



**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)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	2.43599G	14.50	-15.50	2.30874G	-57.65	2.39902G	-36.35	2.51252G	-54.98	14.46976G	-49.33	1
802.11g_Nss1,(6Mbps)_1TX	Pass	2.43198G	9.26	-20.74	2.3067G	-59.06	2.39996G	-32.50	2.49266G	-55.30	16.51512G	-52.79	1
VHT20_Nss1,(MCS0)_1TX	Pass	2.43073G	9.14	-20.86	2.30641G	-60.12	2.39906G	-41.09	2.48418G	-43.83	16.86351G	-52.67	1
VHT40_Nss1,(MCS0)_1TX	Pass	2.442G	2.77	-27.23	30M	-58.41	2.39944G	-37.28	2.48878G	-43.20	16.5807G	-52.91	1
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	2.43073G	8.67	-21.33	2.30874G	-59.13	2.39898G	-39.12	2.48462G	-40.73	2.5235G	-52.83	1
802.11ax HEW40_Nss1,(MCS0)_1TX	Pass	2.43198G	2.95	-27.05	2.30054G	-58.41	2.39952G	-37.53	2.48722G	-42.19	15.11111G	-52.72	1

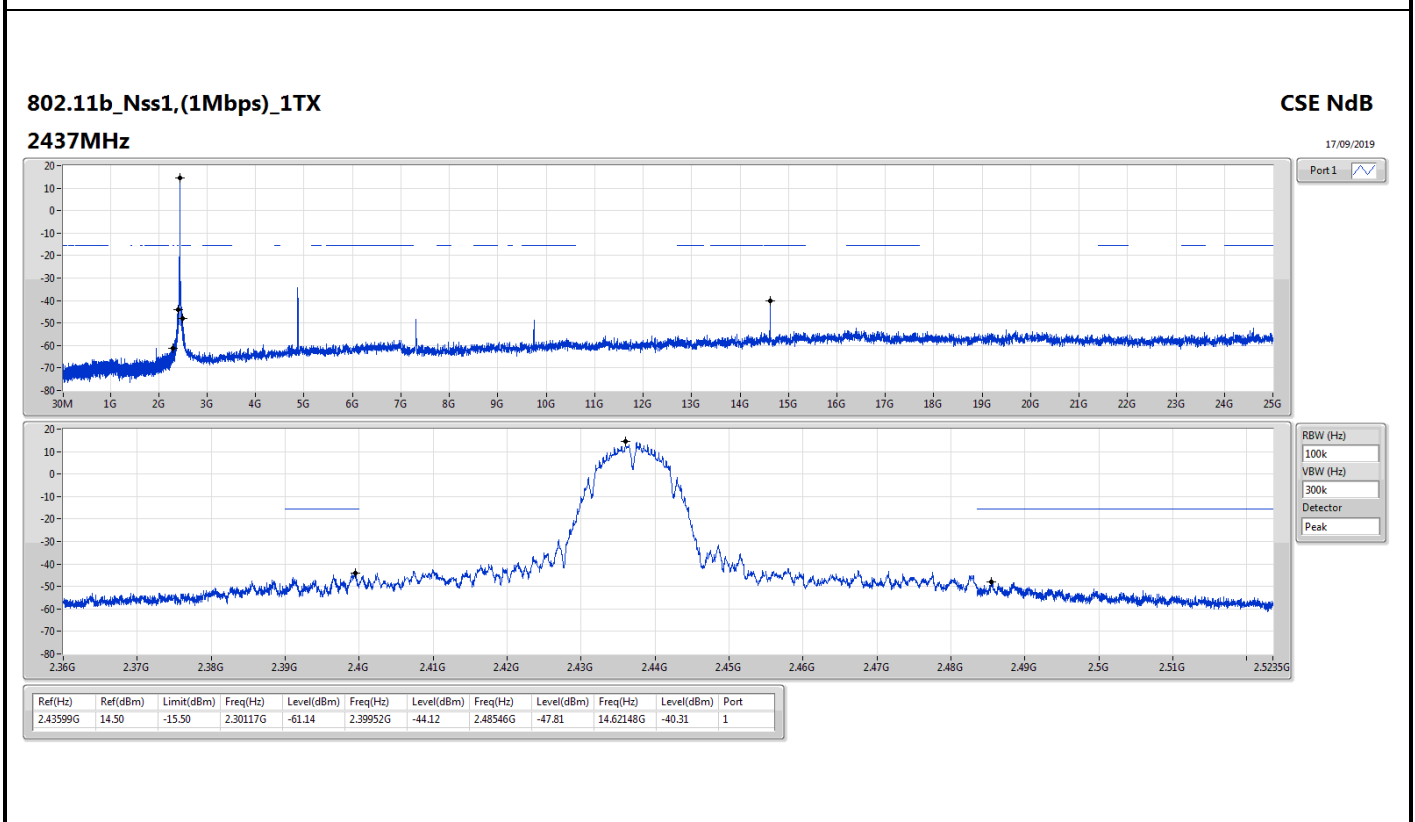
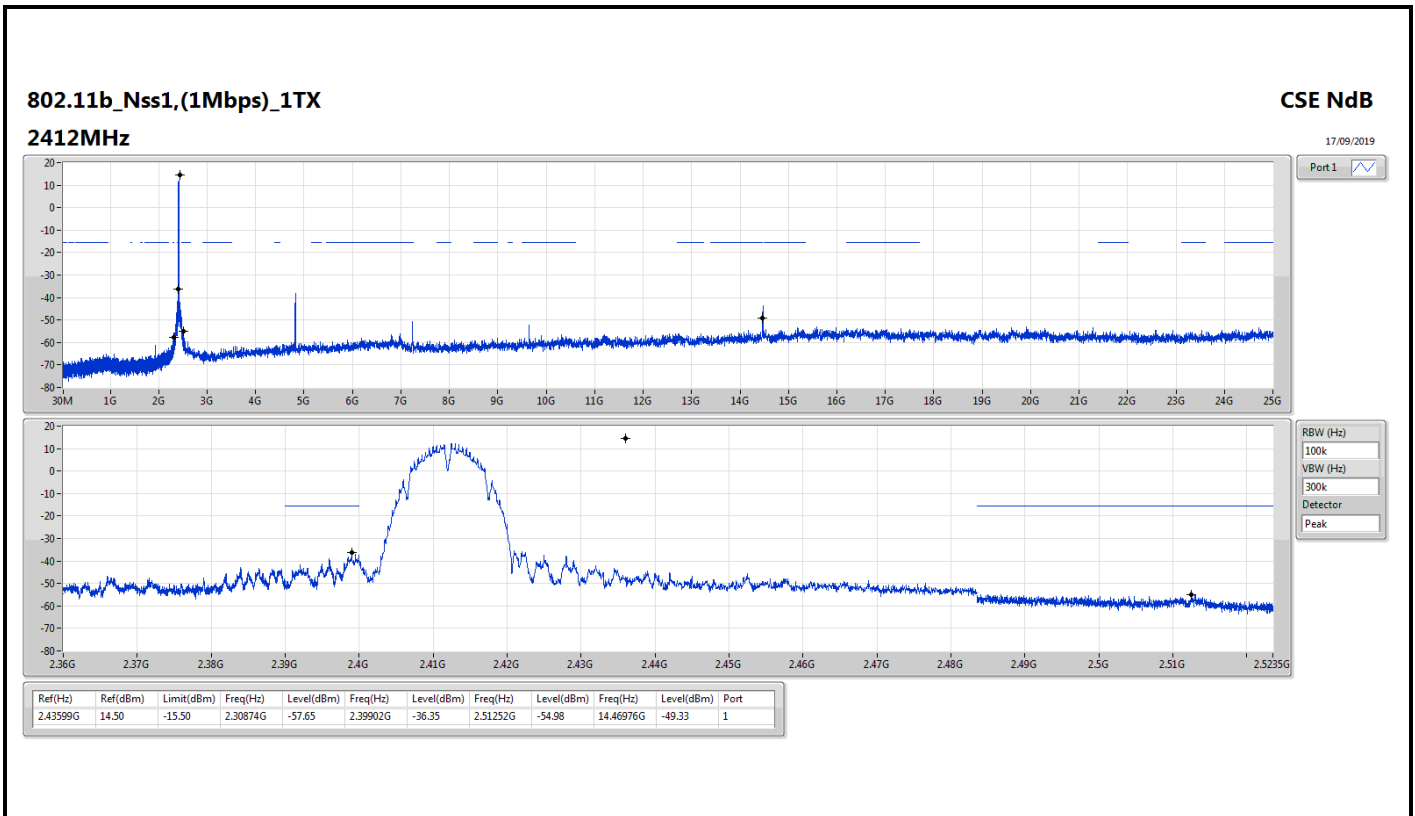


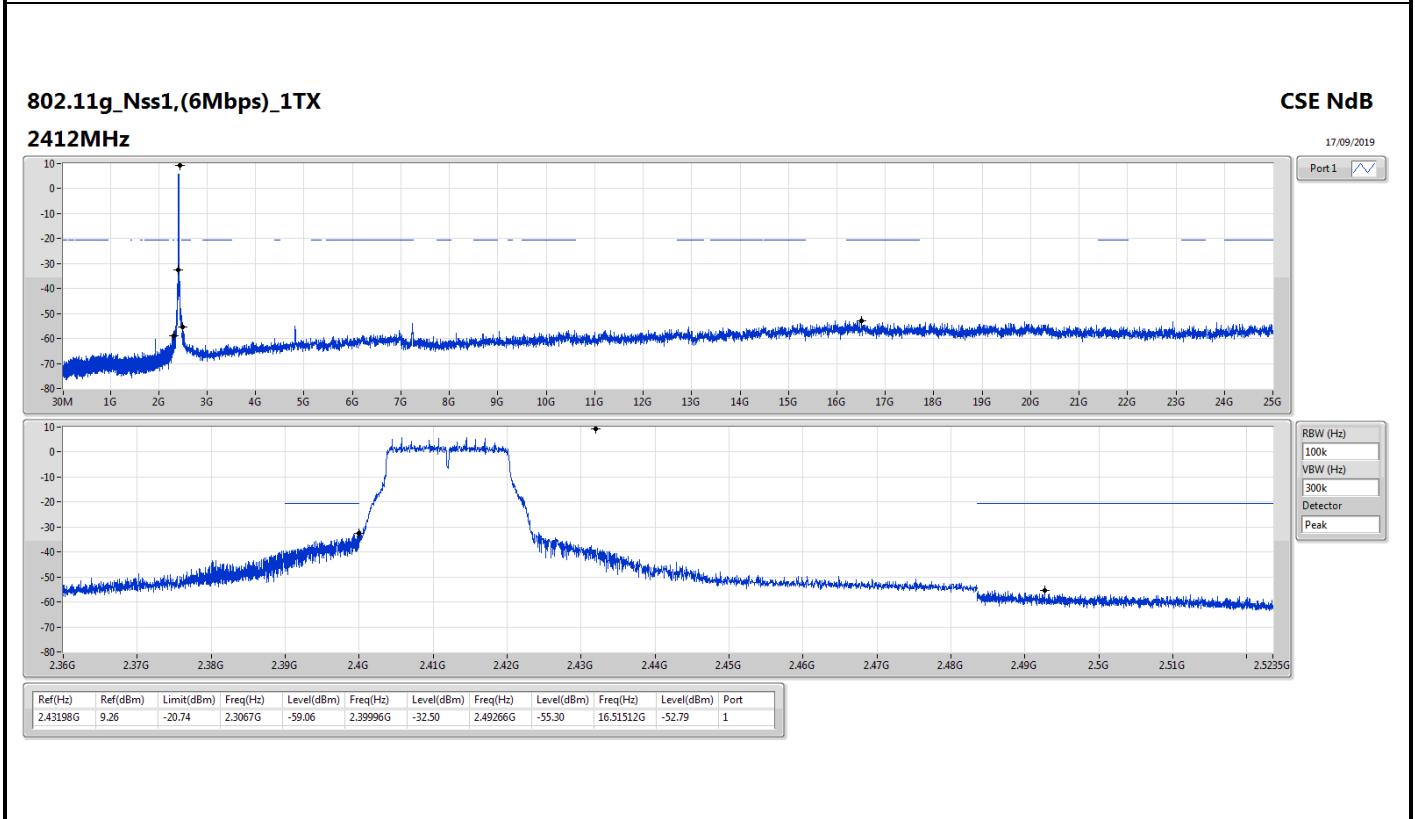
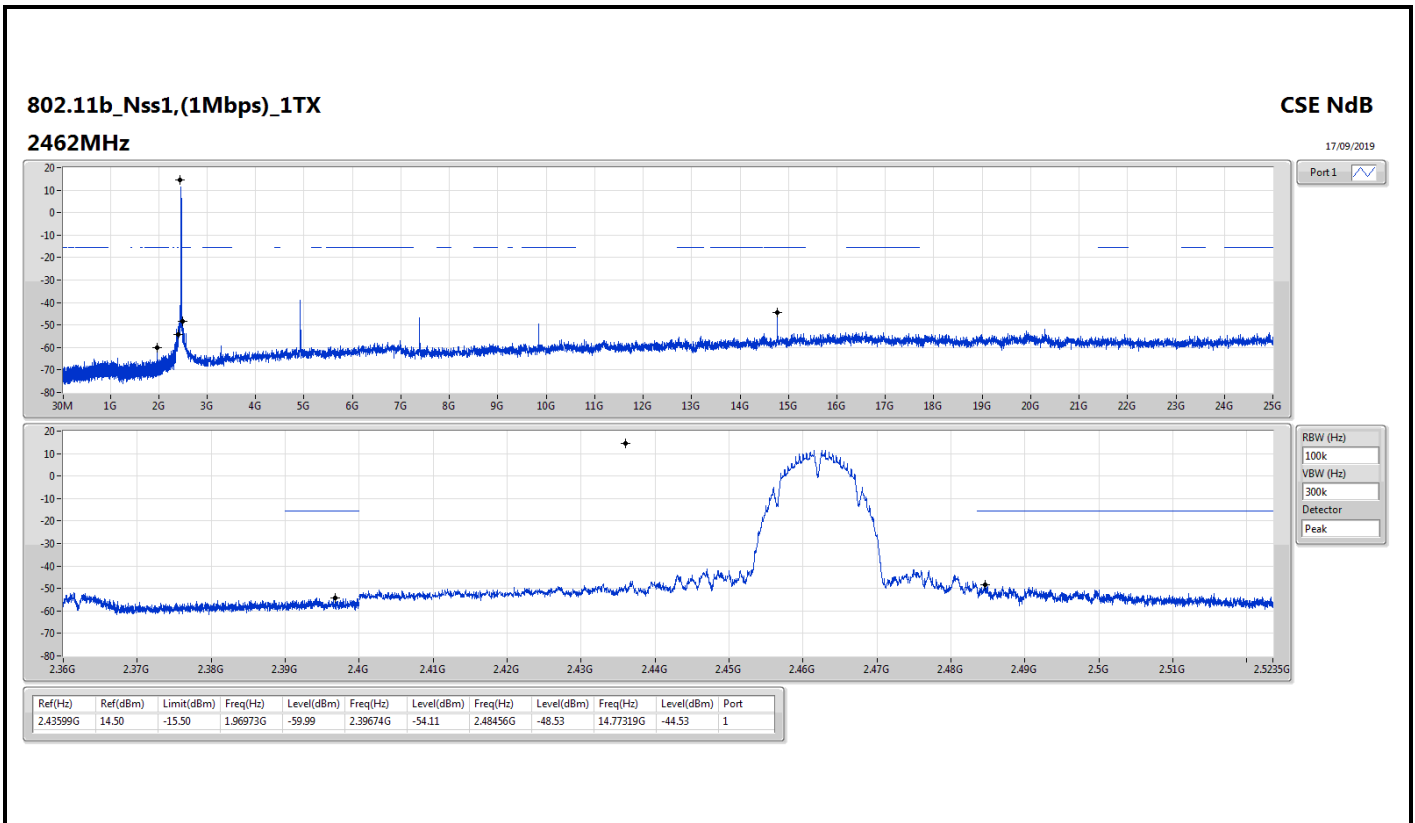
**CSE(Non-restricted Band)  
Non-Beamforming\_Sample 2\_Radio 3\_Panel 1\_1T1S**

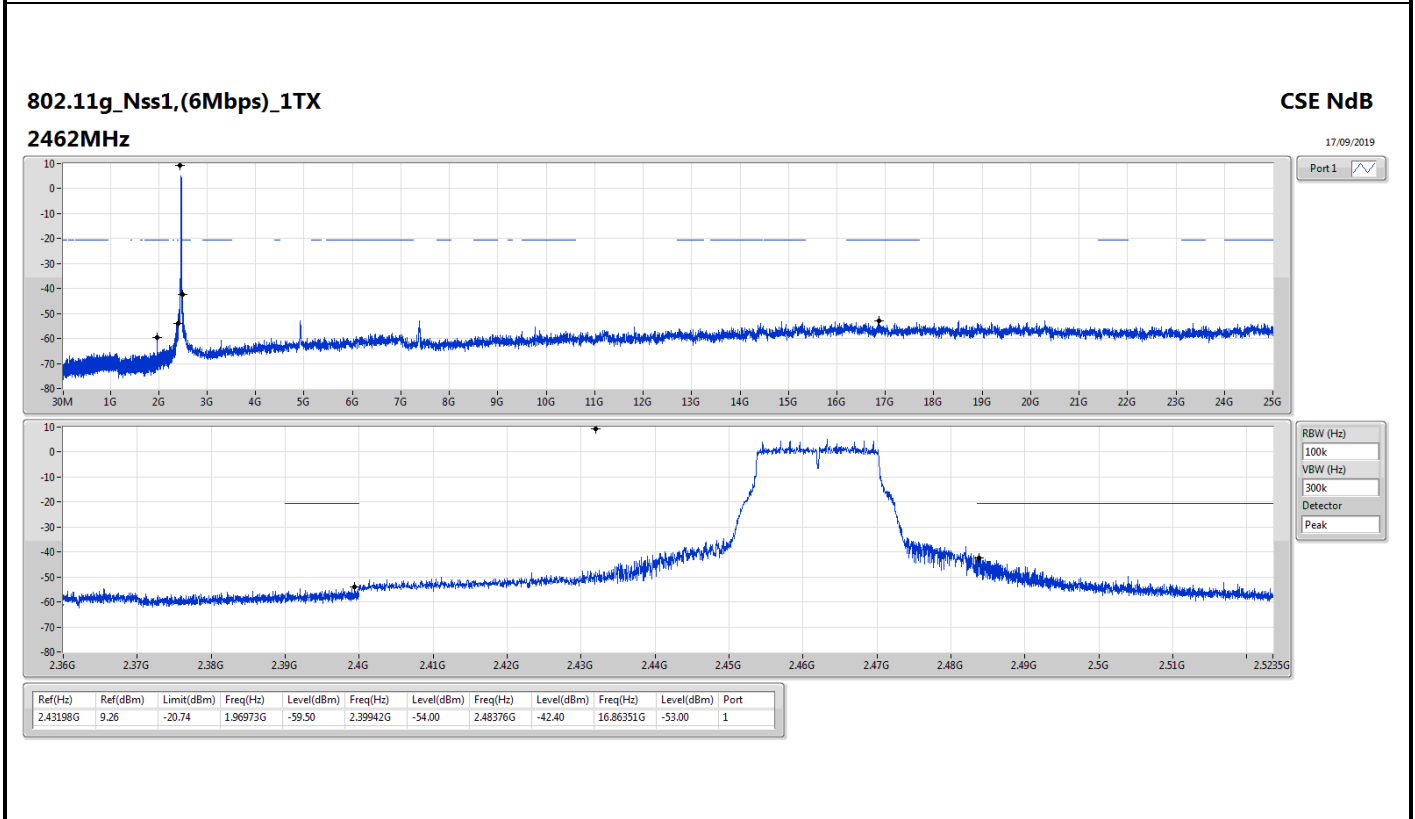
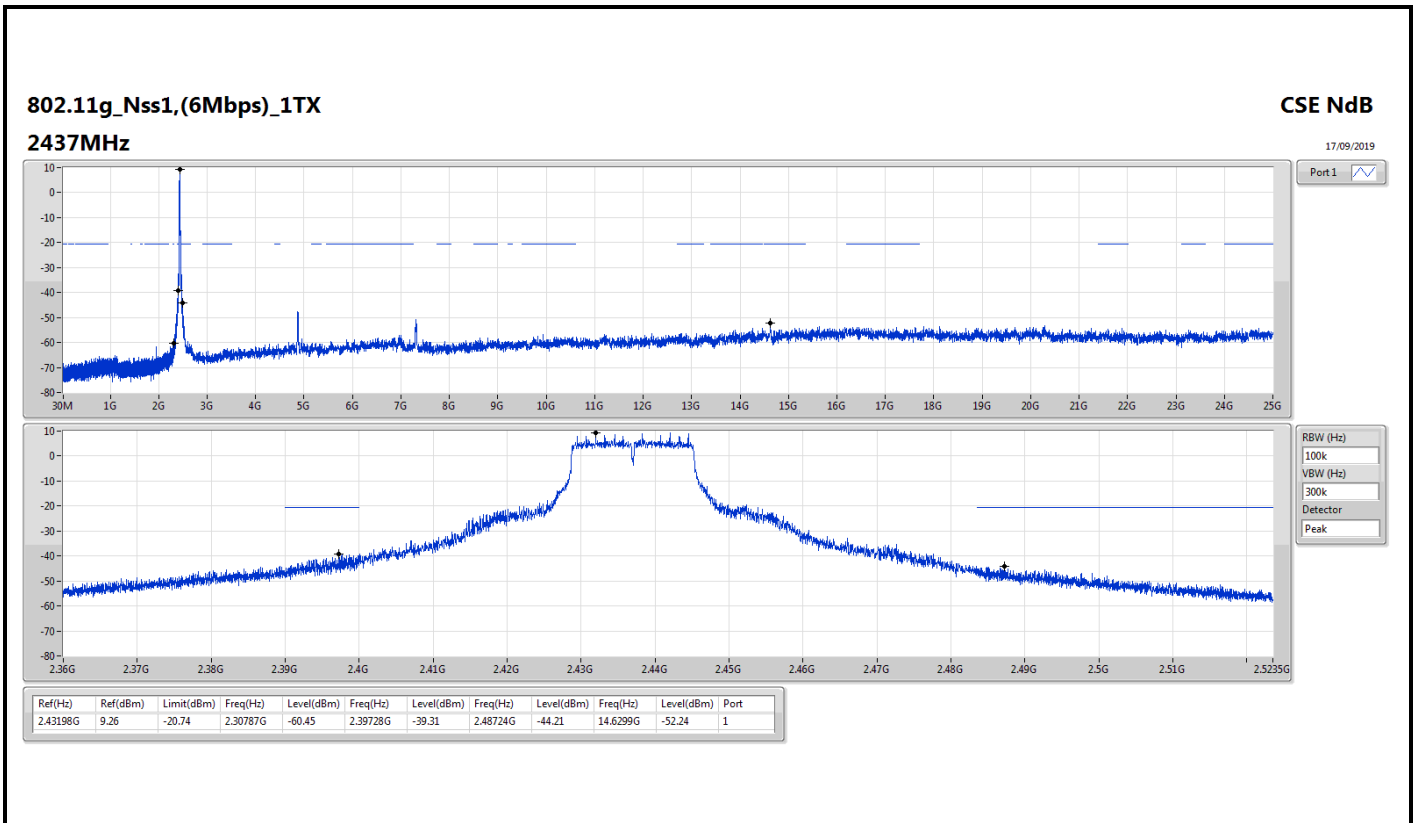
**Appendix E.13**

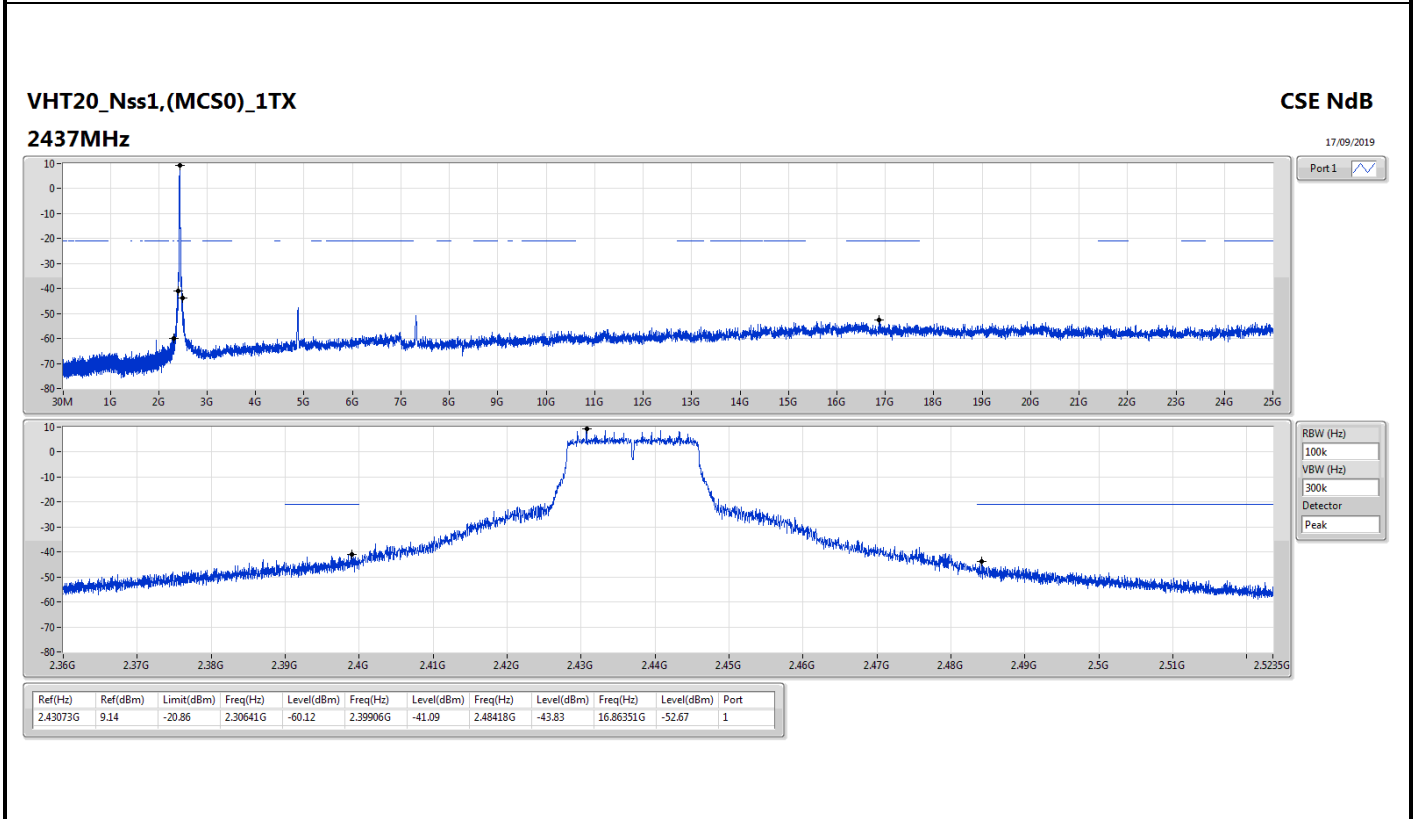
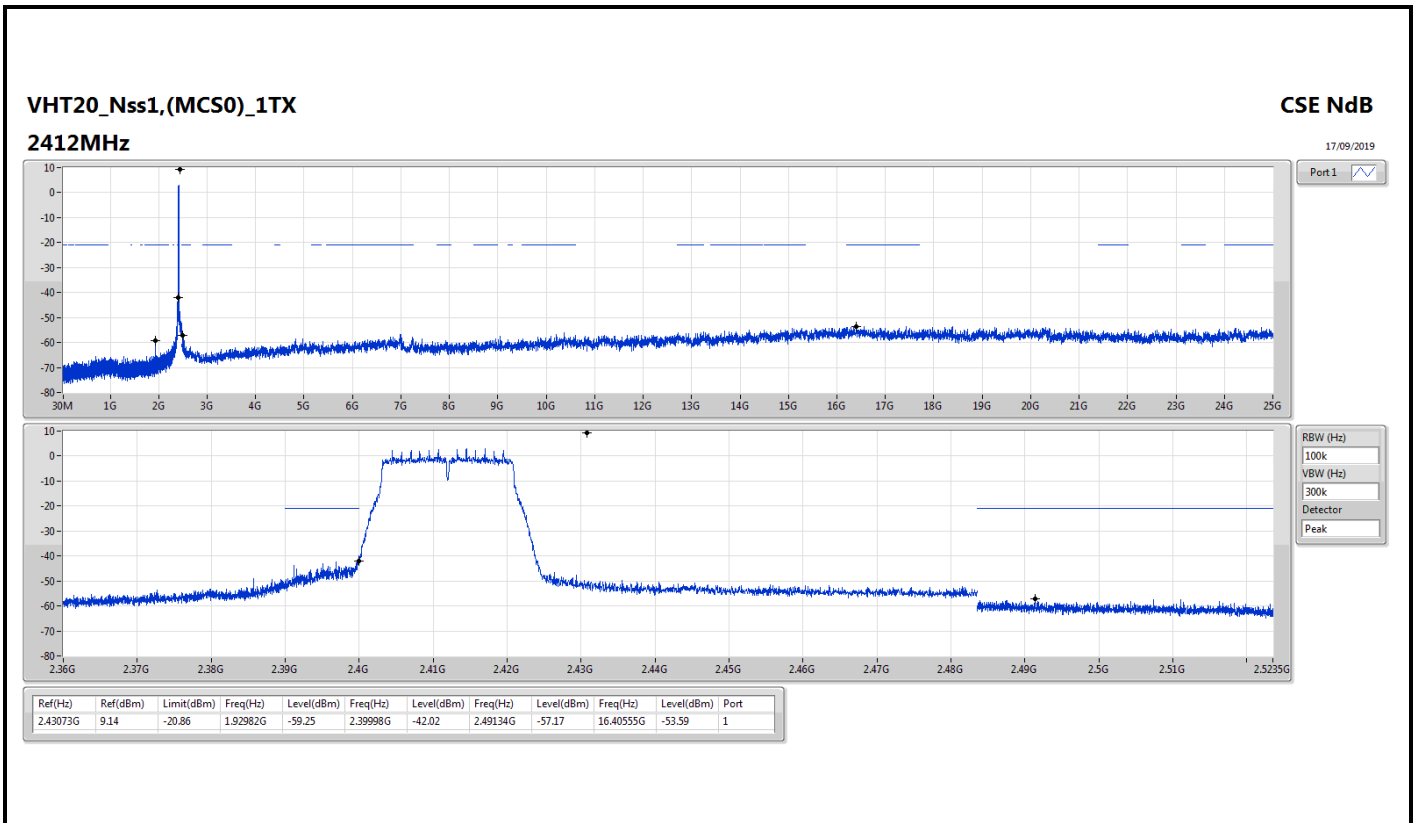
**Result**

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43599G	14.50	-15.50	2.30874G	-57.65	2.39902G	-36.35	2.51252G	-54.98	14.46976G	-49.33	1
2437MHz	Pass	2.43599G	14.50	-15.50	2.30117G	-61.14	2.39952G	-44.12	2.48546G	-47.81	14.62148G	-40.31	1
2462MHz	Pass	2.43599G	14.50	-15.50	1.96973G	-59.99	2.39674G	-54.11	2.48456G	-48.53	14.77319G	-44.53	1
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43198G	9.26	-20.74	2.3067G	-59.06	2.39996G	-32.50	2.49266G	-55.30	16.51512G	-52.79	1
2437MHz	Pass	2.43198G	9.26	-20.74	2.30787G	-60.45	2.39728G	-39.31	2.48724G	-44.21	14.6299G	-52.24	1
2462MHz	Pass	2.43198G	9.26	-20.74	1.96973G	-59.50	2.39942G	-54.00	2.48376G	-42.40	16.86351G	-53.00	1
VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43073G	9.14	-20.86	1.92982G	-59.25	2.39998G	-42.02	2.49134G	-57.17	16.40555G	-53.59	1
2437MHz	Pass	2.43073G	9.14	-20.86	2.30641G	-60.12	2.39906G	-41.09	2.48418G	-43.83	16.86351G	-52.67	1
2462MHz	Pass	2.43073G	9.14	-20.86	1.96973G	-59.18	2.399G	-56.31	2.48418G	-50.33	16.56569G	-52.61	1
VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.442G	2.77	-27.23	2.30426G	-57.51	2.39952G	-40.34	2.48814G	-51.94	16.60034G	-52.45	1
2437MHz	Pass	2.442G	2.77	-27.23	30M	-58.41	2.39944G	-37.28	2.48878G	-43.20	16.5807G	-52.91	1
2452MHz	Pass	2.442G	2.77	-27.23	2.30311G	-59.17	2.39196G	-50.64	2.4845G	-42.66	15.15879G	-51.91	1
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43073G	8.67	-21.33	1.92982G	-59.54	2.39872G	-39.19	2.48614G	-57.86	16.61065G	-52.74	1
2437MHz	Pass	2.43073G	8.67	-21.33	2.30874G	-59.13	2.39898G	-39.12	2.48462G	-40.73	2.5235G	-52.83	1
2462MHz	Pass	2.43073G	8.67	-21.33	1.96973G	-60.06	2.39756G	-56.32	2.48372G	-44.59	16.62188G	-53.15	1
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43198G	2.95	-27.05	2.30283G	-58.06	2.39908G	-39.17	2.4837G	-50.23	16.98736G	-53.36	1
2437MHz	Pass	2.43198G	2.95	-27.05	2.30054G	-58.41	2.39952G	-37.53	2.48722G	-42.19	15.11111G	-52.72	1
2452MHz	Pass	2.43198G	2.95	-27.05	30M	-58.61	2.3958G	-49.29	2.4845G	-41.24	17.5006G	-51.46	1

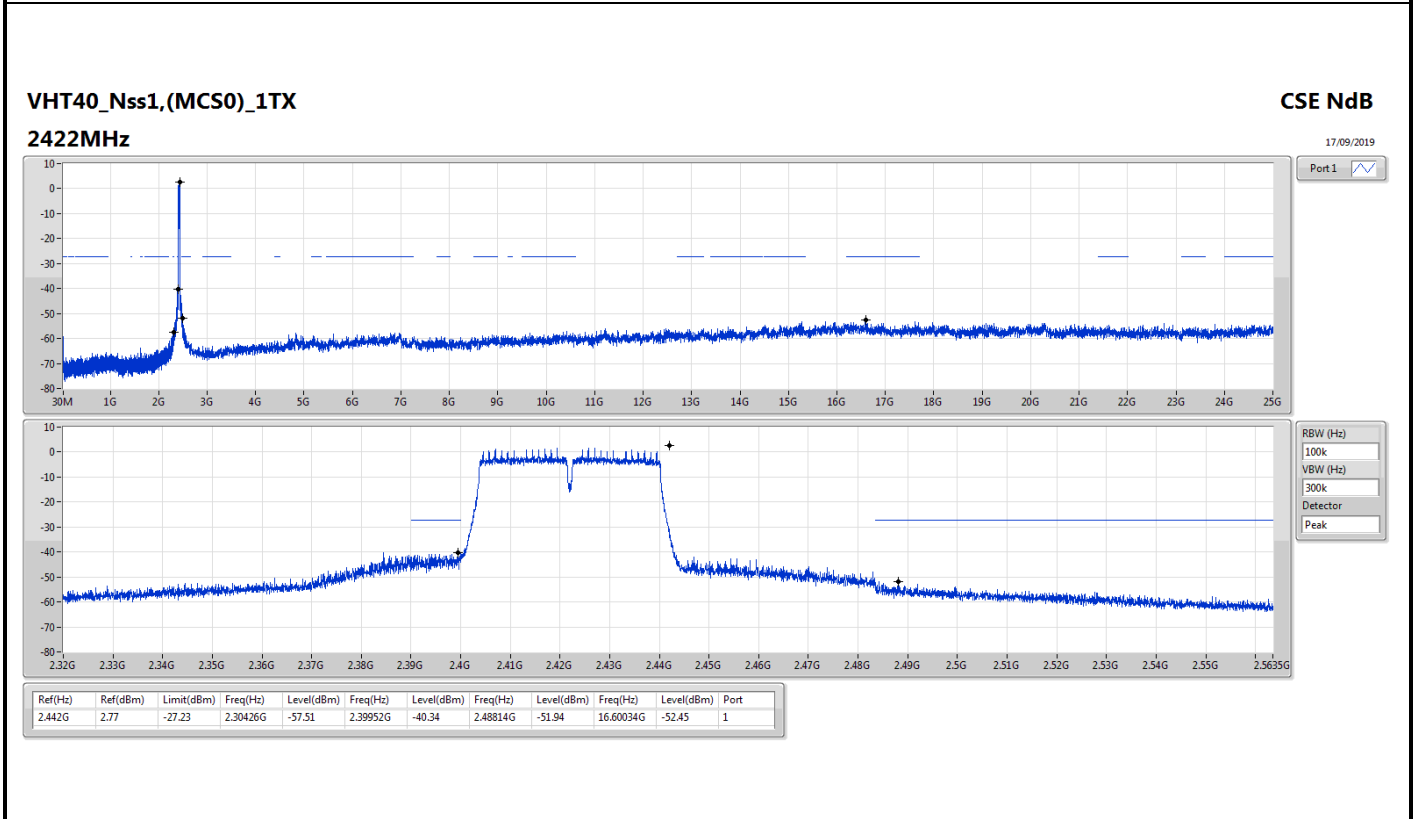
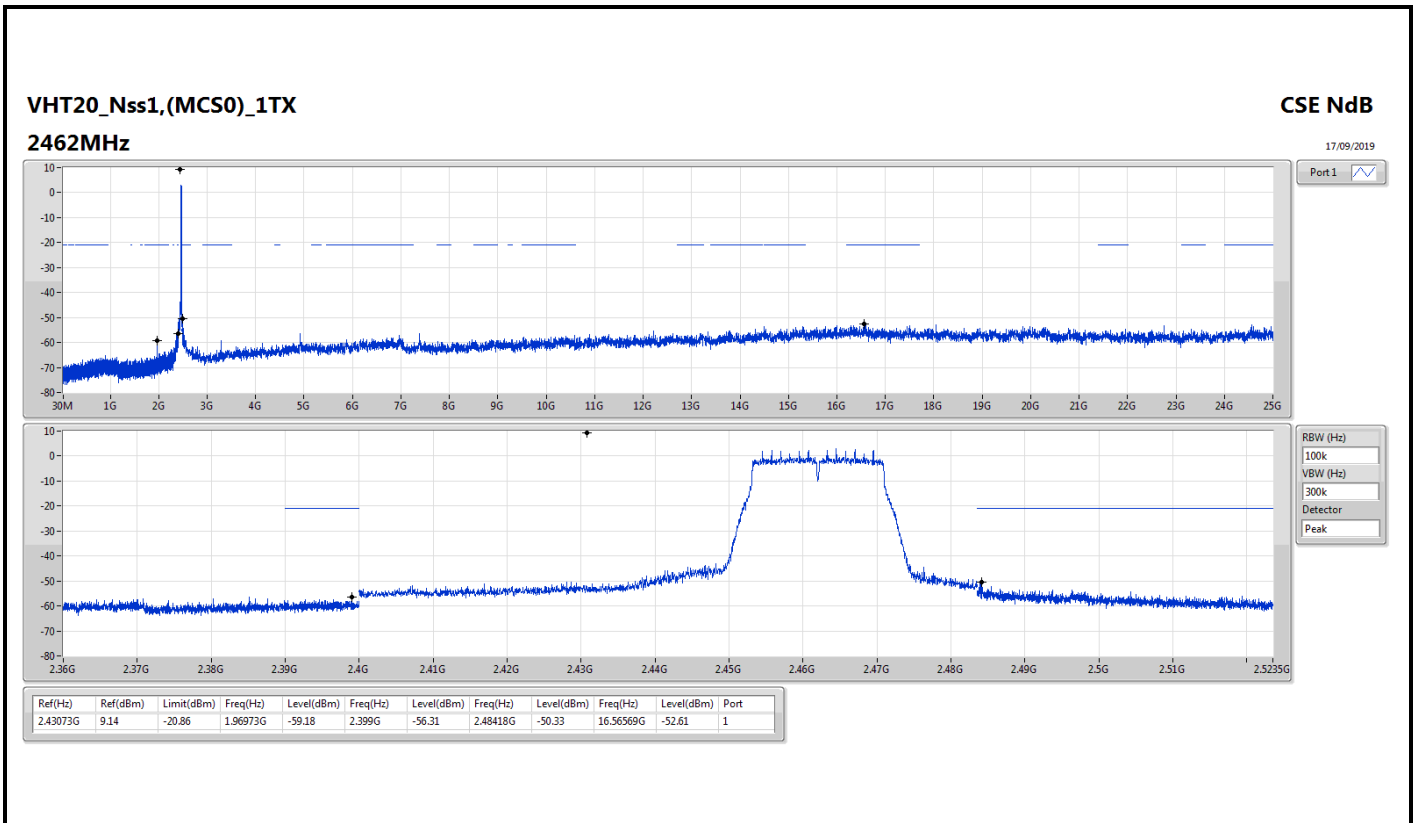


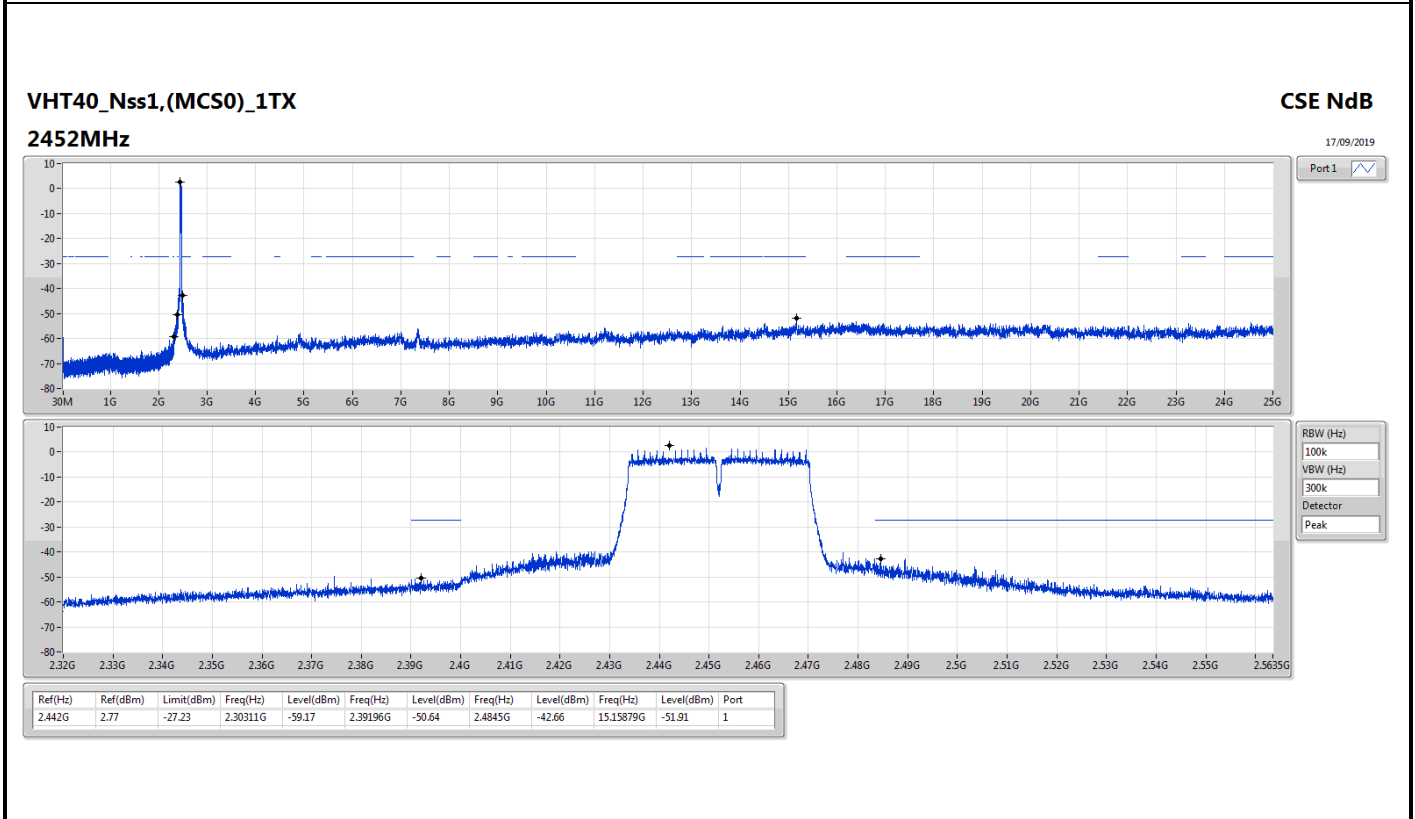
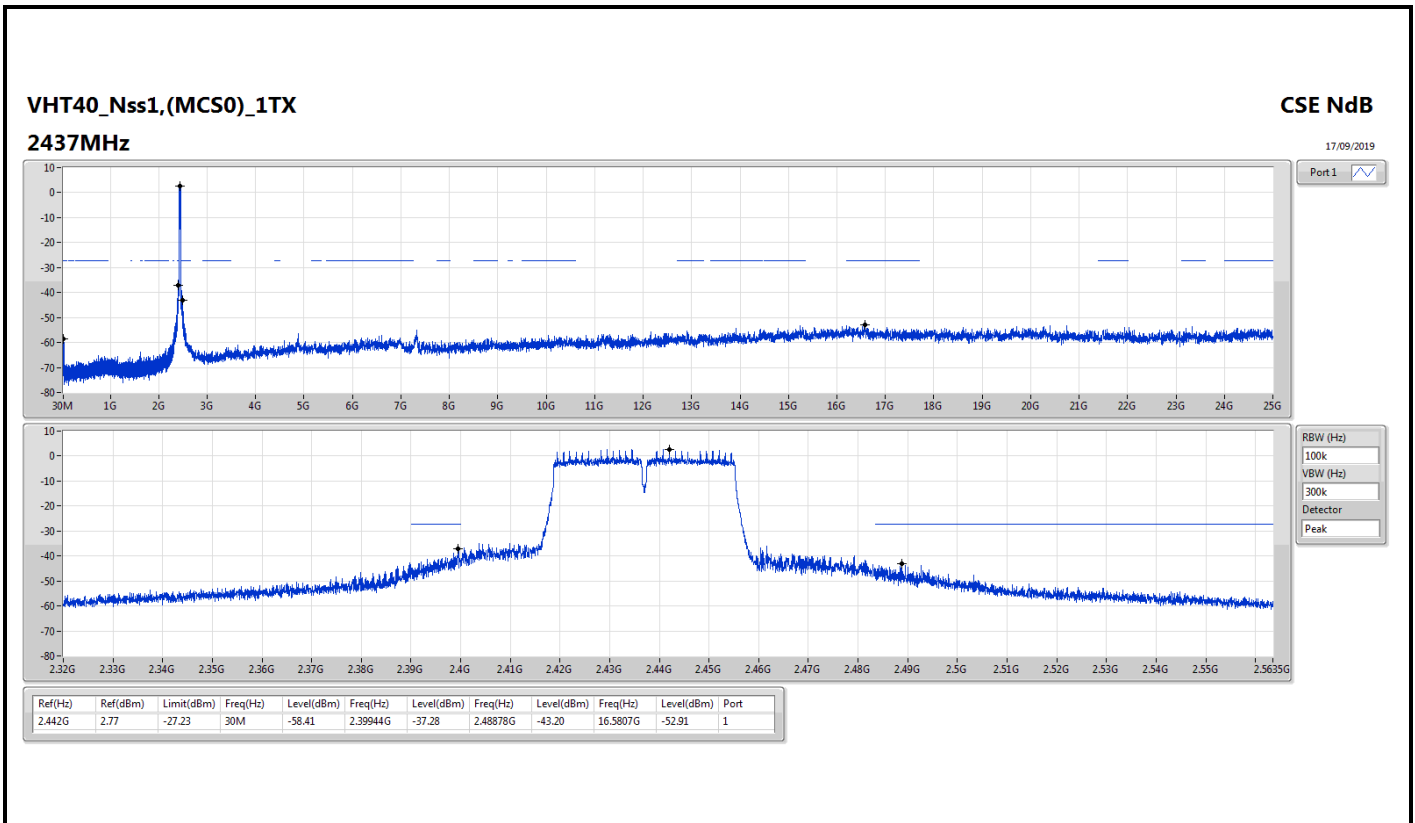


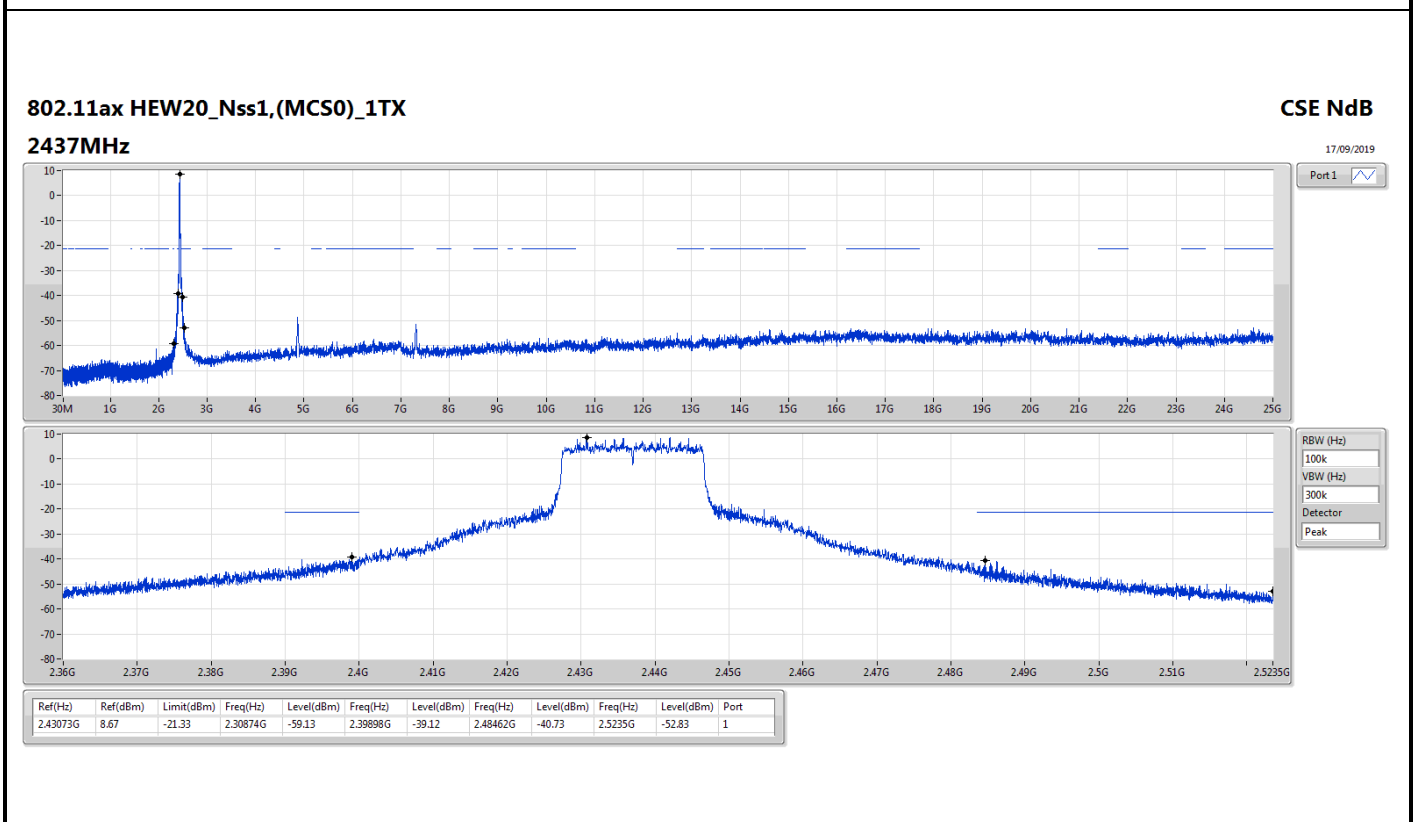
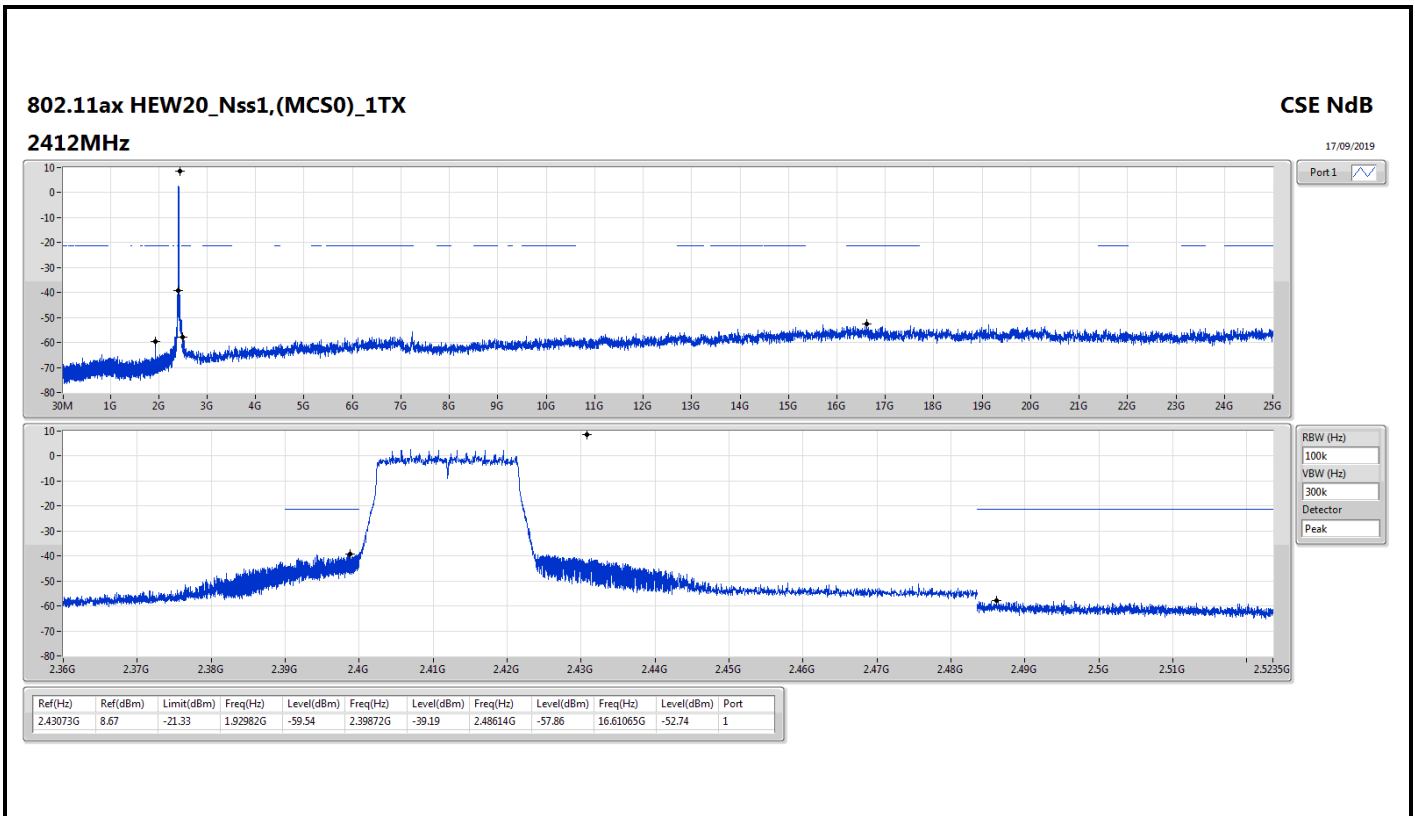


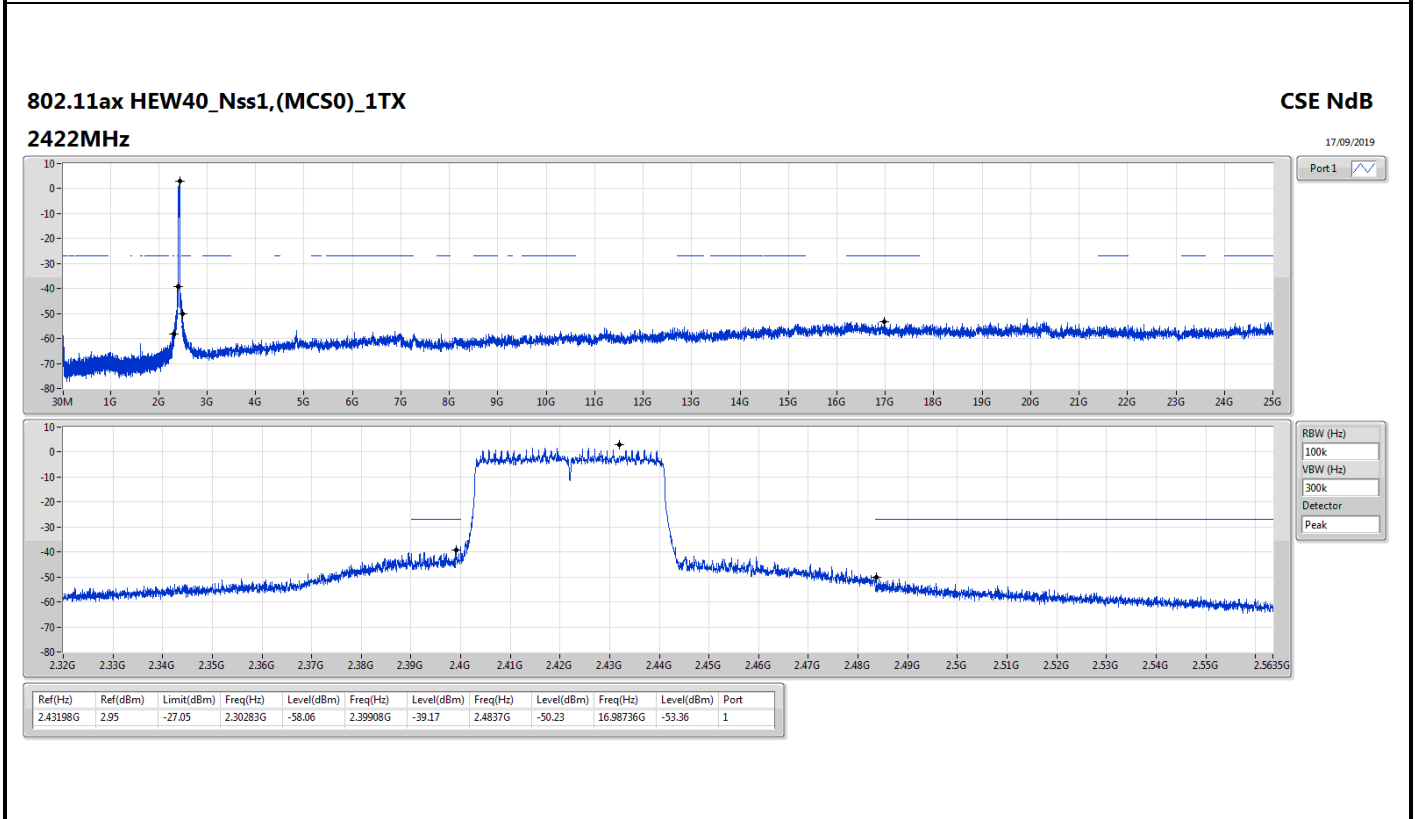
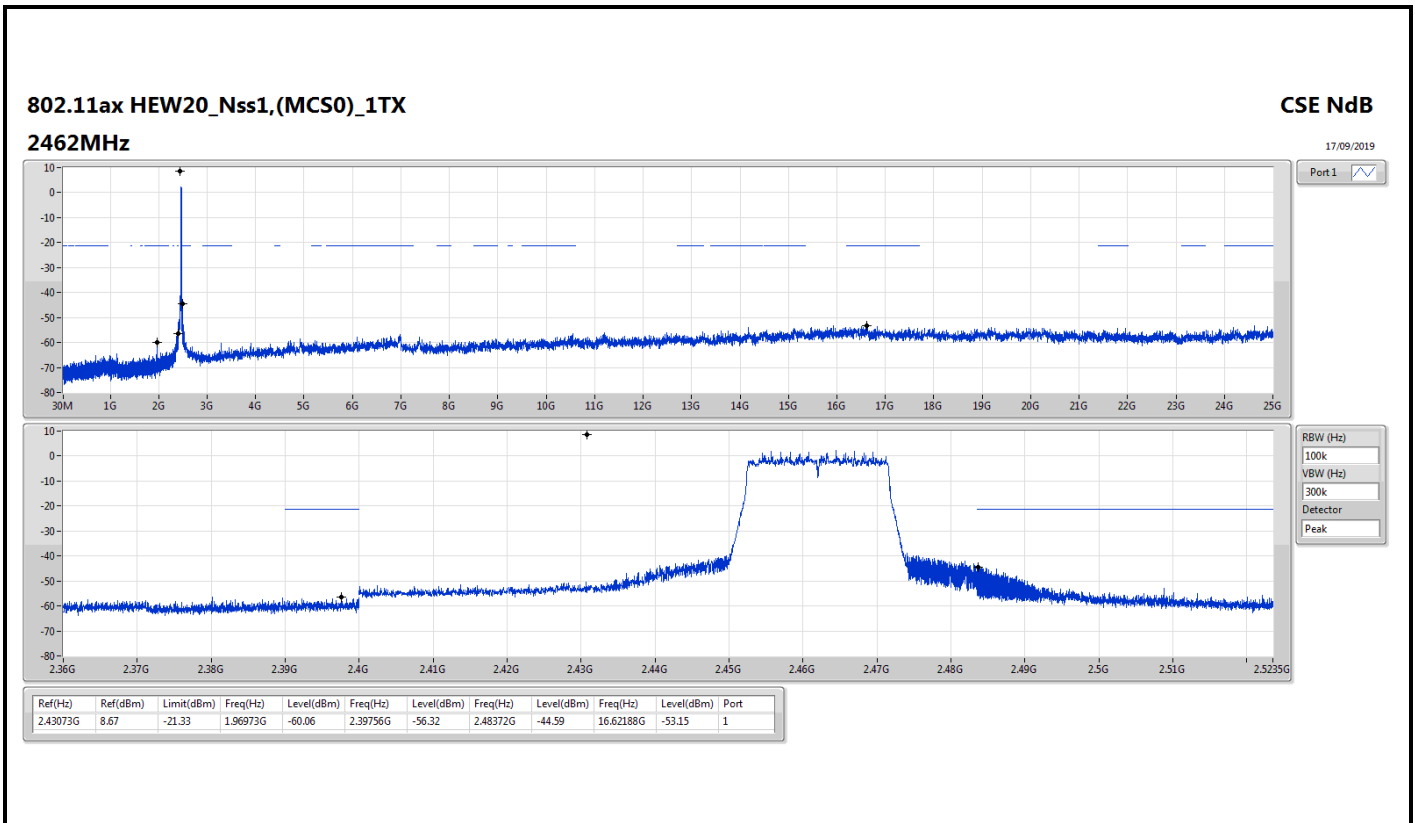


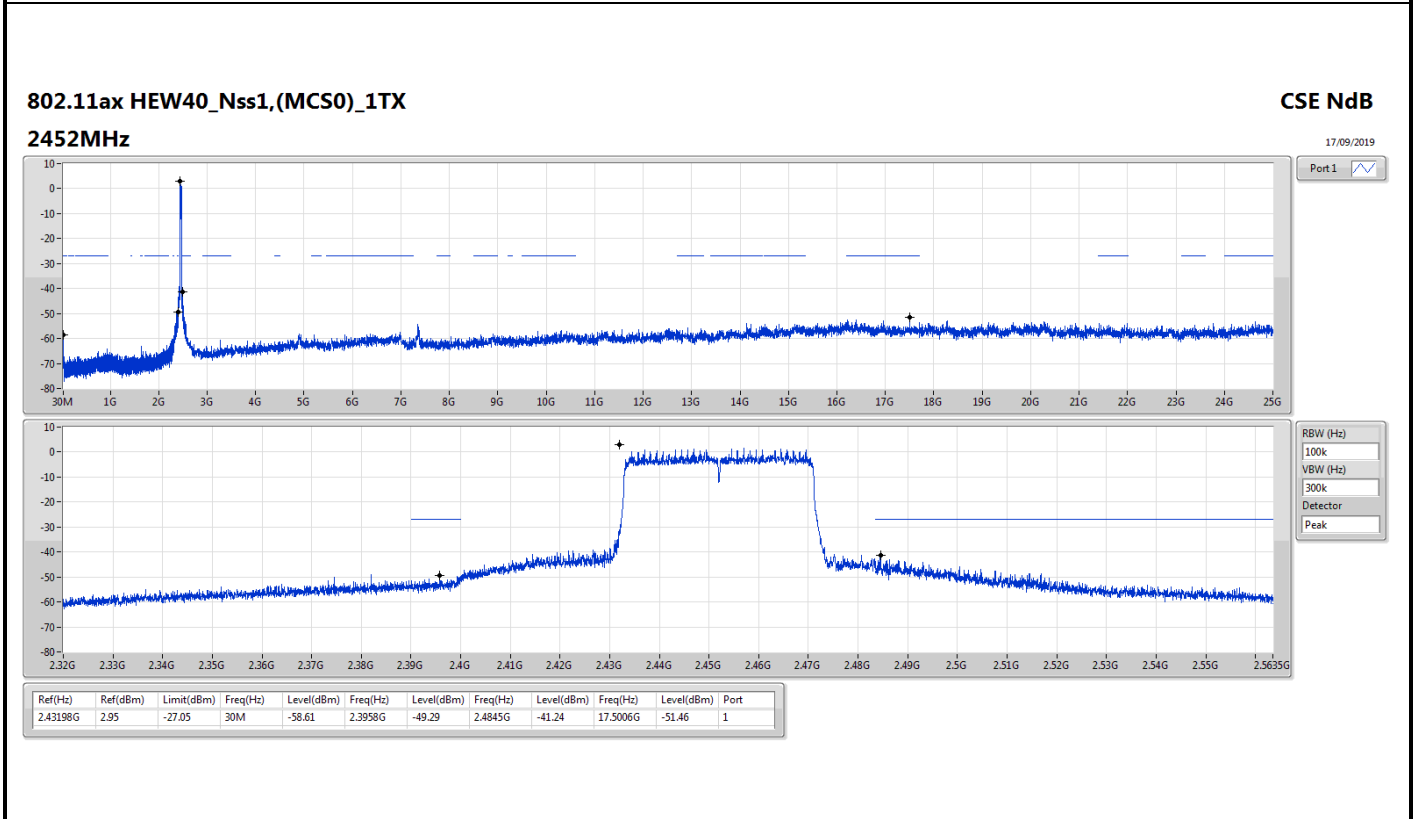
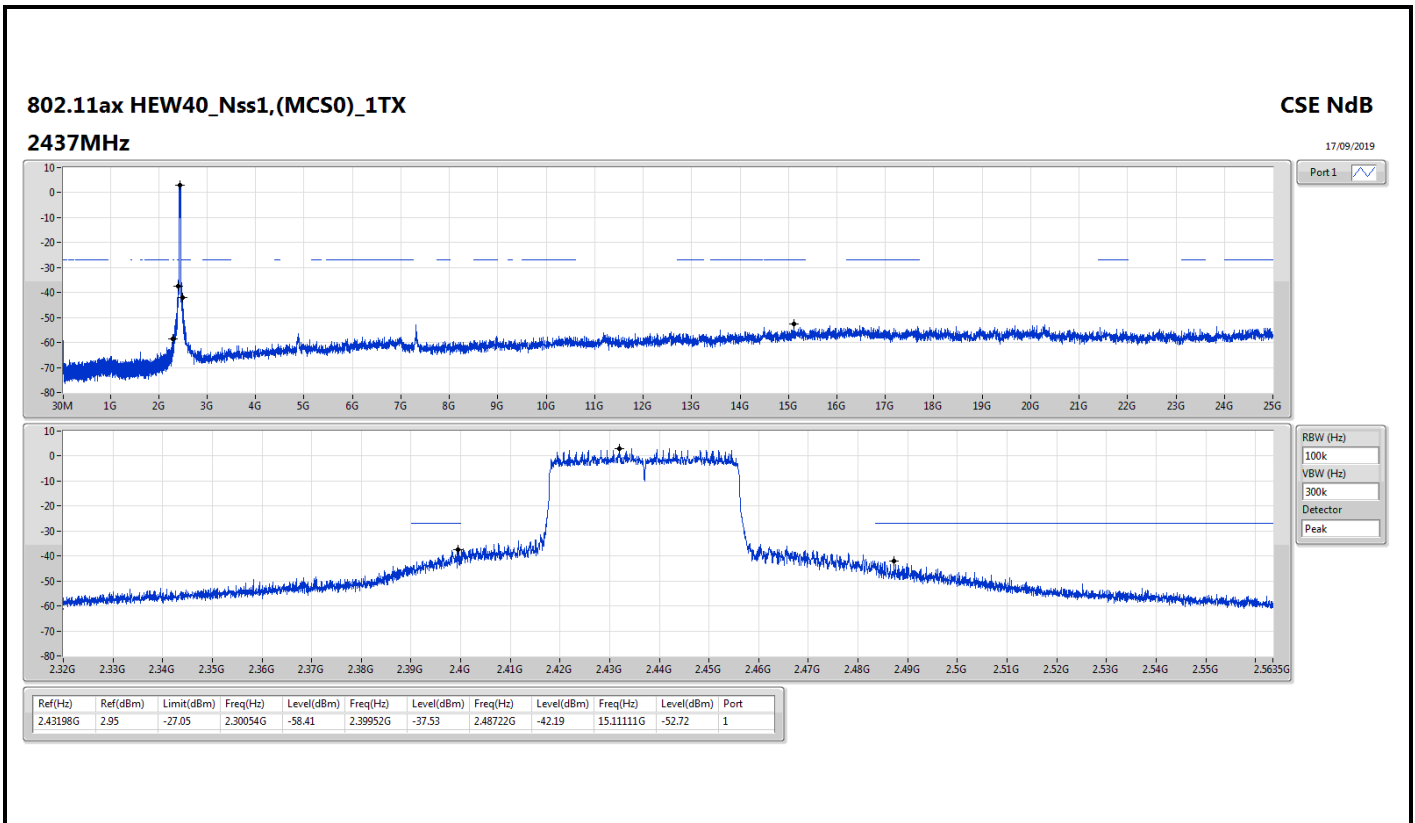














Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.43649G	15.32	-14.68	1.97409G	-55.18	2.39946G	-34.66	2.48548G	-39.91	14.62148G	-37.56	1
802.11g_Nss1,(6Mbps)_2TX	Pass	2.43945G	9.07	-20.93	1.98633G	-55.00	2.39922G	-34.32	2.50582G	-52.45	24.02227G	-39.46	2
VHT20_Nss2,(MCS0)_2TX	Pass	2.4395G	7.37	-22.63	2.13224G	-54.96	2.3998G	-37.56	2.50076G	-52.73	23.35079G	-39.36	2
VHT40_Nss2,(MCS0)_2TX	Pass	2.43198G	0.28	-29.72	2.15712G	-55.48	2.397G	-43.60	2.50174G	-51.94	23.30885G	-38.17	2
802.11ax HEW20_Nss2,(MCS0)_2TX	Pass	2.4395G	7.58	-22.42	2.15467G	-55.11	2.3978G	-37.34	2.48422G	-41.24	24.50552G	-38.88	1
802.11ax HEW40_Nss2,(MCS0)_2TX	Pass	2.43198G	0.37	-29.63	1.99368G	-55.22	2.39924G	-36.95	2.48798G	-39.00	24.08571G	-39.08	2

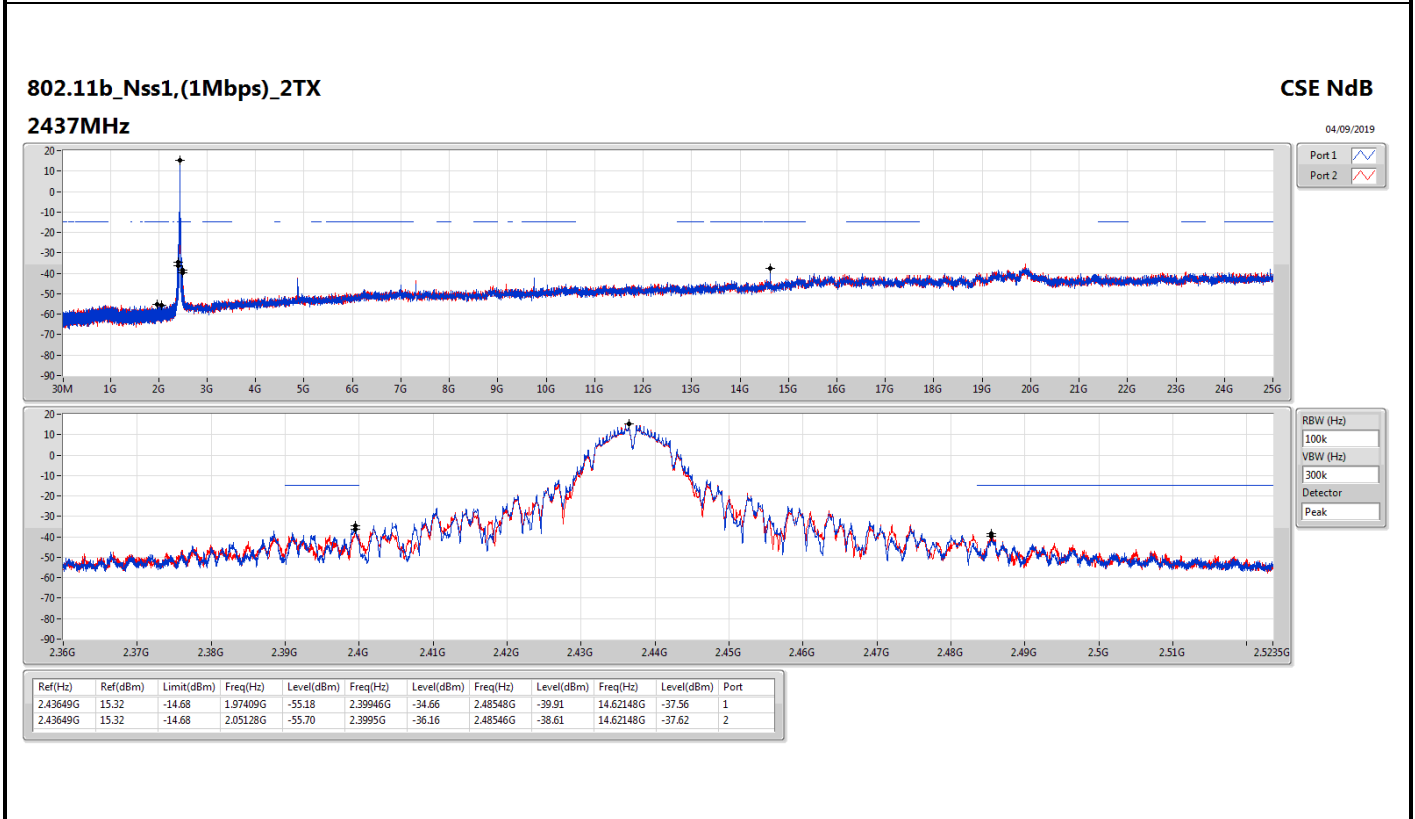
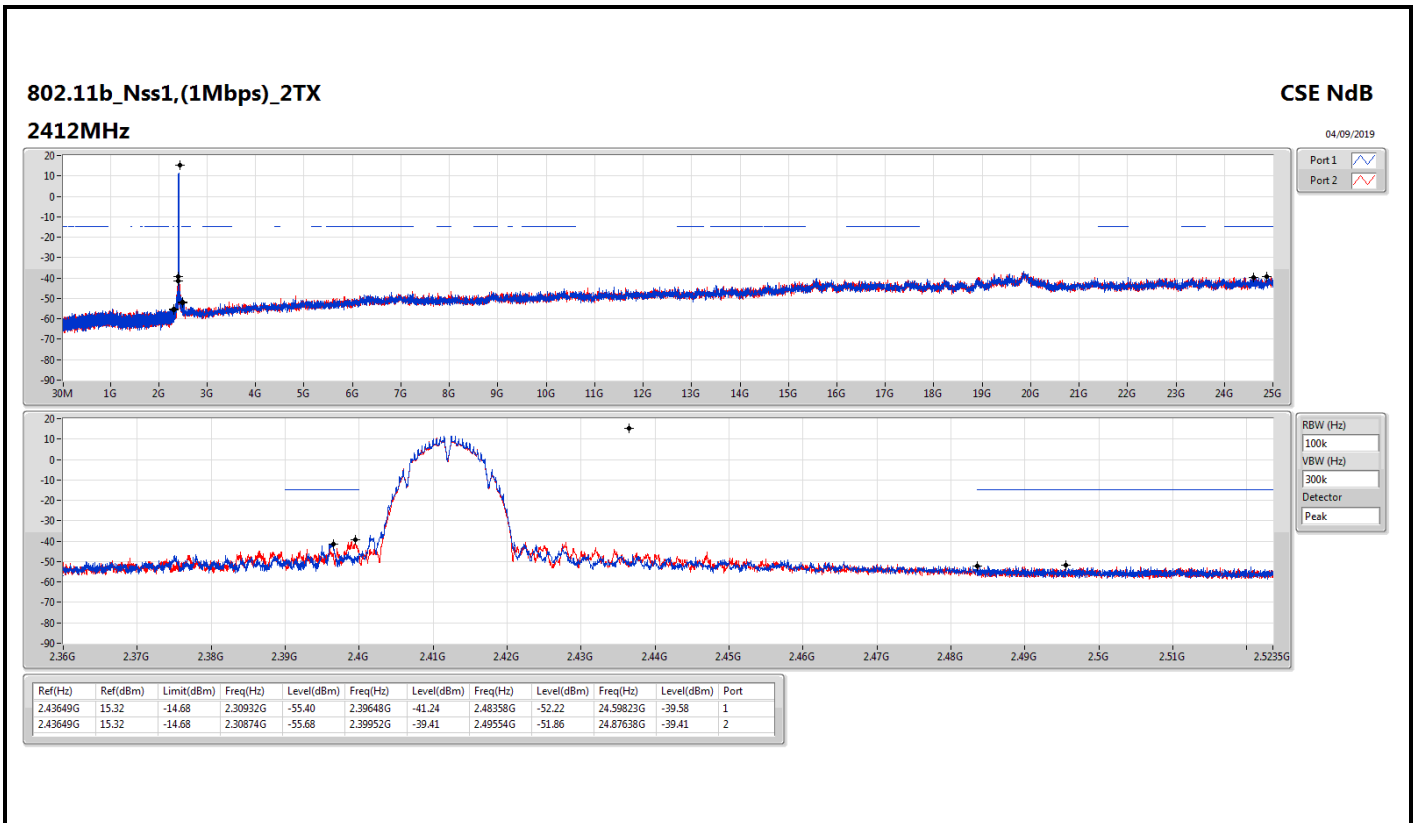


**CSE(Non-restricted Band)  
Non-Beamforming\_Sample 2\_Radio 3\_Panel 1\_2T2S**

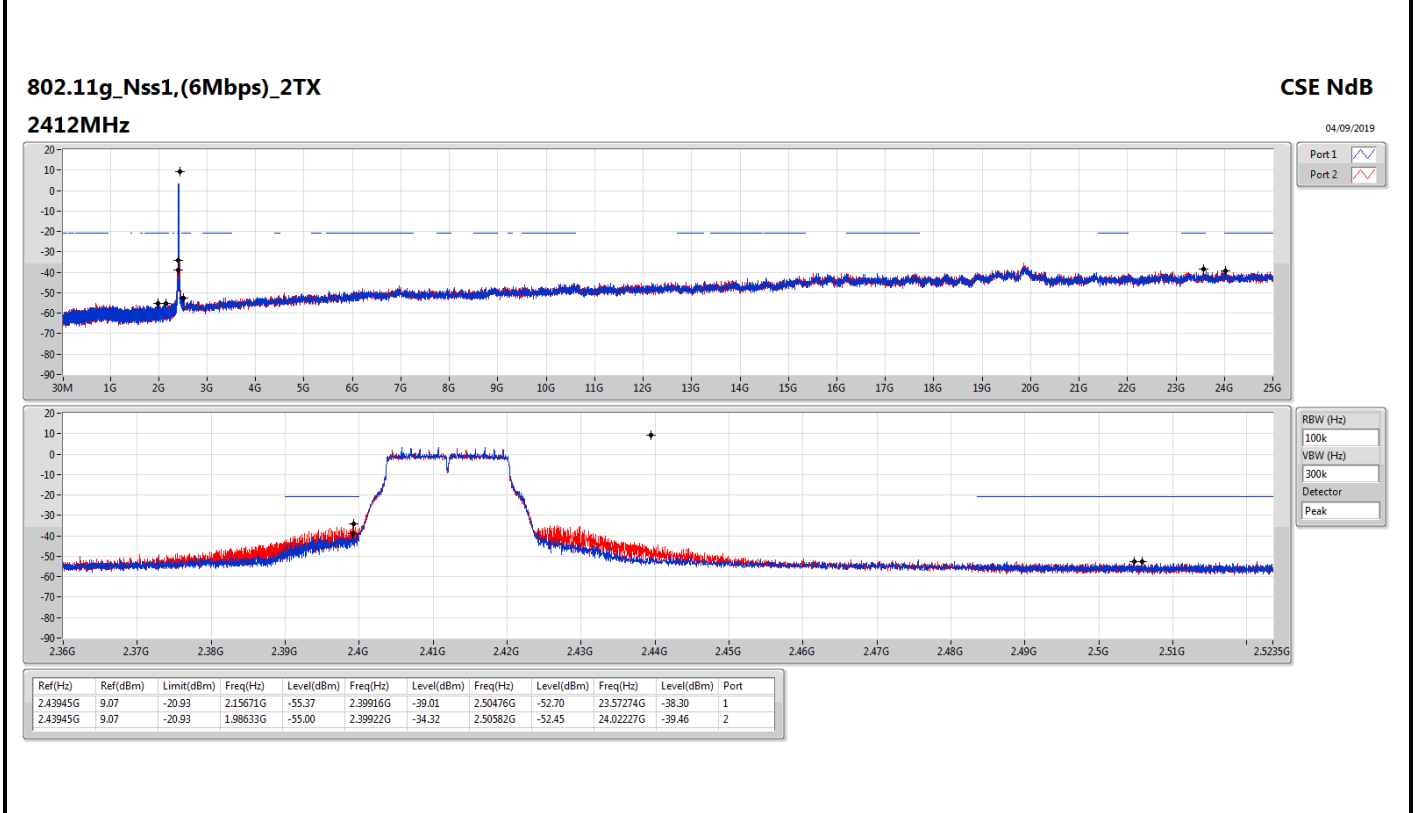
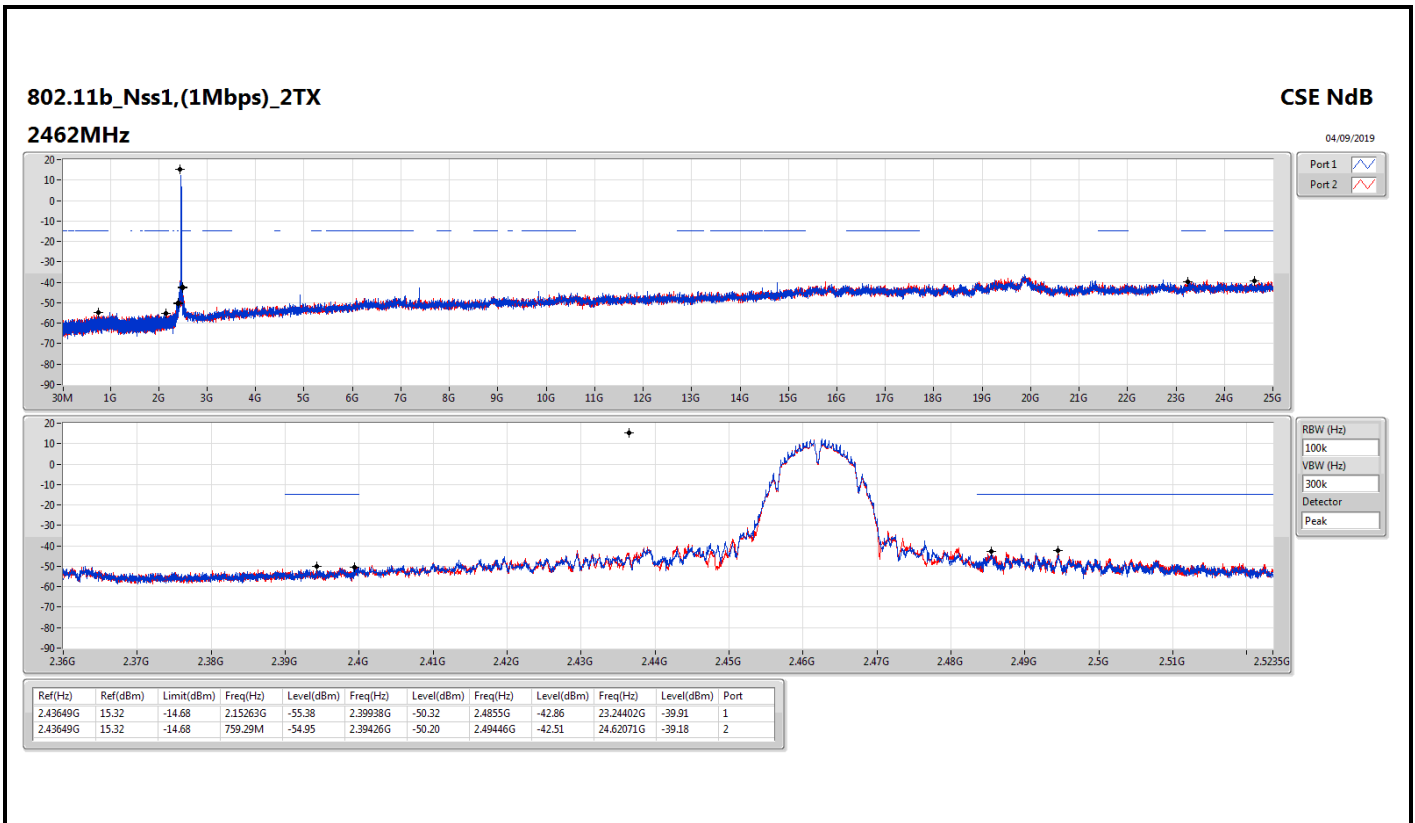
**Appendix E.14**

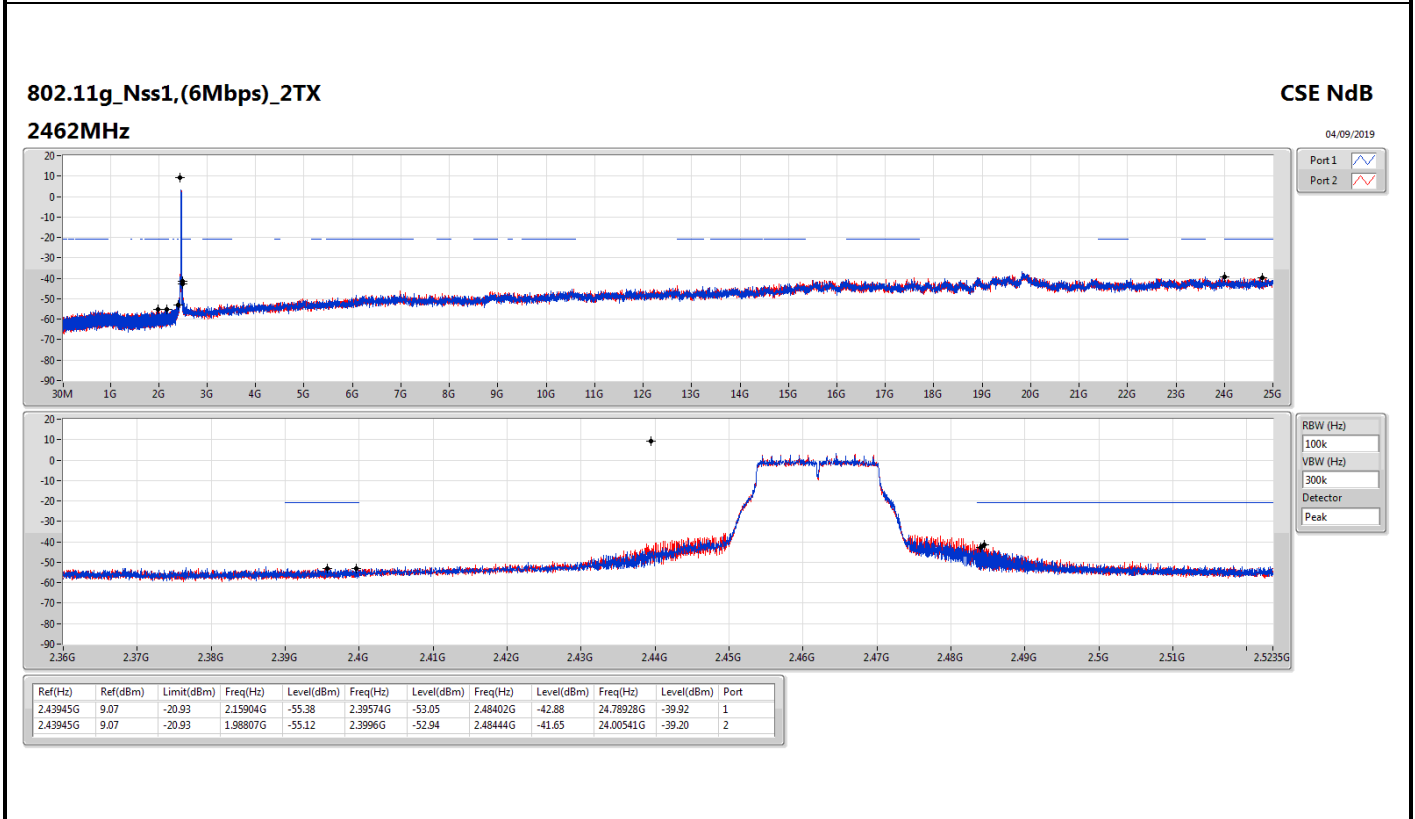
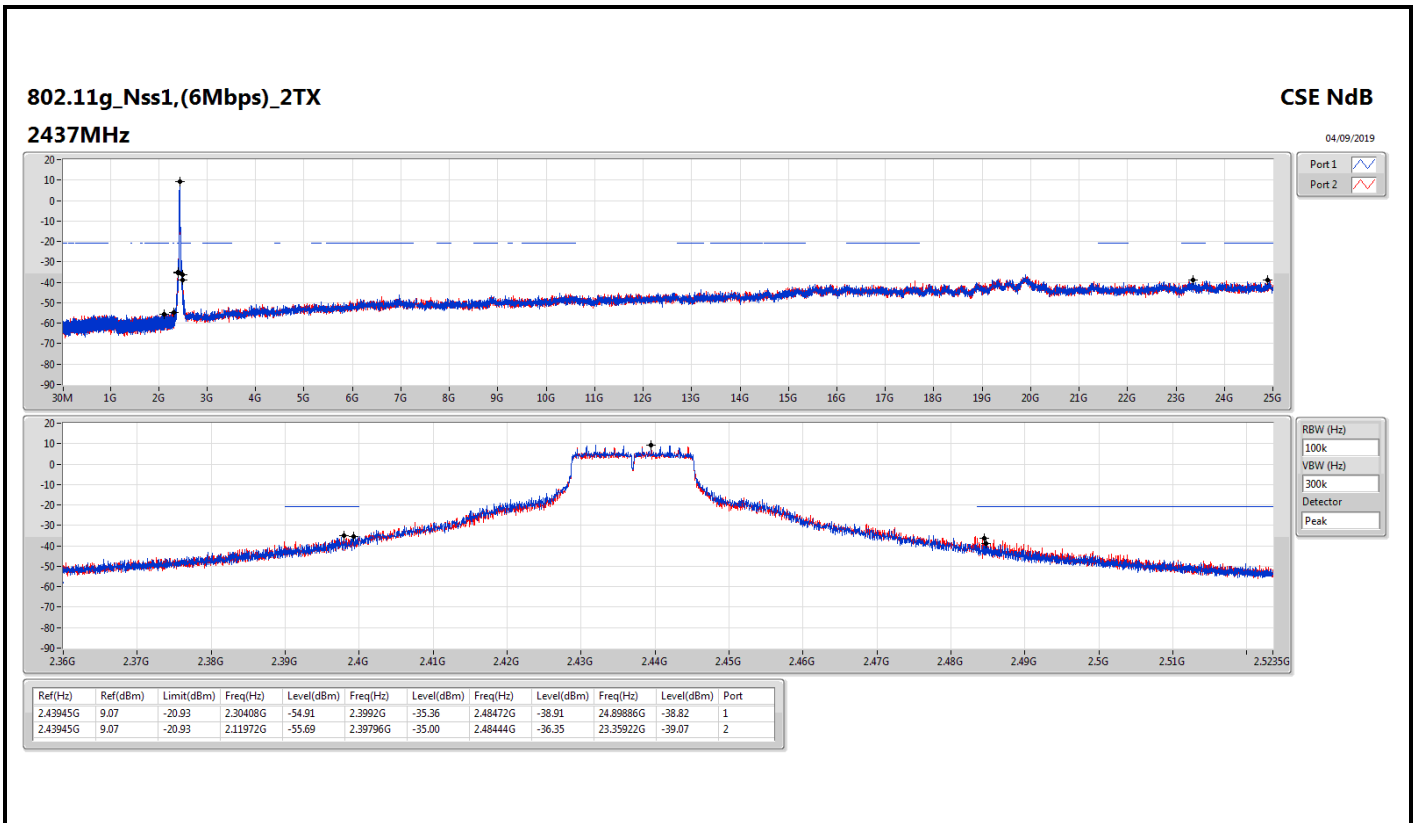
**Result**

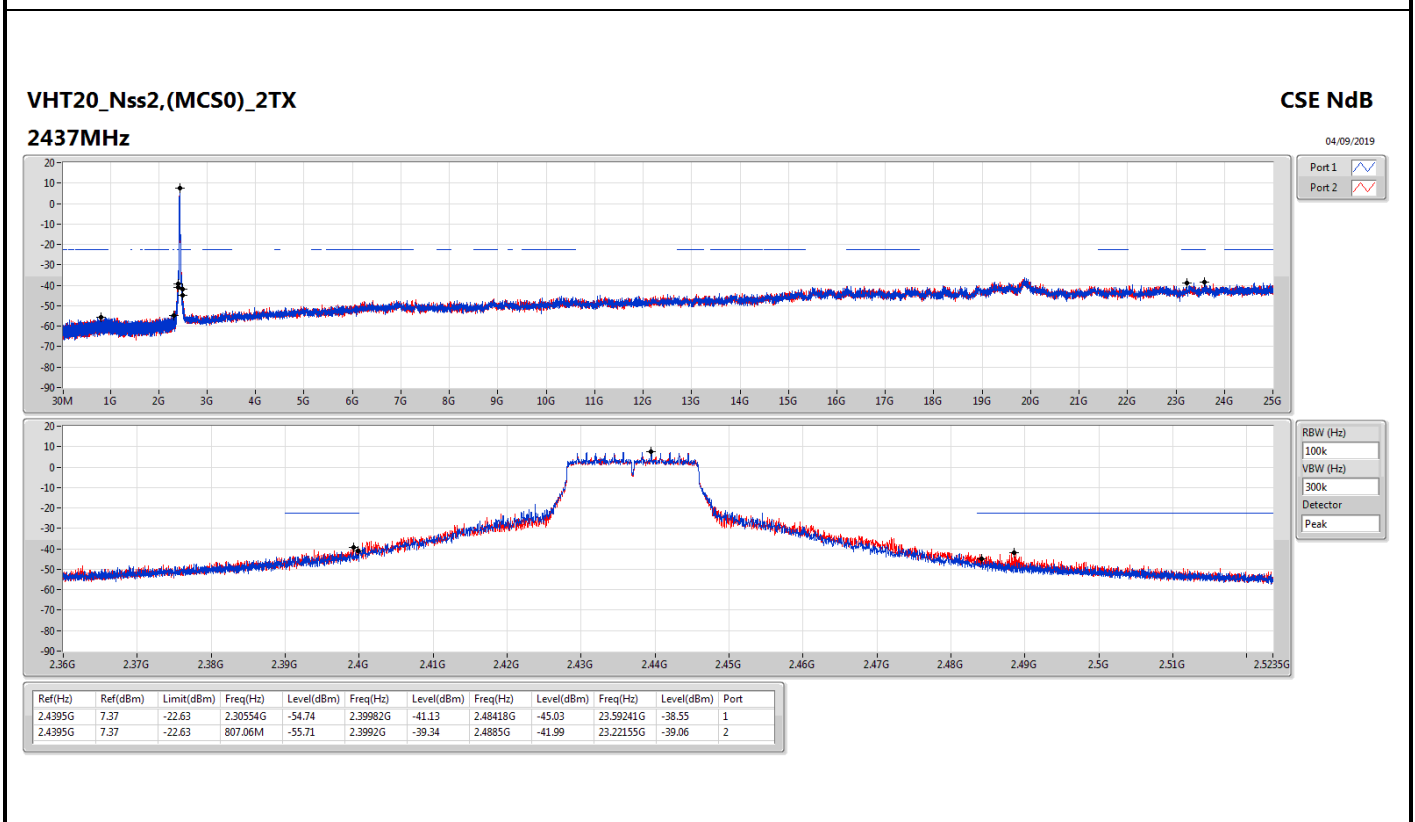
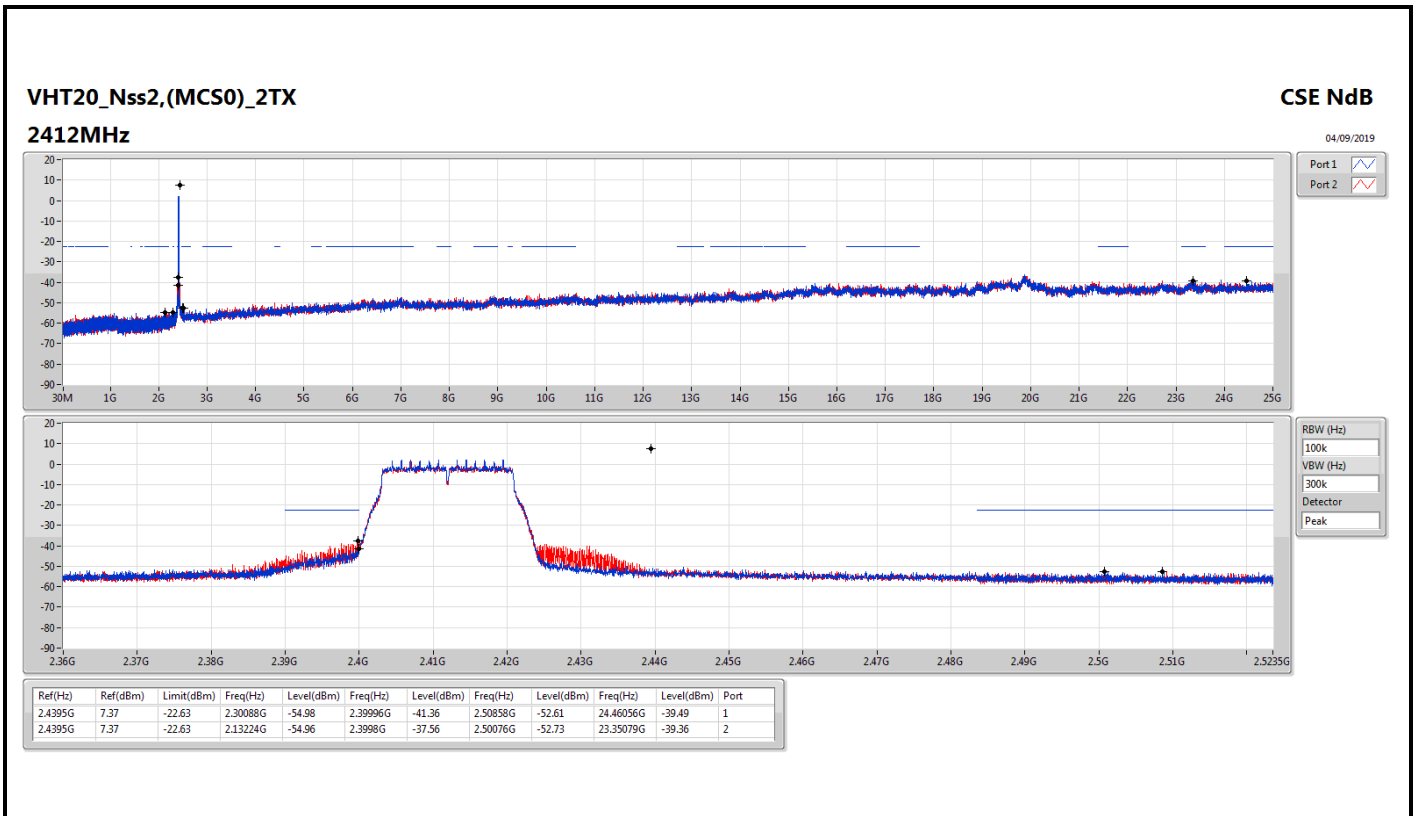
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.43649G	15.32	-14.68	2.30932G	-55.40	2.39648G	-41.24	2.48358G	-52.22	24.59823G	-39.58	1
2412MHz_TnomVnom	Pass	2.43649G	15.32	-14.68	2.30874G	-55.68	2.39952G	-39.41	2.49554G	-51.86	24.87638G	-39.41	2
2437MHz_TnomVnom	Pass	2.43649G	15.32	-14.68	1.97409G	-55.18	2.39946G	-34.66	2.48548G	-39.91	14.62148G	-37.56	1
2437MHz_TnomVnom	Pass	2.43649G	15.32	-14.68	2.05128G	-55.70	2.3995G	-36.16	2.48546G	-38.61	14.62148G	-37.62	2
2462MHz_TnomVnom	Pass	2.43649G	15.32	-14.68	2.15263G	-55.38	2.39938G	-50.32	2.4855G	-42.86	23.24402G	-39.91	1
2462MHz_TnomVnom	Pass	2.43649G	15.32	-14.68	759.29M	-54.95	2.39426G	-50.20	2.49446G	-42.51	24.62071G	-39.18	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.43945G	9.07	-20.93	2.15671G	-55.37	2.39916G	-39.01	2.50476G	-52.70	23.57274G	-38.30	1
2412MHz_TnomVnom	Pass	2.43945G	9.07	-20.93	1.98633G	-55.00	2.39922G	-34.32	2.50582G	-52.45	24.02227G	-39.46	2
2437MHz_TnomVnom	Pass	2.43945G	9.07	-20.93	2.30408G	-54.91	2.3992G	-35.36	2.48472G	-38.91	24.89886G	-38.82	1
2437MHz_TnomVnom	Pass	2.43945G	9.07	-20.93	2.11972G	-55.69	2.39796G	-35.00	2.48444G	-36.35	23.35922G	-39.07	2
2462MHz_TnomVnom	Pass	2.43945G	9.07	-20.93	2.15904G	-55.38	2.39574G	-53.05	2.48402G	-42.88	24.78928G	-39.92	1
2462MHz_TnomVnom	Pass	2.43945G	9.07	-20.93	1.98807G	-55.12	2.3996G	-52.94	2.48444G	-41.65	24.00541G	-39.20	2
VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.4395G	7.37	-22.63	2.30088G	-54.98	2.39996G	-41.36	2.50858G	-52.61	24.46056G	-39.49	1
2412MHz_TnomVnom	Pass	2.4395G	7.37	-22.63	2.13224G	-54.96	2.3998G	-37.56	2.50076G	-52.73	23.35079G	-39.36	2
2437MHz_TnomVnom	Pass	2.4395G	7.37	-22.63	2.30554G	-54.74	2.39982G	-41.13	2.48418G	-45.03	23.59241G	-38.55	1
2437MHz_TnomVnom	Pass	2.4395G	7.37	-22.63	807.06M	-55.71	2.3992G	-39.34	2.4885G	-41.99	23.22155G	-39.06	2
2462MHz_TnomVnom	Pass	2.4395G	7.37	-22.63	2.00031G	-55.12	2.39298G	-52.62	2.48536G	-48.55	24.37628G	-39.04	1
2462MHz_TnomVnom	Pass	2.4395G	7.37	-22.63	707.74M	-54.60	2.39386G	-53.05	2.48542G	-38.13	23.33393G	-39.11	2
VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	2.43198G	0.28	-29.72	2.02058G	-54.39	2.39948G	-43.64	2.49174G	-51.97	23.18264G	-39.36	1
2422MHz_TnomVnom	Pass	2.43198G	0.28	-29.72	2.15712G	-55.48	2.397G	-43.60	2.50174G	-51.94	23.30885G	-38.17	2
2437MHz_TnomVnom	Pass	2.43198G	0.28	-29.72	1.97621G	-54.96	2.39948G	-39.69	2.49062G	-49.14	24.98037G	-39.19	1
2437MHz_TnomVnom	Pass	2.43198G	0.28	-29.72	2.11648G	-53.95	2.39948G	-40.00	2.49498G	-45.19	23.4014G	-38.82	2
2452MHz_TnomVnom	Pass	2.43198G	0.28	-29.72	705.55M	-54.58	2.39952G	-51.64	2.48946G	-44.98	17.60437G	-39.54	1
2452MHz_TnomVnom	Pass	2.43198G	0.28	-29.72	2.15398G	-55.31	2.39448G	-51.73	2.4845G	-46.69	24.64382G	-39.46	2
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.4395G	7.58	-22.42	2.30029G	-55.04	2.39998G	-38.22	2.48474G	-52.27	23.30583G	-38.29	1
2412MHz_TnomVnom	Pass	2.4395G	7.58	-22.42	2.00351G	-54.90	2.39812G	-37.84	2.50578G	-53.04	24.94662G	-39.27	2
2437MHz_TnomVnom	Pass	2.4395G	7.58	-22.42	2.15467G	-55.11	2.3978G	-37.34	2.48422G	-41.24	24.50552G	-38.88	1
2437MHz_TnomVnom	Pass	2.4395G	7.58	-22.42	2.14622G	-55.12	2.39806G	-39.54	2.4844G	-41.80	24.70219G	-38.94	2
2462MHz_TnomVnom	Pass	2.4395G	7.58	-22.42	1.83837G	-53.83	2.39764G	-52.69	2.48584G	-44.64	23.57274G	-39.63	1
2462MHz_TnomVnom	Pass	2.4395G	7.58	-22.42	1.76672G	-55.44	2.3967G	-52.82	2.4842G	-37.65	24.7949G	-39.12	2
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	2.43198G	0.37	-29.63	2.30512G	-55.44	2.3982G	-44.06	2.48878G	-51.98	24.61297G	-39.08	1
2422MHz_TnomVnom	Pass	2.43198G	0.37	-29.63	780.26M	-55.07	2.39528G	-42.89	2.49062G	-52.36	23.5276G	-38.60	2
2437MHz_TnomVnom	Pass	2.43198G	0.37	-29.63	2.30884G	-55.16	2.39924G	-37.35	2.48994G	-39.34	24.10815G	-39.08	1
2437MHz_TnomVnom	Pass	2.43198G	0.37	-29.63	1.99368G	-55.22	2.39924G	-36.95	2.48798G	-39.00	24.08571G	-39.08	2
2452MHz_TnomVnom	Pass	2.43198G	0.37	-29.63	1.95475G	-54.88	2.39928G	-51.68	2.48442G	-46.25	23.36494G	-39.32	1
2452MHz_TnomVnom	Pass	2.43198G	0.37	-29.63	2.11877G	-54.61	2.39768G	-51.69	2.48386G	-45.67	24.94391G	-39.34	2

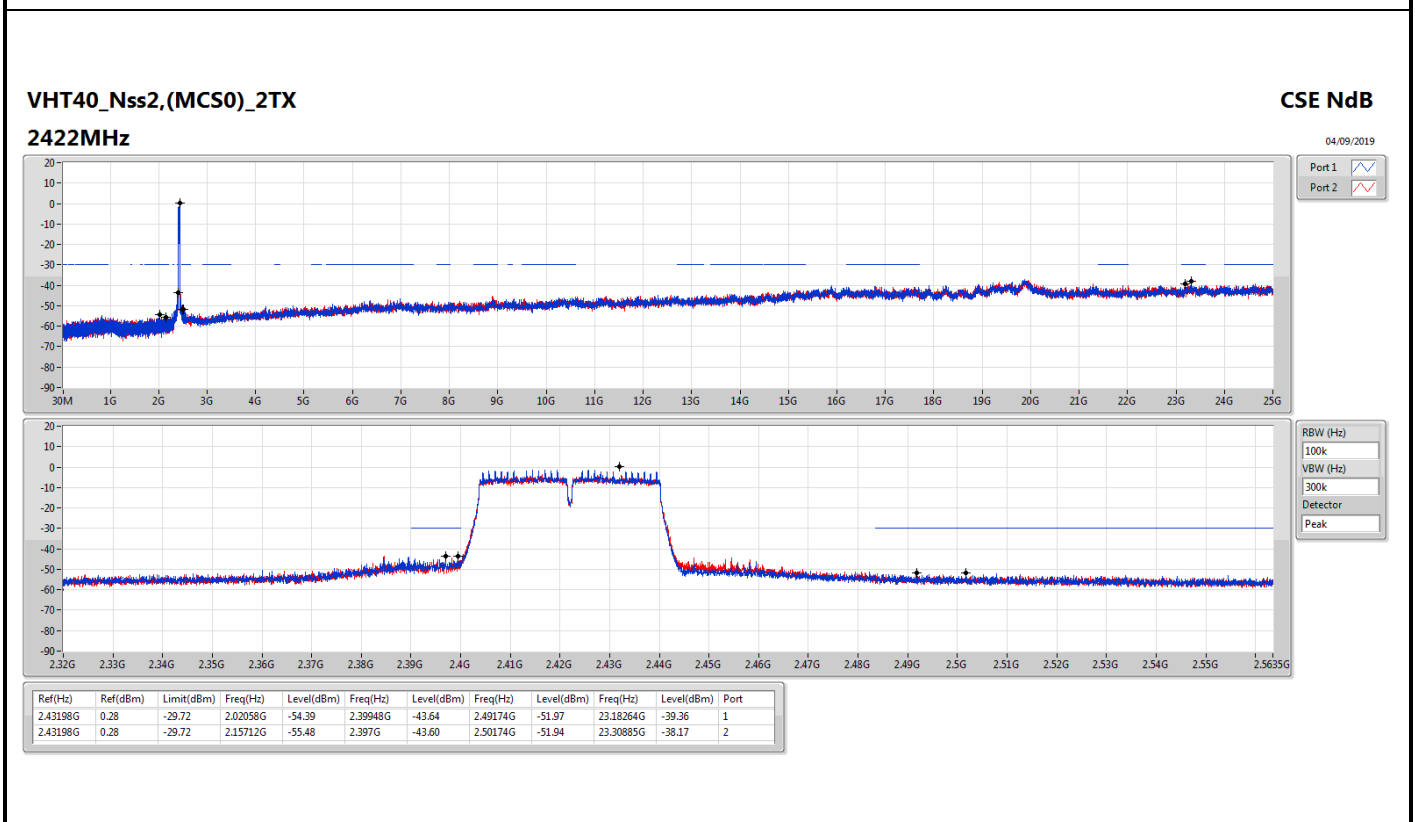
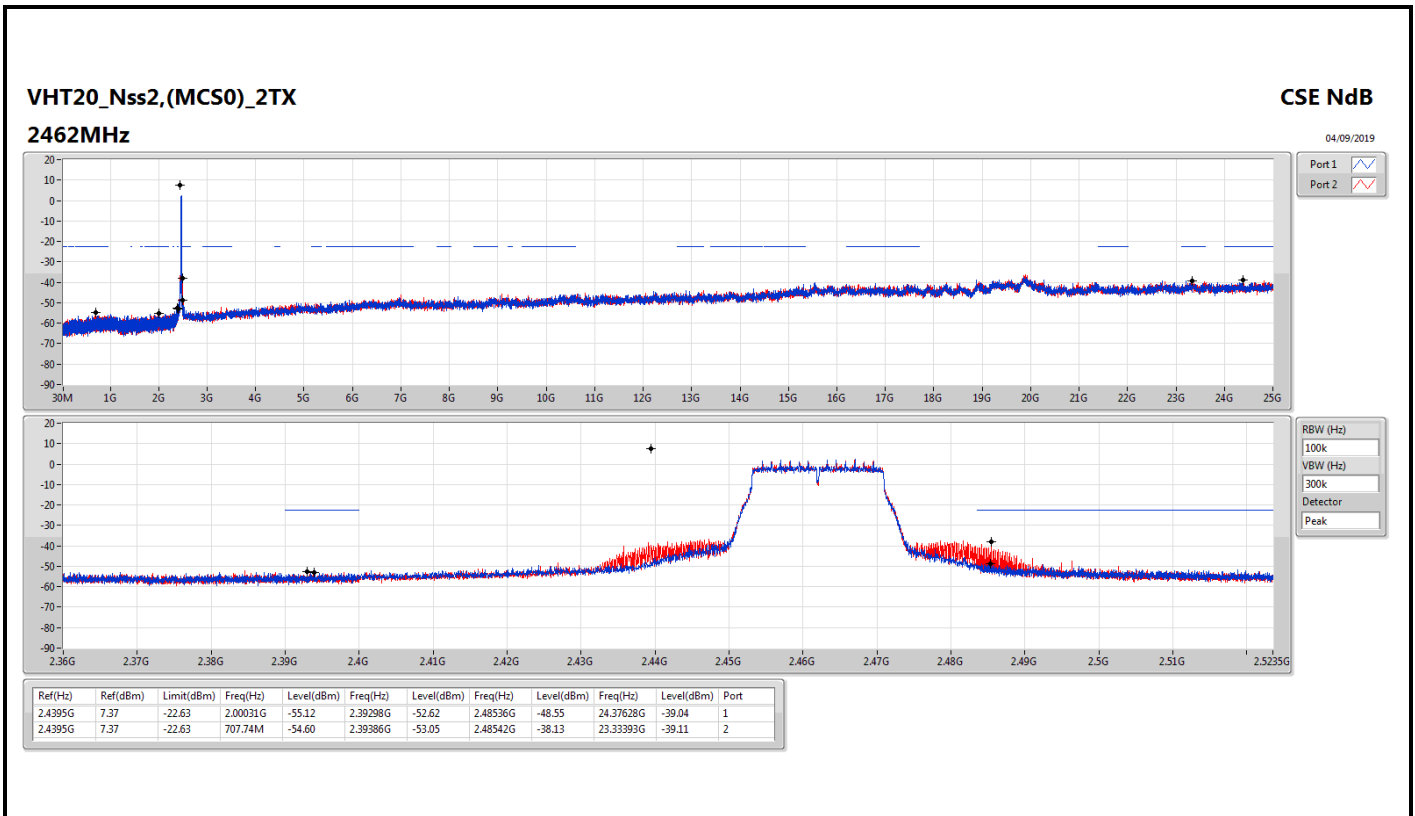


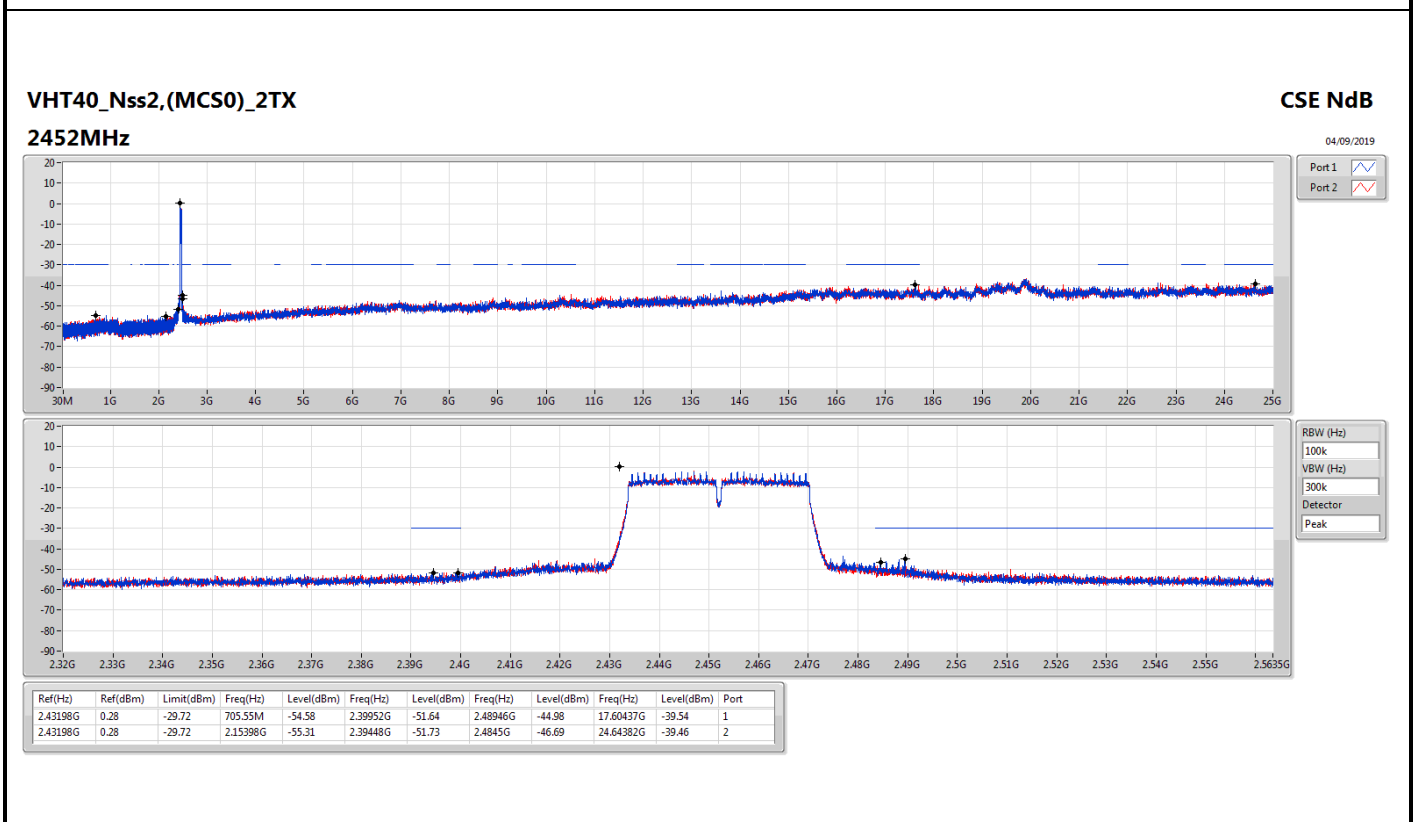
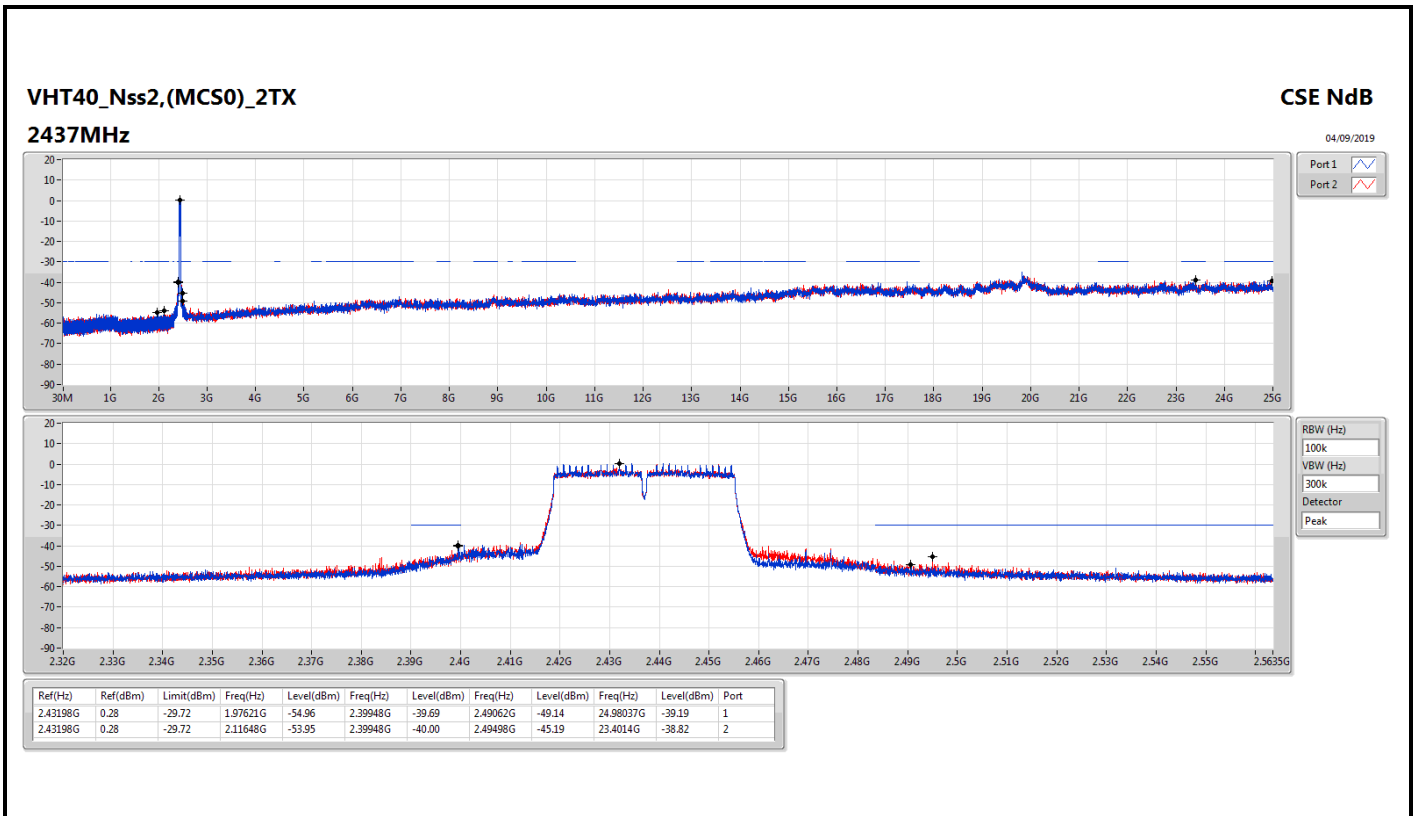


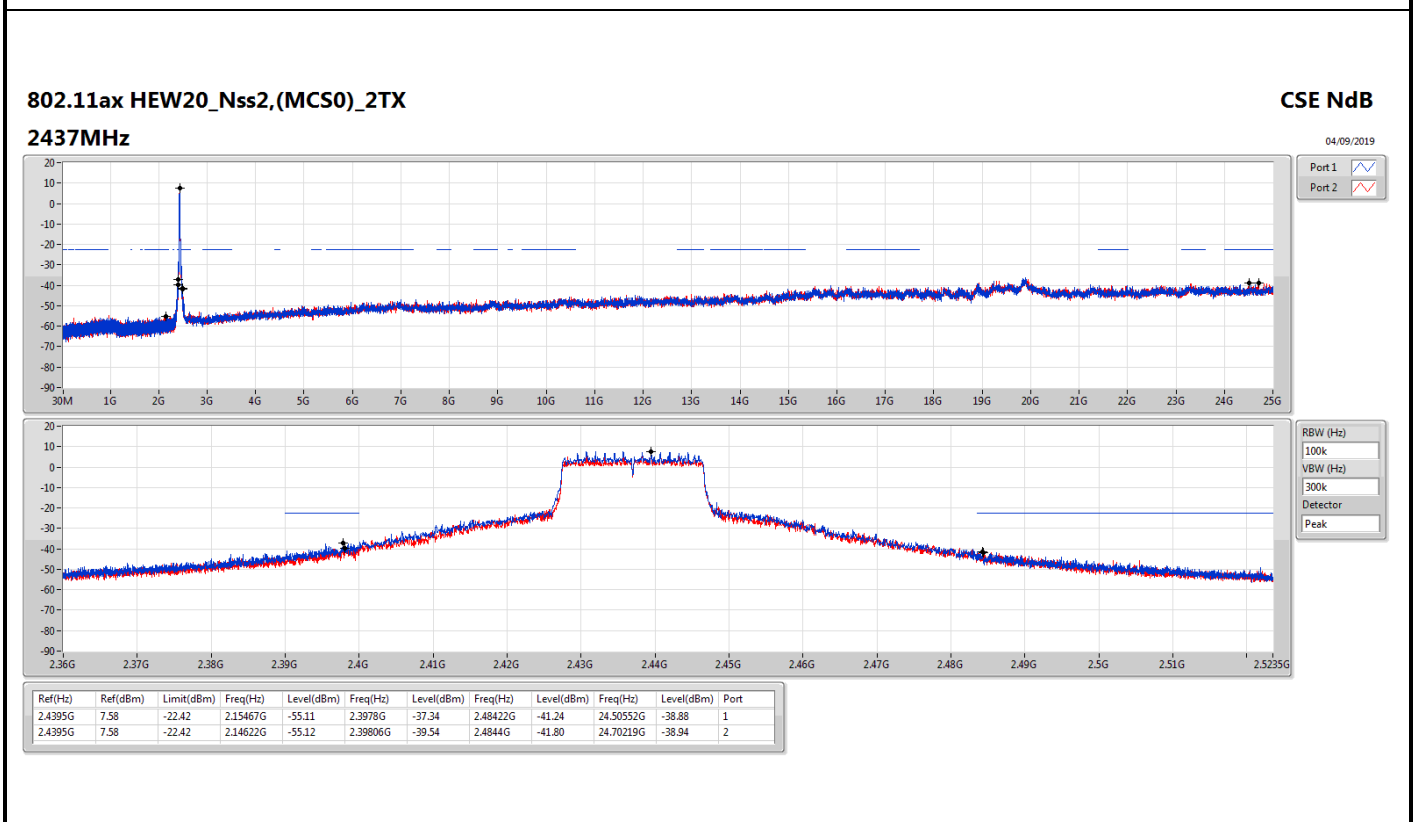
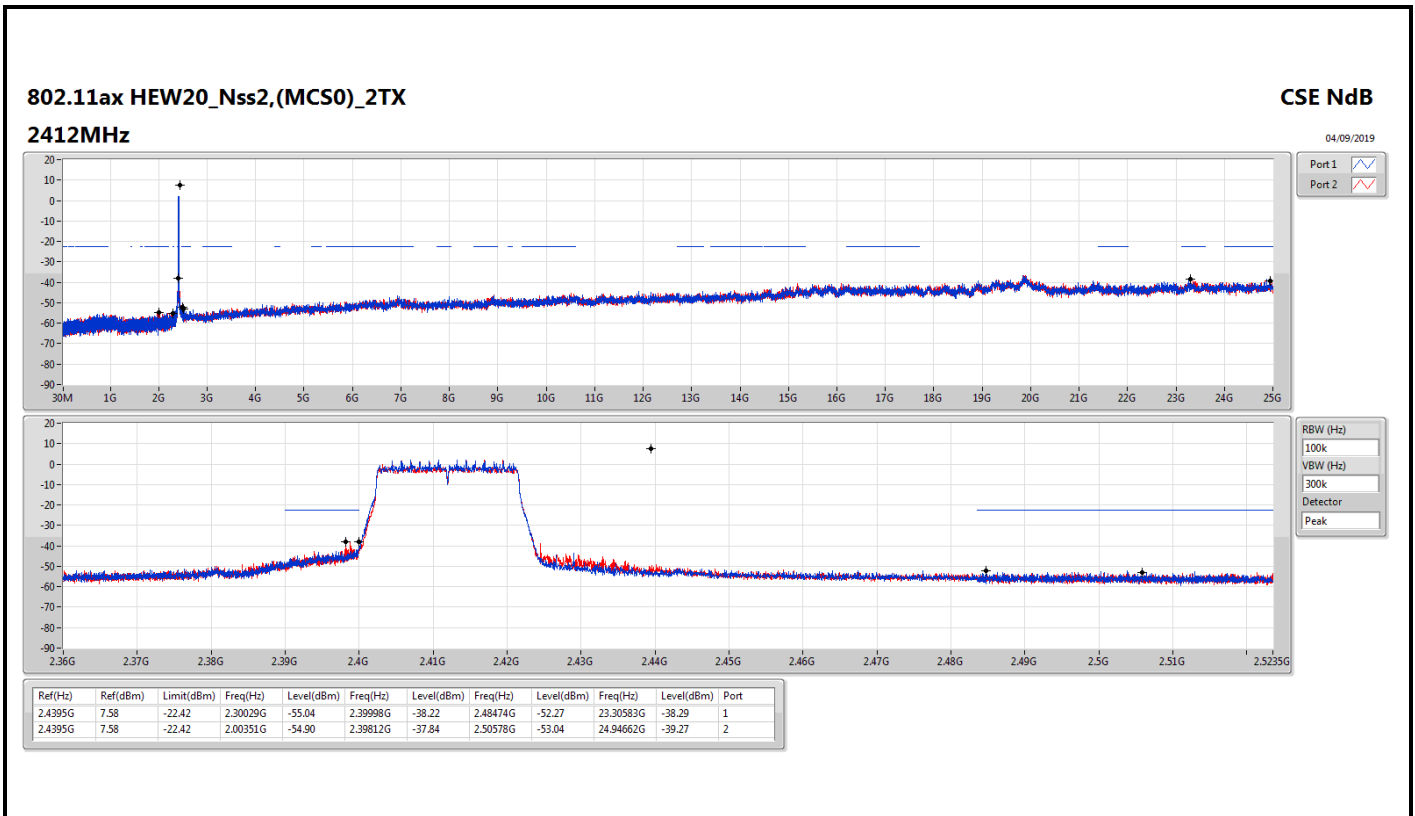


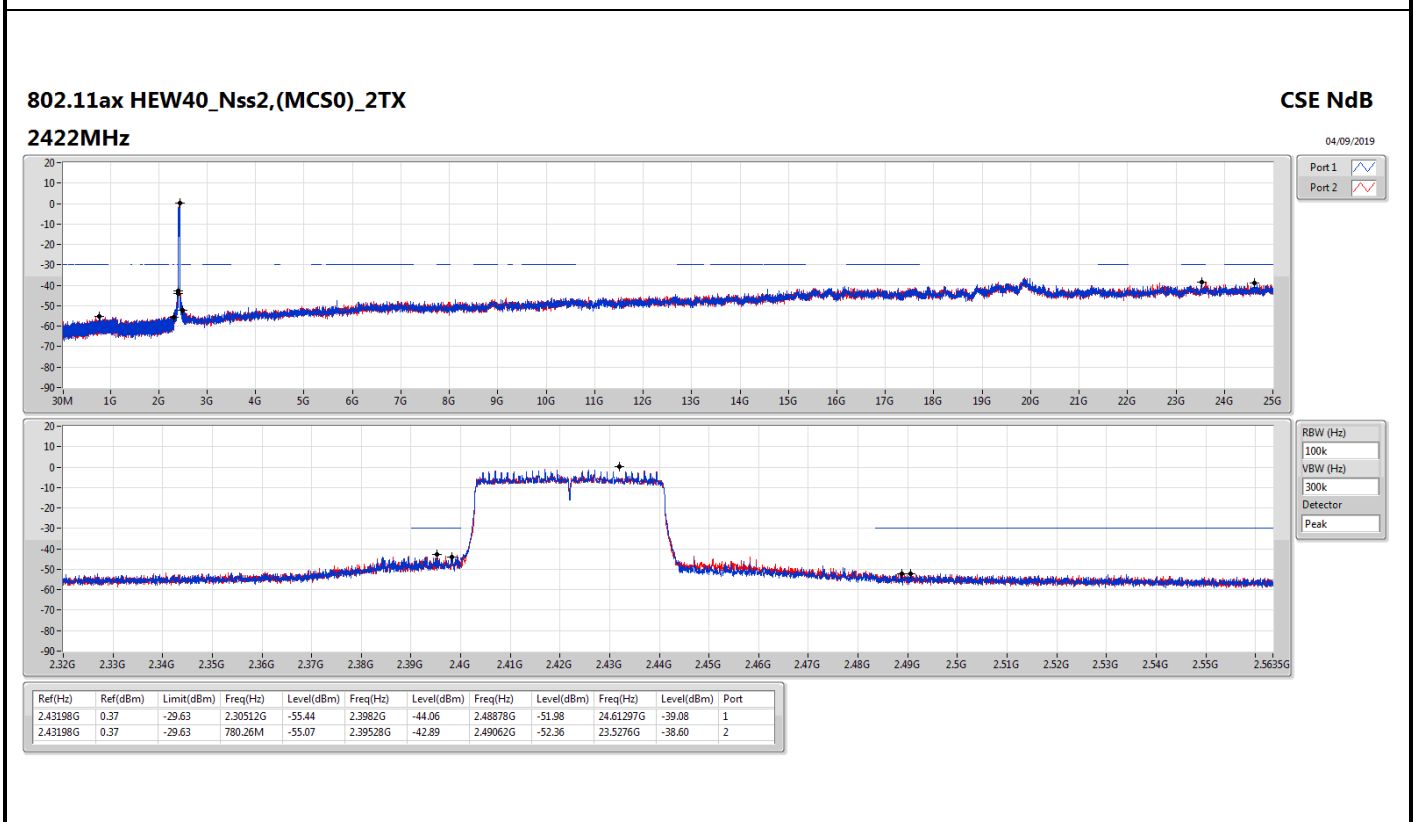
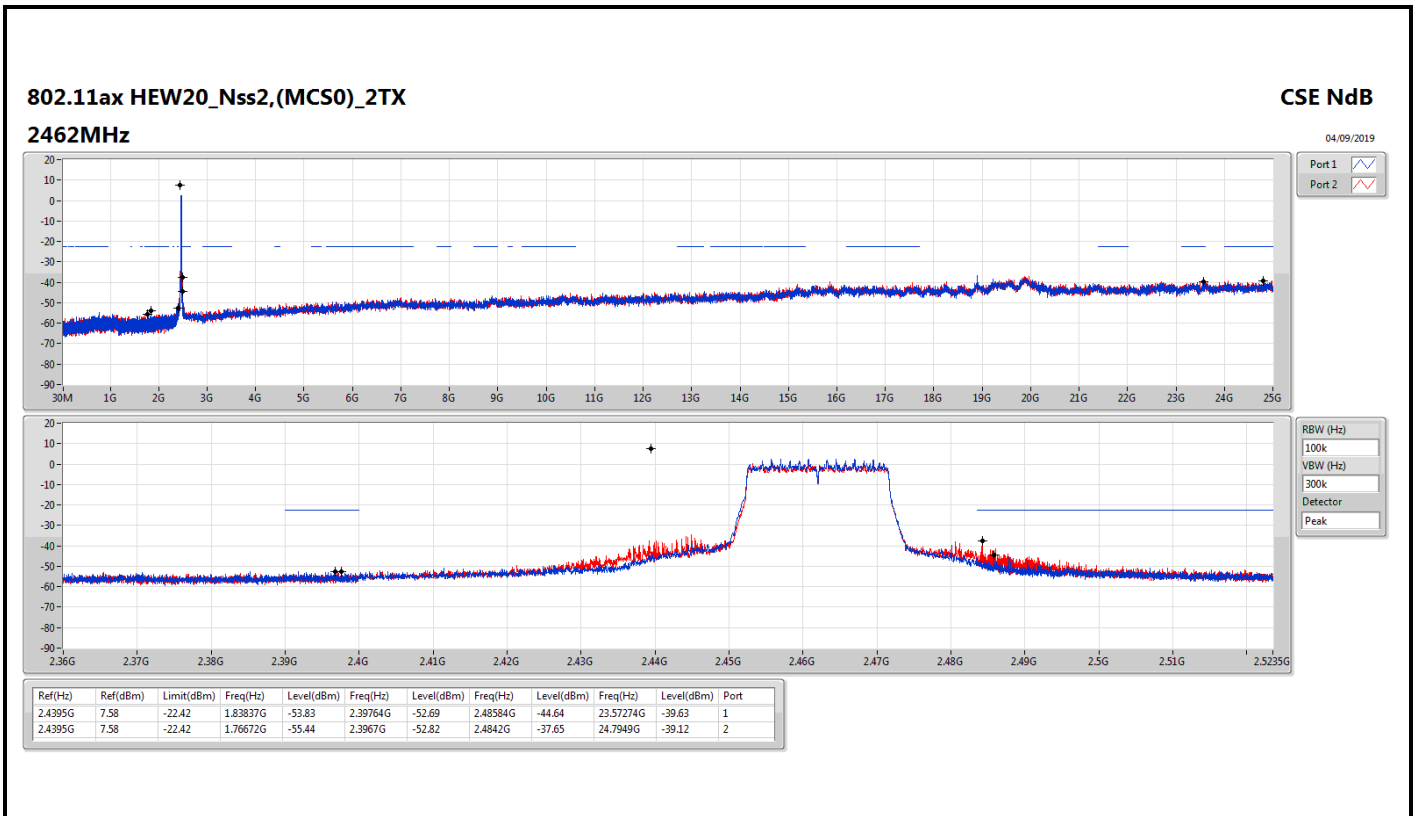


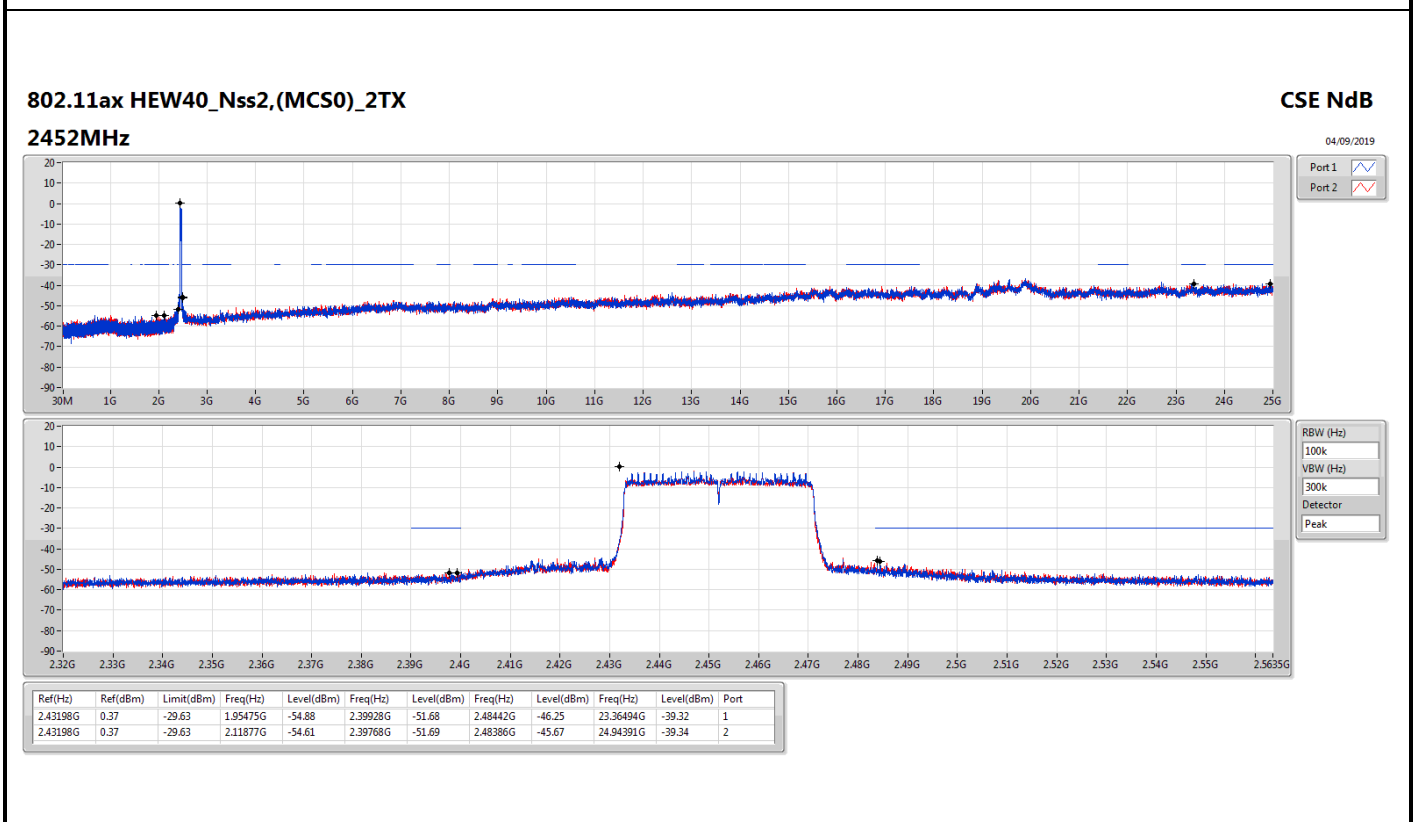
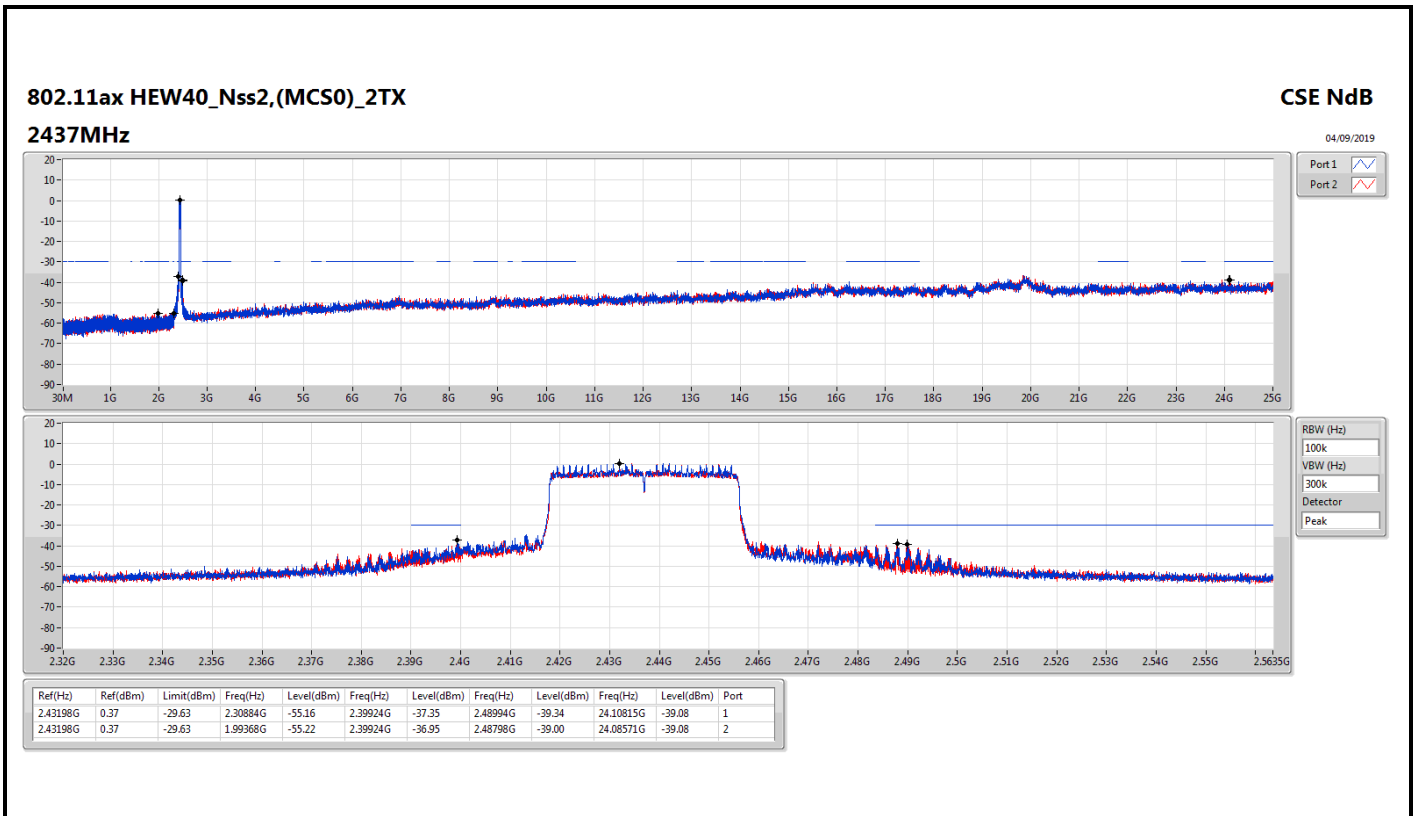
















**CSE(Non-restricted Band)  
Non-Beamforming\_Sample 2\_Radio 3\_Panel 2\_1T1S**

**Appendix E.15**

**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)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	2.43599G	16.11	-13.89	2.30991G	-58.99	2.39996G	-37.30	2.48504G	-53.26	7.23514G	-47.72	1
802.11g_Nss1,(6Mbps)_1TX	Pass	2.43198G	9.77	-20.23	2.30728G	-59.18	2.39972G	-35.10	2.48444G	-55.37	17.5378G	-52.83	1
VHT20_Nss1,(MCS0)_1TX	Pass	2.43073G	8.50	-21.50	2.30758G	-60.27	2.39948G	-40.53	2.48354G	-44.52	16.95622G	-52.53	1
VHT40_Nss1,(MCS0)_1TX	Pass	2.44196G	2.21	-27.79	2.30139G	-58.69	2.39952G	-38.13	2.48458G	-43.80	24.65504G	-52.87	1
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	2.4395G	8.90	-21.10	1.92982G	-59.51	2.3985G	-39.09	2.49418G	-56.10	17.23437G	-53.28	1
802.11ax HEW40_Nss1,(MCS0)_1TX	Pass	2.44075G	2.73	-27.27	30.86M	-58.74	2.39952G	-33.39	2.48354G	-35.25	15.14757G	-52.75	1

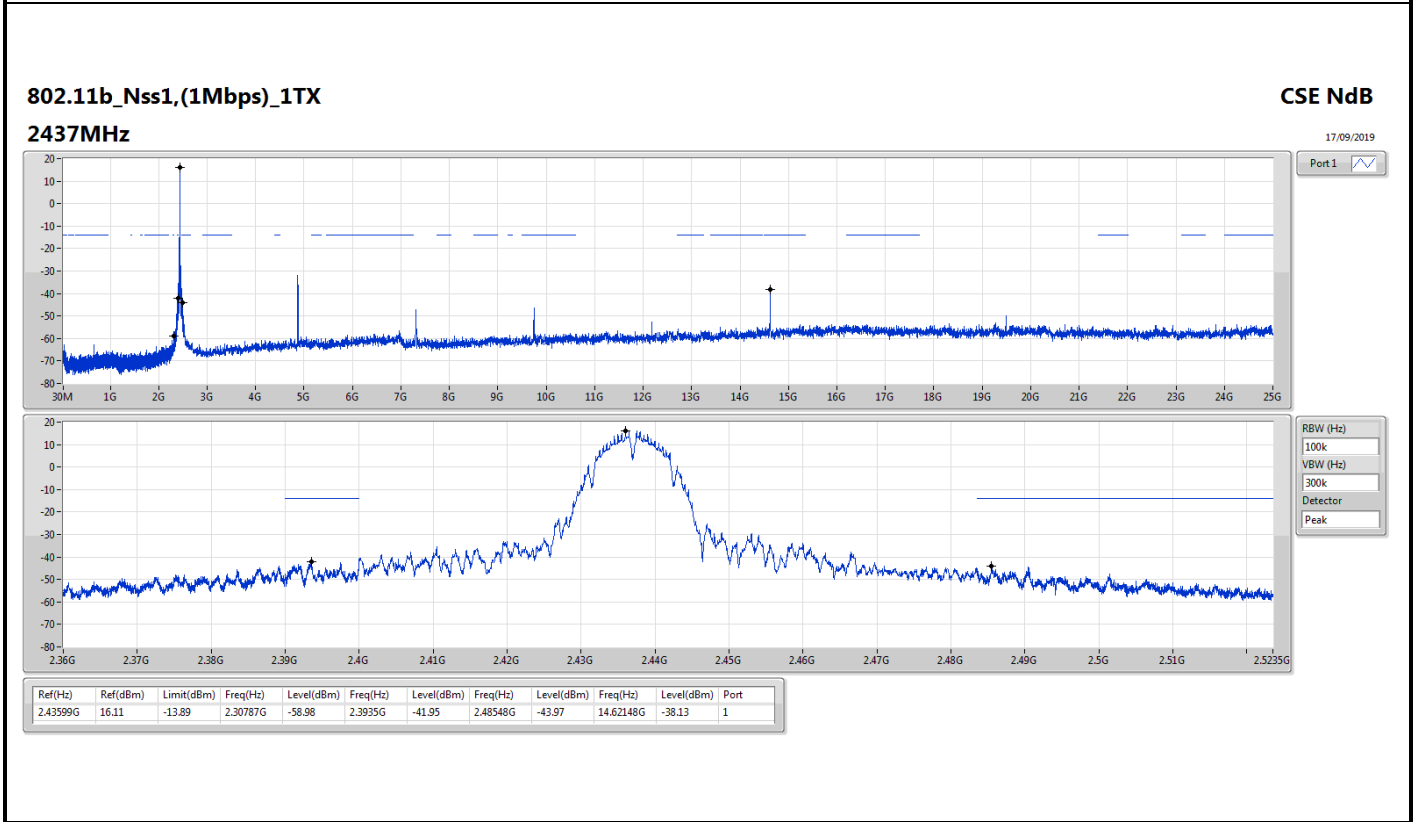
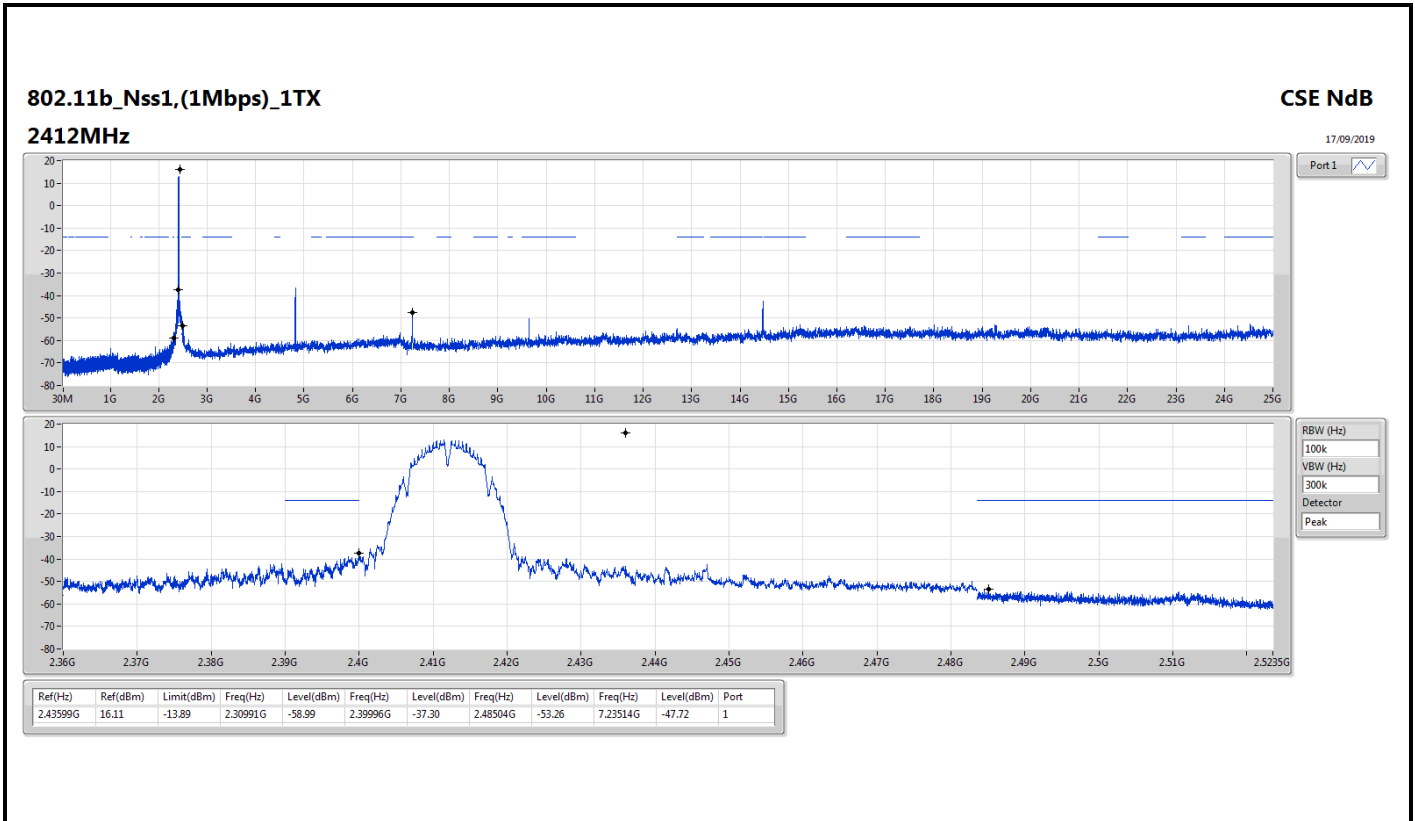


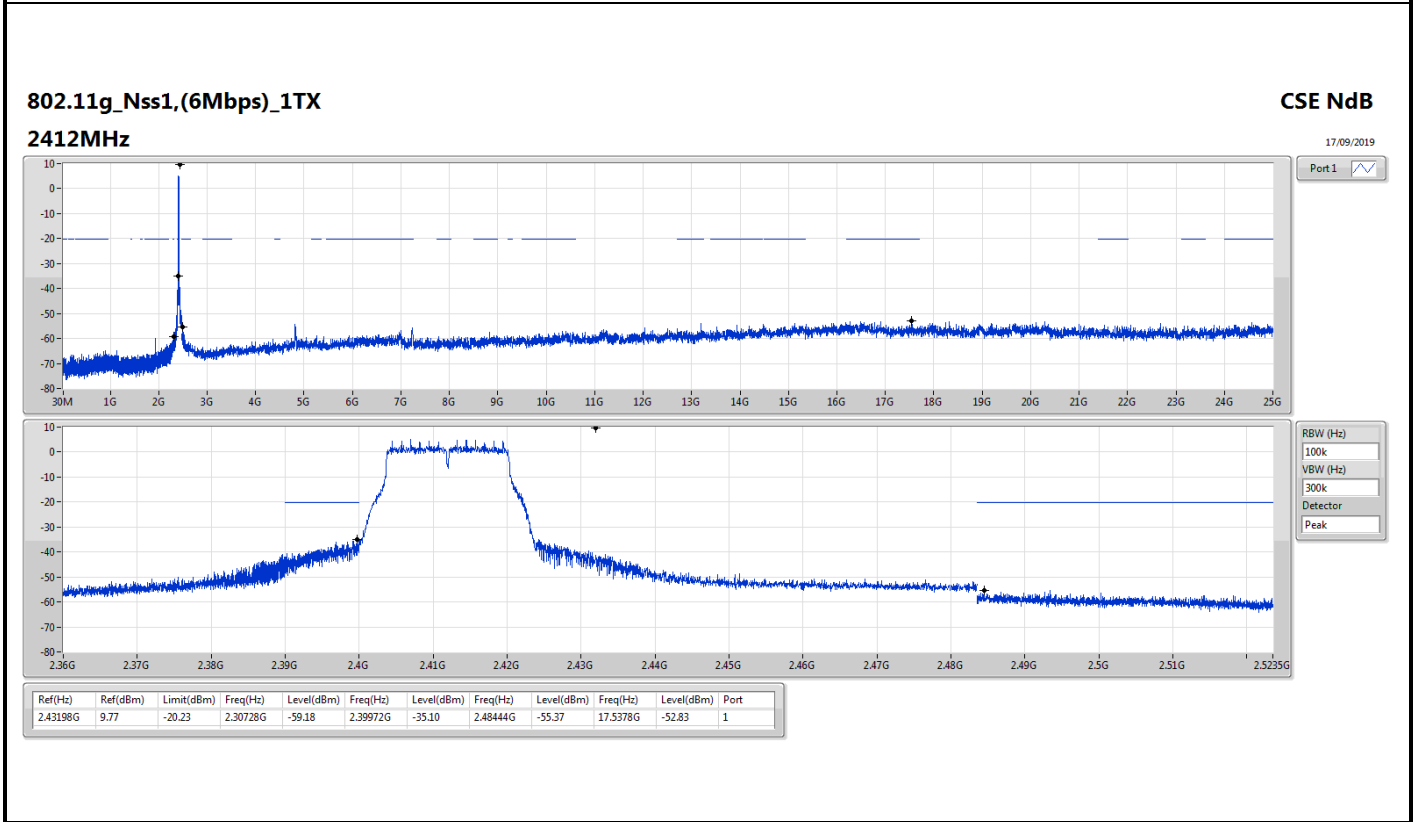
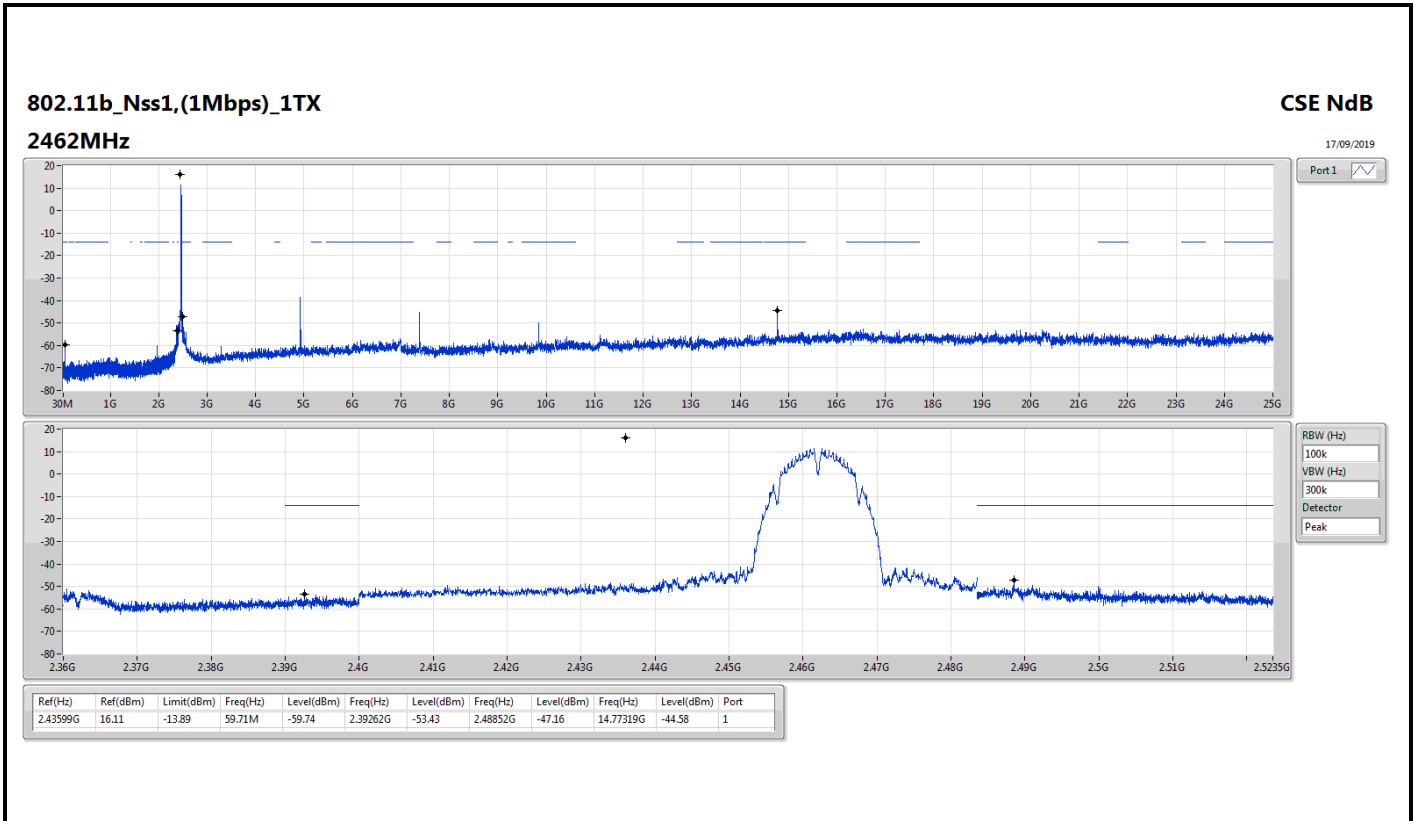
**CSE(Non-restricted Band)  
Non-Beamforming\_Sample 2\_Radio 3\_Panel 2\_1T1S**

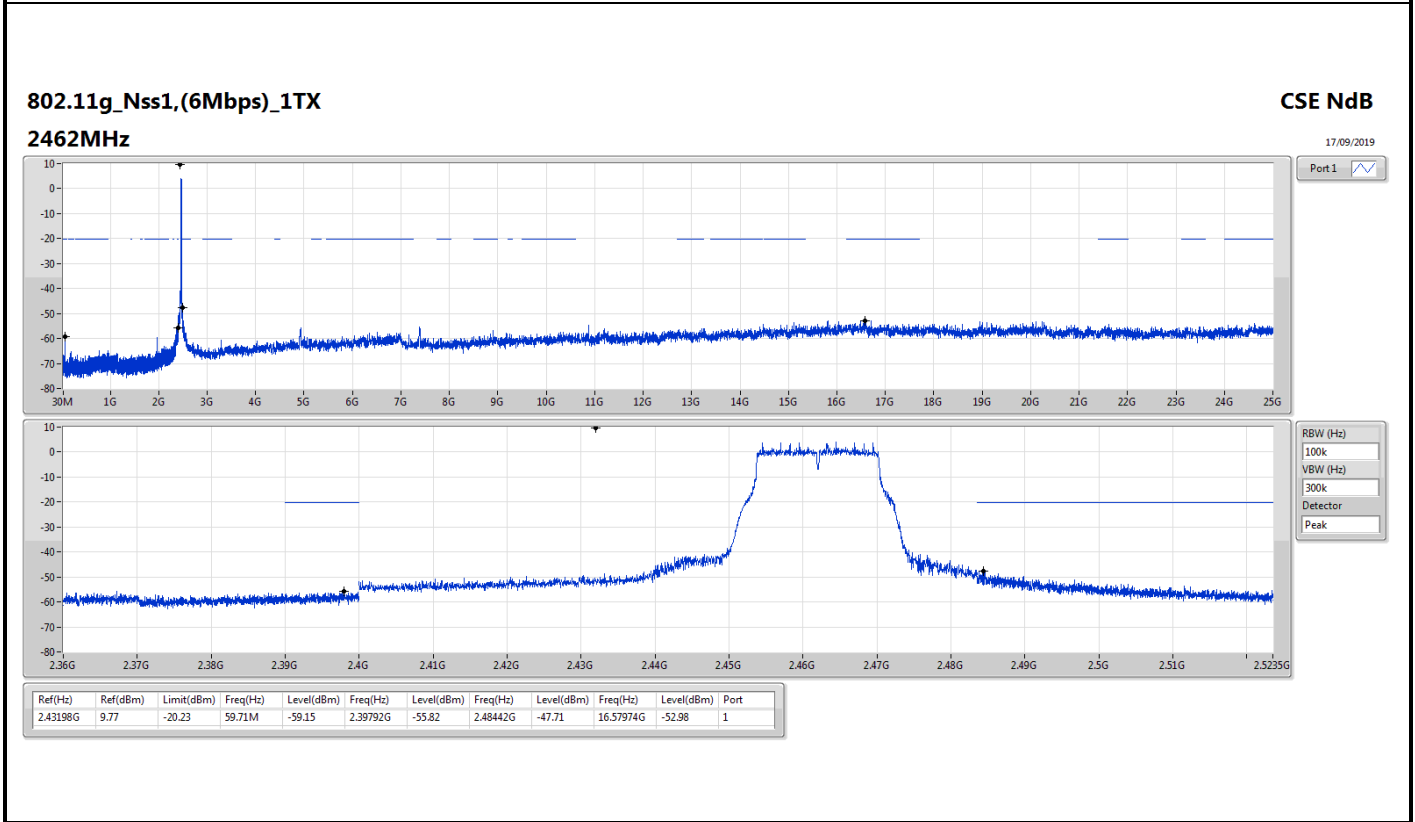
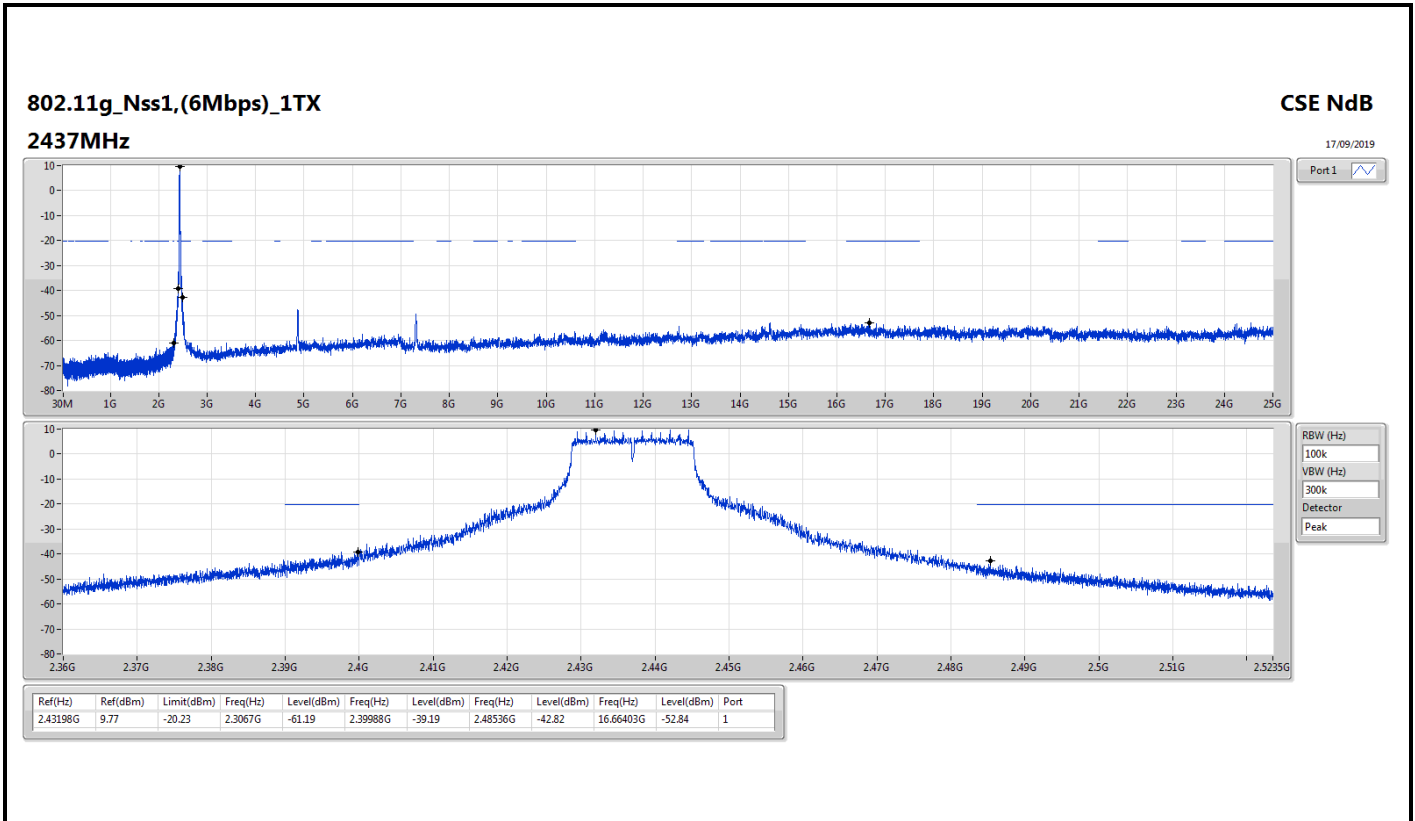
**Appendix E.15**

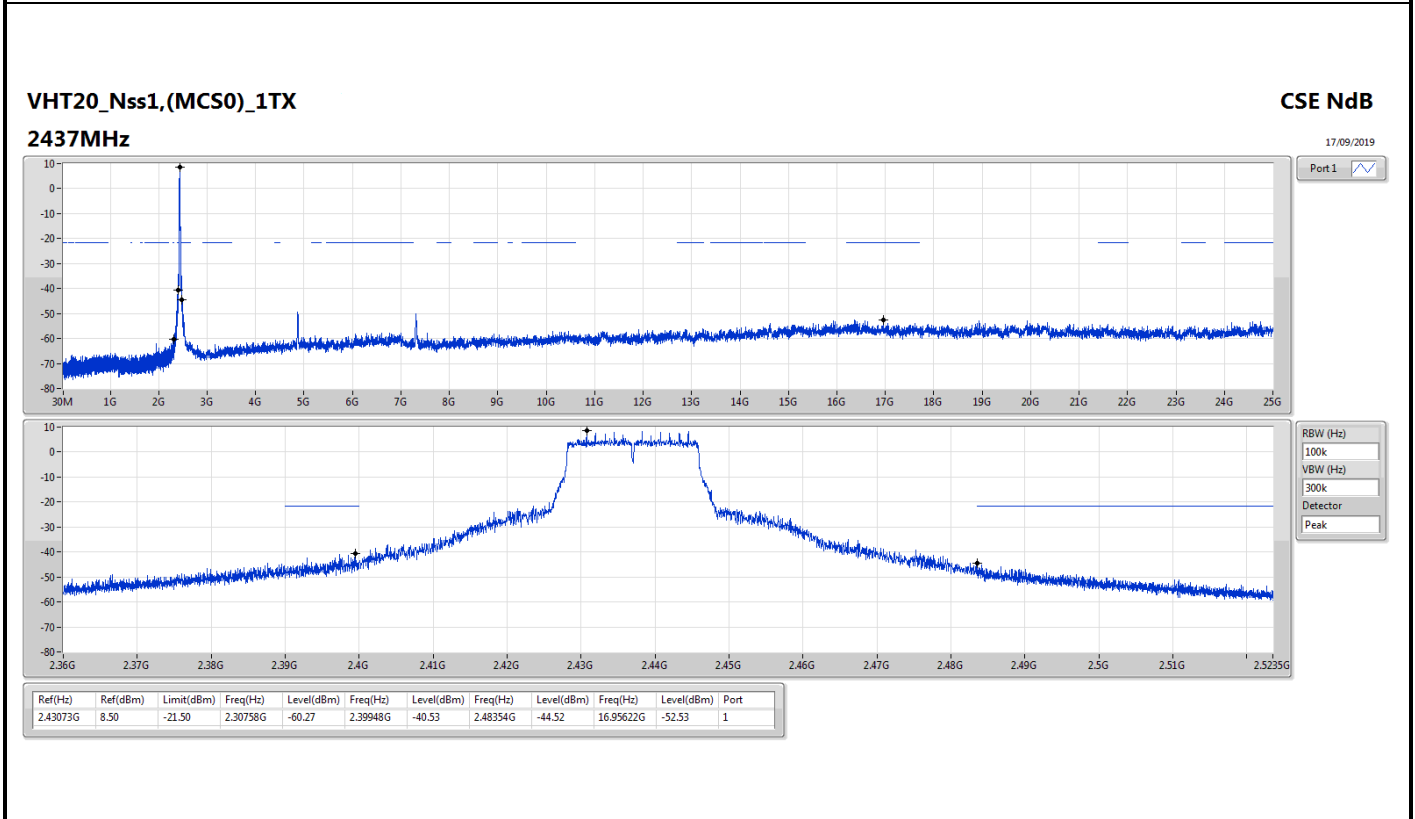
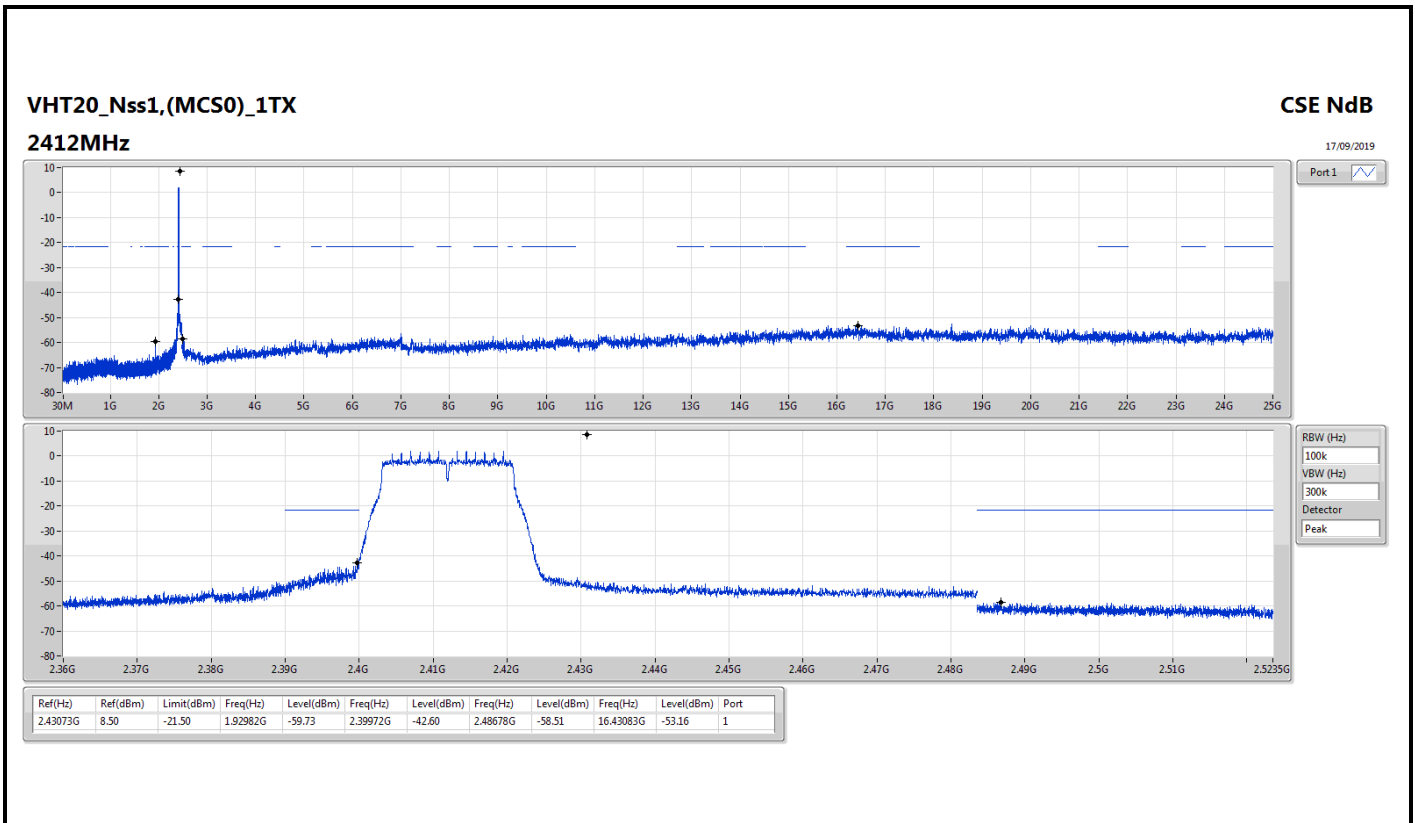
**Result**

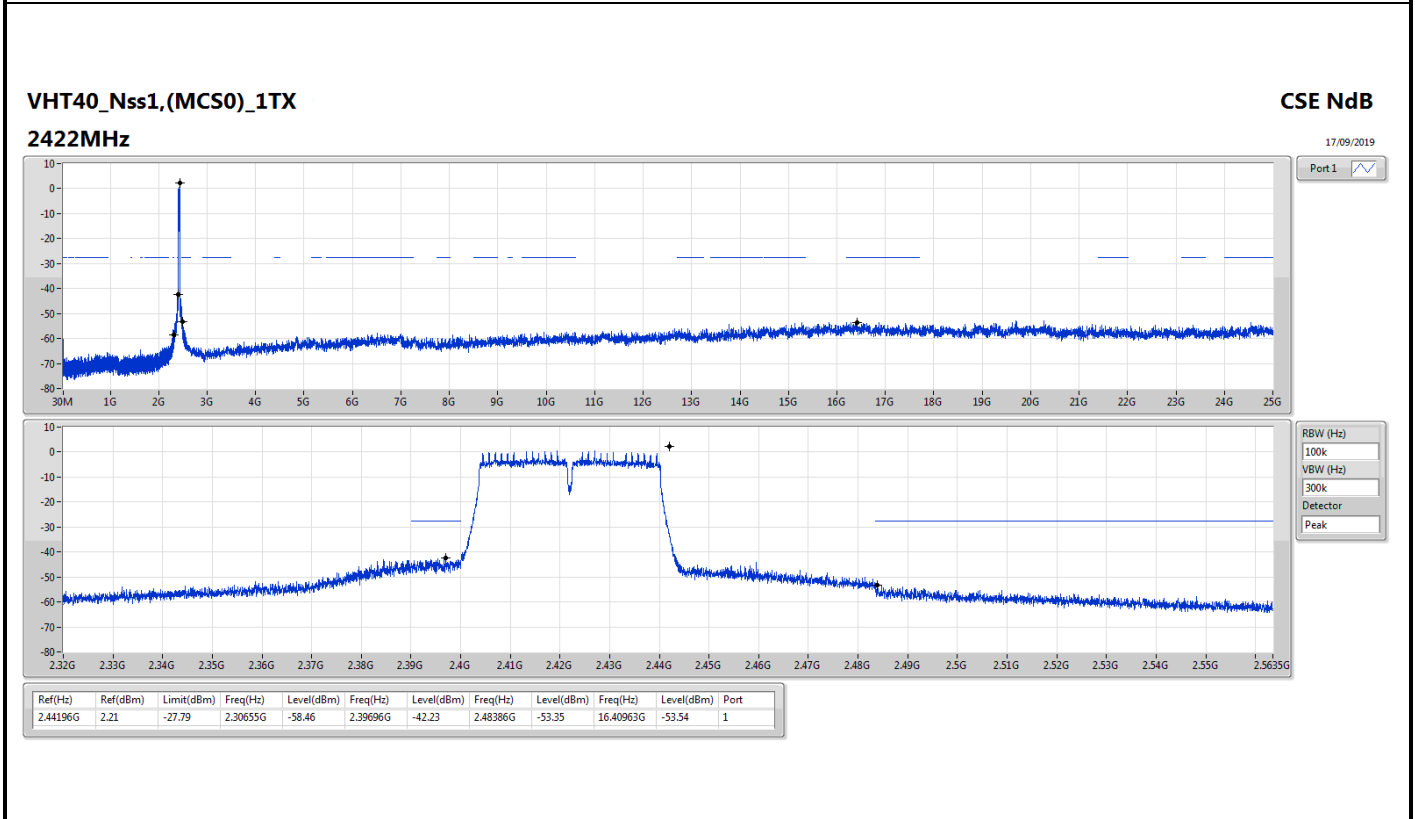
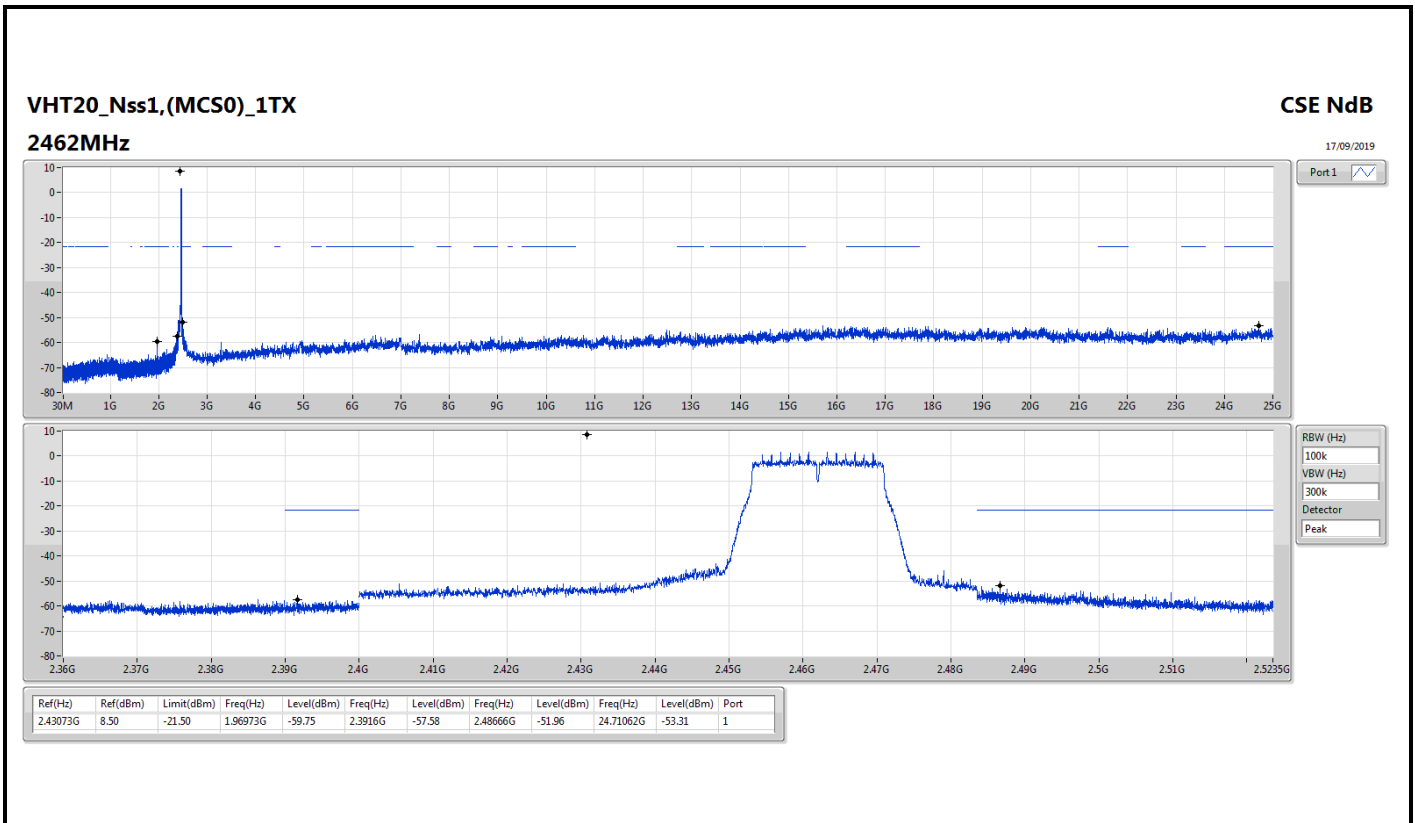
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43599G	16.11	-13.89	2.30991G	-58.99	2.39996G	-37.30	2.48504G	-53.26	7.23514G	-47.72	1
2437MHz	Pass	2.43599G	16.11	-13.89	2.30787G	-58.98	2.3935G	-41.95	2.48548G	-43.97	14.62148G	-38.13	1
2462MHz	Pass	2.43599G	16.11	-13.89	59.71M	-59.74	2.39262G	-53.43	2.48852G	-47.16	14.77319G	-44.58	1
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43198G	9.77	-20.23	2.30728G	-59.18	2.39972G	-35.10	2.48444G	-55.37	17.5378G	-52.83	1
2437MHz	Pass	2.43198G	9.77	-20.23	2.3067G	-61.19	2.39988G	-39.19	2.48536G	-42.82	16.66403G	-52.84	1
2462MHz	Pass	2.43198G	9.77	-20.23	59.71M	-59.15	2.39792G	-55.82	2.48442G	-47.71	16.57974G	-52.98	1
VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43073G	8.50	-21.50	1.92982G	-59.73	2.39972G	-42.60	2.48678G	-58.51	16.43083G	-53.16	1
2437MHz	Pass	2.43073G	8.50	-21.50	2.30758G	-60.27	2.39948G	-40.53	2.48354G	-44.52	16.95622G	-52.53	1
2462MHz	Pass	2.43073G	8.50	-21.50	1.96973G	-59.75	2.3916G	-57.58	2.48666G	-51.96	24.71062G	-53.31	1
VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.44196G	2.21	-27.79	2.30655G	-58.46	2.39696G	-42.23	2.48386G	-53.35	16.40963G	-53.54	1
2437MHz	Pass	2.44196G	2.21	-27.79	2.30139G	-58.69	2.39952G	-38.13	2.48458G	-43.80	24.65504G	-52.87	1
2452MHz	Pass	2.44196G	2.21	-27.79	31.15M	-58.50	2.39608G	-49.21	2.48822G	-43.37	15.29621G	-53.44	1
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.4395G	8.90	-21.10	1.92982G	-59.51	2.3985G	-39.09	2.49418G	-56.10	17.23437G	-53.28	1
2437MHz	Pass	2.4395G	8.90	-21.10	2.30787G	-60.14	2.3972G	-39.64	2.48472G	-40.41	2.52631G	-52.41	1
2462MHz	Pass	2.4395G	8.90	-21.10	1.96973G	-59.39	2.39824G	-57.03	2.4844G	-44.52	16.26507G	-52.43	1
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.44075G	2.73	-27.27	2.3097G	-58.40	2.39664G	-36.13	2.48538G	-50.99	15.27658G	-51.93	1
2437MHz	Pass	2.44075G	2.73	-27.27	30.86M	-58.74	2.39952G	-33.39	2.48354G	-35.25	15.14757G	-52.75	1
2452MHz	Pass	2.44075G	2.73	-27.27	31.72M	-57.06	2.39852G	-44.72	2.48574G	-35.81	16.37036G	-52.97	1

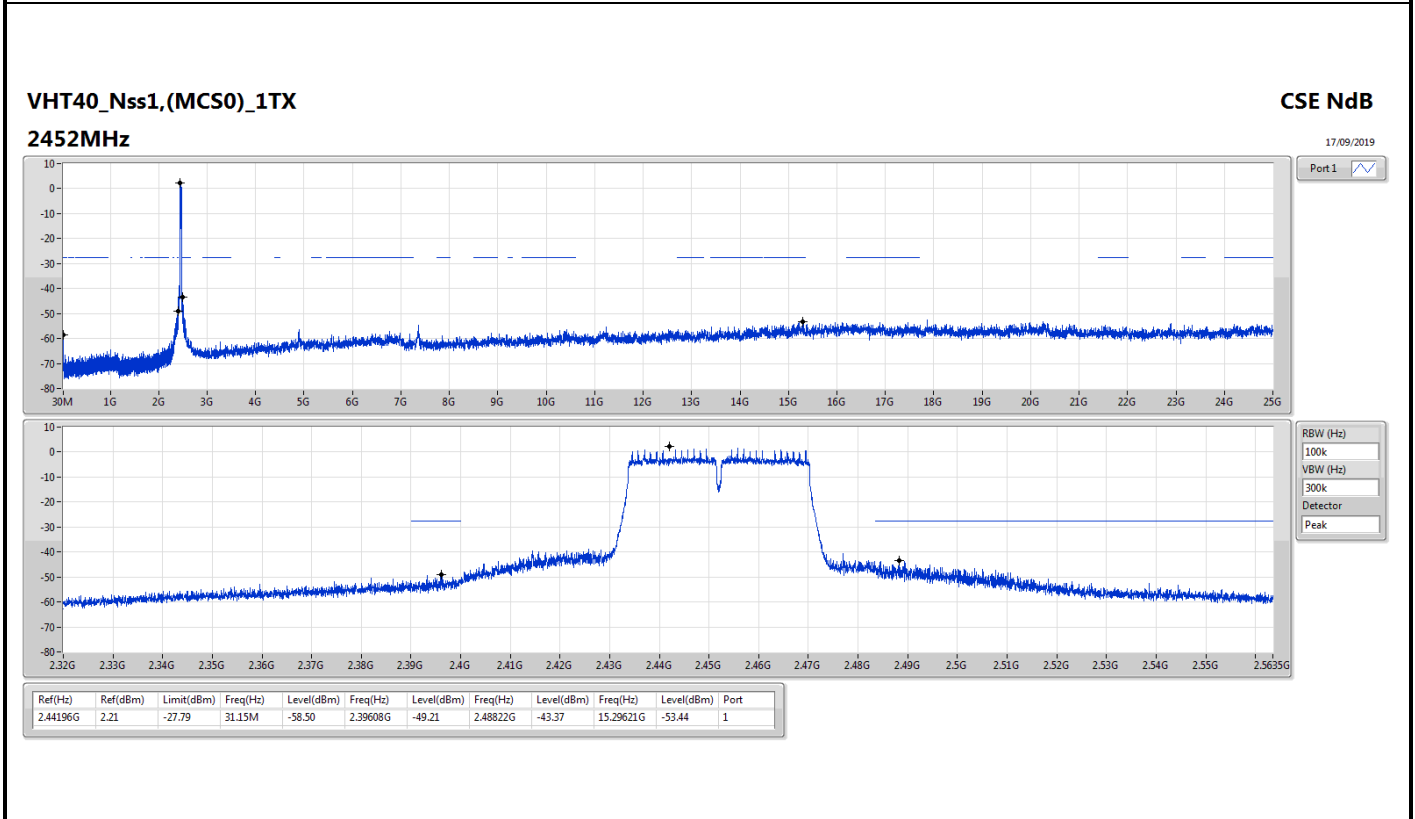
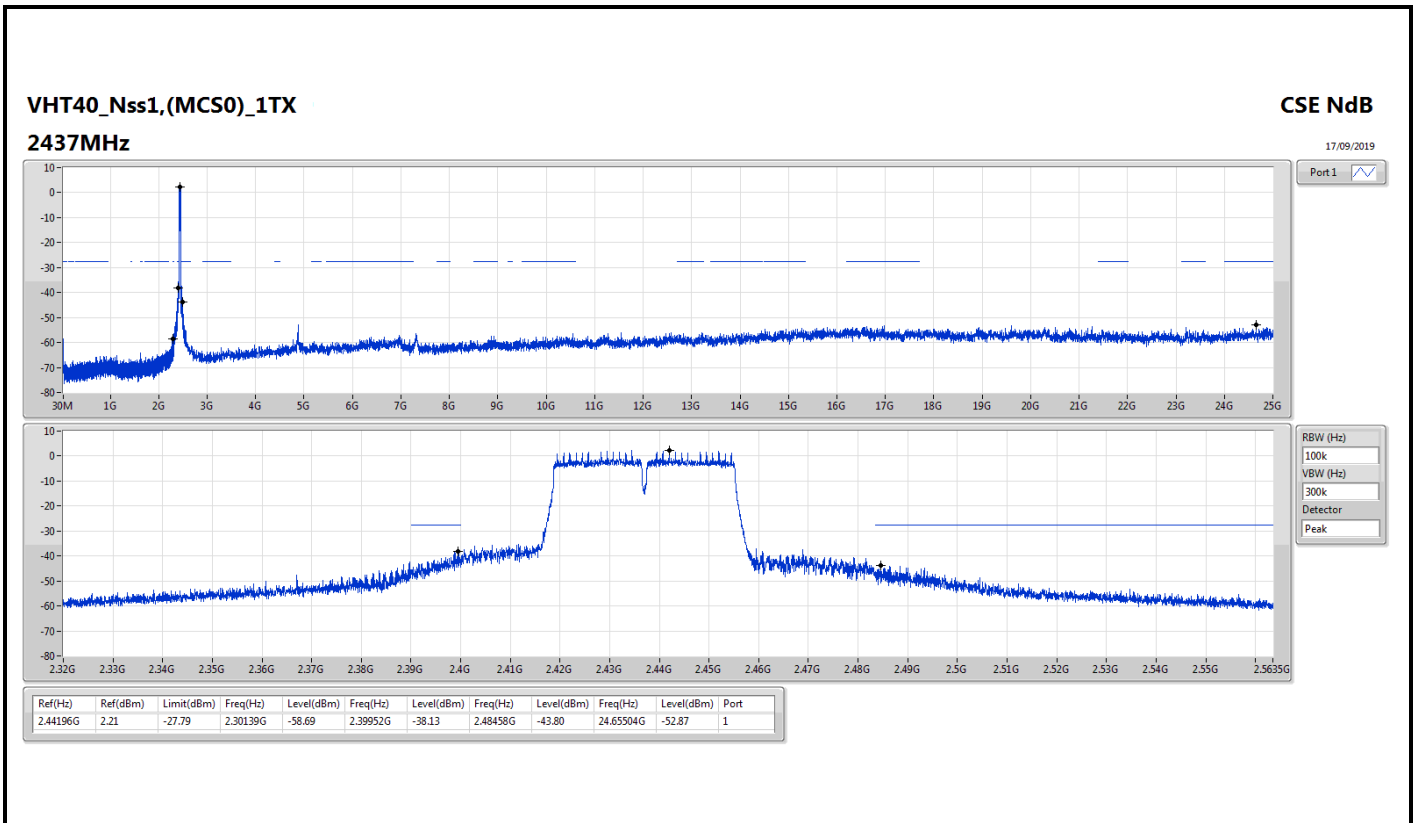




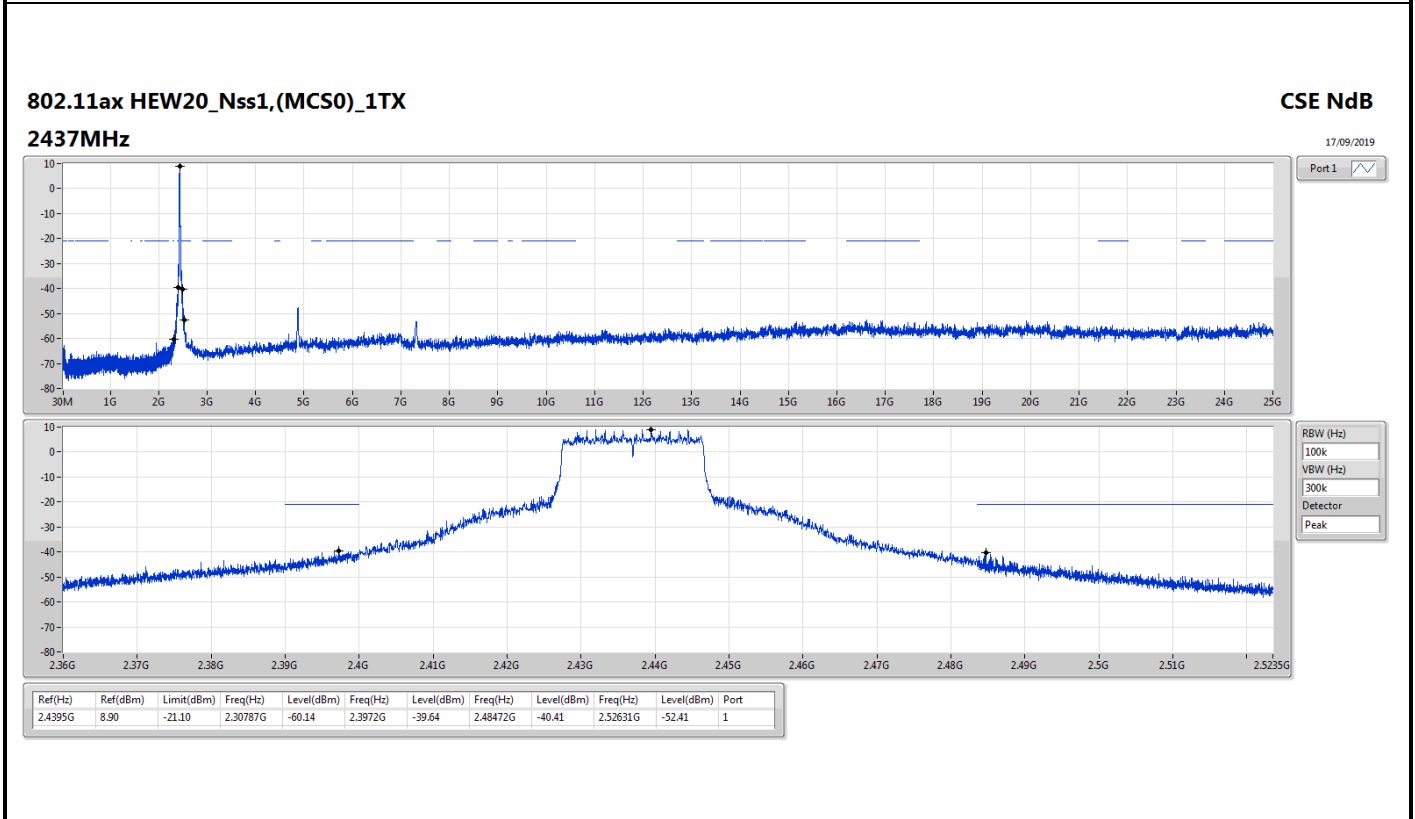
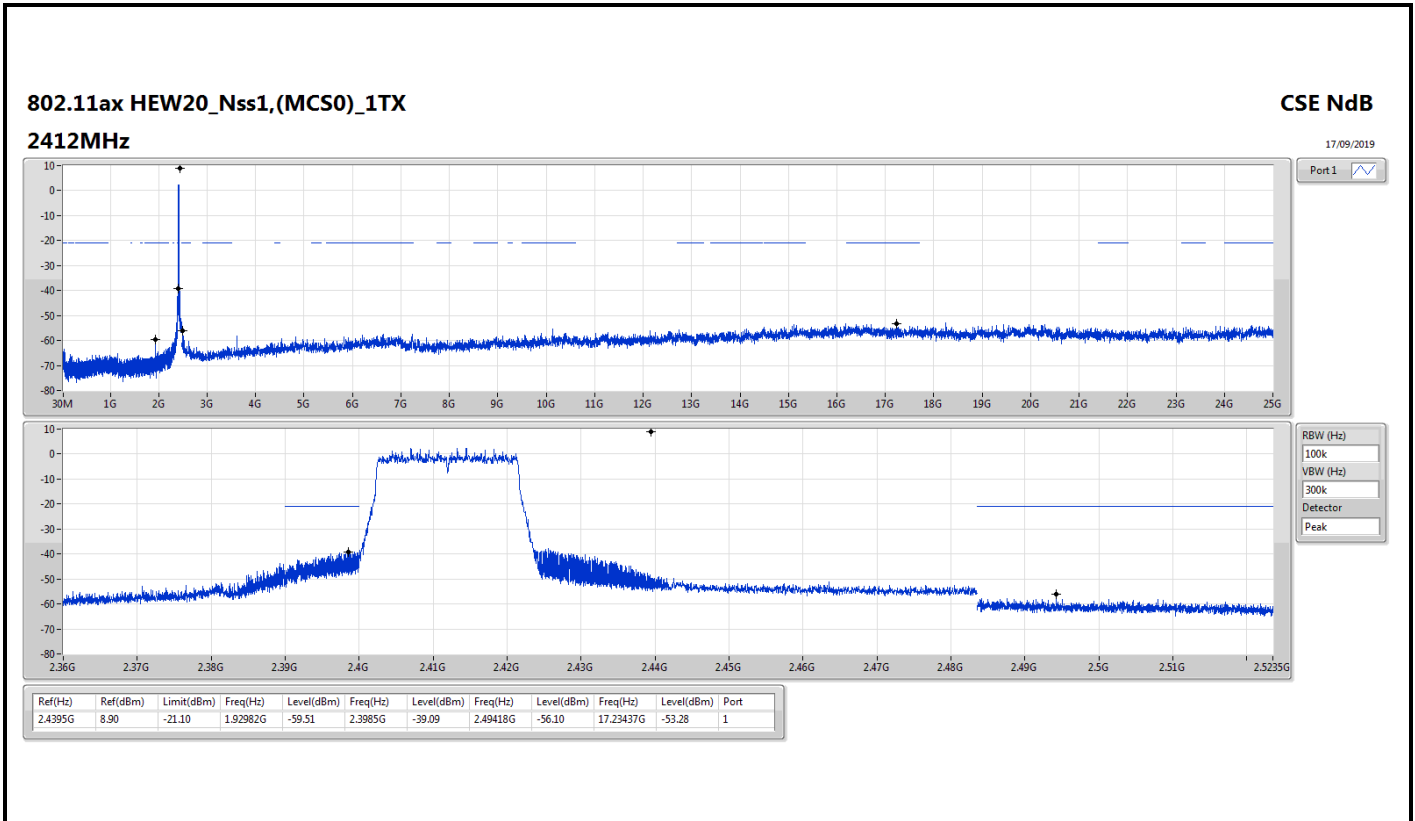


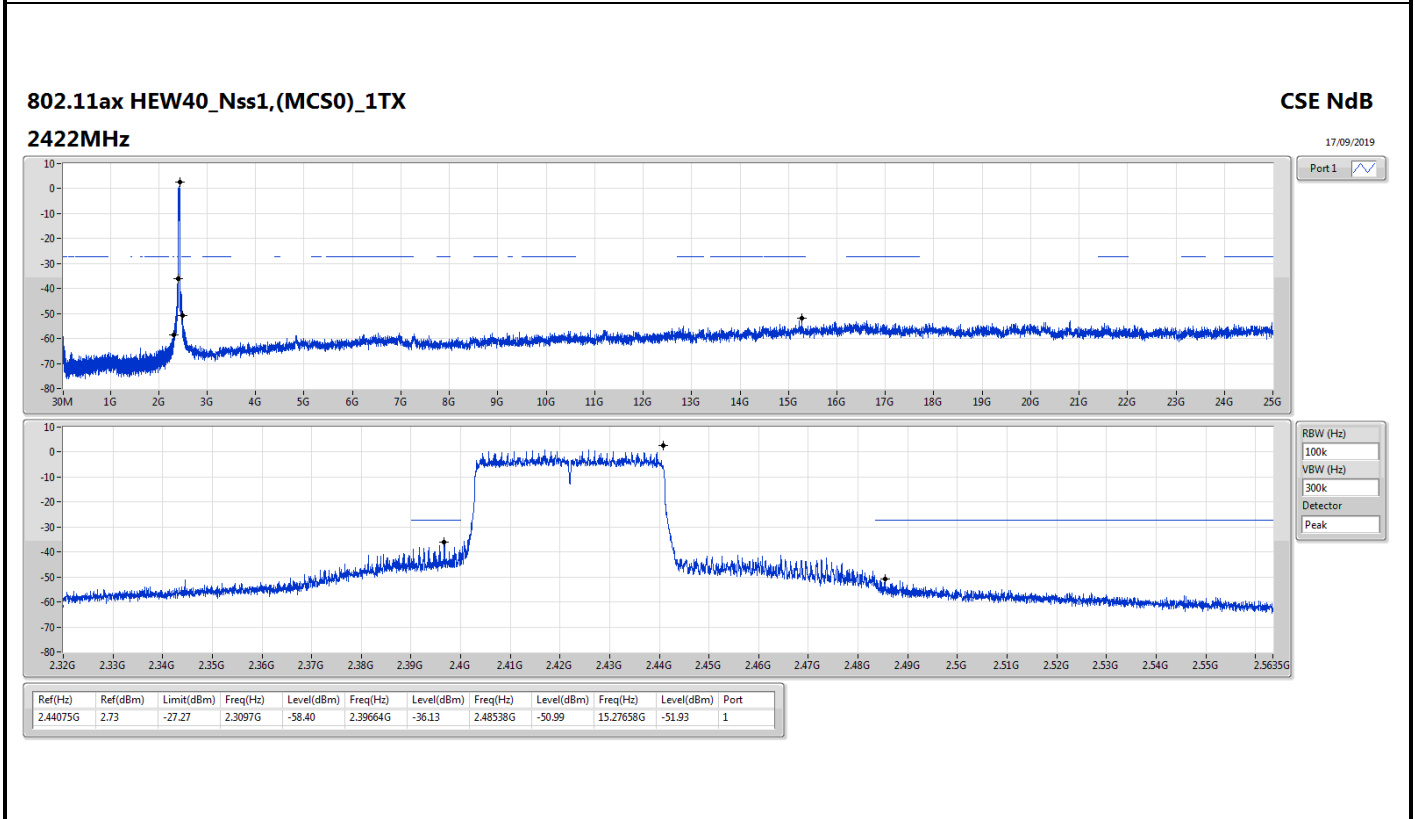
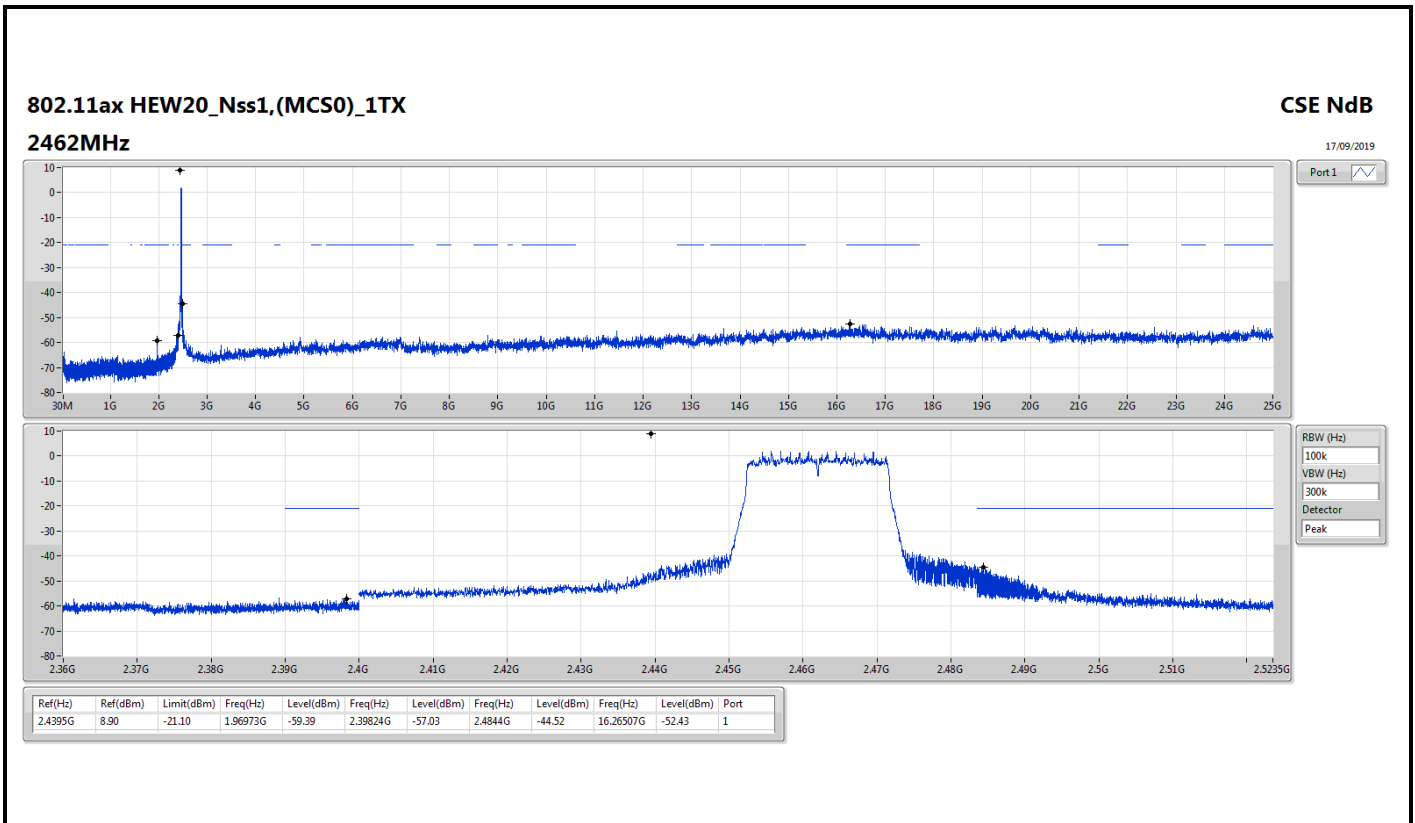


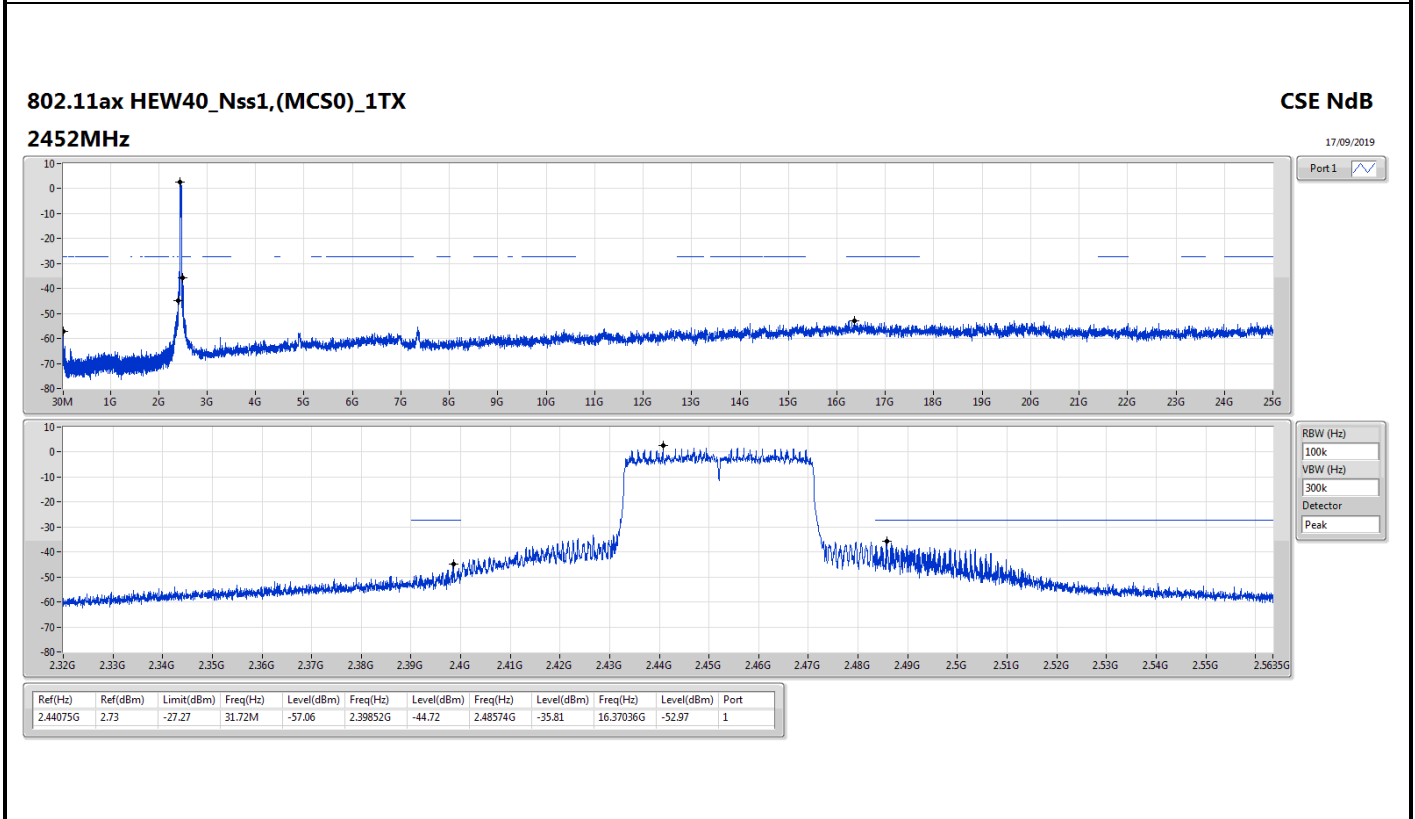
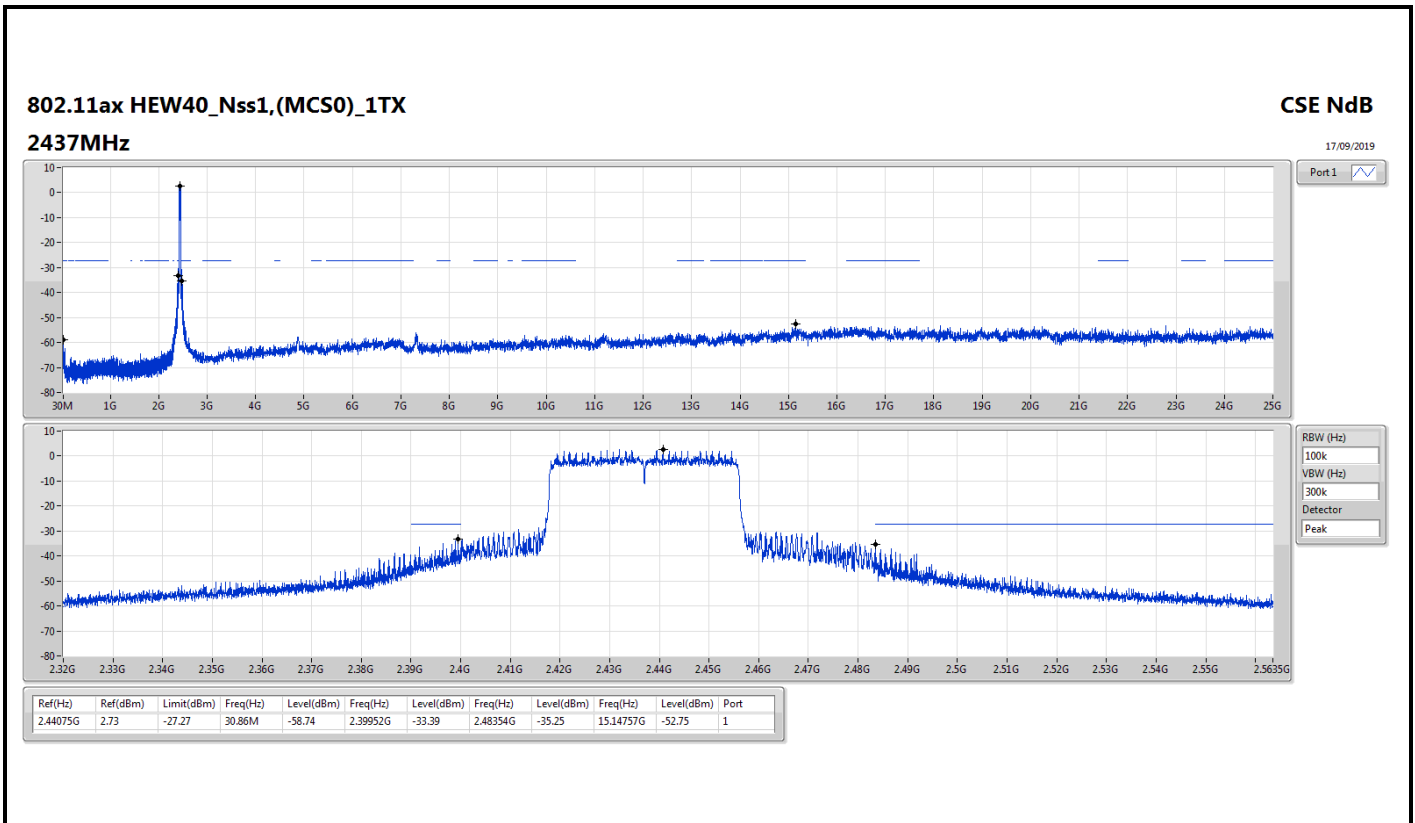














**CSE(Non-restricted Band)  
Non-Beamforming\_Sample 2\_Radio 3\_Panel 2\_2T2S**

**Appendix E.16**

**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)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.43799G	12.94	-17.06	2.02914G	-54.94	2.39848G	-36.14	2.48618G	-51.25	16.79889G	-41.81	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.44196G	7.38	-22.62	2.01341G	-54.36	2.39916G	-32.75	2.49978G	-51.19	15.06258G	-40.43	2
VHT20_Nss2,(MCS0)_2TX	Pass	2.442G	6.32	-23.68	2.15496G	-55.49	2.39376G	-52.72	2.48728G	-50.37	15.10191G	-39.93	1
VHT40_Nss2,(MCS0)_2TX	Pass	2.43198G	-0.61	-30.61	2.16686G	-54.92	2.39952G	-43.11	2.48482G	-51.01	15.041G	-41.08	1
802.11ax HEW20_Nss2,(MCS0)_2TX	Pass	2.44196G	6.33	-23.67	2.12758G	-54.78	2.39704G	-39.49	2.49444G	-51.83	24.78366G	-41.01	2
802.11ax HEW40_Nss2,(MCS0)_2TX	Pass	2.43198G	-0.57	-30.57	2.14567G	-53.62	2.39284G	-44.99	2.48786G	-51.99	15.09989G	-40.55	1

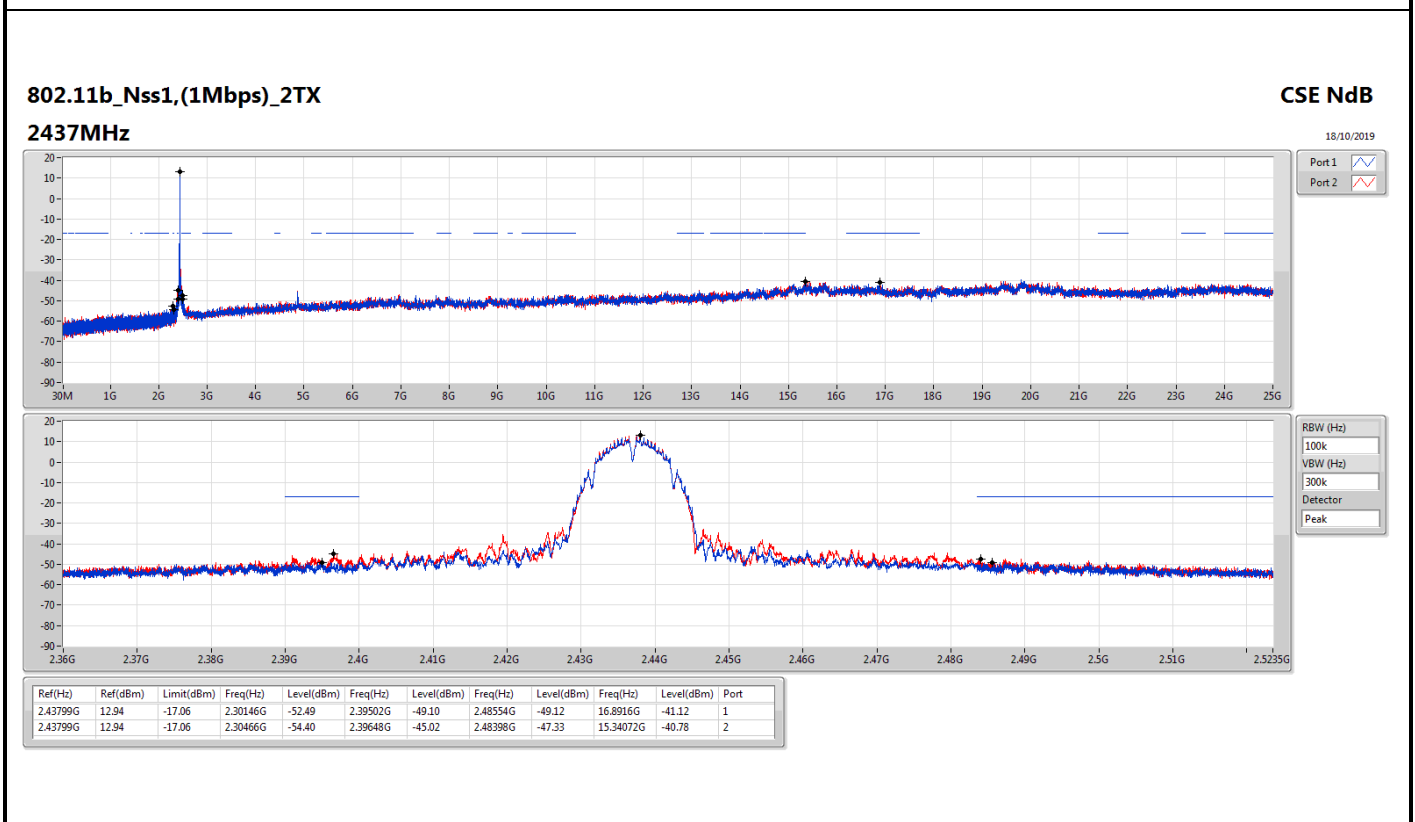
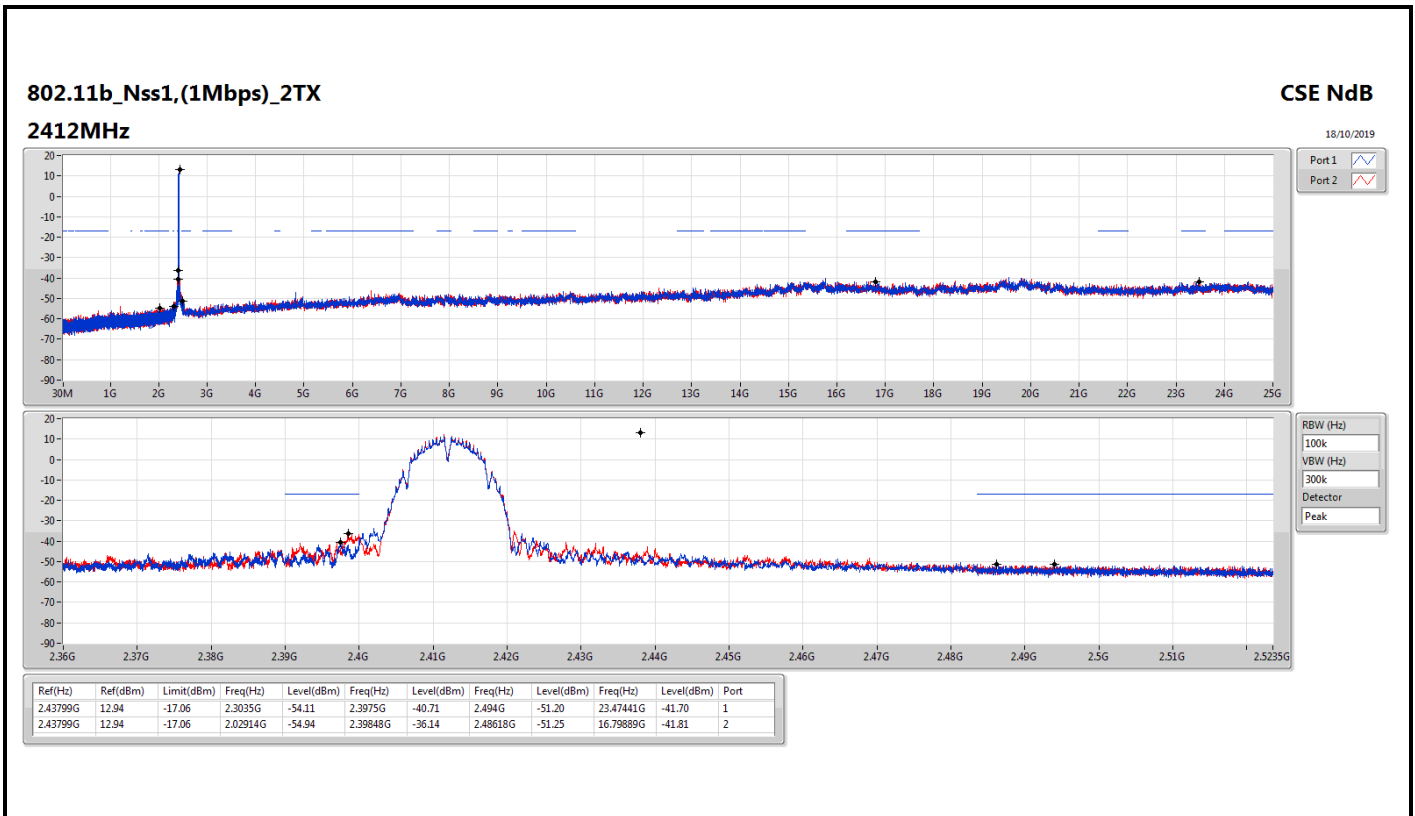


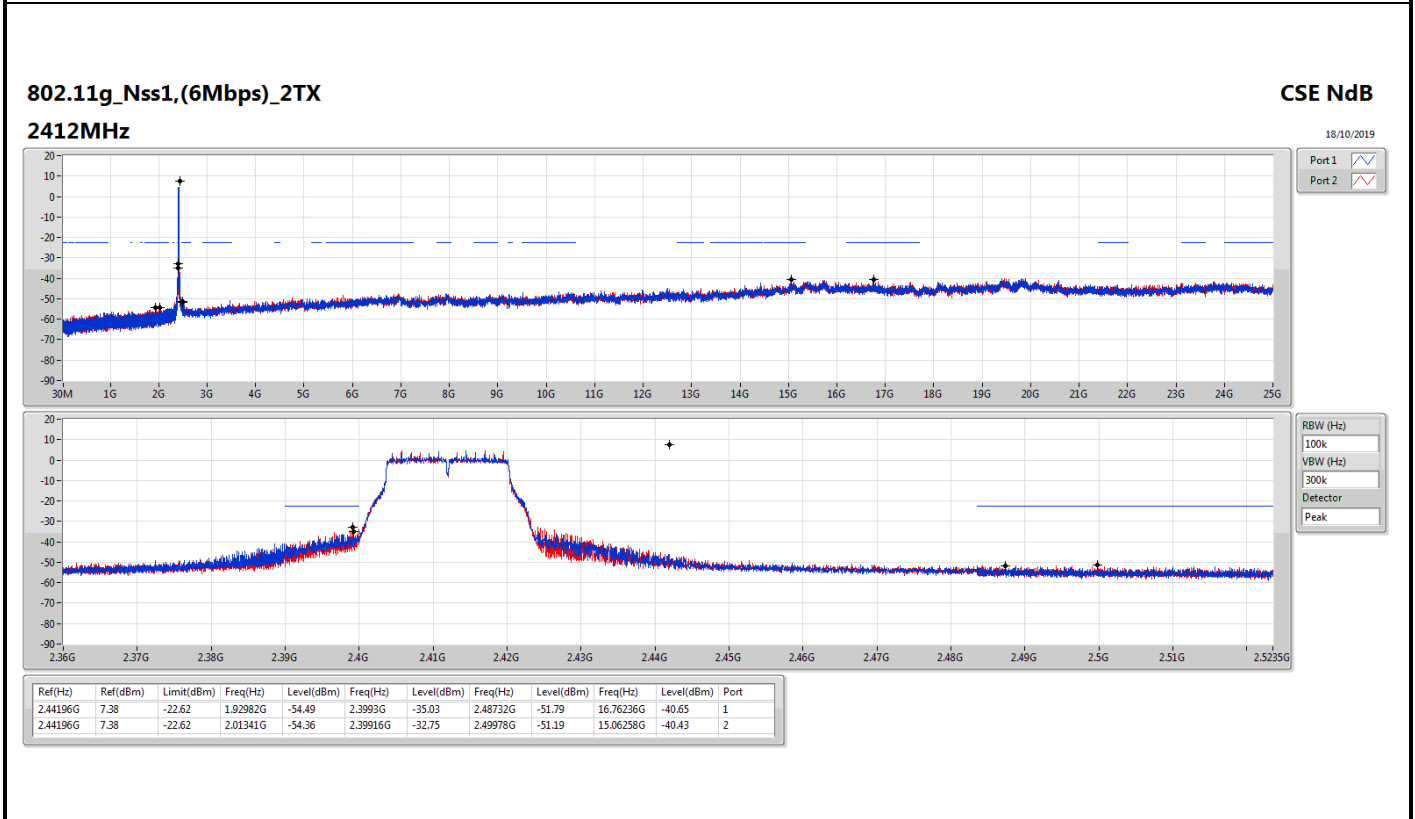
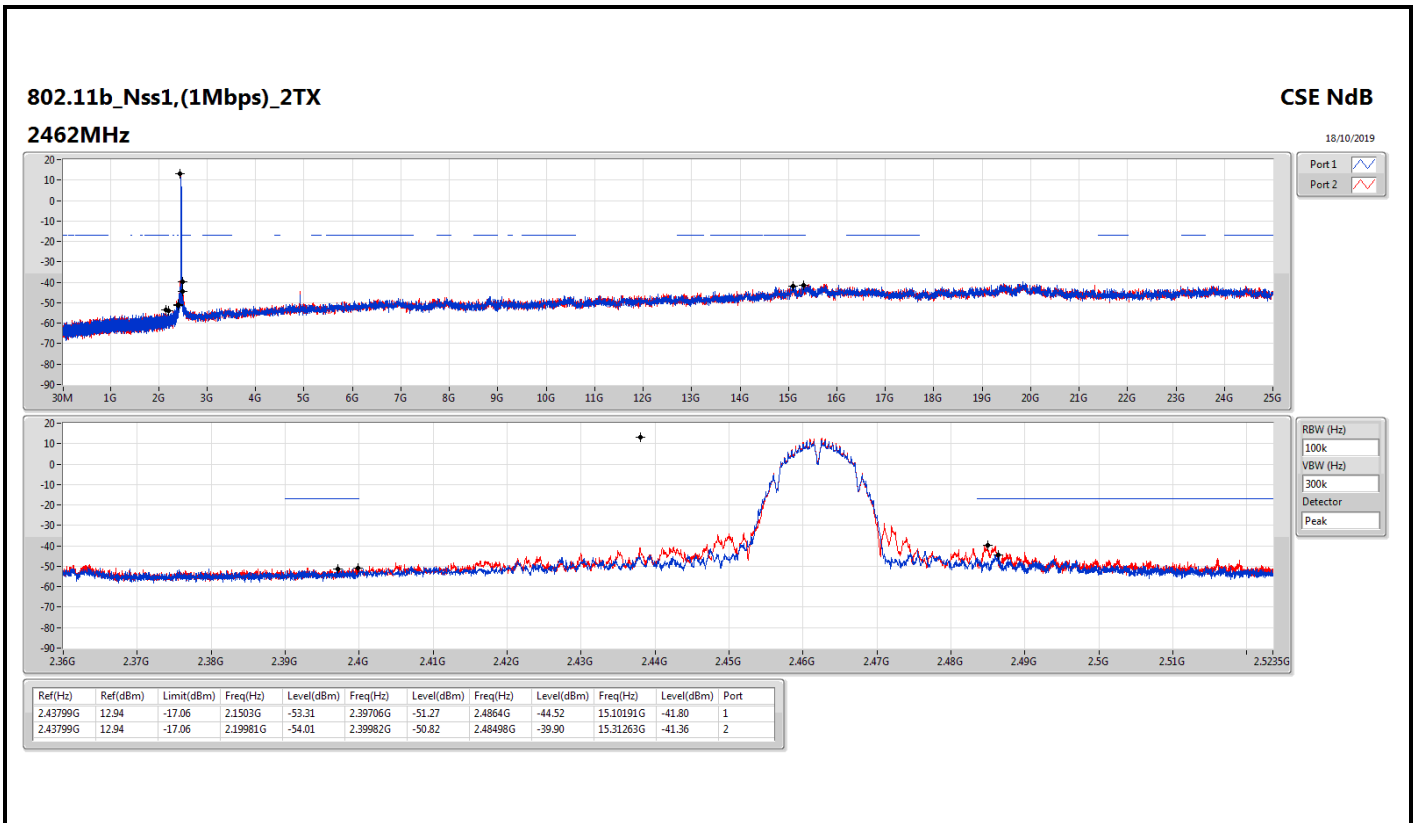
**CSE(Non-restricted Band)  
Non-Beamforming\_Sample 2\_Radio 3\_Panel 2\_2T2S**

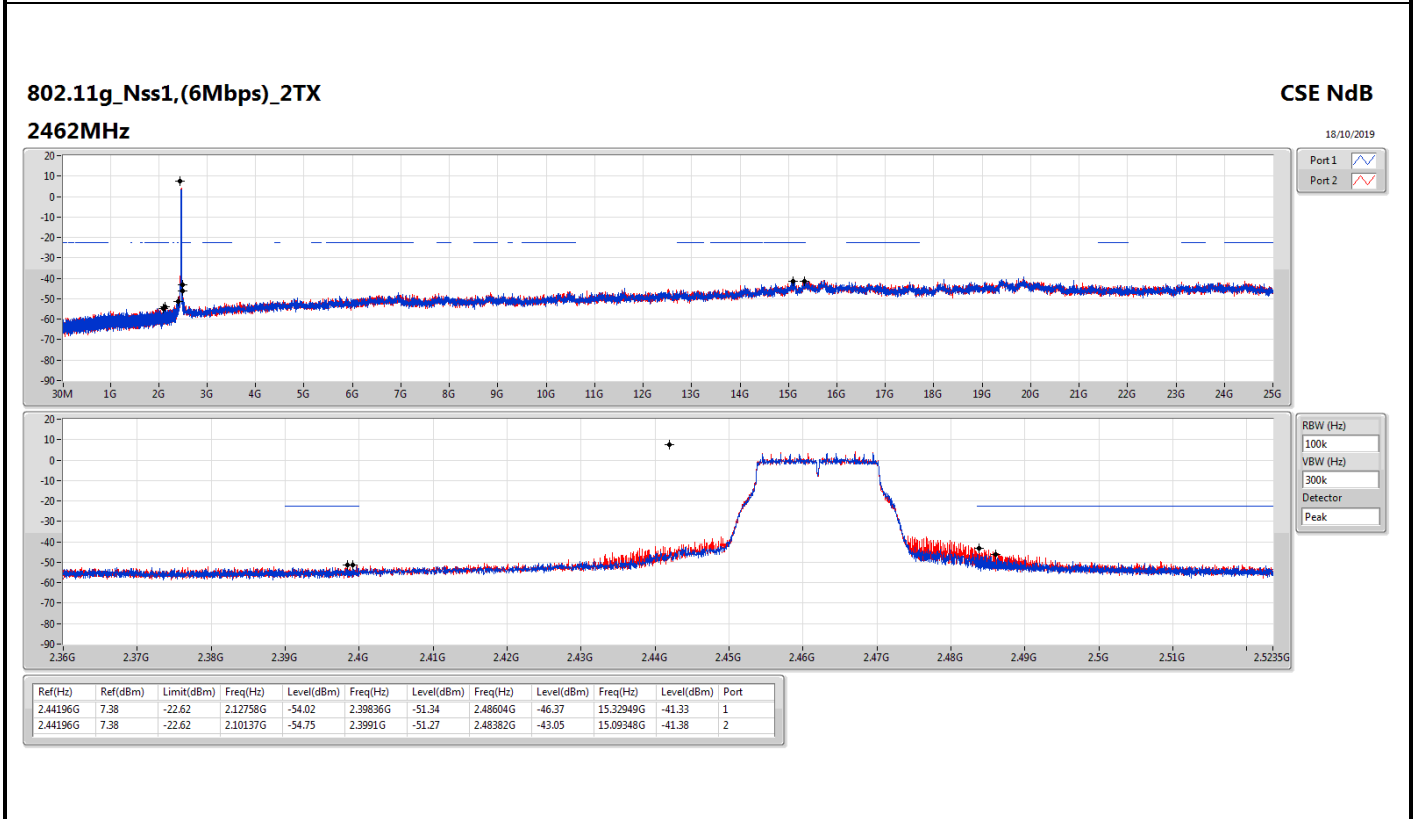
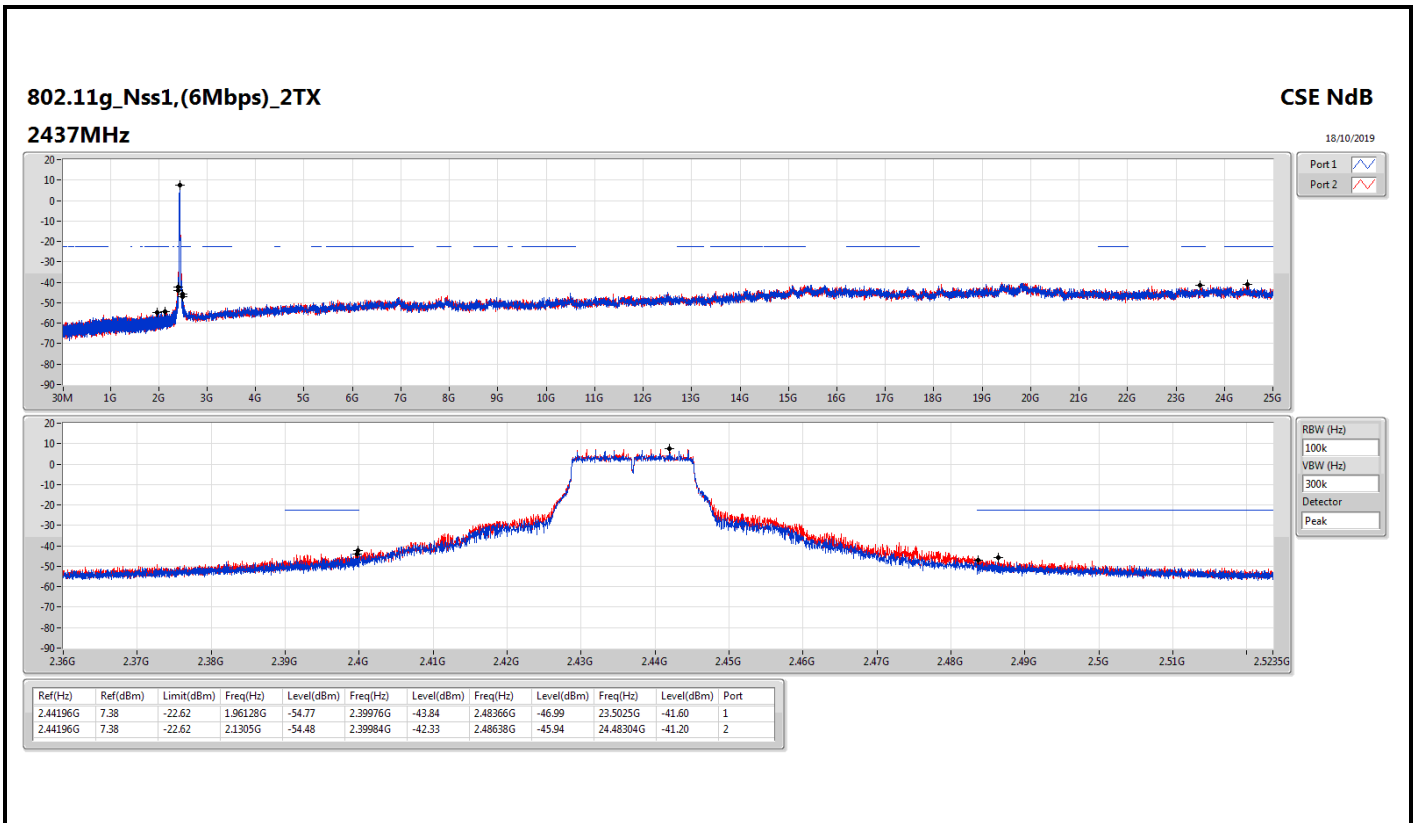
**Appendix E.16**

**Result**

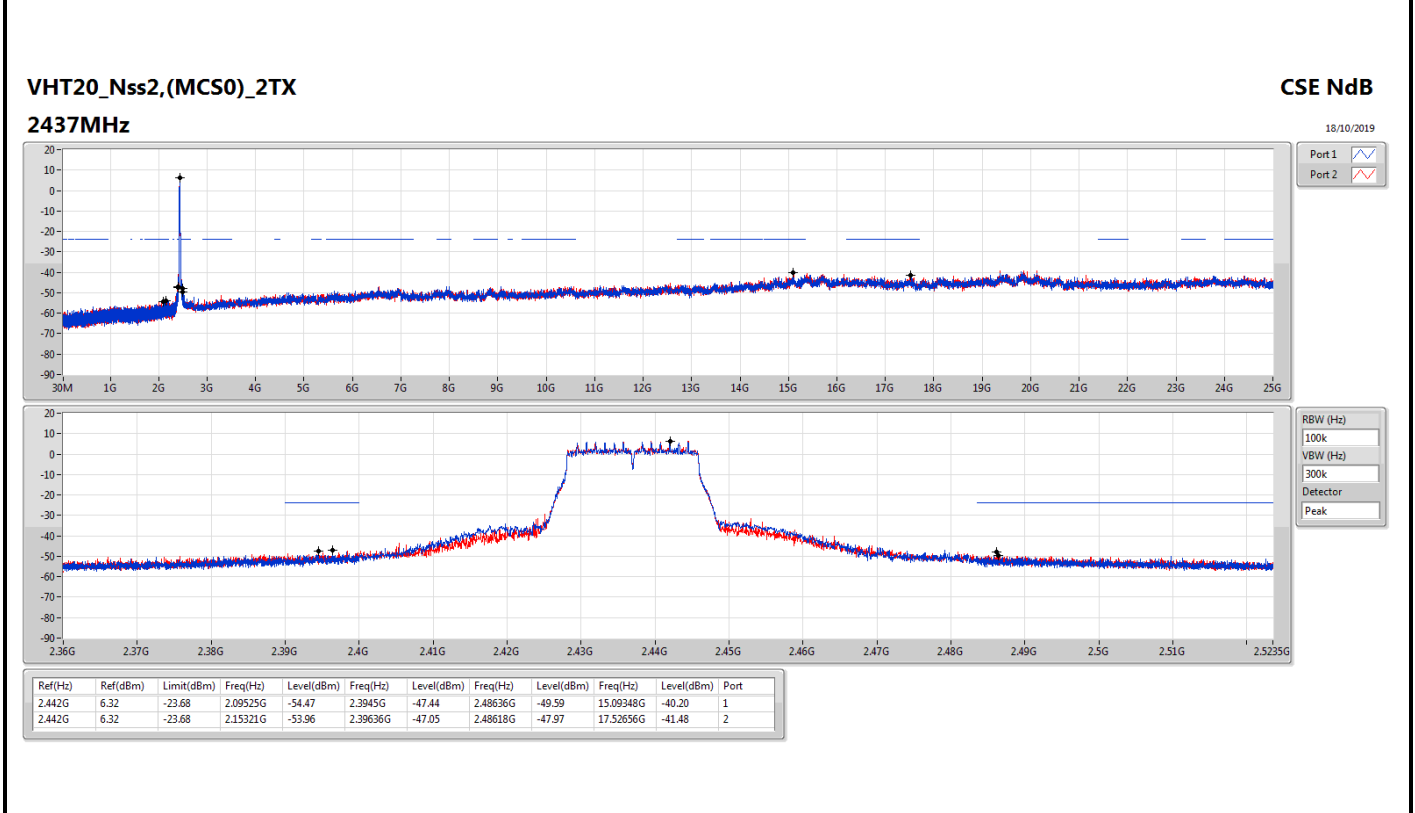
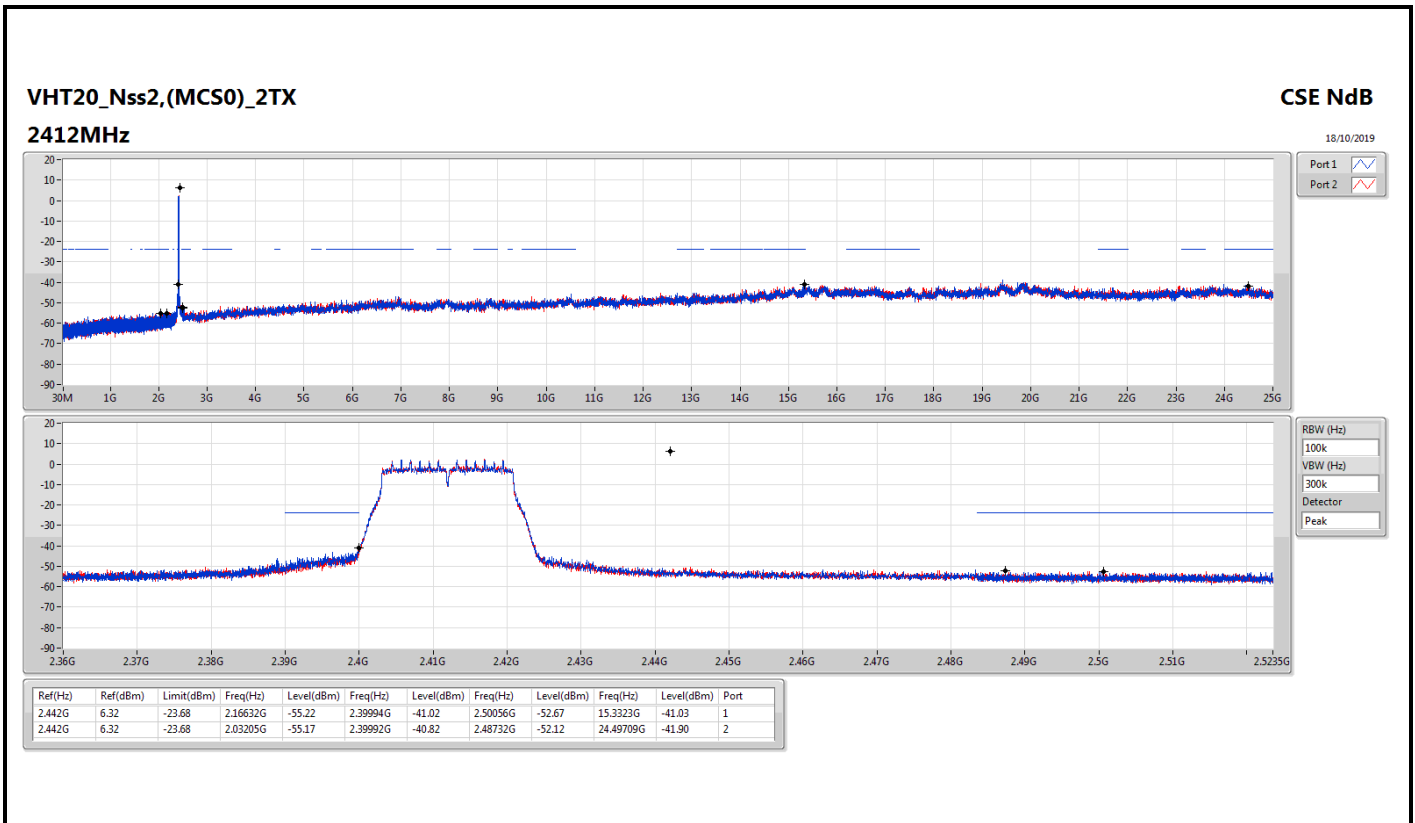
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43799G	12.94	-17.06	2.3035G	-54.11	2.3975G	-40.71	2.494G	-51.20	23.47441G	-41.70	1
2412MHz	Pass	2.43799G	12.94	-17.06	2.02914G	-54.94	2.39848G	-36.14	2.48618G	-51.25	16.79889G	-41.81	2
2437MHz	Pass	2.43799G	12.94	-17.06	2.30146G	-52.49	2.39502G	-49.10	2.48554G	-49.12	16.8916G	-41.12	1
2437MHz	Pass	2.43799G	12.94	-17.06	2.30466G	-54.40	2.39648G	-45.02	2.48398G	-47.33	15.34072G	-40.78	2
2462MHz	Pass	2.43799G	12.94	-17.06	2.1503G	-53.31	2.39706G	-51.27	2.4864G	-44.52	15.10191G	-41.80	1
2462MHz	Pass	2.43799G	12.94	-17.06	2.19981G	-54.01	2.39982G	-50.82	2.48498G	-39.90	15.31263G	-41.36	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44196G	7.38	-22.62	1.92982G	-54.49	2.3993G	-35.03	2.48732G	-51.79	16.76236G	-40.65	1
2412MHz	Pass	2.44196G	7.38	-22.62	2.01341G	-54.36	2.39916G	-32.75	2.49978G	-51.19	15.06258G	-40.43	2
2437MHz	Pass	2.44196G	7.38	-22.62	1.96128G	-54.77	2.39976G	-43.84	2.48366G	-46.99	23.5025G	-41.60	1
2437MHz	Pass	2.44196G	7.38	-22.62	2.1305G	-54.48	2.39984G	-42.33	2.48638G	-45.94	24.48304G	-41.20	2
2462MHz	Pass	2.44196G	7.38	-22.62	2.12758G	-54.02	2.39836G	-51.34	2.48604G	-46.37	15.32949G	-41.33	1
2462MHz	Pass	2.44196G	7.38	-22.62	2.10137G	-54.75	2.3991G	-51.27	2.48382G	-43.05	15.09348G	-41.38	2
VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.442G	6.32	-23.68	2.16632G	-55.22	2.39994G	-41.02	2.50056G	-52.67	15.3323G	-41.03	1
2412MHz	Pass	2.442G	6.32	-23.68	2.03205G	-55.17	2.39992G	-40.82	2.48732G	-52.12	24.49709G	-41.90	2
2437MHz	Pass	2.442G	6.32	-23.68	2.09525G	-54.47	2.3945G	-47.44	2.48636G	-49.59	15.09348G	-40.20	1
2437MHz	Pass	2.442G	6.32	-23.68	2.15321G	-53.96	2.39636G	-47.05	2.48618G	-47.97	17.52656G	-41.48	2
2462MHz	Pass	2.442G	6.32	-23.68	2.15496G	-55.49	2.39376G	-52.72	2.48728G	-50.37	15.10191G	-39.93	1
2462MHz	Pass	2.442G	6.32	-23.68	2.13253G	-54.83	2.39616G	-52.06	2.49746G	-50.47	23.43226G	-41.46	2
VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43198G	-0.61	-30.61	2.1056G	-55.07	2.39972G	-45.76	2.49226G	-50.91	16.67606G	-41.71	1
2422MHz	Pass	2.43198G	-0.61	-30.61	2.30941G	-54.44	2.39164G	-46.67	2.49066G	-52.01	23.46871G	-41.92	2
2437MHz	Pass	2.43198G	-0.61	-30.61	2.16686G	-54.92	2.39952G	-43.11	2.48482G	-51.01	15.041G	-41.08	1
2437MHz	Pass	2.43198G	-0.61	-30.61	2.11762G	-54.20	2.39952G	-42.32	2.48882G	-48.99	24.0773G	-41.29	2
2452MHz	Pass	2.43198G	-0.61	-30.61	2.10989G	-54.91	2.39664G	-52.93	2.48446G	-48.28	17.39403G	-41.32	1
2452MHz	Pass	2.43198G	-0.61	-30.61	2.14997G	-54.71	2.39448G	-51.68	2.48446G	-48.63	16.63679G	-41.13	2
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44196G	6.33	-23.67	2.15467G	-53.91	2.39994G	-40.89	2.489G	-52.35	24.43247G	-40.78	1
2412MHz	Pass	2.44196G	6.33	-23.67	2.12758G	-54.78	2.39704G	-39.49	2.49444G	-51.83	24.78366G	-41.01	2
2437MHz	Pass	2.44196G	6.33	-23.67	2.04836G	-54.87	2.39832G	-47.18	2.49044G	-49.45	23.14007G	-41.77	1
2437MHz	Pass	2.44196G	6.33	-23.67	2.30117G	-55.09	2.39976G	-44.52	2.48508G	-47.08	16.80451G	-41.22	2
2462MHz	Pass	2.44196G	6.33	-23.67	2.30758G	-54.04	2.39734G	-52.07	2.48568G	-49.53	15.06539G	-41.79	1
2462MHz	Pass	2.44196G	6.33	-23.67	2.1704G	-55.06	2.3906G	-52.30	2.48604G	-47.85	15.09348G	-40.51	2
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43198G	-0.57	-30.57	2.14567G	-53.62	2.39284G	-44.99	2.48786G	-51.99	15.09989G	-40.55	1
2422MHz	Pass	2.43198G	-0.57	-30.57	2.30368G	-54.27	2.39328G	-45.05	2.4849G	-52.19	15.34389G	-41.58	2
2437MHz	Pass	2.43198G	-0.57	-30.57	2.30168G	-54.58	2.39976G	-44.33	2.49202G	-48.94	24.05486G	-41.03	1
2437MHz	Pass	2.43198G	-0.57	-30.57	2.30912G	-54.86	2.3982G	-42.85	2.48798G	-48.60	16.24416G	-41.45	2
2452MHz	Pass	2.43198G	-0.57	-30.57	2.15856G	-54.37	2.39108G	-52.93	2.48702G	-49.80	15.12514G	-41.59	1
2452MHz	Pass	2.43198G	-0.57	-30.57	1.93585G	-55.17	2.39584G	-51.84	2.49074G	-48.00	15.11392G	-40.86	2

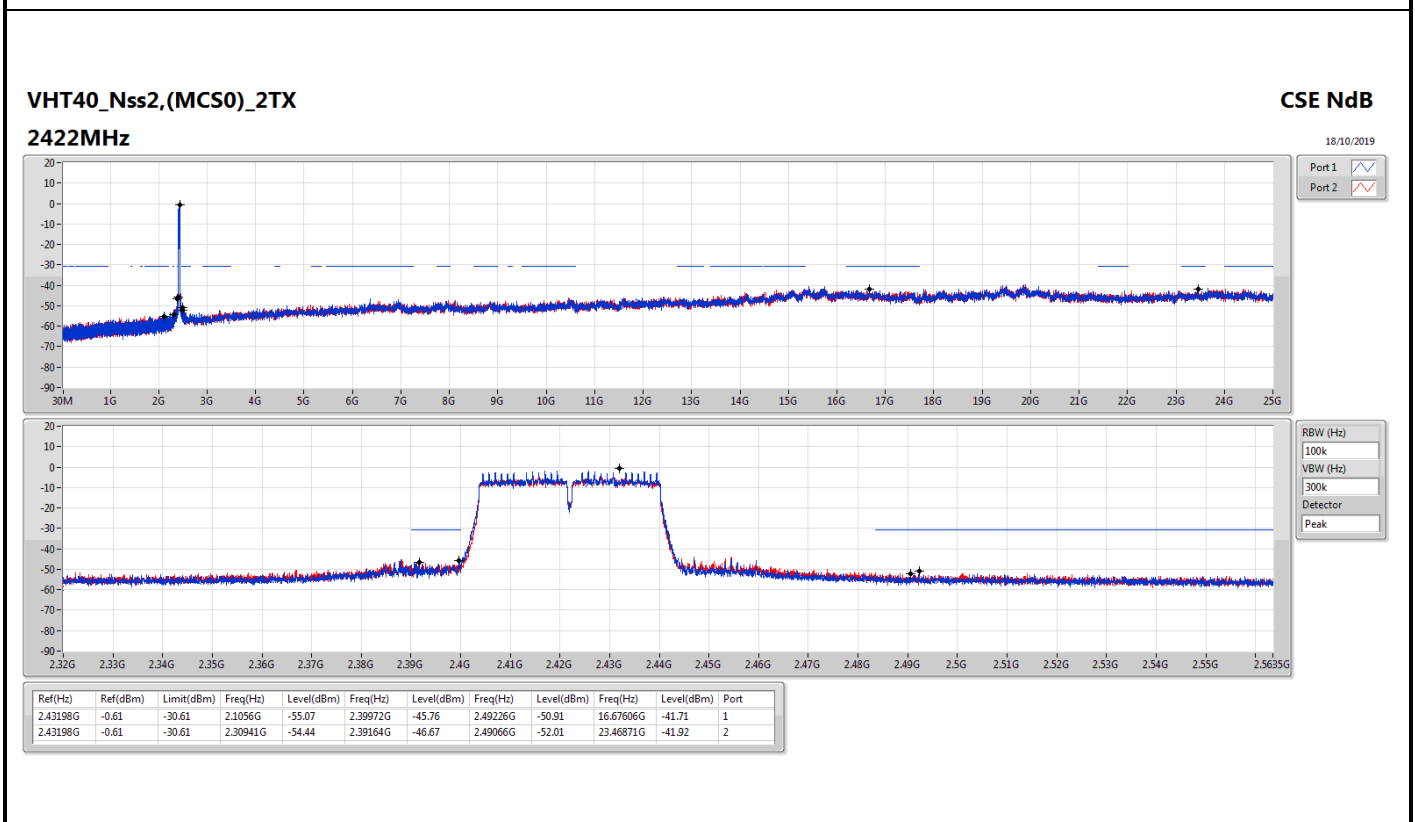
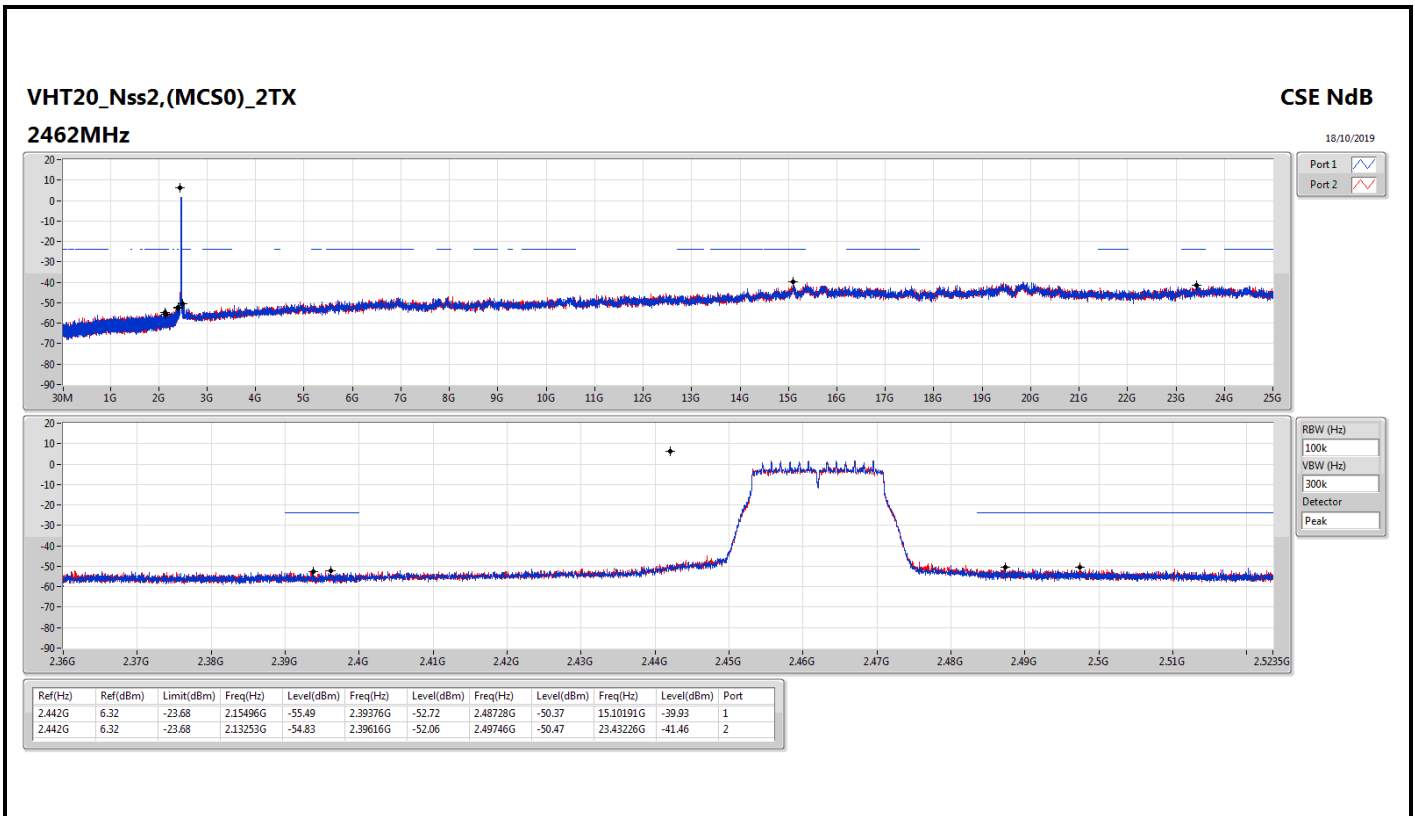


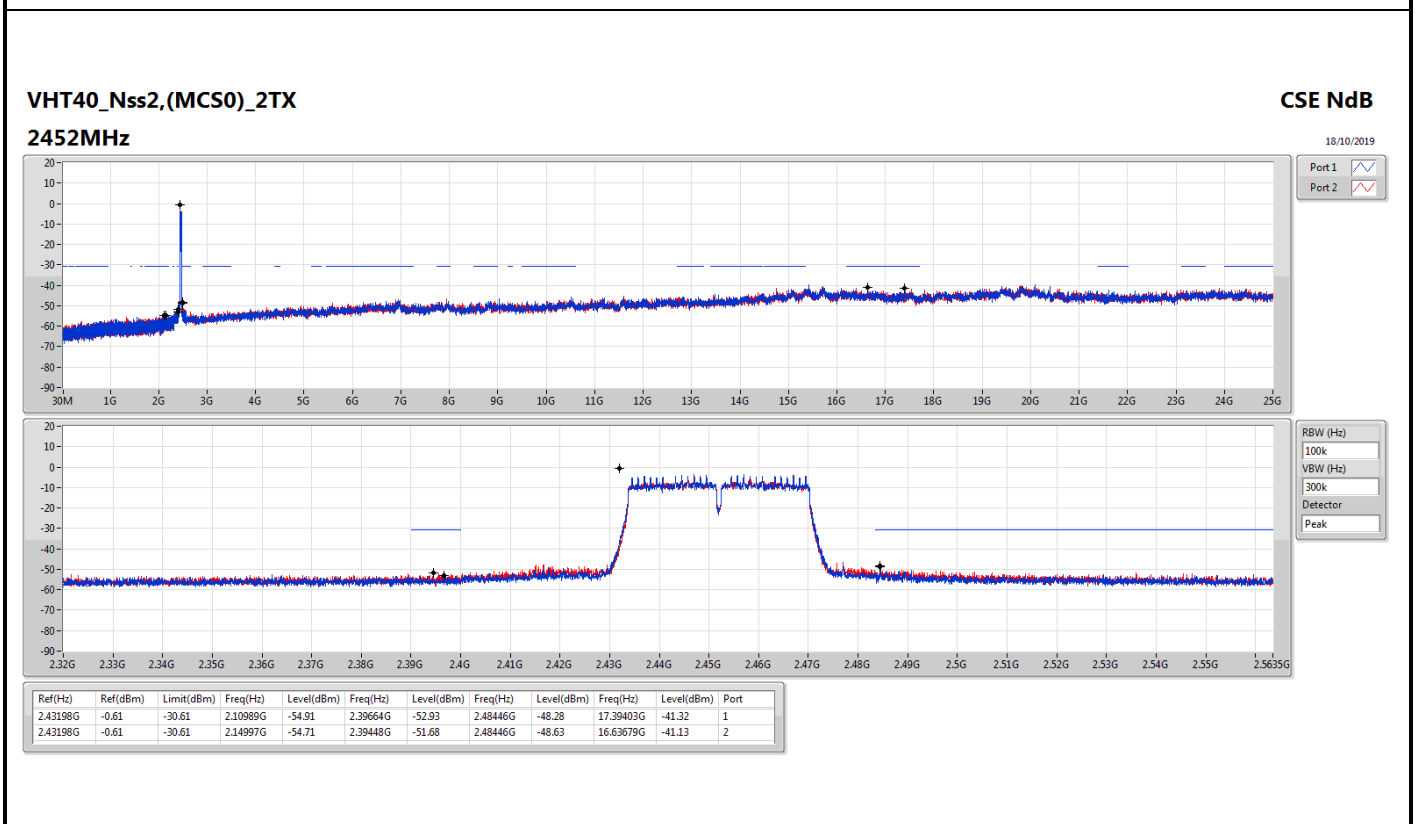
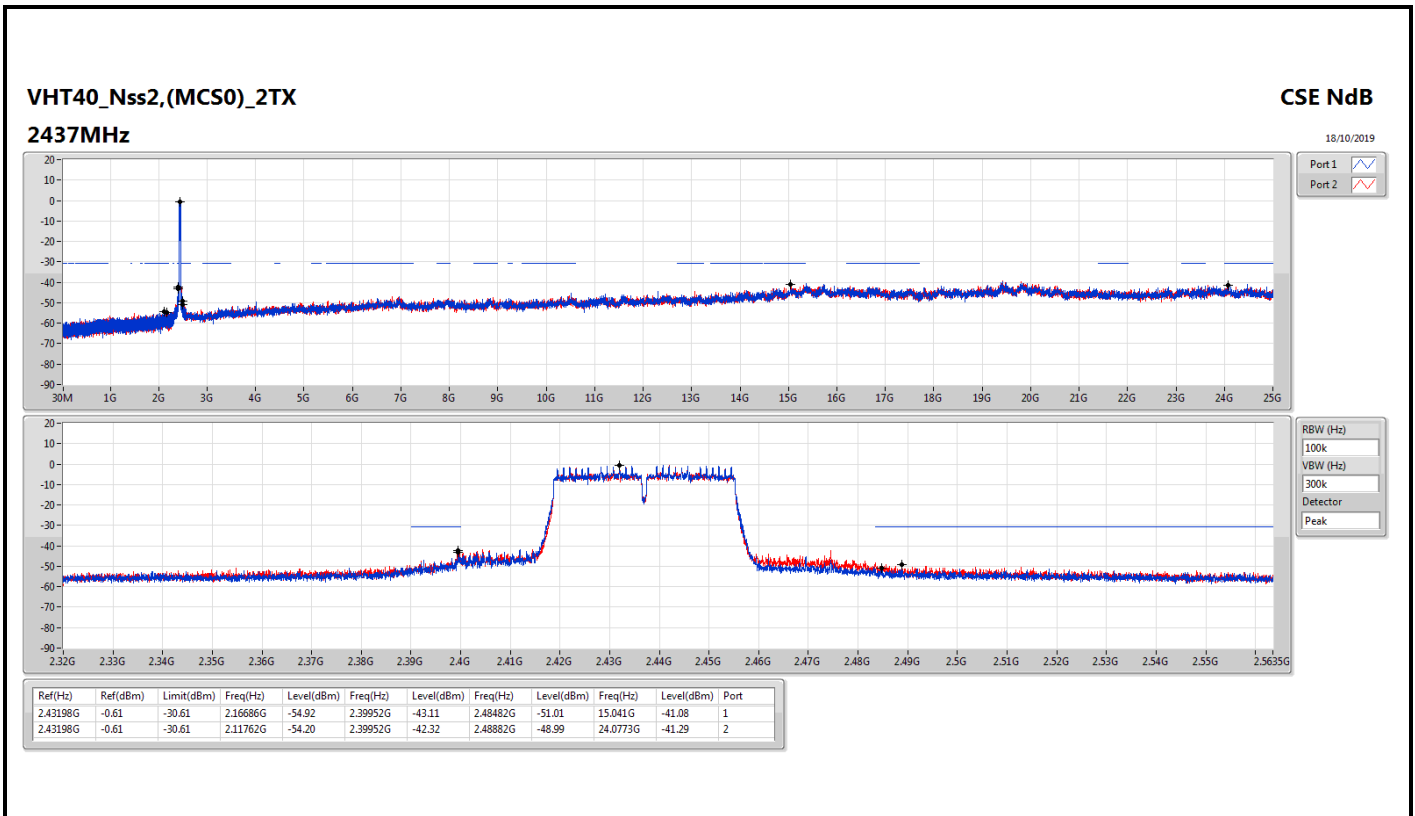


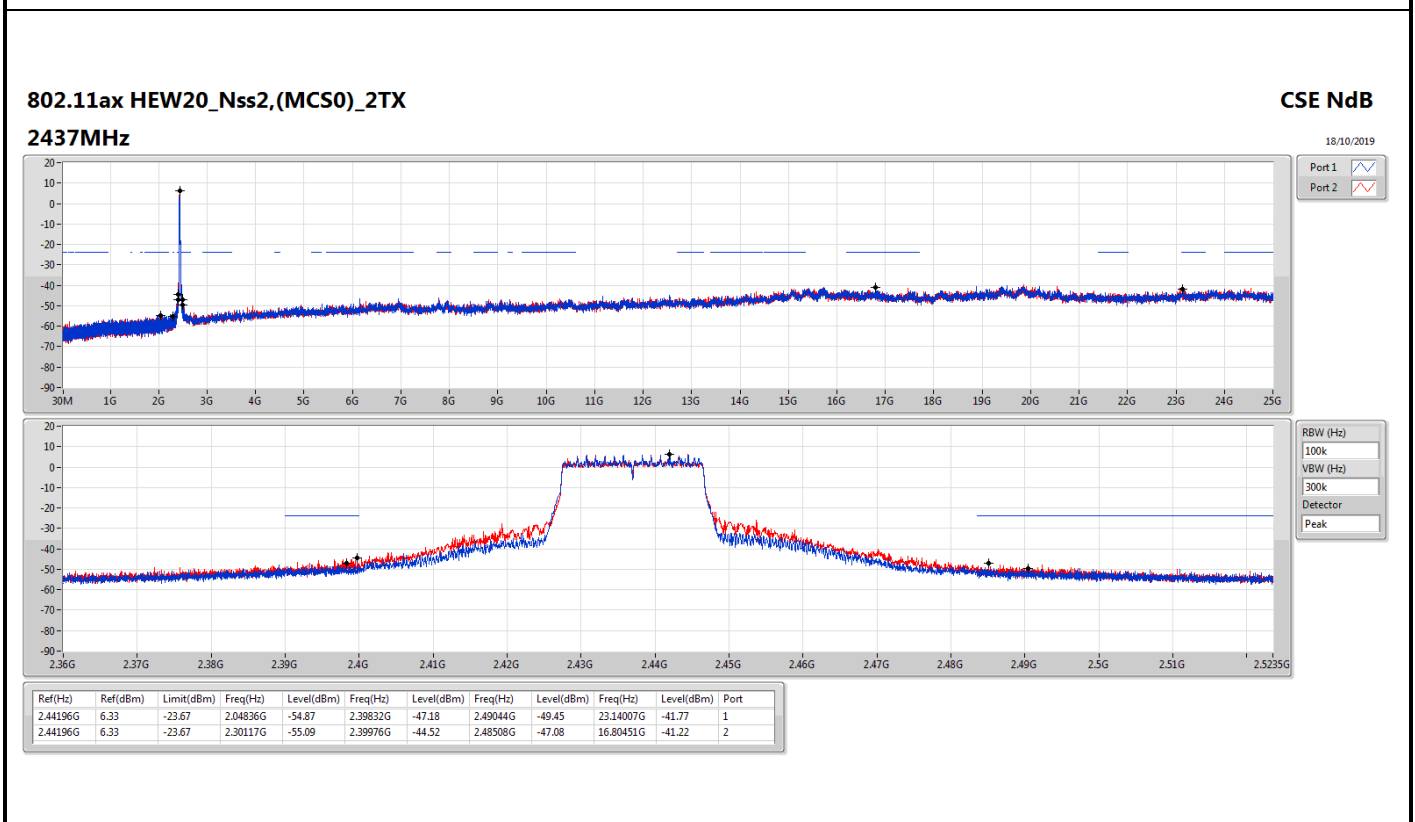
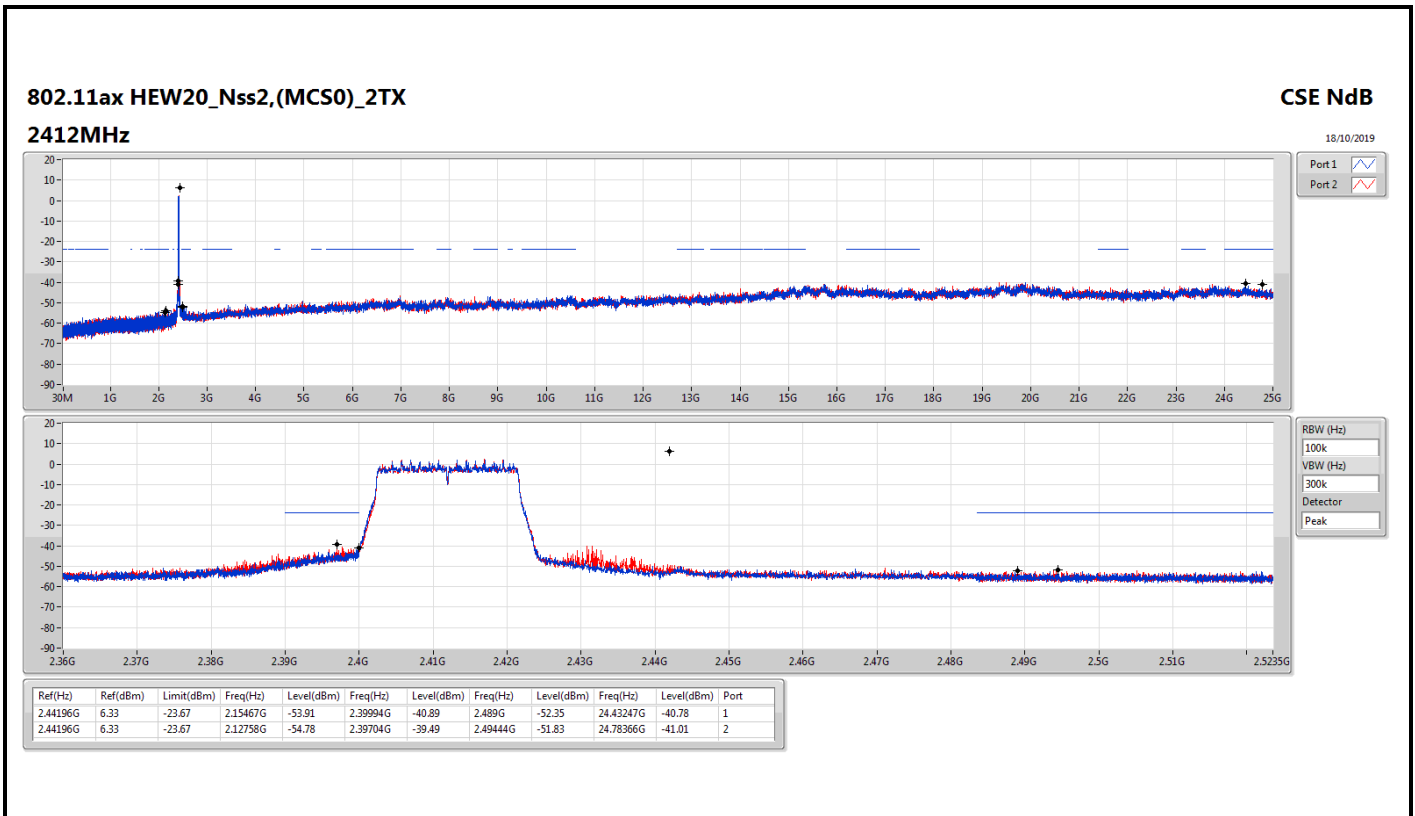


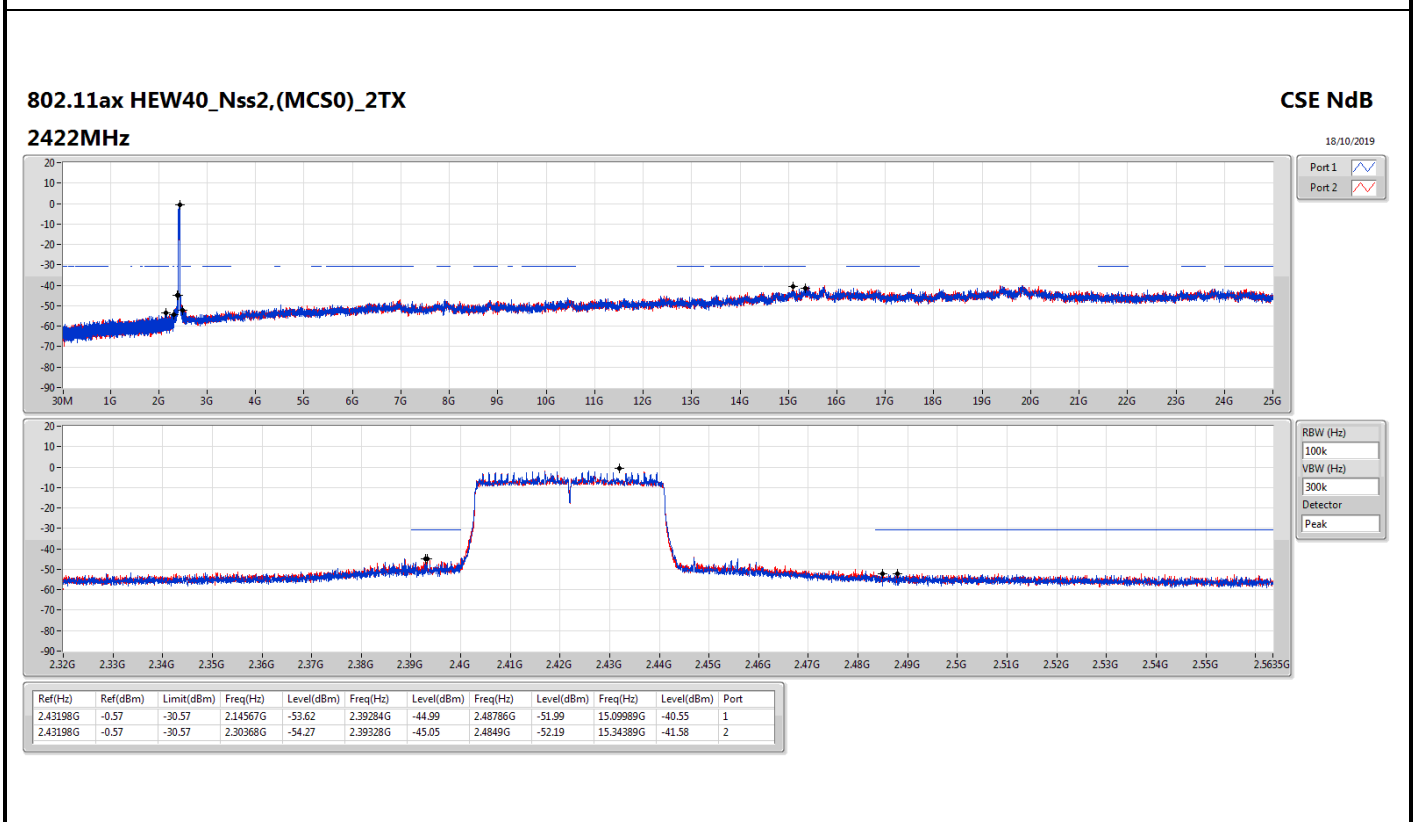
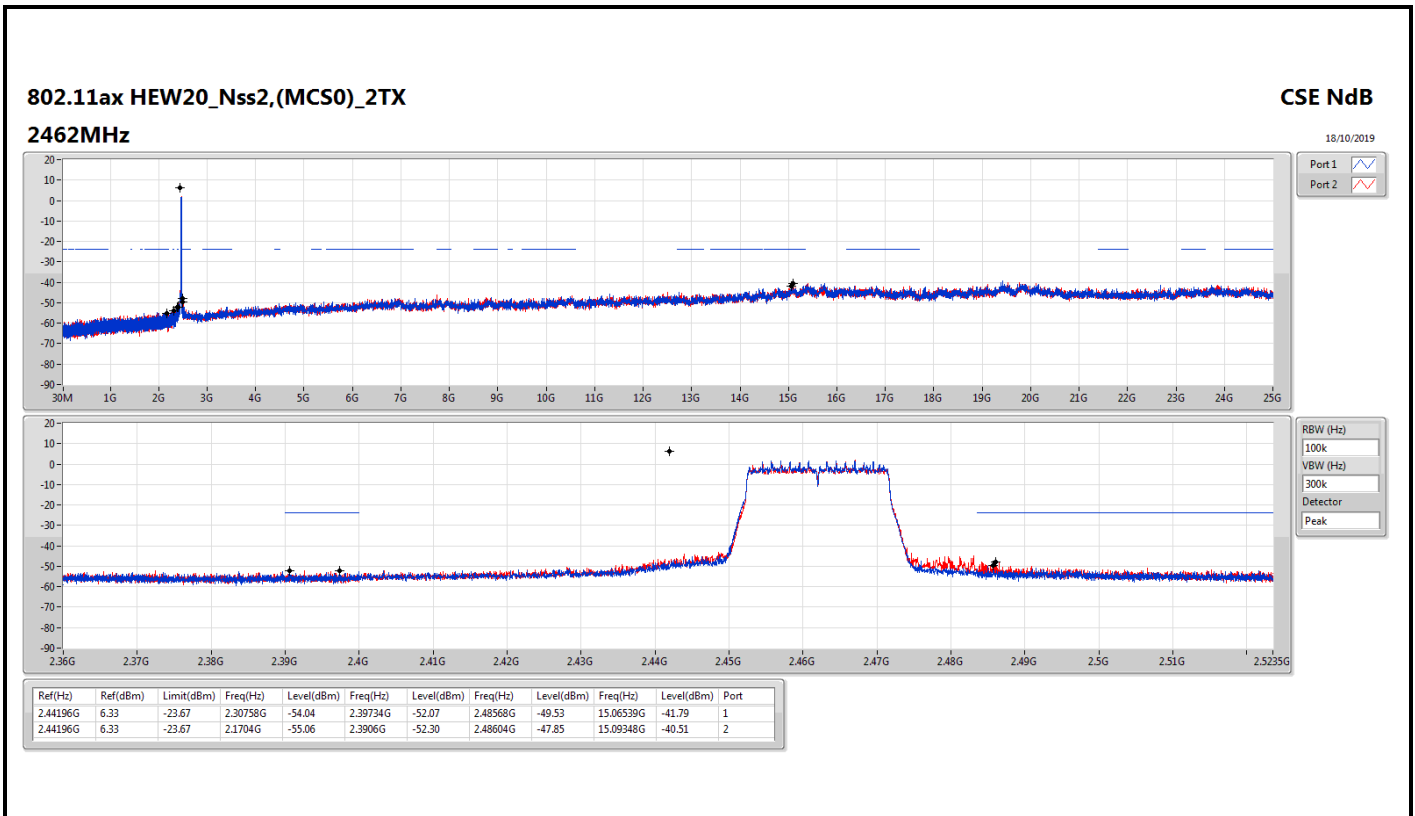










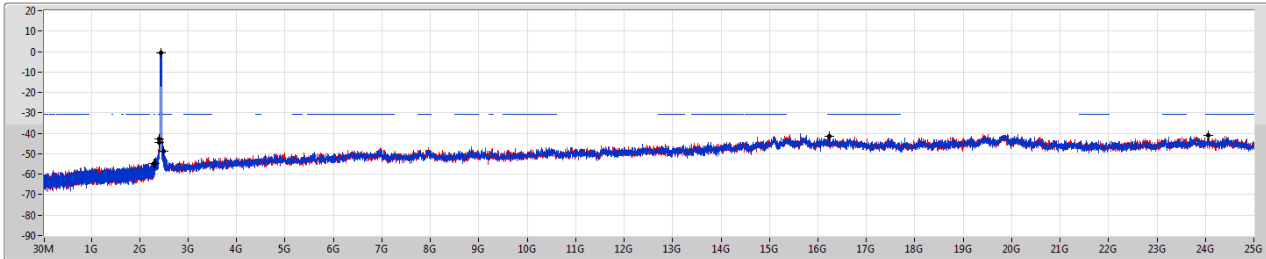


802.11ax HEW40\_Nss2,(MCS0)\_2TX

CSE NdB

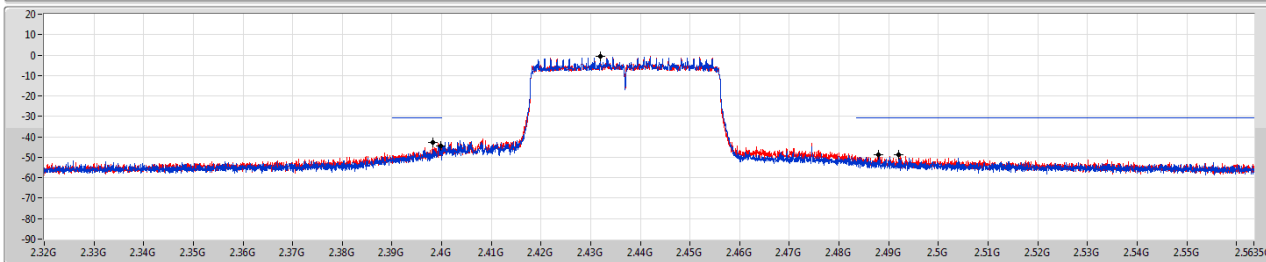
2437MHz

18/10/2019



Port 1

Port 2



RBW (Hz)

VBW (Hz)

Detector

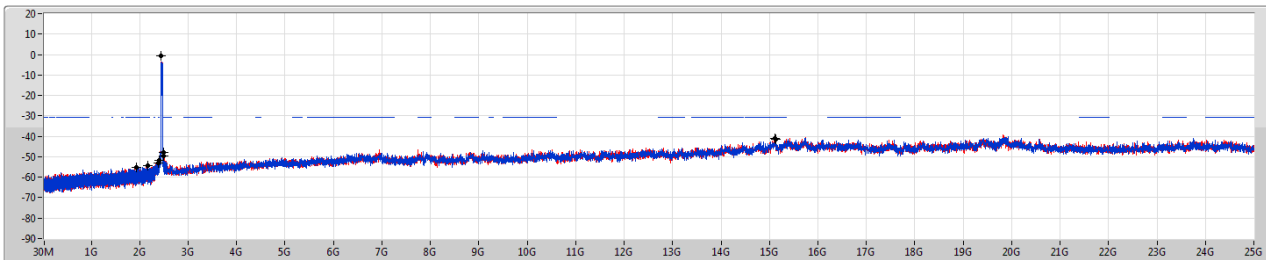
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43198G	-0.57	-30.57	2.30168G	-54.58	2.39976G	-44.33	2.49202G	-48.94	24.05486G	-41.03	1
2.43198G	-0.57	-30.57	2.30912G	-54.86	2.3982G	-42.85	2.48798G	-48.60	16.24416G	-41.45	2

802.11ax HEW40\_Nss2,(MCS0)\_2TX

CSE NdB

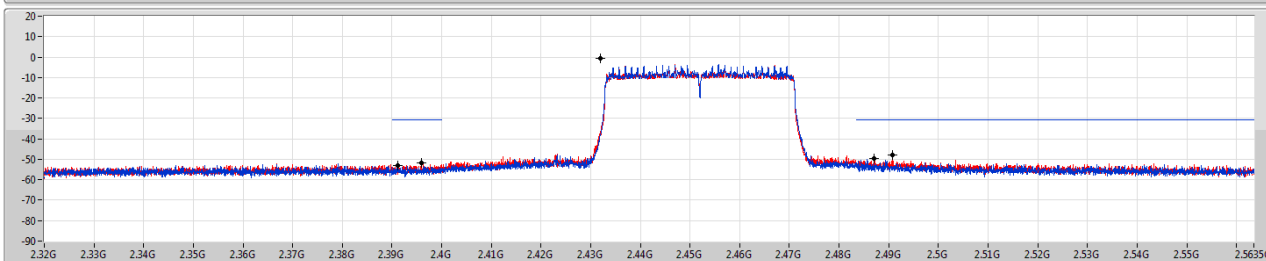
2452MHz

18/10/2019



Port 1

Port 2



RBW (Hz)

VBW (Hz)

Detector

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43198G	-0.57	-30.57	2.15856G	-54.37	2.39108G	-52.93	2.48702G	-49.80	15.12514G	-41.59	1
2.43198G	-0.57	-30.57	1.93585G	-55.17	2.39584G	-51.84	2.49074G	-48.00	15.11392G	-40.86	2



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)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
VHT20-BF_Nss1,(MCS0)_2TX	Pass	2.43749G	16.32	-13.68	2.30991G	-54.21	2.39948G	-31.19	2.49094G	-50.45	23.49126G	-49.13	1
VHT40-BF_Nss1,(MCS0)_2TX	Pass	2.42902G	9.95	-20.05	2.3097G	-54.81	2.397G	-35.51	2.48478G	-49.45	24.84294G	-49.39	1
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	Pass	2.43803G	15.82	-14.18	2.30612G	-53.93	2.39828G	-28.88	2.51146G	-51.66	16.58536G	-48.36	1
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	Pass	2.43048G	9.90	-20.10	2.30712G	-54.57	2.39928G	-33.27	2.49334G	-49.33	23.44347G	-49.42	1

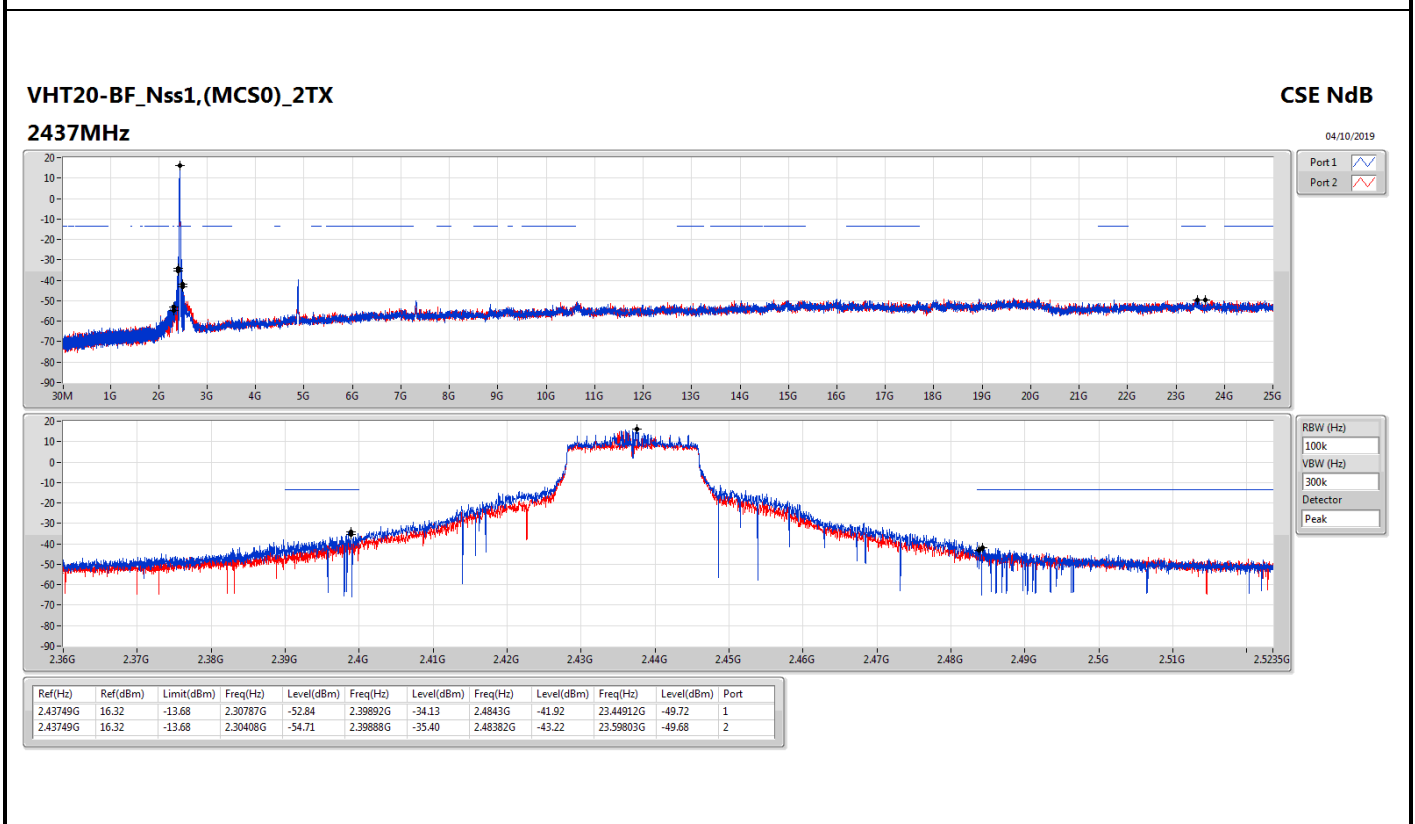
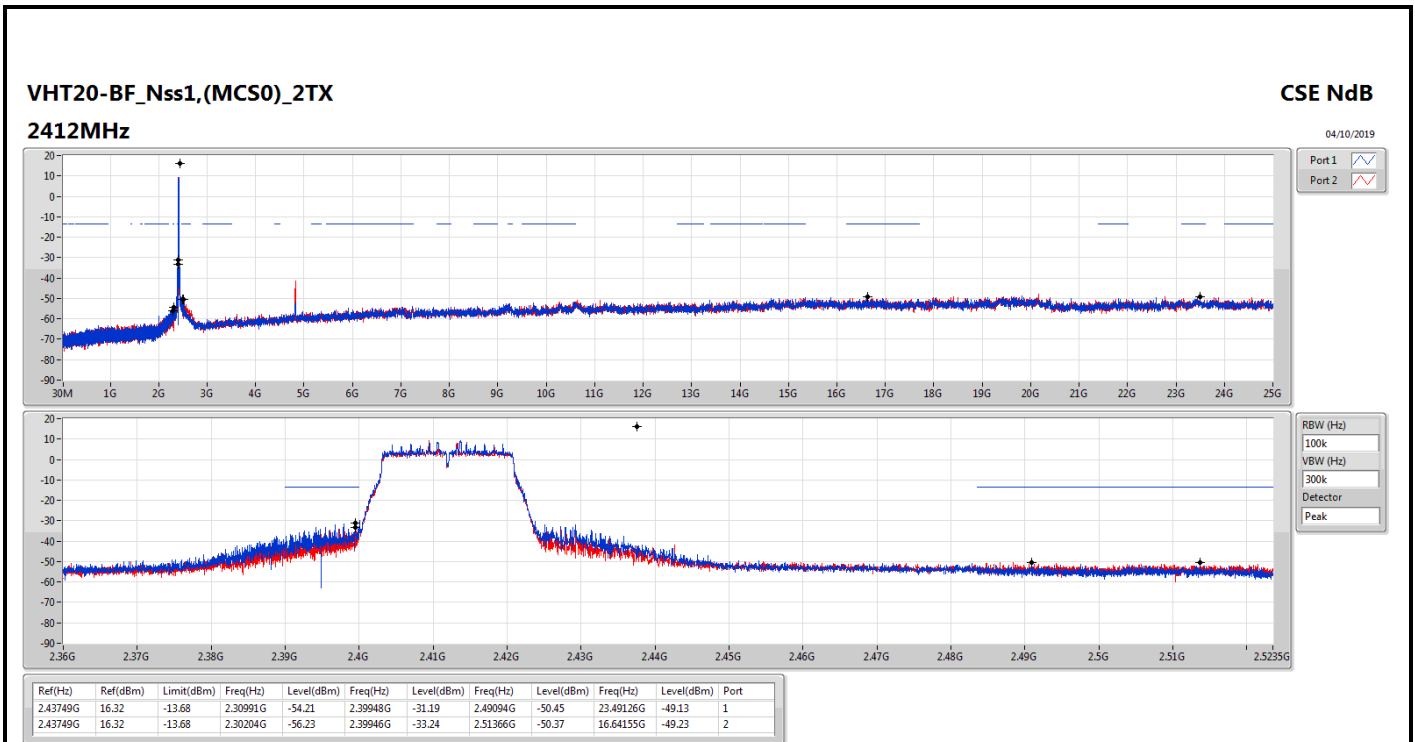


**CSE(Non-restricted Band)\_Beamforming\_Sample 1\_Radio 1 Appendix E.17**

**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)	Port
VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43749G	16.32	-13.68	2.30991G	-54.21	2.39948G	-31.19	2.49094G	-50.45	23.49126G	-49.13	1
2412MHz	Pass	2.43749G	16.32	-13.68	2.30204G	-56.23	2.39946G	-33.24	2.51366G	-50.37	16.64155G	-49.23	2
2437MHz	Pass	2.43749G	16.32	-13.68	2.30787G	-52.84	2.39892G	-34.13	2.4843G	-41.92	23.44912G	-49.72	1
2437MHz	Pass	2.43749G	16.32	-13.68	2.30408G	-54.71	2.39888G	-35.40	2.48382G	-43.22	23.59803G	-49.68	2
2462MHz	Pass	2.43749G	16.32	-13.68	2.30845G	-56.62	2.39846G	-52.60	2.4848G	-45.21	23.42384G	-48.92	1
2462MHz	Pass	2.43749G	16.32	-13.68	2.30233G	-57.61	2.39228G	-53.02	2.48388G	-44.94	15.30139G	-48.96	2
VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.42902G	9.95	-20.05	2.3097G	-54.81	2.397G	-35.51	2.48478G	-49.45	24.84294G	-49.39	1
2422MHz	Pass	2.42902G	9.95	-20.05	2.30569G	-55.77	2.39608G	-39.91	2.51386G	-49.29	14.68201G	-49.32	2
2437MHz	Pass	2.42902G	9.95	-20.05	2.30254G	-54.99	2.39788G	-41.40	2.48734G	-43.86	23.48273G	-49.24	1
2437MHz	Pass	2.42902G	9.95	-20.05	2.30998G	-57.05	2.39856G	-38.37	2.4875G	-44.33	16.25537G	-48.84	2
2452MHz	Pass	2.42902G	9.95	-20.05	2.30597G	-56.31	2.39948G	-42.09	2.48886G	-39.51	16.31988G	-49.37	1
2452MHz	Pass	2.42902G	9.95	-20.05	2.30741G	-57.60	2.3978G	-47.87	2.48358G	-42.21	23.4631G	-48.63	2
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43803G	15.82	-14.18	2.30612G	-53.93	2.39828G	-28.88	2.51146G	-51.66	16.58536G	-48.36	1
2412MHz	Pass	2.43803G	15.82	-14.18	2.3067G	-55.44	2.39778G	-33.85	2.51126G	-50.49	16.84384G	-49.53	2
2437MHz	Pass	2.43803G	15.82	-14.18	2.30495G	-54.59	2.39996G	-33.88	2.48672G	-38.66	17.08827G	-48.84	1
2437MHz	Pass	2.43803G	15.82	-14.18	2.30932G	-51.87	2.39746G	-35.39	2.48664G	-40.52	2.53193G	-48.05	2
2462MHz	Pass	2.43803G	15.82	-14.18	2.30787G	-56.46	2.39702G	-52.55	2.48366G	-44.40	23.45474G	-49.32	1
2462MHz	Pass	2.43803G	15.82	-14.18	2.30903G	-57.84	2.3961G	-52.92	2.48442G	-44.26	24.37909G	-49.23	2
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43048G	9.90	-20.10	2.30712G	-54.57	2.39928G	-33.27	2.49334G	-49.33	23.44347G	-49.42	1
2422MHz	Pass	2.43048G	9.90	-20.10	2.3054G	-54.87	2.39788G	-38.24	2.48354G	-49.58	14.72689G	-48.94	2
2437MHz	Pass	2.43048G	9.90	-20.10	2.30426G	-54.51	2.39576G	-35.97	2.48666G	-41.22	15.3495G	-49.16	1
2437MHz	Pass	2.43048G	9.90	-20.10	2.30884G	-55.00	2.39924G	-38.67	2.4865G	-43.03	16.22172G	-49.34	2
2452MHz	Pass	2.43048G	9.90	-20.10	2.30168G	-53.93	2.39552G	-43.36	2.48794G	-35.26	16.47974G	-49.65	1
2452MHz	Pass	2.43048G	9.90	-20.10	2.30626G	-57.58	2.39948G	-44.24	2.48546G	-39.31	16.29744G	-49.30	2

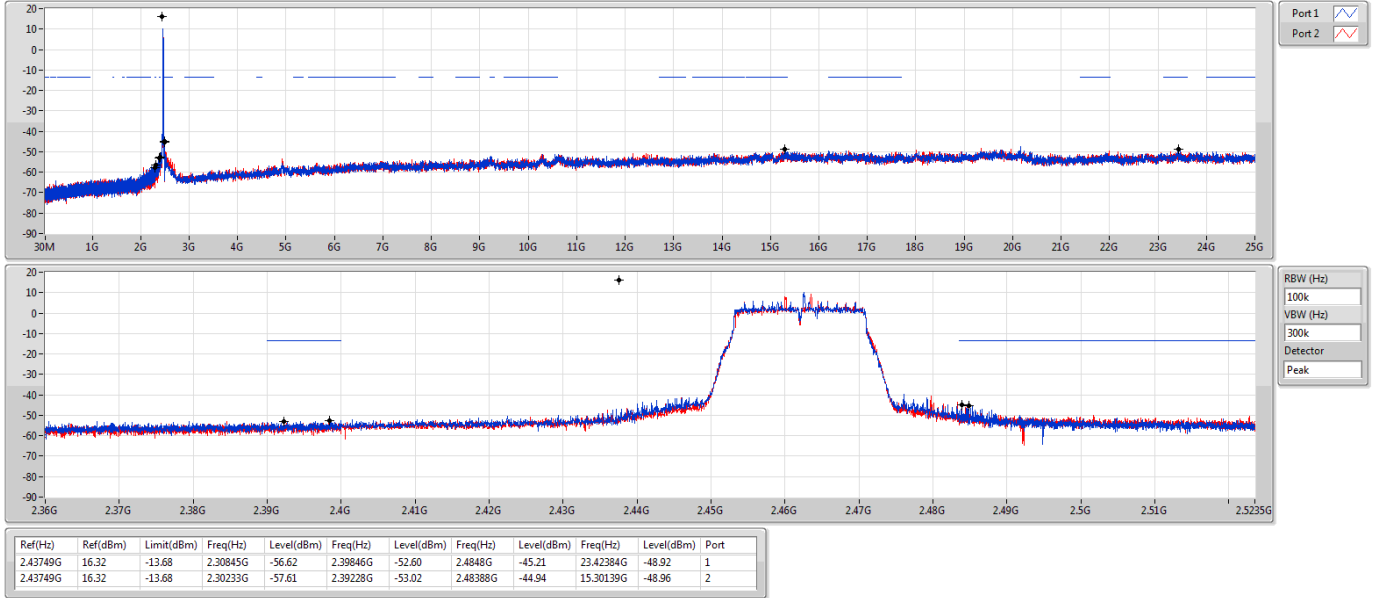




VHT20-BF\_Nss1,(MCS0)\_2TX

CSE NdB

2462MHz



VHT40-BF\_Nss1,(MCS0)\_2TX

CSE NdB

2422MHz



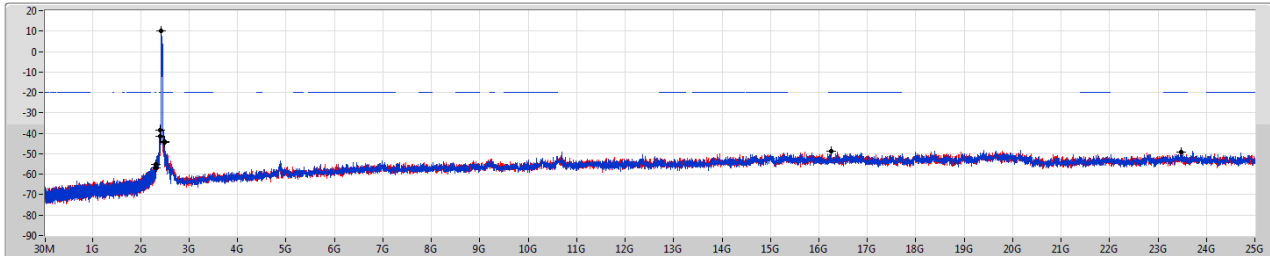


VHT40-BF\_Nss1,(MCS0)\_2TX

CSE NdB

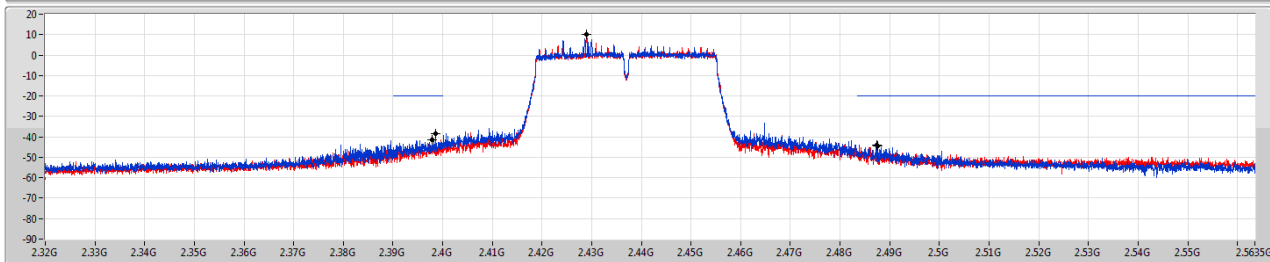
2437MHz

04/10/2019



Port 1

Port 2



RBW (Hz)

VBW (Hz)

Detector

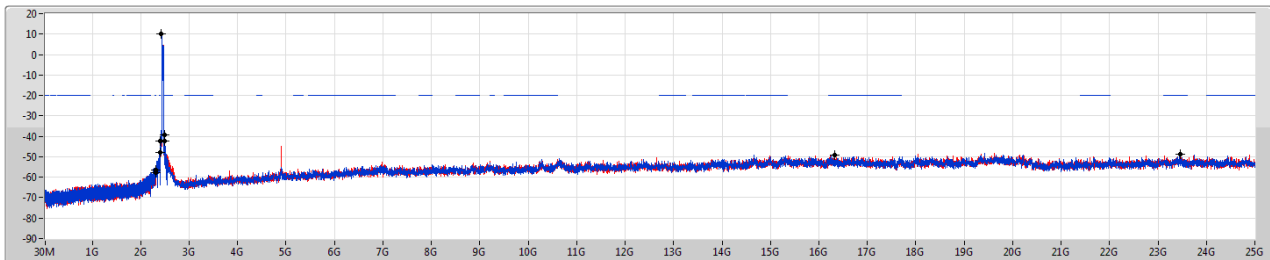
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.42902G	9.95	-20.05	2.30254G	-54.99	2.39788G	-41.40	2.48734G	-43.86	23.48273G	-49.24	1
2.42902G	9.95	-20.05	2.30998G	-57.05	2.39856G	-38.37	2.4875G	-44.33	16.25537G	-48.84	2

VHT40-BF\_Nss1,(MCS0)\_2TX

CSE NdB

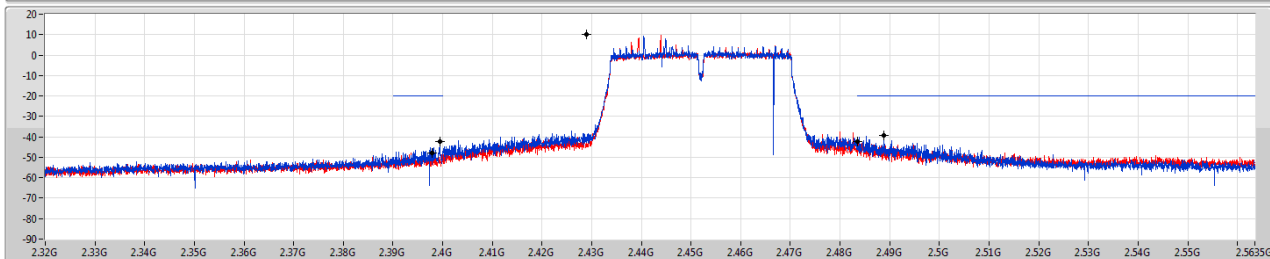
2452MHz

04/10/2019



Port 1

Port 2

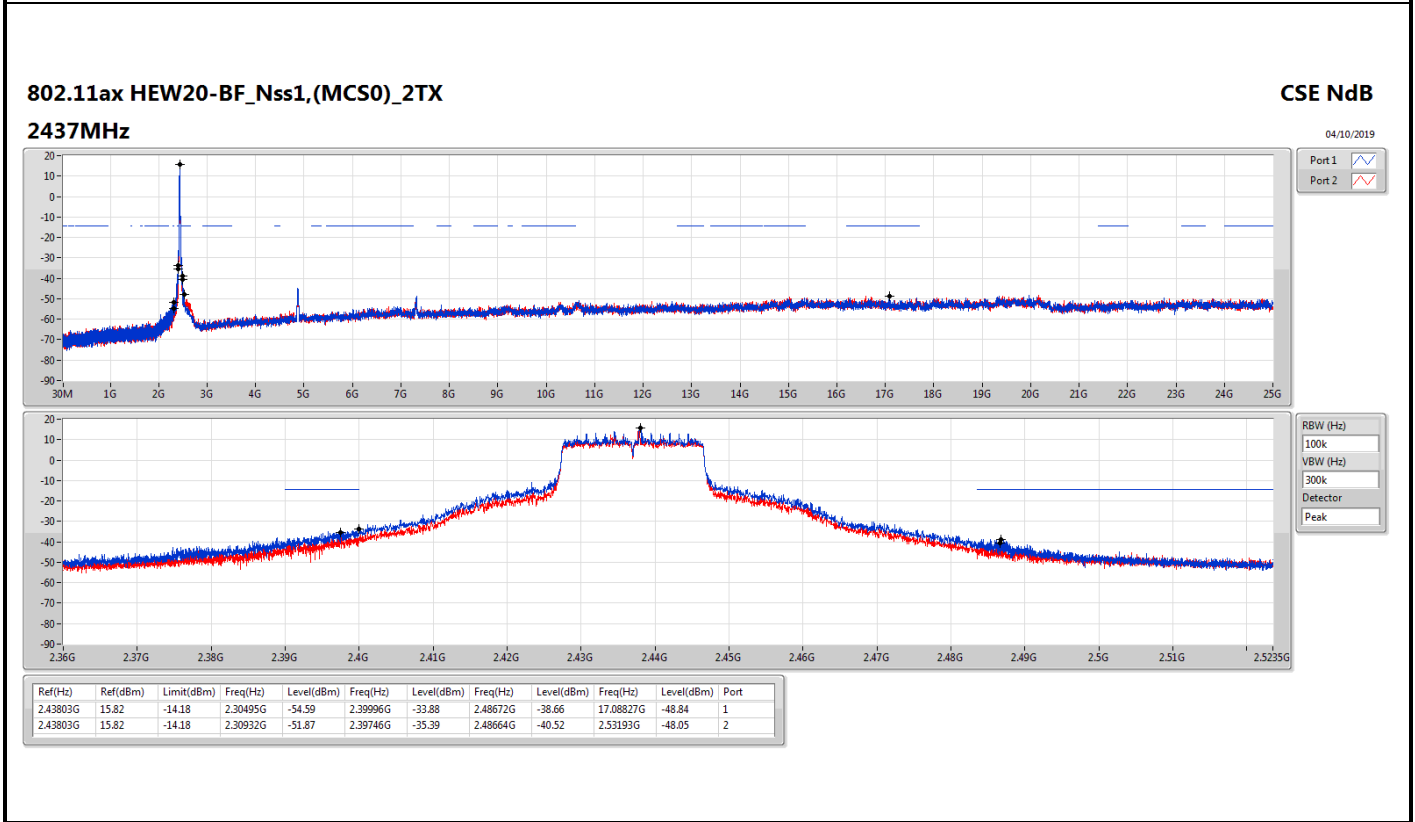
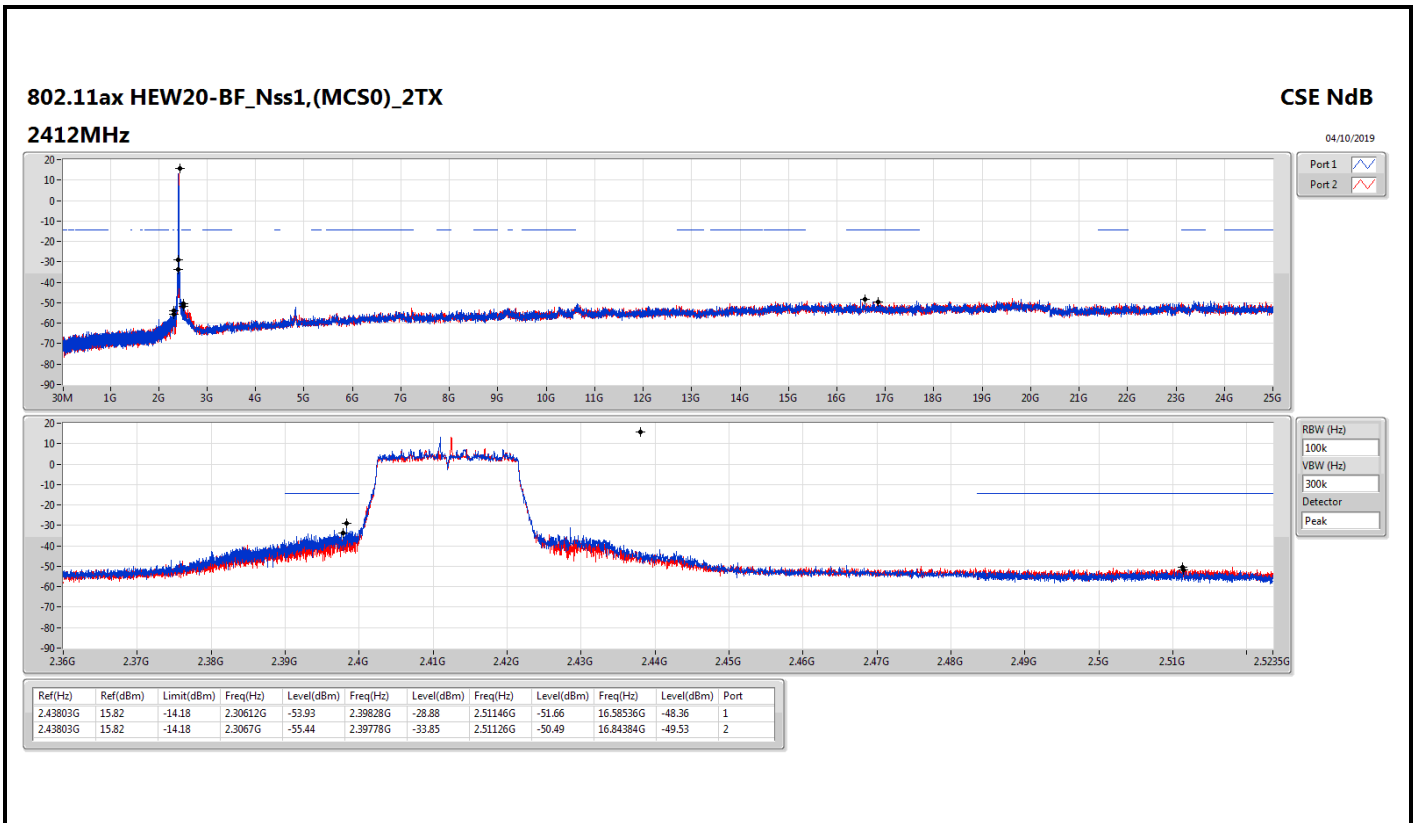


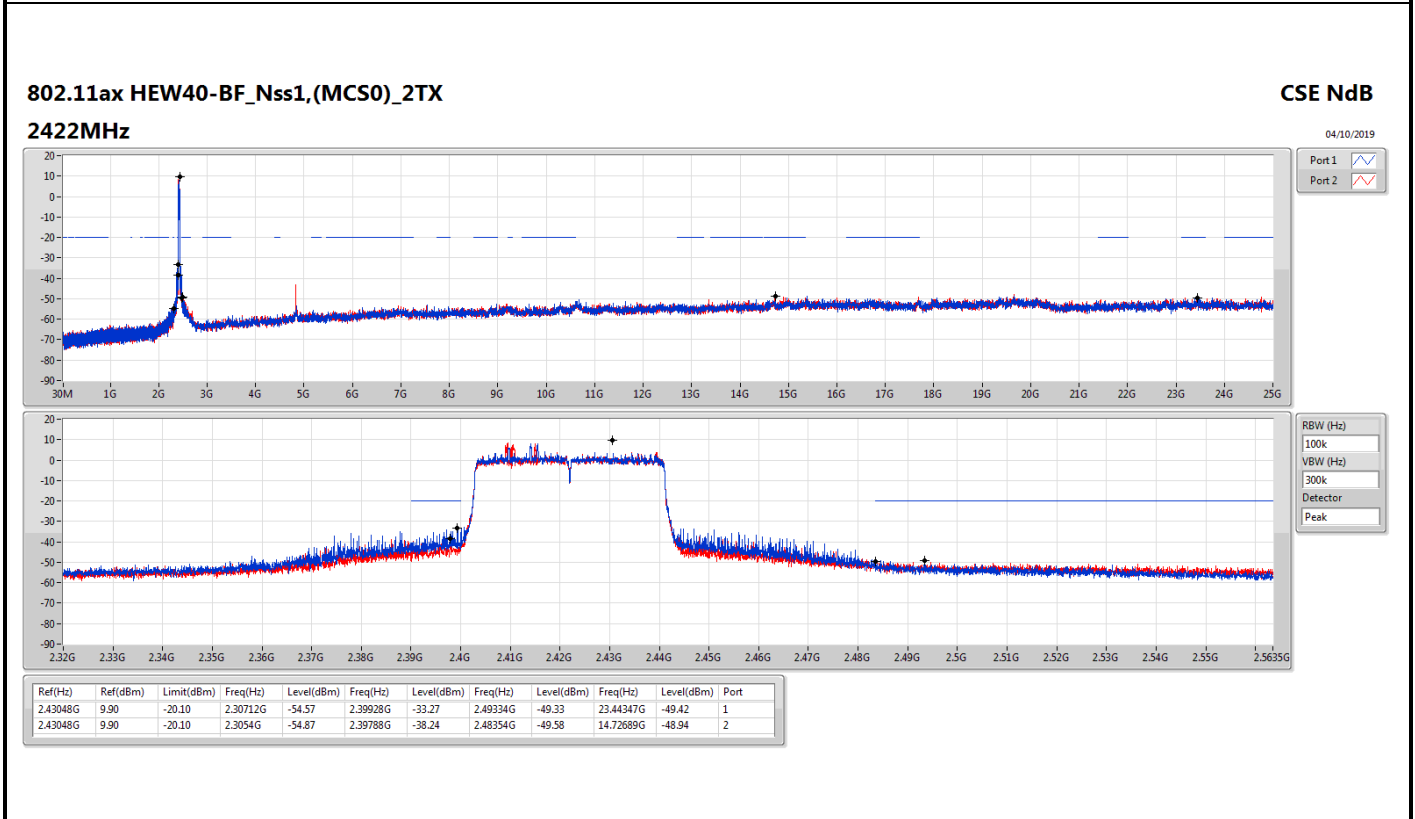
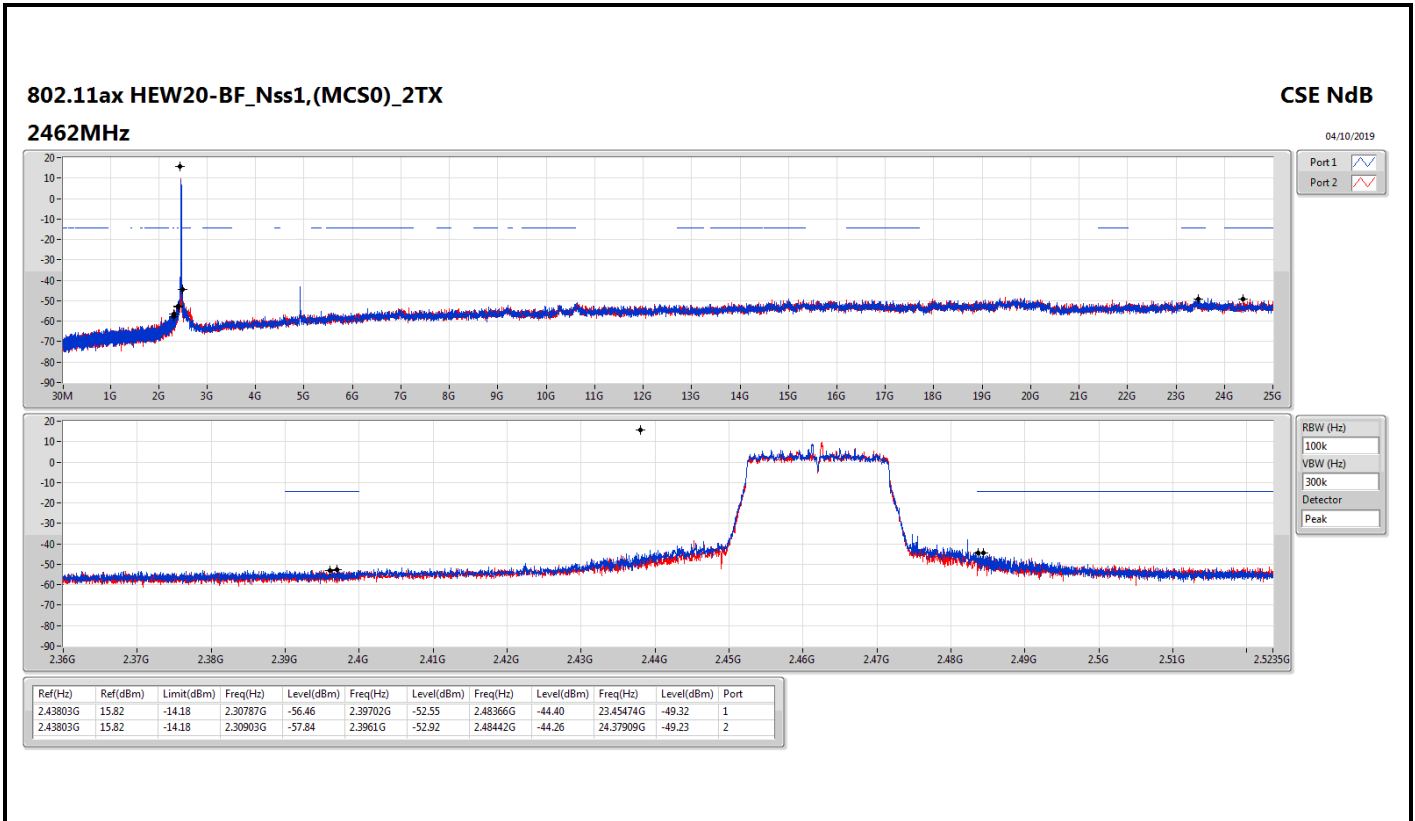
RBW (Hz)

VBW (Hz)

Detector

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.42902G	9.95	-20.05	2.30597G	-56.31	2.39948G	-42.09	2.48896G	-39.51	16.31988G	-49.37	1
2.42902G	9.95	-20.05	2.30741G	-57.60	2.3978G	-47.87	2.48358G	-42.21	23.4631G	-48.63	2

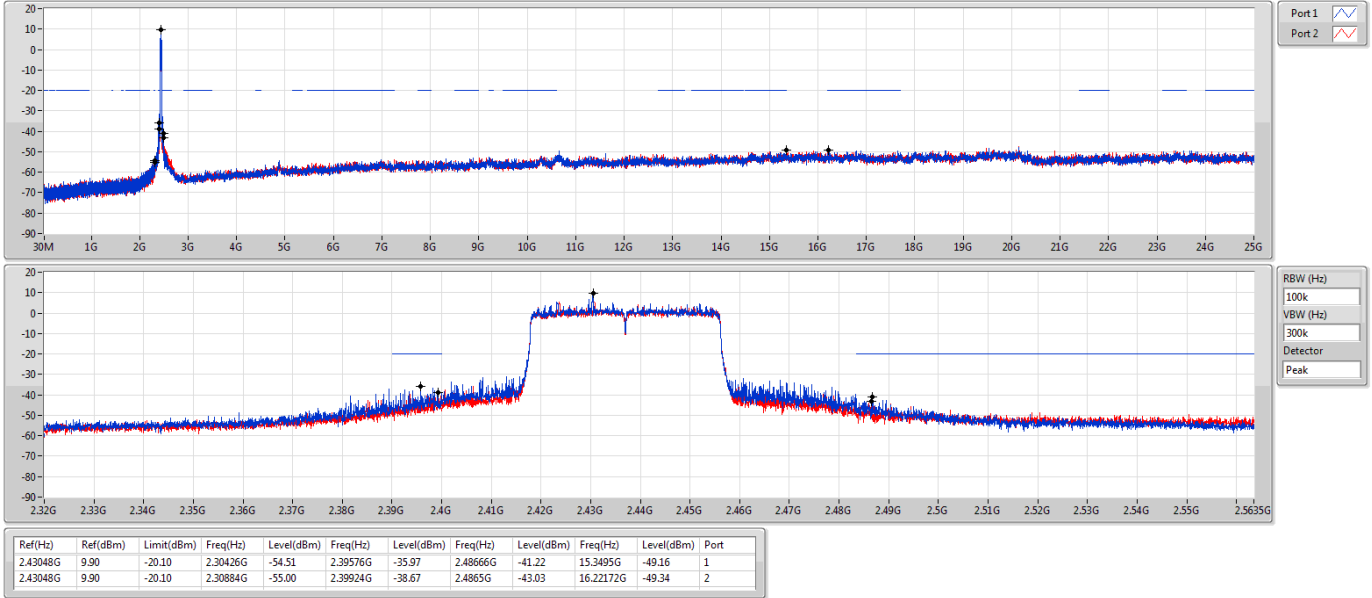




802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

CSE NdB

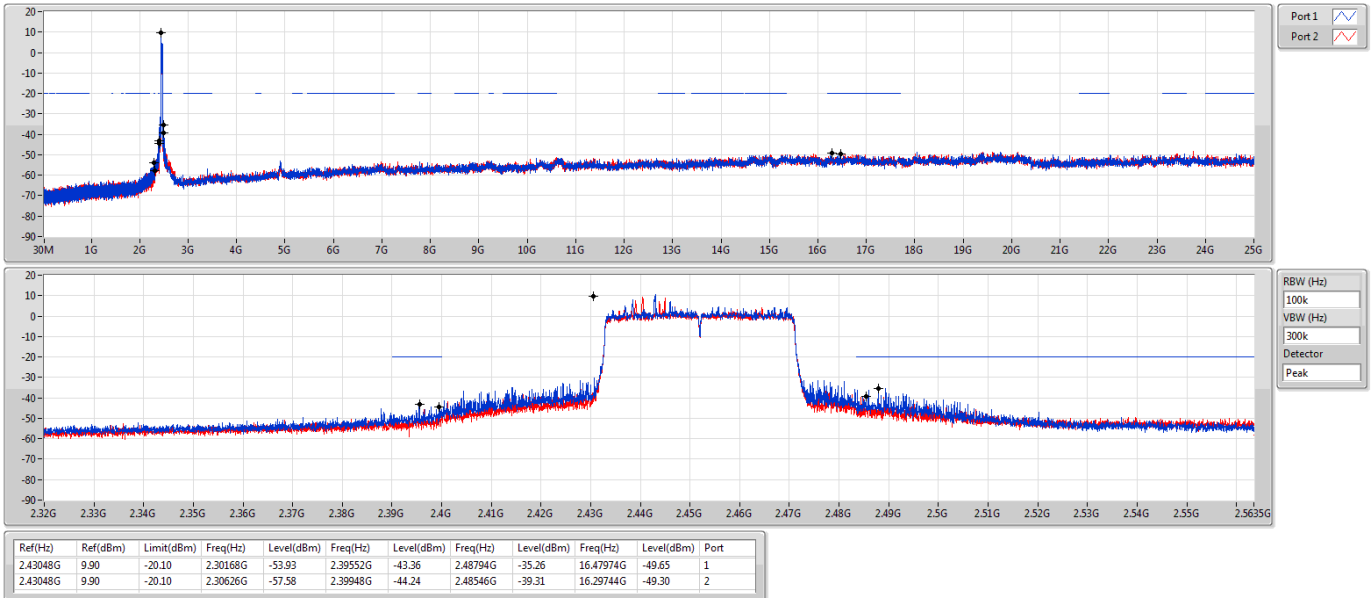
2437MHz



802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

CSE NdB

2452MHz





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)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
VHT20-BF_Nss1,(MCS0)_2TX	Pass	2.43899G	26.04	-3.96	2.30612G	-58.54	2.39988G	-28.55	2.49316G	-53.97	23.40698G	-48.89	1
VHT40-BF_Nss1,(MCS0)_2TX	Pass	2.42601G	7.22	-22.78	2.30025G	-57.02	2.3998G	-39.34	2.48478G	-50.52	16.70971G	-47.84	2
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	Pass	2.43745G	11.22	-18.78	2.3067G	-58.26	2.3993G	-28.68	2.48812G	-54.61	14.96143G	-49.07	1
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	Pass	2.42897G	5.90	-24.10	2.30025G	-56.17	2.39948G	-32.64	2.48574G	-49.13	16.73215G	-48.74	1

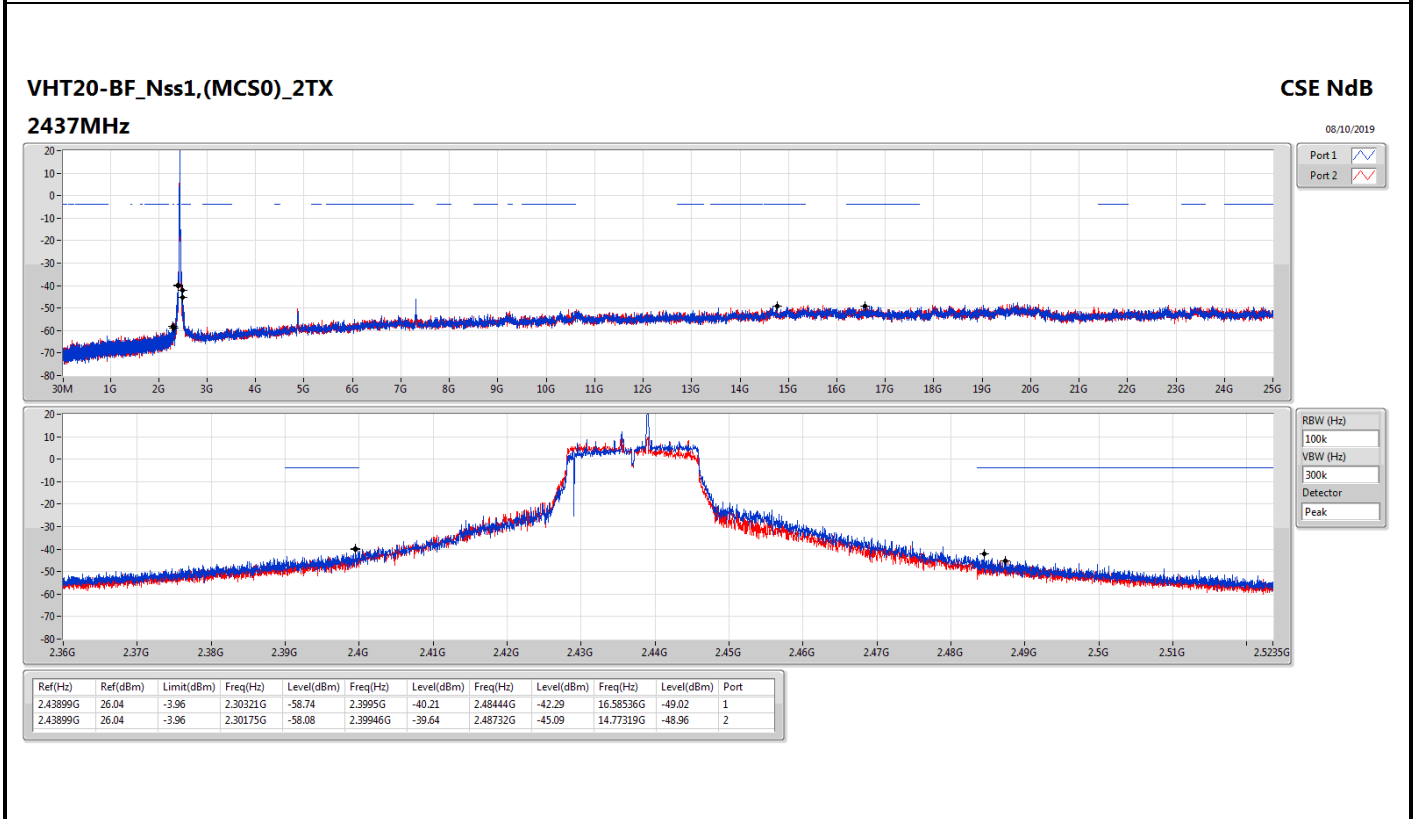
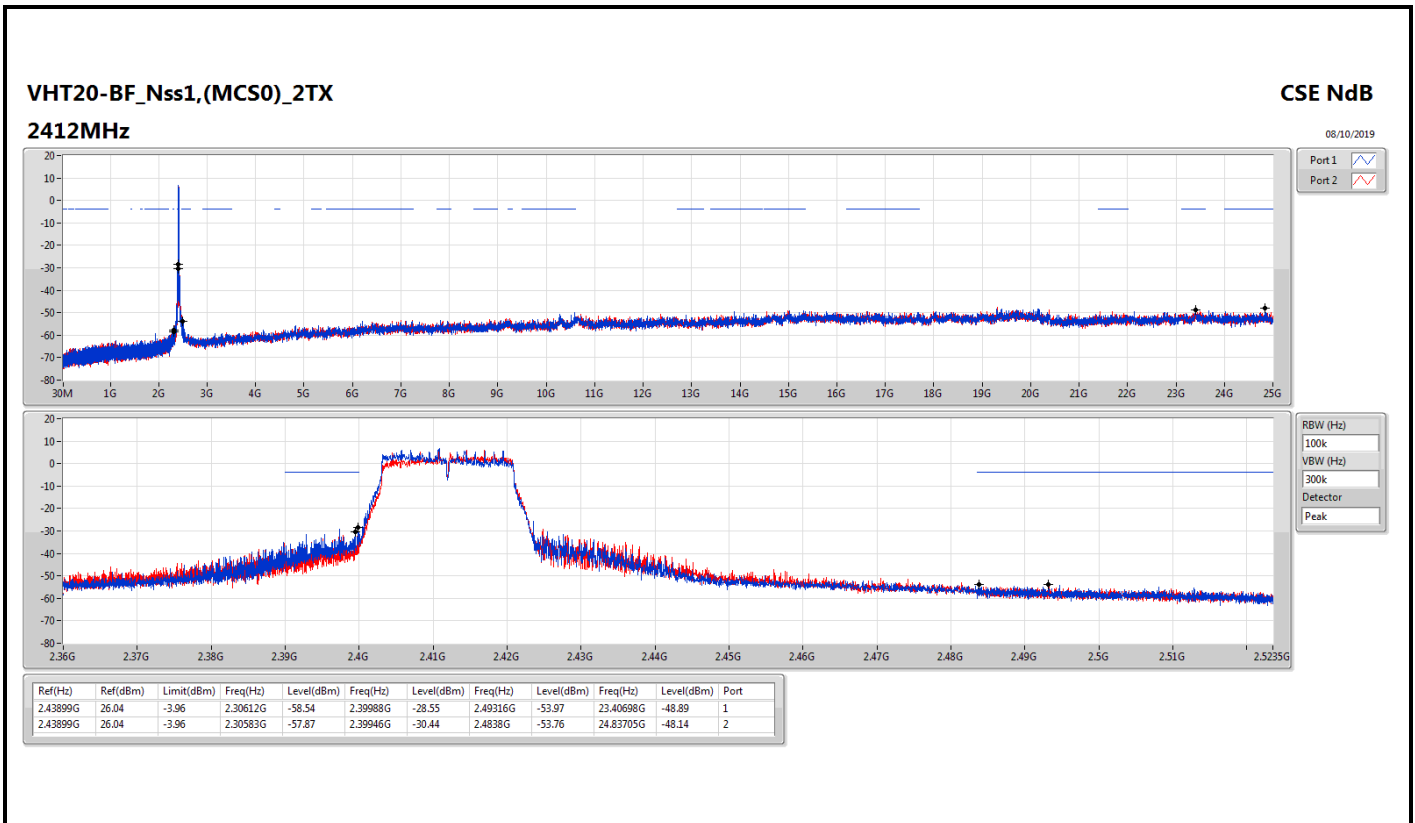


**CSE(Non-restricted Band) Beamforming Sample 1\_Radio 3 Appendix E.18**

**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)	Port
VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43899G	26.04	-3.96	2.30612G	-58.54	2.39988G	-28.55	2.49316G	-53.97	23.40698G	-48.89	1
2412MHz	Pass	2.43899G	26.04	-3.96	2.30583G	-57.87	2.39946G	-30.44	2.4838G	-53.76	24.83705G	-48.14	2
2437MHz	Pass	2.43899G	26.04	-3.96	2.30321G	-58.74	2.3995G	-40.21	2.48444G	-42.29	16.58536G	-49.02	1
2437MHz	Pass	2.43899G	26.04	-3.96	2.30175G	-58.08	2.39946G	-39.64	2.48732G	-45.09	14.77319G	-48.96	2
2462MHz	Pass	2.43899G	26.04	-3.96	1.96973G	-57.94	2.39942G	-54.08	2.48508G	-38.55	14.94739G	-48.46	1
2462MHz	Pass	2.43899G	26.04	-3.96	2.30146G	-59.00	2.39142G	-54.55	2.48474G	-44.17	15.2452G	-48.60	2
VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.42601G	7.22	-22.78	2.30855G	-56.41	2.39672G	-40.91	2.48798G	-50.64	16.33671G	-48.83	1
2422MHz	Pass	2.42601G	7.22	-22.78	2.30025G	-57.02	2.3998G	-39.34	2.48478G	-50.52	16.70971G	-47.84	2
2437MHz	Pass	2.42601G	7.22	-22.78	32.29M	-57.74	2.39952G	-40.30	2.48438G	-47.51	23.42945G	-47.73	1
2437MHz	Pass	2.42601G	7.22	-22.78	2.30941G	-58.71	2.39956G	-43.06	2.4845G	-46.36	15.29621G	-48.42	2
2452MHz	Pass	2.42601G	7.22	-22.78	1.63472G	-59.04	2.39984G	-51.12	2.48446G	-43.02	16.67325G	-48.71	1
2452MHz	Pass	2.42601G	7.22	-22.78	2.30397G	-58.94	2.399G	-49.02	2.48942G	-42.45	23.40701G	-48.53	2
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43745G	11.22	-18.78	2.3067G	-58.26	2.3993G	-28.68	2.48812G	-54.61	14.96143G	-49.07	1
2412MHz	Pass	2.43745G	11.22	-18.78	2.30874G	-58.13	2.39666G	-30.23	2.48718G	-54.14	16.61065G	-49.44	2
2437MHz	Pass	2.43745G	11.22	-18.78	2.30525G	-58.73	2.39814G	-39.08	2.48554G	-40.18	16.8607G	-48.59	1
2437MHz	Pass	2.43745G	11.22	-18.78	2.30641G	-59.09	2.39954G	-40.62	2.4843G	-40.90	16.69493G	-48.76	2
2462MHz	Pass	2.43745G	11.22	-18.78	1.96973G	-59.64	2.39276G	-54.41	2.48628G	-41.97	23.4435G	-49.07	1
2462MHz	Pass	2.43745G	11.22	-18.78	2.30175G	-60.57	2.3994G	-54.22	2.48566G	-41.80	23.42384G	-48.22	2
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.42897G	5.90	-24.10	2.30025G	-56.17	2.39948G	-32.64	2.48574G	-49.13	16.73215G	-48.74	1
2422MHz	Pass	2.42897G	5.90	-24.10	2.30912G	-56.77	2.39724G	-39.85	2.4907G	-49.30	23.44627G	-49.50	2
2437MHz	Pass	2.42897G	5.90	-24.10	2.30111G	-58.09	2.39956G	-39.53	2.4847G	-39.74	16.32268G	-49.41	1
2437MHz	Pass	2.42897G	5.90	-24.10	2.30397G	-57.20	2.39924G	-38.55	2.48822G	-42.38	24.83453G	-49.19	2
2452MHz	Pass	2.42897G	5.90	-24.10	2.30454G	-58.40	2.3958G	-49.50	2.48594G	-41.69	15.21208G	-48.24	1
2452MHz	Pass	2.42897G	5.90	-24.10	2.30655G	-58.17	2.39848G	-47.02	2.49074G	-42.73	24.82892G	-48.80	2





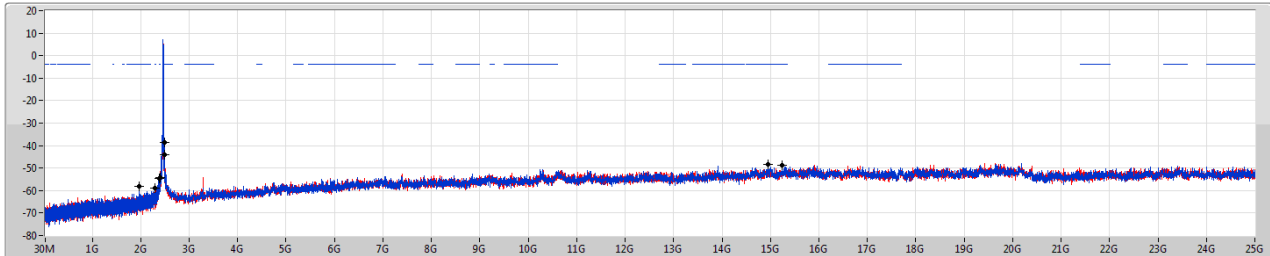


VHT20-BF\_Nss1,(MCS0)\_2TX

CSE NdB

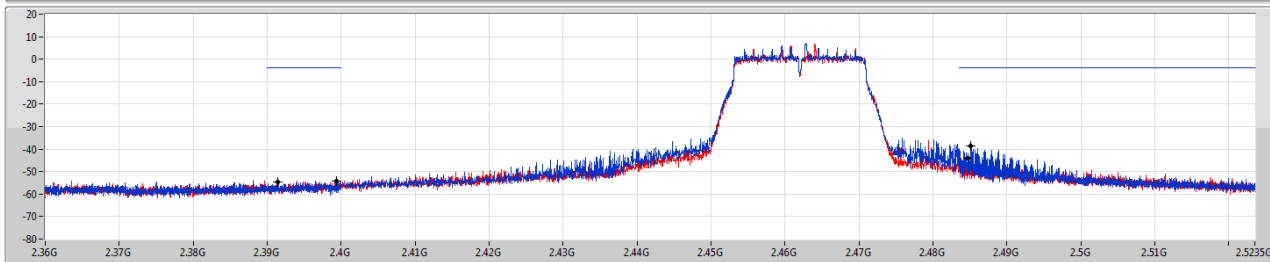
2462MHz

08/10/2019



Port 1

Port 2



RBW (Hz)

VBW (Hz)

Detector

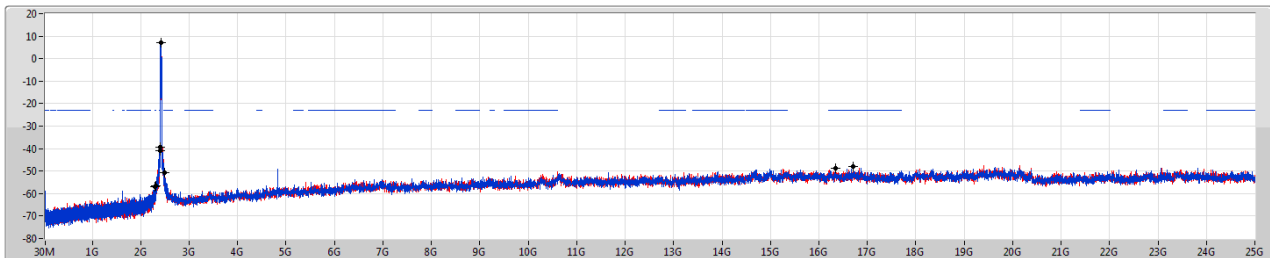
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43899G	26.04	-3.96	1.96973G	-57.94	2.39942G	-54.08	2.48508G	-38.55	14.94739G	-48.46	1
2.43899G	26.04	-3.96	2.30146G	-59.00	2.39142G	-54.55	2.48474G	-44.17	15.2452G	-48.60	2

VHT40-BF\_Nss1,(MCS0)\_2TX

CSE NdB

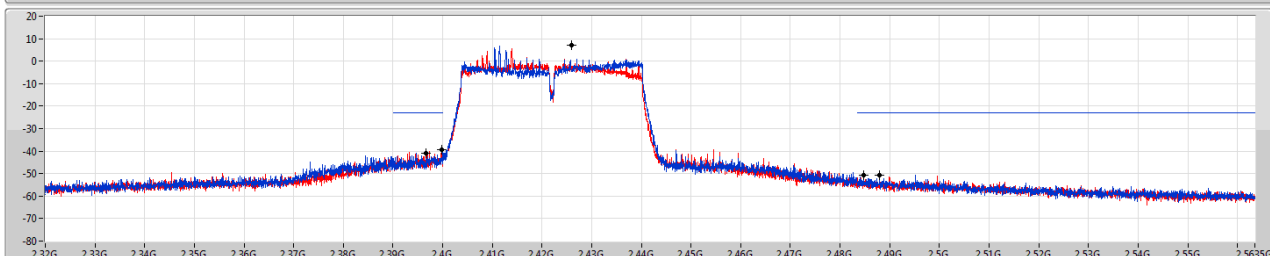
2422MHz

08/10/2019



Port 1

Port 2



RBW (Hz)

VBW (Hz)

Detector

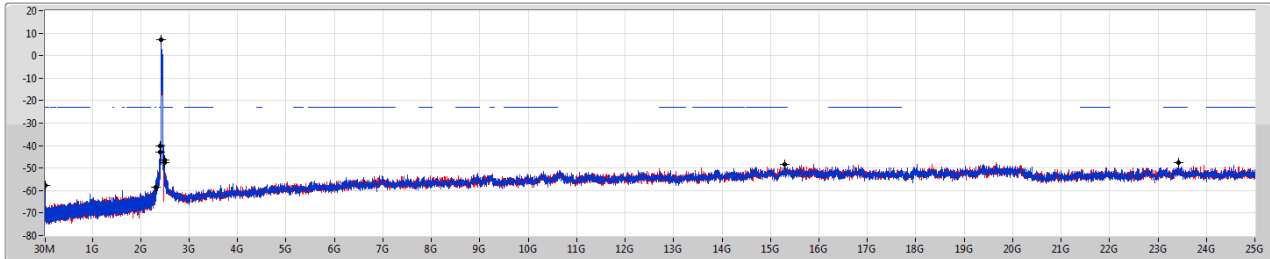
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2.42601G	7.22	-22.78	2.30855G	-56.41	2.39672G	-40.91	2.48798G	-50.64	16.33671G	-48.83	1
2.42601G	7.22	-22.78	2.30025G	-57.02	2.3998G	-39.34	2.48478G	-50.52	16.70971G	-47.84	2

VHT40-BF\_Nss1,(MCS0)\_2TX

CSE NdB

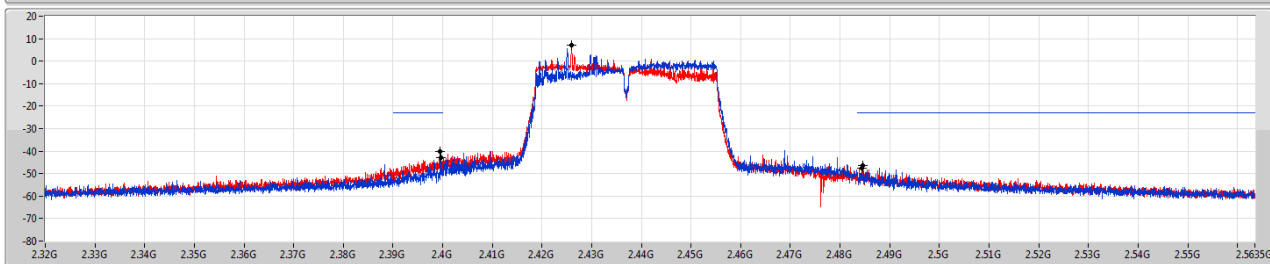
2437MHz

08/10/2019



Port 1 

Port 2 



RBW (Hz)

VBW (Hz)

Detector

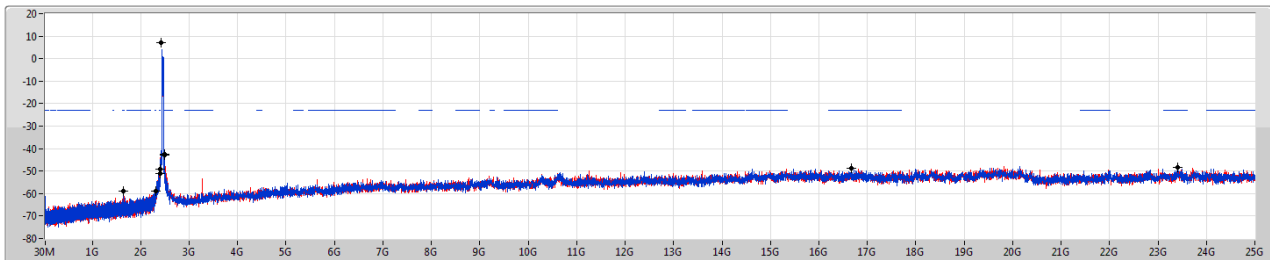
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2.42601G	7.22	-22.78	32.29M	-57.74	2.39952G	-40.30	2.48438G	-47.51	23.42945G	-47.73	1
2.42601G	7.22	-22.78	2.30941G	-58.71	2.39956G	-43.06	2.4845G	-46.36	15.29621G	-48.42	2

VHT40-BF\_Nss1,(MCS0)\_2TX

CSE NdB

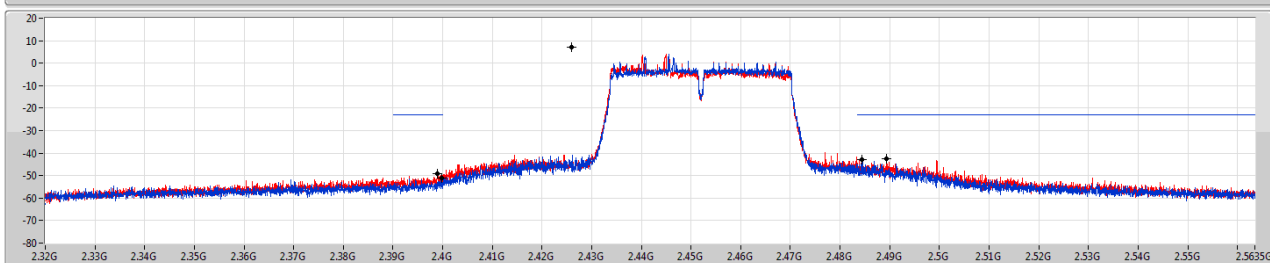
2452MHz

08/10/2019



Port 1 

Port 2 



RBW (Hz)

VBW (Hz)

Detector

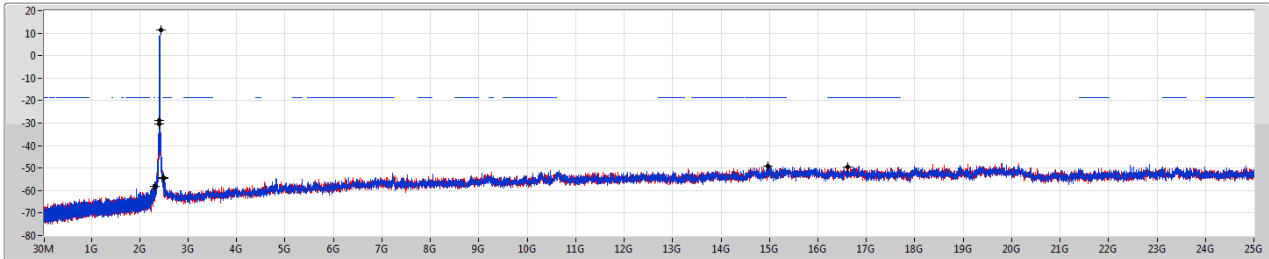
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.42601G	7.22	-22.78	1.63472G	-59.04	2.39984G	-51.12	2.48446G	-43.02	16.67325G	-48.71	1
2.42601G	7.22	-22.78	2.30397G	-58.94	2.399G	-49.02	2.48942G	-42.45	23.40701G	-48.53	2

802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

CSE NdB

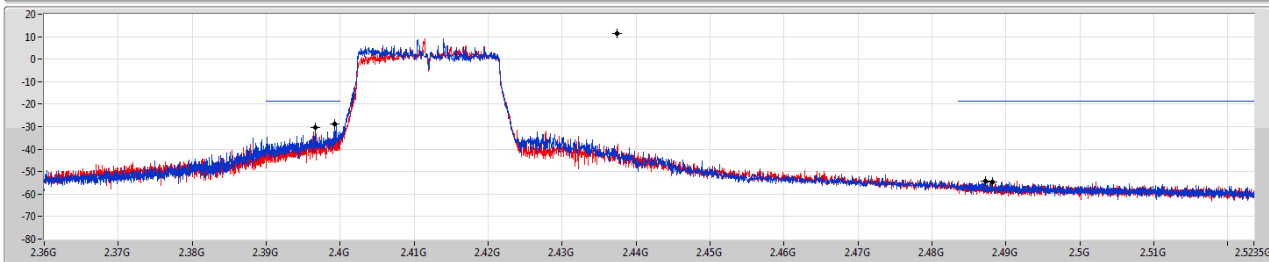
2412MHz

08/10/2019



Port 1

Port 2



RBW (Hz)

VBW (Hz)

Detector

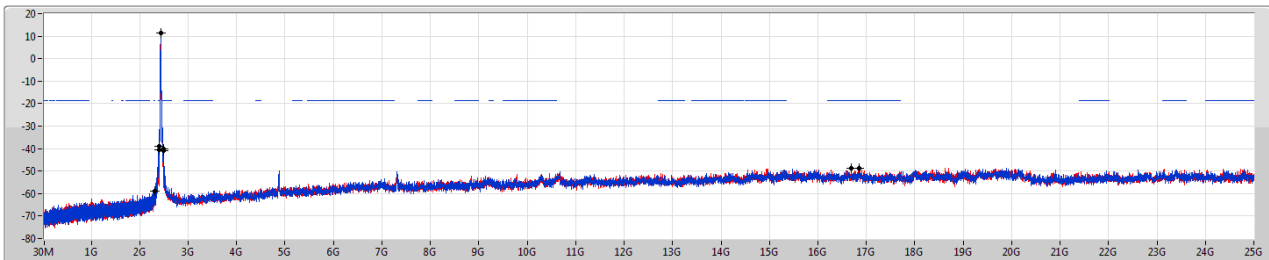
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2.43745G	11.22	-18.78	2.3067G	-58.26	2.3993G	-28.68	2.48812G	-54.61	14.96143G	-49.07	1
2.43745G	11.22	-18.78	2.30874G	-58.13	2.39666G	-30.23	2.48718G	-54.14	16.61065G	-49.44	2

802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

CSE NdB

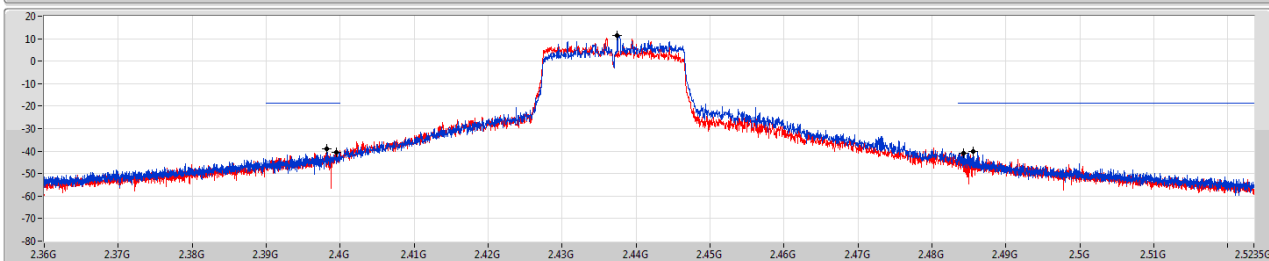
2437MHz

08/10/2019



Port 1

Port 2



RBW (Hz)

VBW (Hz)

Detector

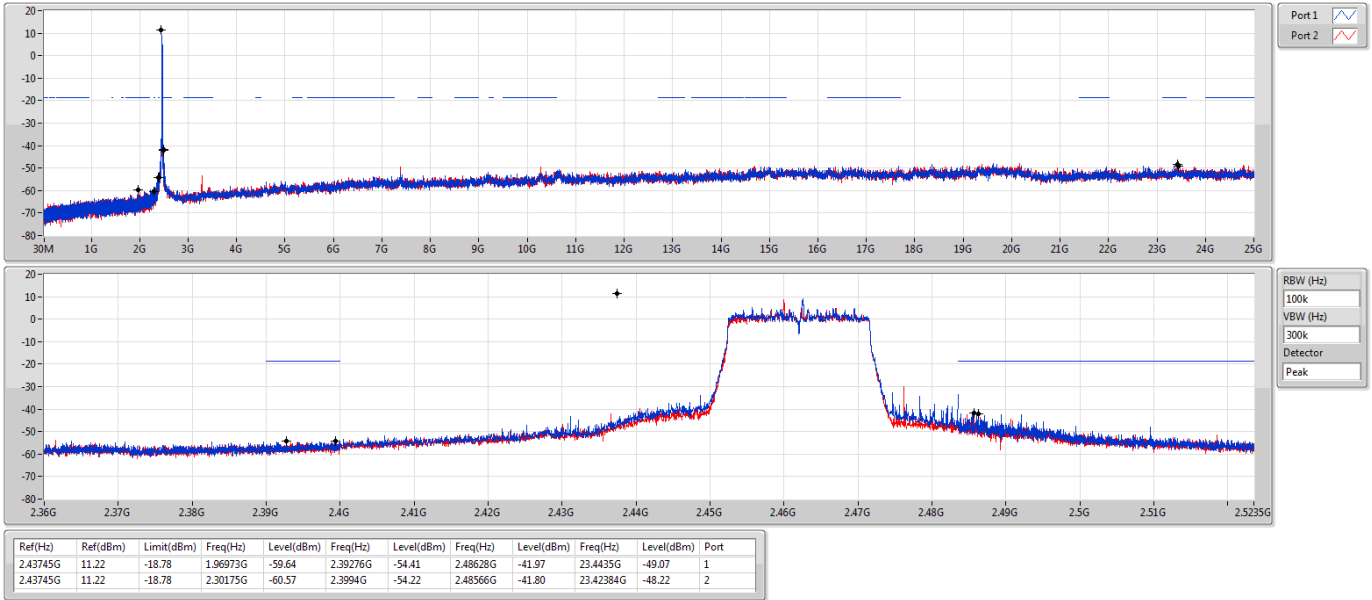
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43745G	11.22	-18.78	2.30525G	-58.73	2.39814G	-39.08	2.48554G	-40.18	16.8607G	-48.59	1
2.43745G	11.22	-18.78	2.30641G	-59.09	2.39954G	-40.62	2.4843G	-40.90	16.69493G	-48.76	2



802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

CSE NdB

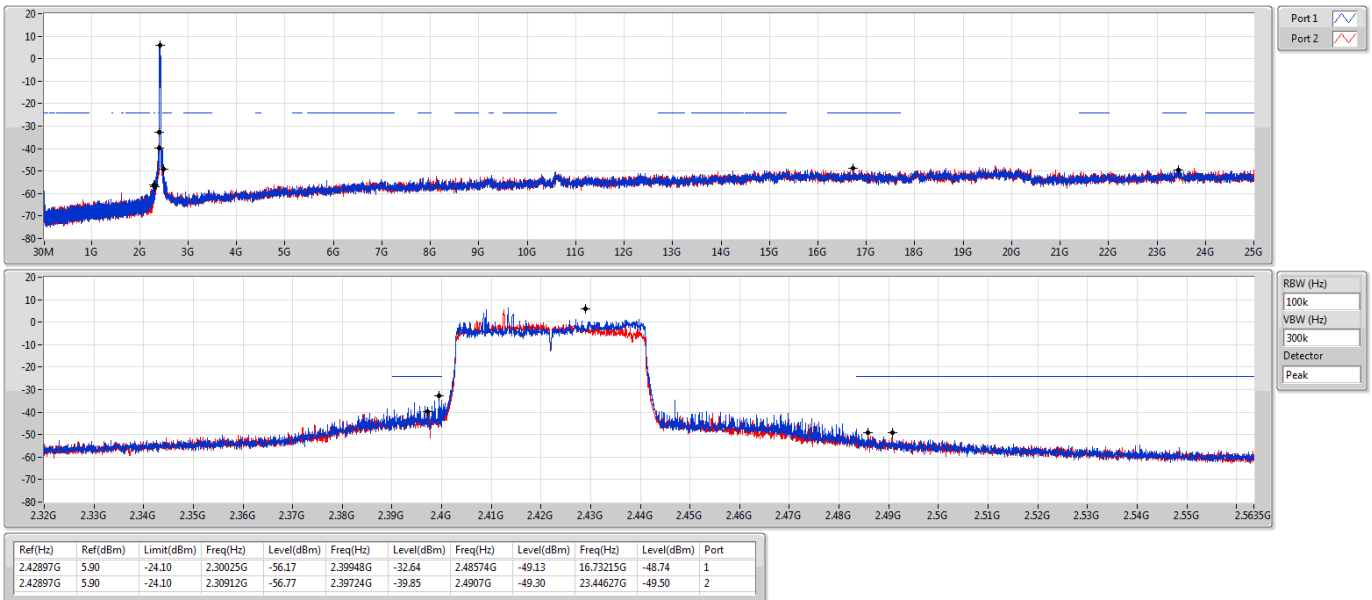
2462MHz



802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

CSE NdB

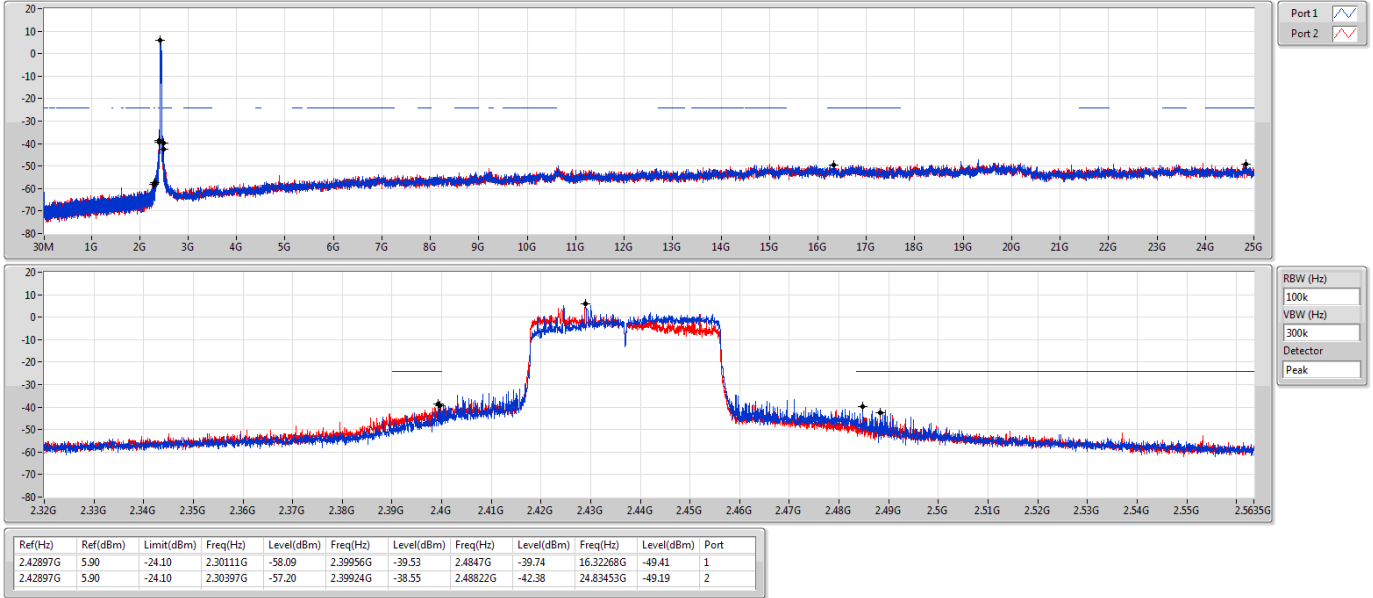
2422MHz



802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

CSE NdB

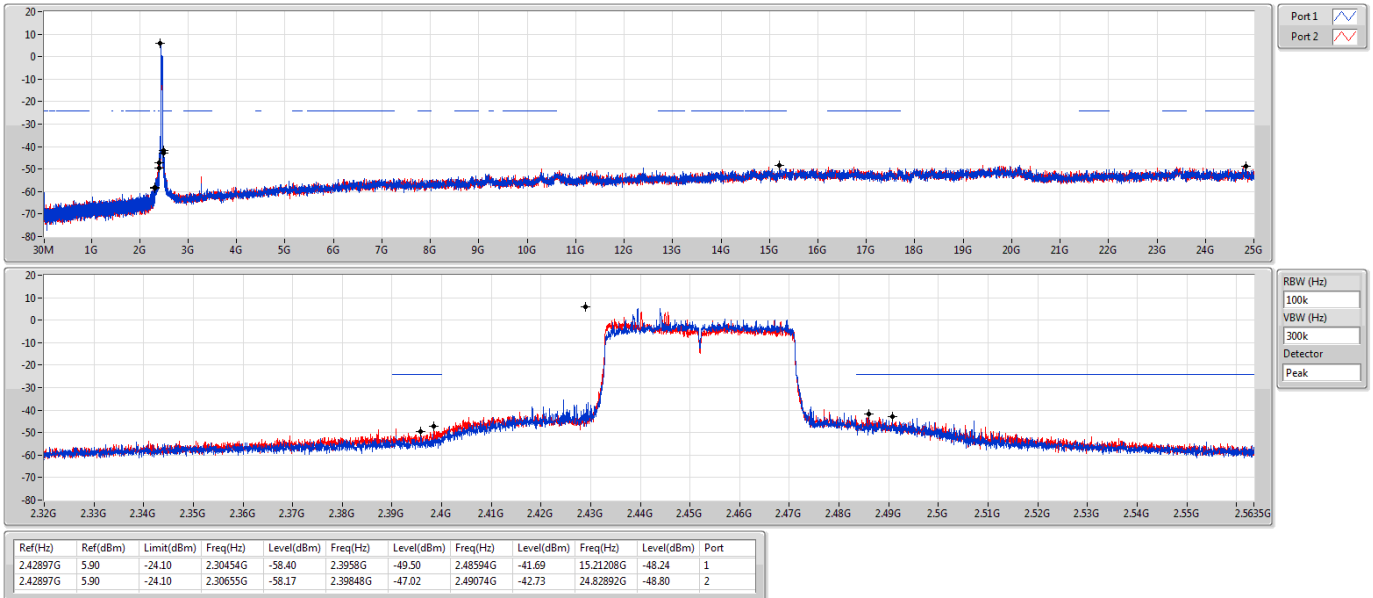
2437MHz



802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

CSE NdB

2452MHz





**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)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
VHT20-BF_Nss1,(MCS0)_2TX	Pass	2.43599G	13.07	-16.93	2.30175G	-56.77	2.39792G	-35.05	2.49404G	-52.44	15.30701G	-49.06	1
VHT40-BF_Nss1,(MCS0)_2TX	Pass	2.42948G	7.92	-22.08	2.30712G	-55.30	2.39452G	-41.09	2.4839G	-51.39	16.90603G	-49.63	1
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	Pass	2.43753G	15.40	-14.60	2.30874G	-56.11	2.39984G	-32.21	2.51786G	-51.57	24.46056G	-49.24	2
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	Pass	2.42847G	8.49	-21.51	2.30741G	-55.70	2.398G	-36.95	2.48474G	-42.26	24.76442G	-49.29	1



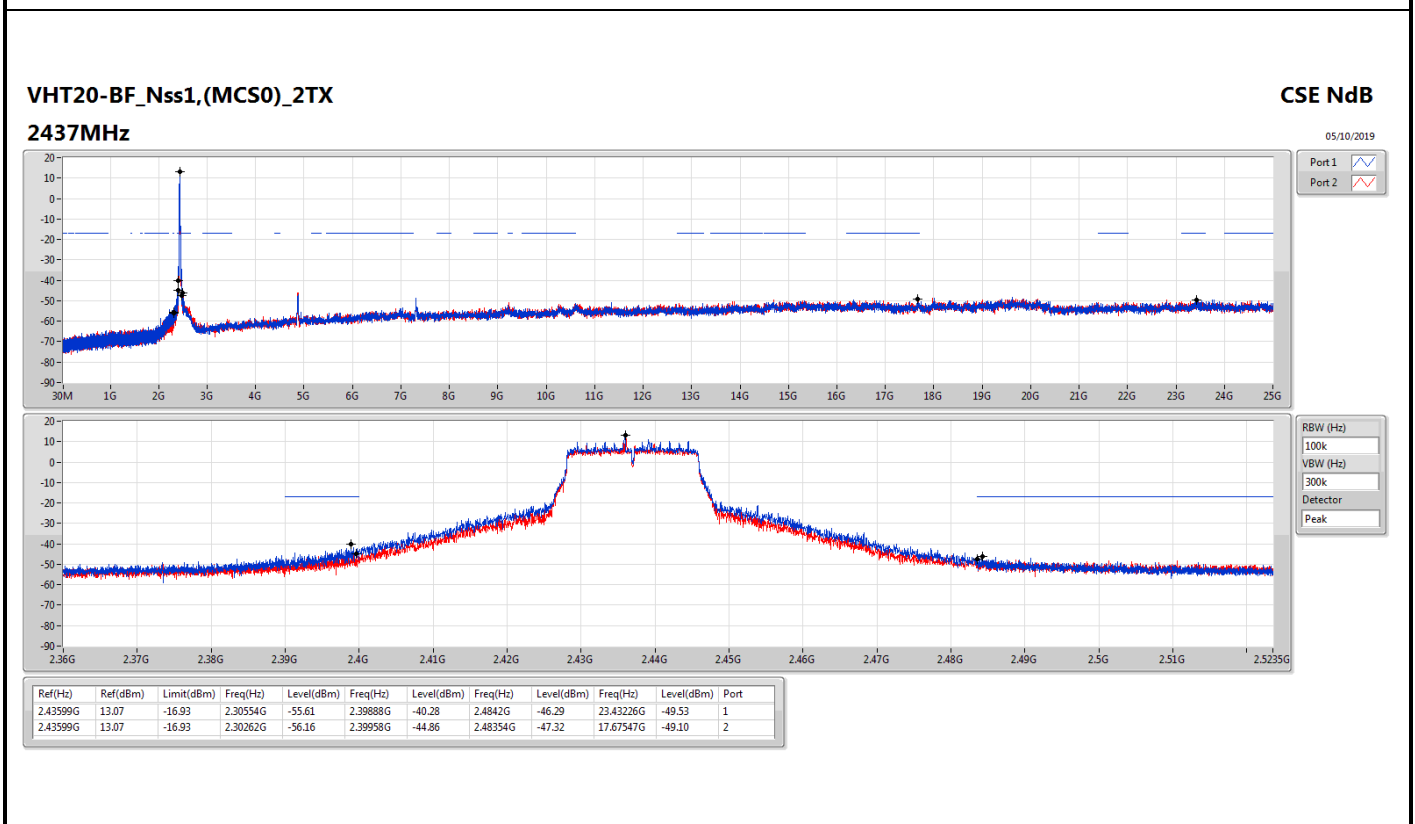
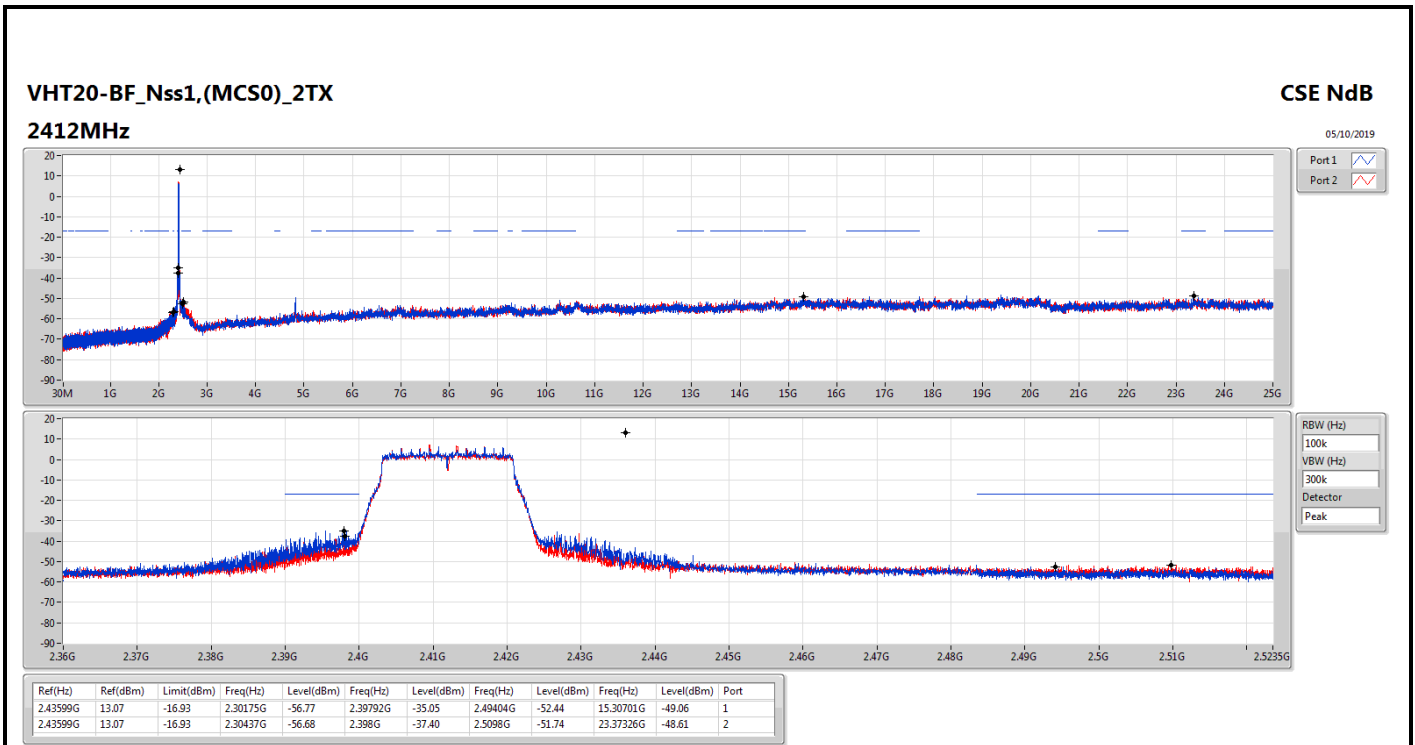
**CSE(Non-restricted Band)  
Beamforming Sample 2 Radio 1\_Omni**

**Appendix E.19**

**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)	Port
VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43599G	13.07	-16.93	2.30175G	-56.77	2.39792G	-35.05	2.49404G	-52.44	15.30701G	-49.06	1
2412MHz	Pass	2.43599G	13.07	-16.93	2.30437G	-56.68	2.398G	-37.40	2.5098G	-51.74	23.37326G	-48.61	2
2437MHz	Pass	2.43599G	13.07	-16.93	2.30554G	-55.61	2.39888G	-40.28	2.4842G	-46.29	23.43226G	-49.53	1
2437MHz	Pass	2.43599G	13.07	-16.93	2.30262G	-56.16	2.39958G	-44.86	2.48354G	-47.32	17.67547G	-49.10	2
2462MHz	Pass	2.43599G	13.07	-16.93	2.3G	-58.47	2.39964G	-53.36	2.48458G	-45.44	15.29577G	-49.72	1
2462MHz	Pass	2.43599G	13.07	-16.93	2.30612G	-59.17	2.39984G	-53.30	2.48908G	-44.11	16.85508G	-48.80	2
VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.42948G	7.92	-22.08	2.30712G	-55.30	2.39452G	-41.09	2.4839G	-51.39	16.90603G	-49.63	1
2422MHz	Pass	2.42948G	7.92	-22.08	2.30168G	-56.76	2.3998G	-44.53	2.50886G	-50.98	15.30743G	-49.34	2
2437MHz	Pass	2.42948G	7.92	-22.08	2.3097G	-56.05	2.39548G	-43.24	2.48446G	-46.98	14.96528G	-49.65	1
2437MHz	Pass	2.42948G	7.92	-22.08	2.30655G	-57.33	2.399G	-45.99	2.48642G	-49.36	24.79527G	-49.08	2
2452MHz	Pass	2.42948G	7.92	-22.08	2.30111G	-57.52	2.39328G	-52.70	2.48882G	-49.26	23.38457G	-48.75	1
2452MHz	Pass	2.42948G	7.92	-22.08	2.30225G	-57.50	2.39904G	-53.76	2.5051G	-50.65	23.39299G	-48.73	2
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43753G	15.40	-14.60	2.30758G	-56.45	2.39946G	-32.67	2.48558G	-52.57	16.83541G	-48.56	1
2412MHz	Pass	2.43753G	15.40	-14.60	2.30874G	-56.11	2.39984G	-32.21	2.51786G	-51.57	24.46056G	-49.24	2
2437MHz	Pass	2.43753G	15.40	-14.60	2.30379G	-55.51	2.3958G	-39.08	2.48422G	-45.15	24.09532G	-49.69	1
2437MHz	Pass	2.43753G	15.40	-14.60	2.30787G	-54.61	2.39672G	-41.84	2.48414G	-46.39	24.56452G	-48.82	2
2462MHz	Pass	2.43753G	15.40	-14.60	2.30175G	-56.59	2.39126G	-52.91	2.4838G	-39.65	24.71904G	-49.37	1
2462MHz	Pass	2.43753G	15.40	-14.60	2.05186G	-59.77	2.3948G	-52.86	2.48356G	-43.53	24.75557G	-49.16	2
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.42847G	8.49	-21.51	2.30769G	-56.07	2.39452G	-39.55	2.48366G	-51.11	23.44627G	-49.13	1
2422MHz	Pass	2.42847G	8.49	-21.51	2.30197G	-56.14	2.39804G	-44.16	2.51866G	-51.46	23.34811G	-48.46	2
2437MHz	Pass	2.42847G	8.49	-21.51	2.30741G	-55.70	2.398G	-36.95	2.48474G	-42.26	24.76442G	-49.29	1
2437MHz	Pass	2.42847G	8.49	-21.51	2.30569G	-57.45	2.39808G	-41.74	2.48874G	-46.29	16.84994G	-48.91	2
2452MHz	Pass	2.42847G	8.49	-21.51	2.30197G	-57.48	2.39828G	-49.45	2.4957G	-48.38	23.19667G	-48.58	1
2452MHz	Pass	2.42847G	8.49	-21.51	2.30569G	-59.09	2.39936G	-53.83	2.48802G	-50.67	23.4603G	-49.56	2



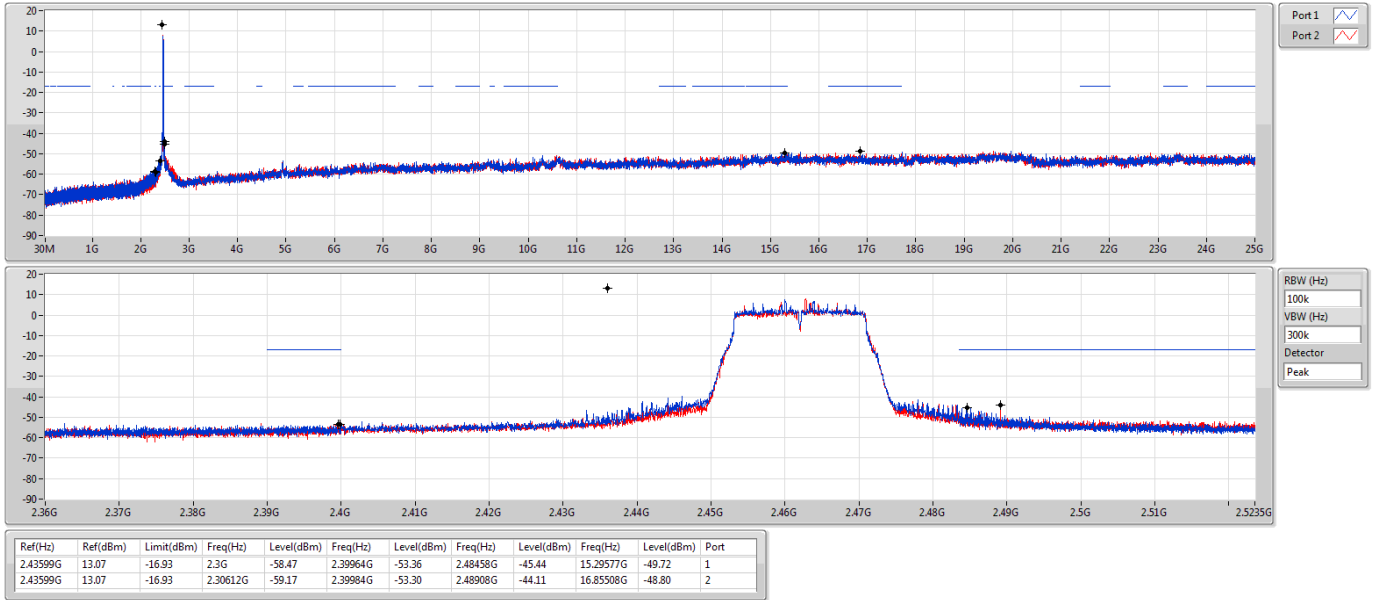




VHT20-BF\_Nss1,(MCS0)\_2TX

CSE NdB

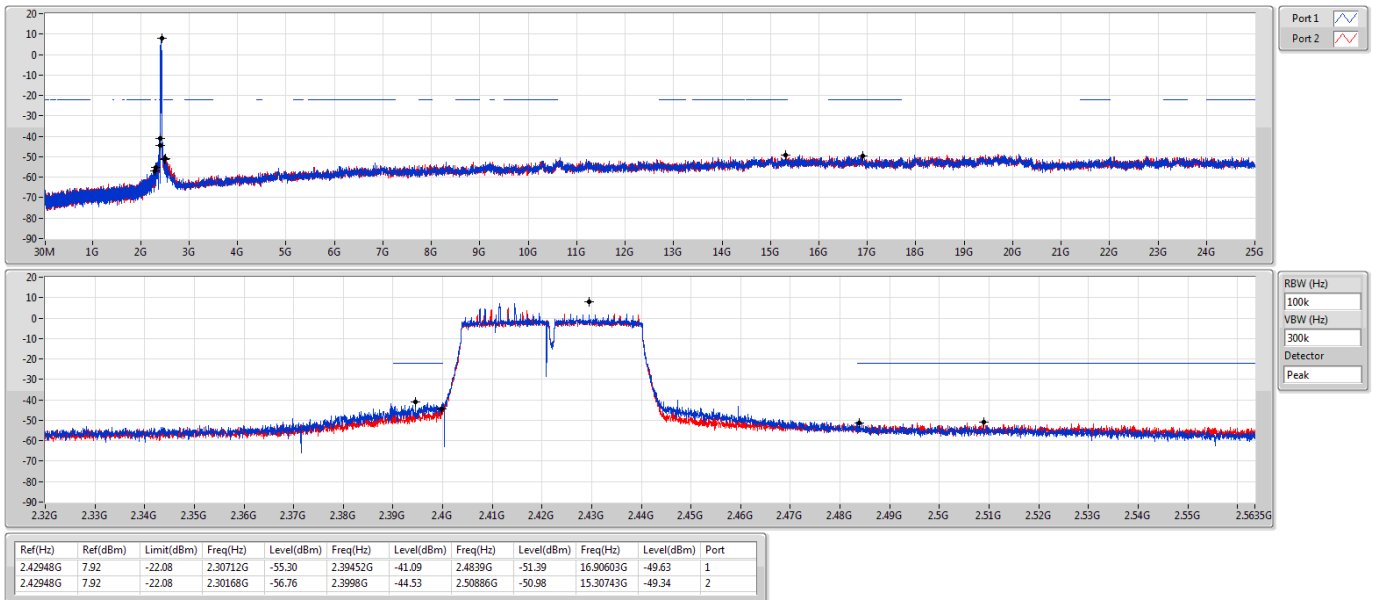
2462MHz

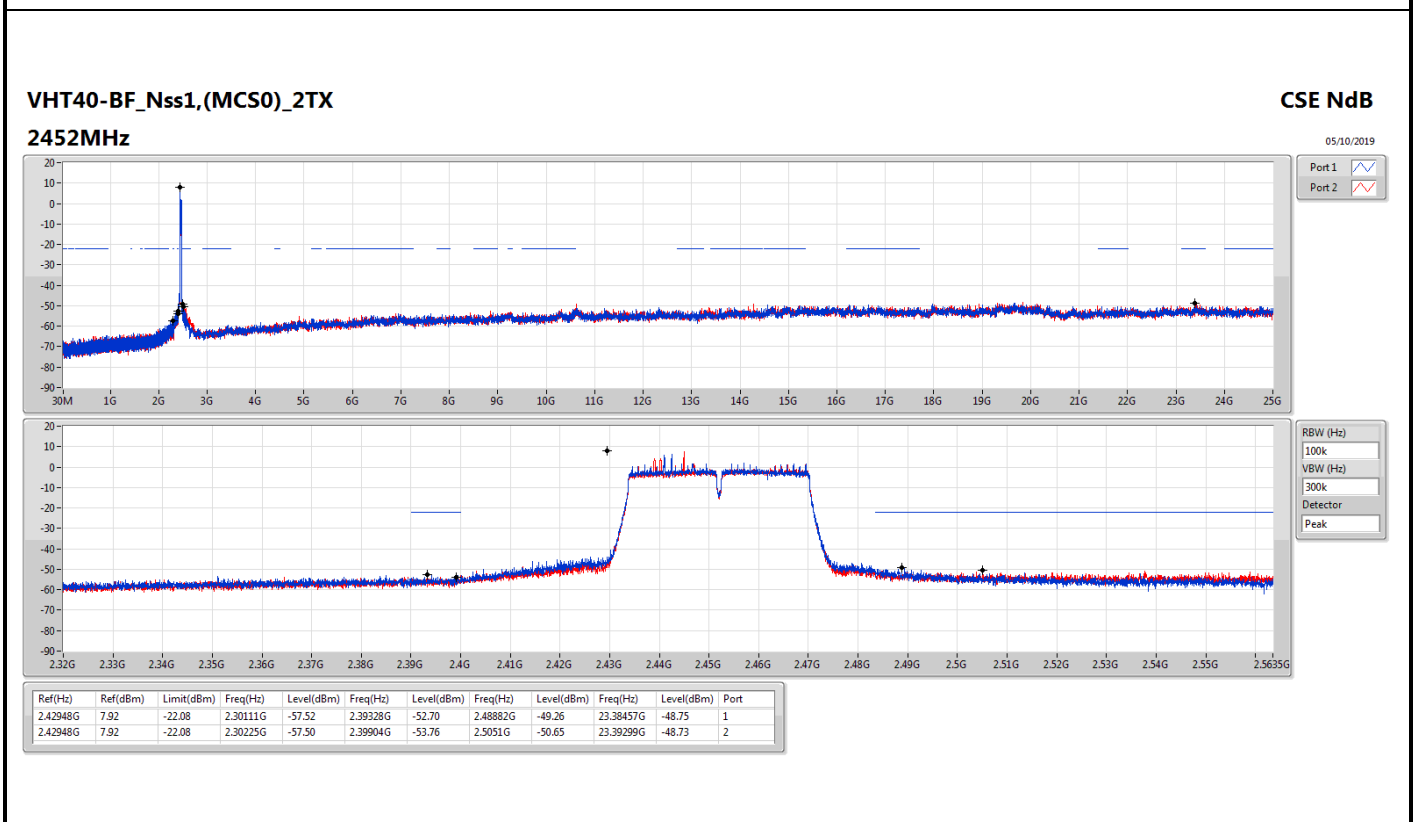
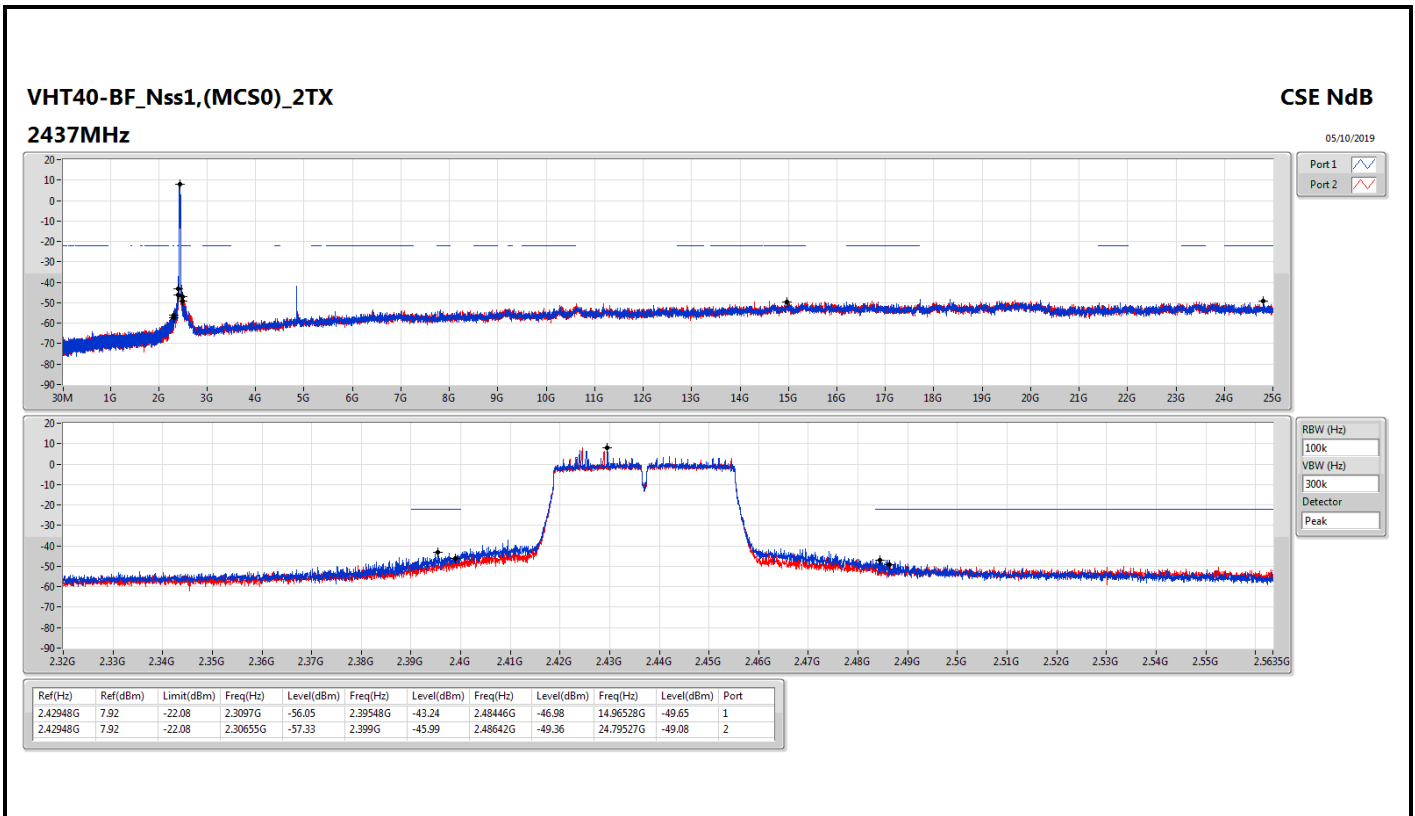


VHT40-BF\_Nss1,(MCS0)\_2TX

CSE NdB

2422MHz



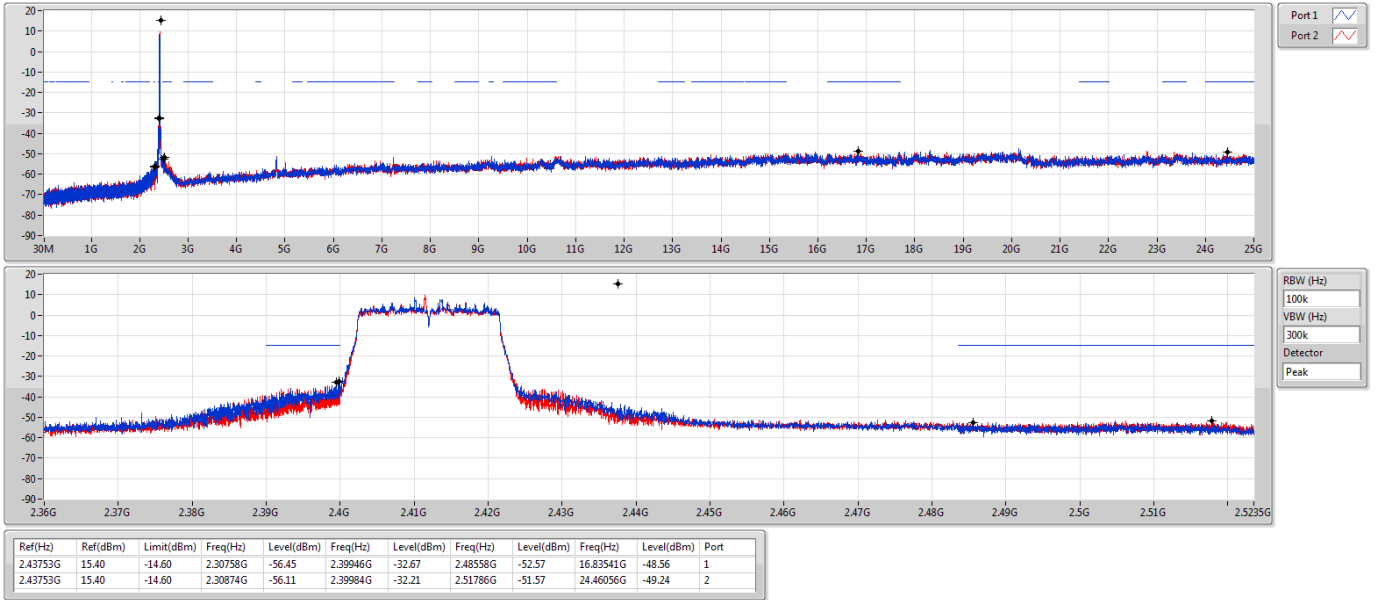




802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

CSE NdB

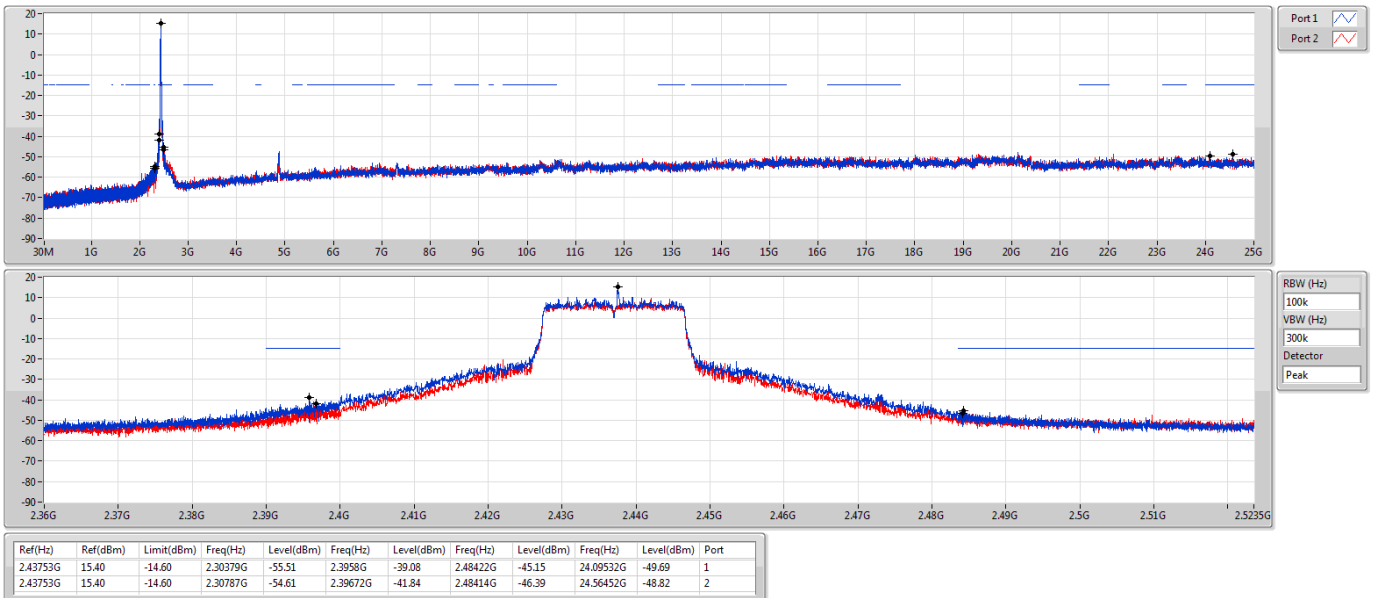
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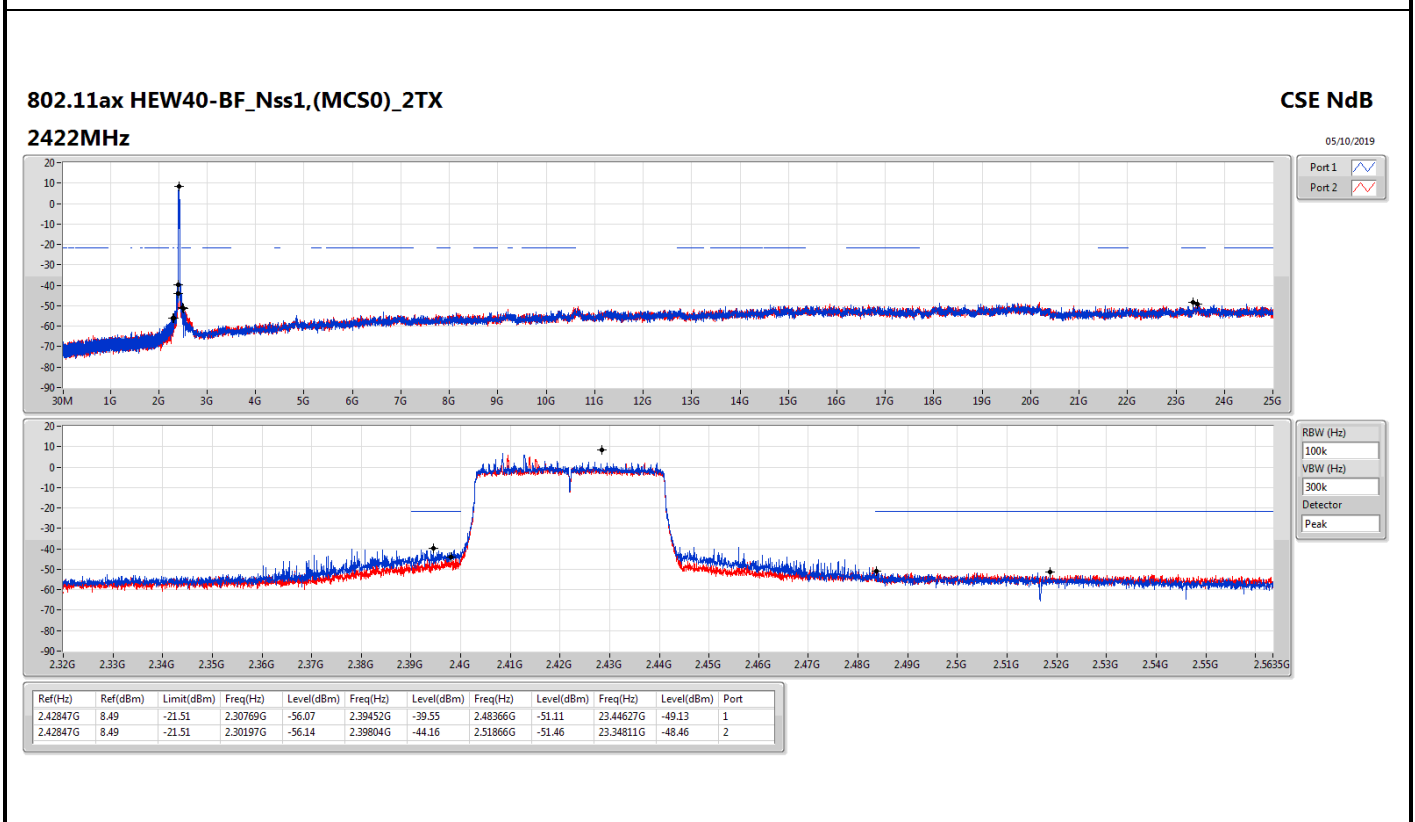
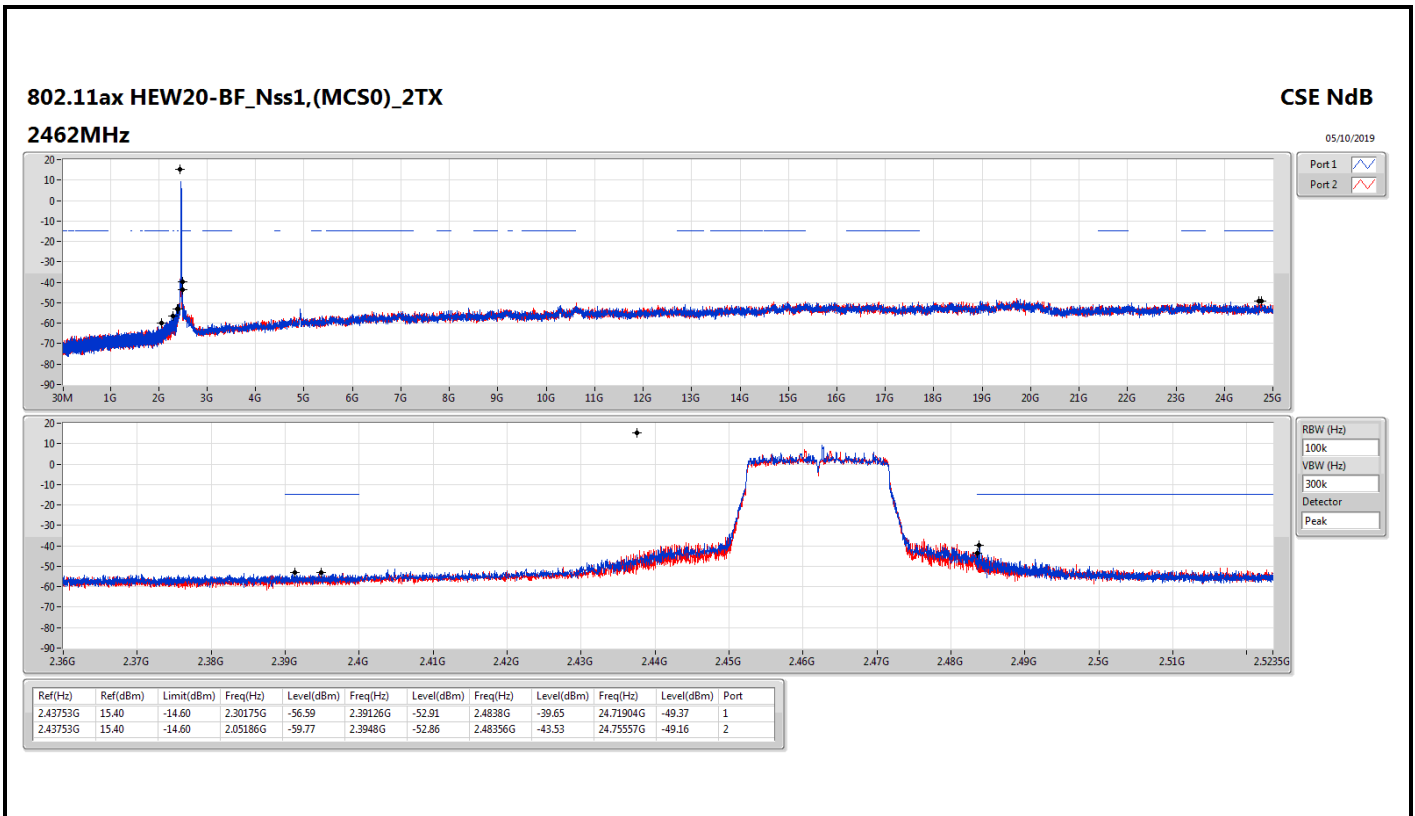


802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

CSE NdB

2437MHz





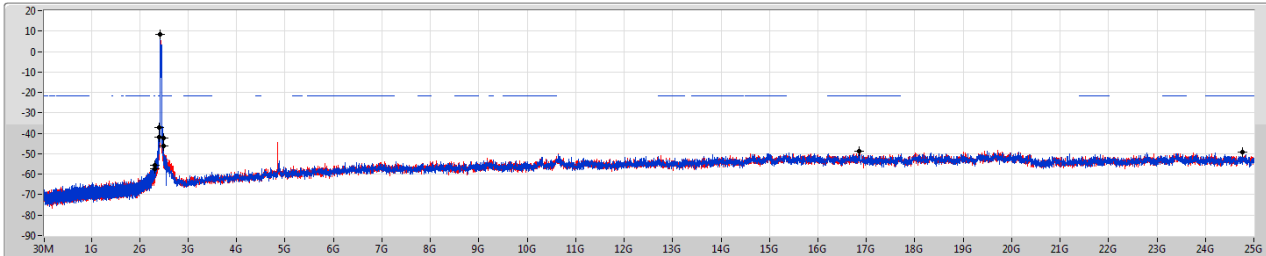


802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

CSE NdB

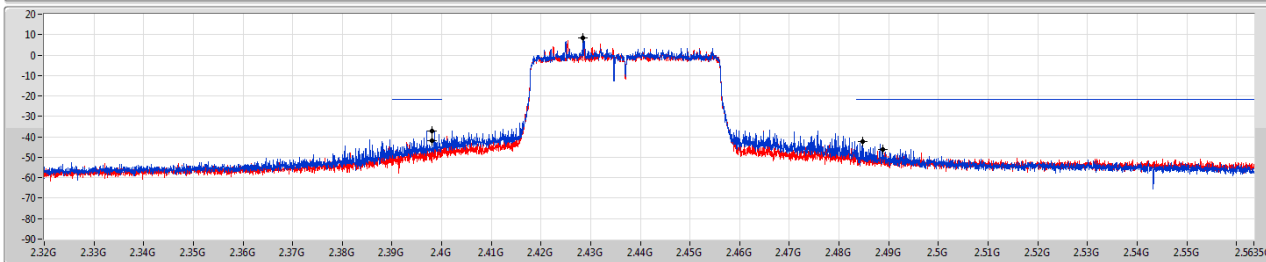
2437MHz

05/10/2019



Port 1

Port 2



RBW (Hz)

VBW (Hz)

Detector

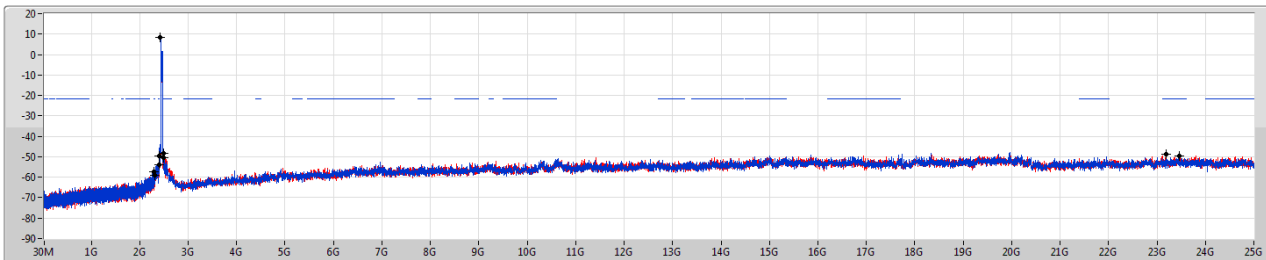
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.42847G	8.49	-21.51	2.30741G	-55.70	2.398G	-36.95	2.48474G	-42.26	24.76442G	-49.29	1
2.42847G	8.49	-21.51	2.30569G	-57.45	2.39808G	-41.74	2.48874G	-46.29	16.84994G	-48.91	2

802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

CSE NdB

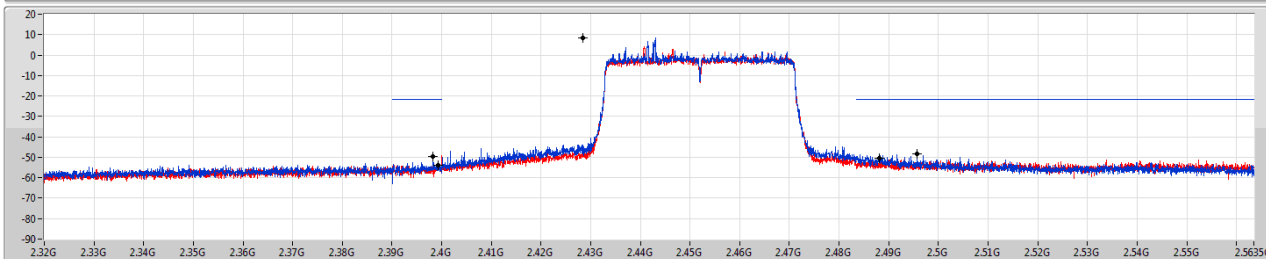
2452MHz

05/10/2019



Port 1

Port 2



RBW (Hz)

VBW (Hz)

Detector

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.42847G	8.49	-21.51	2.30197G	-57.48	2.39828G	-49.45	2.4957G	-48.38	23.19667G	-48.58	1
2.42847G	8.49	-21.51	2.30569G	-59.09	2.39936G	-53.83	2.48802G	-50.67	23.4603G	-49.56	2



**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)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
VHT20-BF_Nss1,(MCS0)_2TX	Pass	2.43816G	5.95	-24.05	2.30641G	-58.40	2.39988G	-39.18	2.48818G	-53.81	14.61024G	-49.85	1
VHT40-BF_Nss1,(MCS0)_2TX	Pass	2.42948G	8.61	-21.39	2.30025G	-56.14	2.39952G	-41.13	2.48358G	-48.30	16.53022G	-48.95	1
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	Pass	2.43653G	9.44	-20.56	2.30641G	-57.49	2.39878G	-38.67	2.51432G	-52.95	23.43226G	-49.17	2
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	Pass	2.42747G	8.95	-21.05	2.30712G	-56.36	2.39924G	-41.30	2.48822G	-43.43	24.88782G	-48.79	1



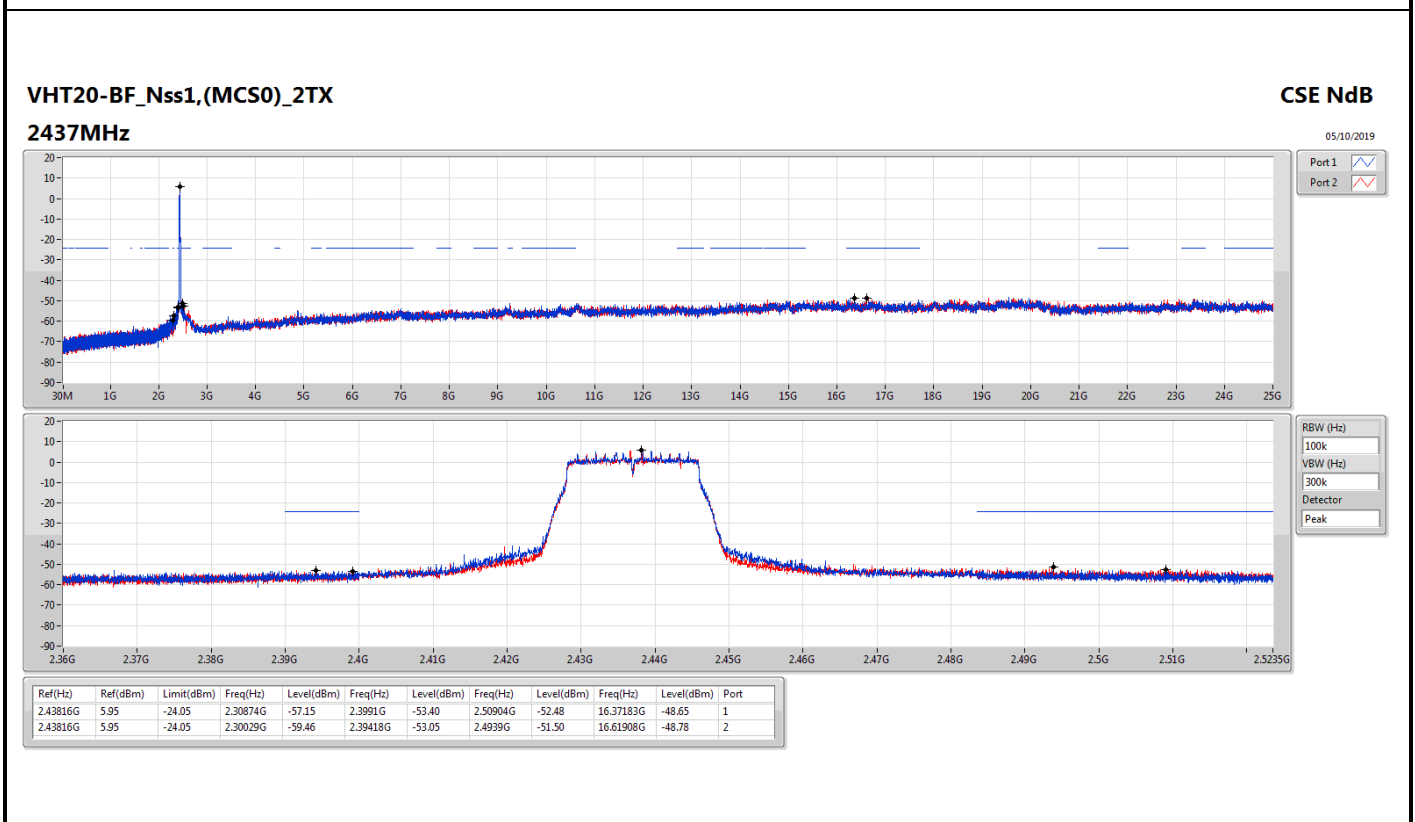
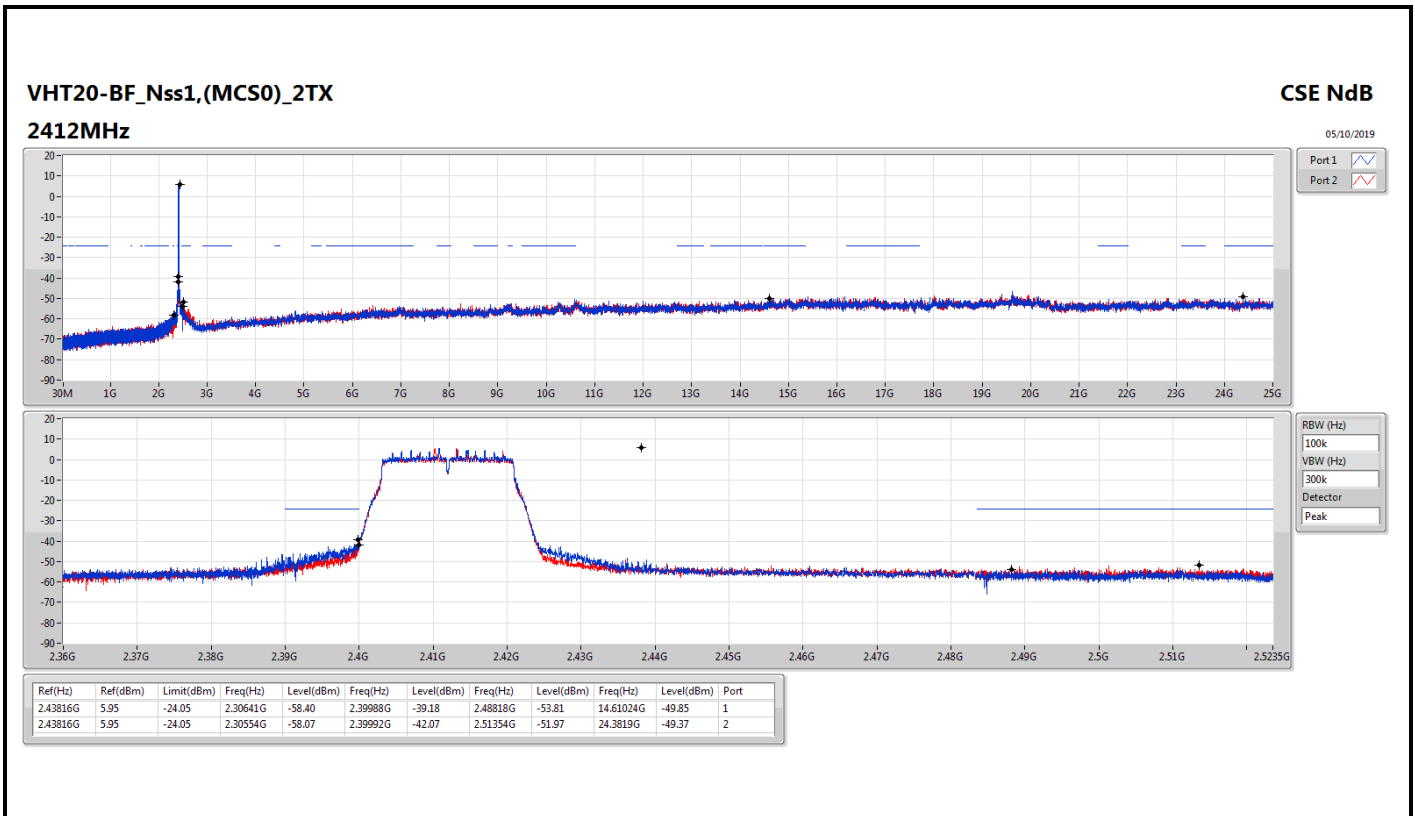
**CSE(Non-restricted Band)  
Beamforming Sample 2 Radio 1\_Panel 1**

**Appendix E.20**

**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)	Port
VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43816G	5.95	-24.05	2.30641G	-58.40	2.39988G	-39.18	2.48818G	-53.81	14.61024G	-49.85	1
2412MHz	Pass	2.43816G	5.95	-24.05	2.30554G	-58.07	2.39992G	-42.07	2.51354G	-51.97	24.3819G	-49.37	2
2437MHz	Pass	2.43816G	5.95	-24.05	2.30874G	-57.15	2.3991G	-53.40	2.50904G	-52.48	16.37183G	-48.65	1
2437MHz	Pass	2.43816G	5.95	-24.05	2.30029G	-59.46	2.39418G	-53.05	2.4939G	-51.50	16.61908G	-48.78	2
2462MHz	Pass	2.43816G	5.95	-24.05	2.30117G	-57.89	2.39304G	-54.65	2.48386G	-50.18	23.4716G	-49.22	1
2462MHz	Pass	2.43816G	5.95	-24.05	2.30029G	-58.35	2.39444G	-54.13	2.4842G	-49.59	17.13042G	-48.16	2
VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.42948G	8.61	-21.39	2.30397G	-57.12	2.3976G	-42.91	2.48454G	-50.61	21.98229G	-49.19	1
2422MHz	Pass	2.42948G	8.61	-21.39	2.30798G	-58.19	2.39988G	-45.47	2.49354G	-51.57	15.18684G	-49.24	2
2437MHz	Pass	2.42948G	8.61	-21.39	2.30025G	-56.14	2.39952G	-41.13	2.48358G	-48.30	16.53022G	-48.95	1
2437MHz	Pass	2.42948G	8.61	-21.39	2.30454G	-57.53	2.39776G	-48.06	2.52294G	-50.87	15.21769G	-49.18	2
2452MHz	Pass	2.42948G	8.61	-21.39	2.30912G	-57.55	2.39708G	-51.34	2.48426G	-48.93	16.79665G	-49.52	1
2452MHz	Pass	2.42948G	8.61	-21.39	2.30111G	-56.87	2.3996G	-52.77	2.5023G	-50.84	14.65958G	-49.27	2
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43653G	9.44	-20.56	2.30728G	-57.27	2.39998G	-41.09	2.48632G	-52.58	23.41822G	-49.44	1
2412MHz	Pass	2.43653G	9.44	-20.56	2.30641G	-57.49	2.39878G	-38.67	2.51432G	-52.95	23.43226G	-49.17	2
2437MHz	Pass	2.43653G	9.44	-20.56	2.3067G	-57.44	2.39796G	-52.70	2.49096G	-51.90	24.10937G	-49.80	1
2437MHz	Pass	2.43653G	9.44	-20.56	2.30466G	-58.10	2.39344G	-52.89	2.4917G	-51.96	17.67547G	-48.78	2
2462MHz	Pass	2.43653G	9.44	-20.56	2.19894G	-58.12	2.39834G	-53.39	2.48788G	-49.92	23.40417G	-49.40	1
2462MHz	Pass	2.43653G	9.44	-20.56	2.30029G	-58.66	2.39206G	-54.06	2.48358G	-49.79	16.70617G	-48.56	2
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.42747G	8.95	-21.05	2.30082G	-57.97	2.39452G	-43.15	2.50342G	-52.67	23.45188G	-48.64	1
2422MHz	Pass	2.42747G	8.95	-21.05	2.30855G	-57.24	2.39268G	-45.79	2.49766G	-51.88	15.00734G	-49.47	2
2437MHz	Pass	2.42747G	8.95	-21.05	2.30712G	-56.36	2.39924G	-41.30	2.48822G	-43.43	24.88782G	-48.79	1
2437MHz	Pass	2.42747G	8.95	-21.05	2.30454G	-58.28	2.39932G	-47.37	2.48646G	-49.13	15.03258G	-49.51	2
2452MHz	Pass	2.42747G	8.95	-21.05	2.30483G	-56.93	2.39952G	-49.30	2.48602G	-42.33	23.37335G	-48.63	1
2452MHz	Pass	2.42747G	8.95	-21.05	2.30225G	-58.65	2.3924G	-52.64	2.48726G	-49.44	24.16144G	-49.93	2





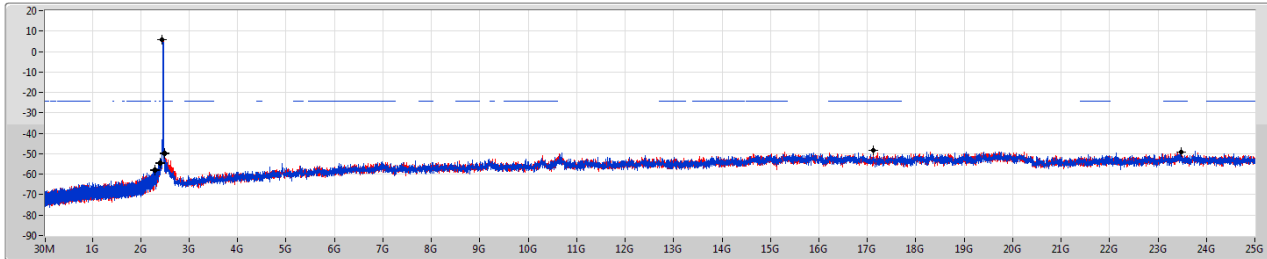


VHT20-BF\_Nss1,(MCS0)\_2TX

CSE NdB

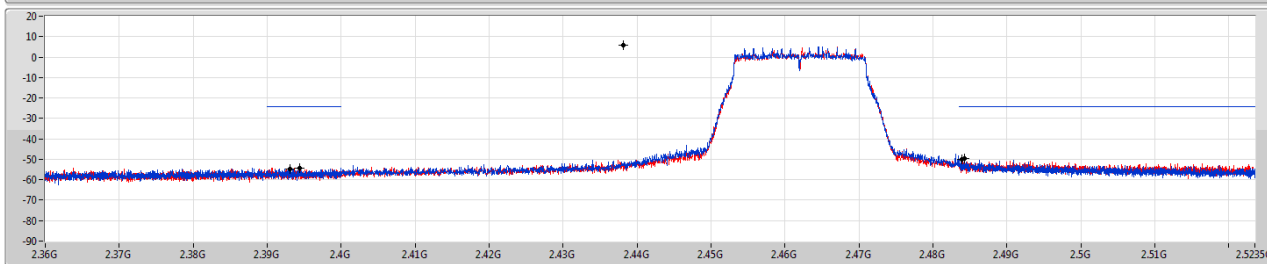
2462MHz

05/10/2019



Port 1

Port 2



RBW (Hz)

VBW (Hz)

Detector

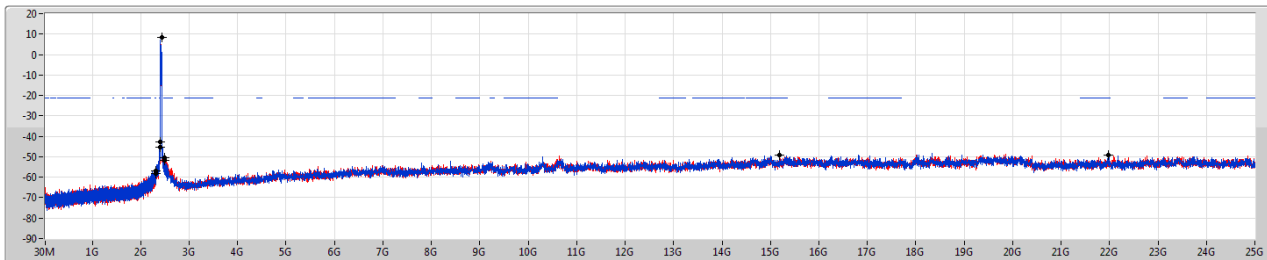
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43816G	5.95	-24.05	2.30117G	-57.89	2.39304G	-54.65	2.48386G	-50.18	2.4716G	-49.22	1
2.43816G	5.95	-24.05	2.30029G	-58.35	2.39444G	-54.13	2.4842G	-49.59	17.13042G	-48.16	2

VHT40-BF\_Nss1,(MCS0)\_2TX

CSE NdB

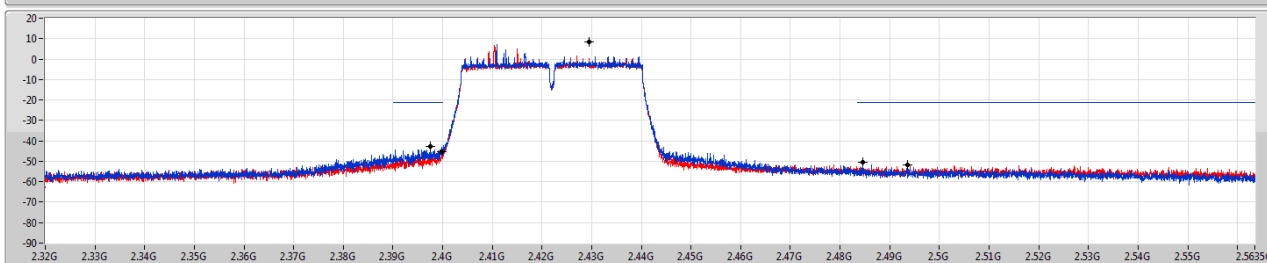
2422MHz

05/10/2019



Port 1

Port 2

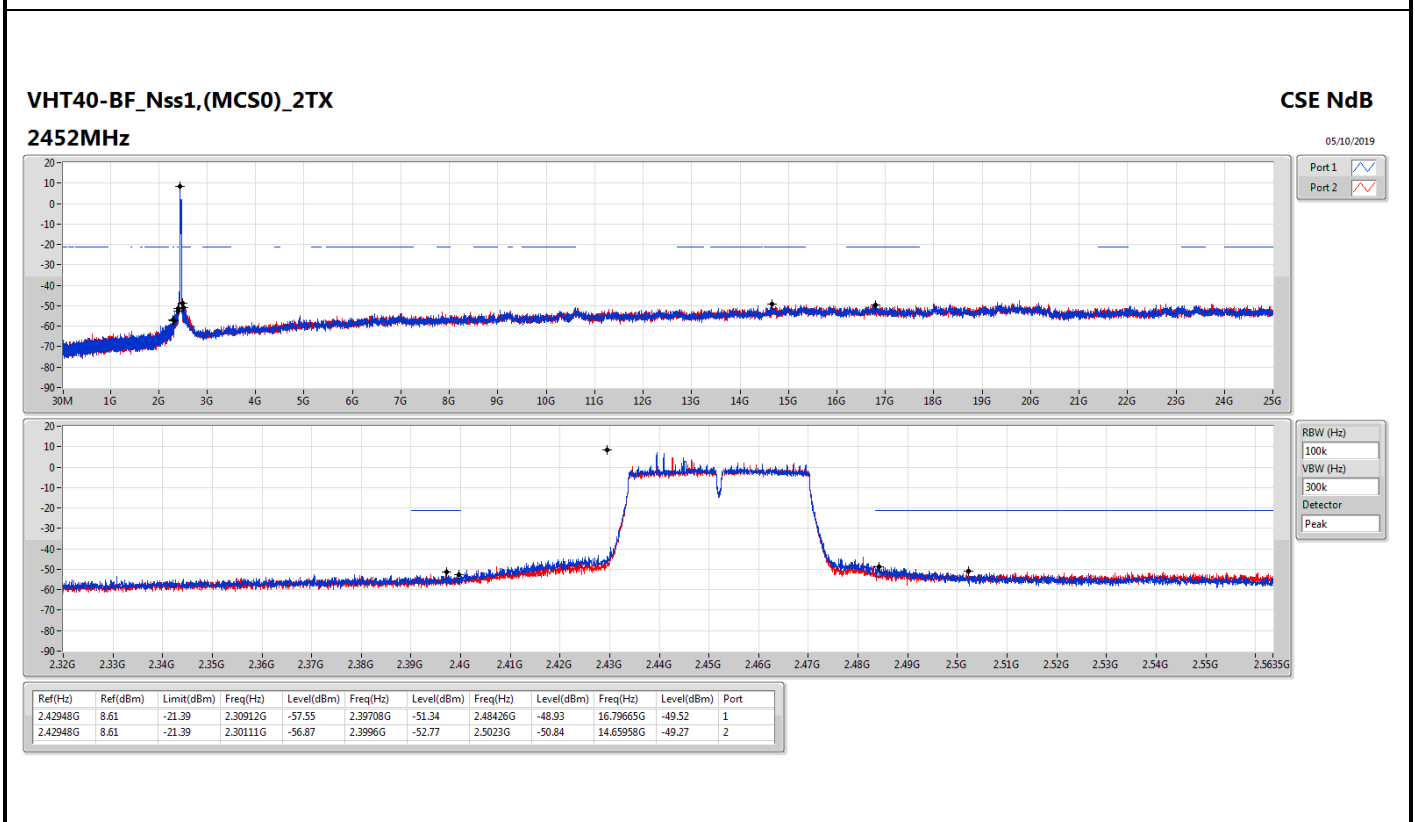
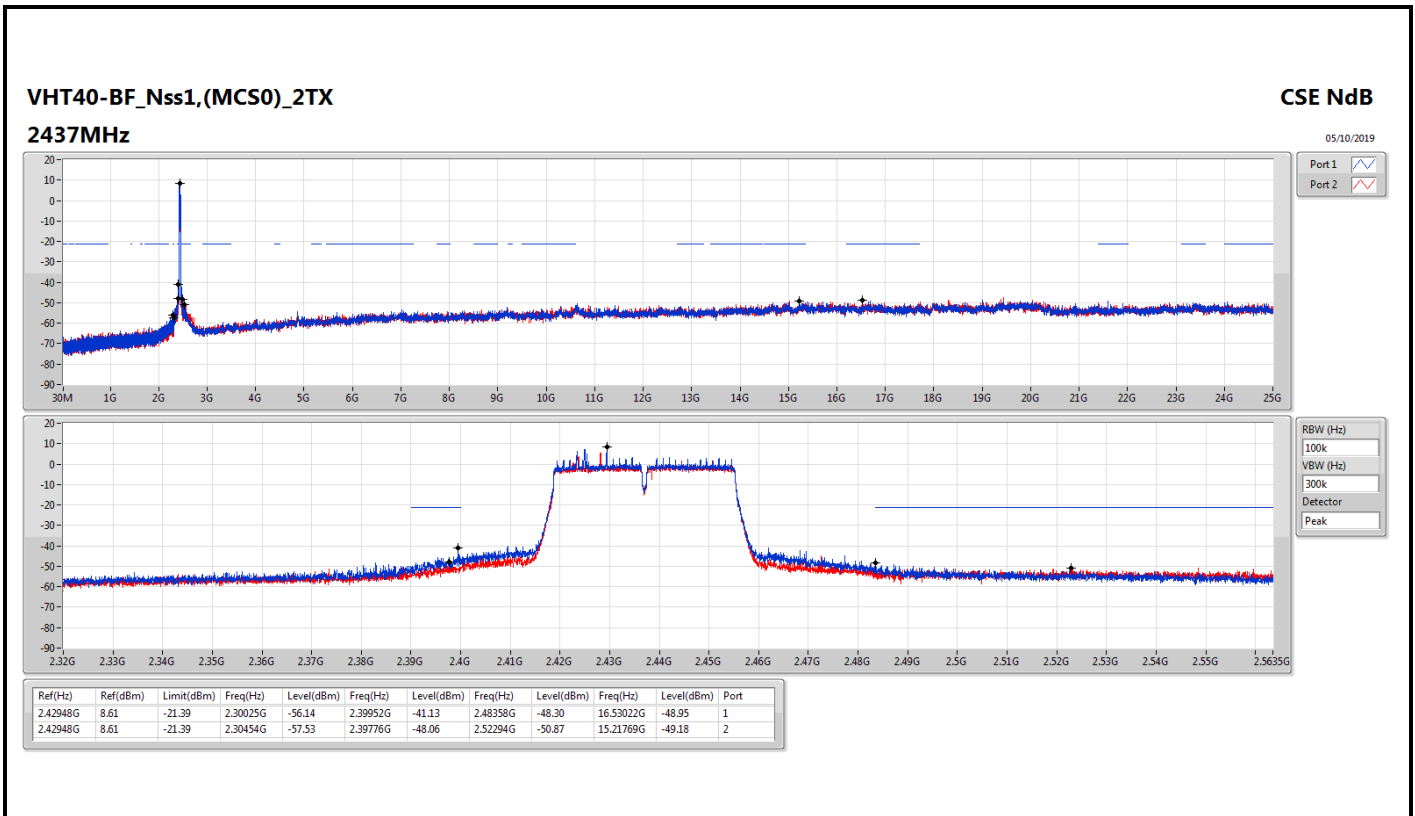


RBW (Hz)

VBW (Hz)

Detector

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.42948G	8.61	-21.39	2.30397G	-57.12	2.3076G	-42.91	2.48454G	-50.61	21.98229G	-49.19	1
2.42948G	8.61	-21.39	2.30798G	-58.19	2.39988G	-45.47	2.49354G	-51.57	15.18684G	-49.24	2

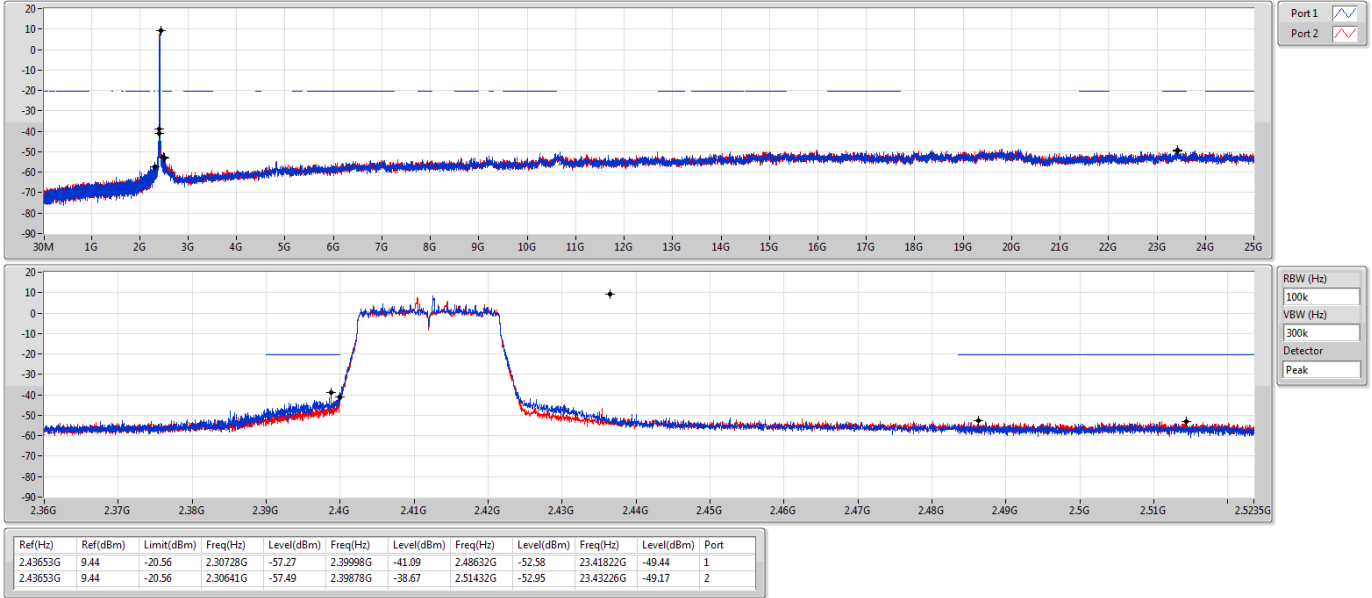




802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

CSE NdB

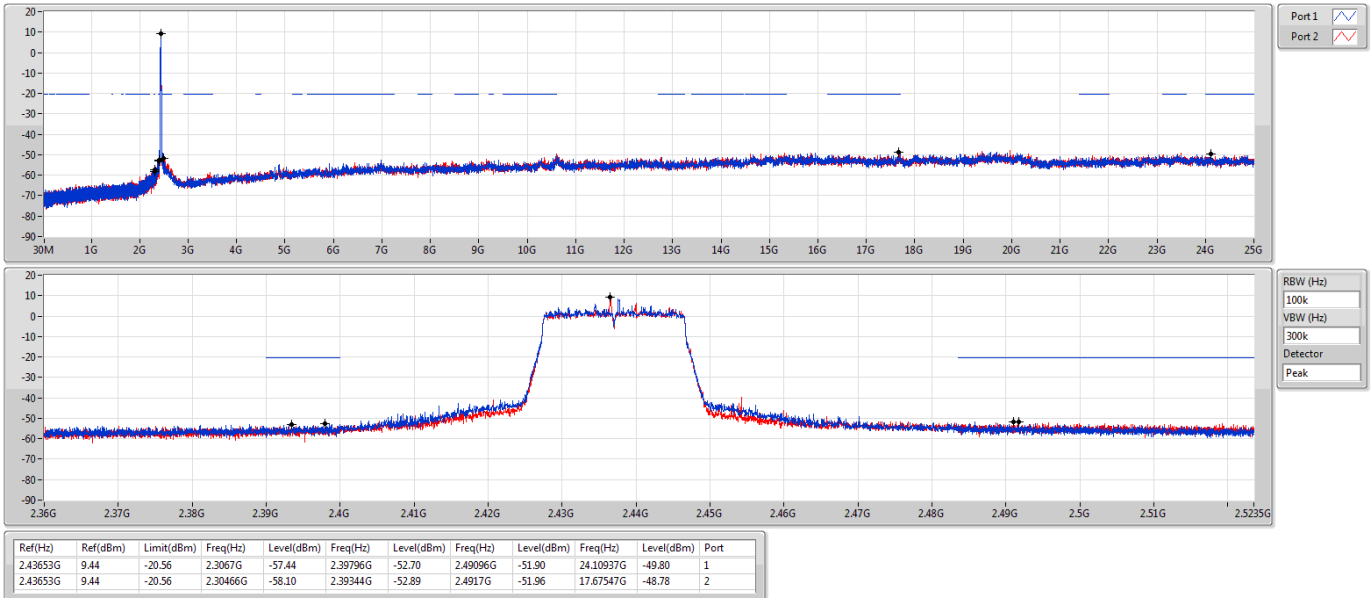
2412MHz

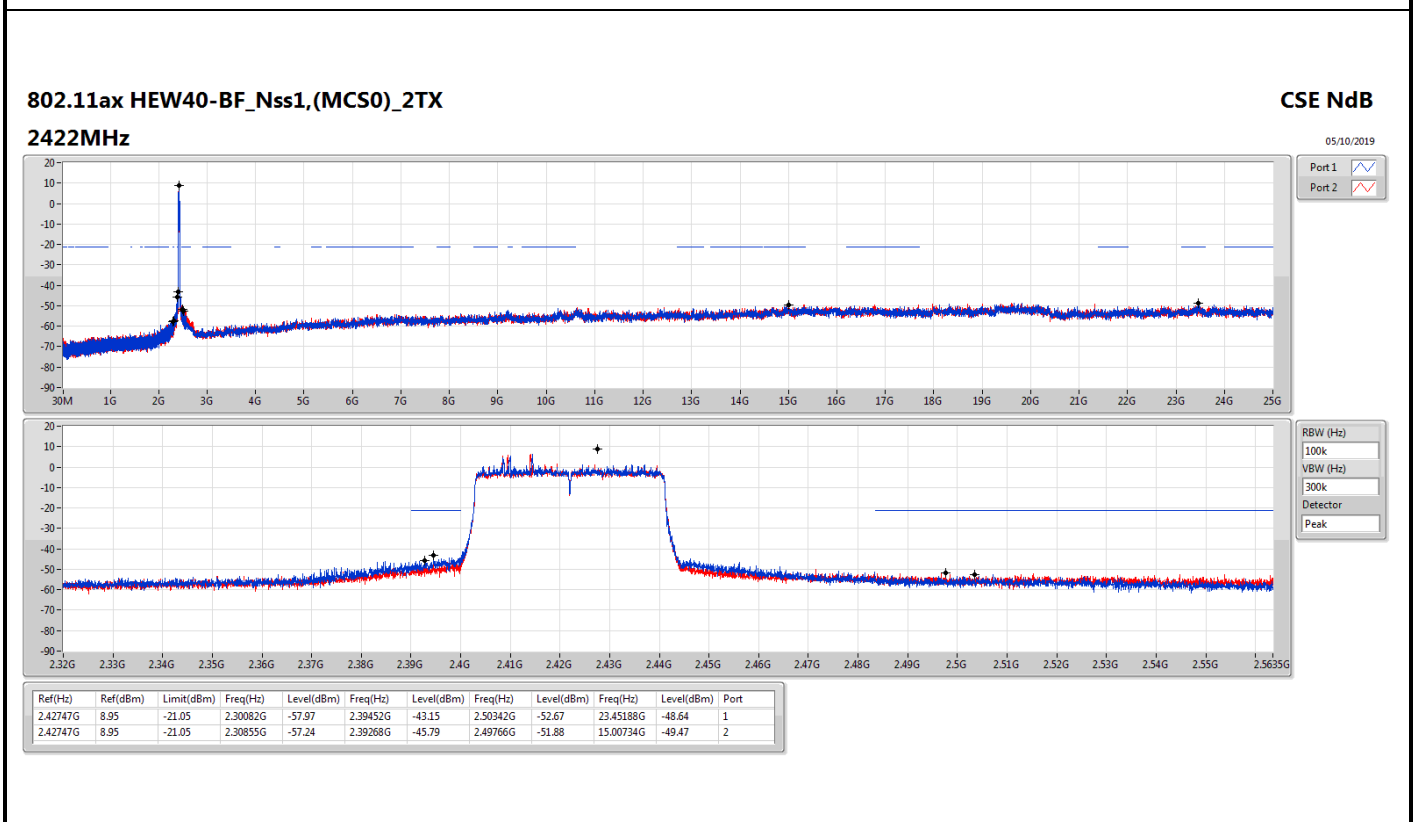
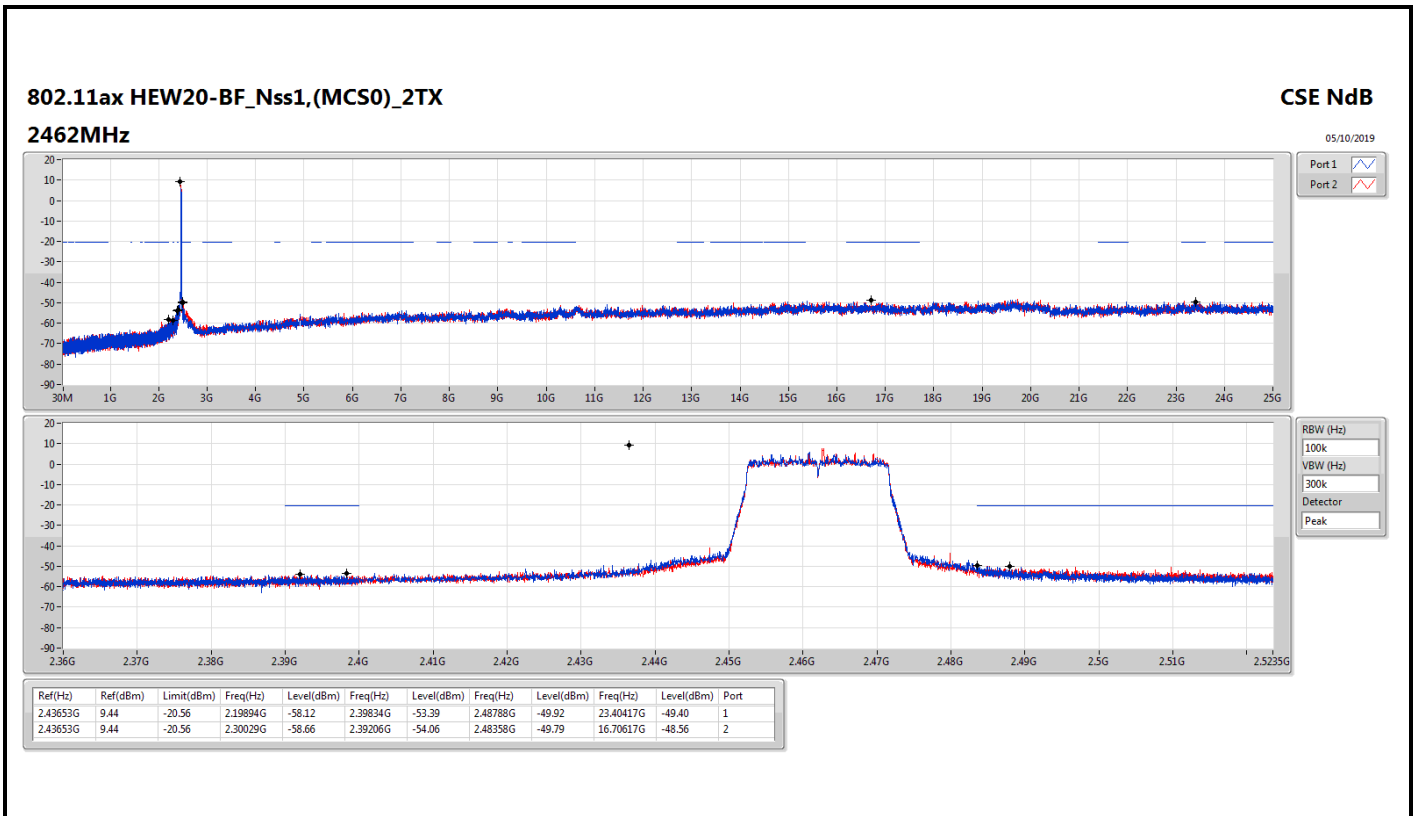


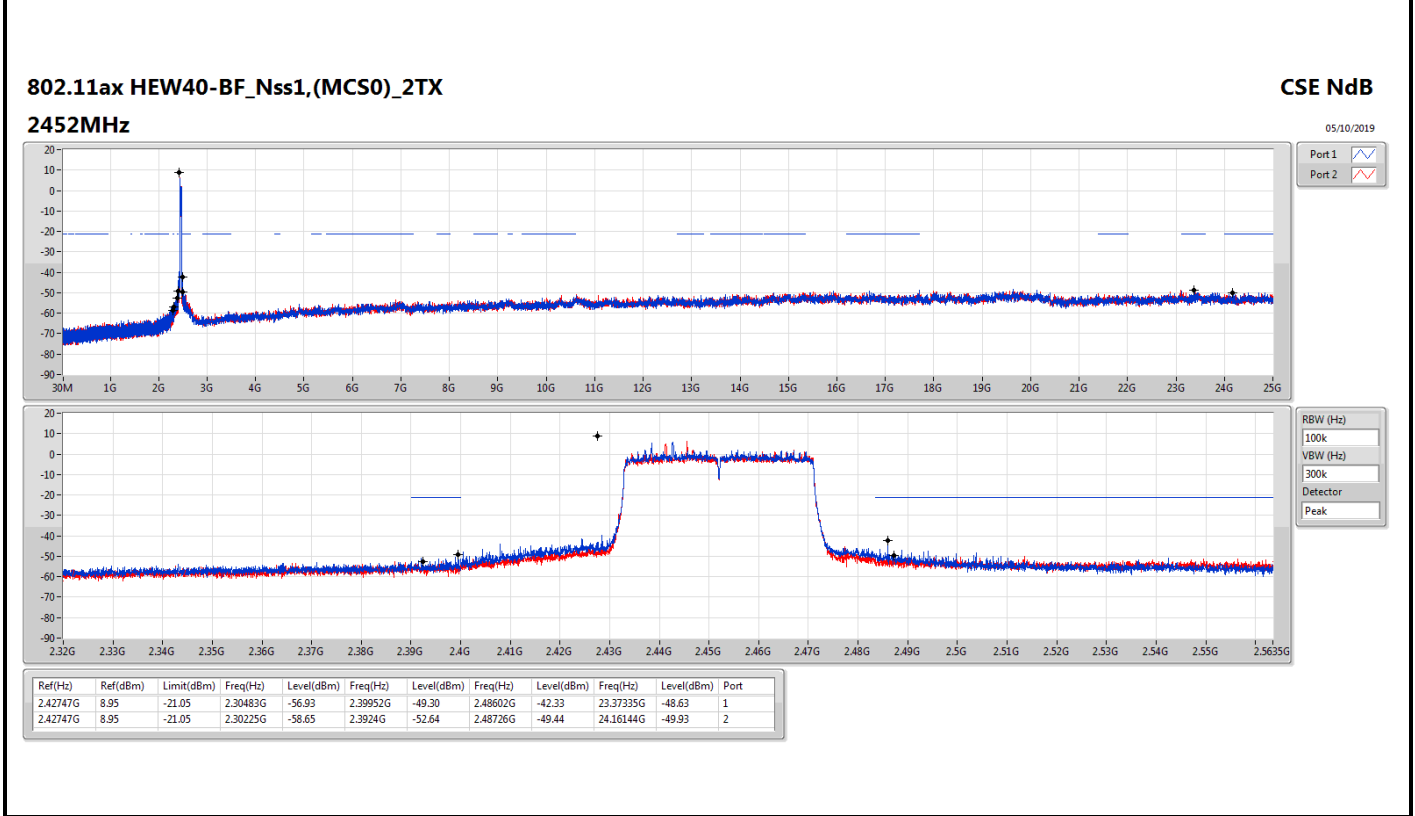
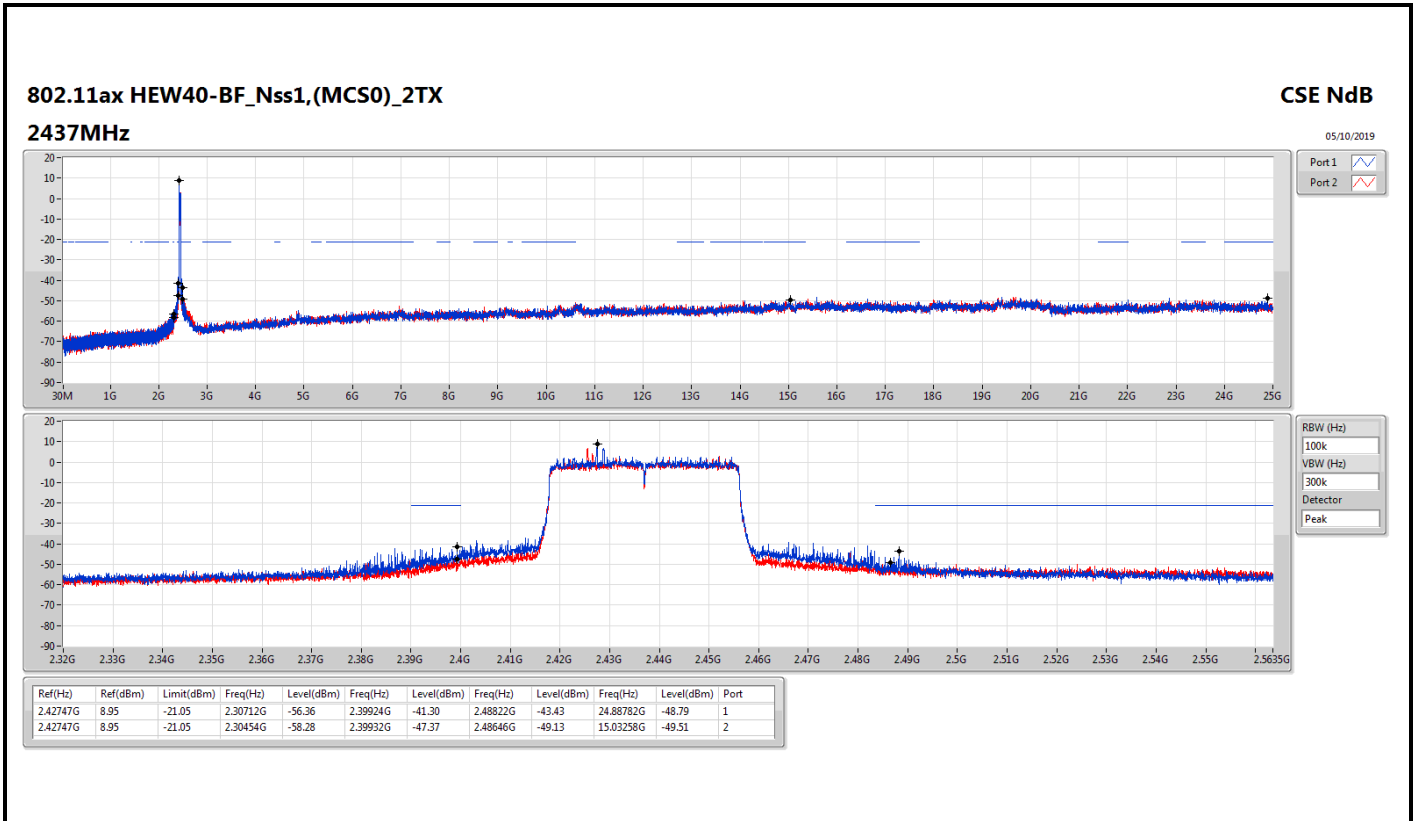
802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

CSE NdB

2437MHz









**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)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
VHT20-BF_Nss1,(MCS0)_2TX	Pass	2.46254G	12.92	-17.08	2.30845G	-53.21	2.3979G	-28.16	2.4996G	-51.09	16.88317G	-49.31	1
VHT40-BF_Nss1,(MCS0)_2TX	Pass	2.42551G	10.47	-19.53	2.30111G	-55.64	2.39952G	-35.39	2.48514G	-47.75	24.75881G	-48.94	1
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	Pass	2.46154G	12.60	-17.40	2.30641G	-54.73	2.39884G	-28.79	2.51886G	-50.81	23.48284G	-49.08	1
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	Pass	2.42501G	10.56	-19.44	2.30483G	-55.44	2.39732G	-42.29	2.48446G	-31.23	24.02401G	-49.67	1



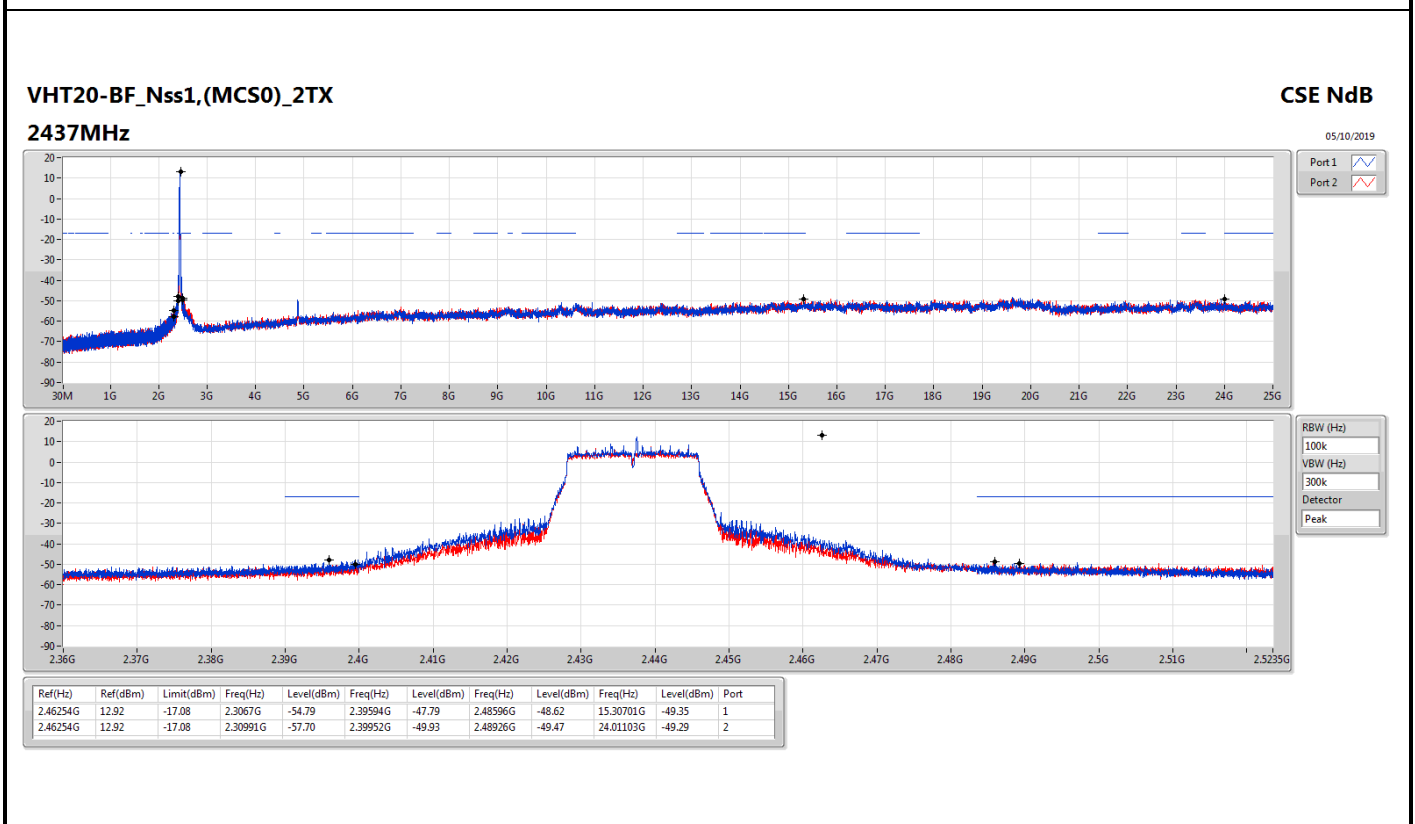
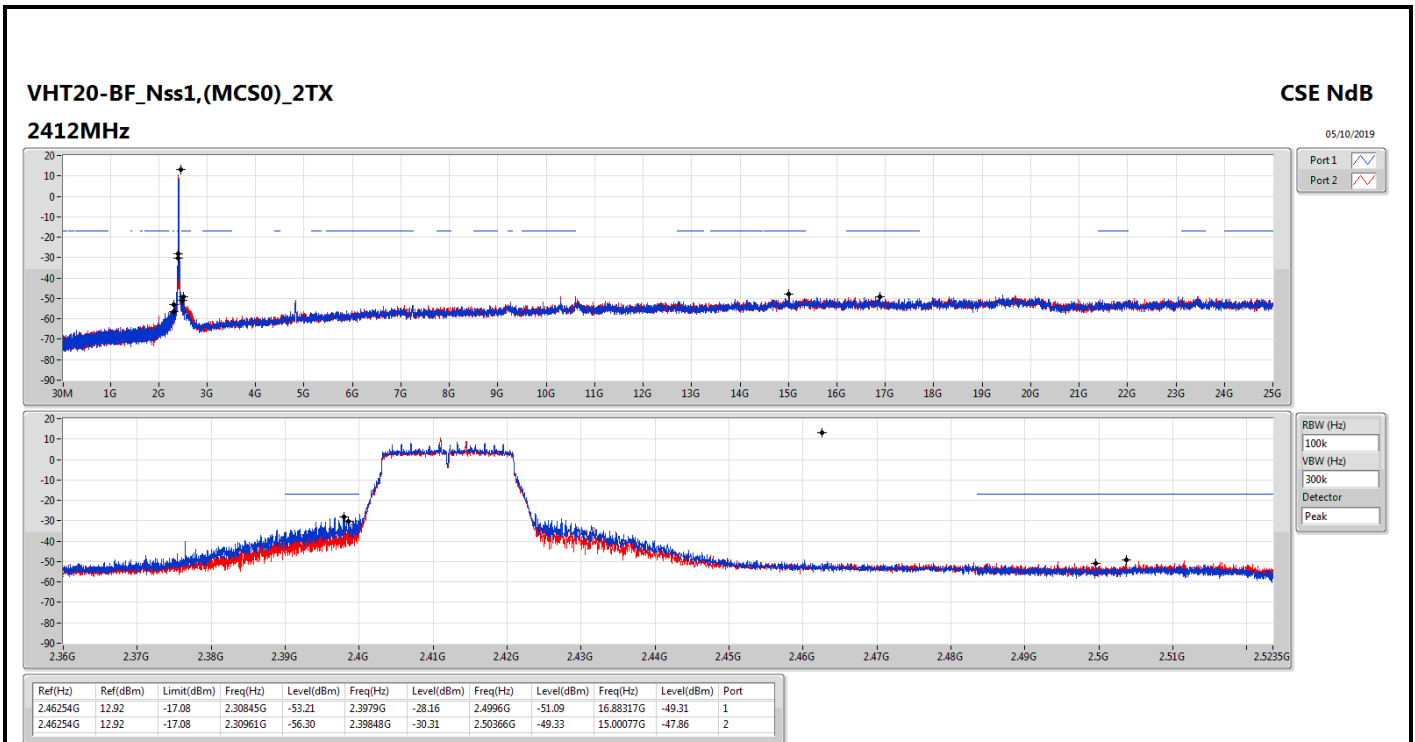
**CSE(Non-restricted Band)  
Beamforming Sample 2 Radio 1\_Panel 2**

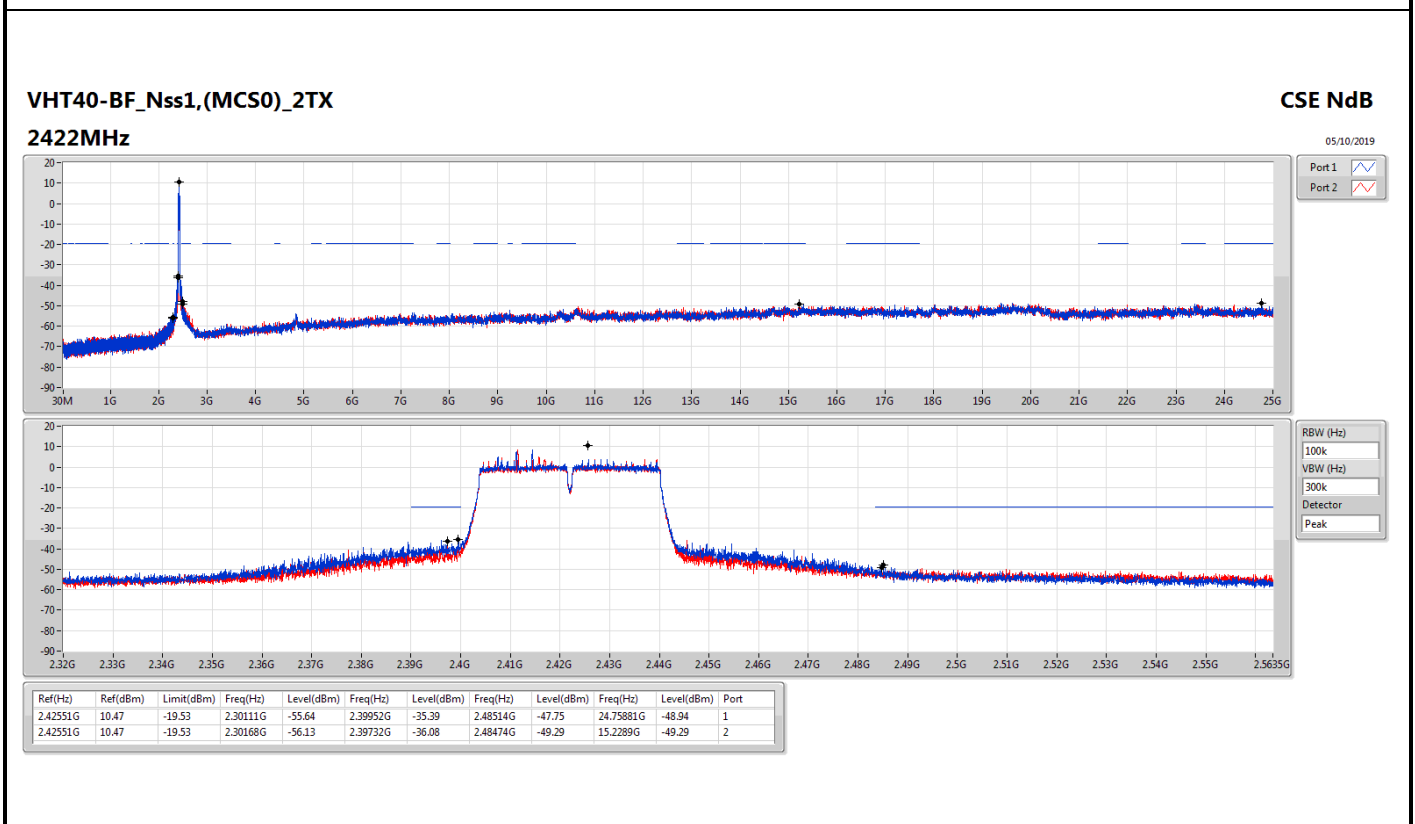
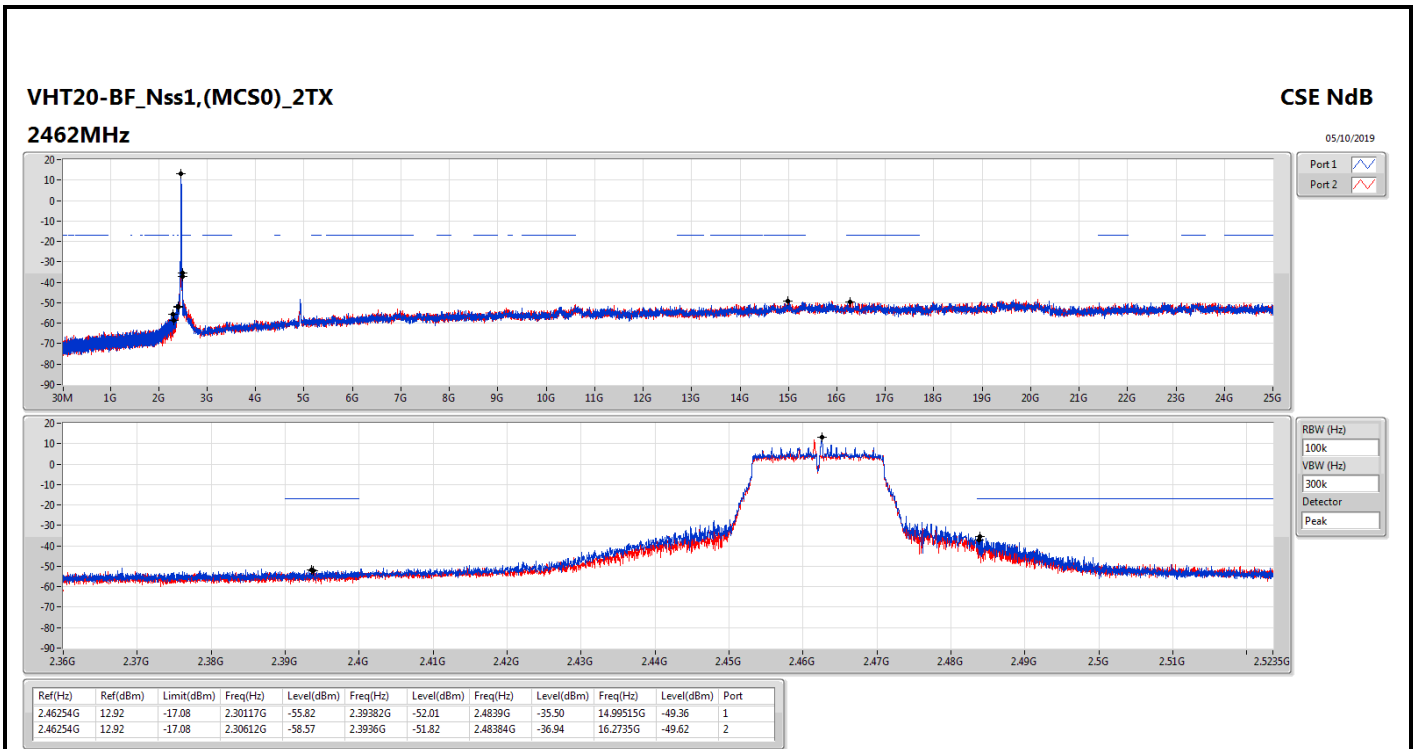
**Appendix E.21**

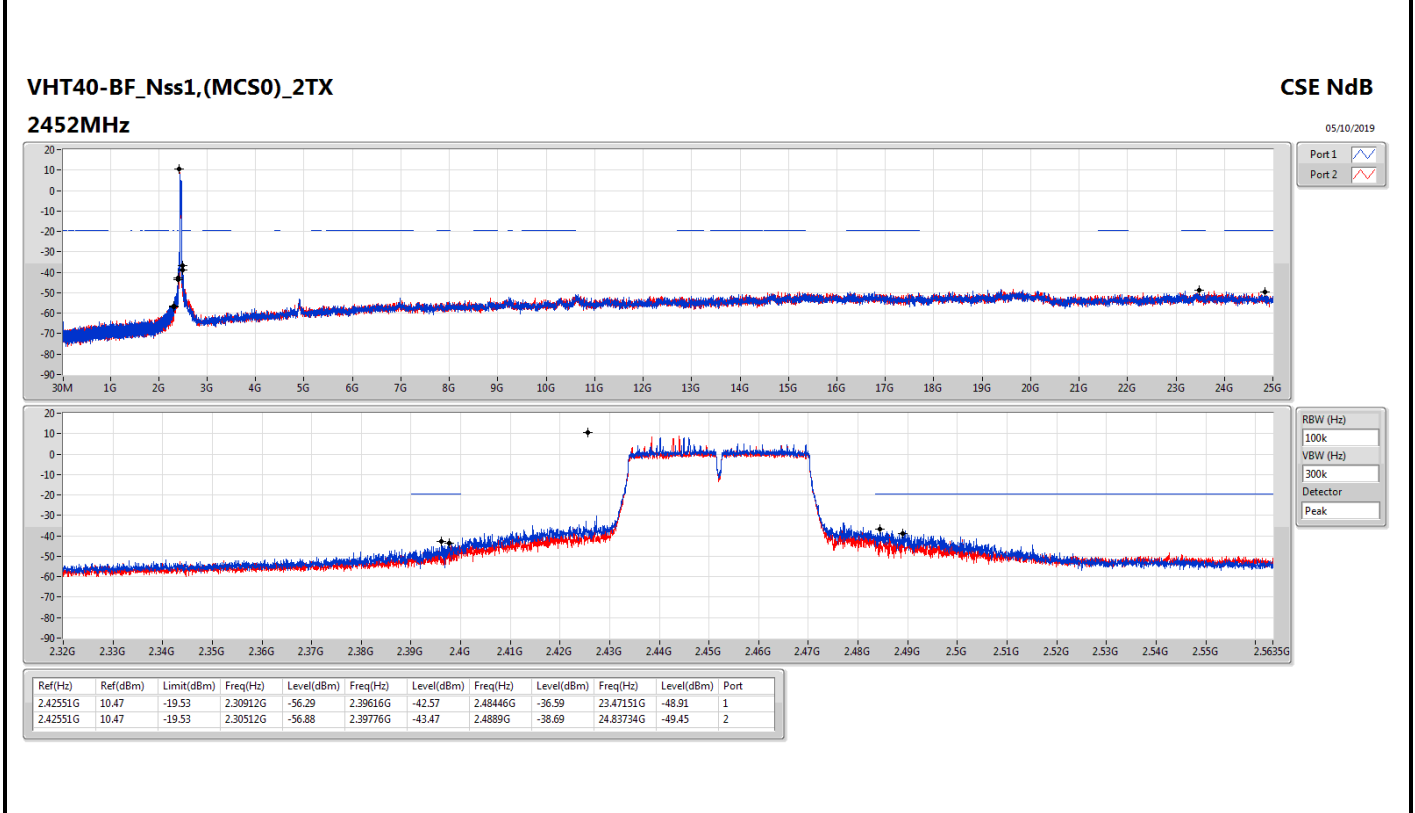
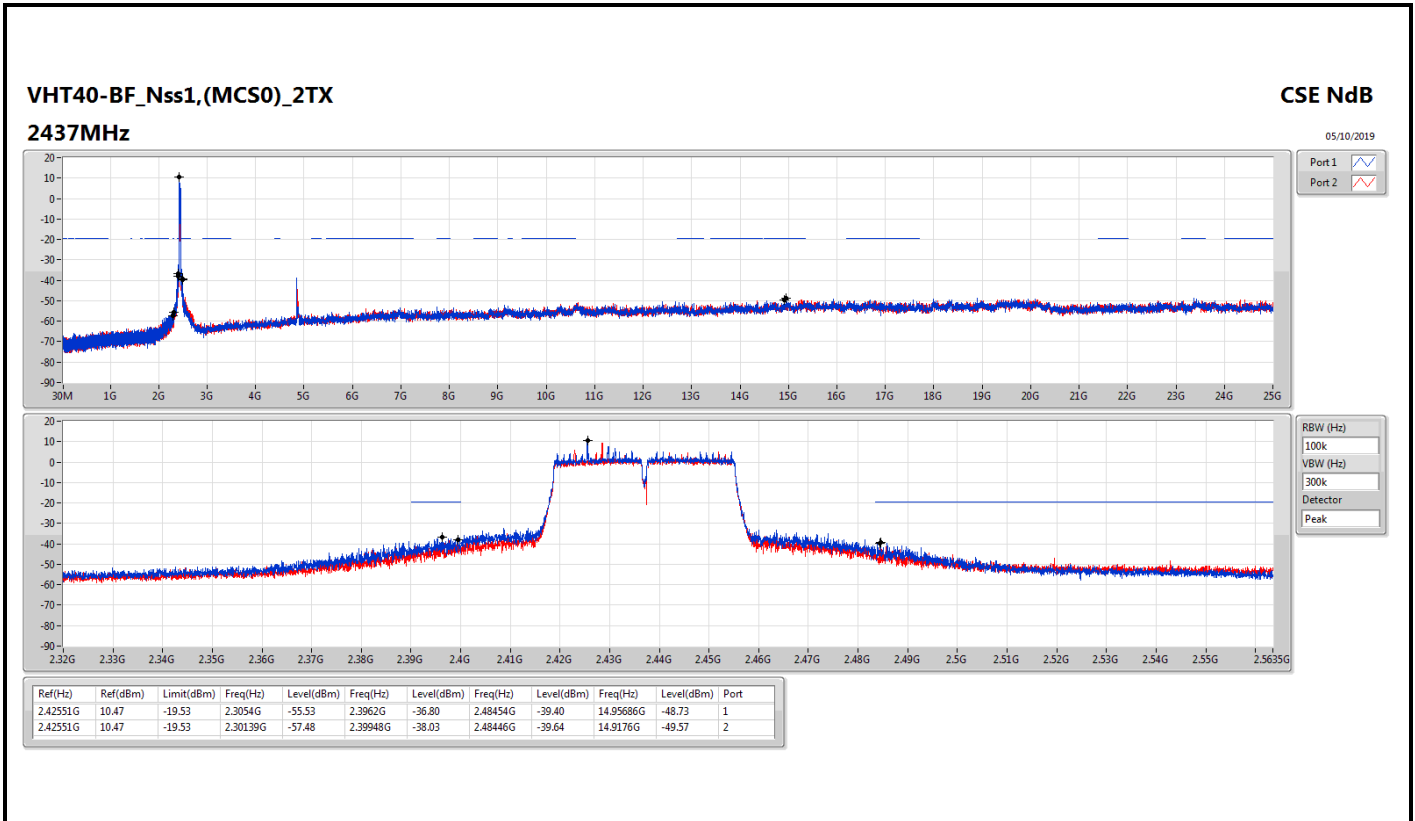
**Result**

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.46254G	12.92	-17.08	2.30845G	-53.21	2.3979G	-28.16	2.4996G	-51.09	16.88317G	-49.31	1
2412MHz	Pass	2.46254G	12.92	-17.08	2.30961G	-56.30	2.39848G	-30.31	2.50366G	-49.33	15.00077G	-47.86	2
2437MHz	Pass	2.46254G	12.92	-17.08	2.3067G	-54.79	2.39594G	-47.79	2.48596G	-48.62	15.30701G	-49.35	1
2437MHz	Pass	2.46254G	12.92	-17.08	2.30991G	-57.70	2.39952G	-49.93	2.48926G	-49.47	24.01103G	-49.29	2
2462MHz	Pass	2.46254G	12.92	-17.08	2.30117G	-55.82	2.39382G	-52.01	2.4839G	-35.50	14.99515G	-49.36	1
2462MHz	Pass	2.46254G	12.92	-17.08	2.30612G	-58.57	2.3936G	-51.82	2.48384G	-36.94	16.2735G	-49.62	2
VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.42551G	10.47	-19.53	2.30111G	-55.64	2.39952G	-35.39	2.48514G	-47.75	24.75881G	-48.94	1
2422MHz	Pass	2.42551G	10.47	-19.53	2.30168G	-56.13	2.39732G	-36.08	2.48474G	-49.29	15.2289G	-49.29	2
2437MHz	Pass	2.42551G	10.47	-19.53	2.3054G	-55.53	2.3962G	-36.80	2.48454G	-39.40	14.95686G	-48.73	1
2437MHz	Pass	2.42551G	10.47	-19.53	2.30139G	-57.48	2.39948G	-38.03	2.48446G	-39.64	14.9176G	-49.57	2
2452MHz	Pass	2.42551G	10.47	-19.53	2.30912G	-56.29	2.39616G	-42.57	2.48446G	-36.59	23.47151G	-48.91	1
2452MHz	Pass	2.42551G	10.47	-19.53	2.30512G	-56.88	2.39776G	-43.47	2.4889G	-38.69	24.83734G	-49.45	2
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.46154G	12.60	-17.40	2.30641G	-54.73	2.39884G	-28.79	2.51886G	-50.81	23.48284G	-49.08	1
2412MHz	Pass	2.46154G	12.60	-17.40	2.30932G	-56.59	2.39686G	-29.31	2.51688G	-50.71	16.24259G	-48.68	2
2437MHz	Pass	2.46154G	12.60	-17.40	2.30437G	-55.64	2.3981G	-46.76	2.48576G	-47.26	23.43507G	-48.63	1
2437MHz	Pass	2.46154G	12.60	-17.40	2.30787G	-57.83	2.39876G	-50.05	2.48506G	-48.23	23.47441G	-48.96	2
2462MHz	Pass	2.46154G	12.60	-17.40	2.30466G	-56.67	2.39878G	-51.10	2.48354G	-34.92	24.28918G	-49.32	1
2462MHz	Pass	2.46154G	12.60	-17.40	2.30525G	-57.60	2.39138G	-51.81	2.48368G	-34.81	14.93334G	-49.44	2
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.42501G	10.56	-19.44	2.3054G	-55.42	2.39452G	-32.16	2.48394G	-48.72	15.3467G	-48.69	1
2422MHz	Pass	2.42501G	10.56	-19.44	2.30225G	-56.22	2.398G	-36.54	2.48522G	-49.23	16.30866G	-49.01	2
2437MHz	Pass	2.42501G	10.56	-19.44	2.30397G	-57.01	2.39532G	-34.33	2.48526G	-39.88	15.33828G	-49.41	1
2437MHz	Pass	2.42501G	10.56	-19.44	2.30998G	-56.88	2.3974G	-37.23	2.4865G	-40.25	16.91164G	-48.66	2
2452MHz	Pass	2.42501G	10.56	-19.44	2.30483G	-55.44	2.39732G	-42.29	2.48446G	-31.23	24.02401G	-49.67	1
2452MHz	Pass	2.42501G	10.56	-19.44	2.30769G	-56.50	2.39776G	-45.34	2.48546G	-35.60	23.48554G	-48.64	2







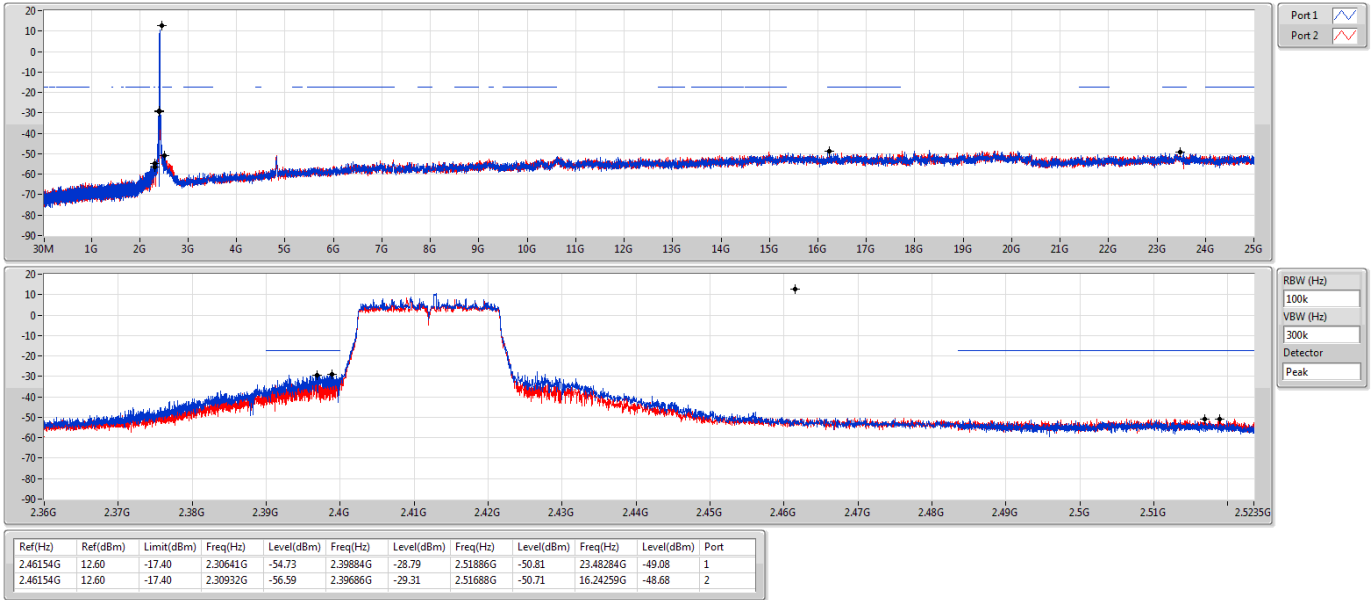




802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

CSE NdB

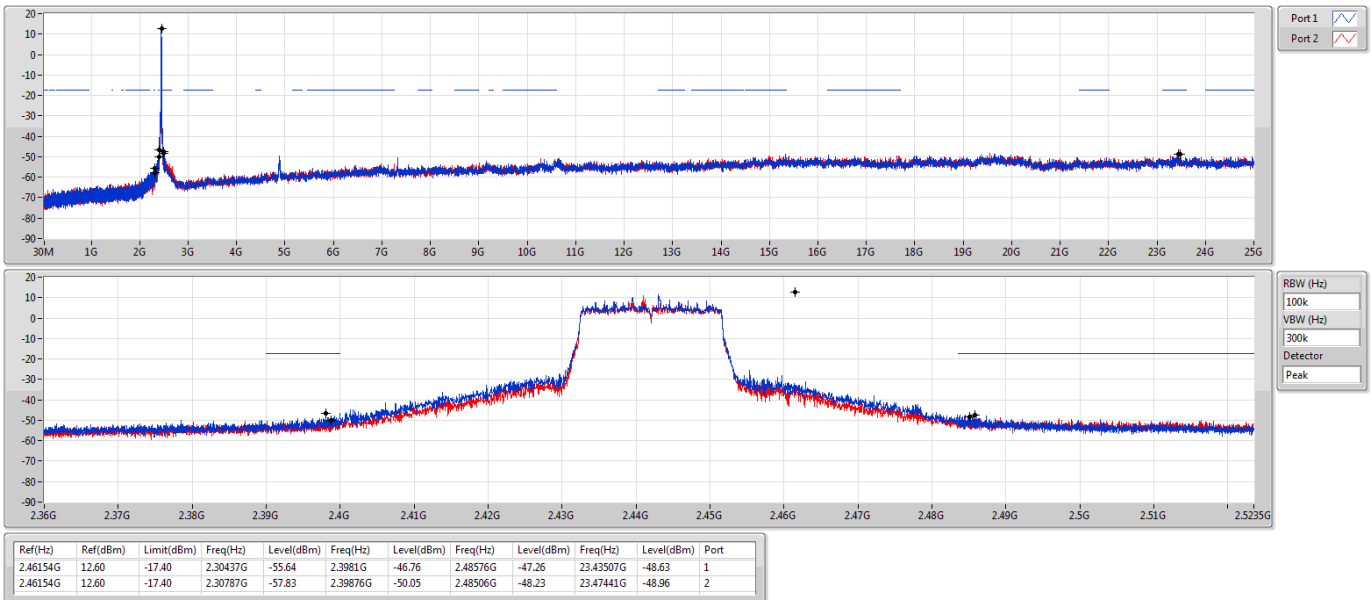
2412MHz

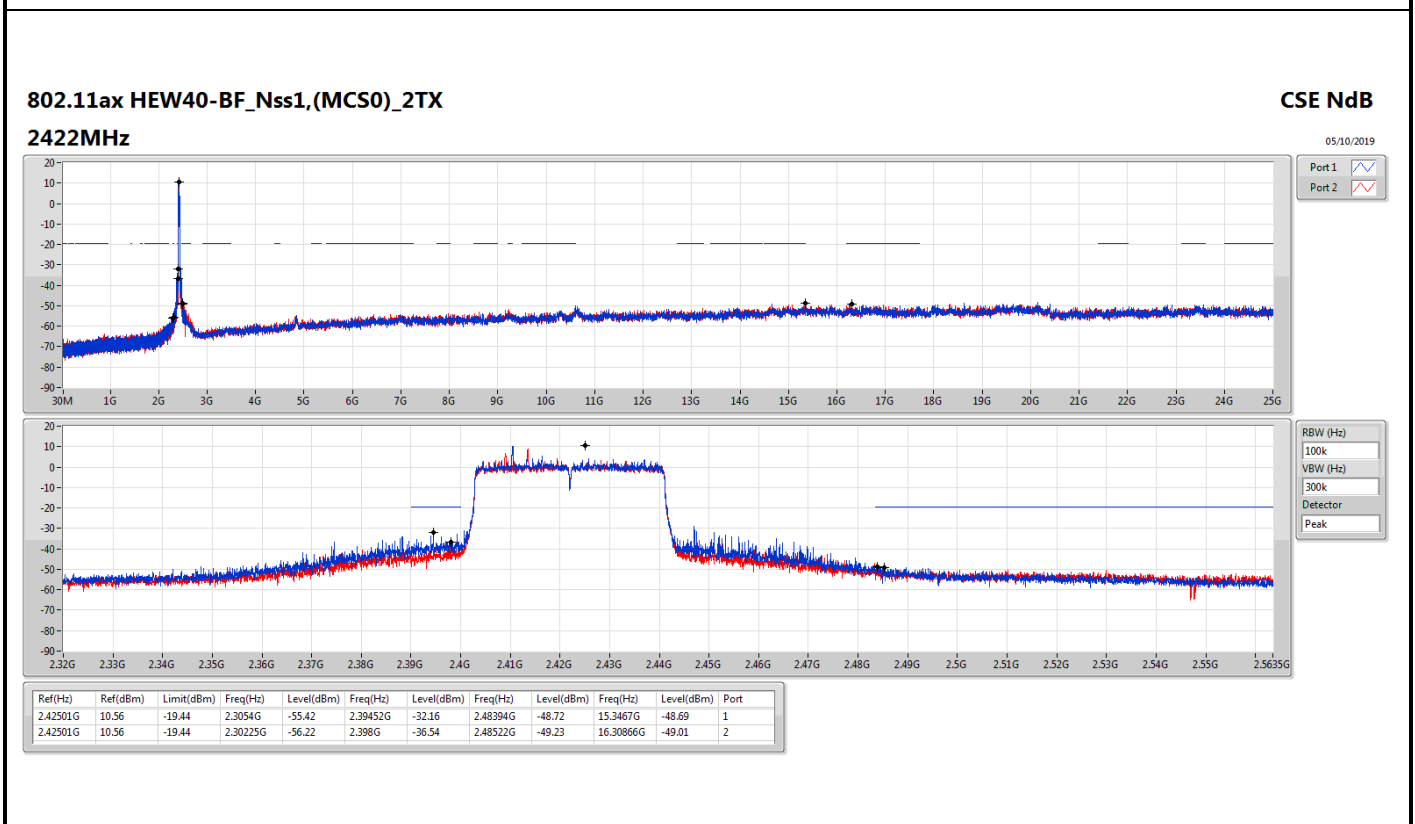
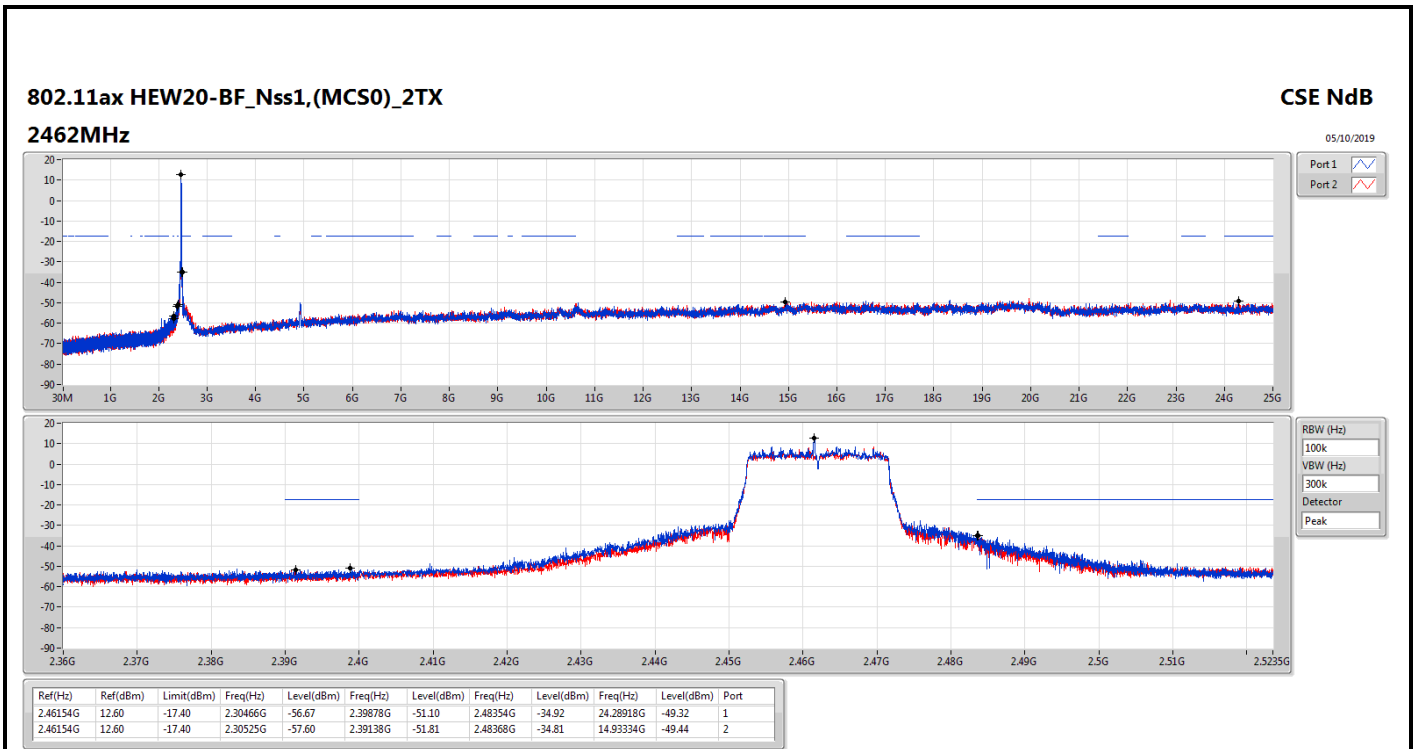


802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

CSE NdB

2437MHz





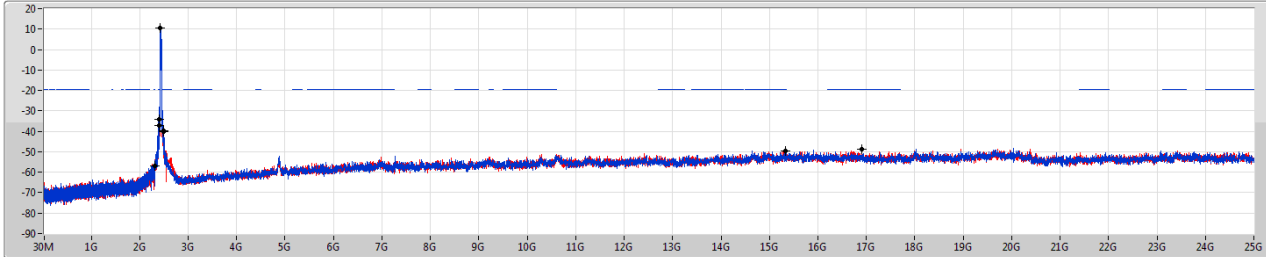


802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

CSE NdB

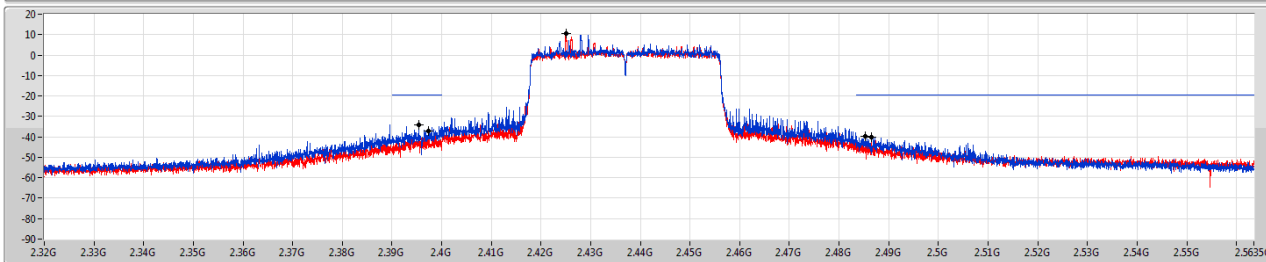
2437MHz

05/10/2019



Port 1

Port 2



RBW (Hz)

VBW (Hz)

Detector

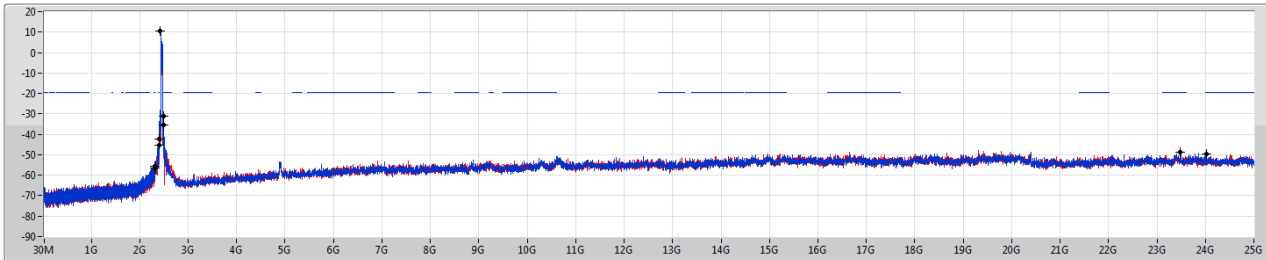
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.42501G	10.56	-19.44	2.30397G	-57.01	2.39532G	-34.33	2.48526G	-39.88	15.33828G	-49.41	1
2.42501G	10.56	-19.44	2.30998G	-56.88	2.3974G	-37.23	2.4865G	-40.25	16.91164G	-48.66	2

802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

CSE NdB

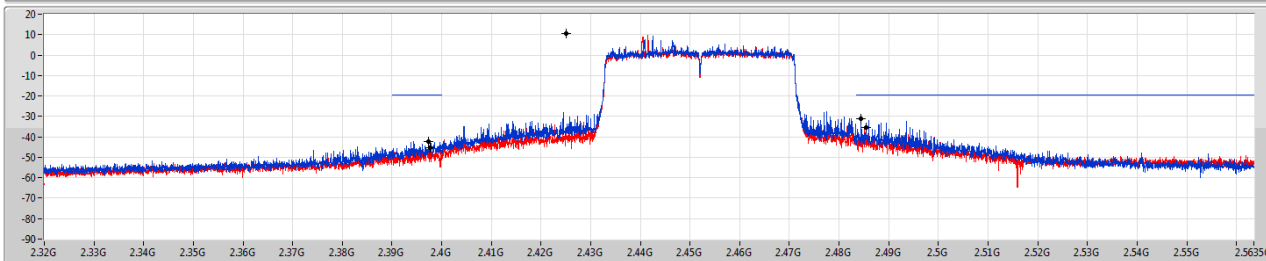
2452MHz

05/10/2019



Port 1

Port 2



RBW (Hz)

VBW (Hz)

Detector

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.42501G	10.56	-19.44	2.30483G	-55.44	2.39732G	-42.29	2.48446G	-31.23	24.02401G	-49.67	1
2.42501G	10.56	-19.44	2.30769G	-56.50	2.39776G	-45.34	2.48546G	-35.60	23.48554G	-48.64	2



**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)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
VHT20-BF_Nss1,(MCS0)_2TX	Pass	2.43073G	6.51	-23.49	1.96973G	-60.04	2.39968G	-55.39	2.48356G	-36.75	17.05175G	-48.99	1
VHT40-BF_Nss1,(MCS0)_2TX	Pass	2.42948G	2.71	-27.29	2.30912G	-60.12	2.39948G	-39.96	2.48818G	-44.73	16.85275G	-48.72	1
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	Pass	2.442G	6.46	-23.54	2.30816G	-61.25	2.39838G	-55.60	2.48548G	-40.07	16.5095G	-50.16	2
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	Pass	2.43198G	1.19	-28.81	2.30254G	-59.12	2.39924G	-35.77	2.48474G	-37.71	16.57229G	-50.07	2



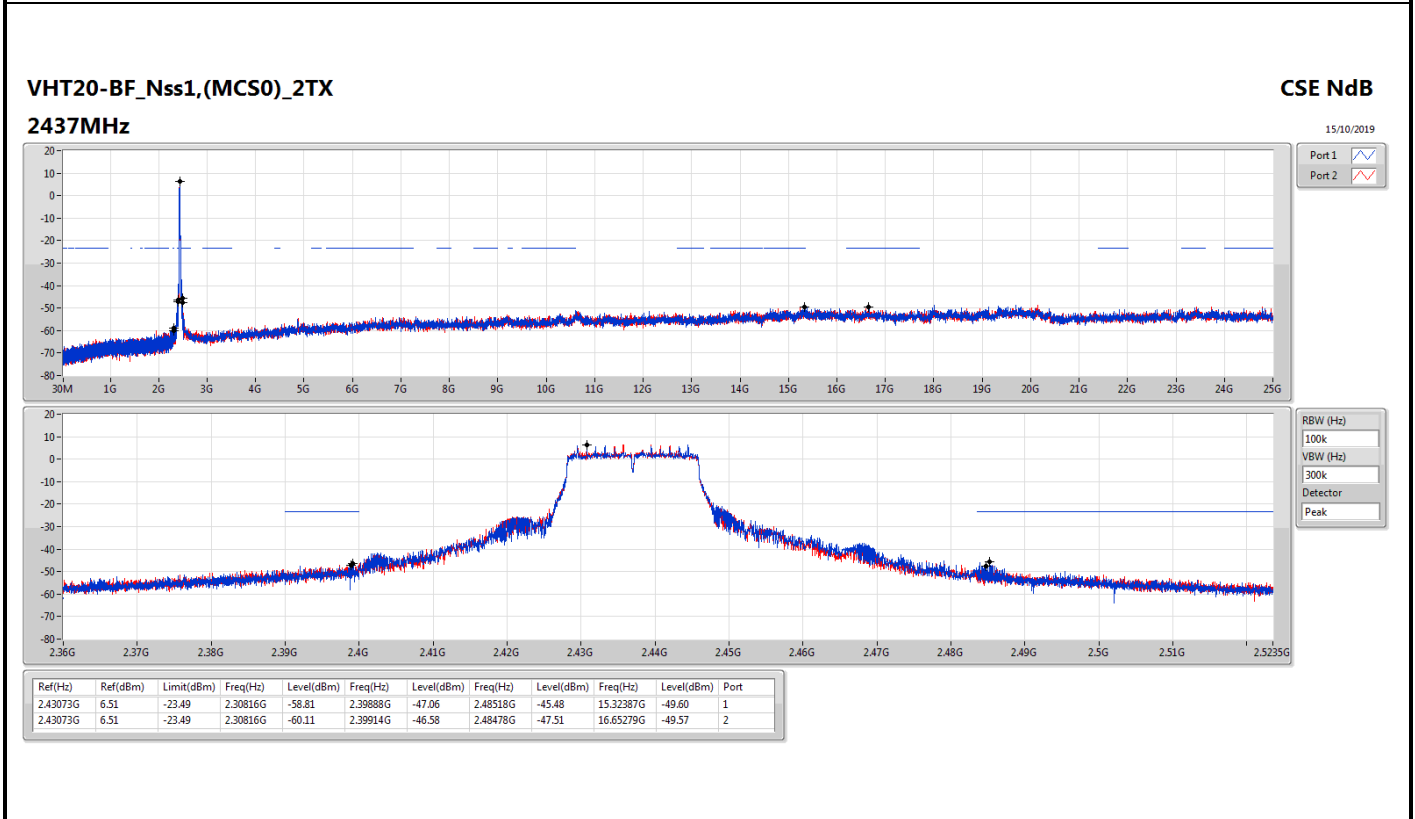
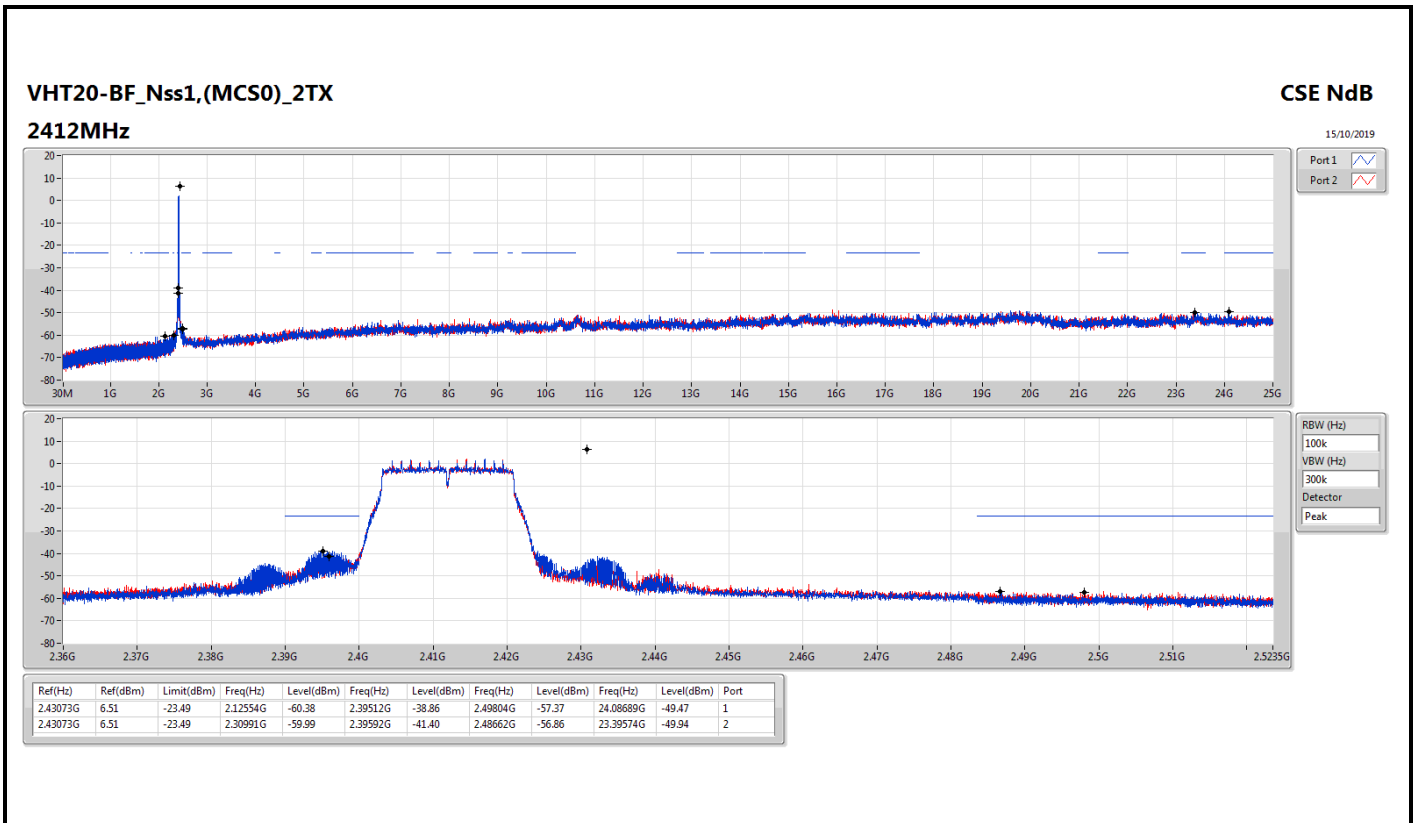
**CSE(Non-restricted Band)  
Beamforming Sample 2 Radio 3 Omni**

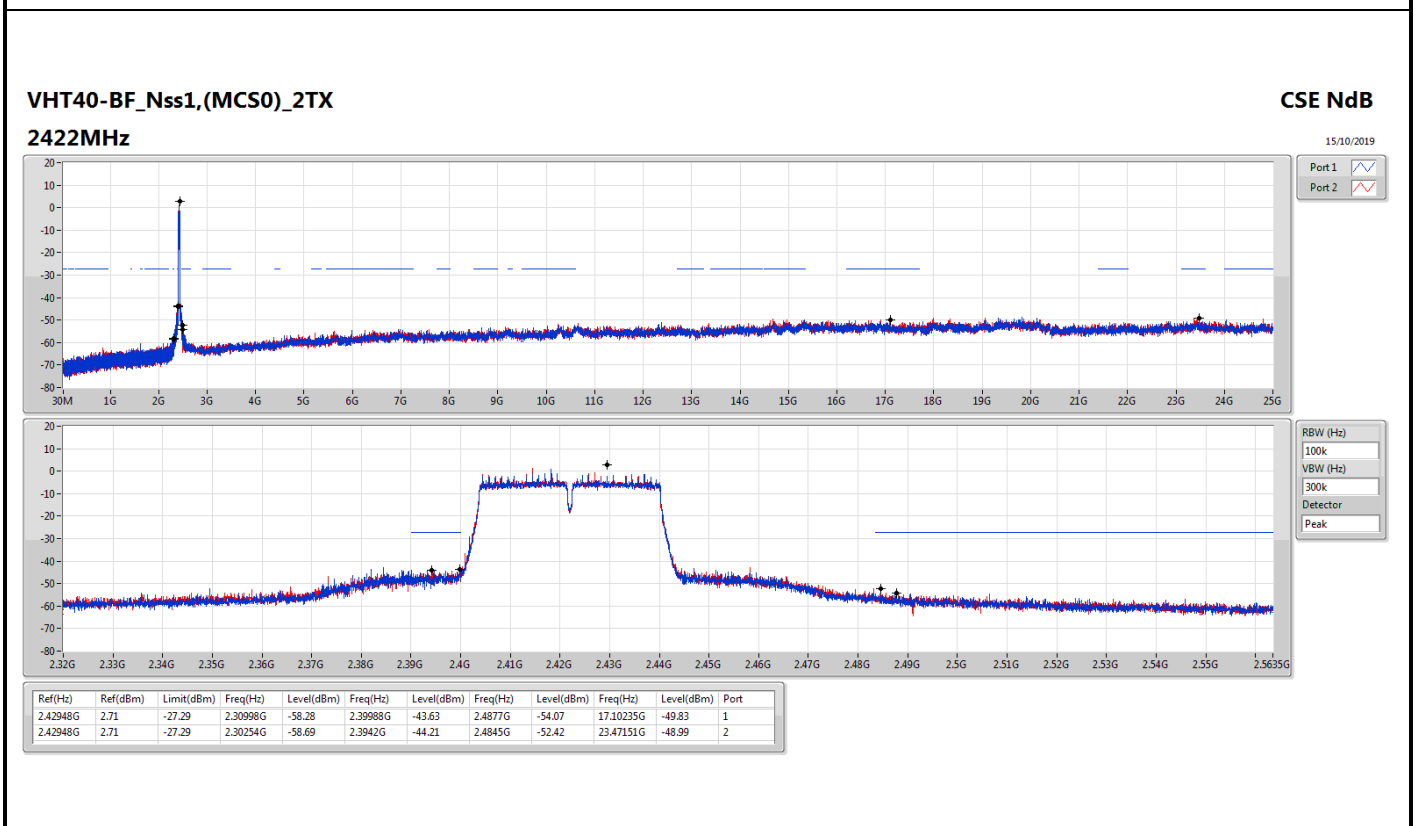
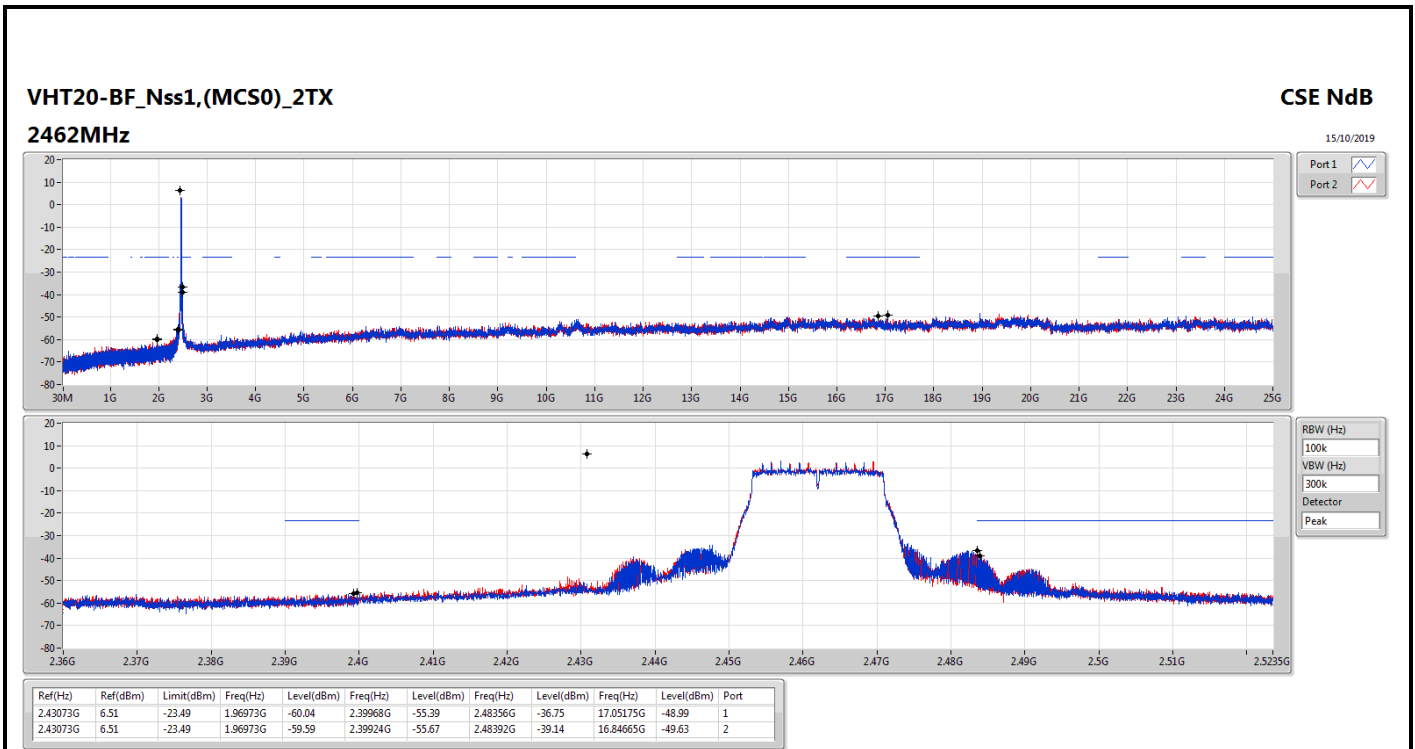
**Appendix E.22**

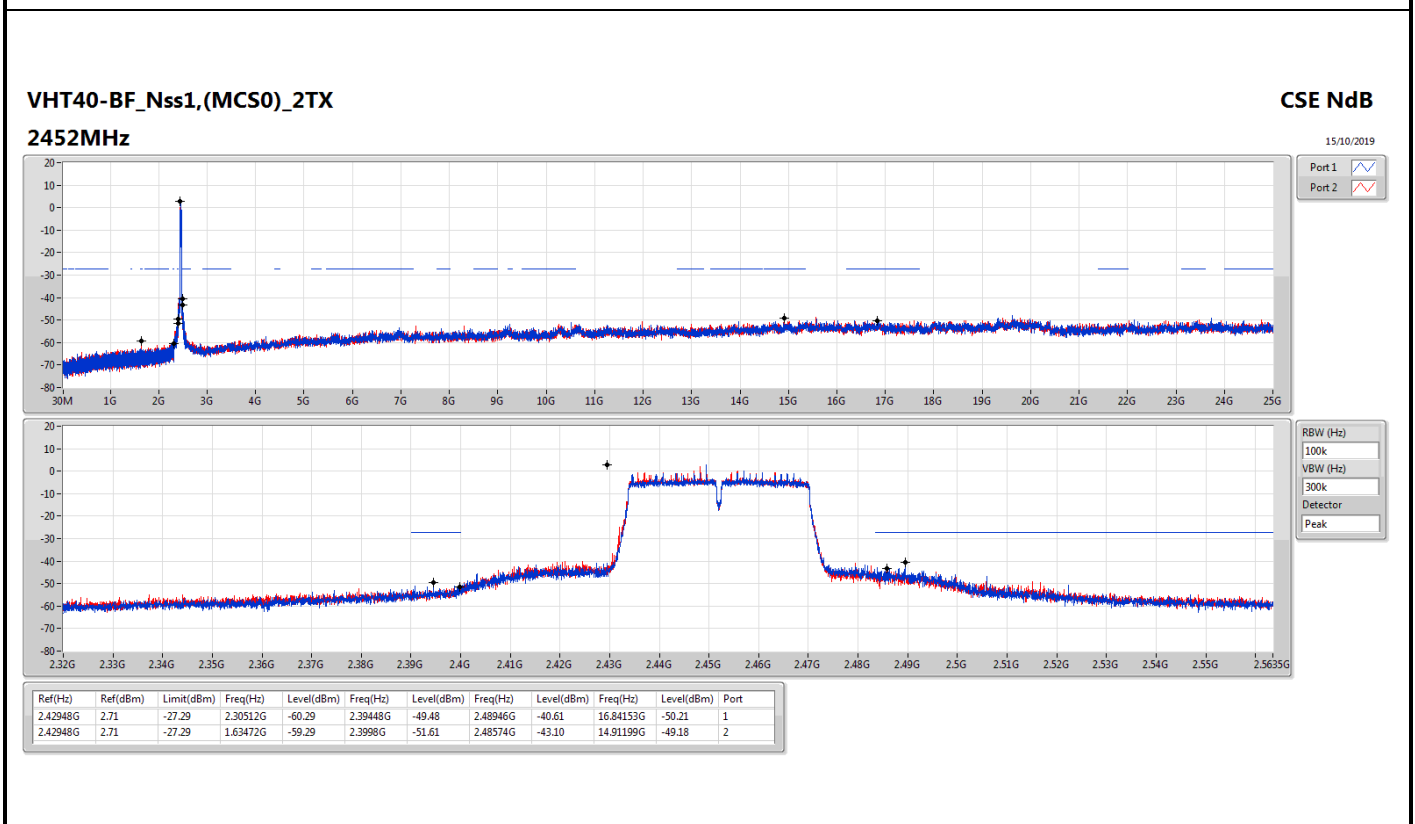
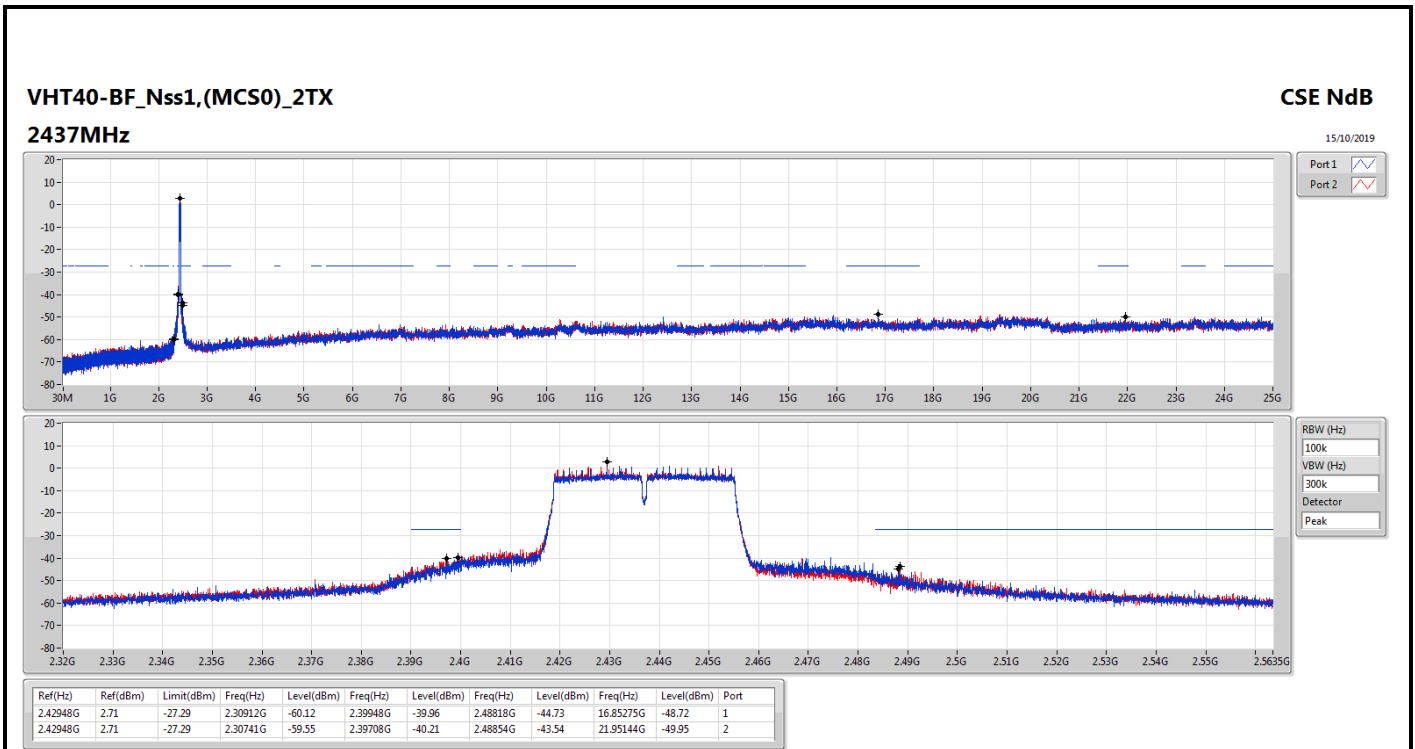
**Result**

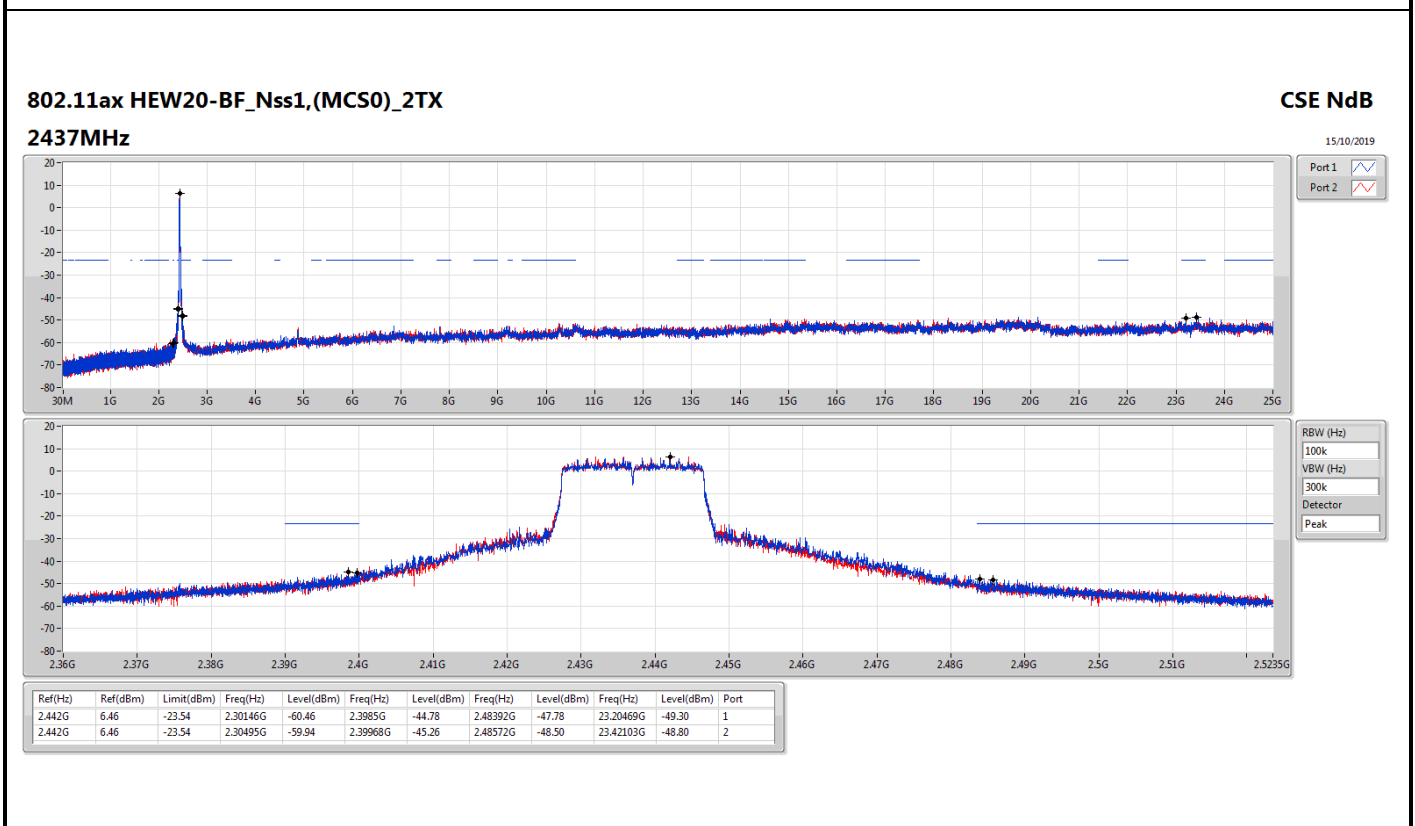
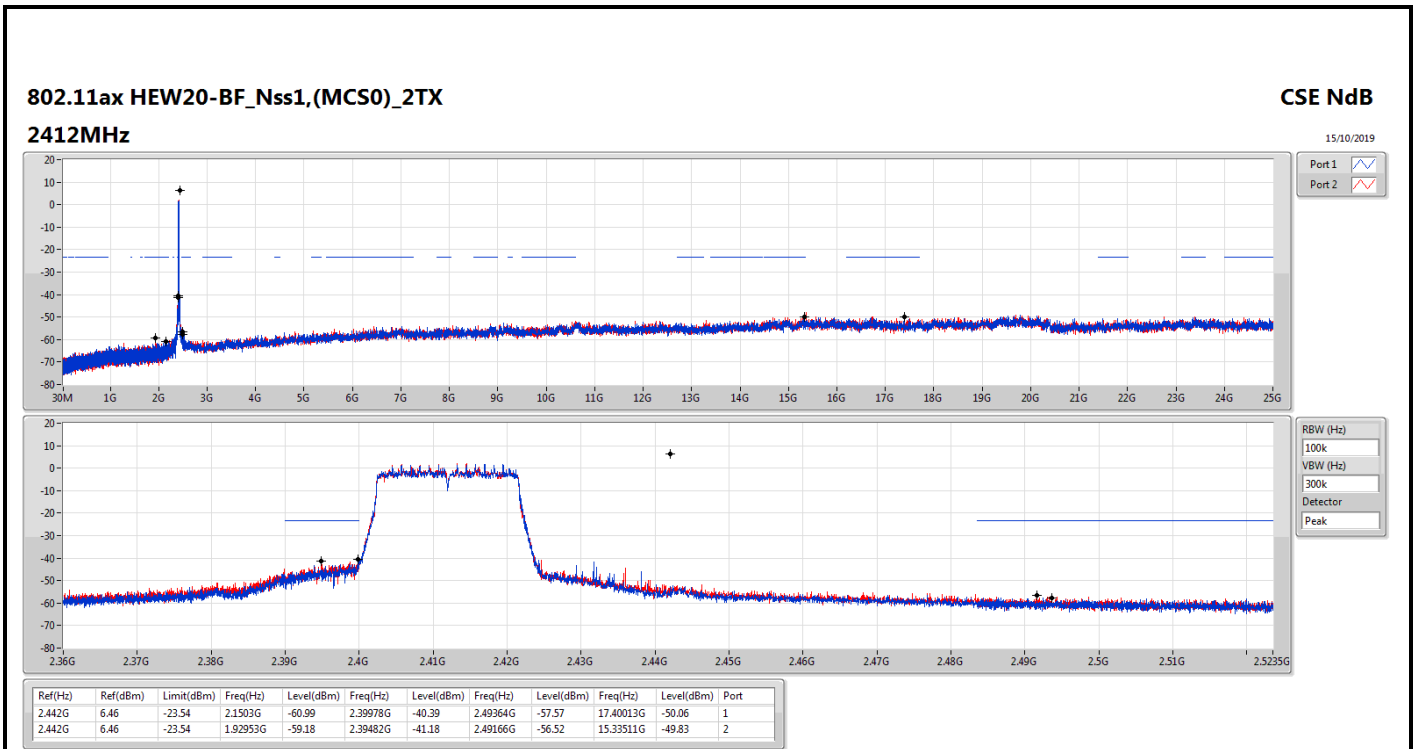
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43073G	6.51	-23.49	2.12554G	-60.38	2.39512G	-38.86	2.49804G	-57.37	24.08689G	-49.47	1
2412MHz	Pass	2.43073G	6.51	-23.49	2.30991G	-59.99	2.39592G	-41.40	2.48662G	-56.86	23.39574G	-49.94	2
2437MHz	Pass	2.43073G	6.51	-23.49	2.30816G	-58.81	2.39888G	-47.06	2.48518G	-45.48	15.32387G	-49.60	1
2437MHz	Pass	2.43073G	6.51	-23.49	2.30816G	-60.11	2.39914G	-46.58	2.48478G	-47.51	16.65279G	-49.57	2
2462MHz	Pass	2.43073G	6.51	-23.49	1.96973G	-60.04	2.39968G	-55.39	2.48356G	-36.75	17.05175G	-48.99	1
2462MHz	Pass	2.43073G	6.51	-23.49	1.96973G	-59.59	2.39924G	-55.67	2.48392G	-39.14	16.84665G	-49.63	2
VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.42948G	2.71	-27.29	2.30998G	-58.28	2.39988G	-43.63	2.4877G	-54.07	17.10235G	-49.83	1
2422MHz	Pass	2.42948G	2.71	-27.29	2.30254G	-58.69	2.3942G	-44.21	2.4845G	-52.42	23.47151G	-48.99	2
2437MHz	Pass	2.42948G	2.71	-27.29	2.30912G	-60.12	2.39948G	-39.96	2.48818G	-44.73	16.85275G	-48.72	1
2437MHz	Pass	2.42948G	2.71	-27.29	2.30741G	-59.55	2.39708G	-40.21	2.48854G	-43.54	21.95144G	-49.95	2
2452MHz	Pass	2.42948G	2.71	-27.29	2.30512G	-60.29	2.39448G	-49.48	2.48946G	-40.61	16.84153G	-50.21	1
2452MHz	Pass	2.42948G	2.71	-27.29	1.63472G	-59.29	2.3998G	-51.61	2.48574G	-43.10	14.91199G	-49.18	2
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.442G	6.46	-23.54	2.1503G	-60.99	2.39978G	-40.39	2.49364G	-57.57	17.40013G	-50.06	1
2412MHz	Pass	2.442G	6.46	-23.54	1.92953G	-59.18	2.39482G	-41.18	2.49166G	-56.52	15.33511G	-49.83	2
2437MHz	Pass	2.442G	6.46	-23.54	2.30146G	-60.46	2.3985G	-44.78	2.48392G	-47.78	23.20469G	-49.30	1
2437MHz	Pass	2.442G	6.46	-23.54	2.30495G	-59.94	2.39968G	-45.26	2.48572G	-48.50	23.42103G	-48.80	2
2462MHz	Pass	2.442G	6.46	-23.54	2.30932G	-59.89	2.39968G	-56.32	2.48758G	-42.79	16.6837G	-49.60	1
2462MHz	Pass	2.442G	6.46	-23.54	2.30816G	-61.25	2.39838G	-55.60	2.48548G	-40.07	16.5095G	-50.16	2
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43198G	1.19	-28.81	2.30597G	-58.72	2.39756G	-42.30	2.4875G	-53.43	17.66046G	-50.06	1
2422MHz	Pass	2.43198G	1.19	-28.81	2.30769G	-58.50	2.39988G	-39.56	2.50078G	-53.34	23.14338G	-50.08	2
2437MHz	Pass	2.43198G	1.19	-28.81	2.30769G	-58.89	2.39868G	-38.49	2.48422G	-38.82	16.68728G	-48.67	1
2437MHz	Pass	2.43198G	1.19	-28.81	2.30254G	-59.12	2.39924G	-35.77	2.48474G	-37.71	16.57229G	-50.07	2
2452MHz	Pass	2.43198G	1.19	-28.81	2.30082G	-60.33	2.39928G	-49.85	2.48818G	-42.46	16.86396G	-50.08	1
2452MHz	Pass	2.43198G	1.19	-28.81	2.30798G	-59.34	2.39572G	-48.49	2.48594G	-40.32	23.4042G	-49.81	2

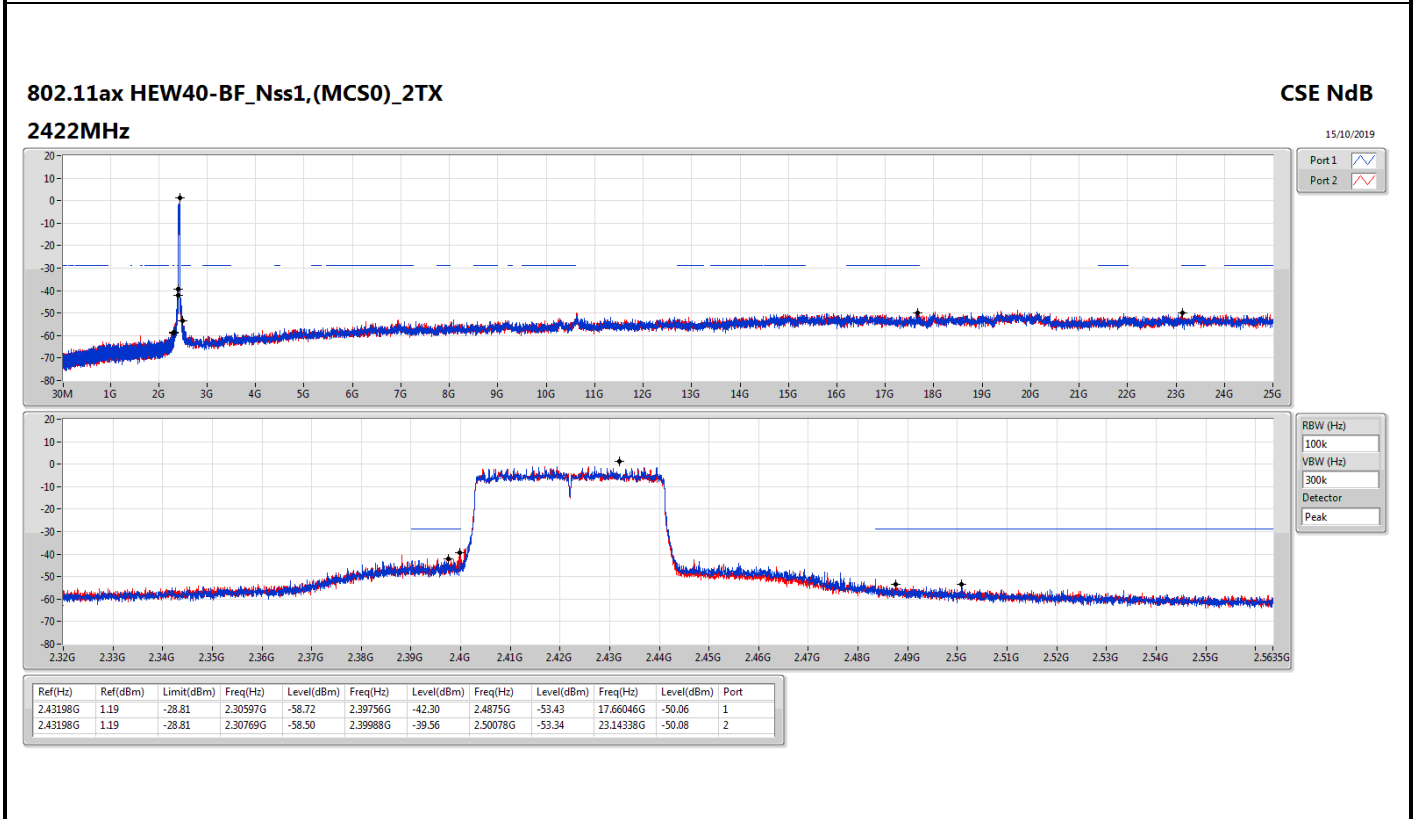
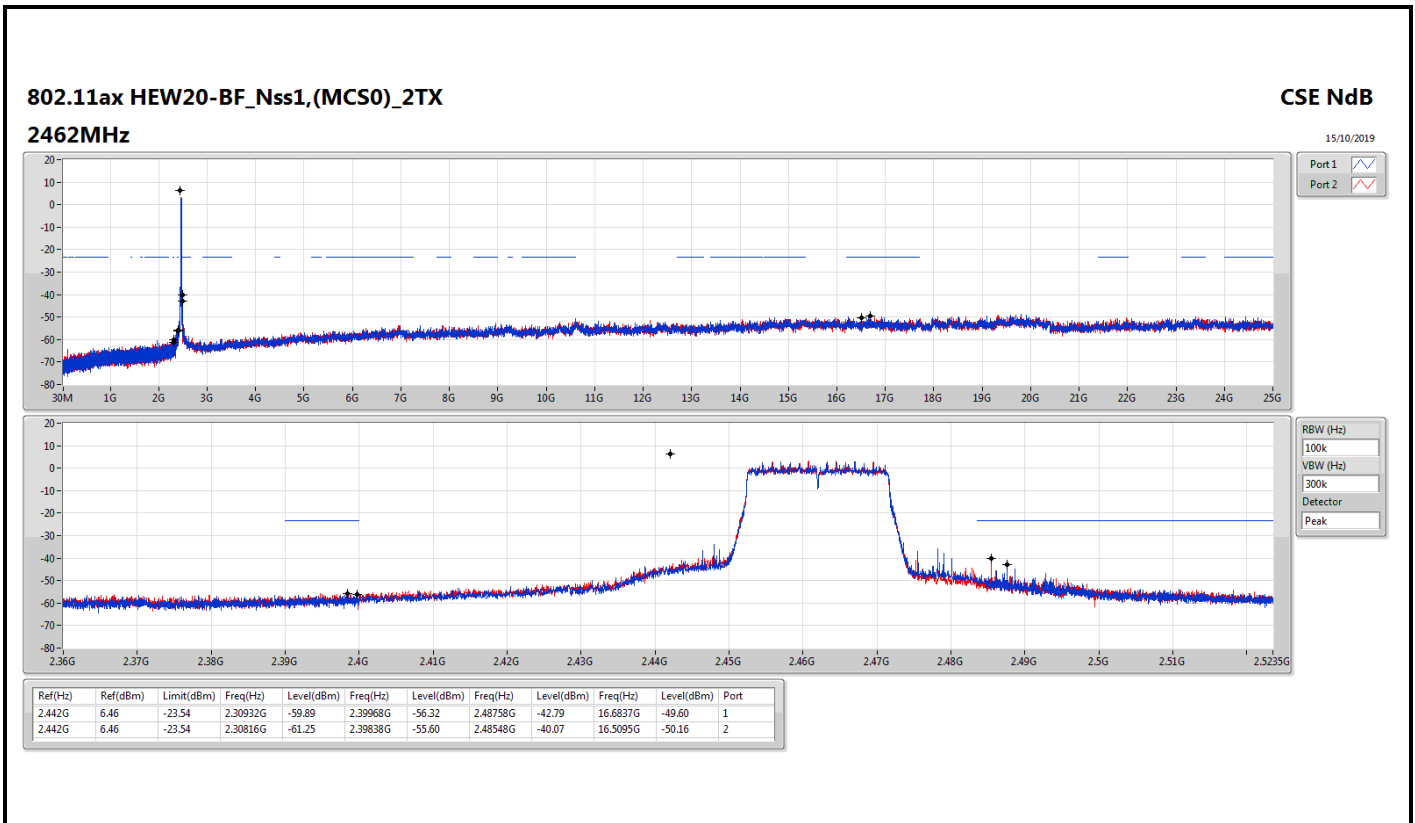


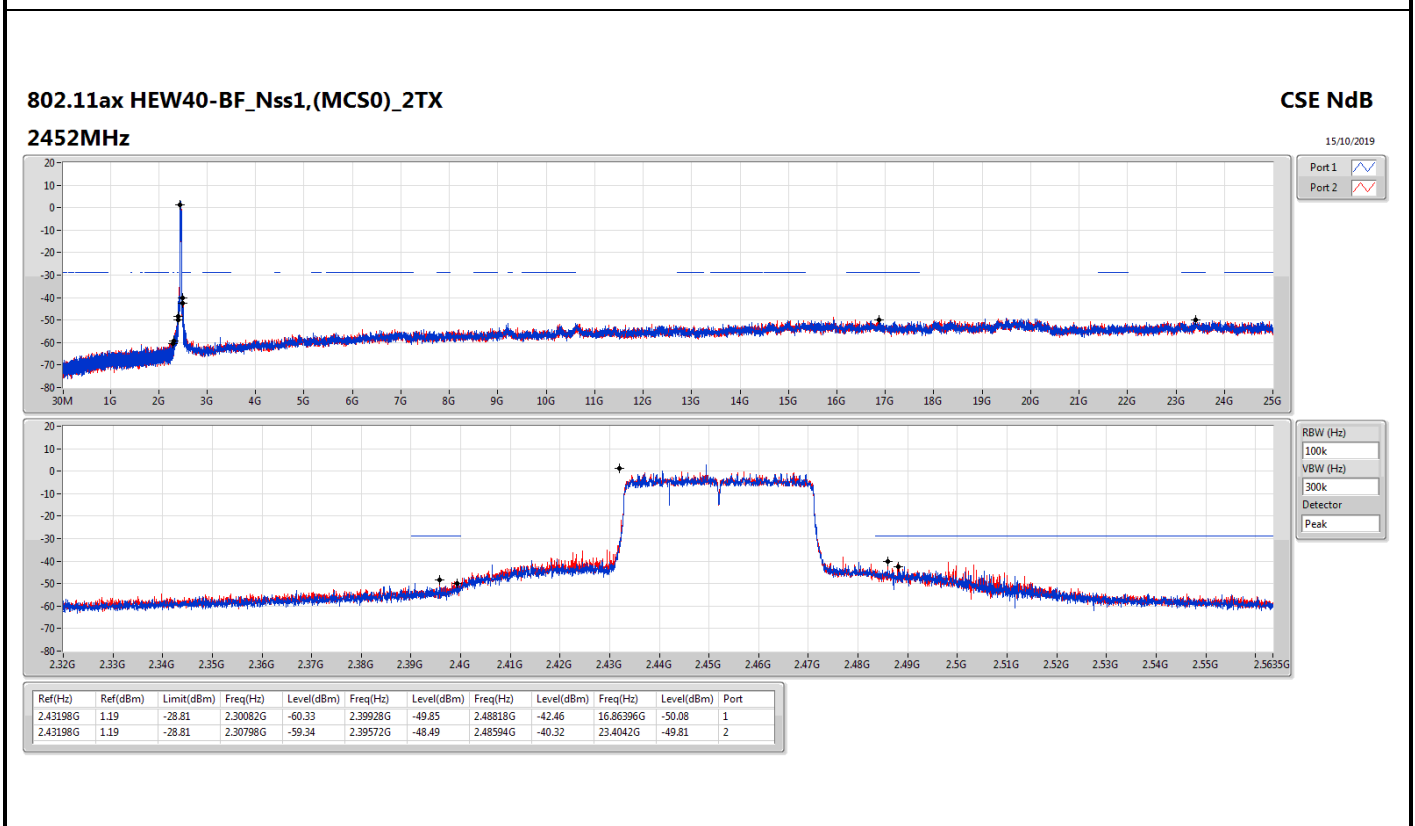
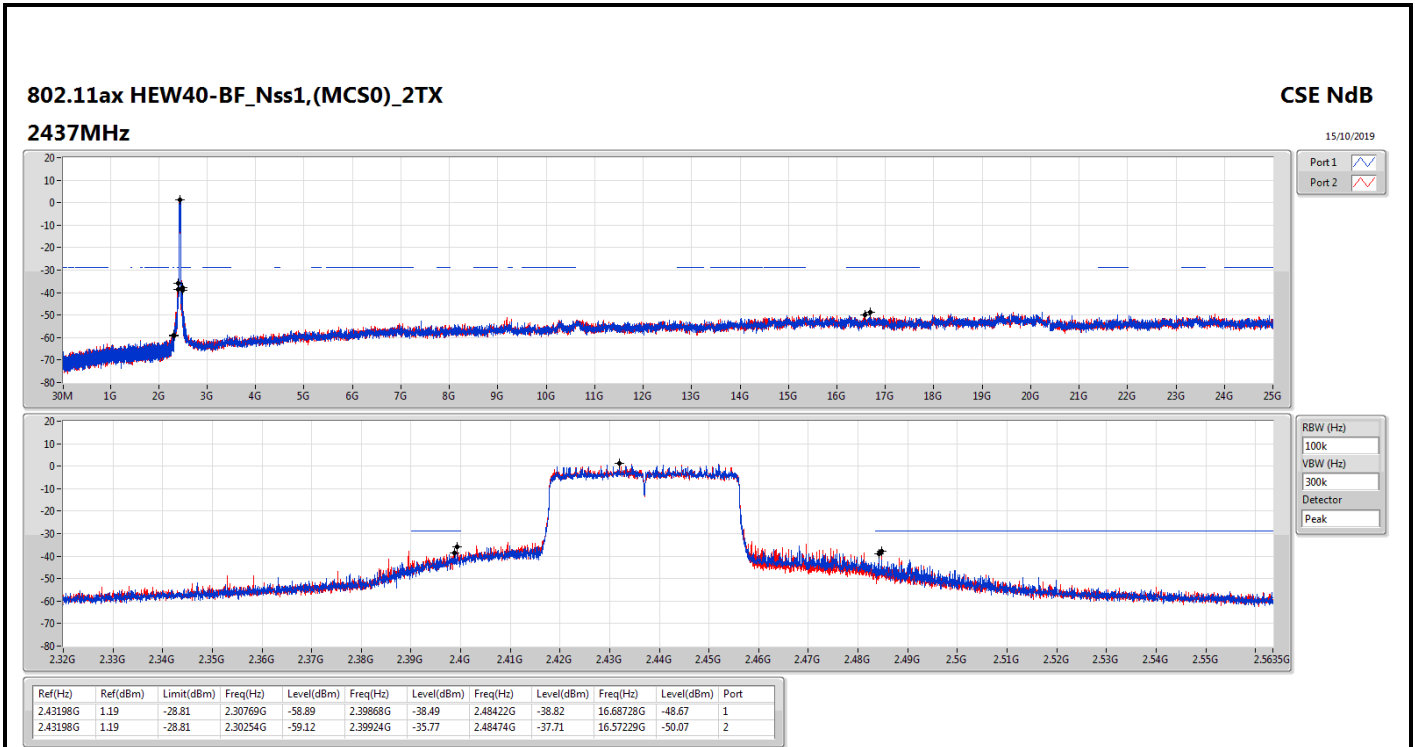














**Summary**

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
VHT20-BF_Nss1,(MCS0)_2TX	Pass	2.4395G	5.98	-24.02	2.3G	-60.35	2.39804G	-39.63	2.49394G	-56.20	16.5966G	-49.14	2
VHT40-BF_Nss1,(MCS0)_2TX	Pass	2.42831G	-0.36	-30.36	2.30597G	-58.99	2.39924G	-43.97	2.4849G	-49.96	24.35495G	-49.99	2
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	Pass	2.43073G	5.88	-24.12	2.3G	-60.08	2.39884G	-38.70	2.49394G	-56.65	15.34072G	-49.83	2
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	Pass	2.43449G	1.79	-28.21	2.30798G	-59.55	2.3992G	-41.70	2.4847G	-46.82	15.26536G	-48.66	2



**CSE(Non-restricted Band)  
Beamforming Sample 2 Radio 3\_Panel 1**

**Appendix E.23**

**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)	Port
VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.4395G	5.98	-24.02	1.92953G	-60.26	2.39978G	-41.61	2.49624G	-56.00	23.39855G	-50.00	1
2412MHz	Pass	2.4395G	5.98	-24.02	2.3G	-60.35	2.39804G	-39.63	2.49394G	-56.20	16.5966G	-49.14	2
2437MHz	Pass	2.4395G	5.98	-24.02	1.94963G	-60.03	2.39604G	-47.82	2.48592G	-46.84	17.6839G	-49.70	1
2437MHz	Pass	2.4395G	5.98	-24.02	2.30495G	-59.46	2.39646G	-47.33	2.48568G	-49.73	23.46317G	-49.53	2
2462MHz	Pass	2.4395G	5.98	-24.02	2.16282G	-61.43	2.39208G	-57.88	2.48426G	-53.20	15.27891G	-48.30	1
2462MHz	Pass	2.4395G	5.98	-24.02	1.96973G	-61.11	2.39396G	-57.19	2.49366G	-53.17	23.57836G	-50.25	2
VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.42831G	-0.36	-30.36	2.30569G	-59.36	2.39892G	-47.10	2.49538G	-55.48	16.86116G	-49.79	1
2422MHz	Pass	2.42831G	-0.36	-30.36	2.30082G	-58.76	2.39768G	-46.49	2.48926G	-56.00	24.52042G	-50.01	2
2437MHz	Pass	2.42831G	-0.36	-30.36	1.6247G	-59.40	2.39952G	-44.45	2.48578G	-49.14	14.98491G	-49.97	1
2437MHz	Pass	2.42831G	-0.36	-30.36	2.30597G	-58.99	2.39924G	-43.97	2.4849G	-49.96	24.35495G	-49.99	2
2452MHz	Pass	2.42831G	-0.36	-30.36	2.10875G	-60.01	2.39792G	-57.17	2.4845G	-50.21	16.74056G	-49.69	1
2452MHz	Pass	2.42831G	-0.36	-30.36	1.63472G	-59.90	2.39328G	-56.67	2.48382G	-51.57	16.76861G	-49.28	2
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43073G	5.88	-24.12	2.30903G	-60.67	2.39886G	-38.85	2.48752G	-57.27	16.3634G	-48.93	1
2412MHz	Pass	2.43073G	5.88	-24.12	2.3G	-60.08	2.39884G	-38.70	2.49394G	-56.65	15.34072G	-49.83	2
2437MHz	Pass	2.43073G	5.88	-24.12	1.94963G	-60.85	2.39984G	-45.52	2.48452G	-47.92	24.48866G	-49.86	1
2437MHz	Pass	2.43073G	5.88	-24.12	2.3035G	-60.13	2.39988G	-45.79	2.48566G	-48.18	16.66684G	-49.85	2
2462MHz	Pass	2.43073G	5.88	-24.12	1.96973G	-59.95	2.3993G	-57.71	2.48408G	-50.64	23.46879G	-49.60	1
2462MHz	Pass	2.43073G	5.88	-24.12	1.96973G	-59.59	2.3997G	-56.32	2.48438G	-51.54	23.38731G	-50.03	2
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43449G	1.79	-28.21	2.30912G	-60.62	2.39852G	-46.31	2.48442G	-55.58	14.94003G	-49.76	1
2422MHz	Pass	2.43449G	1.79	-28.21	2.30368G	-60.45	2.39956G	-44.05	2.48626G	-54.03	15.31024G	-49.31	2
2437MHz	Pass	2.43449G	1.79	-28.21	2.3034G	-60.58	2.39952G	-43.06	2.48422G	-48.44	16.5779G	-48.49	1
2437MHz	Pass	2.43449G	1.79	-28.21	2.30798G	-59.55	2.3992G	-41.70	2.4847G	-46.82	15.26536G	-48.66	2
2452MHz	Pass	2.43449G	1.79	-28.21	2.30941G	-59.19	2.39112G	-55.50	2.4857G	-50.85	24.85416G	-49.46	1
2452MHz	Pass	2.43449G	1.79	-28.21	1.63472G	-58.49	2.39676G	-56.58	2.48586G	-52.03	16.85555G	-49.26	2



