-50.01	23.40698G	-39.64	1
VHT40-BF_Nss1,(MCS0)_2TX	Pass	2.42801G	4.11	-25.89	2.30025G	-52.29	2.3998G	-39.94	2.4G	-45.39	2.48474G	-47.14	23.40701G	-40.08	1
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	Pass	2.442G	6.27	-23.73	2.30961G	-51.36	2.39992G	-42.51	2.4G	-43.07	2.49184G	-49.69	16.34374G	-38.98	1
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	Pass	2.42952G	2.59	-27.41	2.10846G	-51.50	2.39932G	-39.02	2.4G	-41.42	2.4847G	-42.11	16.69569G	-39.54	1

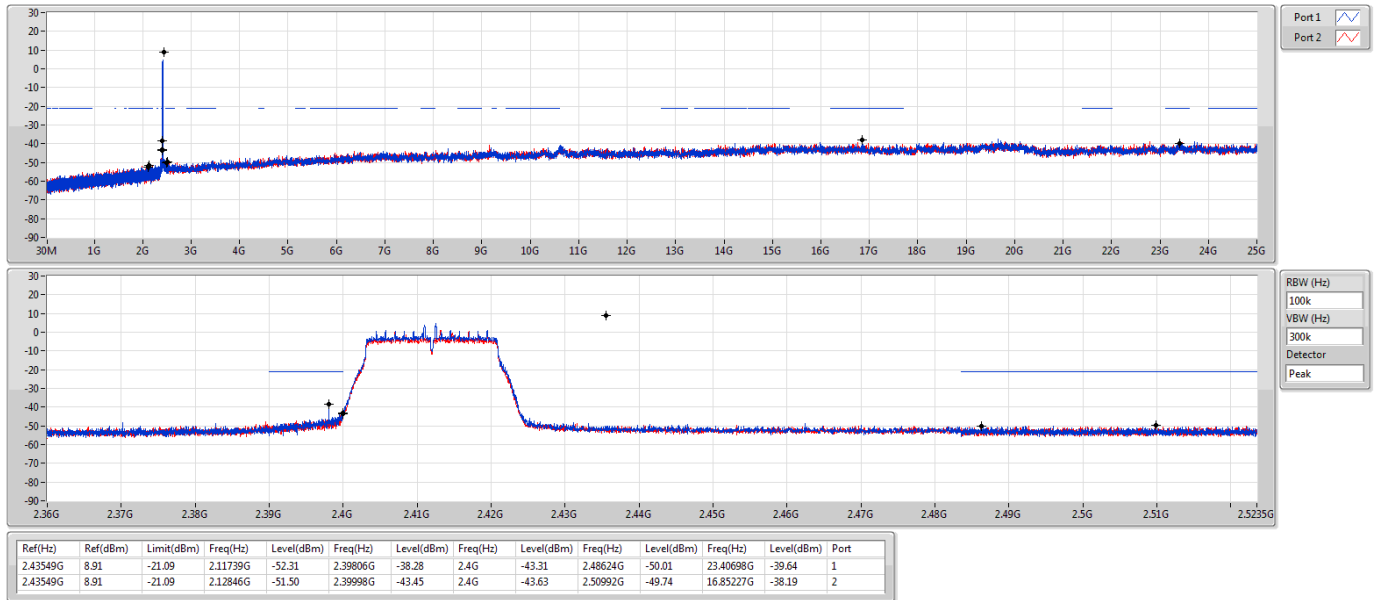
Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43549G	8.91	-21.09	2.11739G	-52.31	2.39806G	-38.28	2.4G	-43.31	2.48624G	-50.01	23.40698G	-39.64	1
2412MHz	Pass	2.43549G	8.91	-21.09	2.12846G	-51.50	2.39998G	-43.45	2.4G	-43.63	2.50992G	-49.74	16.85227G	-38.19	2
2437MHz	Pass	2.43549G	8.91	-21.09	2.12292G	-52.06	2.39824G	-45.20	2.4G	-47.47	2.48426G	-47.22	16.72865G	-39.51	1
2437MHz	Pass	2.43549G	8.91	-21.09	2.30262G	-51.63	2.39582G	-46.35	2.4835G	-48.72	2.48512G	-47.71	16.62188G	-37.83	2
2462MHz	Pass	2.43549G	8.91	-21.09	2.1171G	-51.79	2.39904G	-50.39	2.4835G	-52.13	2.48432G	-48.91	23.4435G	-38.30	1
2462MHz	Pass	2.43549G	8.91	-21.09	2.3G	-52.67	2.39696G	-49.39	2.4G	-52.70	2.48872G	-48.47	15.27891G	-39.12	2
VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.42801G	4.11	-25.89	2.11562G	-52.23	2.4G	-42.79	2.4G	-43.46	2.48846G	-49.50	14.68482G	-39.43	1
2422MHz	Pass	2.42801G	4.11	-25.89	2.30912G	-52.23	2.3946G	-43.71	2.4G	-45.72	2.48938G	-49.18	21.94303G	-39.53	2
2437MHz	Pass	2.42801G	4.11	-25.89	2.30025G	-52.29	2.3998G	-39.94	2.4G	-45.39	2.48474G	-47.14	23.40701G	-40.08	1
2437MHz	Pass	2.42801G	4.11	-25.89	1.96276G	-52.09	2.39892G	-40.34	2.4G	-44.94	2.48474G	-46.65	14.69884G	-39.80	2
2452MHz	Pass	2.42801G	4.11	-25.89	2.10875G	-52.42	2.39556G	-49.58	2.4835G	-49.35	2.48974G	-45.74	23.39579G	-37.87	1
2452MHz	Pass	2.42801G	4.11	-25.89	2.30368G	-52.87	2.39428G	-49.58	2.4835G	-49.40	2.49406G	-46.37	23.13777G	-39.05	2
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.442G	6.27	-23.73	2.30961G	-51.36	2.39992G	-42.51	2.4G	-43.07	2.49184G	-49.69	16.34374G	-38.98	1
2412MHz	Pass	2.442G	6.27	-23.73	1.8774G	-52.72	2.4G	-44.55	2.4G	-43.17	2.50446G	-49.00	16.70336G	-39.53	2
2437MHz	Pass	2.442G	6.27	-23.73	1.97642G	-52.01	2.39838G	-43.62	2.4G	-45.56	2.48648G	-45.31	16.6865G	-39.82	1
2437MHz	Pass	2.442G	6.27	-23.73	2.11215G	-51.44	2.39992G	-44.92	2.4G	-48.02	2.48486G	-46.36	16.59379G	-39.15	2
2462MHz	Pass	2.442G	6.27	-23.73	2.11943G	-51.83	2.39466G	-50.44	2.4835G	-50.57	2.51048G	-49.03	16.25664G	-39.37	1
2462MHz	Pass	2.442G	6.27	-23.73	2.30233G	-52.10	2.39864G	-50.77	2.4835G	-52.11	2.51424G	-48.01	14.96424G	-38.70	2
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.42952G	2.59	-27.41	2.30912G	-50.44	2.39456G	-42.89	2.4G	-47.61	2.51206G	-49.20	23.4631G	-38.96	1
2422MHz	Pass	2.42952G	2.59	-27.41	2.30254G	-52.63	2.39332G	-42.58	2.4G	-47.51	2.53194G	-49.74	14.65116G	-39.72	2
2437MHz	Pass	2.42952G	2.59	-27.41	2.10846G	-51.50	2.39932G	-39.02	2.4G	-41.42	2.4847G	-42.11	16.69569G	-39.54	1
2437MHz	Pass	2.42952G	2.59	-27.41	2.30712G	-52.52	2.39756G	-39.77	2.4G	-41.59	2.4841G	-44.54	24.45591G	-38.86	2
2452MHz	Pass	2.42952G	2.59	-27.41	1.96076G	-52.10	2.39564G	-49.48	2.4835G	-48.99	2.49074G	-45.04	14.58666G	-38.82	1
2452MHz	Pass	2.42952G	2.59	-27.41	2.11619G	-52.27	2.39992G	-49.15	2.4835G	-47.28	2.4935G	-45.78	14.28096G	-39.22	2

VHT20-BF_Nss1,(MCS0)_2TX

CSE NdB

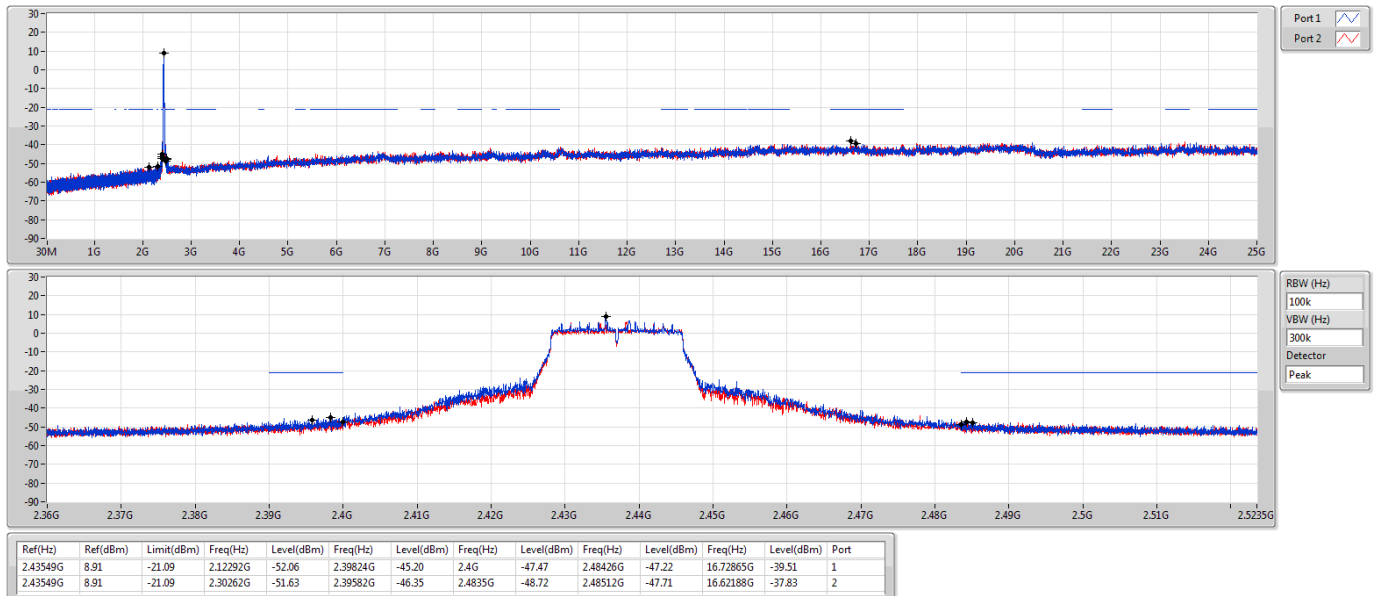
2412MHz



VHT20-BF_Nss1,(MCS0)_2TX

CSE NdB

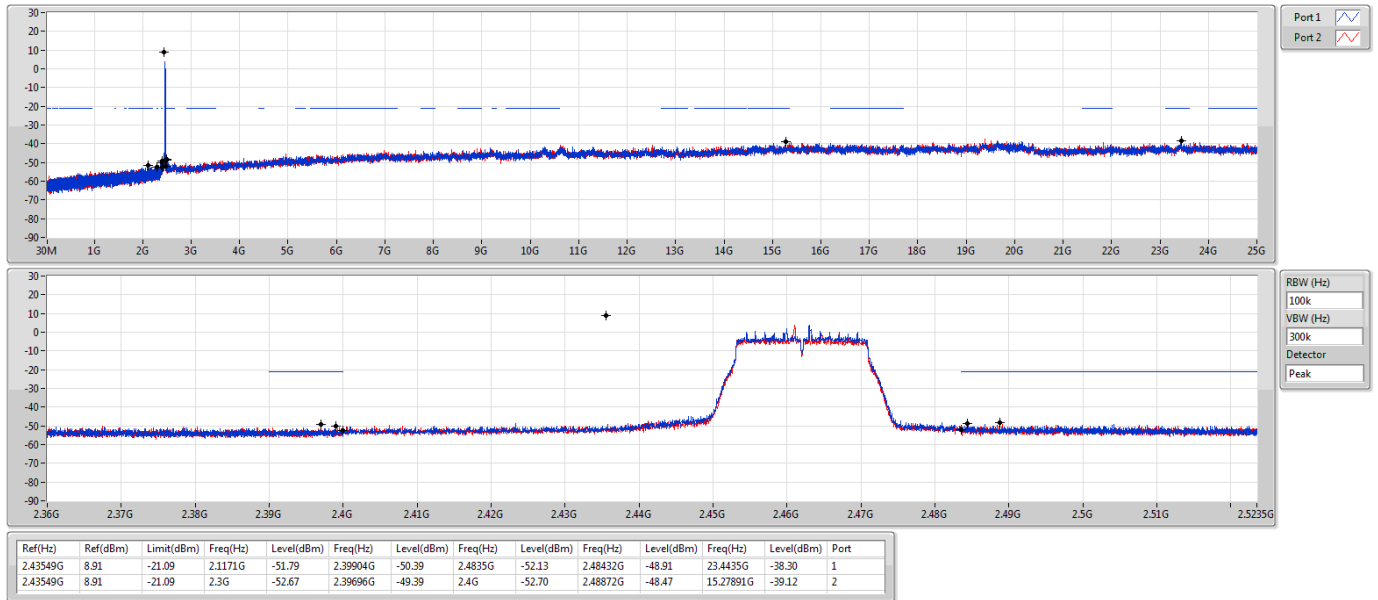
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VHT20-BF_Nss1,(MCS0)_2TX

2462MHz

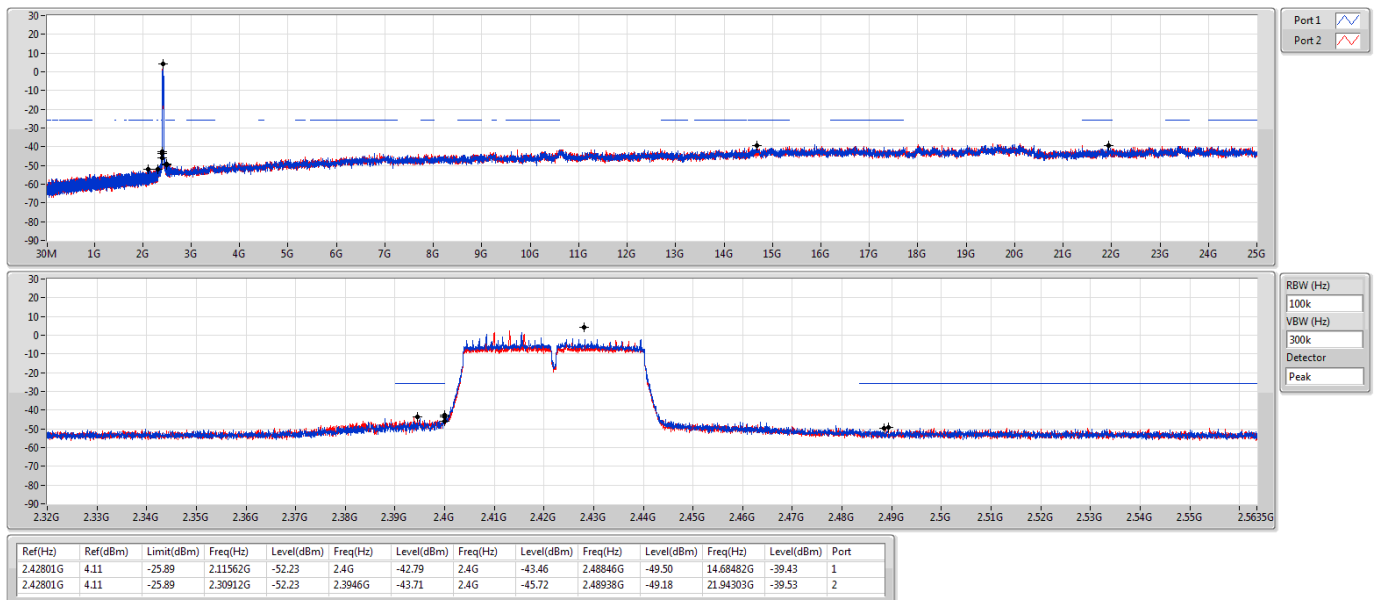
CSE NdB



VHT40-BF_Nss1,(MCS0)_2TX

2422MHz

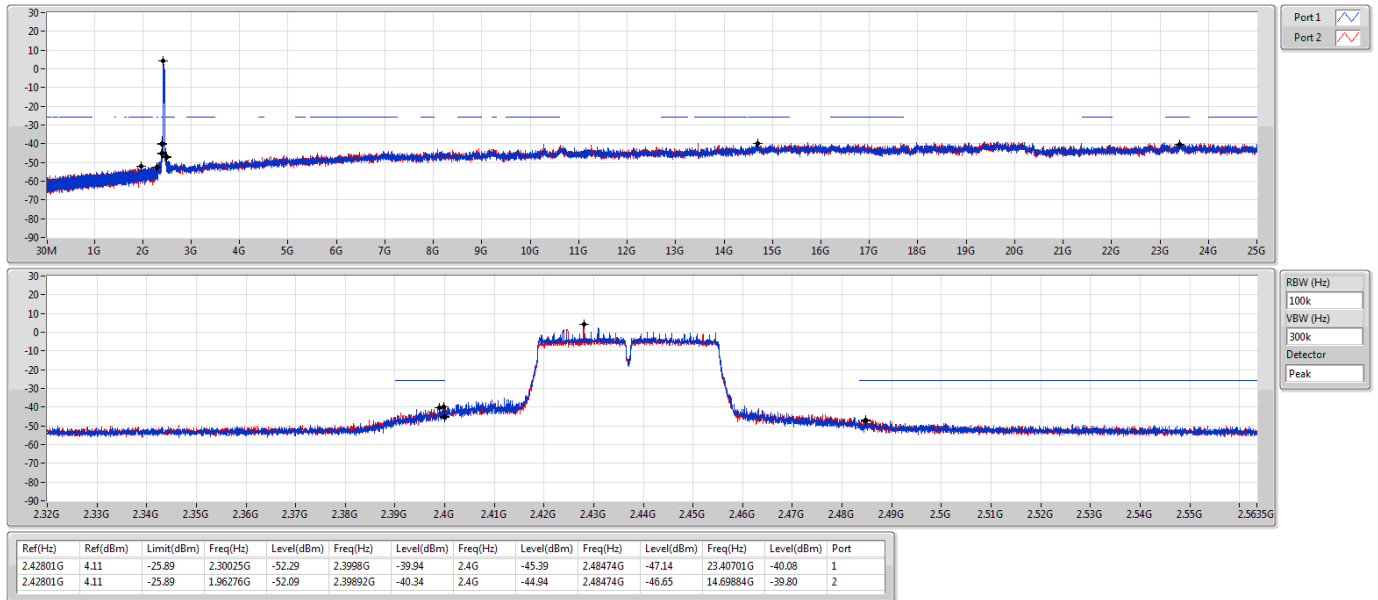
CSE NdB



VHT40-BF_Nss1,(MCS0)_2TX

2437MHz

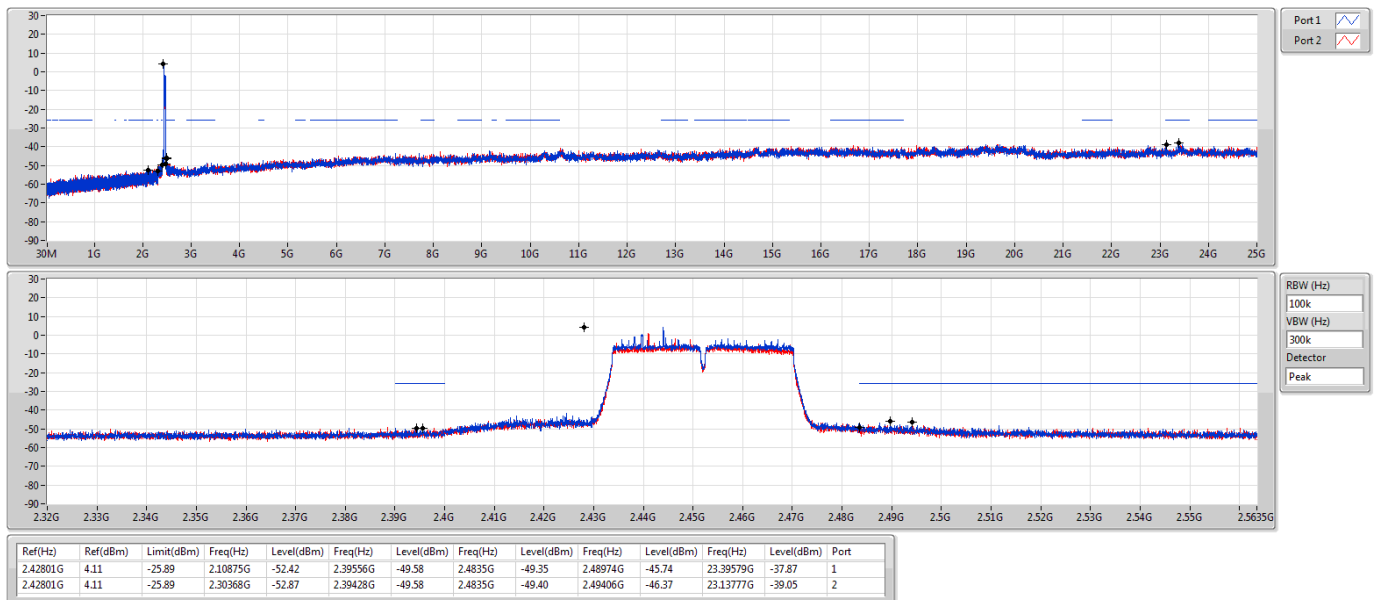
CSE NdB



VHT40-BF_Nss1,(MCS0)_2TX

2452MHz

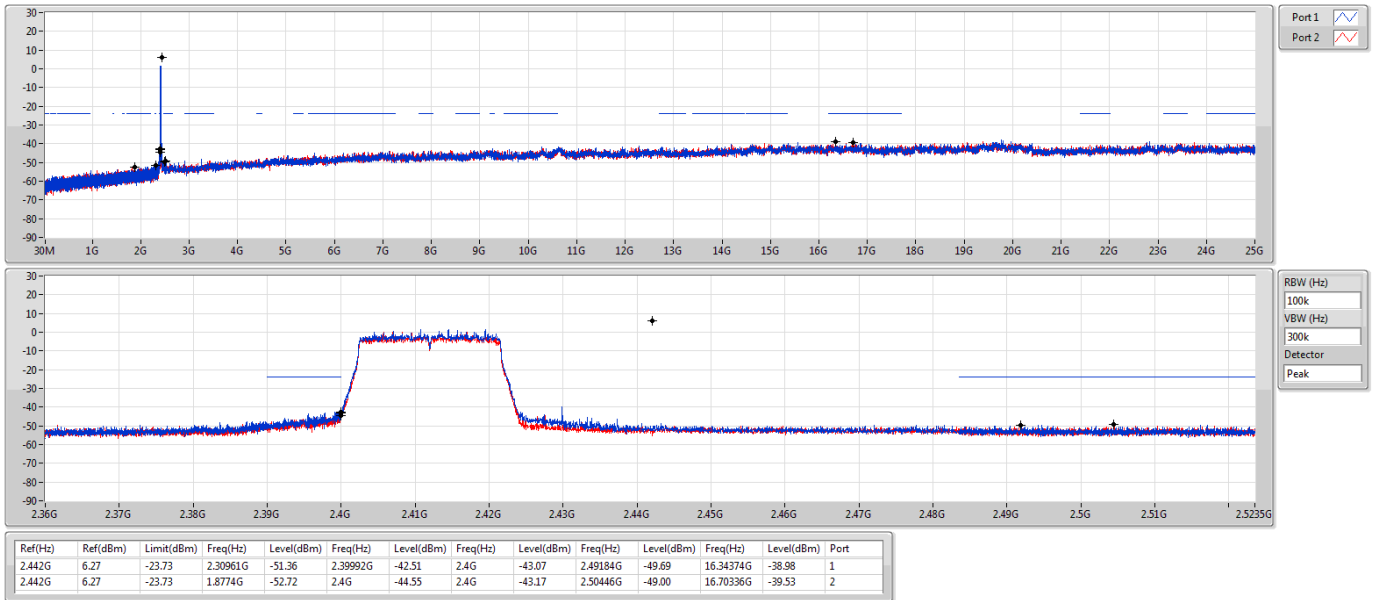
CSE NdB



802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2412MHz

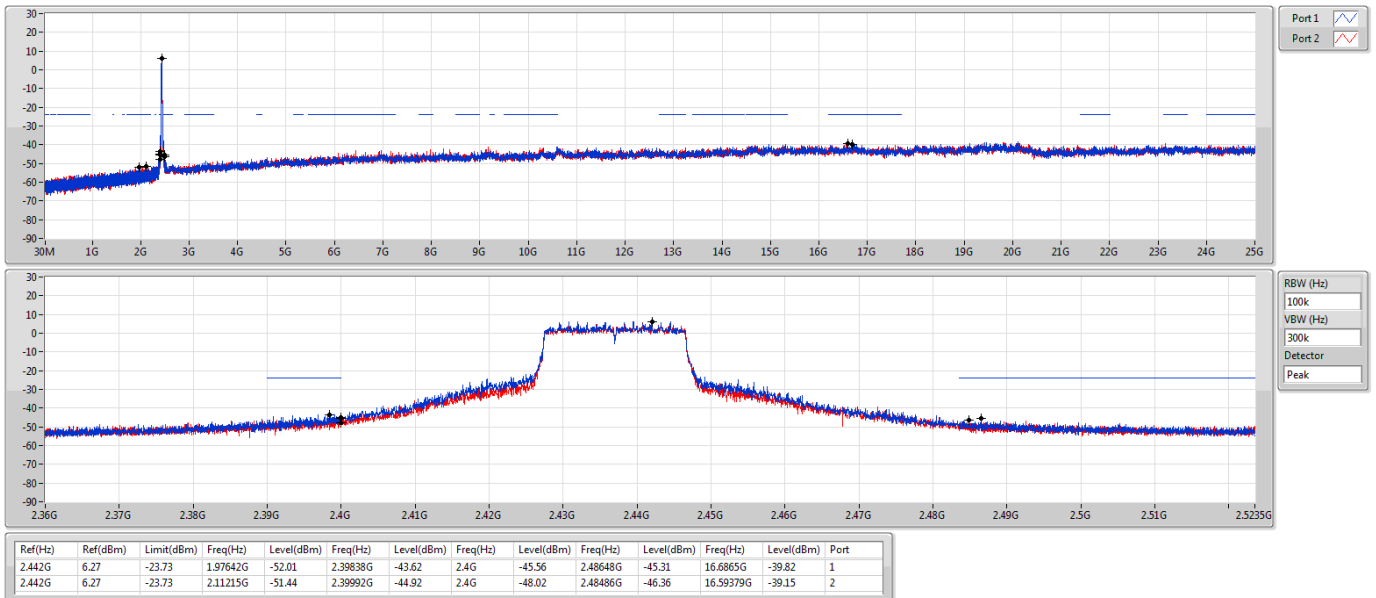
CSE NdB



802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2437MHz

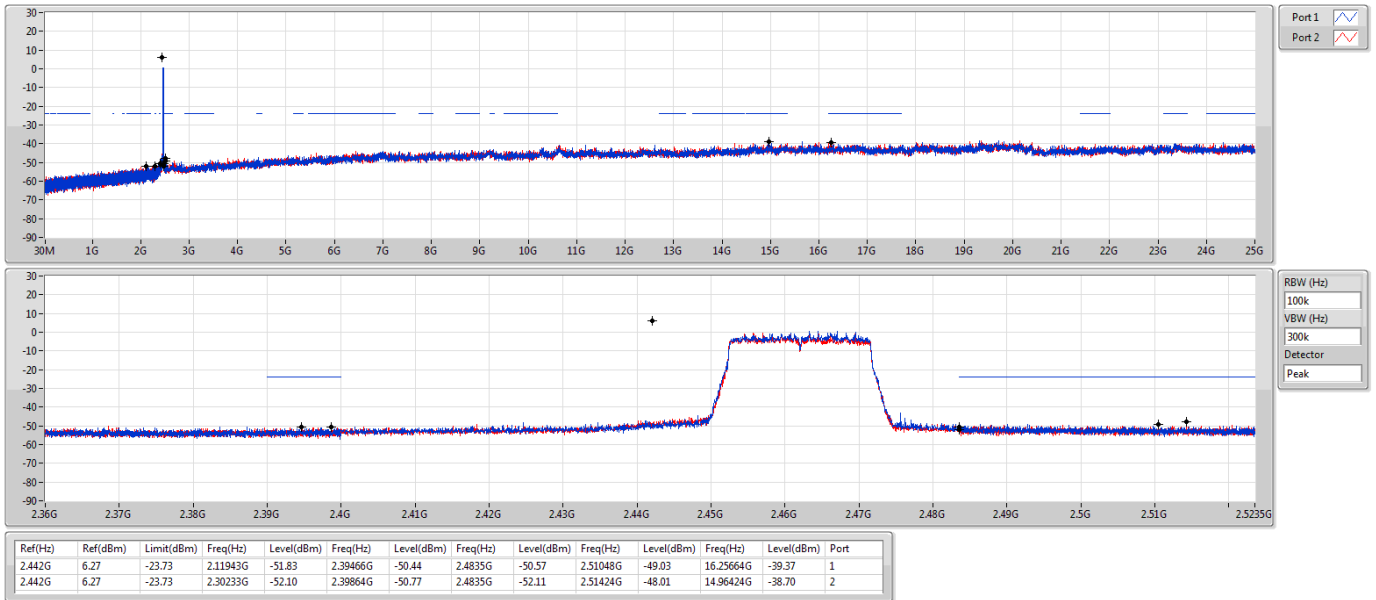
CSE NdB



802.11ax HEW20-BF_Nss1,(MCS0)_2TX

CSE NdB

2462MHz



802.11ax HEW40-BF_Nss1,(MCS0)_2TX

CSE NdB

2422MHz

