



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	27.07	0.50933
802.11g_Nss1,(6Mbps)_2TX	25.41	0.34754
802.11ax HEW20_Nss1,(MCS0)_2TX	25.03	0.31842
802.11ax HEW40_Nss1,(MCS0)_2TX	21.59	0.14421

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.49	21.54	21.53	24.55	30.00
2437MHz	Pass	2.49	23.96	24.16	27.07	30.00
2457MHz	Pass	2.49	21.42	21.46	24.45	30.00
2462MHz	Pass	2.49	21.04	20.89	23.98	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.49	19.20	19.33	22.28	30.00
2417MHz	Pass	2.49	20.06	20.18	23.13	30.00
2437MHz	Pass	2.49	22.24	22.55	25.41	30.00
2457MHz	Pass	2.49	19.13	19.21	22.18	30.00
2462MHz	Pass	2.49	18.27	18.31	21.30	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.49	18.99	18.91	21.96	30.00
2417MHz	Pass	2.49	19.34	19.37	22.37	30.00
2437MHz	Pass	2.49	21.97	22.06	25.03	30.00
2457MHz	Pass	2.49	20.00	19.91	22.97	30.00
2462MHz	Pass	2.49	17.16	17.09	20.14	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	2.49	17.91	18.03	20.98	30.00
2437MHz	Pass	2.49	18.53	18.63	21.59	30.00
2452MHz	Pass	2.49	17.05	17.06	20.07	30.00

DG = Directional Gain; Port X = Port X output power



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.73	0.14894
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	20.78	0.11967

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.88	18.65	18.47	21.57	30.00
2437MHz	Pass	4.88	18.96	18.47	21.73	30.00
2462MHz	Pass	4.88	19.09	18.29	21.72	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.88	17.81	17.42	20.63	30.00
2437MHz	Pass	4.88	17.90	17.64	20.78	30.00
2452MHz	Pass	4.88	17.95	17.42	20.70	30.00

DG = Directional Gain; Port X = Port X output power



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_4TX	29.92	0.98175
802.11g_Nss1,(6Mbps)_4TX	28.28	0.67298
802.11ax HEW20_Nss1,(MCS0)_4TX	27.62	0.57810
802.11ax HEW40_Nss1,(MCS0)_4TX	24.32	0.27040

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	2.49	21.54	21.57	21.59	21.56	27.59	30.00
2437MHz	Pass	2.49	23.76	23.65	24.19	23.97	29.92	30.00
2462MHz	Pass	2.49	21.07	20.91	21.02	21.00	27.02	30.00
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	2.49	18.09	18.39	18.38	18.13	24.27	30.00
2417MHz	Pass	2.49	19.46	19.70	19.86	19.60	25.68	30.00
2437MHz	Pass	2.49	21.86	22.14	22.57	22.42	28.28	30.00
2457MHz	Pass	2.49	19.71	19.73	19.81	19.84	25.79	30.00
2462MHz	Pass	2.49	18.31	18.37	18.42	18.24	24.36	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	2.49	18.48	18.31	18.42	18.47	24.44	30.00
2417MHz	Pass	2.49	19.42	19.37	19.34	19.38	25.40	30.00
2437MHz	Pass	2.49	21.37	21.59	21.84	21.57	27.62	30.00
2457MHz	Pass	2.49	18.51	18.53	18.43	18.50	24.51	30.00
2462MHz	Pass	2.49	18.19	18.05	17.97	17.94	24.06	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	2.49	17.94	18.05	18.23	18.10	24.10	30.00
2437MHz	Pass	2.49	18.01	18.11	18.55	18.49	24.32	30.00
2452MHz	Pass	2.49	15.58	15.53	15.72	15.83	21.69	30.00

DG = Directional Gain; Port X = Port X output power



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	24.91	0.30974
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	24.26	0.26669

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	6.83	19.12	19.18	17.89	17.94	24.60	29.17
2437MHz	Pass	6.83	19.52	19.41	18.39	18.07	24.91	29.17
2462MHz	Pass	6.83	19.58	19.46	18.15	18.05	24.89	29.17
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	6.83	18.12	18.06	17.78	17.13	23.81	29.17
2437MHz	Pass	6.83	18.64	18.38	18.42	17.41	24.26	29.17
2452MHz	Pass	6.83	18.51	18.35	17.05	17.13	23.83	29.17

DG = Directional Gain; Port X = Port X output power



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	23.63	0.23067
802.11g_Nss1,(6Mbps)_1TX	22.58	0.18113
802.11ax HEW20_Nss1,(MCS0)_1TX	22.18	0.16520
802.11ax HEW40_Nss1,(MCS0)_1TX	19.11	0.08147

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	5.99	21.66	21.66	30.00
2417MHz	Pass	5.99	21.38	21.38	30.00
2437MHz	Pass	5.99	23.63	23.63	30.00
2457MHz	Pass	5.99	21.44	21.44	30.00
2462MHz	Pass	5.99	21.16	21.16	30.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	5.99	18.67	18.67	30.00
2417MHz	Pass	5.99	19.61	19.61	30.00
2437MHz	Pass	5.99	22.58	22.58	30.00
2457MHz	Pass	5.99	19.54	19.54	30.00
2462MHz	Pass	5.99	18.86	18.86	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	5.99	18.50	18.50	30.00
2417MHz	Pass	5.99	19.52	19.52	30.00
2437MHz	Pass	5.99	22.18	22.18	30.00
2457MHz	Pass	5.99	19.00	19.00	30.00
2462MHz	Pass	5.99	18.02	18.02	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	5.99	18.01	18.01	30.00
2437MHz	Pass	5.99	19.11	19.11	30.00
2452MHz	Pass	5.99	17.57	17.57	30.00

DG = Directional Gain; Port X = Port X output power



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	26.48	0.44463
802.11g_Nss1,(6Mbps)_2TX	25.36	0.34356
802.11ax HEW20_Nss1,(MCS0)_2TX	24.98	0.31477
802.11ax HEW40_Nss1,(MCS0)_2TX	21.46	0.13996

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.59	20.98	21.14	24.07	29.41
2437MHz	Pass	6.59	23.36	23.57	26.48	29.41
2462MHz	Pass	6.59	20.58	20.72	23.66	29.41
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.59	18.16	18.32	21.25	29.41
2417MHz	Pass	6.59	19.06	19.12	22.10	29.41
2437MHz	Pass	6.59	22.28	22.42	25.36	29.41
2457MHz	Pass	6.59	18.49	18.65	21.58	29.41
2462MHz	Pass	6.59	17.26	17.36	20.32	29.41
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.59	17.75	17.86	20.82	29.41
2417MHz	Pass	6.59	19.31	19.32	22.33	29.41
2437MHz	Pass	6.59	21.87	22.07	24.98	29.41
2457MHz	Pass	6.59	18.72	18.86	21.80	29.41
2462MHz	Pass	6.59	17.69	17.98	20.85	29.41
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	6.59	17.78	17.70	20.75	29.41
2437MHz	Pass	6.59	18.33	18.56	21.46	29.41
2447MHz	Pass	6.59	16.33	16.48	19.42	29.41
2452MHz	Pass	6.59	15.20	15.37	18.30	29.41

DG = Directional Gain; Port X = Port X output power



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.76	0.14997
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.13	0.12972

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	10.62	18.28	18.28	21.29	25.38
2437MHz	Pass	10.62	19.13	18.33	21.76	25.38
2457MHz	Pass	10.62	18.96	18.19	21.60	25.38
2462MHz	Pass	10.62	18.02	17.19	20.64	25.38
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	10.62	17.98	17.92	20.96	25.38
2437MHz	Pass	10.62	18.51	17.69	21.13	25.38
2447MHz	Pass	10.62	17.79	17.50	20.66	25.38
2452MHz	Pass	10.62	16.71	16.03	19.39	25.38

DG = Directional Gain; **Port X** = Port X output power



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_4TX	28.42	0.69502
802.11g_Nss1,(6Mbps)_4TX	27.32	0.53951
802.11ax HEW20_Nss1,(MCS0)_4TX	27.39	0.54828
802.11ax HEW40_Nss1,(MCS0)_4TX	23.30	0.21380

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	6.59	20.62	20.56	20.34	19.66	26.33	29.41
2437MHz	Pass	6.59	22.51	22.63	22.40	22.03	28.42	29.41
2462MHz	Pass	6.59	20.27	20.13	19.88	19.68	26.02	29.41
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	6.59	18.19	18.37	17.91	17.41	24.01	29.41
2417MHz	Pass	6.59	18.70	18.77	18.33	17.97	24.47	29.41
2437MHz	Pass	6.59	21.33	21.56	21.42	20.85	27.32	29.41
2457MHz	Pass	6.59	17.66	17.47	17.55	17.38	23.54	29.41
2462MHz	Pass	6.59	16.81	16.84	16.64	16.06	22.62	29.41
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	6.59	17.38	17.36	16.77	16.46	23.03	29.41
2417MHz	Pass	6.59	19.01	19.04	18.61	18.38	24.79	29.41
2437MHz	Pass	6.59	21.62	21.61	21.31	20.92	27.39	29.41
2457MHz	Pass	6.59	17.62	17.41	17.32	17.45	23.47	29.41
2462MHz	Pass	6.59	15.00	14.97	14.44	14.36	20.72	29.41
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	6.59	16.81	16.85	16.27	16.19	22.56	29.41
2437MHz	Pass	6.59	17.31	17.52	17.27	17.02	23.30	29.41
2447MHz	Pass	6.59	13.41	13.42	13.12	12.91	19.24	29.41
2452MHz	Pass	6.59	12.78	12.86	12.57	12.23	18.64	29.41

DG = Directional Gain; Port X = Port X output power



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	22.33	0.17100
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	22.23	0.16711

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	13.18	17.11	16.70	15.14	15.14	22.14	22.82
2437MHz	Pass	13.18	17.54	16.49	15.33	15.49	22.33	22.82
2457MHz	Pass	13.18	16.30	16.92	15.34	15.08	21.99	22.82
2462MHz	Pass	13.18	15.55	14.08	13.14	13.24	20.14	22.82
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	13.18	15.97	15.08	13.73	14.01	20.81	22.82
2437MHz	Pass	13.18	17.10	16.91	15.16	15.29	22.23	22.82
2447MHz	Pass	13.18	14.58	14.89	14.05	12.93	20.19	22.82
2452MHz	Pass	13.18	14.10	13.88	12.04	12.20	19.18	22.82

DG = Directional Gain; Port X = Port X output power



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	22.67	0.18493
802.11g_Nss1,(6Mbps)_1TX	22.17	0.16482
802.11ax HEW20_Nss1,(MCS0)_1TX	21.52	0.14191
802.11ax HEW40_Nss1,(MCS0)_1TX	18.17	0.06561

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	10.19	20.96	20.96	25.81
2437MHz	Pass	10.19	22.67	22.67	25.81
2462MHz	Pass	10.19	20.19	20.19	25.81
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	10.19	18.07	18.07	25.81
2417MHz	Pass	10.19	19.03	19.03	25.81
2437MHz	Pass	10.19	22.17	22.17	25.81
2457MHz	Pass	10.19	18.49	18.49	25.81
2462MHz	Pass	10.19	17.62	17.62	25.81
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	10.19	18.20	18.20	25.81
2417MHz	Pass	10.19	19.09	19.09	25.81
2437MHz	Pass	10.19	21.52	21.52	25.81
2457MHz	Pass	10.19	18.59	18.59	25.81
2462MHz	Pass	10.19	17.11	17.11	25.81
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	10.19	17.65	17.65	25.81
2437MHz	Pass	10.19	18.17	18.17	25.81
2452MHz	Pass	10.19	16.04	16.04	25.81

DG = Directional Gain; Port X = Port X output power



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	24.86	0.30620
802.11g_Nss1,(6Mbps)_2TX	24.87	0.30690
802.11ax HEW20_Nss1,(MCS0)_2TX	24.25	0.26607
802.11ax HEW40_Nss1,(MCS0)_2TX	19.95	0.09886

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	10.79	20.02	20.13	23.09	25.21
2437MHz	Pass	10.79	21.65	22.04	24.86	25.21
2457MHz	Pass	10.79	20.60	20.67	23.65	25.21
2462MHz	Pass	10.79	19.69	19.75	22.73	25.21
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	10.79	17.05	17.04	20.06	25.21
2417MHz	Pass	10.79	18.03	18.11	21.08	25.21
2437MHz	Pass	10.79	21.77	21.94	24.87	25.21
2457MHz	Pass	10.79	18.04	18.20	21.13	25.21
2462MHz	Pass	10.79	16.67	16.61	19.65	25.21
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	10.79	16.65	16.77	19.72	25.21
2417MHz	Pass	10.79	17.62	17.81	20.73	25.21
2437MHz	Pass	10.79	21.10	21.37	24.25	25.21
2457MHz	Pass	10.79	17.62	17.83	20.74	25.21
2462MHz	Pass	10.79	15.57	15.79	18.69	25.21
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	10.79	15.99	16.03	19.02	25.21
2437MHz	Pass	10.79	16.75	17.12	19.95	25.21
2452MHz	Pass	10.79	14.03	14.19	17.12	25.21

DG = Directional Gain; Port X = Port X output power



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.67	0.14689
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	19.36	0.08630

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	13.87	17.53	17.08	20.32	22.13
2417MHz	Pass	13.87	18.63	18.16	21.41	22.13
2437MHz	Pass	13.87	18.82	18.49	21.67	22.13
2457MHz	Pass	13.87	18.81	18.06	21.46	22.13
2462MHz	Pass	13.87	16.87	16.04	19.49	22.13
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	13.87	15.58	14.69	18.17	22.13
2437MHz	Pass	13.87	16.56	16.12	19.36	22.13
2452MHz	Pass	13.87	15.95	14.97	18.50	22.13

DG = Directional Gain; **Port X** = Port X output power



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_4TX	24.93	0.31117
802.11g_Nss1,(6Mbps)_4TX	24.78	0.30061
802.11ax HEW20_Nss1,(MCS0)_4TX	24.77	0.29992
802.11ax HEW40_Nss1,(MCS0)_4TX	22.71	0.18664

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	10.79	19.16	19.11	18.70	18.22	24.83	25.21
2437MHz	Pass	10.79	18.84	18.92	18.70	18.39	24.74	25.21
2462MHz	Pass	10.79	19.15	19.12	18.92	18.40	24.93	25.21
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	10.79	16.72	16.79	16.40	15.90	22.49	25.21
2417MHz	Pass	10.79	17.70	17.80	17.28	16.86	23.45	25.21
2437MHz	Pass	10.79	18.72	19.06	18.83	18.39	24.78	25.21
2457MHz	Pass	10.79	17.24	17.27	17.07	16.60	23.07	25.21
2462MHz	Pass	10.79	15.15	15.33	15.00	14.70	21.07	25.21
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	10.79	16.27	16.36	15.76	15.32	21.97	25.21
2417MHz	Pass	10.79	16.99	16.85	16.17	16.00	22.54	25.21
2437MHz	Pass	10.79	19.03	18.97	18.61	18.35	24.77	25.21
2457MHz	Pass	10.79	16.86	16.80	16.61	16.15	22.63	25.21
2462MHz	Pass	10.79	13.73	13.89	13.15	13.06	19.49	25.21
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	10.79	14.57	14.62	14.12	13.85	20.32	25.21
2437MHz	Pass	10.79	16.84	16.85	16.57	16.47	22.71	25.21
2447MHz	Pass	10.79	12.70	12.96	12.63	12.19	18.65	25.21
2452MHz	Pass	10.79	11.50	11.75	11.62	11.31	17.57	25.21

DG = Directional Gain; Port X = Port X output power



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	19.18	0.08279
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	19.13	0.08185

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	16.76	14.06	13.87	12.05	12.26	19.18	19.24
2417MHz	Pass	16.76	14.10	13.30	12.12	12.22	19.03	19.24
2437MHz	Pass	16.76	13.14	13.12	11.62	11.74	18.49	19.24
2457MHz	Pass	16.76	13.57	13.34	12.19	12.17	18.89	19.24
2462MHz	Pass	16.76	12.40	12.37	11.25	11.49	17.93	19.24
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	16.76	12.95	12.45	11.37	10.44	17.93	19.24
2437MHz	Pass	16.76	14.09	13.42	12.25	12.40	19.13	19.24
2452MHz	Pass	16.76	11.95	12.85	11.96	11.09	18.03	19.24

DG = Directional Gain; Port X = Port X output power



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX	-5.96
802.11g_Nss1,(6Mbps)_1TX	-7.46
802.11ax HEW20_Nss1,(MCS0)_1TX	-10.19
802.11ax HEW40_Nss1,(MCS0)_1TX	-15.67

RBW=3 kHz.

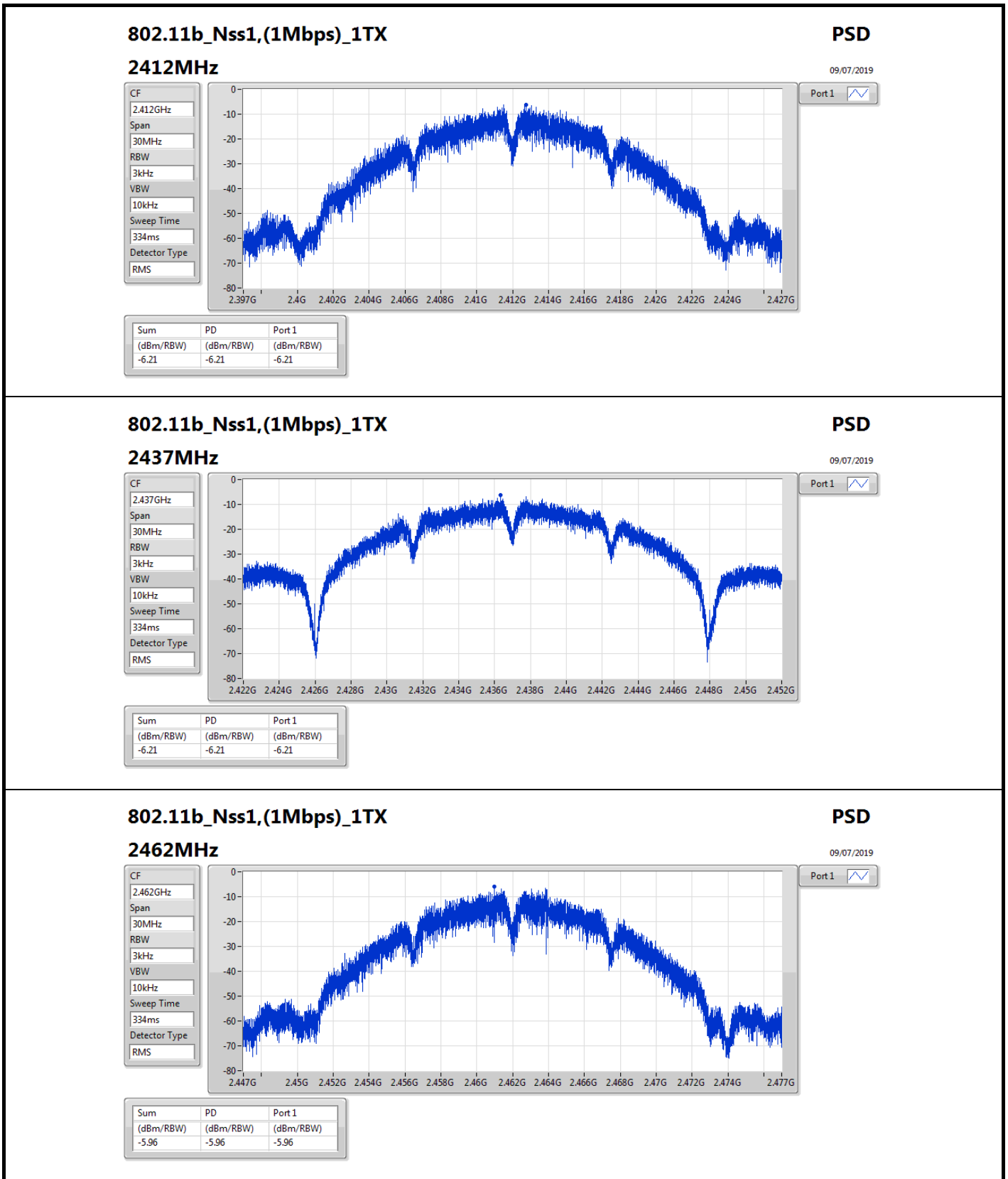


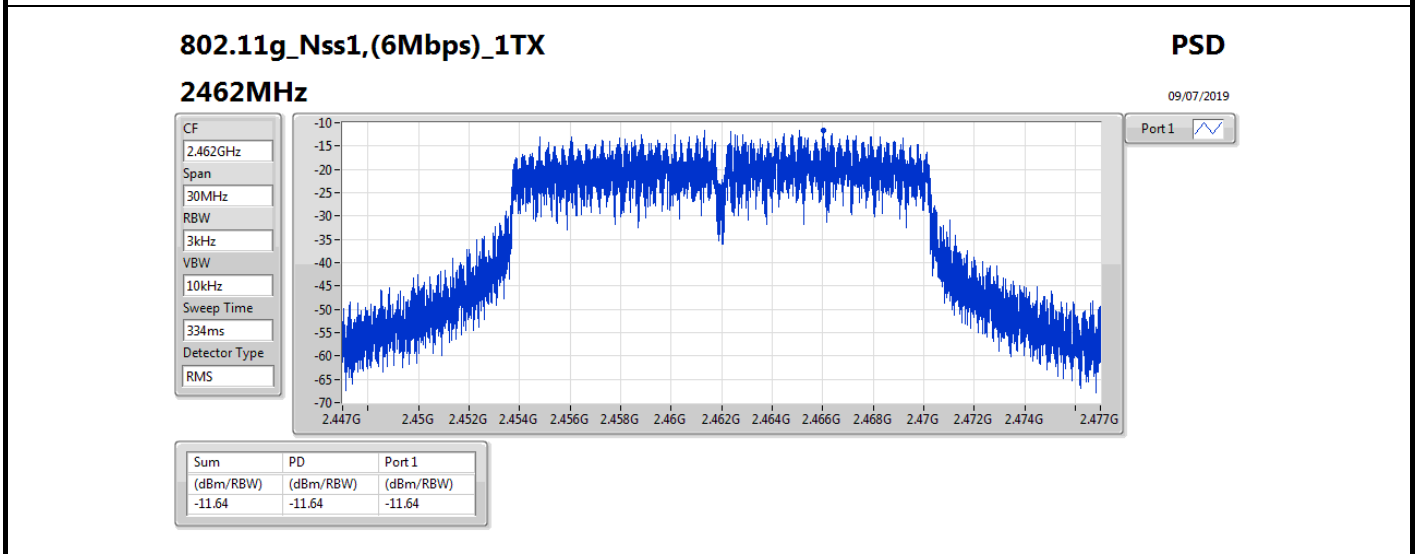
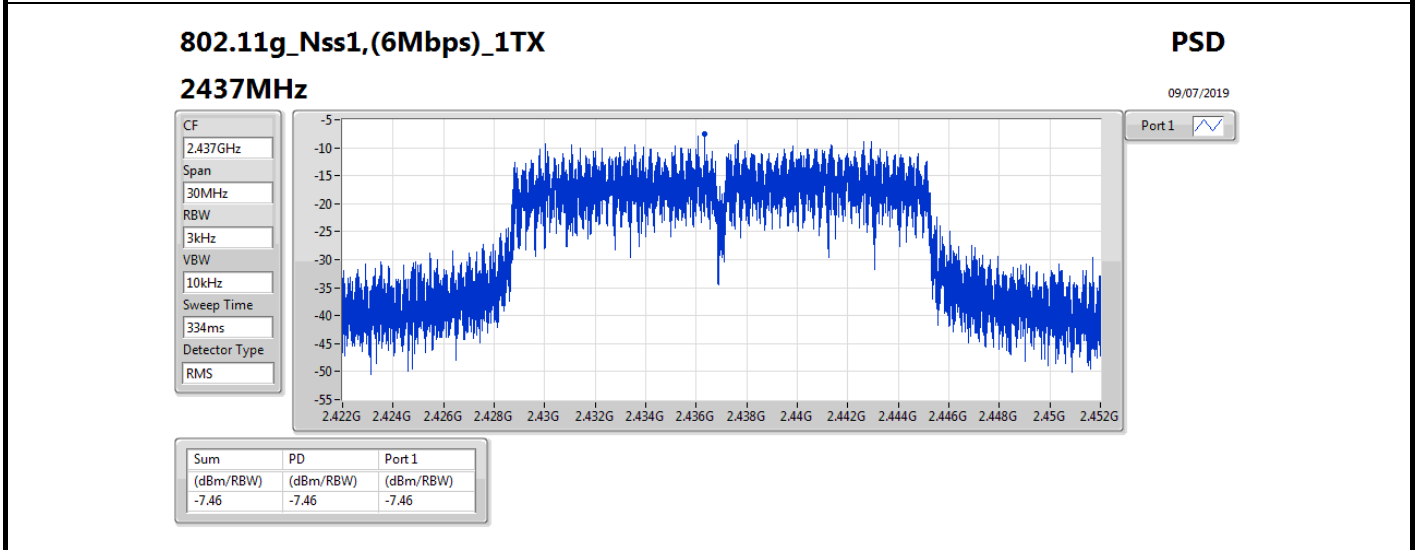
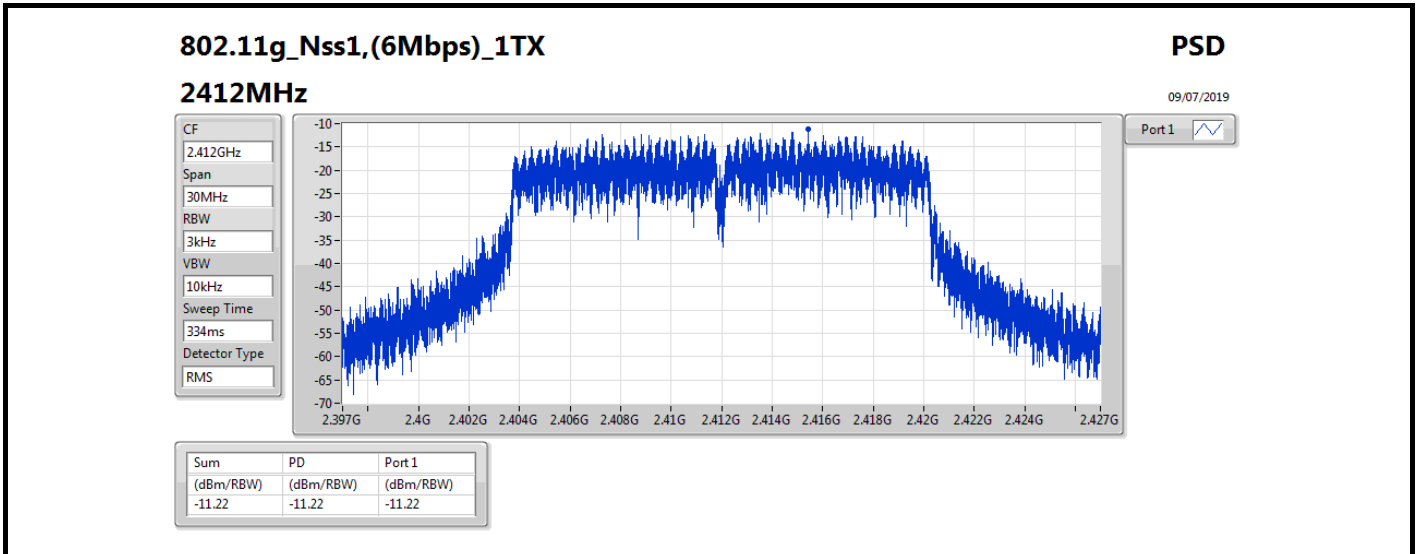
Result

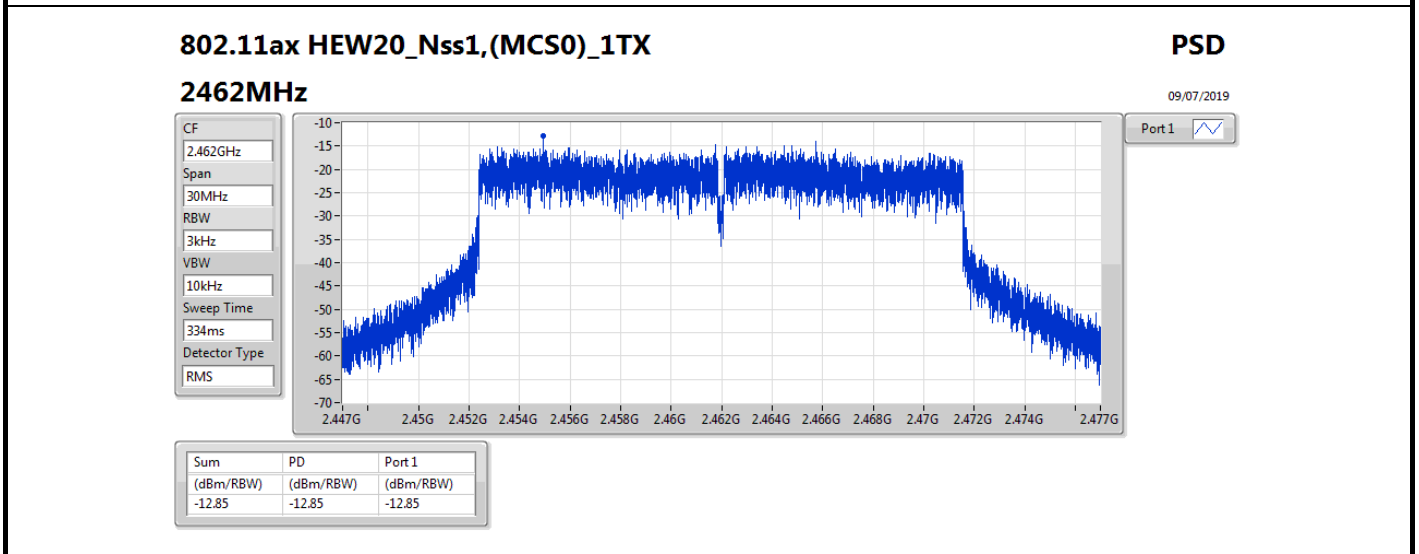
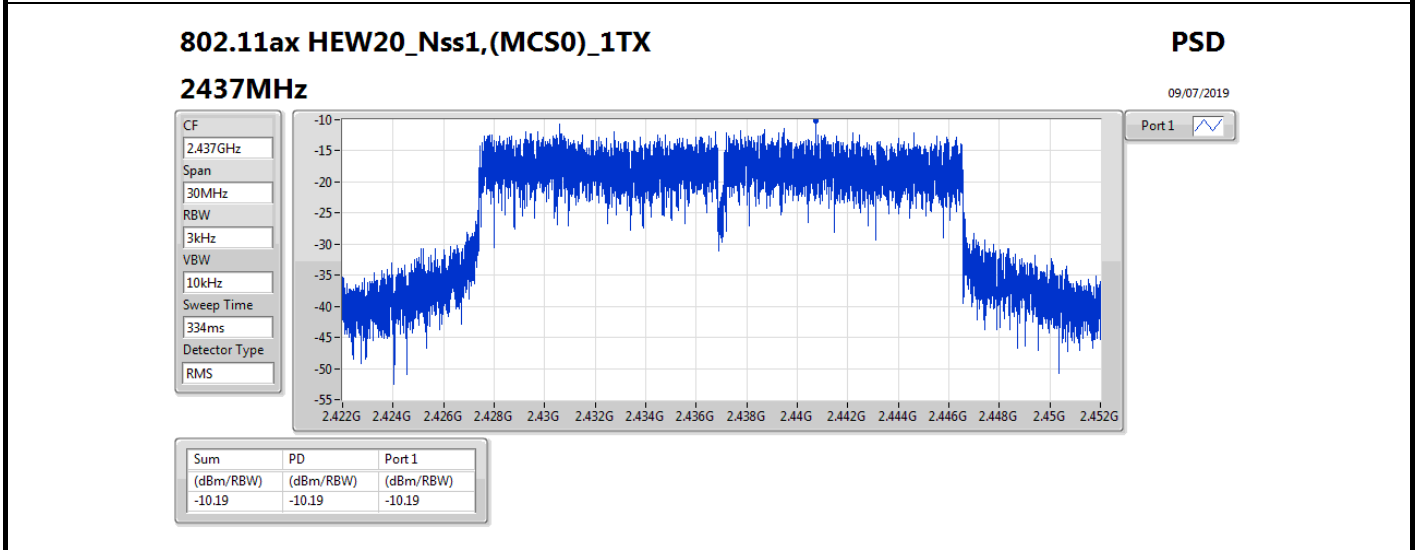
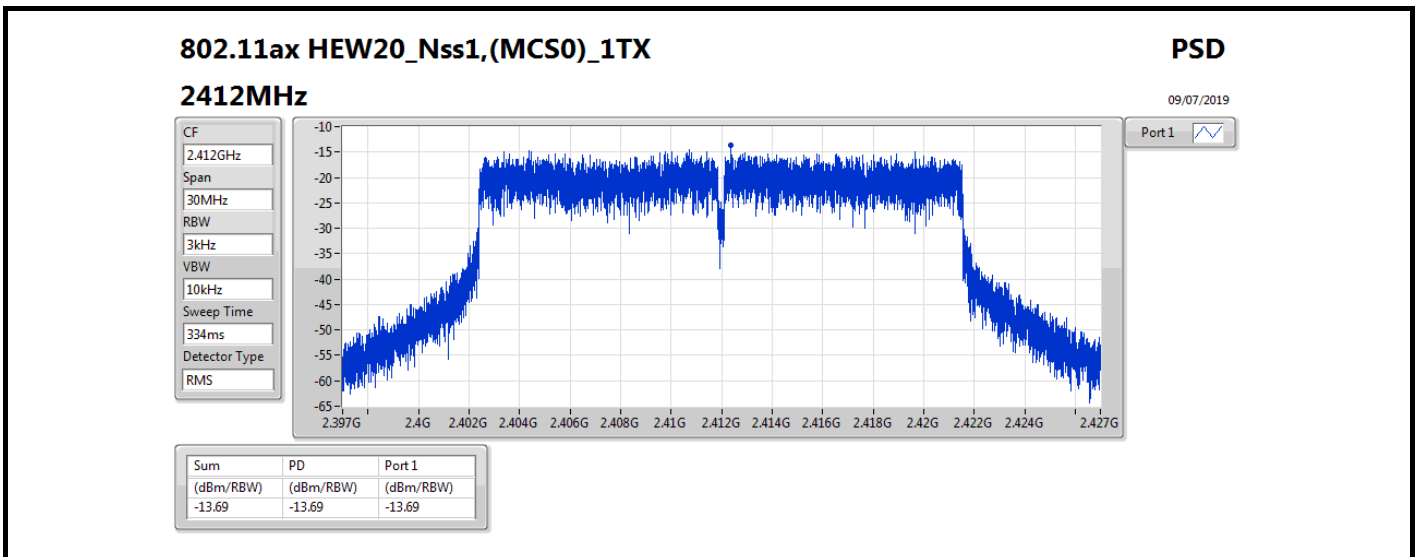
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	2.79	-6.21	-6.21	8.00
2437MHz	Pass	2.79	-6.21	-6.21	8.00
2462MHz	Pass	2.79	-5.96	-5.96	8.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	2.79	-11.22	-11.22	8.00
2437MHz	Pass	2.79	-7.46	-7.46	8.00
2462MHz	Pass	2.79	-11.64	-11.64	8.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	2.79	-13.69	-13.69	8.00
2437MHz	Pass	2.79	-10.19	-10.19	8.00
2462MHz	Pass	2.79	-12.85	-12.85	8.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	2.79	-16.80	-16.80	8.00
2437MHz	Pass	2.79	-15.67	-15.67	8.00
2452MHz	Pass	2.79	-16.97	-16.97	8.00

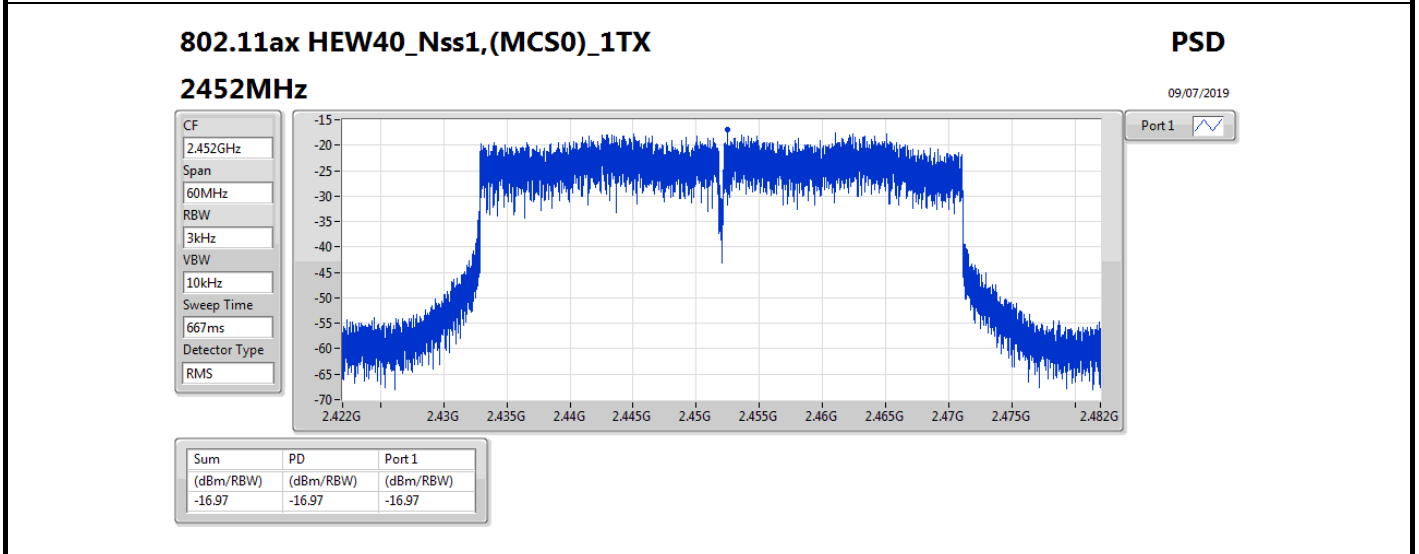
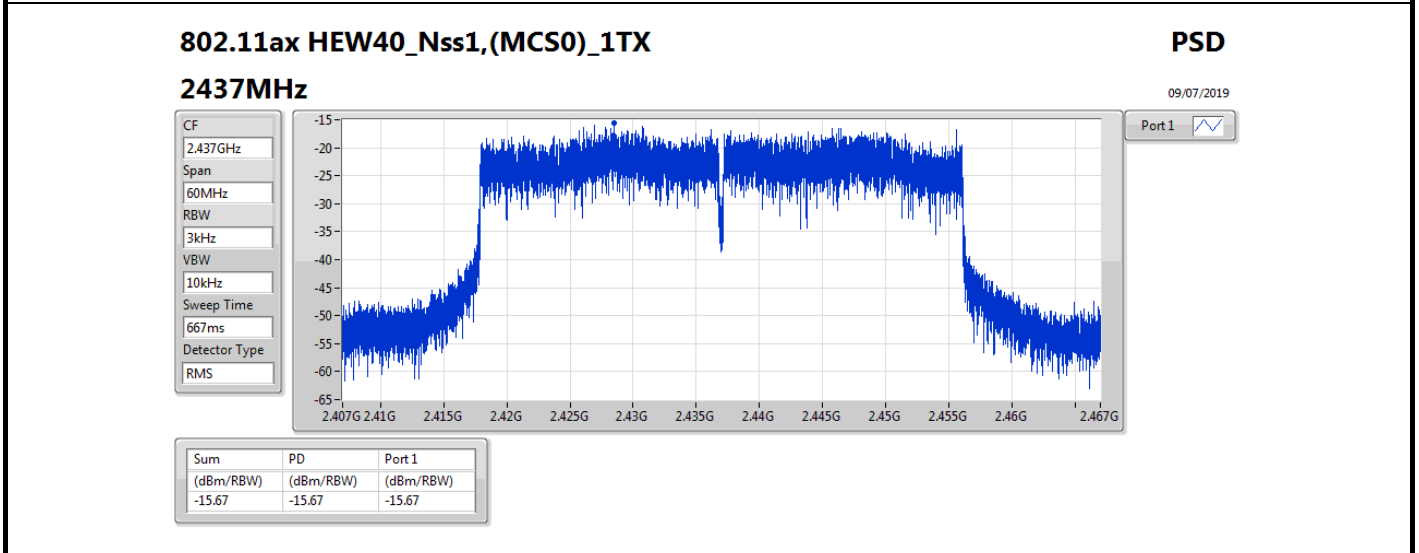
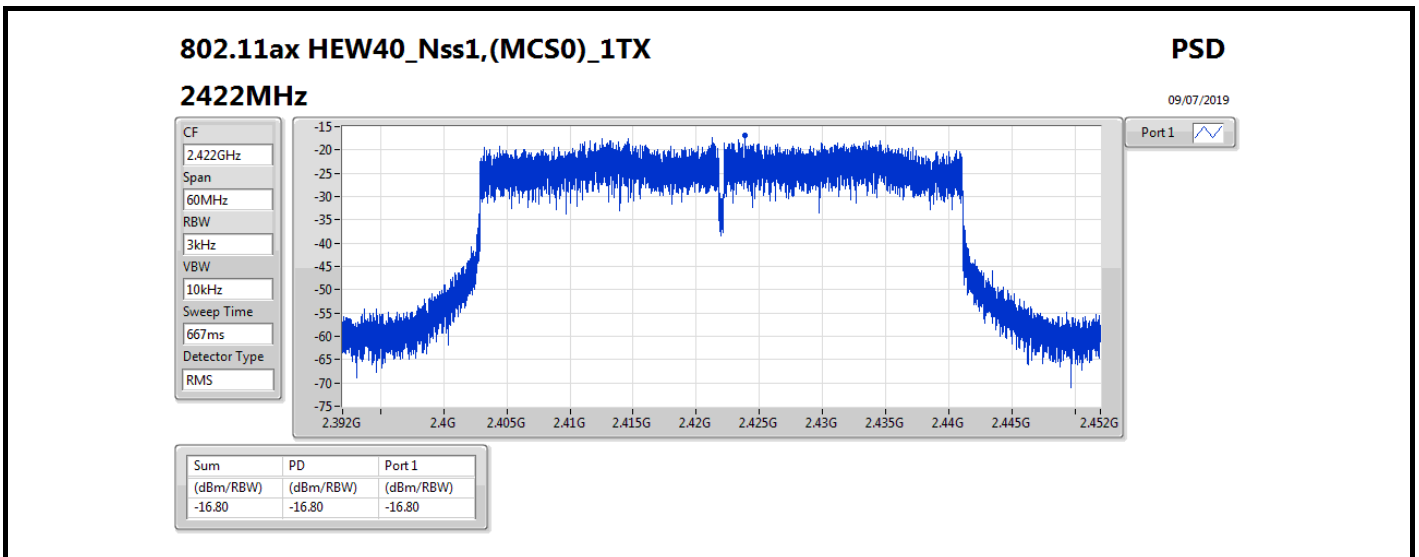
DG = Directional Gain; RBW=3 kHz;

PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;











Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	-2.45
802.11g_Nss1,(6Mbps)_2TX	-5.33
802.11ax HEW20_Nss1,(MCS0)_2TX	-9.06
802.11ax HEW40_Nss1,(MCS0)_2TX	-15.74

RBW=3 kHz.

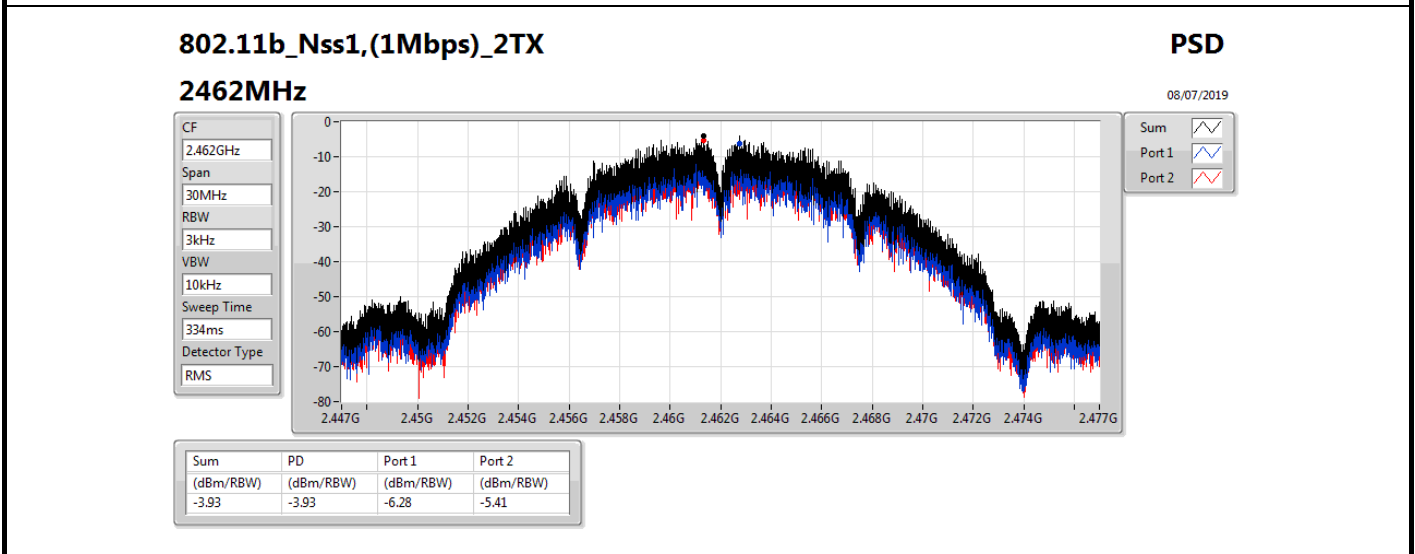
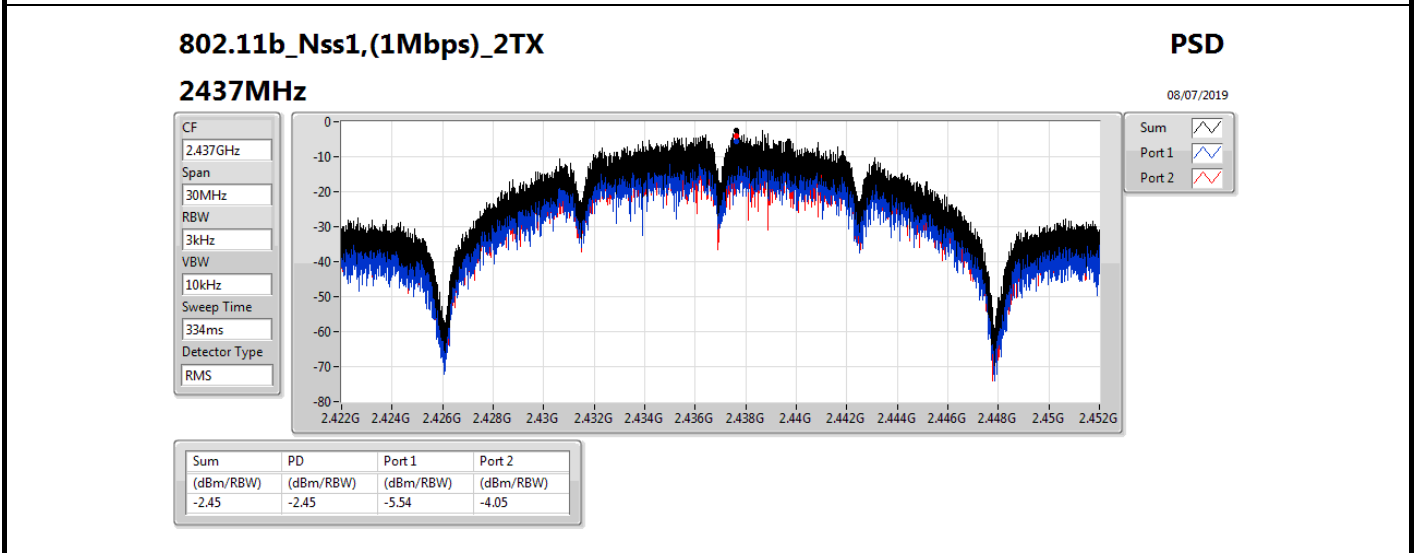
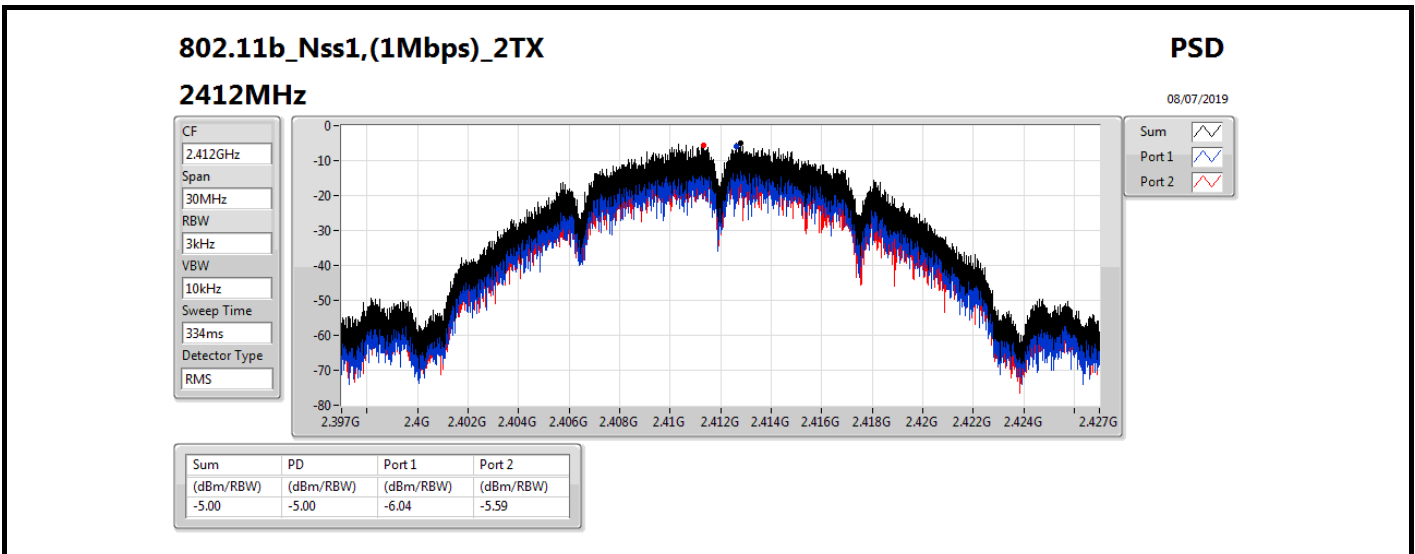


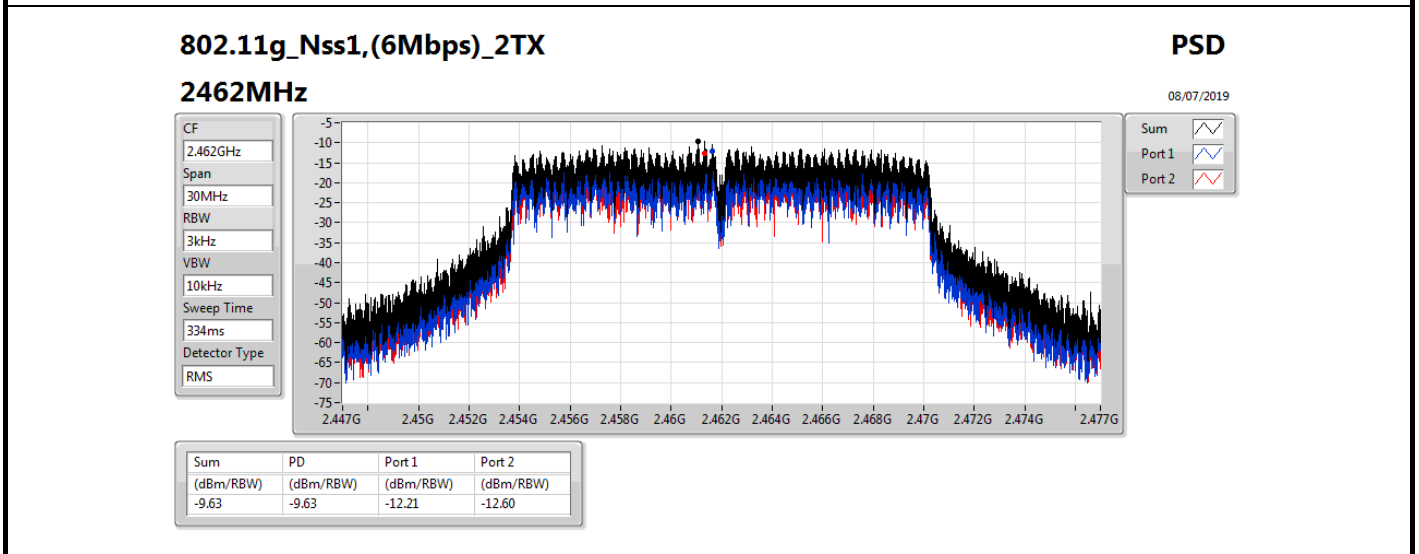
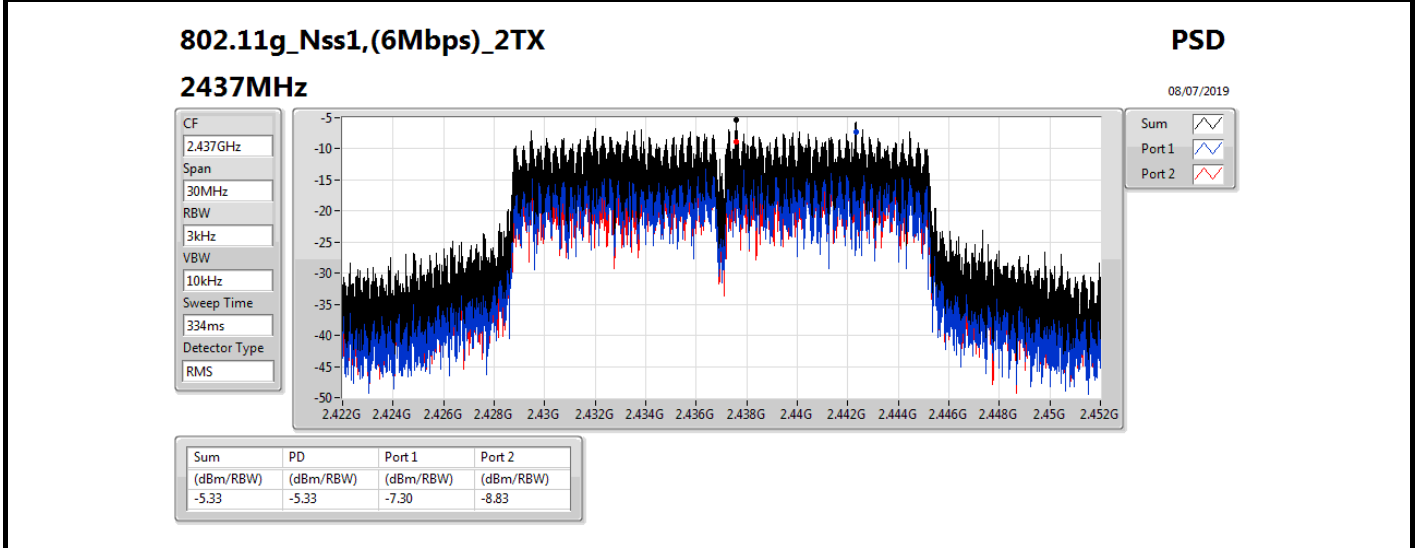
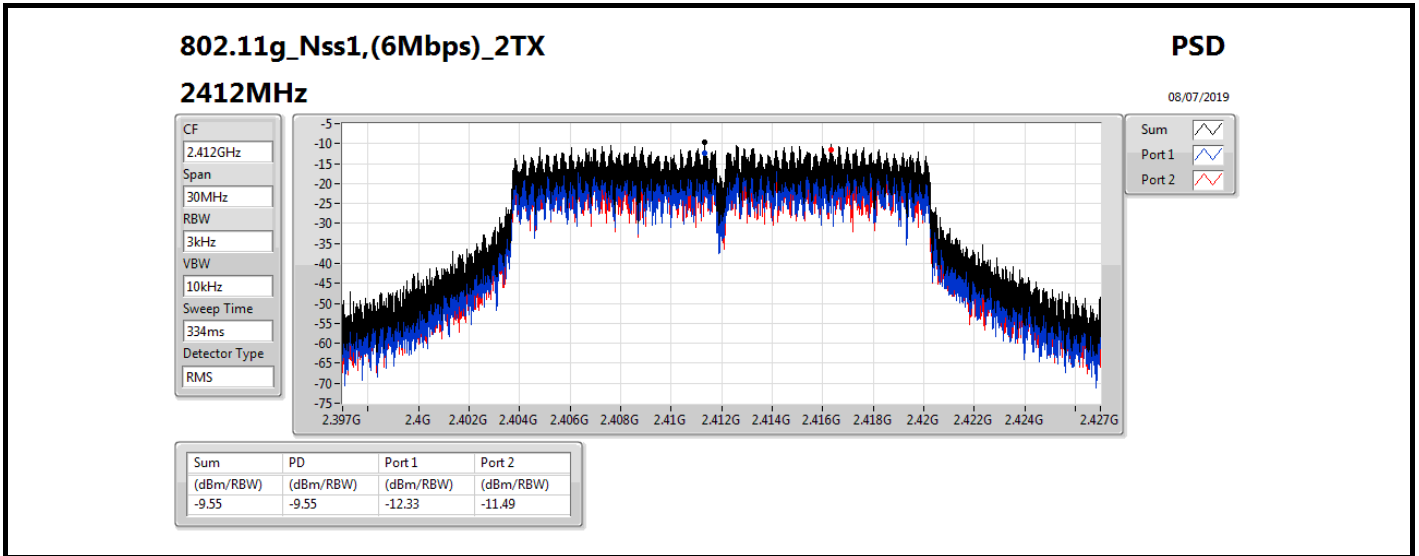
Result

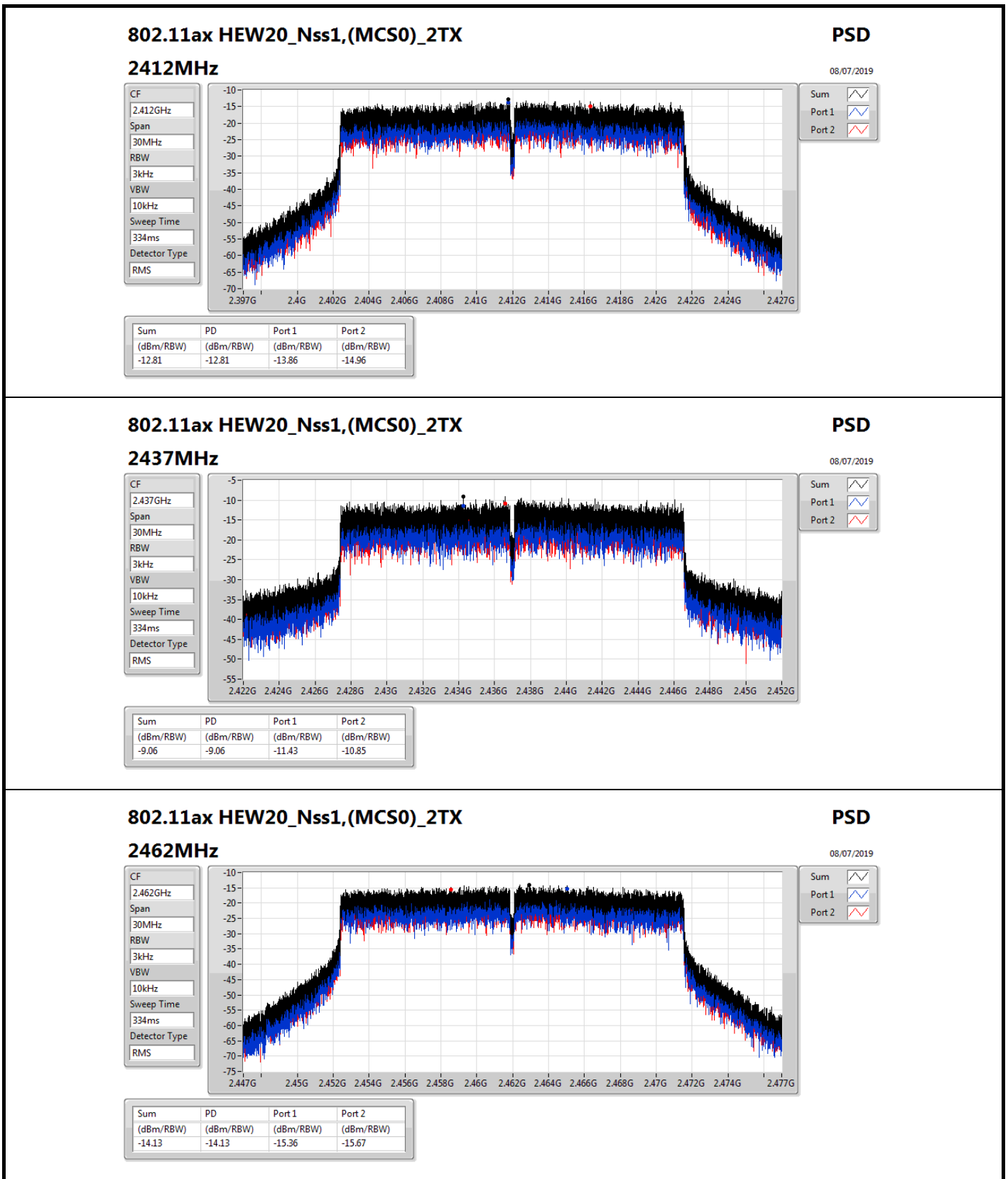
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.59	-6.04	-5.59	-5.00	8.00
2437MHz	Pass	3.59	-5.54	-4.05	-2.45	8.00
2462MHz	Pass	3.59	-6.28	-5.41	-3.93	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.59	-12.33	-11.49	-9.55	8.00
2437MHz	Pass	3.59	-7.30	-8.83	-5.33	8.00
2462MHz	Pass	3.59	-12.21	-12.60	-9.63	8.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.59	-13.86	-14.96	-12.81	8.00
2437MHz	Pass	3.59	-11.43	-10.85	-9.06	8.00
2462MHz	Pass	3.59	-15.36	-15.67	-14.13	8.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	3.59	-18.42	-18.68	-16.79	8.00
2437MHz	Pass	3.59	-16.71	-17.02	-15.74	8.00
2452MHz	Pass	3.59	-18.73	-19.77	-17.87	8.00

DG = Directional Gain; RBW=3 kHz;

PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X power density;







802.11ax HEW20_Nss1,(MCS0)_2TX

2462MHz

PSD

08/07/2019

CF
2.462GHz

Span
30MHz

RBW
3kHz

VBW
10kHz

Sweep Time
334ms

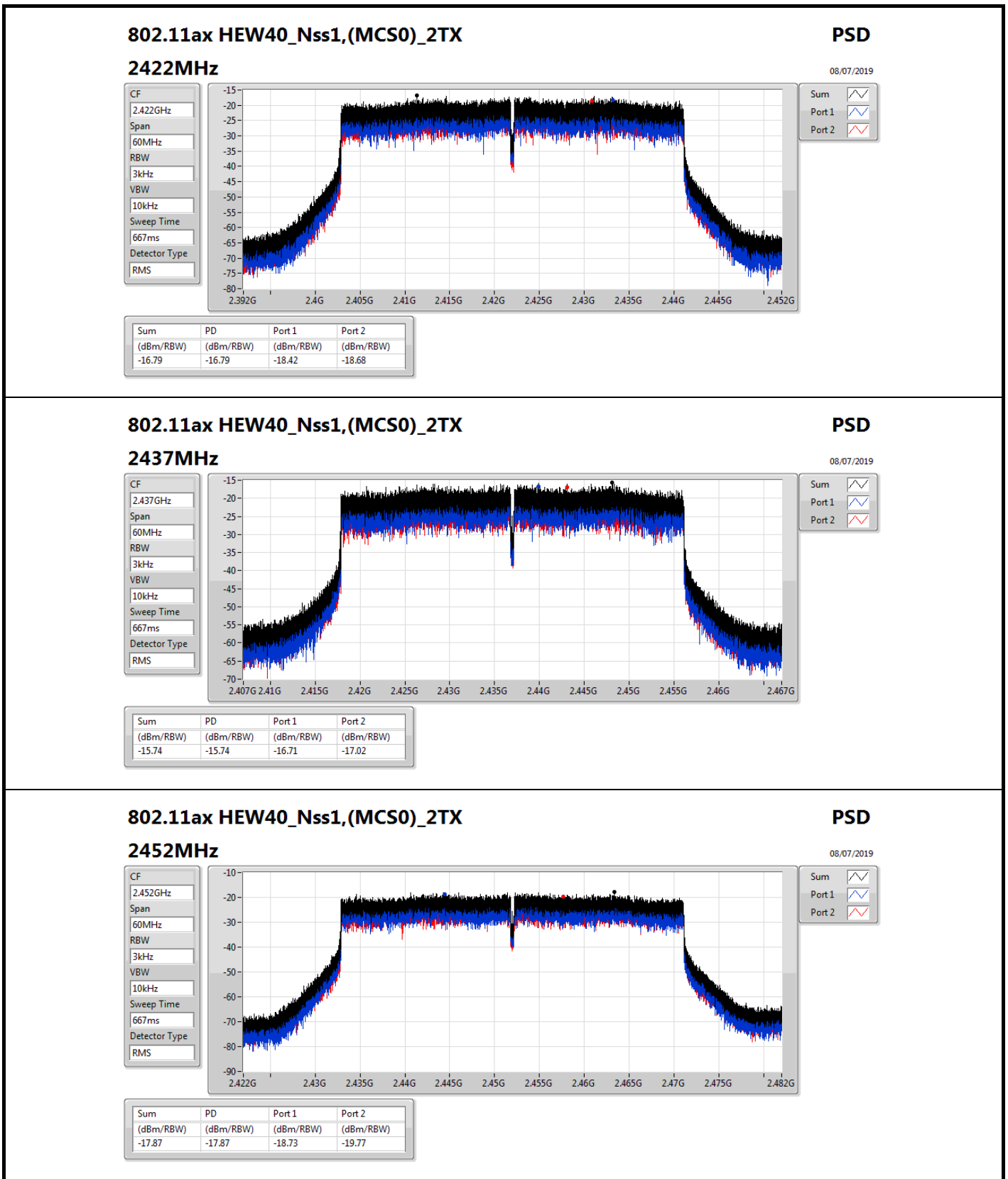
Detector Type
RMS



Sum 

Port 1 

Port 2 



802.11ax HEW40_Nss1,(MCS0)_2TX

2452MHz

PSD

08/07/2019

CF
2.452GHz

Span
60MHz

RBW
3kHz

VBW
10kHz

Sweep Time
667ms

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-17.87	-17.87	-18.73	-19.77



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-2.22
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-3.39

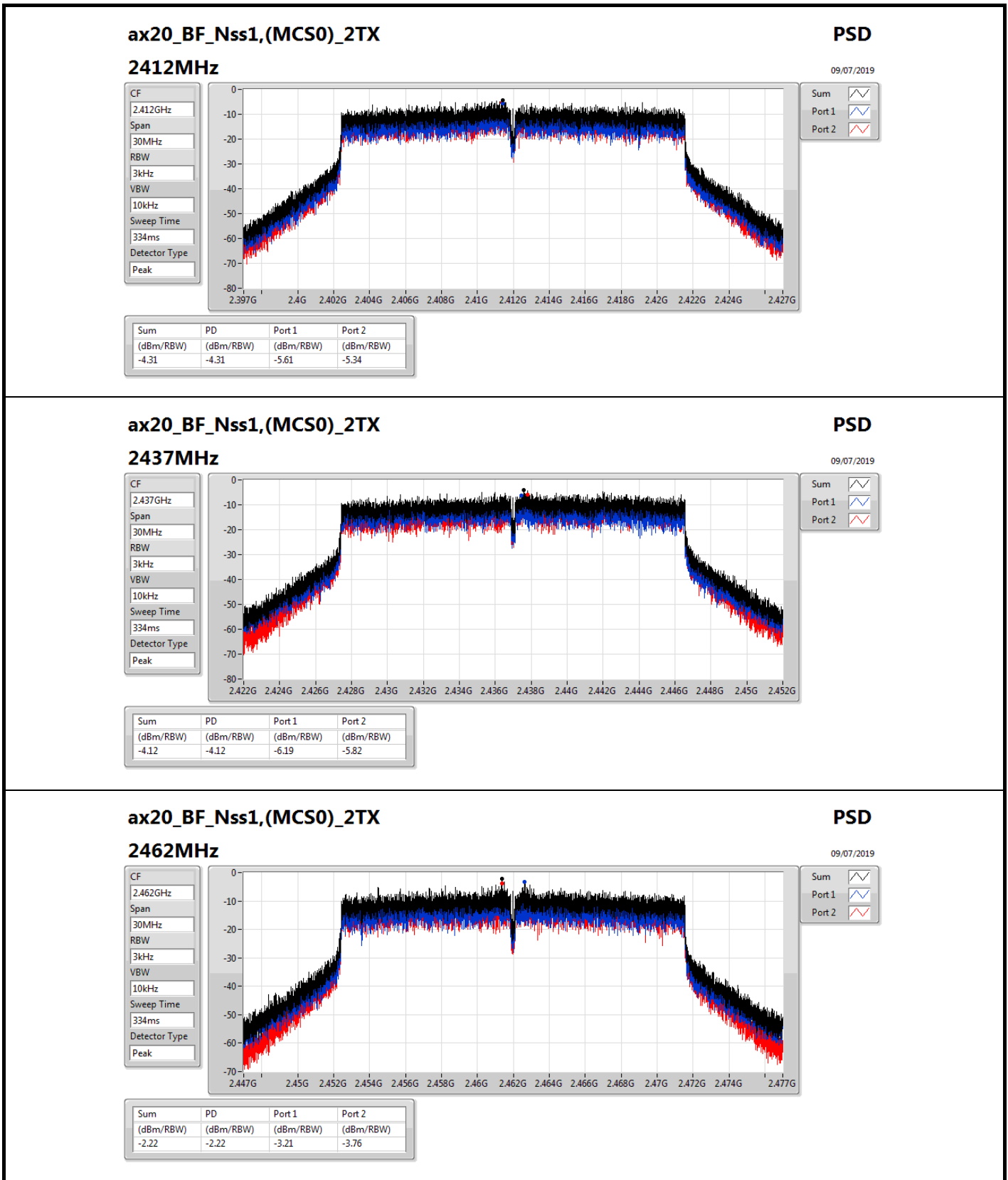
RBW=3 kHz.

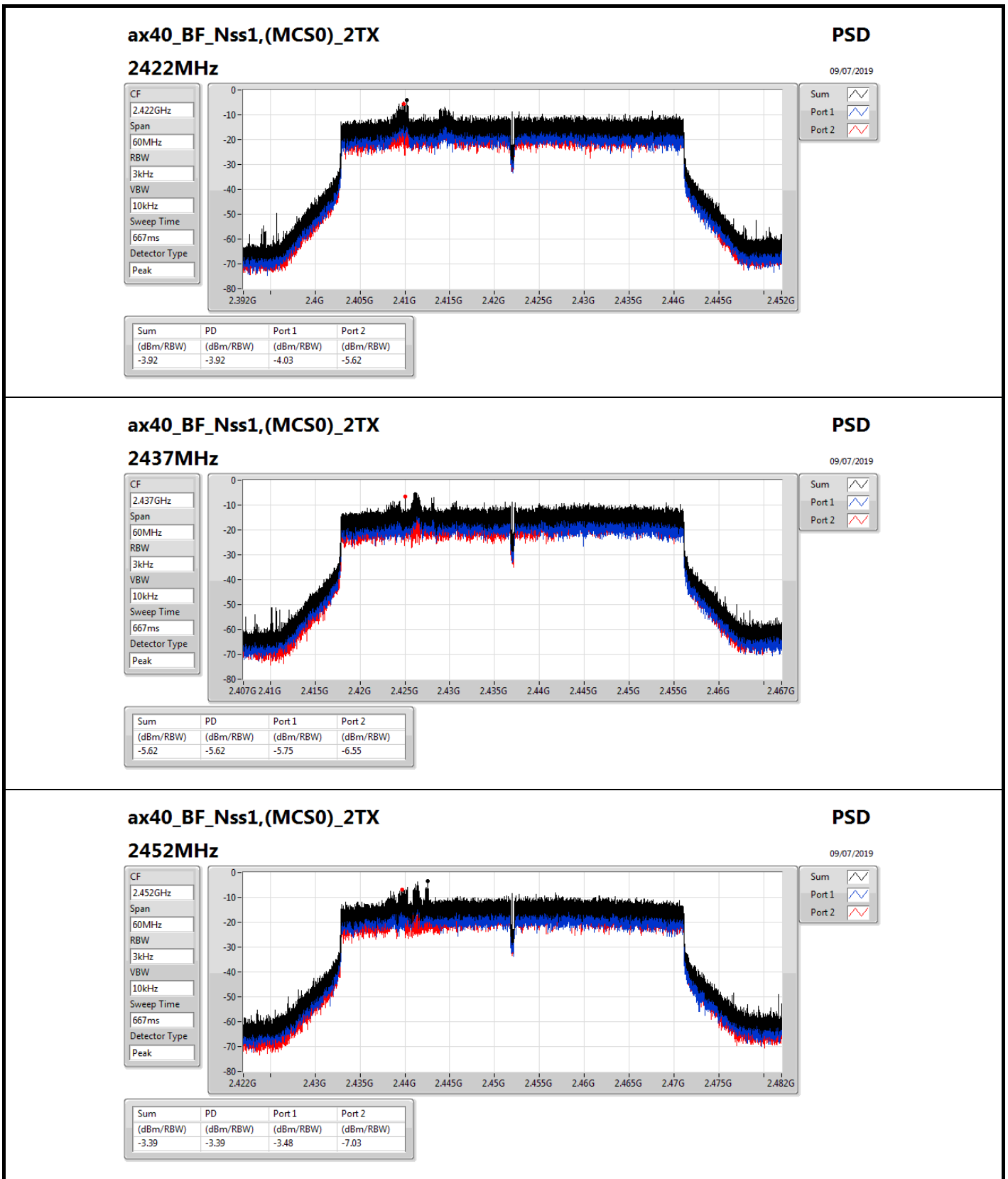
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.59	-5.61	-5.34	-4.31	8.00
2437MHz	Pass	3.59	-6.19	-5.82	-4.12	8.00
2462MHz	Pass	3.59	-3.21	-3.76	-2.22	8.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	3.59	-4.03	-5.62	-3.92	8.00
2437MHz	Pass	3.59	-5.75	-6.55	-5.62	8.00
2452MHz	Pass	3.59	-3.48	-7.03	-3.39	8.00

DG = Directional Gain; RBW=3 kHz;

PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X power density;







Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_4TX	-1.36
802.11g_Nss1,(6Mbps)_4TX	-2.93
802.11ax HEW20_Nss1,(MCS0)_4TX	-6.81
802.11ax HEW40_Nss1,(MCS0)_4TX	-13.47

RBW=3 kHz.

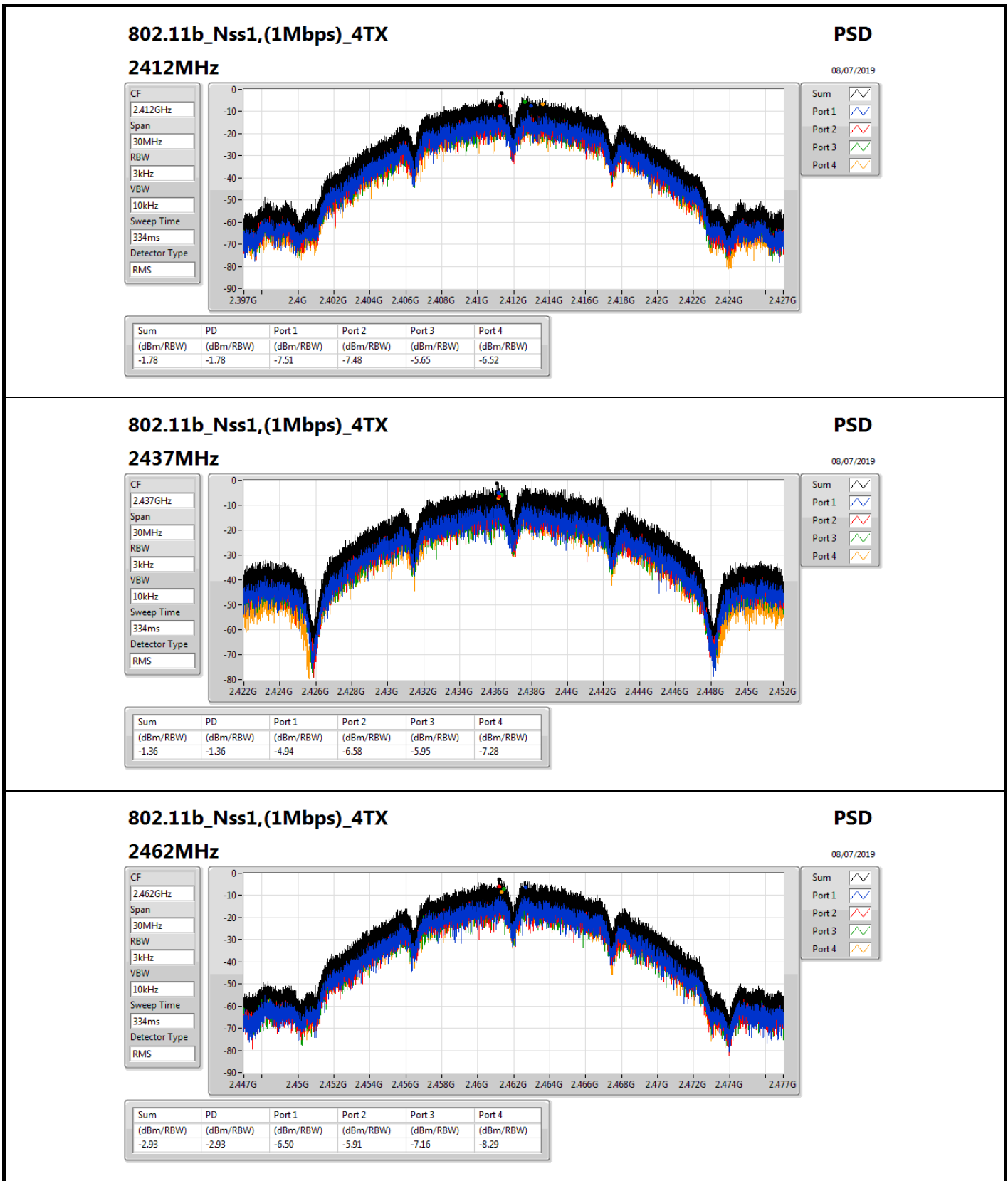


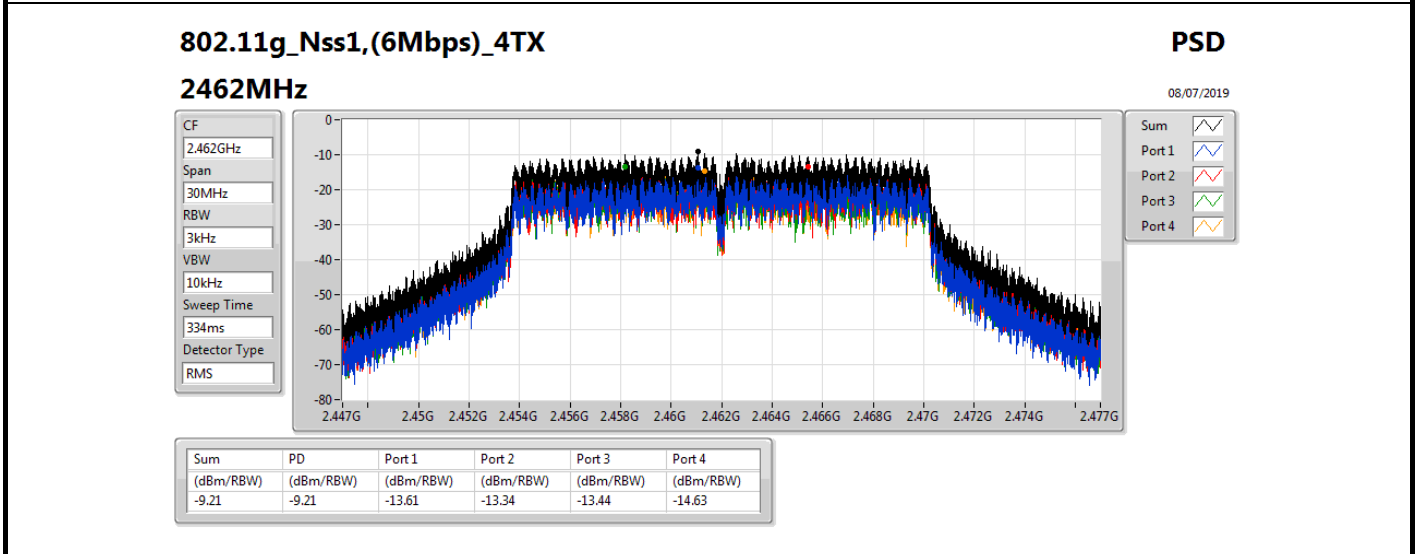
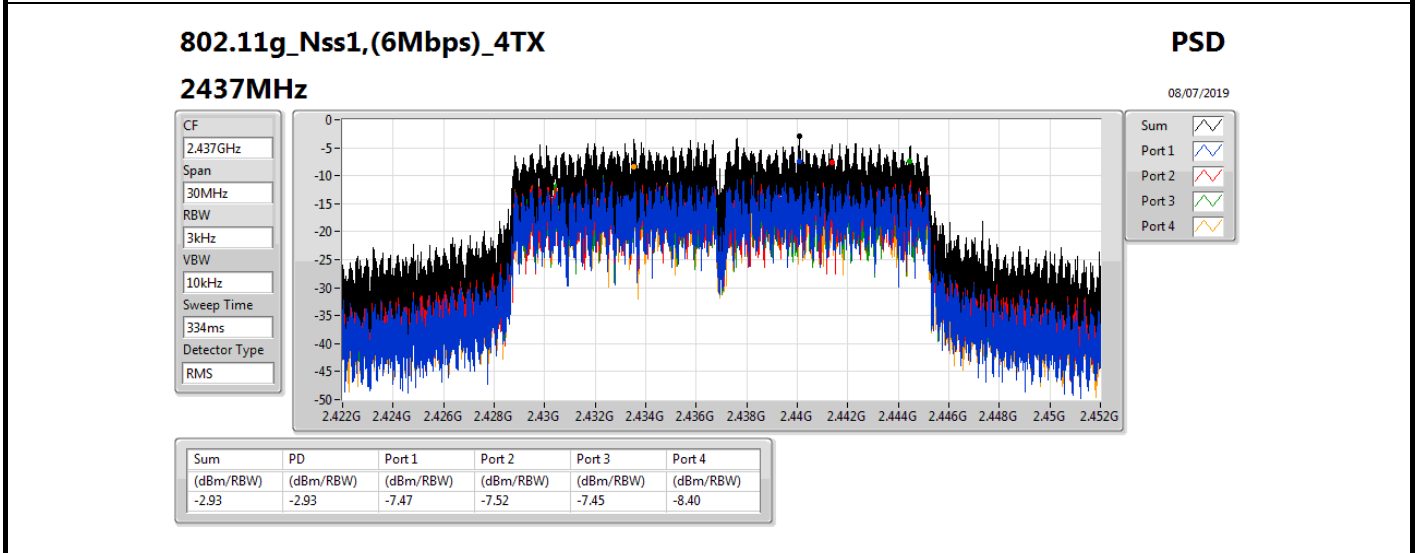
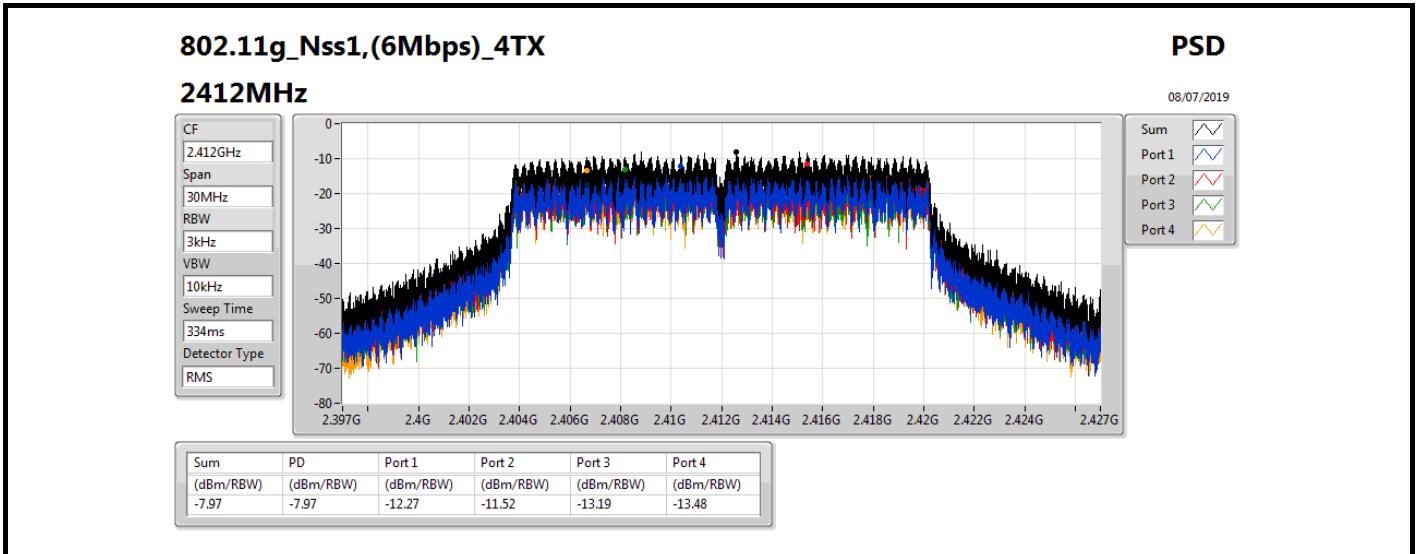
Result

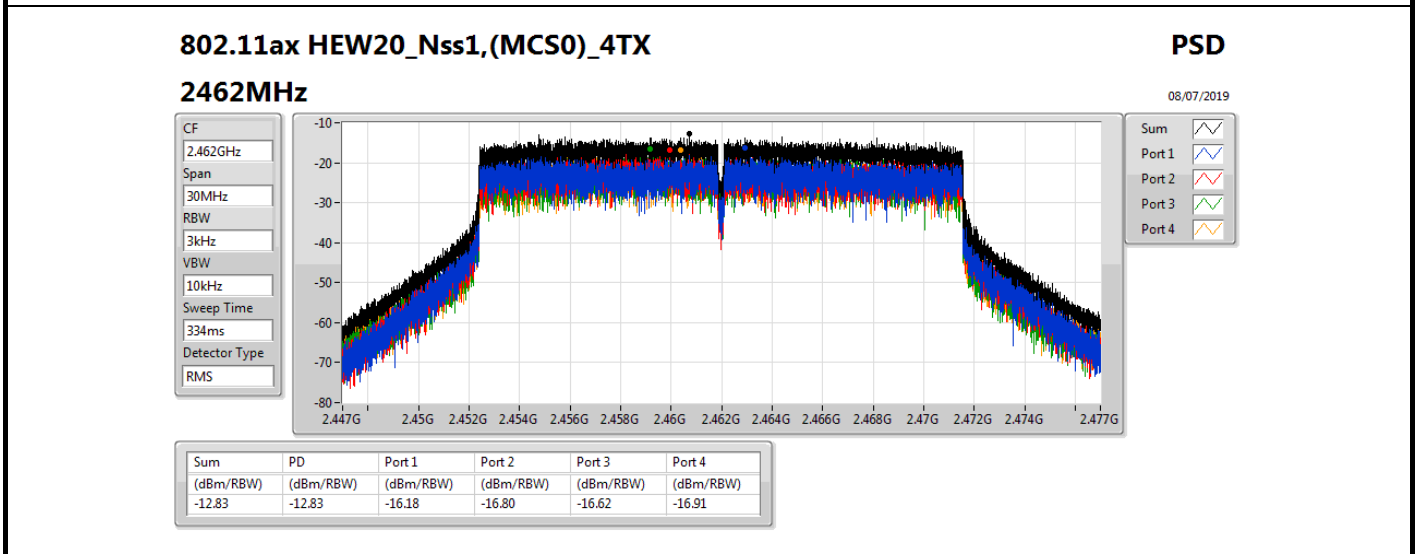
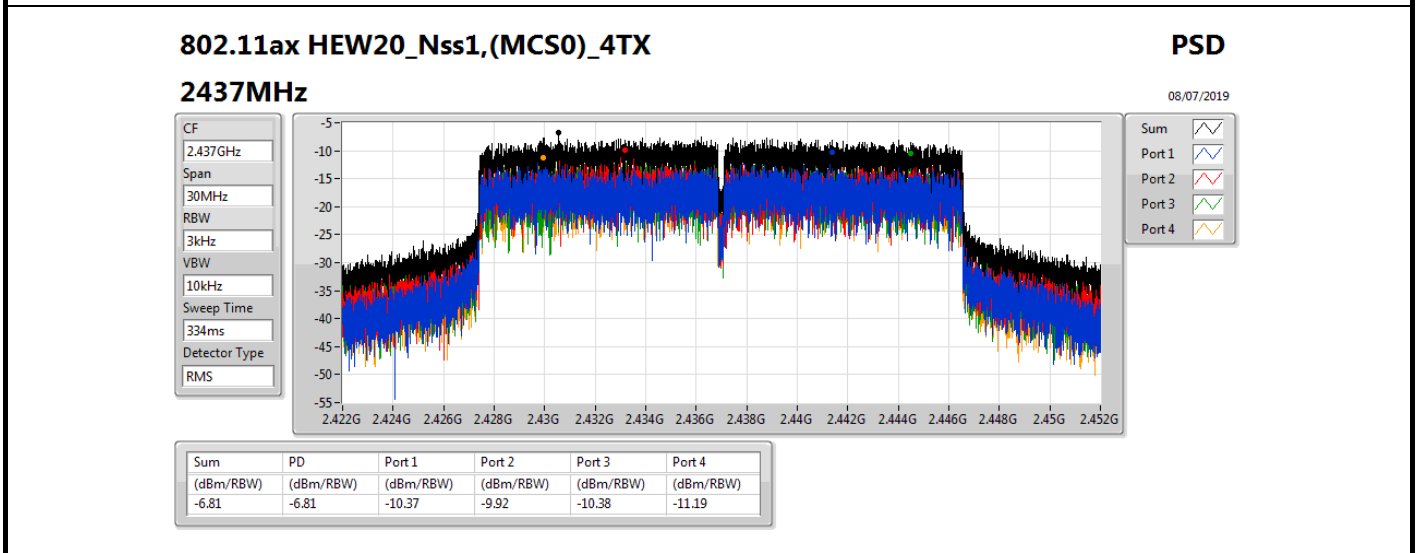
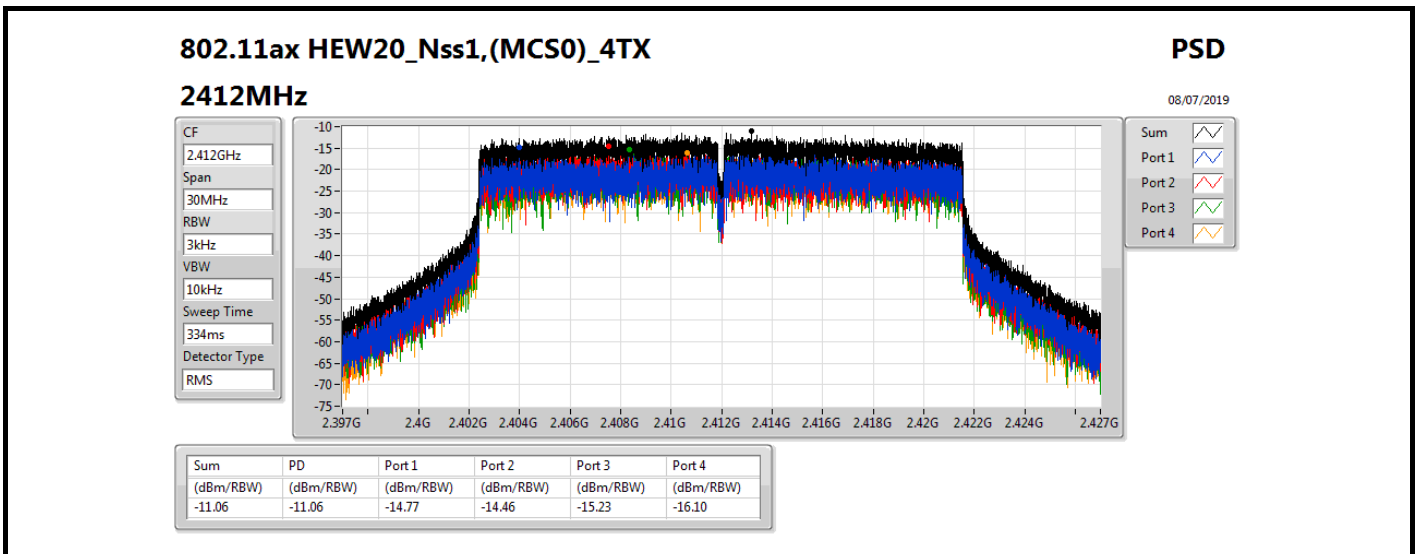
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	7.39	-7.51	-7.48	-5.65	-6.52	-1.78	6.61
2437MHz	Pass	7.39	-4.94	-6.58	-5.95	-7.28	-1.36	6.61
2462MHz	Pass	7.39	-6.50	-5.91	-7.16	-8.29	-2.93	6.61
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	7.39	-12.27	-11.52	-13.19	-13.48	-7.97	6.61
2437MHz	Pass	7.39	-7.47	-7.52	-7.45	-8.40	-2.93	6.61
2462MHz	Pass	7.39	-13.61	-13.34	-13.44	-14.63	-9.21	6.61
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	7.39	-14.77	-14.46	-15.23	-16.10	-11.06	6.61
2437MHz	Pass	7.39	-10.37	-9.92	-10.38	-11.19	-6.81	6.61
2462MHz	Pass	7.39	-16.18	-16.80	-16.62	-16.91	-12.83	6.61
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	7.39	-18.41	-18.53	-19.03	-19.07	-15.33	6.61
2437MHz	Pass	7.39	-16.46	-17.07	-16.44	-17.52	-13.47	6.61
2452MHz	Pass	7.39	-19.80	-20.16	-19.89	-21.06	-16.52	6.61

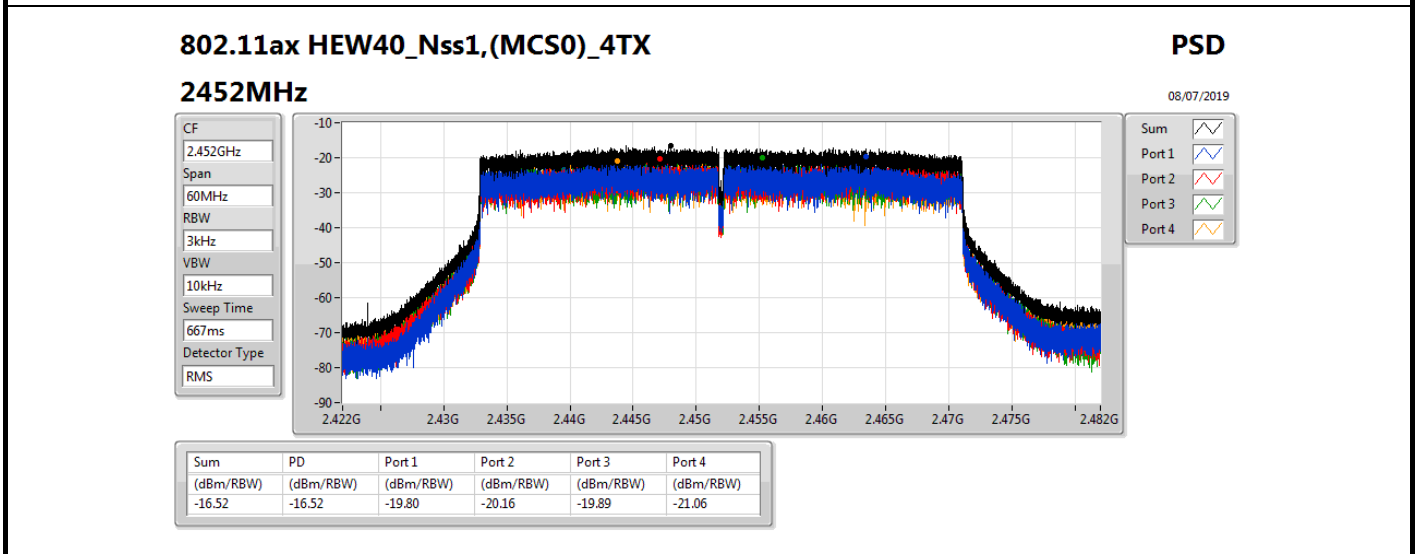
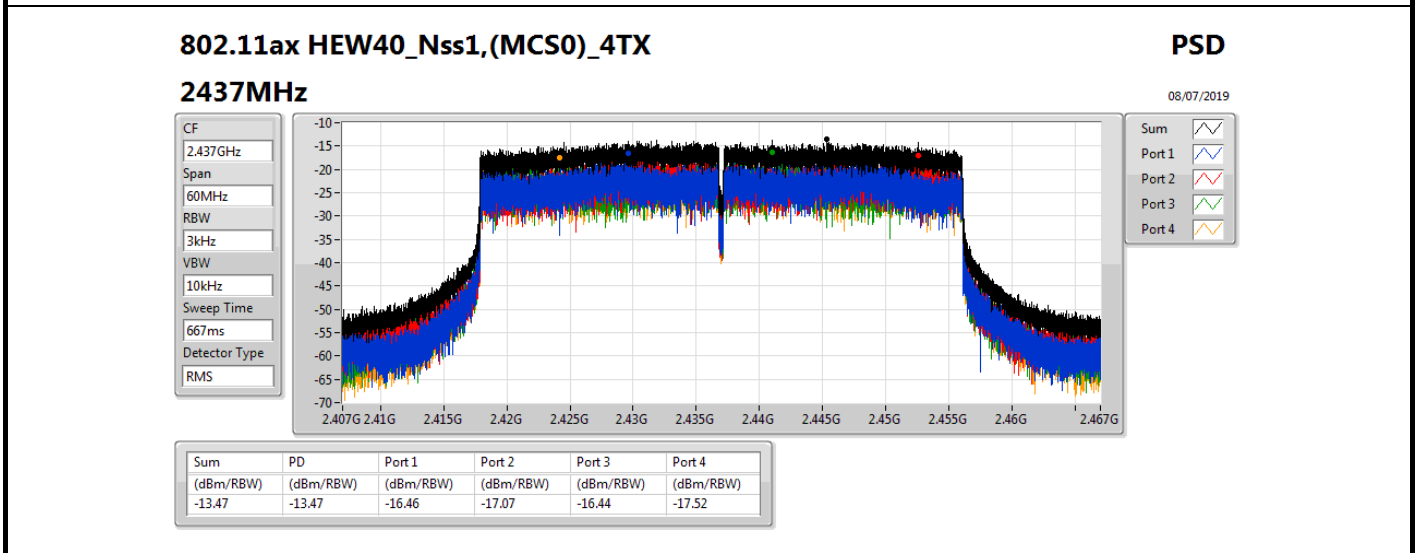
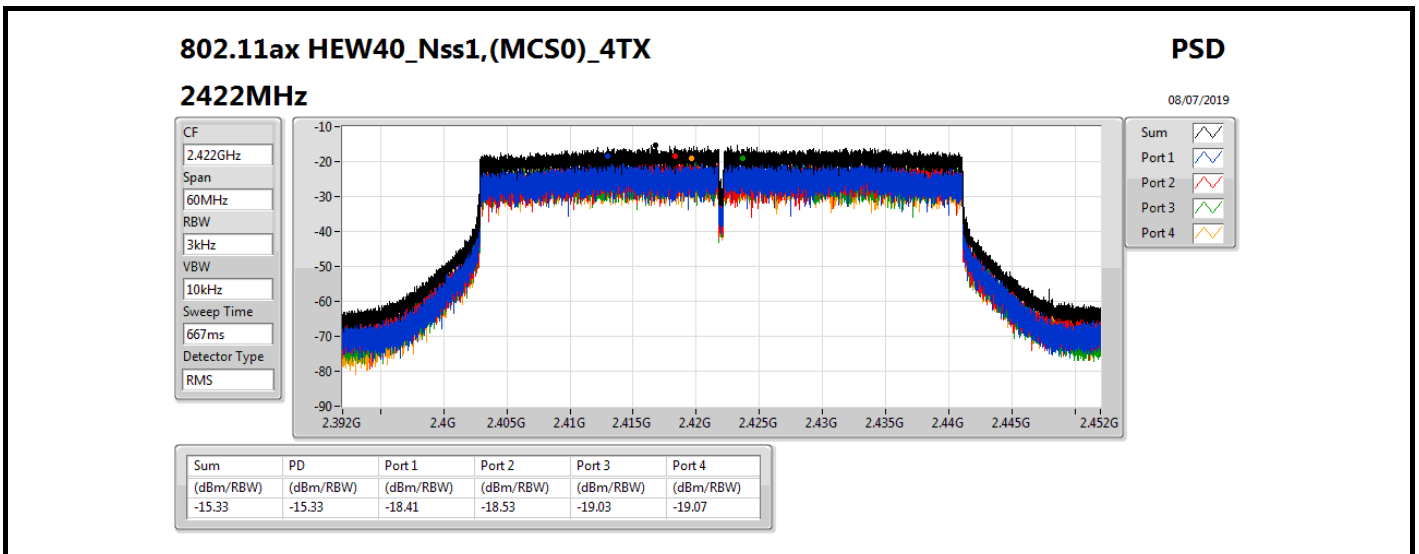
DG = Directional Gain; RBW=3 kHz;

PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X power density;











Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-0.89
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-3.74

RBW=3 kHz.

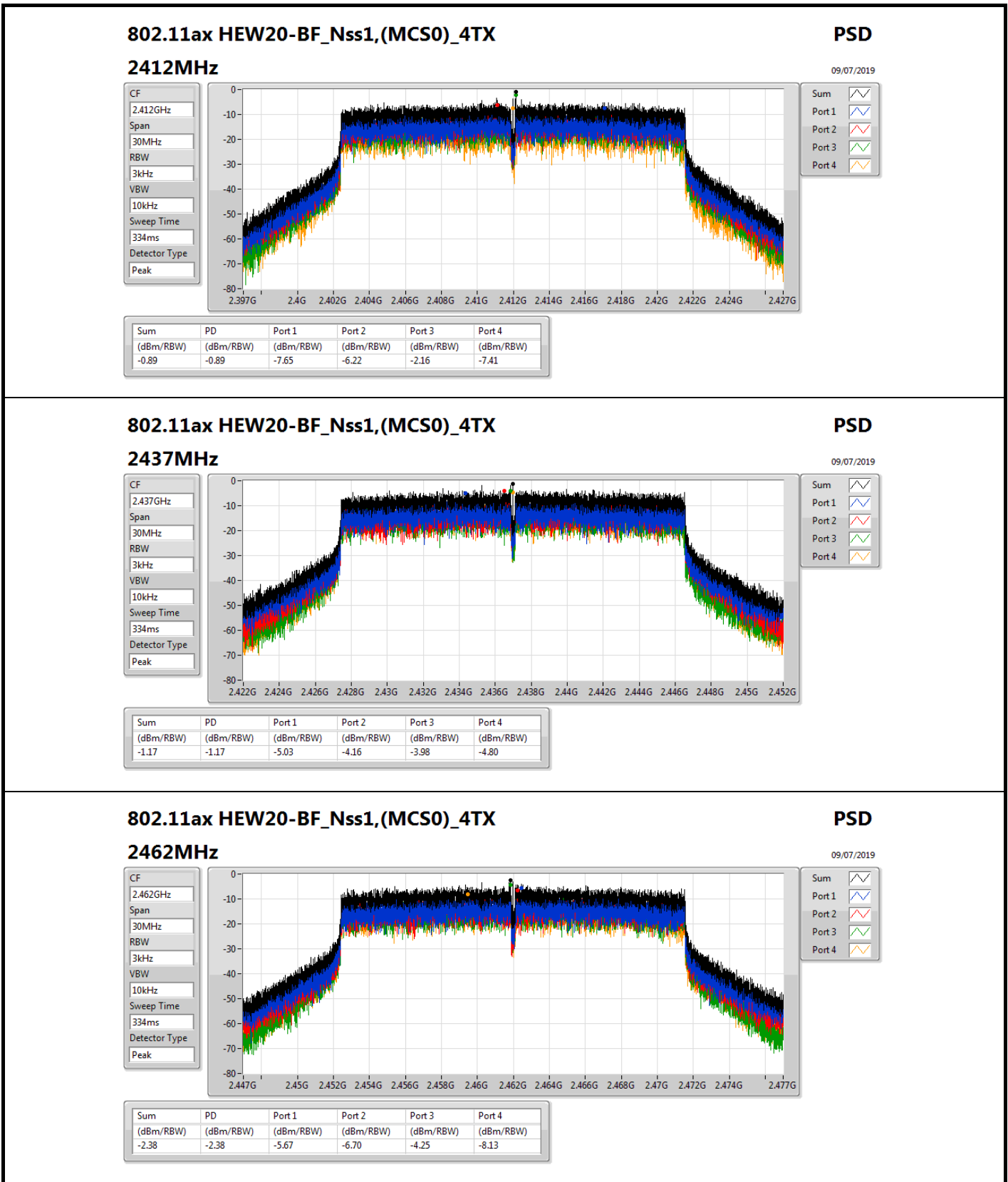


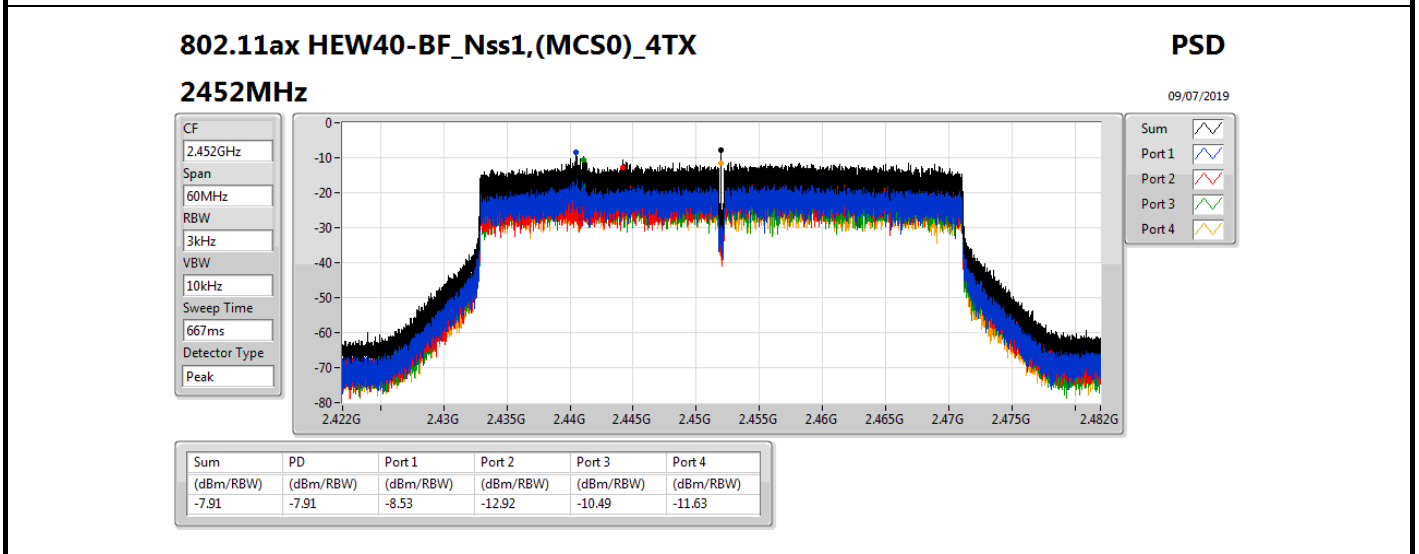
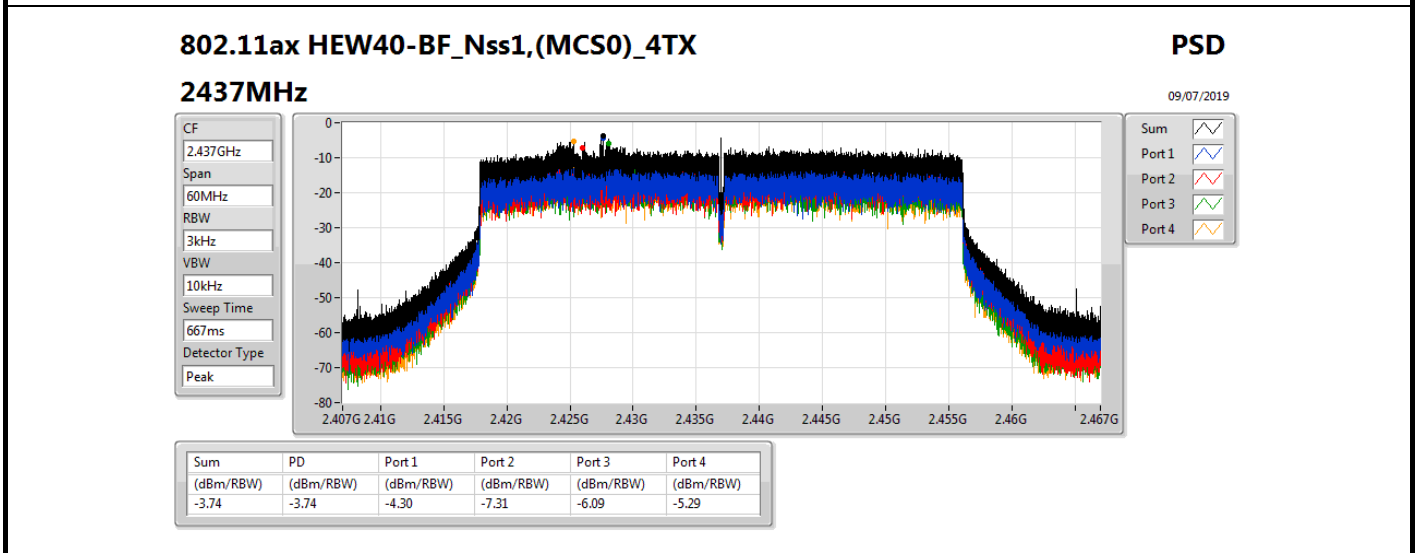
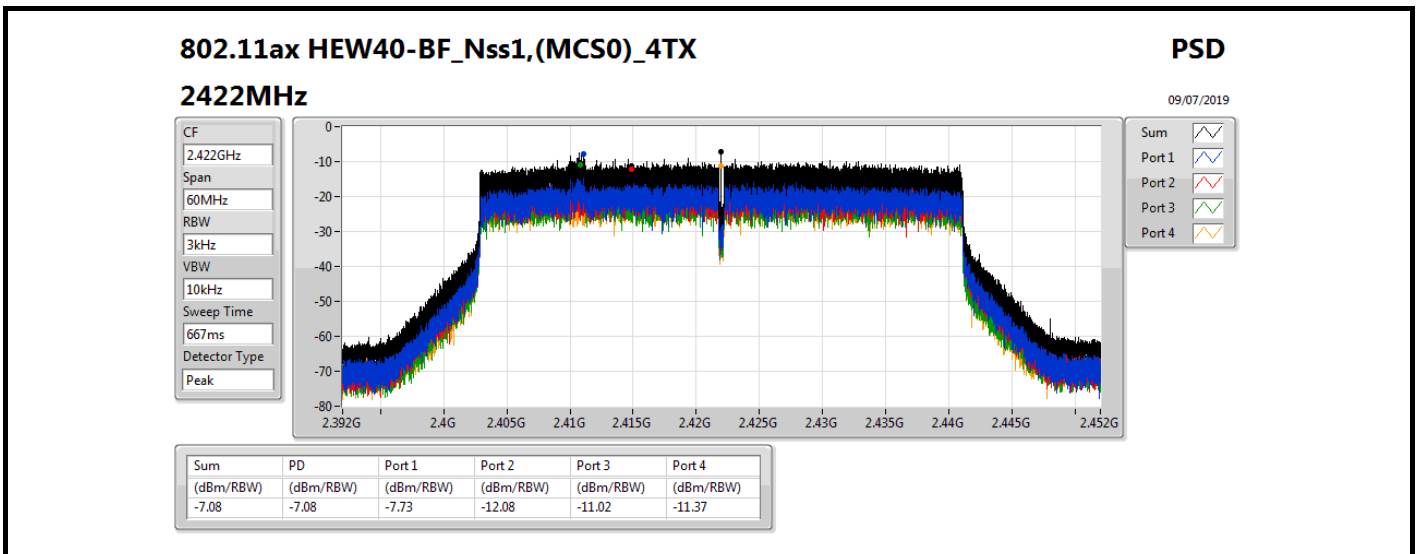
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	7.39	-7.65	-6.22	-2.16	-7.41	-0.89	6.61
2437MHz	Pass	7.39	-5.03	-4.16	-3.98	-4.80	-1.17	6.61
2462MHz	Pass	7.39	-5.67	-6.70	-4.25	-8.13	-2.38	6.61
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	7.39	-7.73	-12.08	-11.02	-11.37	-7.08	6.61
2437MHz	Pass	7.39	-4.30	-7.31	-6.09	-5.29	-3.74	6.61
2452MHz	Pass	7.39	-8.53	-12.92	-10.49	-11.63	-7.91	6.61

DG = Directional Gain; RBW=3 kHz;

PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X power density;







Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX	-0.47
802.11g_Nss1,(6Mbps)_1TX	-4.87
802.11ax HEW20_Nss1,(MCS0)_1TX	-3.74
802.11ax HEW40_Nss1,(MCS0)_1TX	-9.30

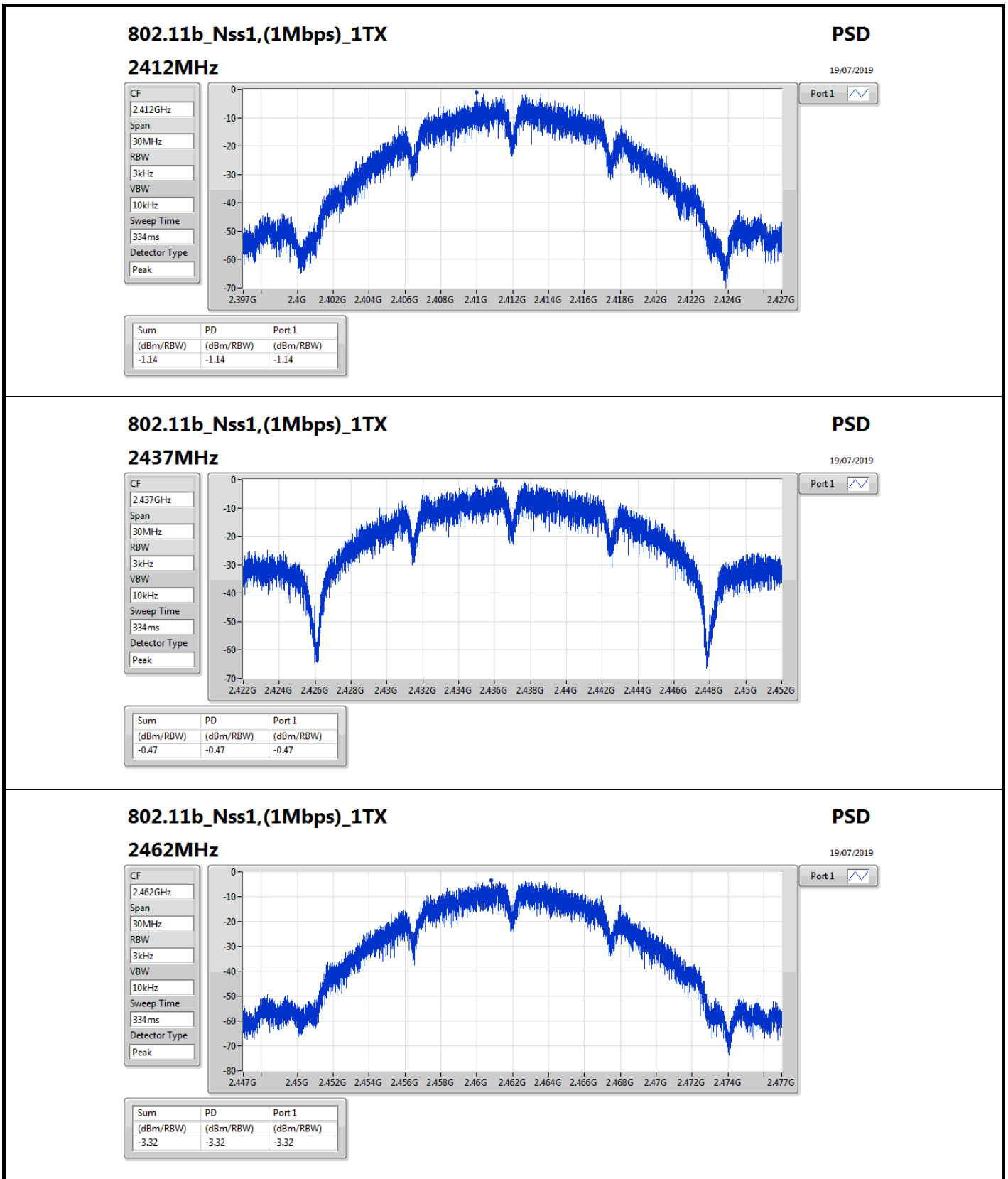
RBW=3 kHz.

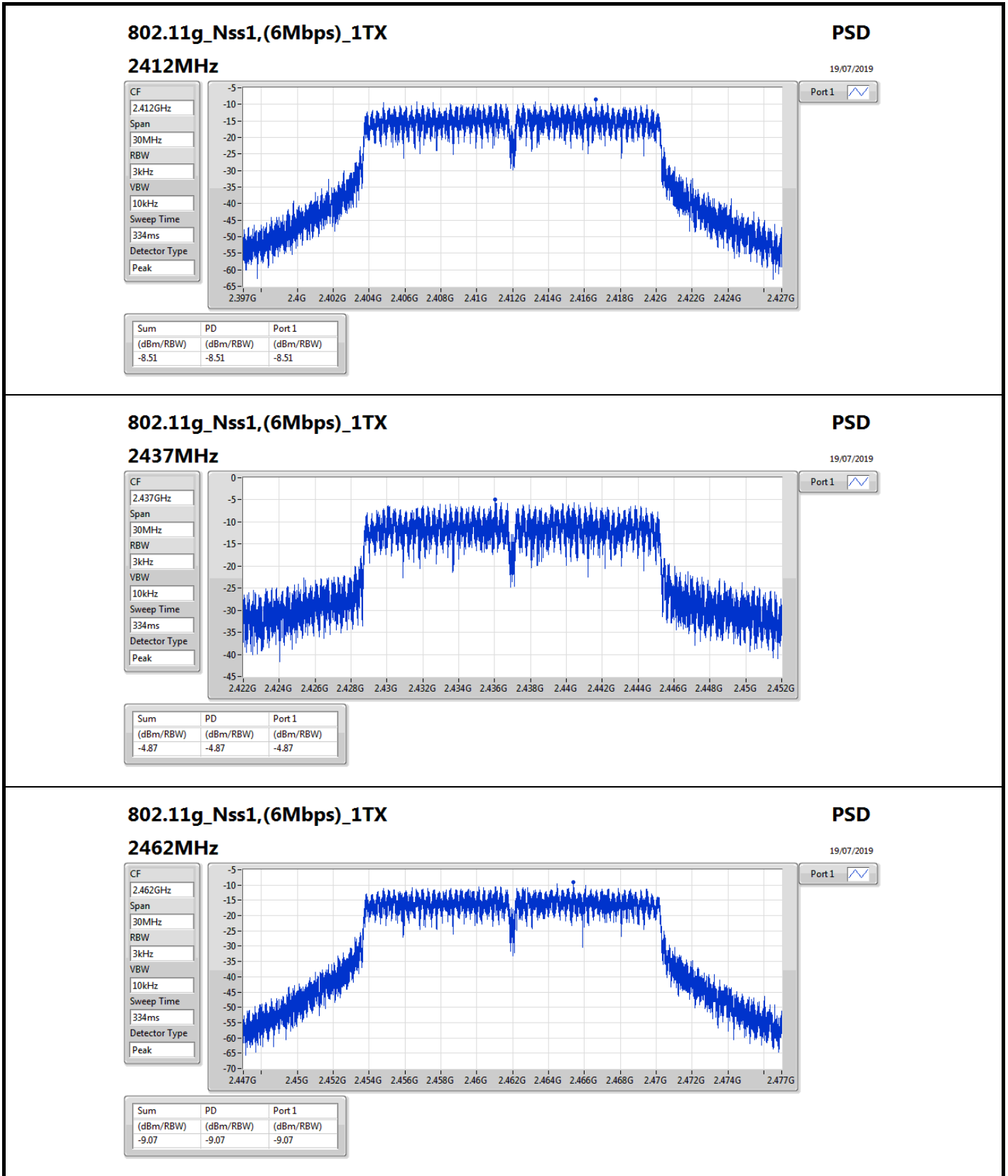
Result

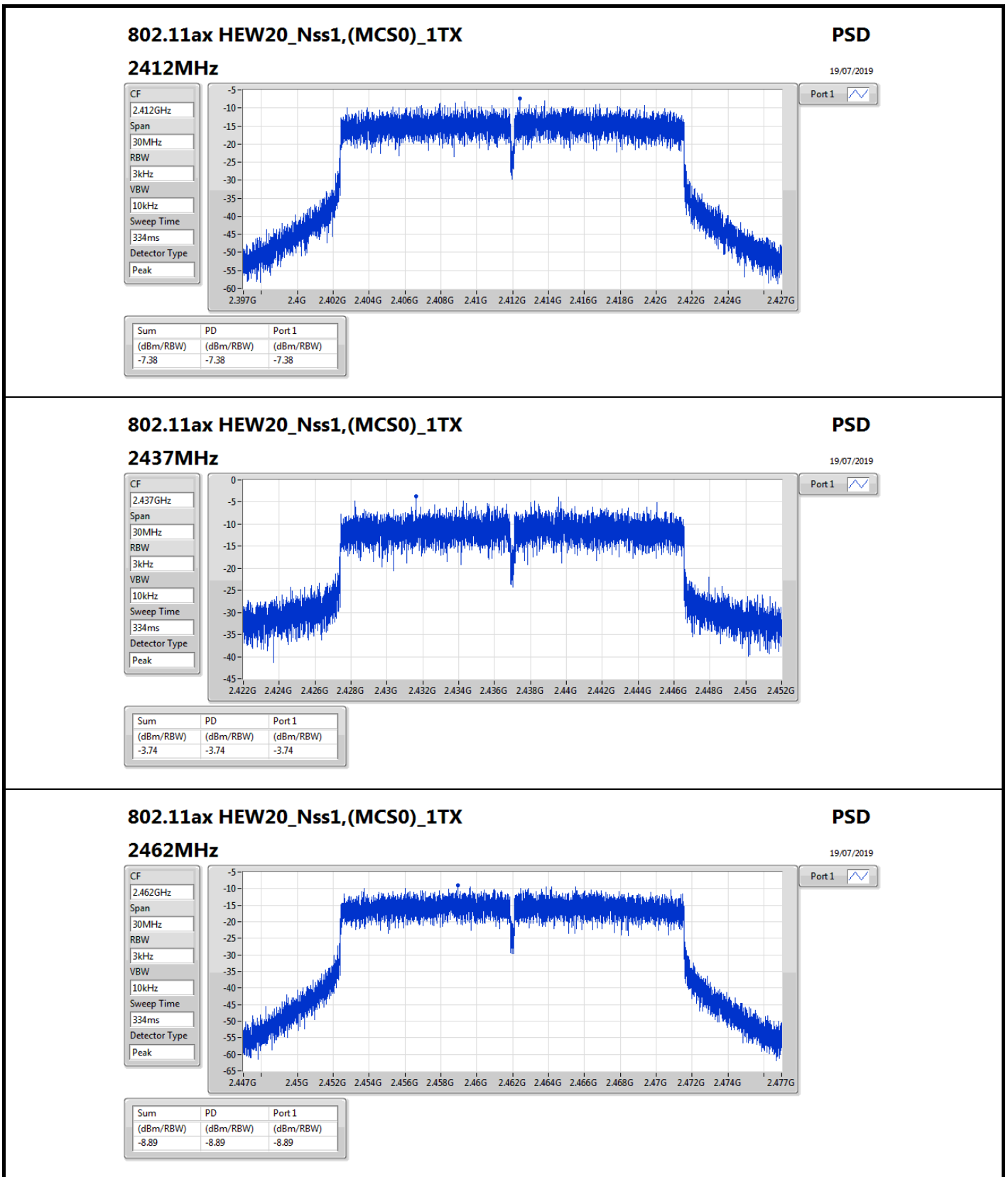
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.89	-1.14	-1.14	8.00
2437MHz	Pass	3.89	-0.47	-0.47	8.00
2462MHz	Pass	3.89	-3.32	-3.32	8.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.89	-8.51	-8.51	8.00
2437MHz	Pass	3.89	-4.87	-4.87	8.00
2462MHz	Pass	3.89	-9.07	-9.07	8.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	3.89	-7.38	-7.38	8.00
2437MHz	Pass	3.89	-3.74	-3.74	8.00
2462MHz	Pass	3.89	-8.89	-8.89	8.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	3.89	-10.15	-10.15	8.00
2437MHz	Pass	3.89	-9.30	-9.30	8.00
2452MHz	Pass	3.89	-11.13	-11.13	8.00

DG = Directional Gain; RBW=3 kHz;

PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;







802.11ax HEW20_Nss1,(MCS0)_1TX

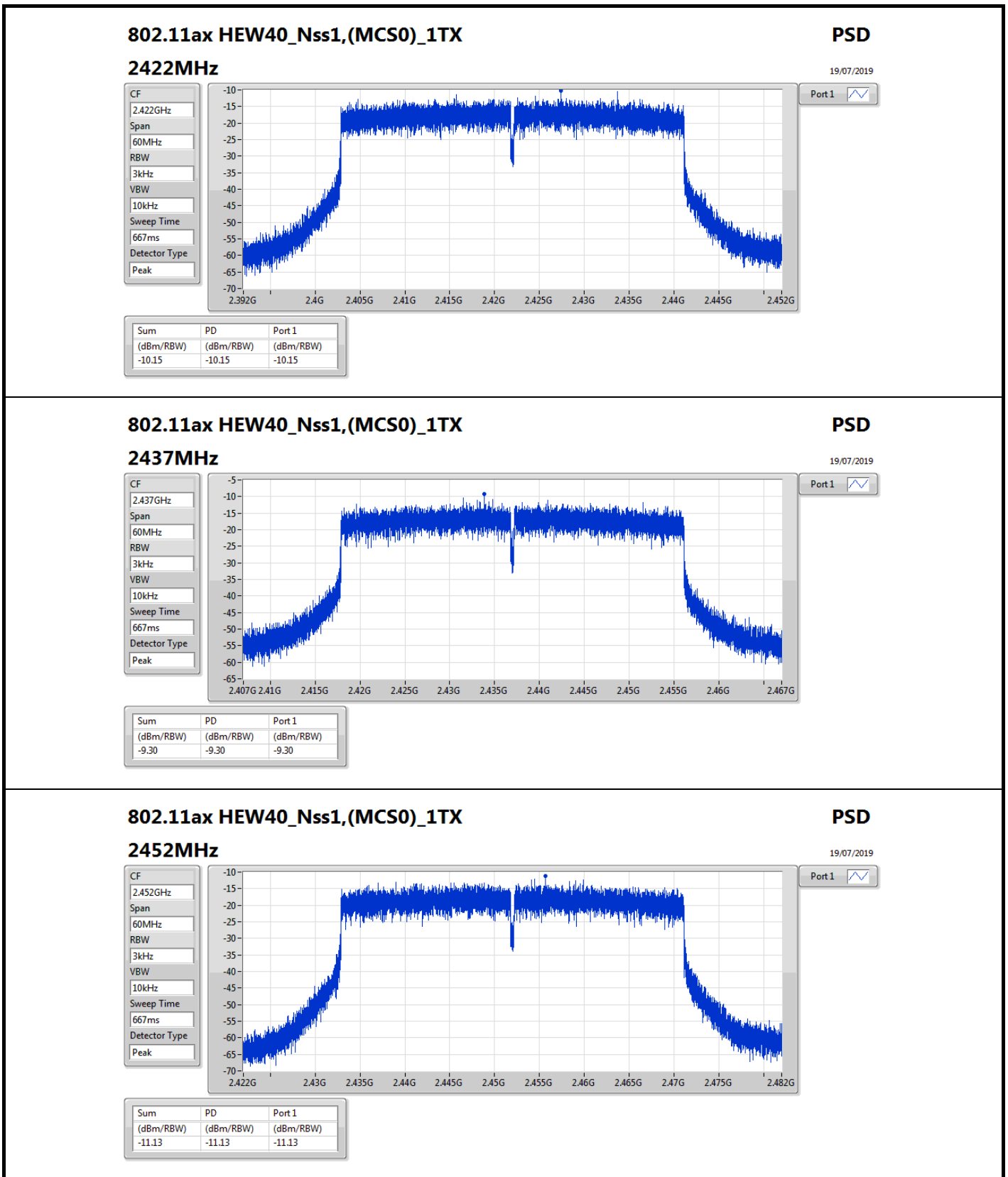
2462MHz

PSD

19/07/2019

CF	2.462GHz
Span	30MHz
RBW	3kHz
VBW	10kHz
Sweep Time	334ms
Detector Type	Peak

Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.89	-8.89	-8.89



802.11ax HEW40_Nss1,(MCS0)_1TX

2452MHz

PSD

19/07/2019

CF
2.452GHz

Span
60MHz

RBW
3kHz

VBW
10kHz

Sweep Time
667ms

Detector Type
Peak



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.13	-11.13	-11.13



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	1.67
802.11g_Nss1,(6Mbps)_2TX	-3.31
802.11ax HEW20_Nss1,(MCS0)_2TX	-2.99
802.11ax HEW40_Nss1,(MCS0)_2TX	-7.72

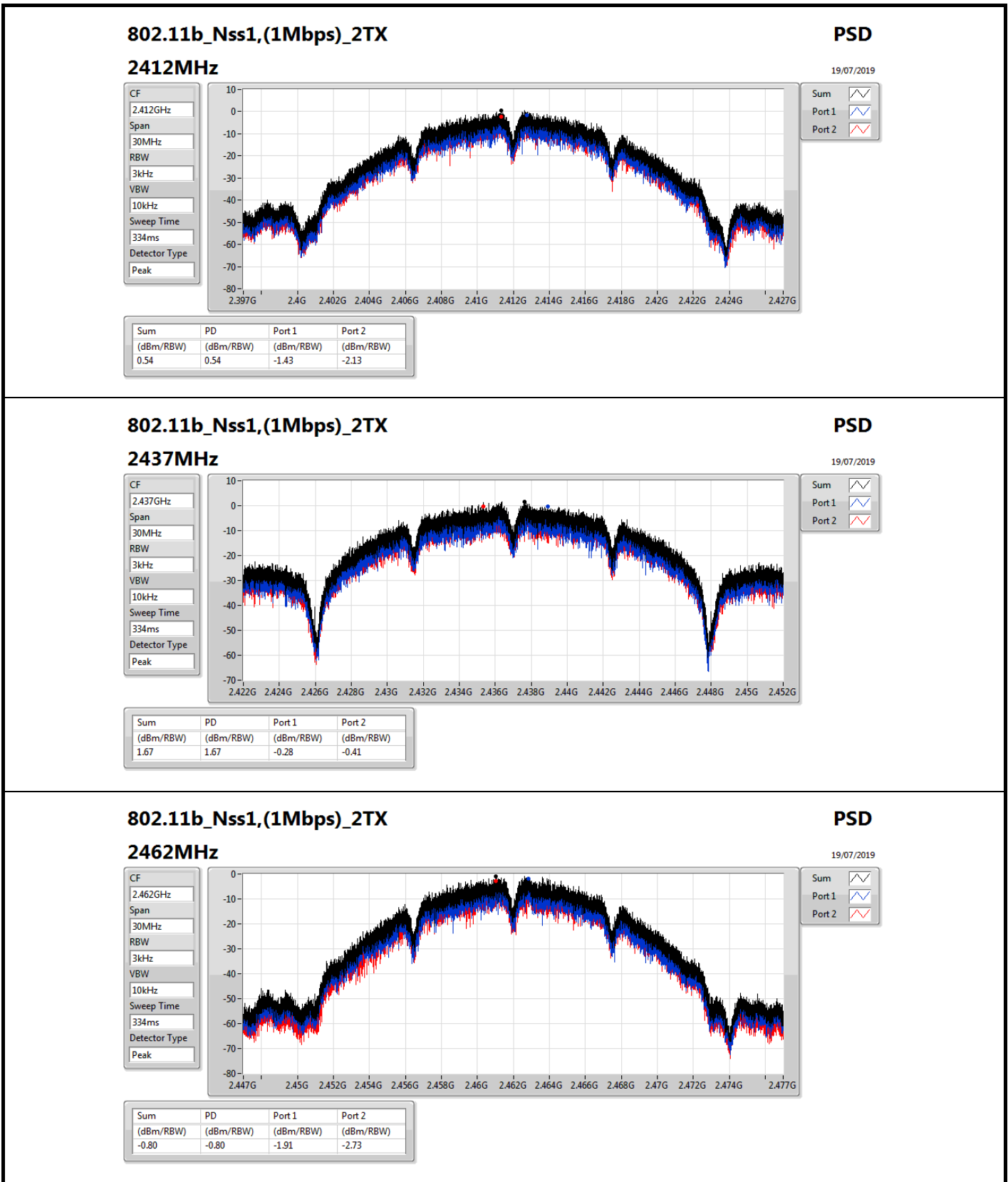
RBW=3 kHz.

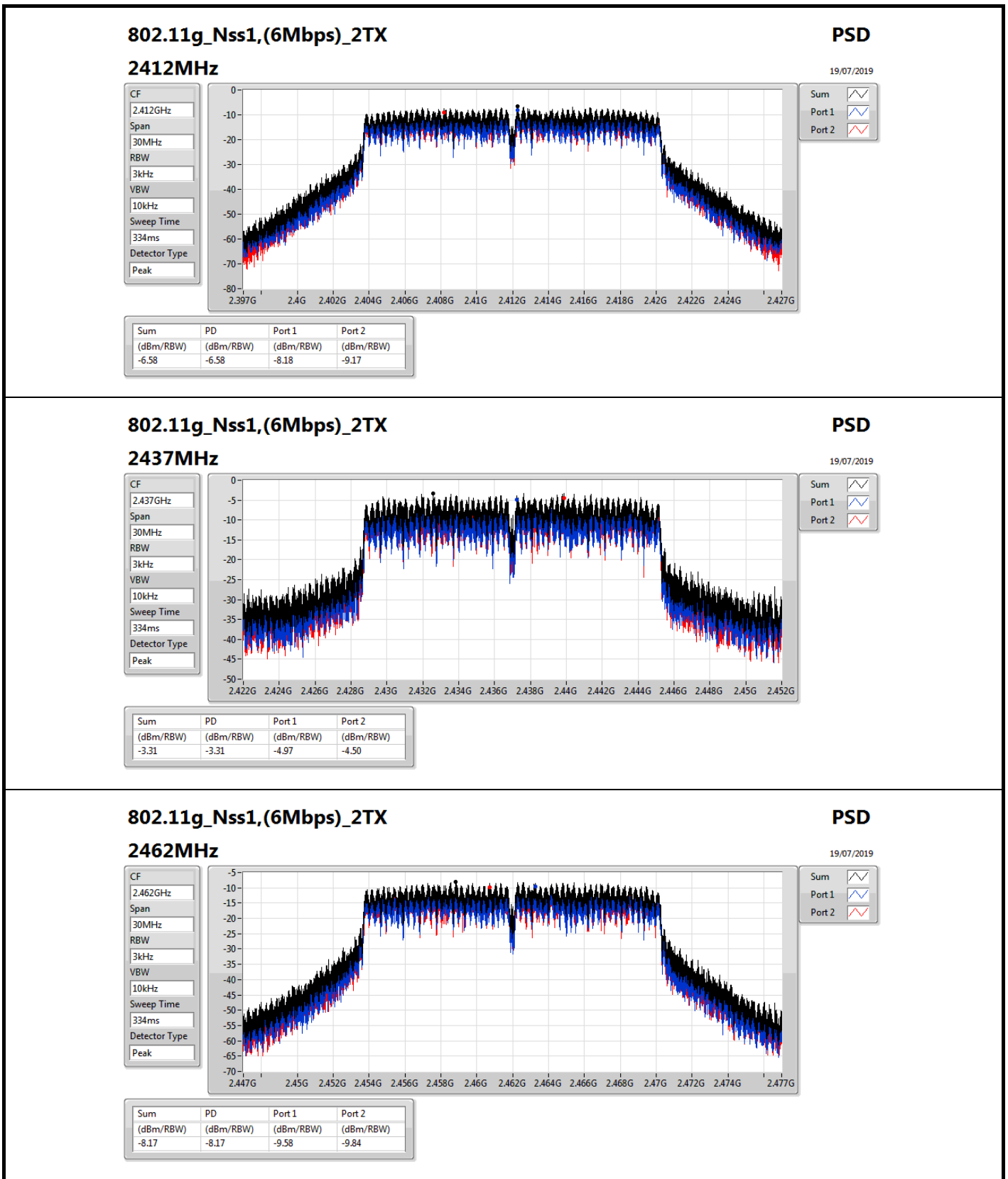
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.56	-1.43	-2.13	0.54	8.00
2437MHz	Pass	2.56	-0.28	-0.41	1.67	8.00
2462MHz	Pass	2.56	-1.91	-2.73	-0.80	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.56	-8.18	-9.17	-6.58	8.00
2437MHz	Pass	2.56	-4.97	-4.50	-3.31	8.00
2462MHz	Pass	2.56	-9.58	-9.84	-8.17	8.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.56	-8.09	-8.50	-6.15	8.00
2437MHz	Pass	2.56	-3.65	-5.28	-2.99	8.00
2462MHz	Pass	2.56	-9.50	-9.45	-7.41	8.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	2.56	-10.89	-11.15	-9.47	8.00
2437MHz	Pass	2.56	-9.23	-10.70	-7.72	8.00
2452MHz	Pass	2.56	-12.48	-12.31	-11.26	8.00

DG = Directional Gain; RBW=3 kHz;

PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X power density;





802.11g_Nss1,(6Mbps)_2TX

2462MHz

PSD

19/07/2019

CF
2.462GHz

Span
30MHz

RBW
3kHz

VBW
10kHz

Sweep Time
334ms

Detector Type
Peak

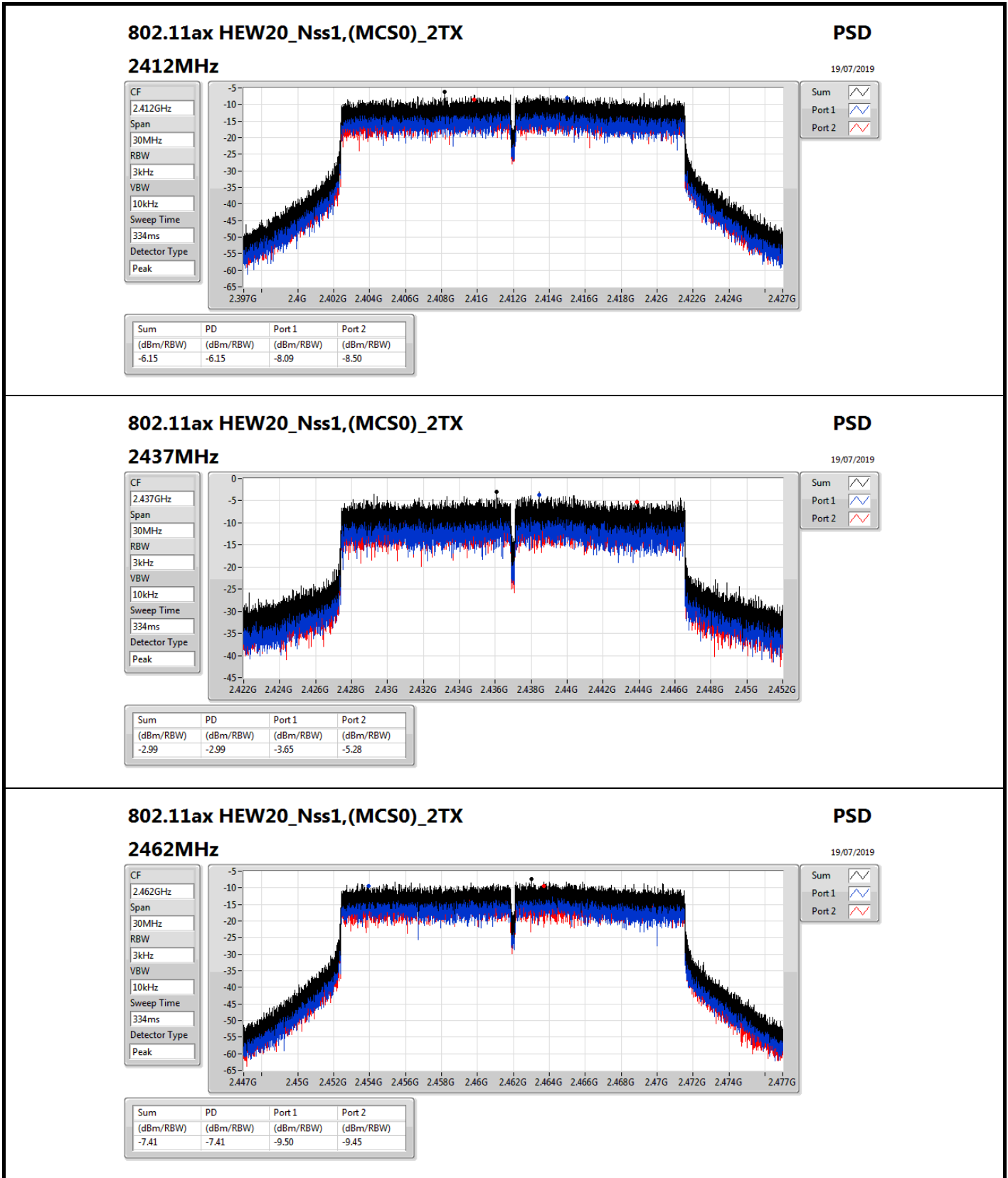


Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.17	-8.17	-9.58	-9.84



802.11ax HEW20_Nss1,(MCS0)_2TX

2462MHz

PSD

19/07/2019

CF
2.462GHz

Span
30MHz

RBW
3kHz

VBW
10kHz

Sweep Time
334ms

Detector Type
Peak

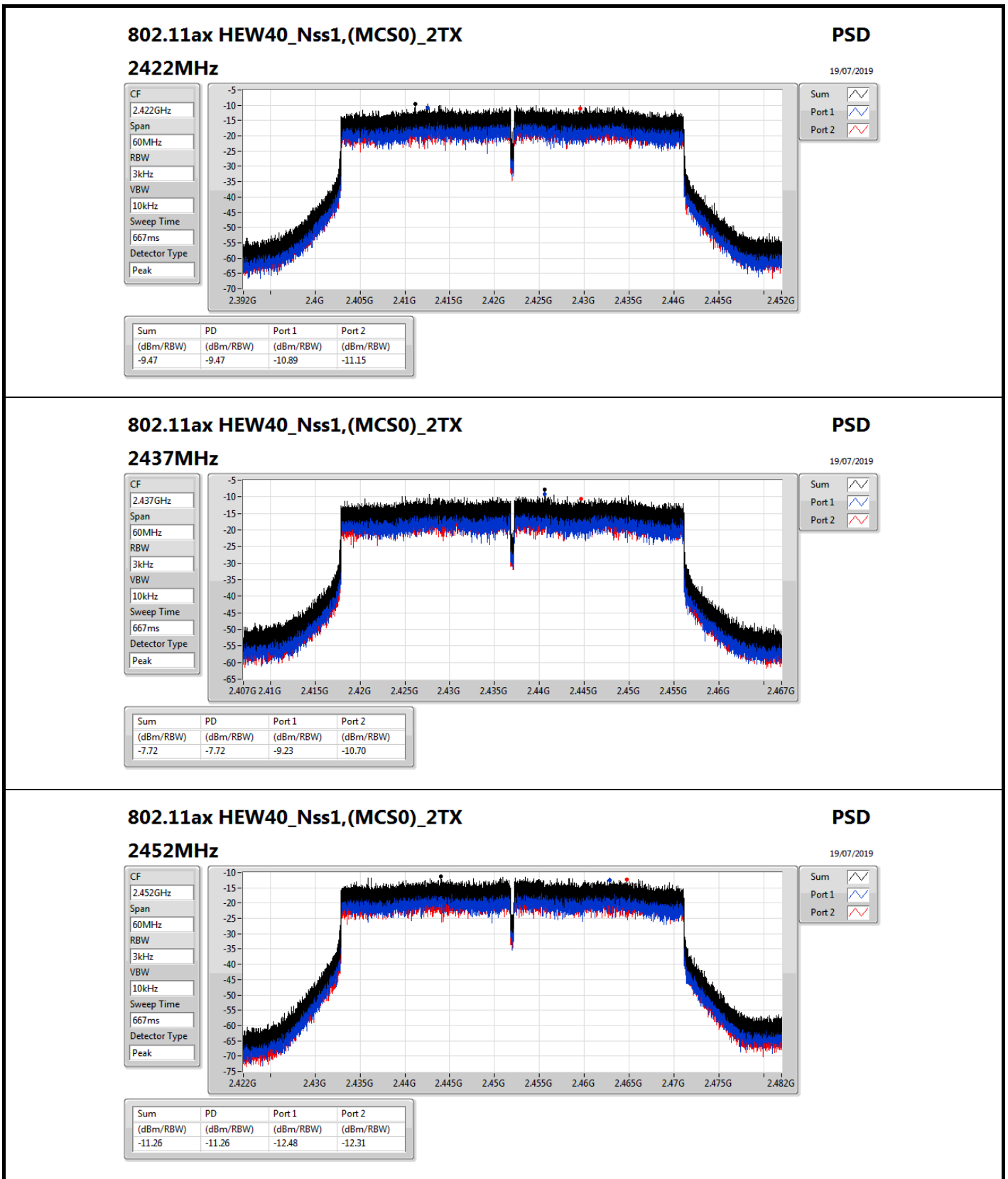


Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.41	-7.41	-9.50	-9.45



802.11ax HEW40_Nss1,(MCS0)_2TX

2452MHz

PSD

19/07/2019

CF
2.452GHz

Span
60MHz

RBW
3kHz

VBW
10kHz

Sweep Time
667ms

Detector Type
Peak



Sum 

Port 1 

Port 2 



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-2.97
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-3.99

RBW=3 kHz.

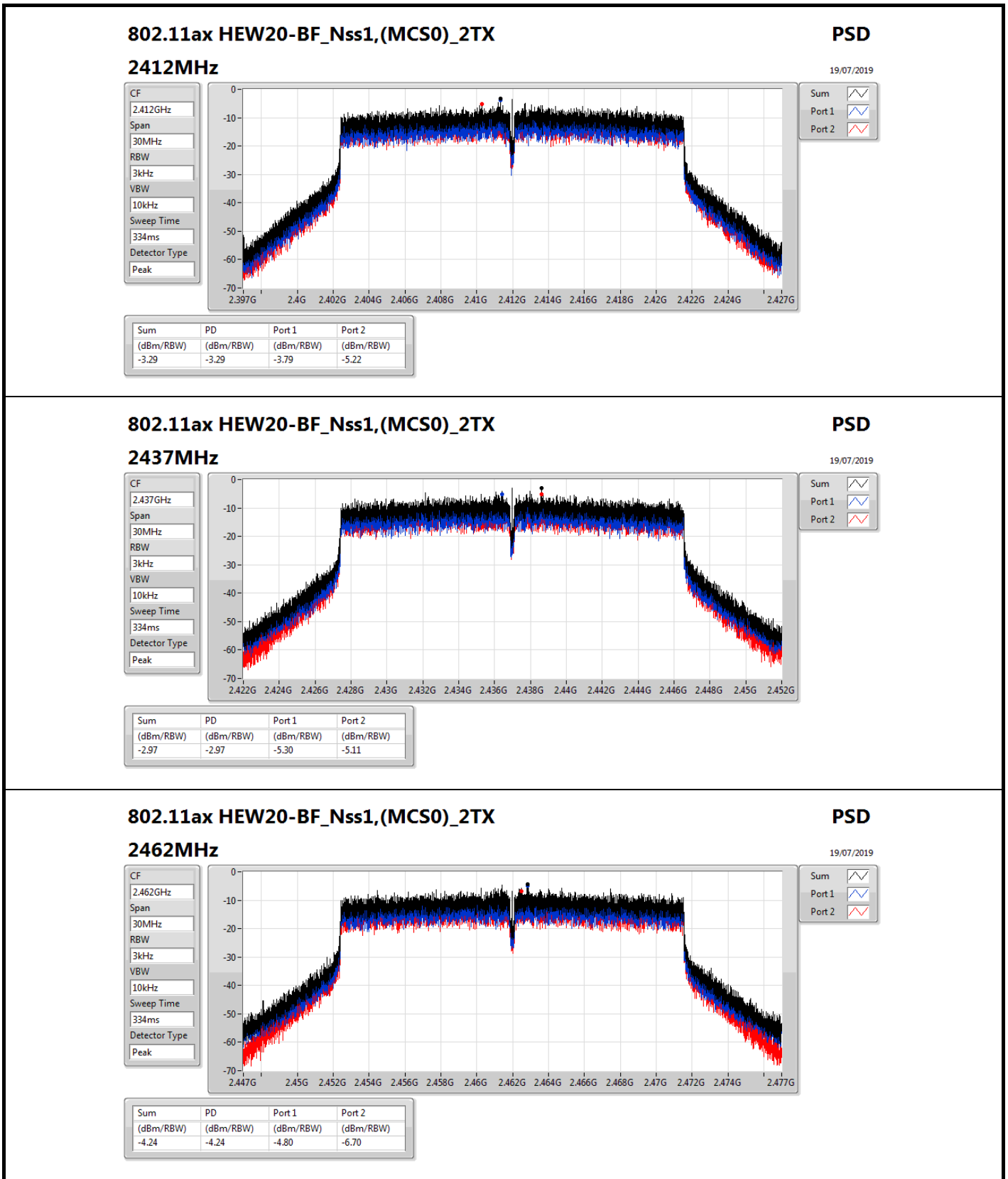


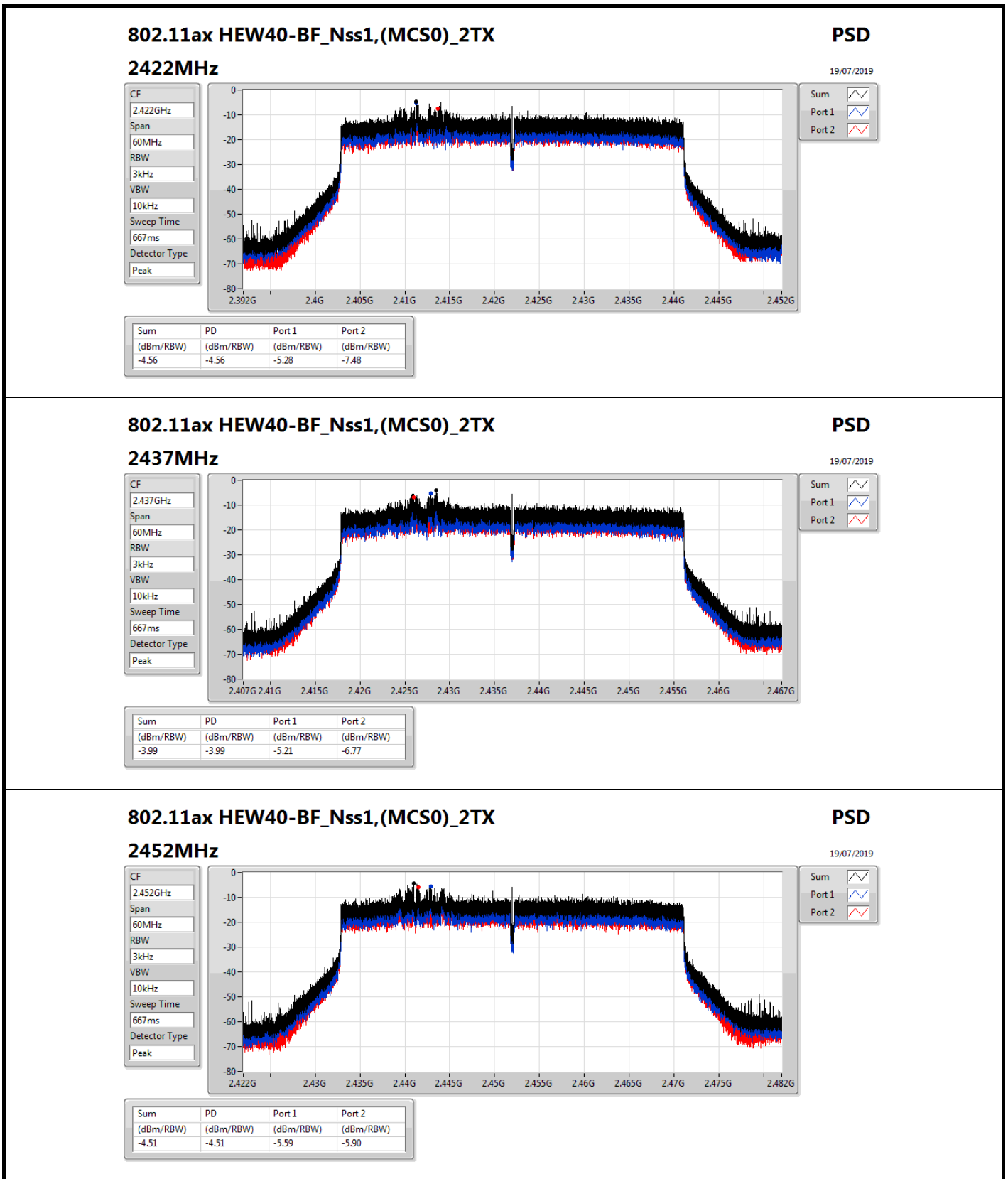
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.56	-3.79	-5.22	-3.29	8.00
2437MHz	Pass	2.56	-5.30	-5.11	-2.97	8.00
2462MHz	Pass	2.56	-4.80	-6.70	-4.24	8.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	2.56	-5.28	-7.48	-4.56	8.00
2437MHz	Pass	2.56	-5.21	-6.77	-3.99	8.00
2452MHz	Pass	2.56	-5.59	-5.90	-4.51	8.00

DG = Directional Gain; RBW=3 kHz;

PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X power density;





802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2452MHz

PSD

19/07/2019

CF
2.452GHz

Span
60MHz

RBW
3kHz

VBW
10kHz

Sweep Time
667ms

Detector Type
Peak



Sum 

Port 1 

Port 2 



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_4TX	4.74
802.11g_Nss1,(6Mbps)_4TX	-0.53
802.11ax HEW20_Nss1,(MCS0)_4TX	-1.31
802.11ax HEW40_Nss1,(MCS0)_4TX	-6.98

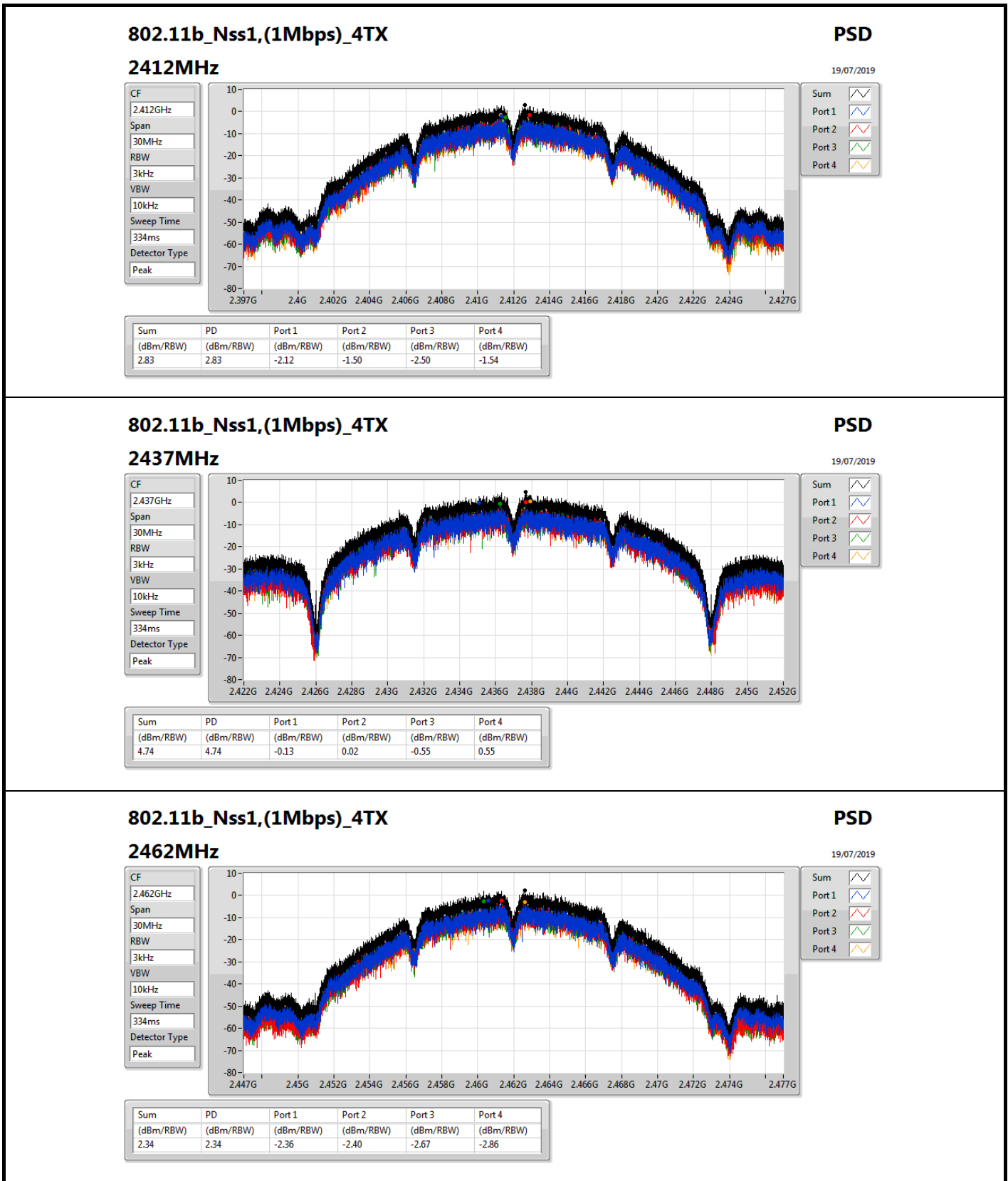
RBW=3 kHz.

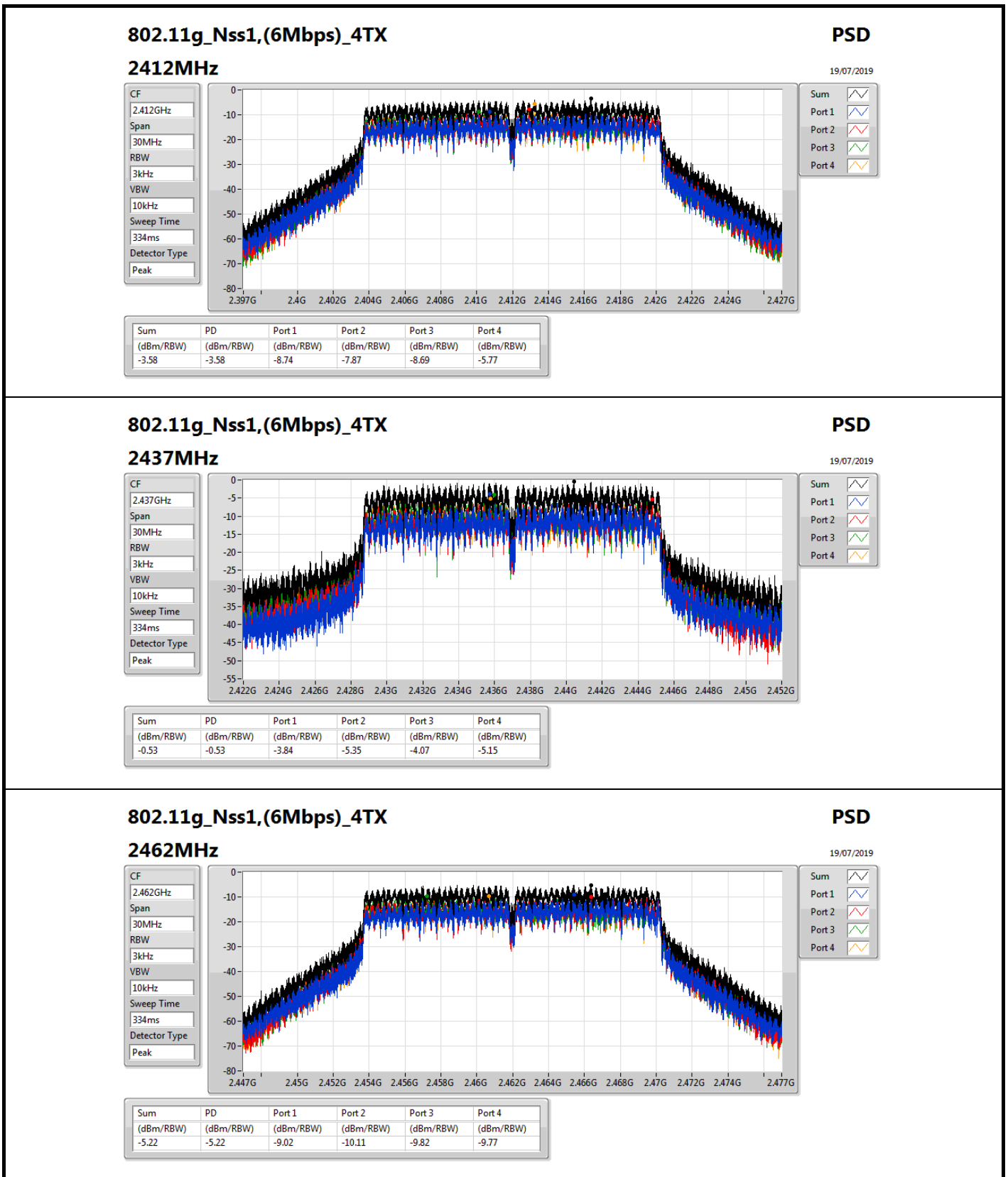
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	7.09	-2.12	-1.50	-2.50	-1.54	2.83	6.91
2437MHz	Pass	7.09	-0.13	0.02	-0.55	0.55	4.74	6.91
2462MHz	Pass	7.09	-2.36	-2.40	-2.67	-2.86	2.34	6.91
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	7.09	-8.74	-7.87	-8.69	-5.77	-3.58	6.91
2437MHz	Pass	7.09	-3.84	-5.35	-4.07	-5.15	-0.53	6.91
2462MHz	Pass	7.09	-9.02	-10.11	-9.82	-9.77	-5.22	6.91
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	7.09	-8.79	-6.15	-7.59	-8.33	-4.35	6.91
2437MHz	Pass	7.09	-4.78	-4.94	-4.05	-3.63	-1.31	6.91
2462MHz	Pass	7.09	-10.36	-10.88	-11.03	-10.19	-6.81	6.91
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	7.09	-11.67	-11.61	-11.13	-10.88	-7.33	6.91
2437MHz	Pass	7.09	-11.10	-10.39	-9.99	-9.95	-6.98	6.91
2452MHz	Pass	7.09	-11.55	-11.93	-11.80	-12.54	-8.70	6.91

DG = Directional Gain; RBW=3 kHz;

PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X power density;





802.11g_Nss1,(6Mbps)_4TX

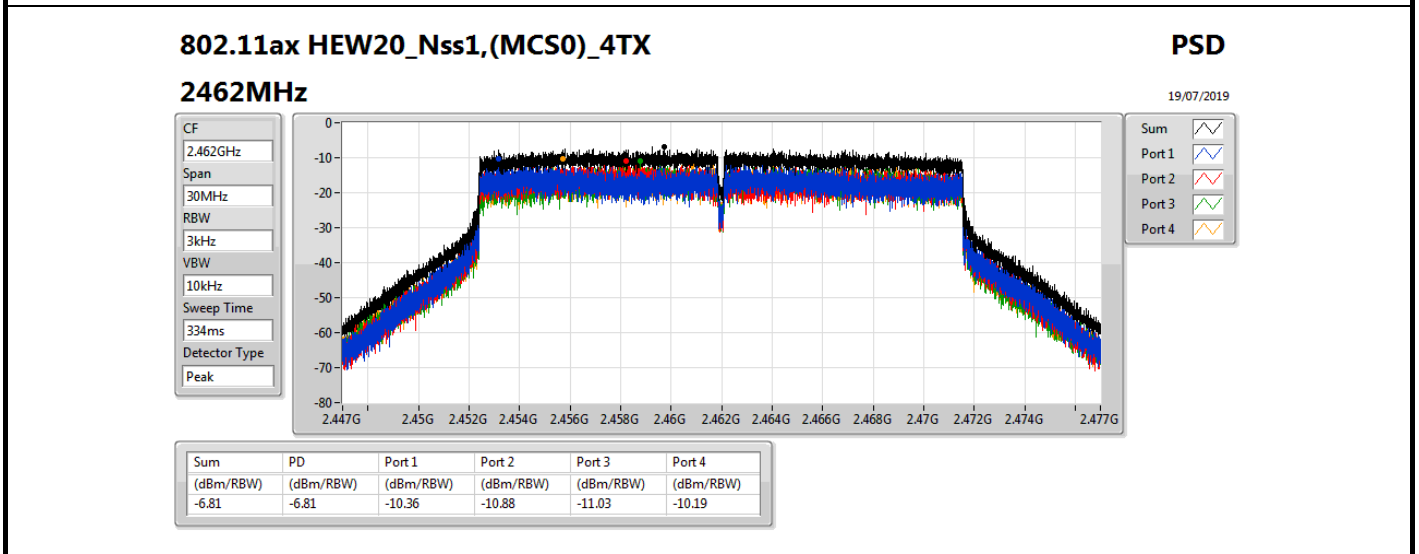
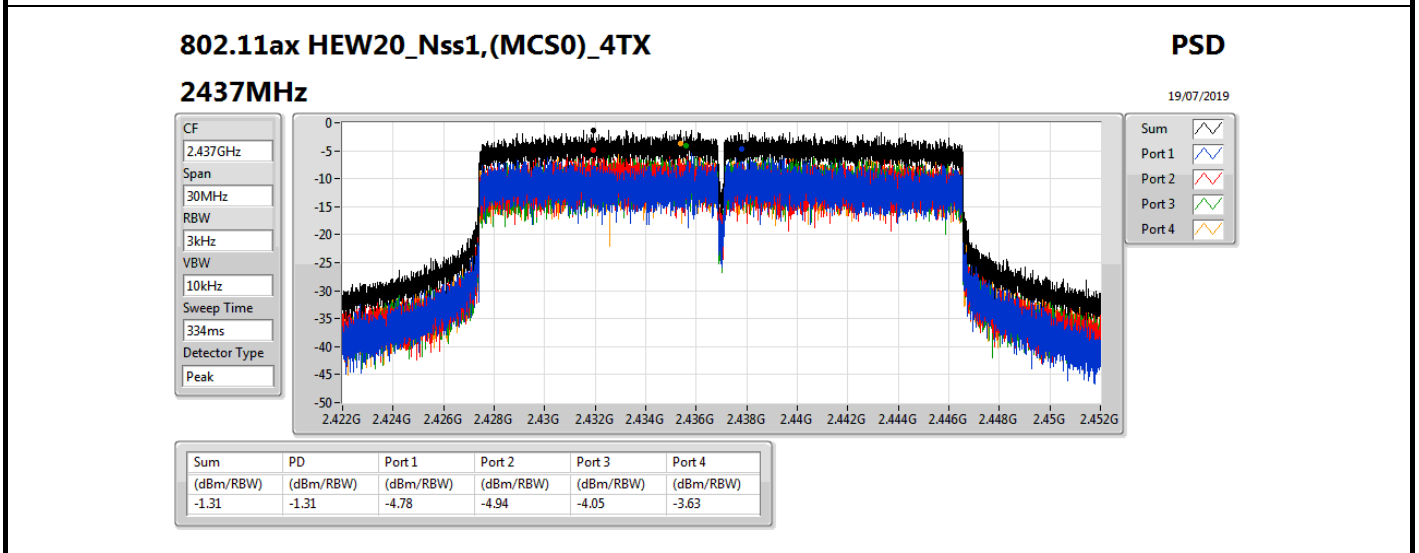
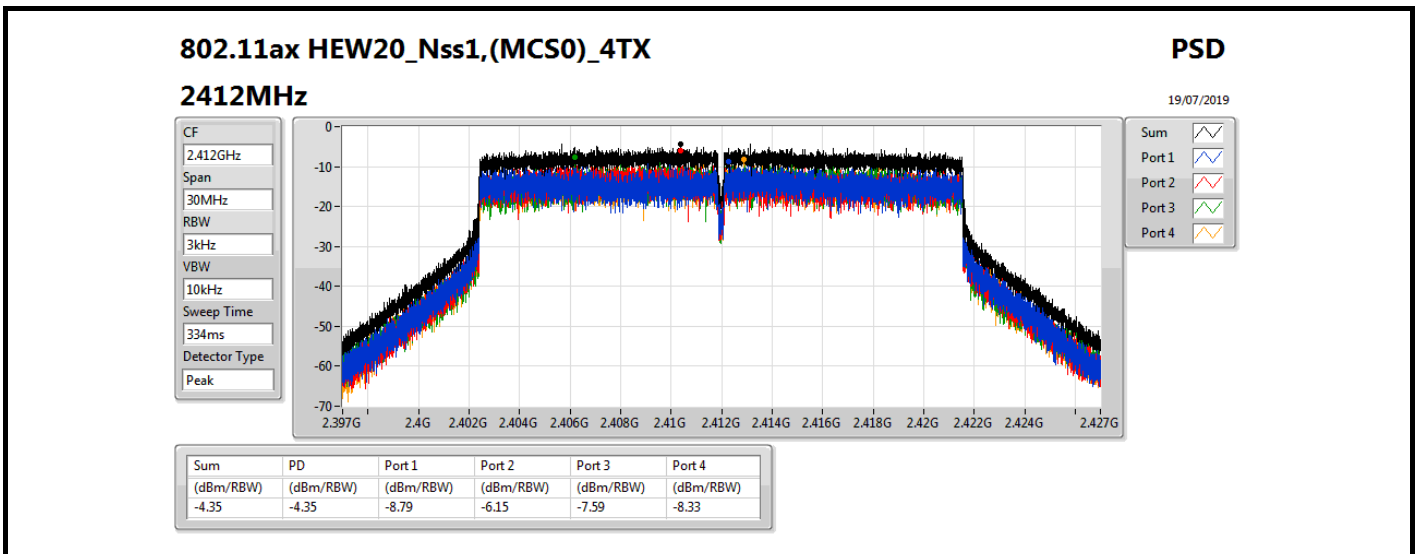
2462MHz

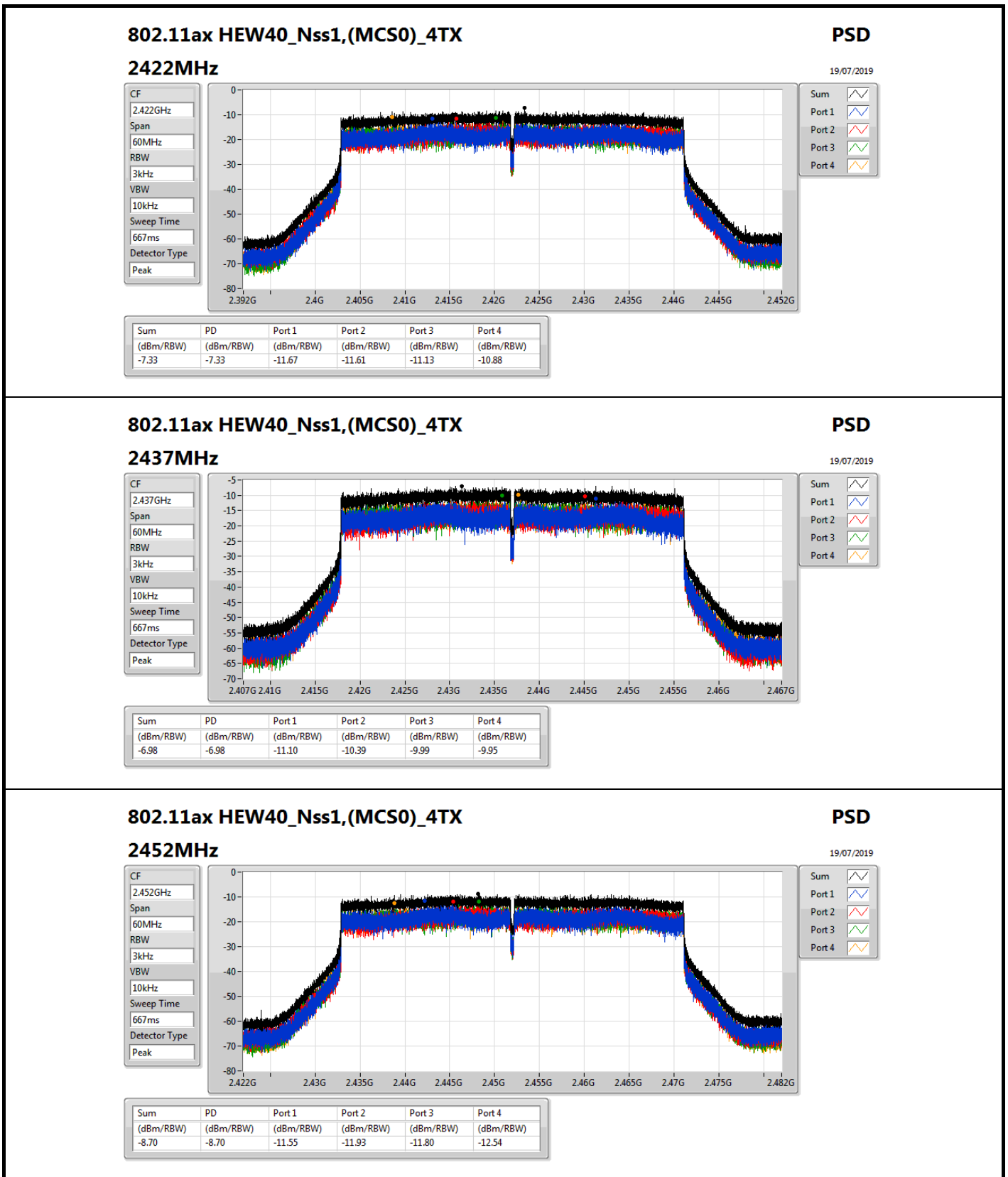
PSD

19/07/2019

CF	2.462GHz				
Span	30MHz				
RBW	3kHz				
VBW	10kHz				
Sweep Time	334ms				
Detector Type	Peak				

Sum	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.22	-5.22	-9.02	-10.11	-9.82







Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-1.27
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-2.48

RBW=3 kHz.

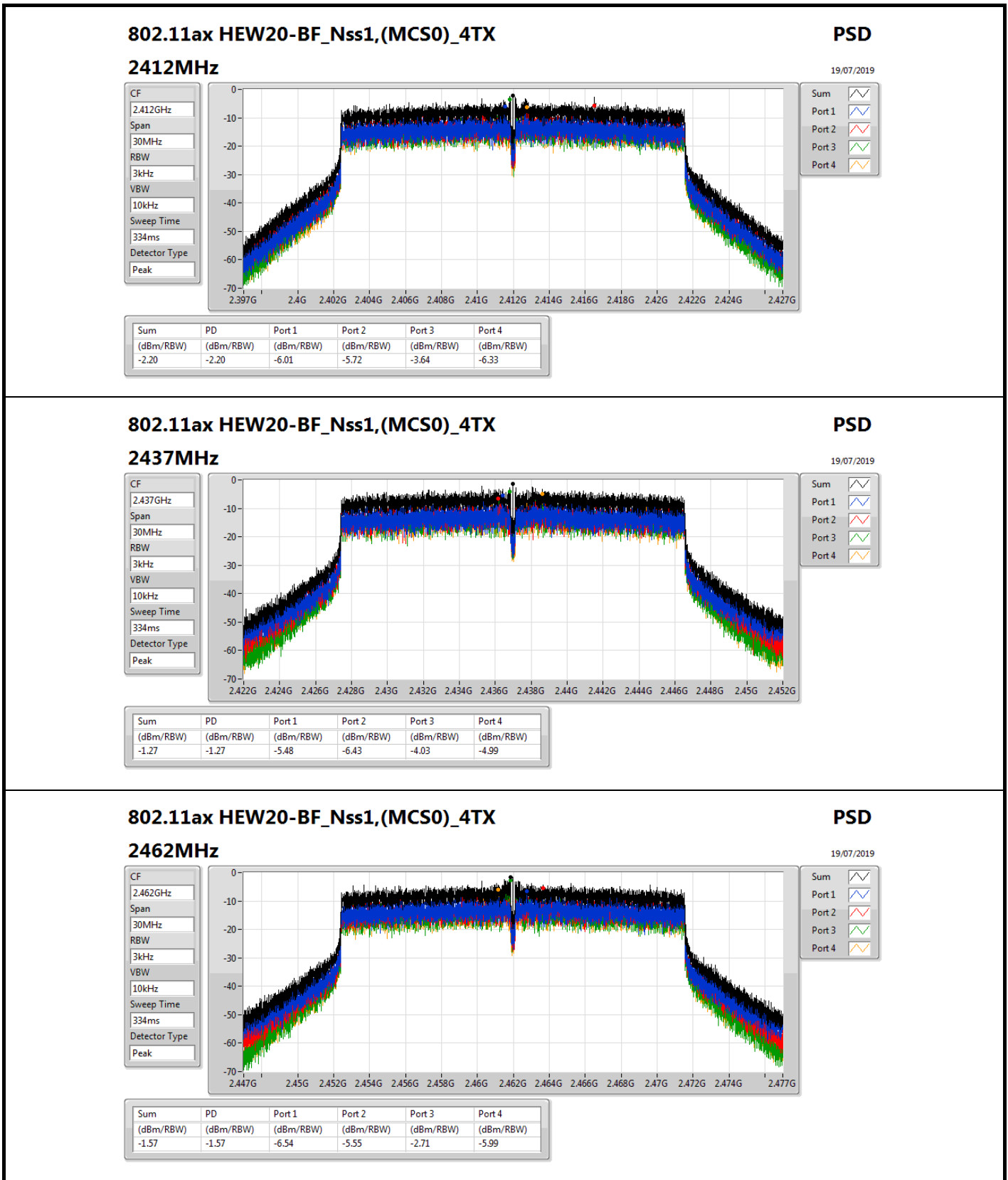


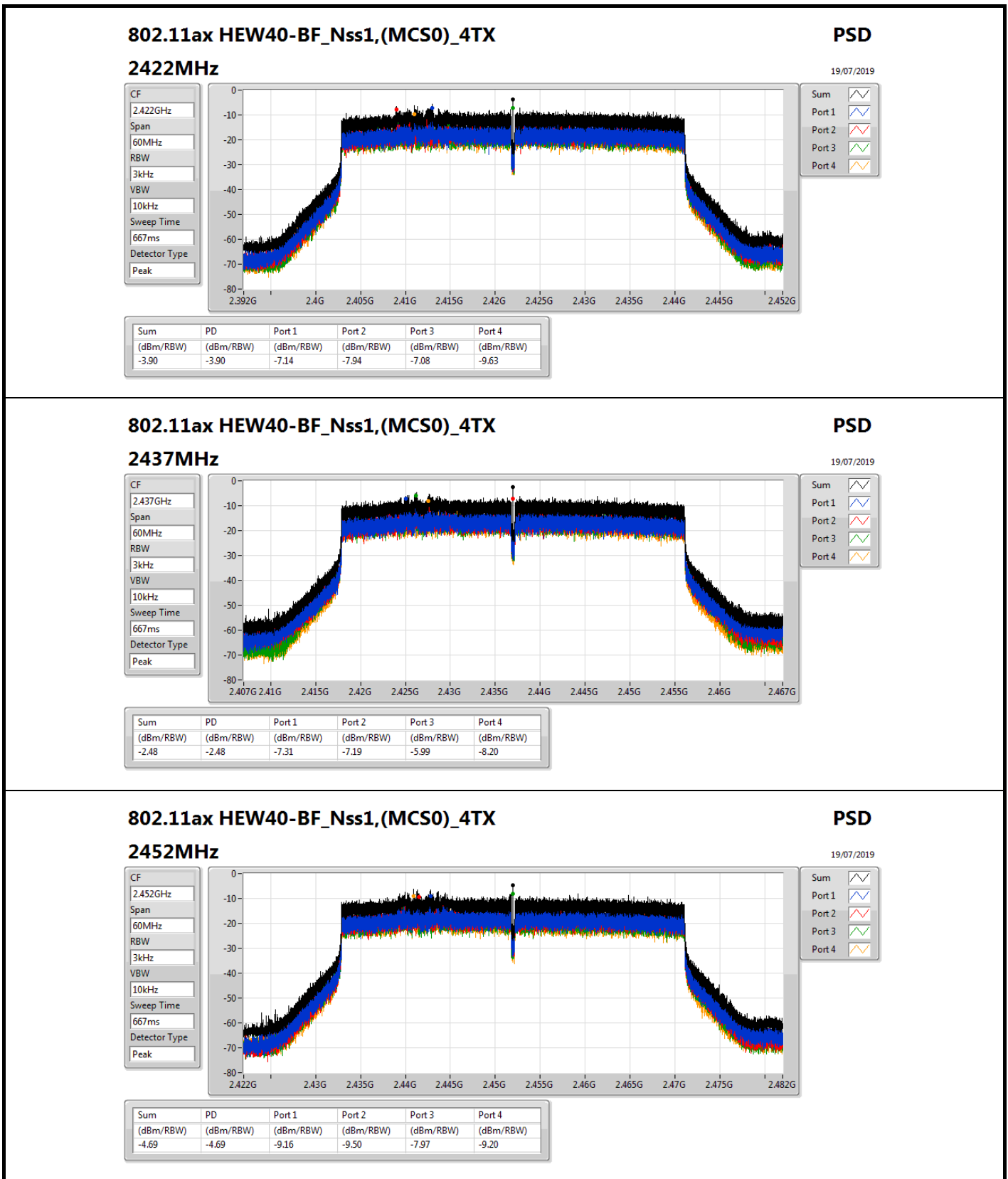
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	7.09	-6.01	-5.72	-3.64	-6.33	-2.20	6.91
2437MHz	Pass	7.09	-5.48	-6.43	-4.03	-4.99	-1.27	6.91
2462MHz	Pass	7.09	-6.54	-5.55	-2.71	-5.99	-1.57	6.91
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	7.09	-7.14	-7.94	-7.08	-9.63	-3.90	6.91
2437MHz	Pass	7.09	-7.31	-7.19	-5.99	-8.20	-2.48	6.91
2452MHz	Pass	7.09	-9.16	-9.50	-7.97	-9.20	-4.69	6.91

DG = Directional Gain; RBW=3 kHz;

PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;





802.11ax HEW40-BF_Nss1,(MCS0)_4TX

2452MHz

PSD

19/07/2019

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.69	-4.69	-9.16	-9.50	-7.97	-9.20

Sum	Port 1	Port 2	Port 3	Port 4
-4.69	-9.16	-9.50	-7.97	-9.20



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX	-0.58
802.11g_Nss1,(6Mbps)_1TX	-5.07
802.11ax HEW20_Nss1,(MCS0)_1TX	-4.84
802.11ax HEW40_Nss1,(MCS0)_1TX	-9.79

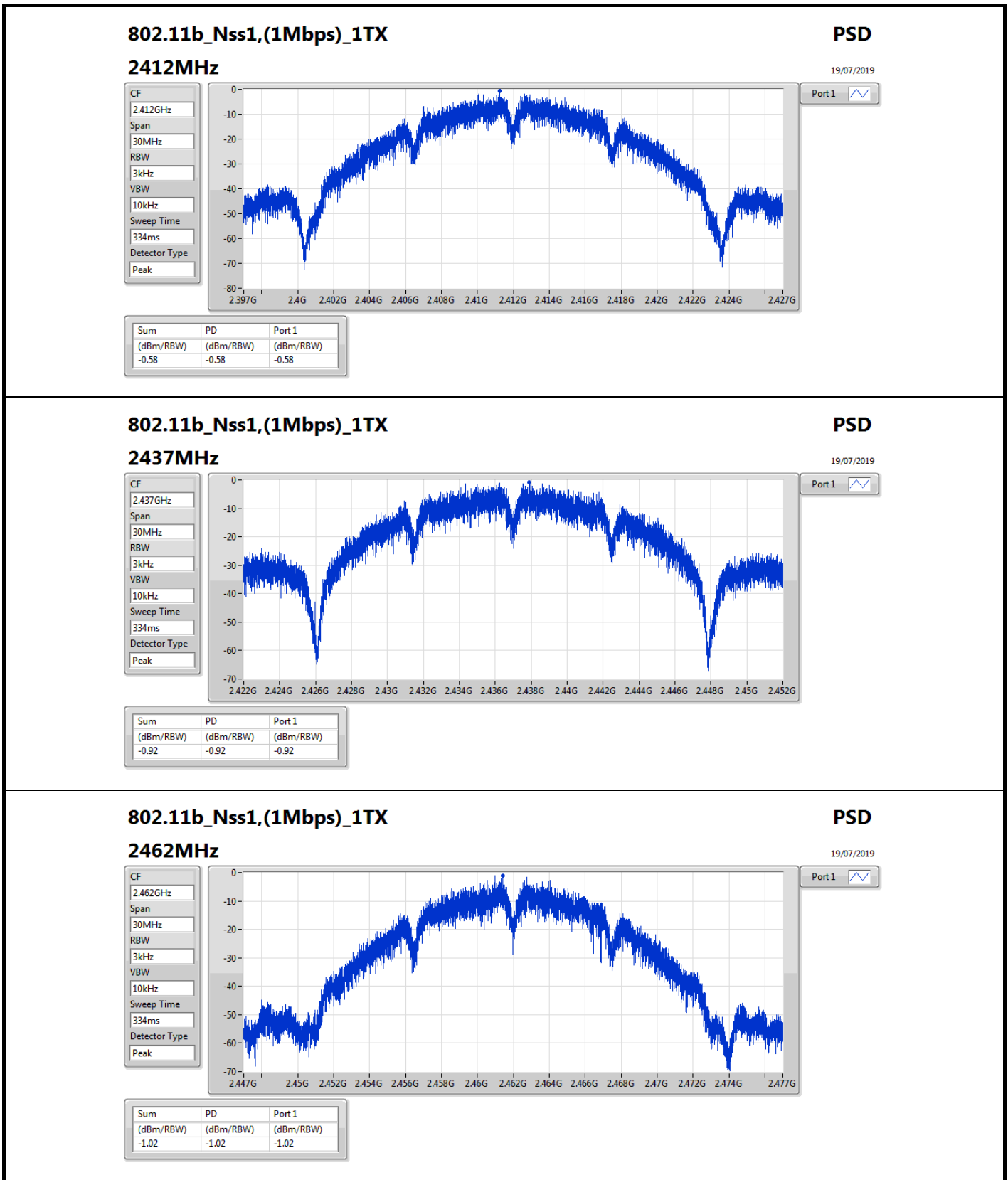
RBW=3 kHz.

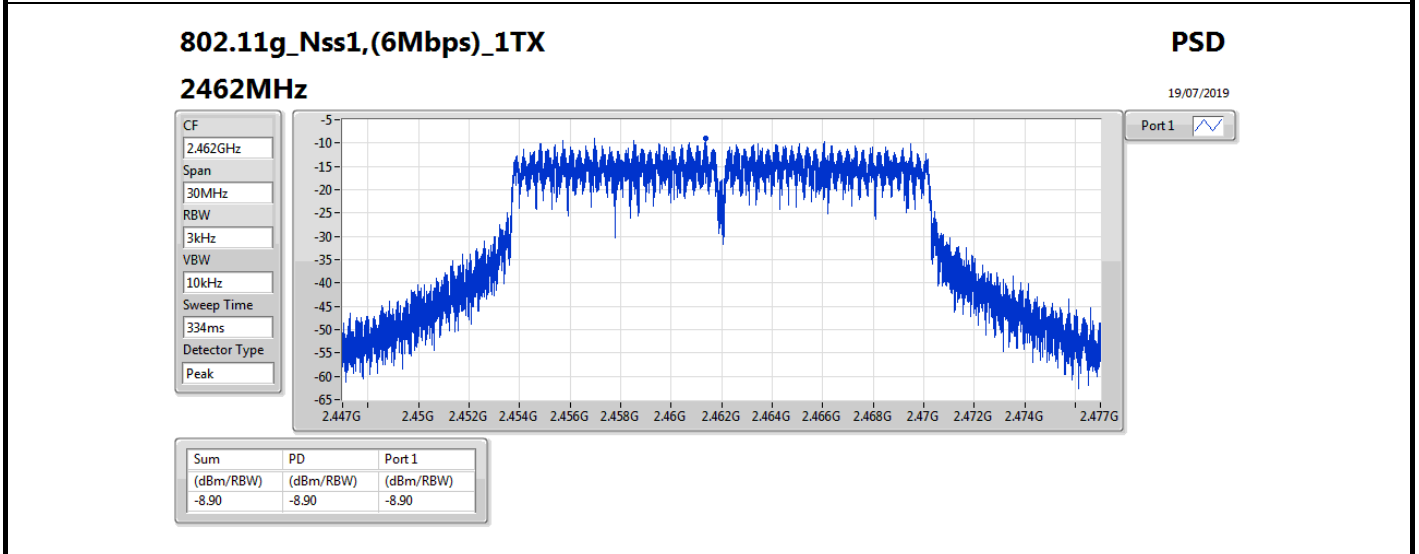
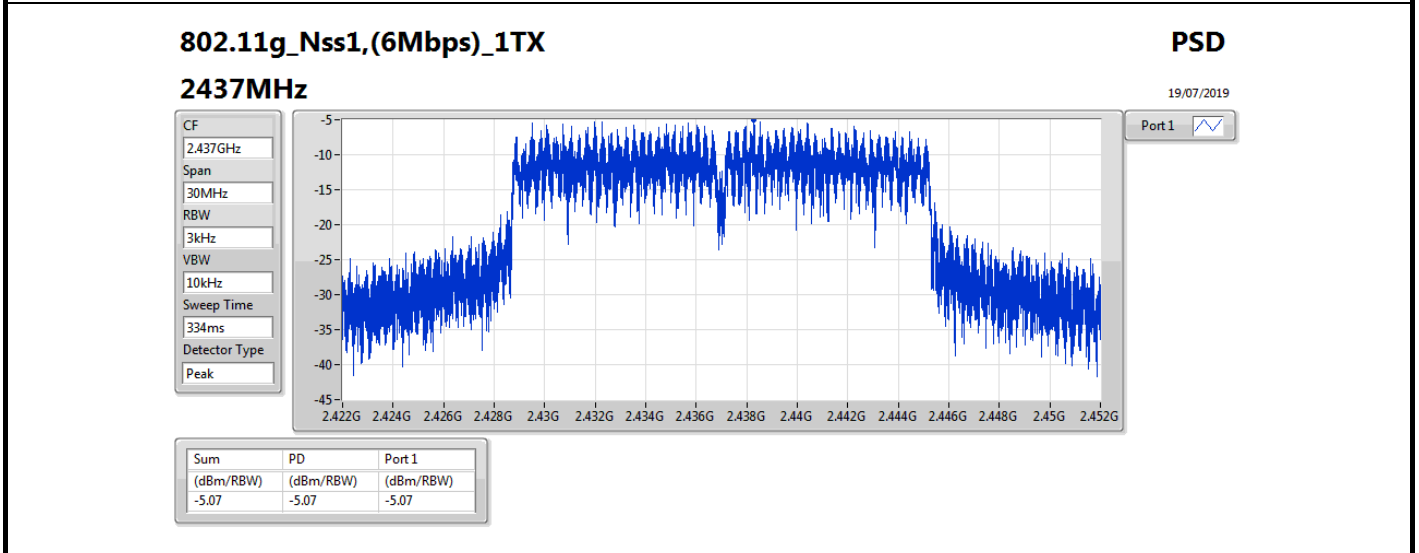
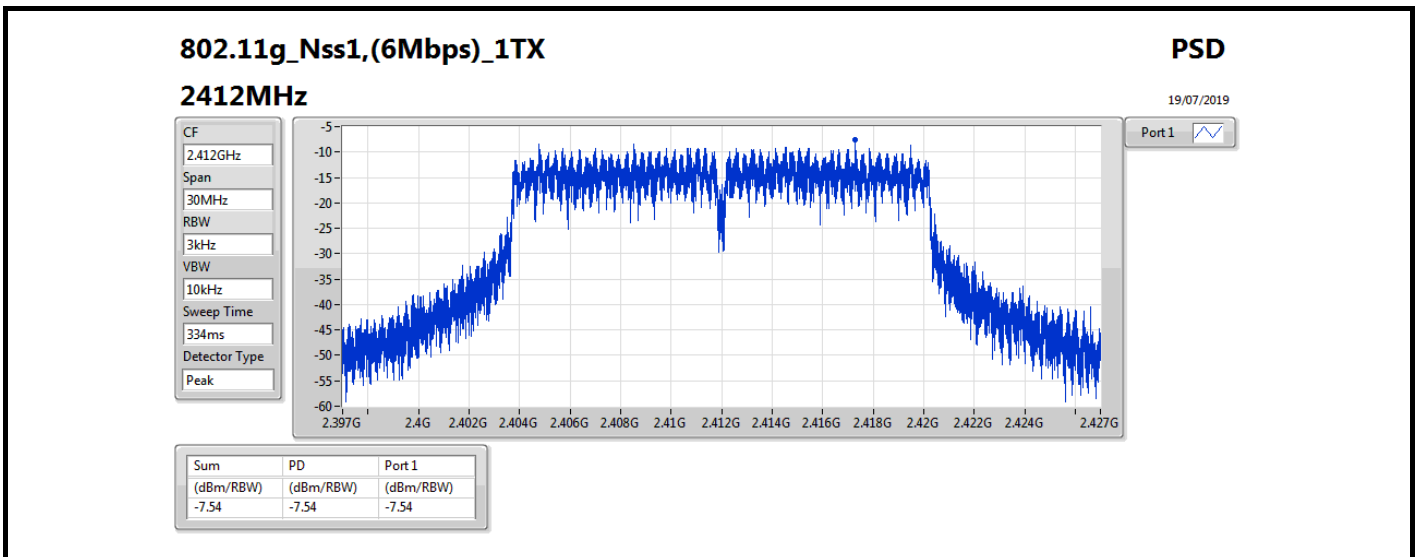
Result

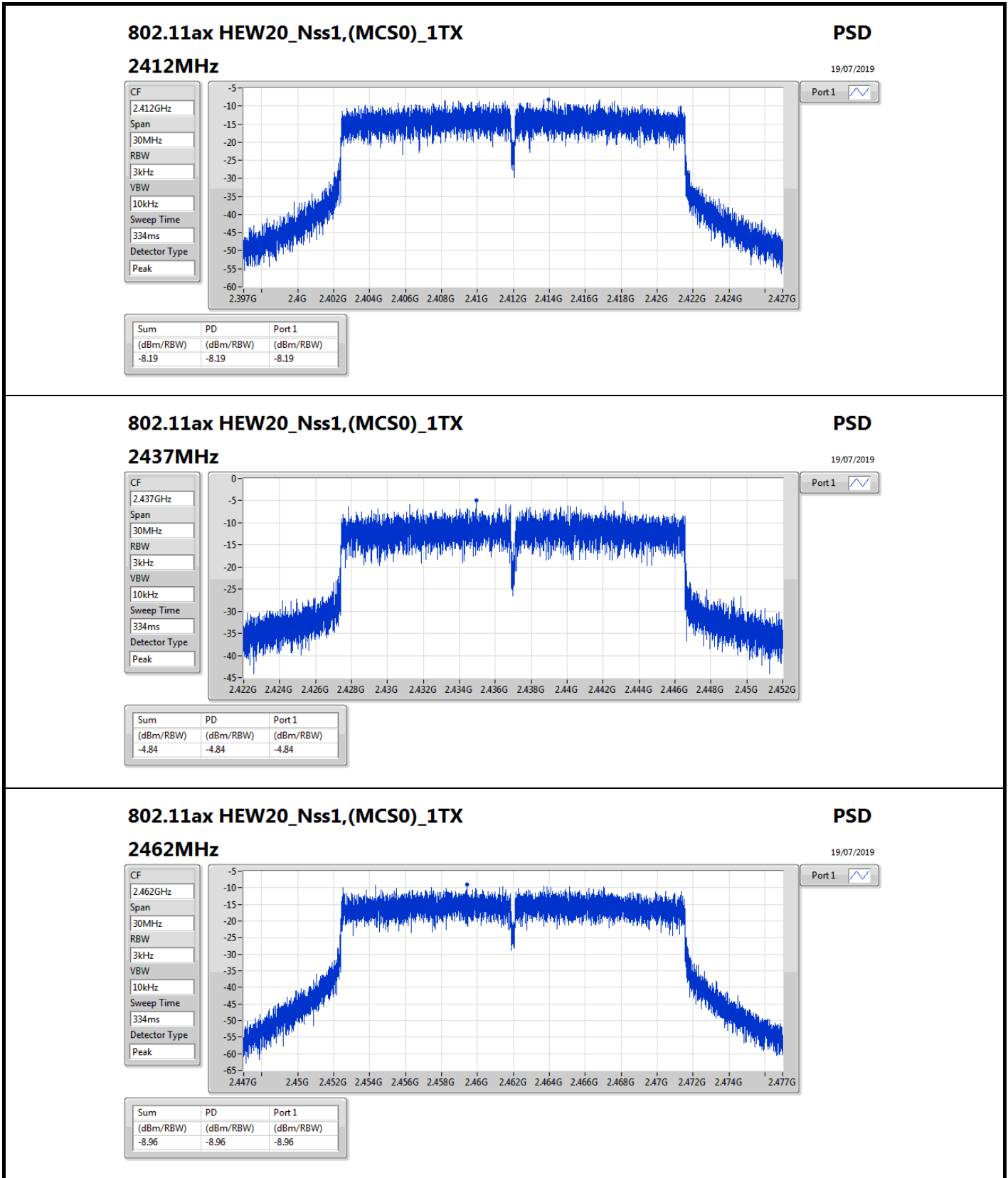
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	1.89	-0.58	-0.58	8.00
2437MHz	Pass	1.89	-0.92	-0.92	8.00
2462MHz	Pass	1.89	-1.02	-1.02	8.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	1.89	-7.54	-7.54	8.00
2437MHz	Pass	1.89	-5.07	-5.07	8.00
2462MHz	Pass	1.89	-8.90	-8.90	8.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	1.89	-8.19	-8.19	8.00
2437MHz	Pass	1.89	-4.84	-4.84	8.00
2462MHz	Pass	1.89	-8.96	-8.96	8.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	1.89	-9.79	-9.79	8.00
2437MHz	Pass	1.89	-10.21	-10.21	8.00
2452MHz	Pass	1.89	-11.68	-11.68	8.00

DG = Directional Gain; RBW=3 kHz;

PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;







802.11ax HEW20_Nss1,(MCS0)_1TX

2462MHz

PSD

19/07/2019

CF
2.462GHz

Span
30MHz

RBW
3kHz

VBW
10kHz

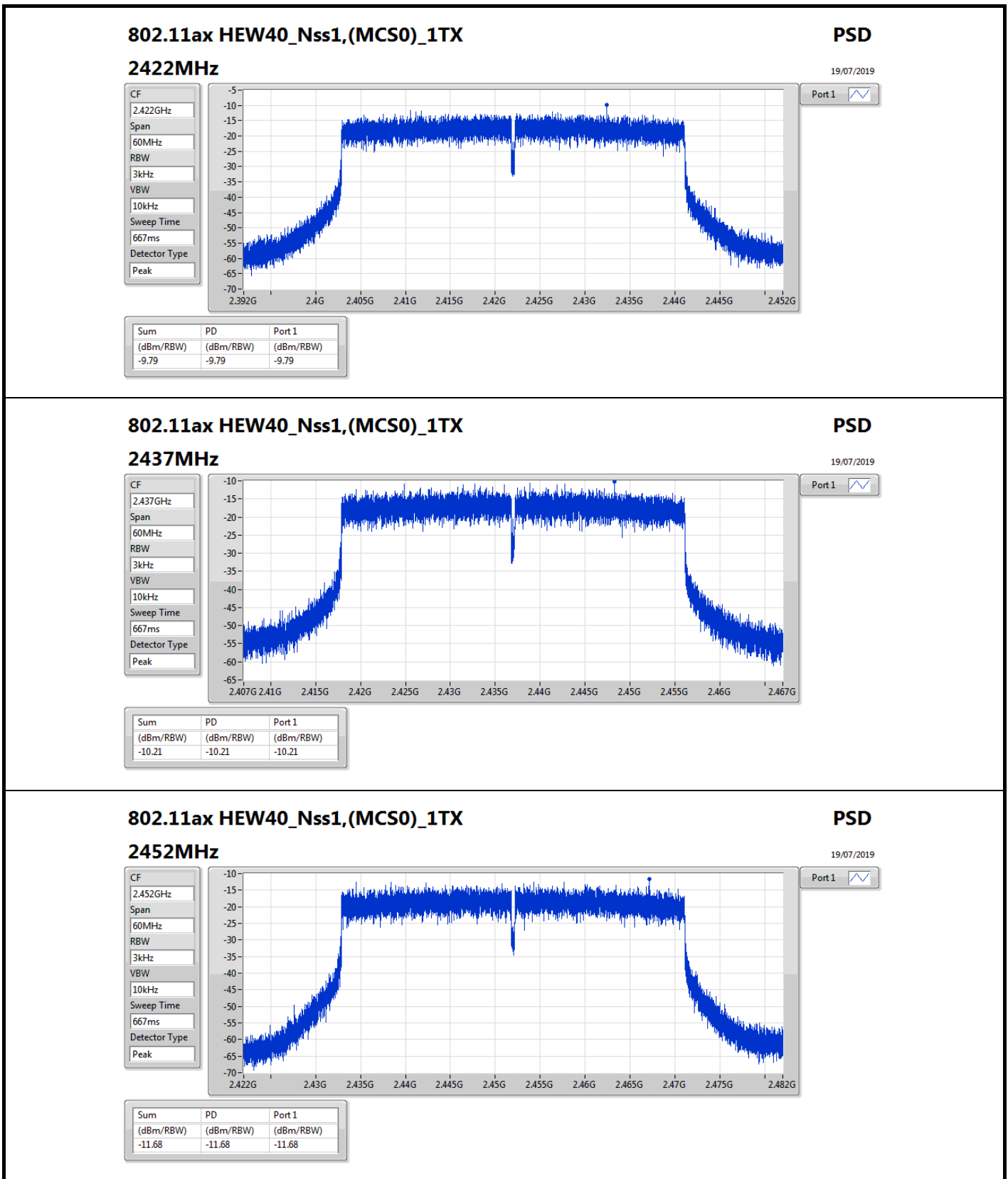
Sweep Time
334ms

Detector Type
Peak



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.96	-8.96	-8.96



802.11ax HEW40_Nss1,(MCS0)_1TX

2452MHz

PSD

19/07/2019

CF
2.452GHz

Span
60MHz

RBW
3kHz

VBW
10kHz

Sweep Time
667ms

Detector Type
Peak



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.68	-11.68	-11.68



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	1.82
802.11g_Nss1,(6Mbps)_2TX	-2.64
802.11ax HEW20_Nss1,(MCS0)_2TX	-2.45
802.11ax HEW40_Nss1,(MCS0)_2TX	-8.42

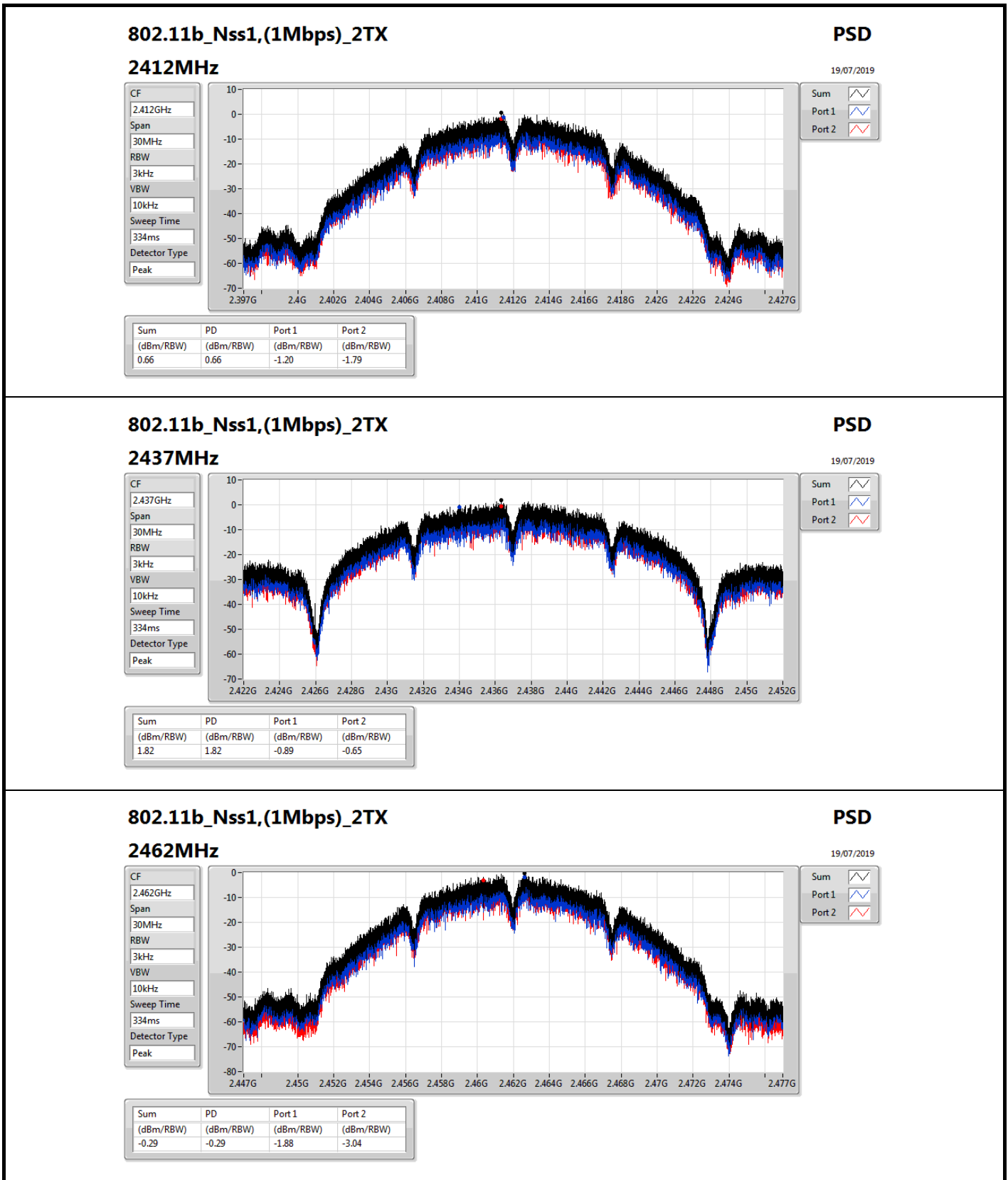
RBW=3 kHz.

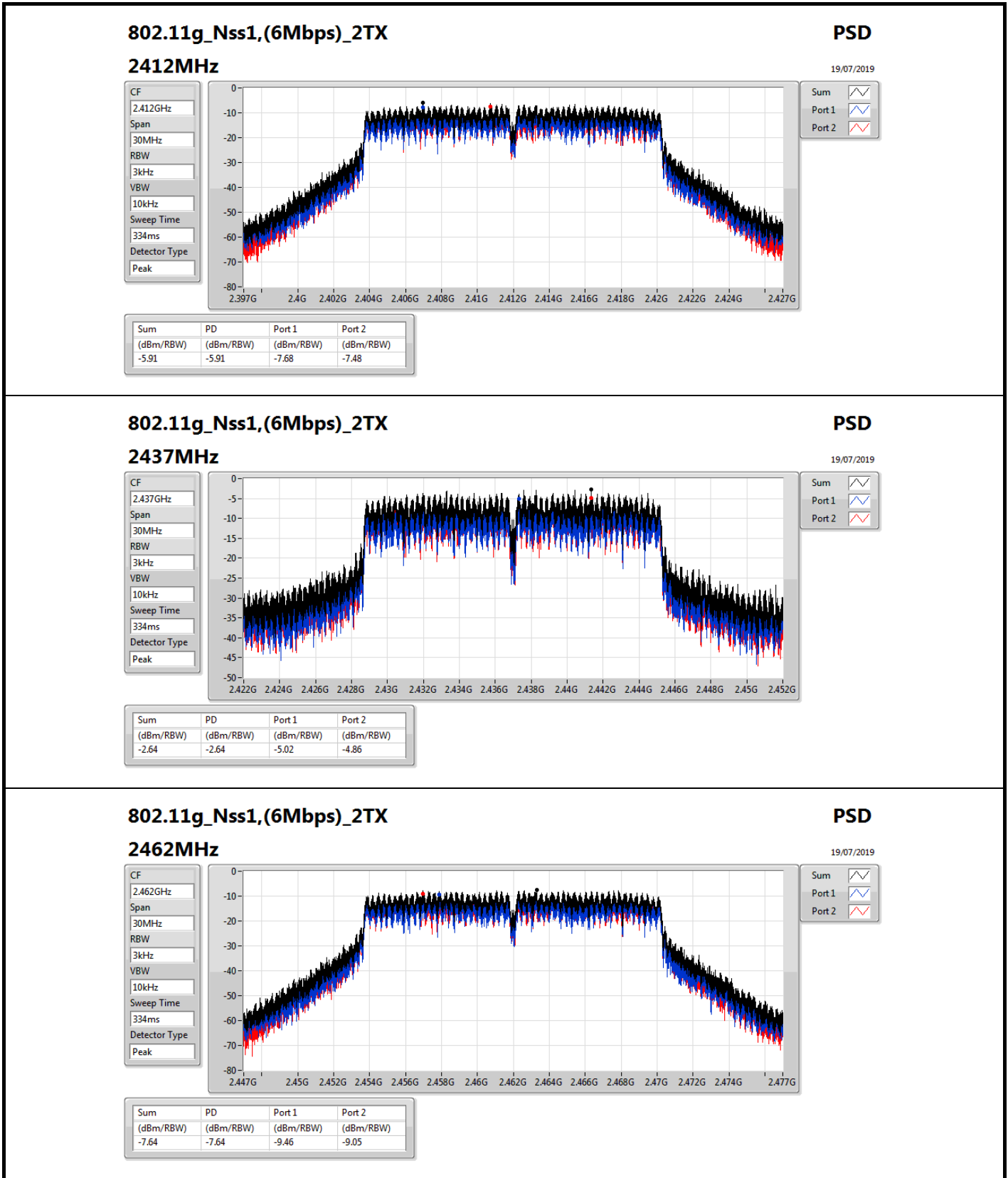
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.88	-1.20	-1.79	0.66	8.00
2437MHz	Pass	4.88	-0.89	-0.65	1.82	8.00
2462MHz	Pass	4.88	-1.88	-3.04	-0.29	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.88	-7.68	-7.48	-5.91	8.00
2437MHz	Pass	4.88	-5.02	-4.86	-2.64	8.00
2462MHz	Pass	4.88	-9.46	-9.05	-7.64	8.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.88	-7.38	-7.96	-5.92	8.00
2437MHz	Pass	4.88	-3.66	-4.71	-2.45	8.00
2462MHz	Pass	4.88	-8.93	-9.54	-7.02	8.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.88	-11.43	-10.02	-9.80	8.00
2437MHz	Pass	4.88	-10.08	-10.12	-8.42	8.00
2452MHz	Pass	4.88	-12.05	-12.08	-10.52	8.00

DG = Directional Gain; RBW=3 kHz;

PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;





802.11g_Nss1,(6Mbps)_2TX

2462MHz

PSD

19/07/2019

CF
2.462GHz

Span
30MHz

RBW
3kHz

VBW
10kHz

Sweep Time
334ms

Detector Type
Peak

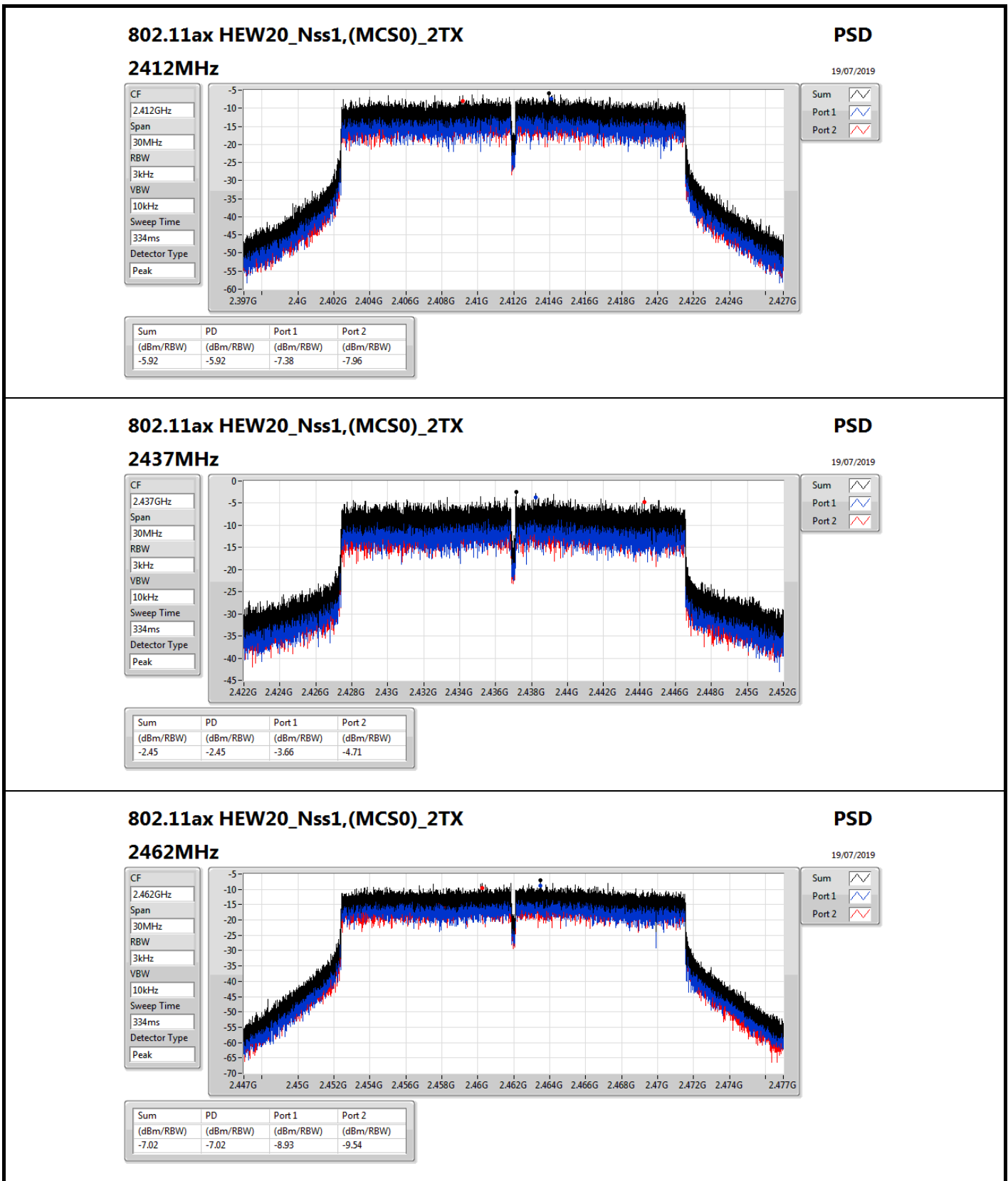


Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.64	-7.64	-9.46	-9.05



802.11ax HEW20_Nss1,(MCS0)_2TX

2462MHz

PSD

19/07/2019

CF
2.462GHz

Span
30MHz

RBW
3kHz

VBW
10kHz

Sweep Time
334ms

Detector Type
Peak

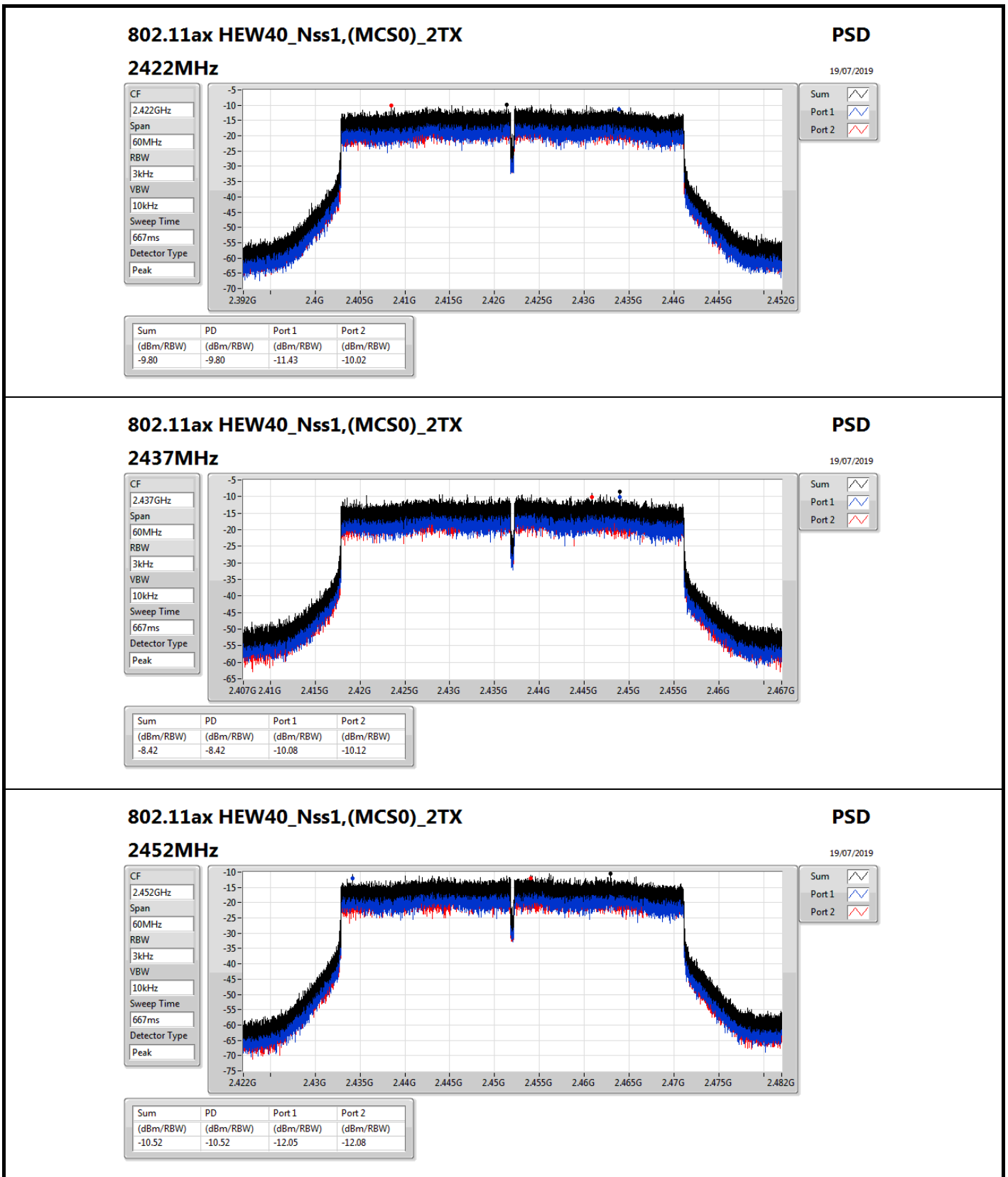


Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.02	-7.02	-8.93	-9.54



802.11ax HEW40_Nss1,(MCS0)_2TX

2452MHz

PSD

19/07/2019

CF
2.452GHz

Span
60MHz

RBW
3kHz

VBW
10kHz

Sweep Time
667ms

Detector Type
Peak



Sum 

Port 1 

Port 2 



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-2.97
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-3.99

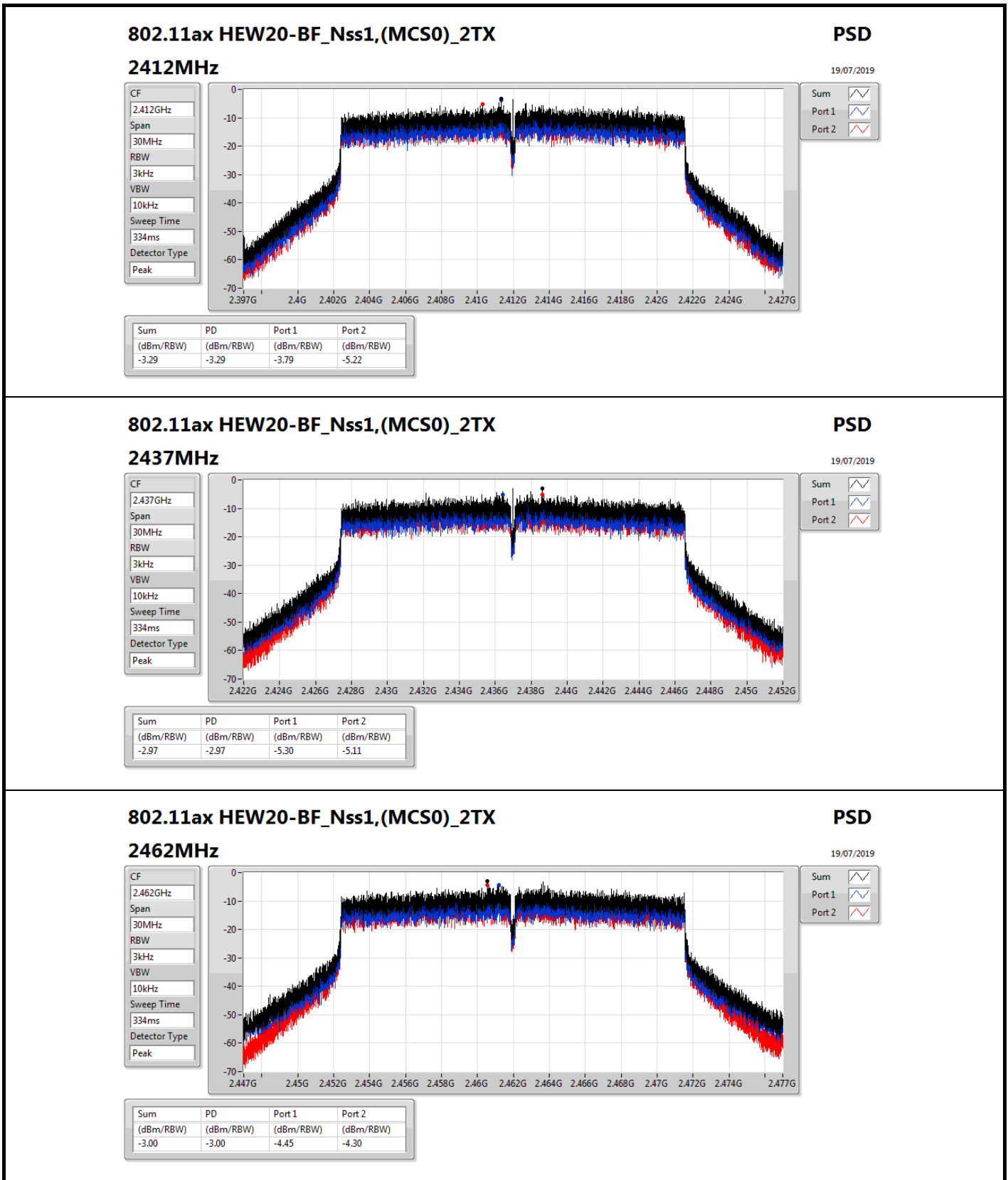
RBW=3 kHz.

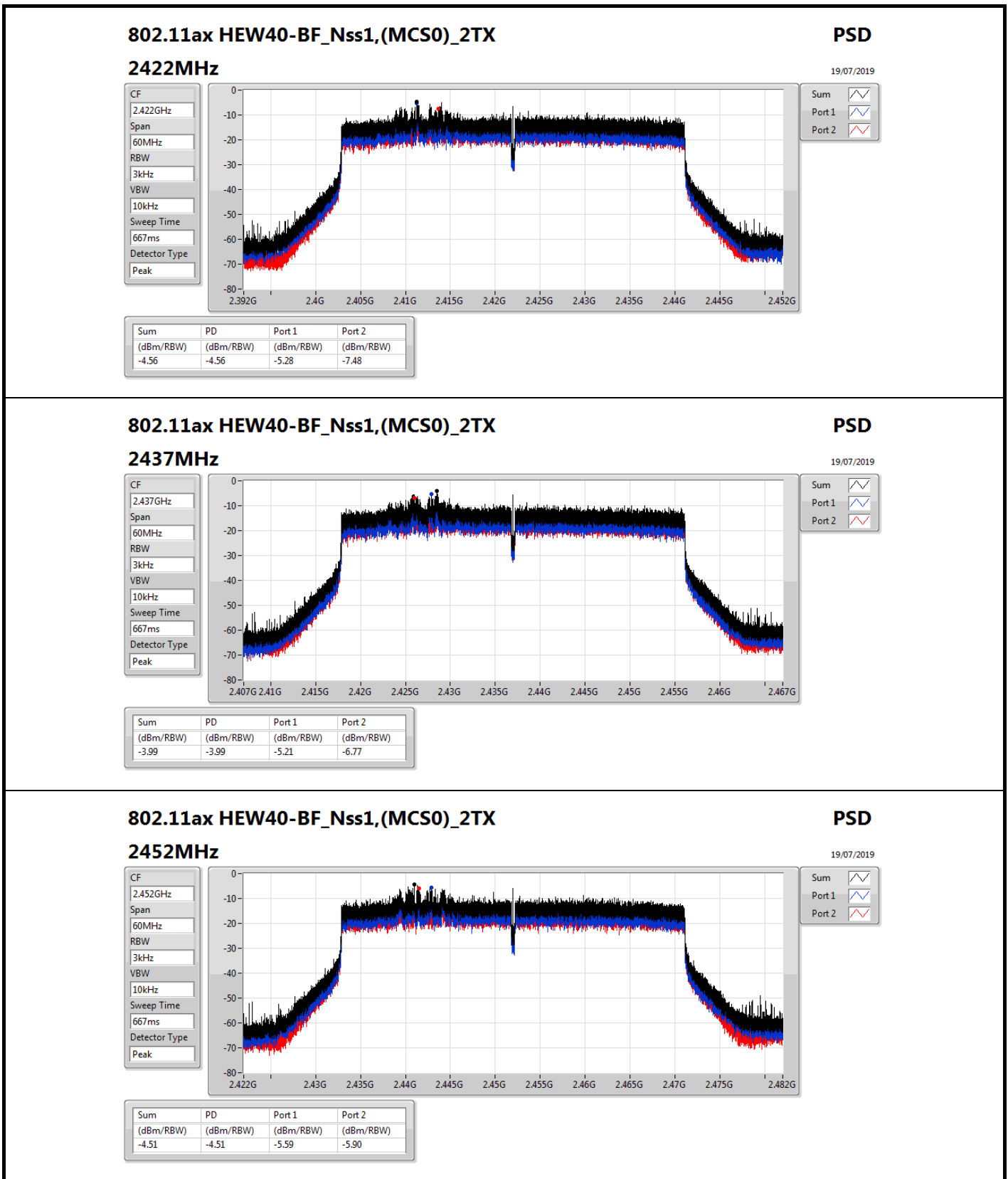
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.88	-3.79	-5.22	-3.29	8.00
2437MHz	Pass	4.88	-5.30	-5.11	-2.97	8.00
2462MHz	Pass	4.88	-4.45	-4.30	-3.00	8.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.88	-5.28	-7.48	-4.56	8.00
2437MHz	Pass	4.88	-5.21	-6.77	-3.99	8.00
2452MHz	Pass	4.88	-5.59	-5.90	-4.51	8.00

DG = Directional Gain; RBW=3 kHz;

PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X power density;





802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2452MHz

PSD

19/07/2019

CF
2.452GHz

Span
60MHz

RBW
3kHz

VBW
10kHz

Sweep Time
667ms

Detector Type
Peak



Sum

Port 1

Port 2



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_4TX	4.04
802.11g_Nss1,(6Mbps)_4TX	-0.52
802.11ax HEW20_Nss1,(MCS0)_4TX	-1.51
802.11ax HEW40_Nss1,(MCS0)_4TX	-6.98

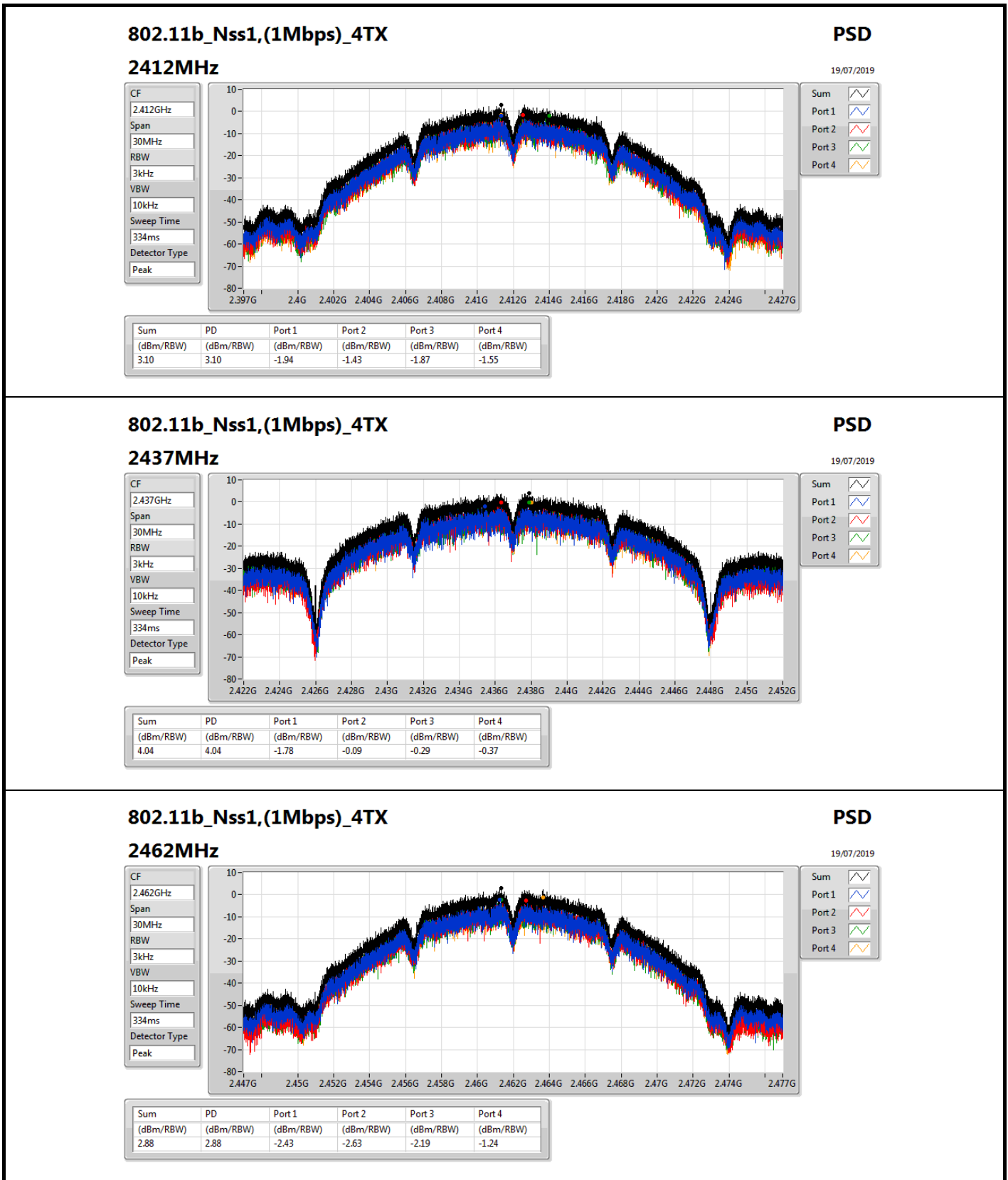
RBW=3 kHz.

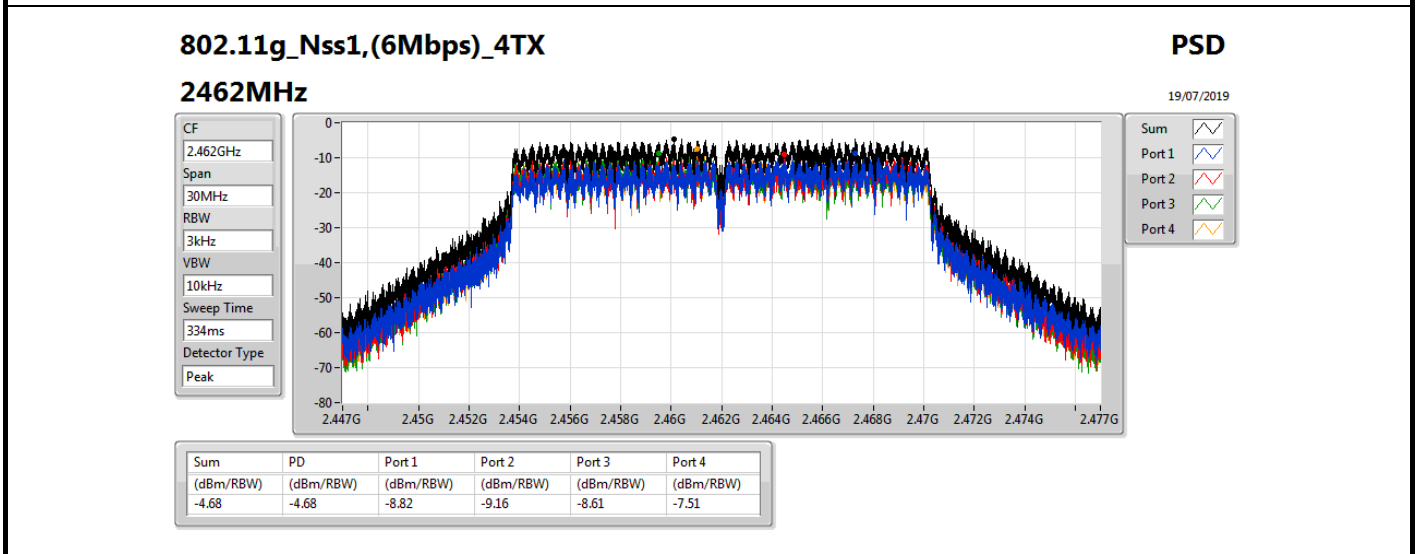
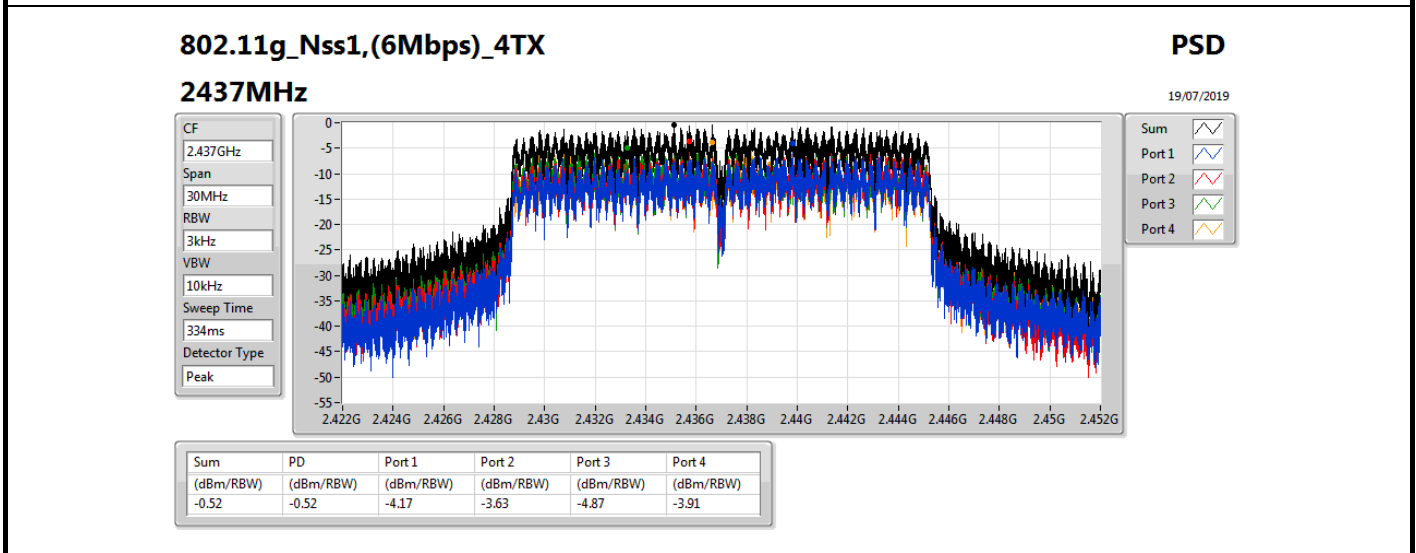
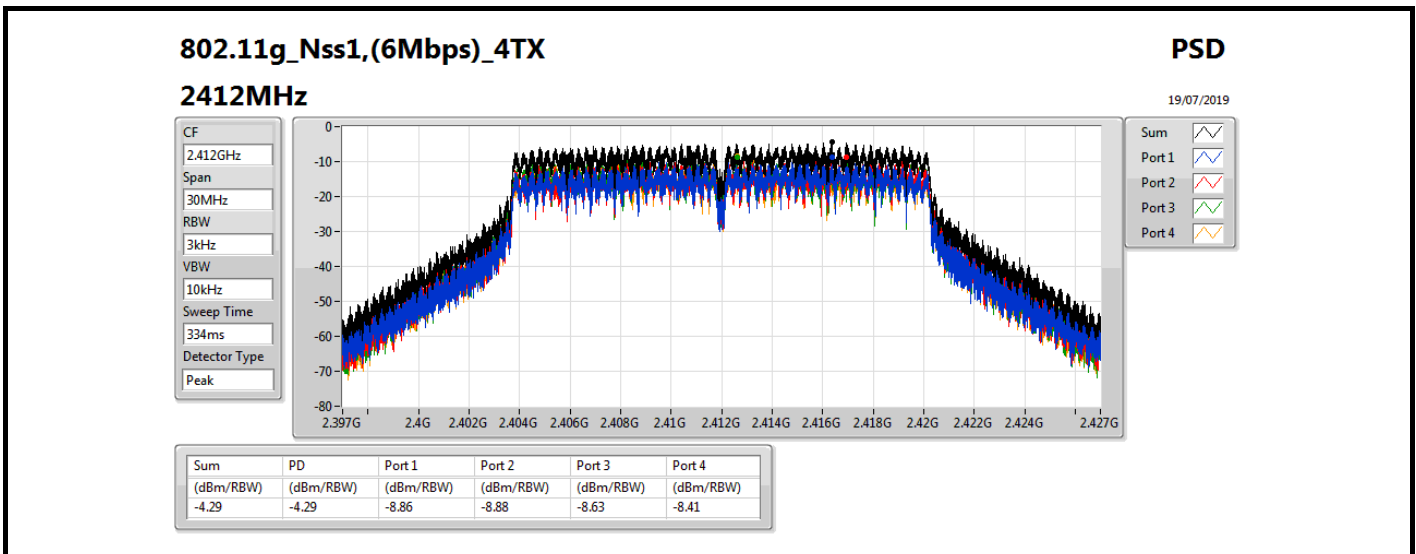
Result

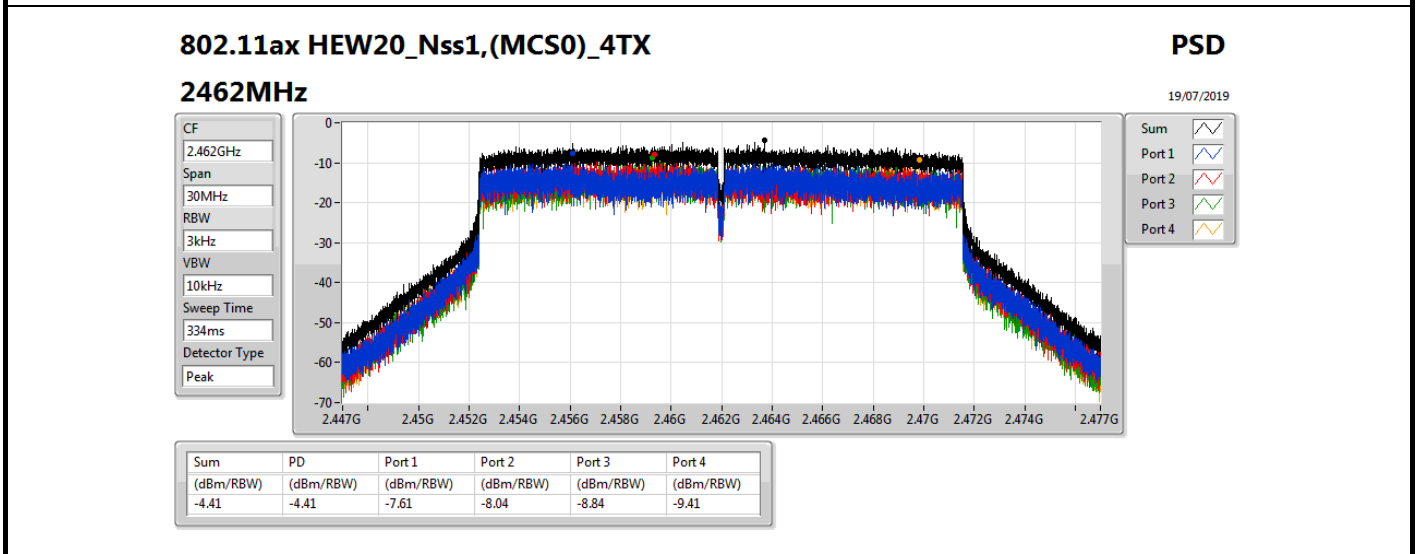
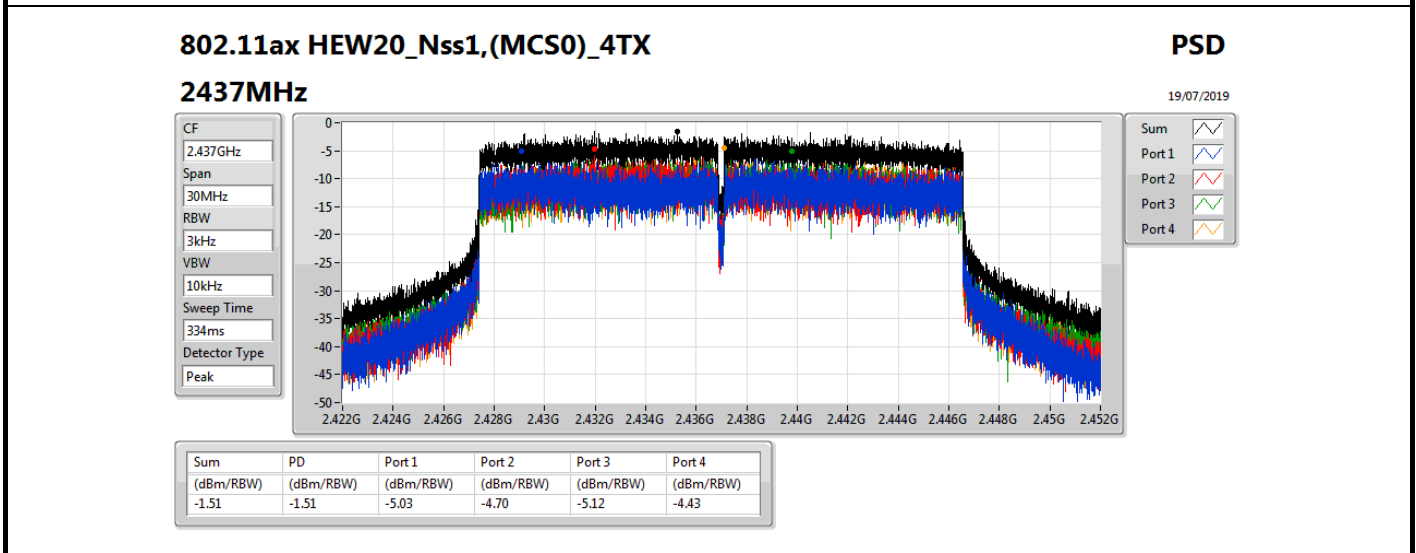
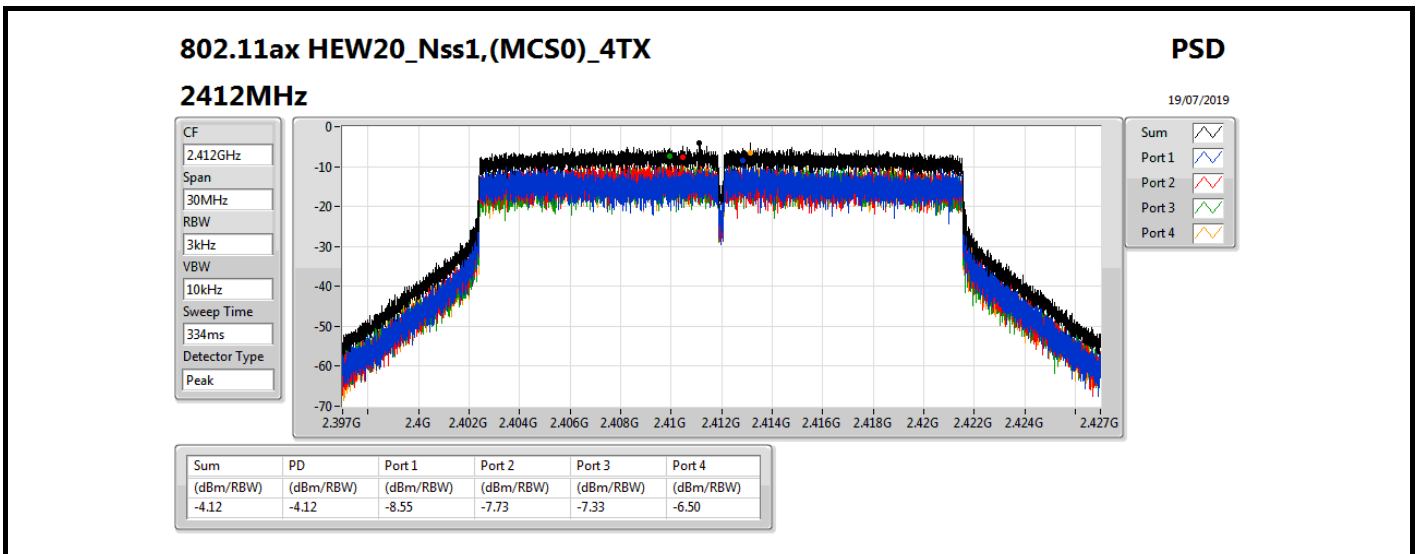
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	6.83	-1.94	-1.43	-1.87	-1.55	3.10	7.17
2437MHz	Pass	6.83	-1.78	-0.09	-0.29	-0.37	4.04	7.17
2462MHz	Pass	6.83	-2.43	-2.63	-2.19	-1.24	2.88	7.17
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	6.83	-8.86	-8.88	-8.63	-8.41	-4.29	7.17
2437MHz	Pass	6.83	-4.17	-3.63	-4.87	-3.91	-0.52	7.17
2462MHz	Pass	6.83	-8.82	-9.16	-8.61	-7.51	-4.68	7.17
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	6.83	-8.55	-7.73	-7.33	-6.50	-4.12	7.17
2437MHz	Pass	6.83	-5.03	-4.70	-5.12	-4.43	-1.51	7.17
2462MHz	Pass	6.83	-7.61	-8.04	-8.84	-9.41	-4.41	7.17
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	6.83	-11.38	-11.26	-10.06	-10.54	-6.98	7.17
2437MHz	Pass	6.83	-10.06	-10.35	-10.70	-10.29	-7.03	7.17
2452MHz	Pass	6.83	-13.53	-13.60	-13.45	-13.06	-9.77	7.17

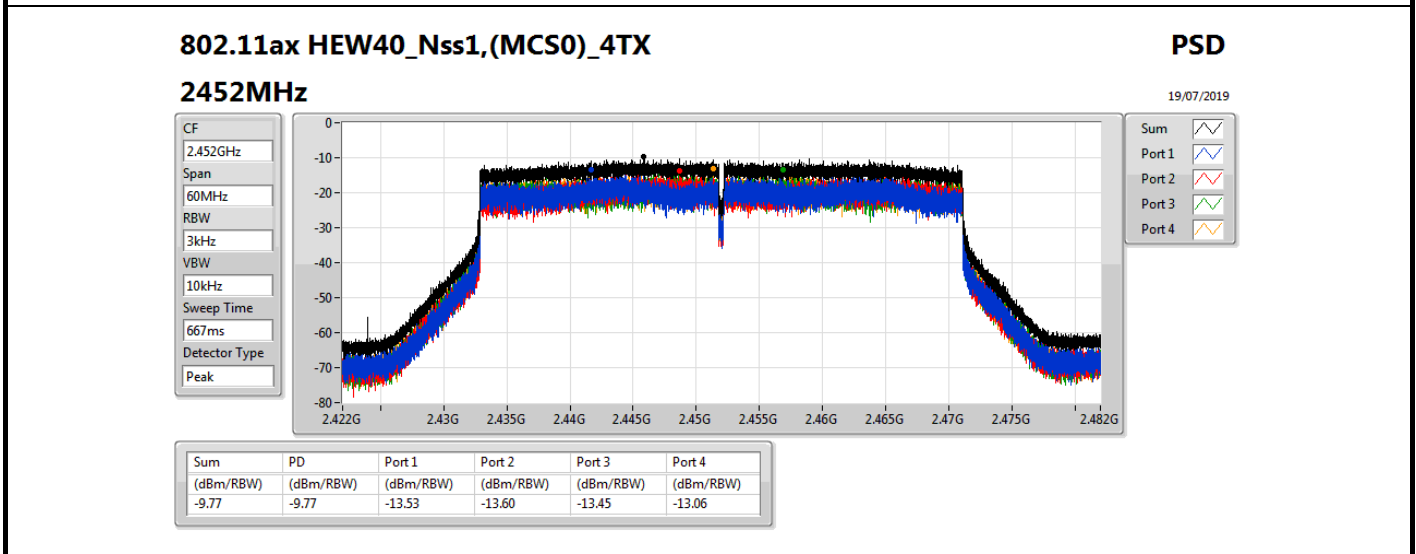
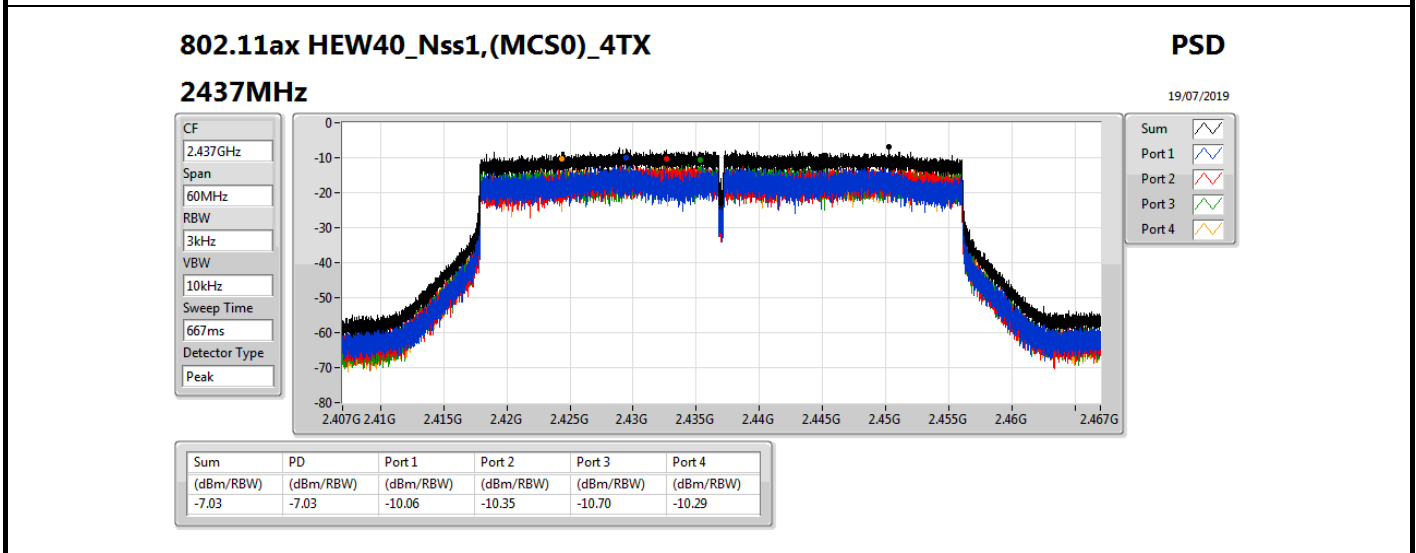
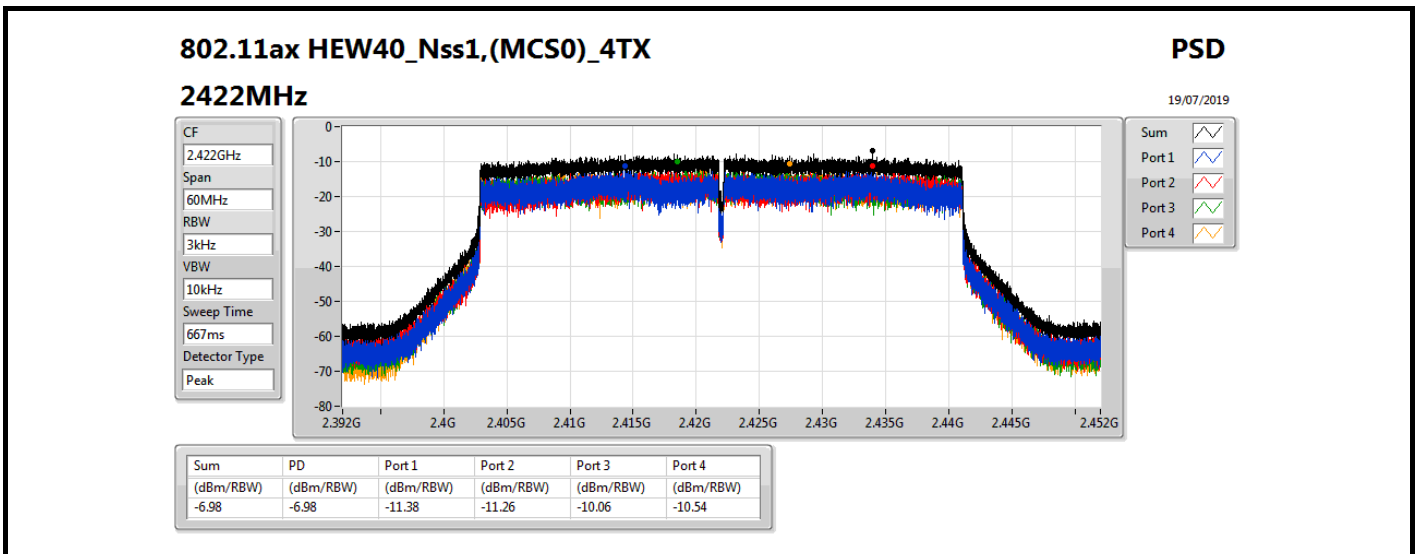
DG = Directional Gain; RBW=3 kHz;

PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X power density;











Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-0.43
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-2.13

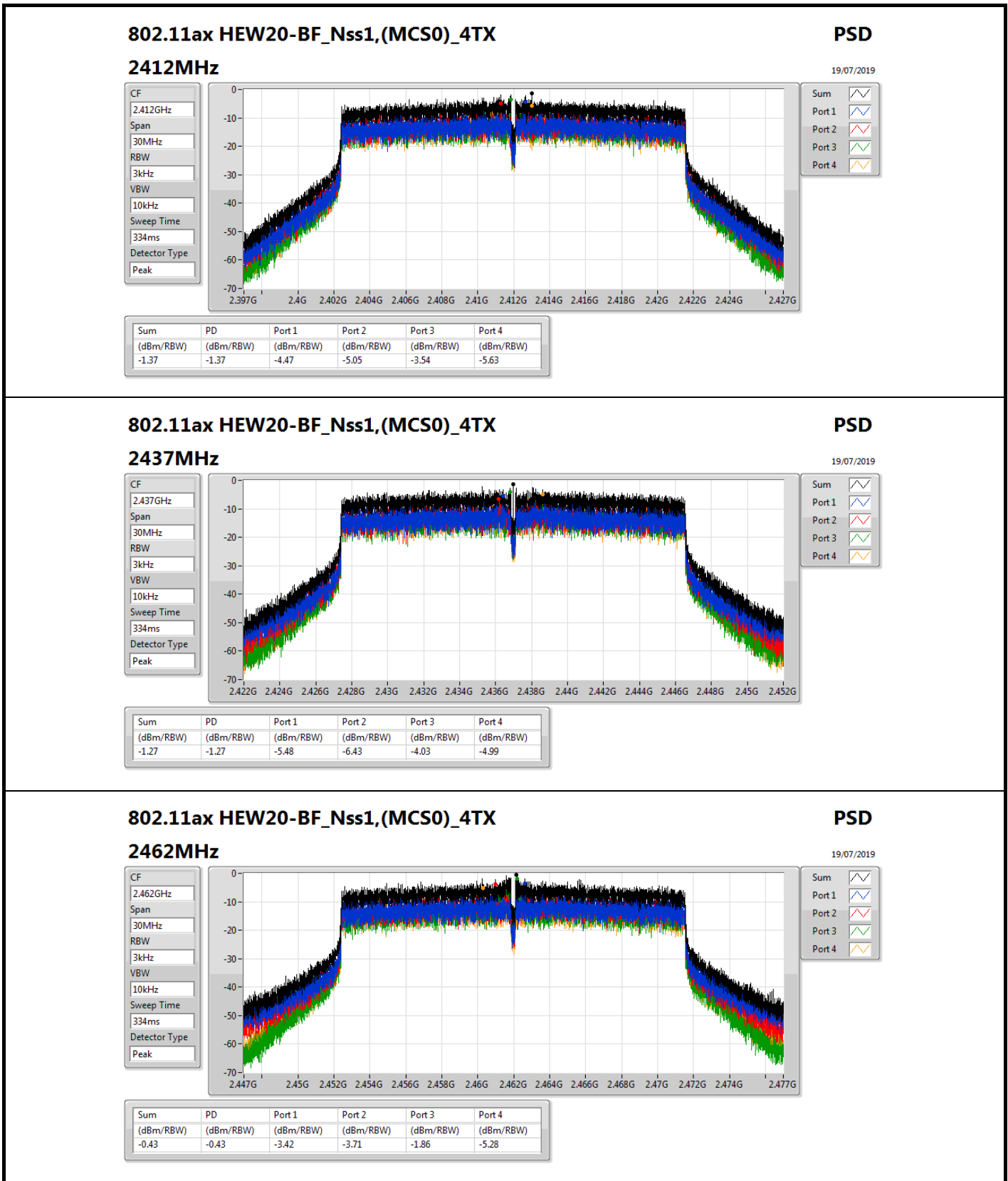
RBW=3 kHz.

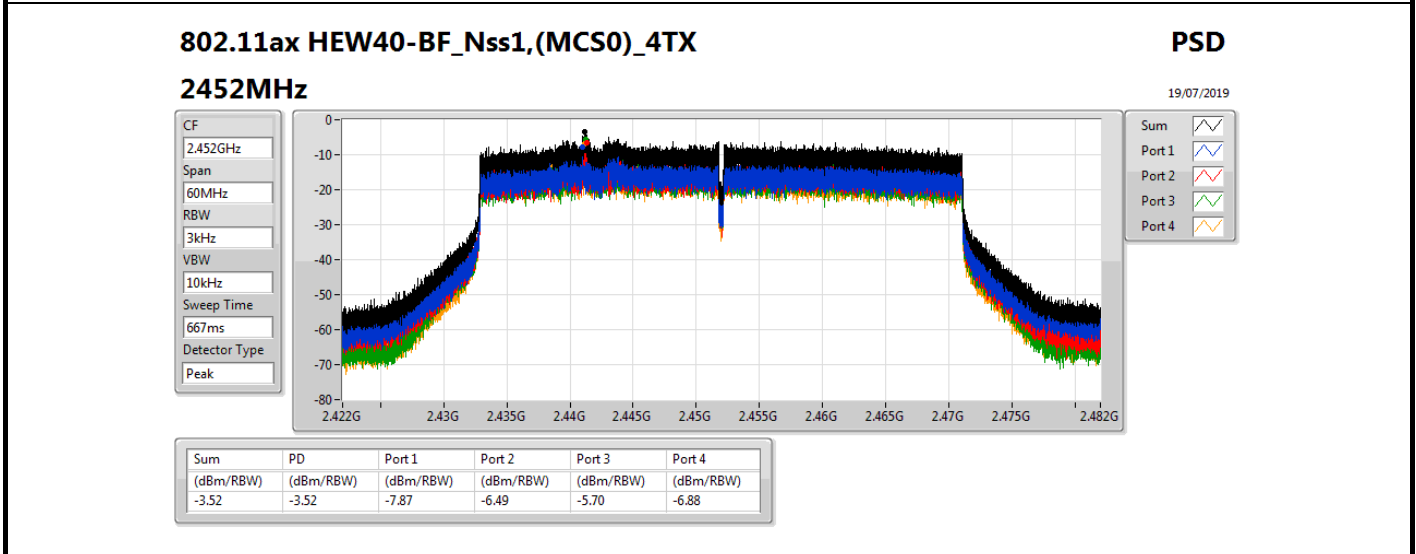
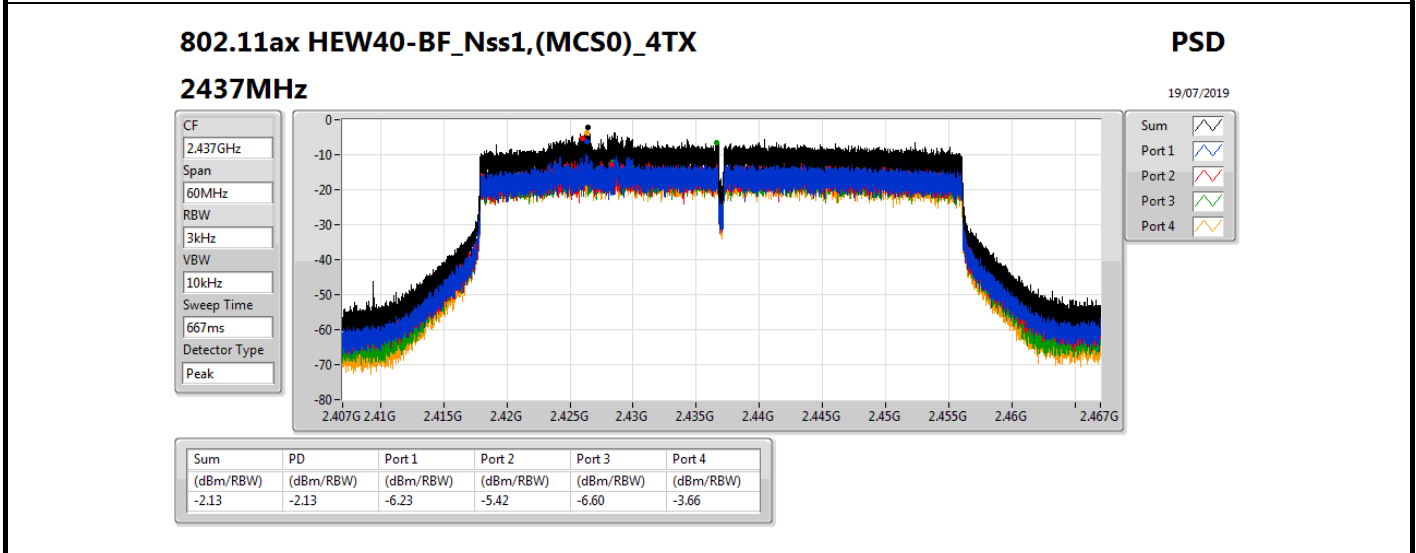
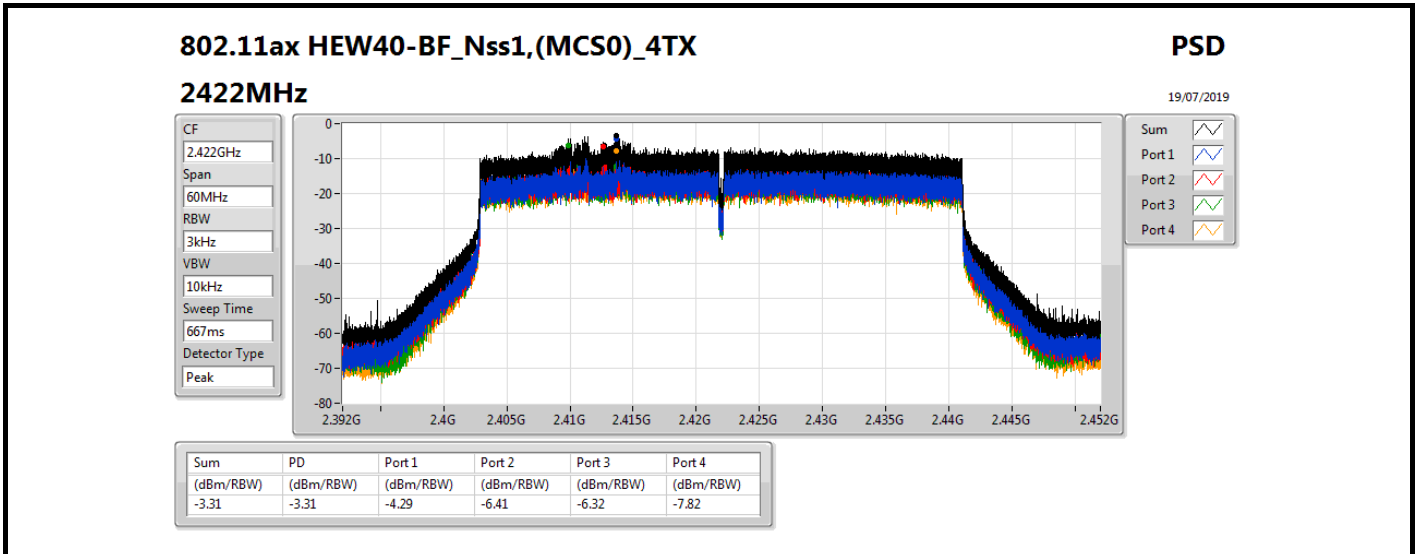
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	6.83	-4.47	-5.05	-3.54	-5.63	-1.37	7.17
2437MHz	Pass	6.83	-5.48	-6.43	-4.03	-4.99	-1.27	7.17
2462MHz	Pass	6.83	-3.42	-3.71	-1.86	-5.28	-0.43	7.17
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	6.83	-4.29	-6.41	-6.32	-7.82	-3.31	7.17
2437MHz	Pass	6.83	-6.23	-5.42	-6.60	-3.66	-2.13	7.17
2452MHz	Pass	6.83	-7.87	-6.49	-5.70	-6.88	-3.52	7.17

DG = Directional Gain; RBW=3 kHz;

PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X power density;







Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX	-6.42
802.11g_Nss1,(6Mbps)_1TX	-9.57
802.11ax HEW20_Nss1,(MCS0)_1TX	-12.02
802.11ax HEW40_Nss1,(MCS0)_1TX	-17.53

RBW=3 kHz.

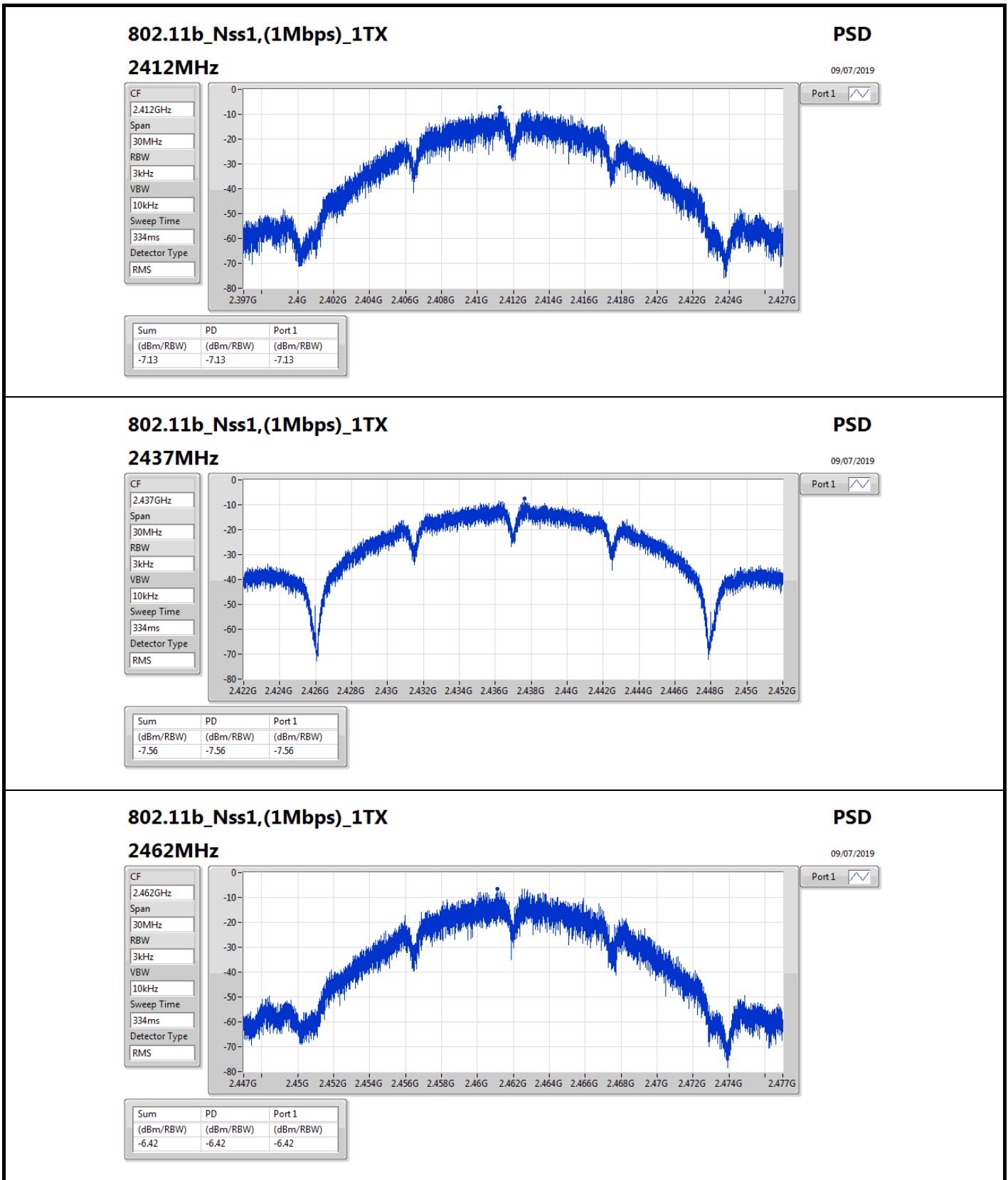


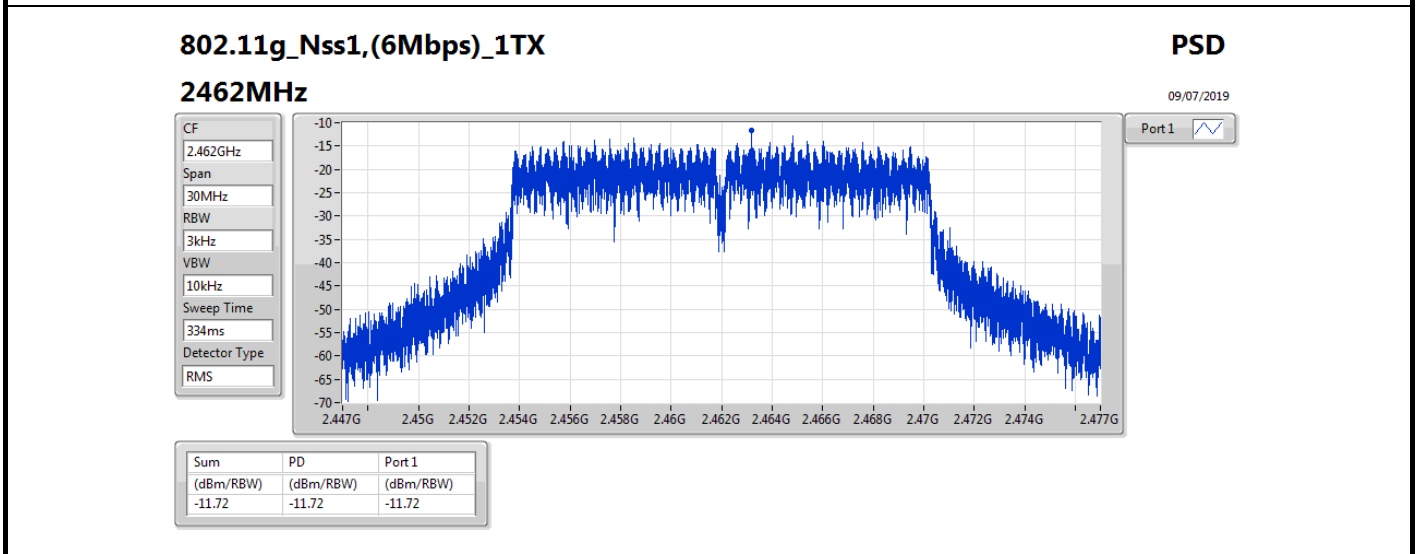
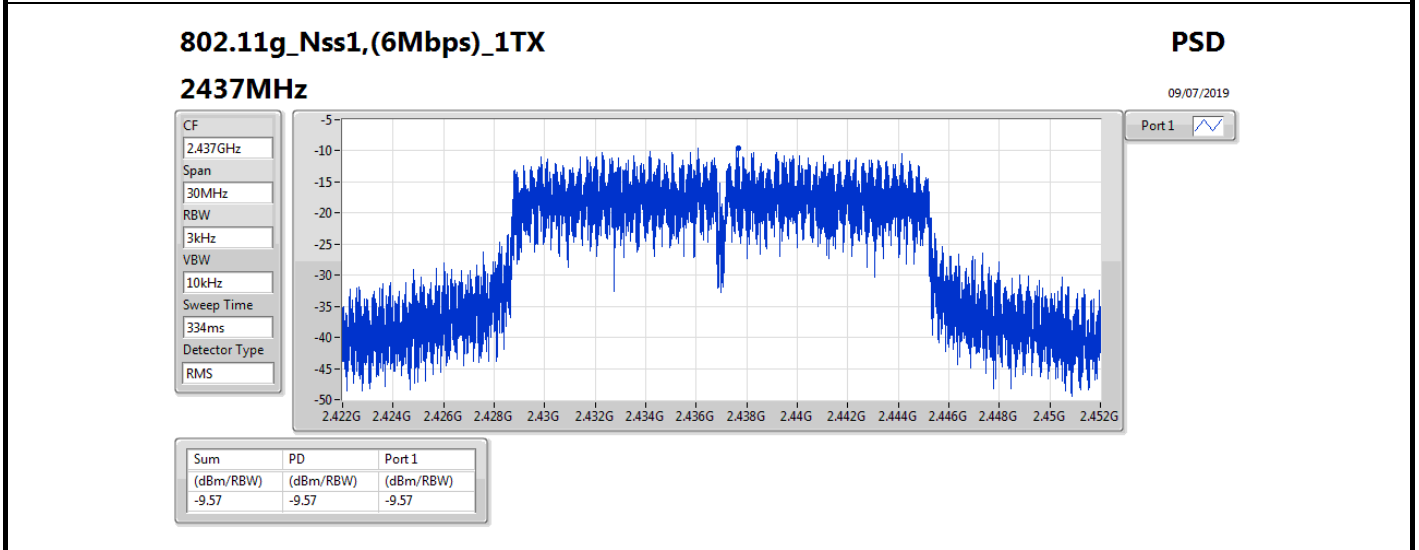
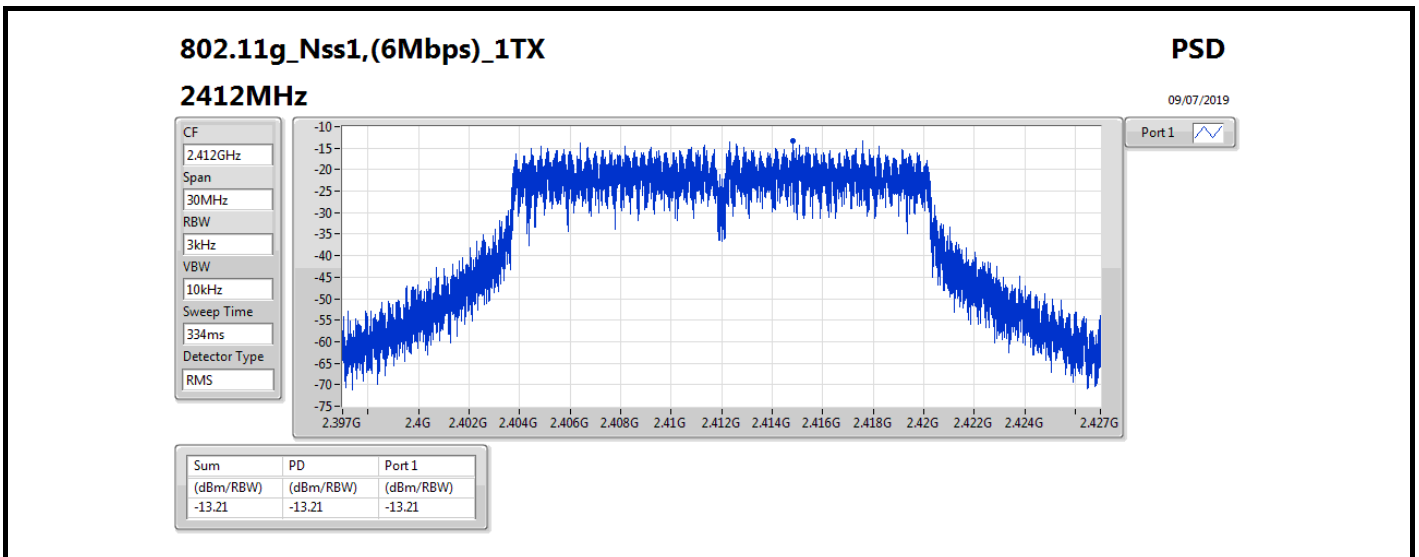
Result

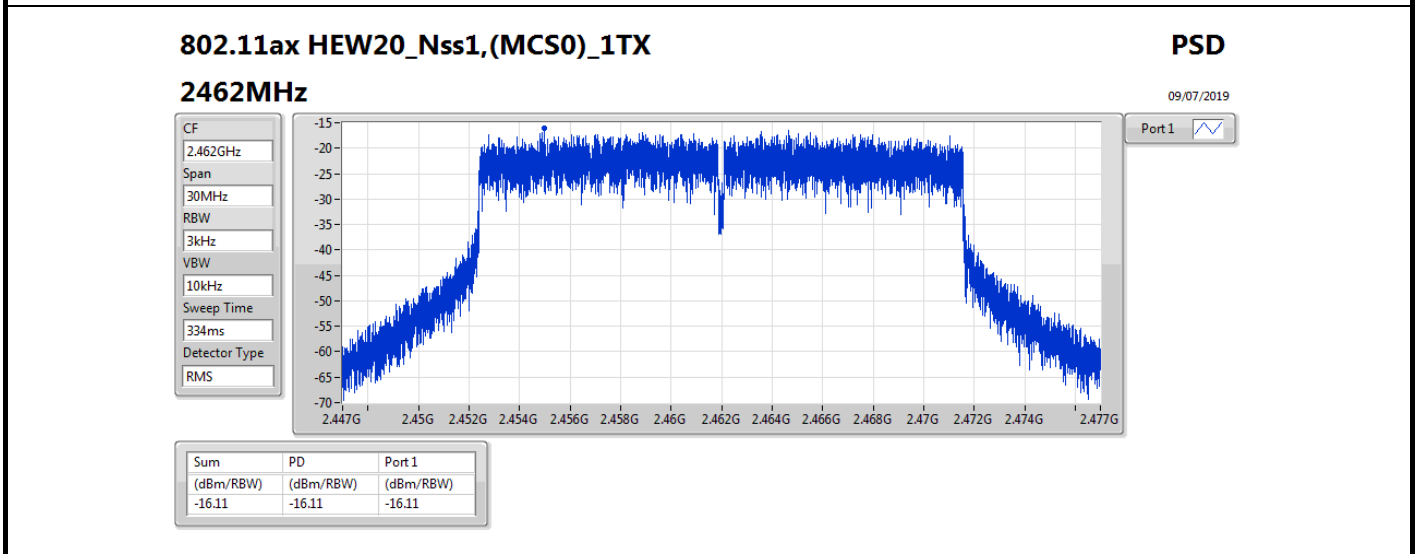
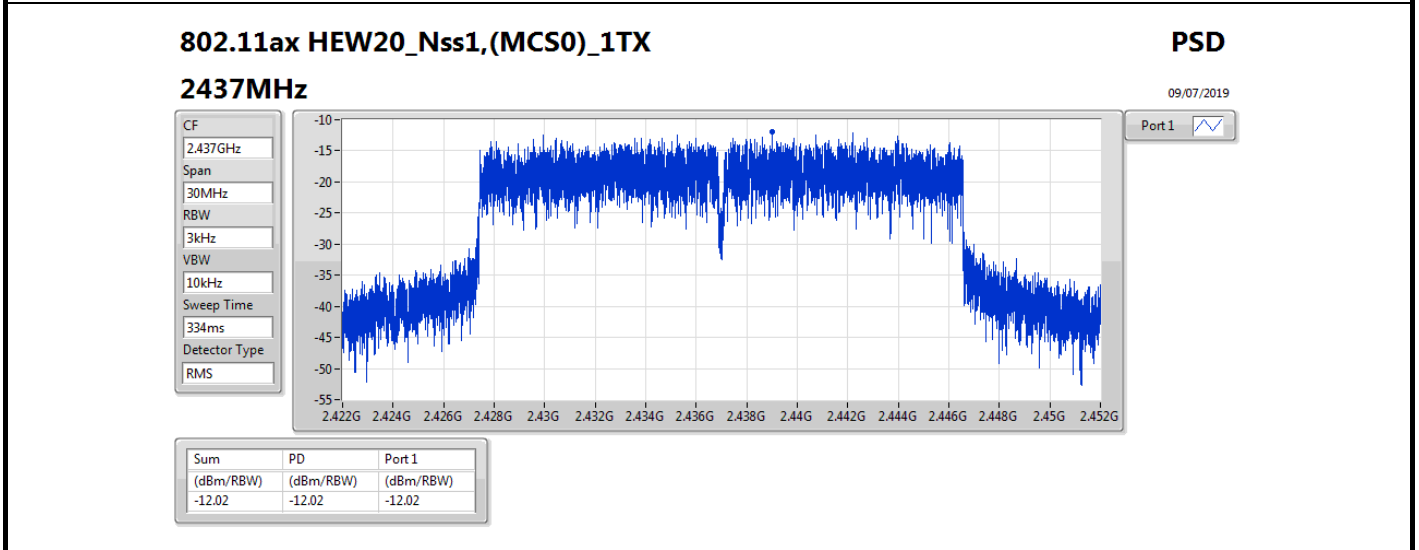
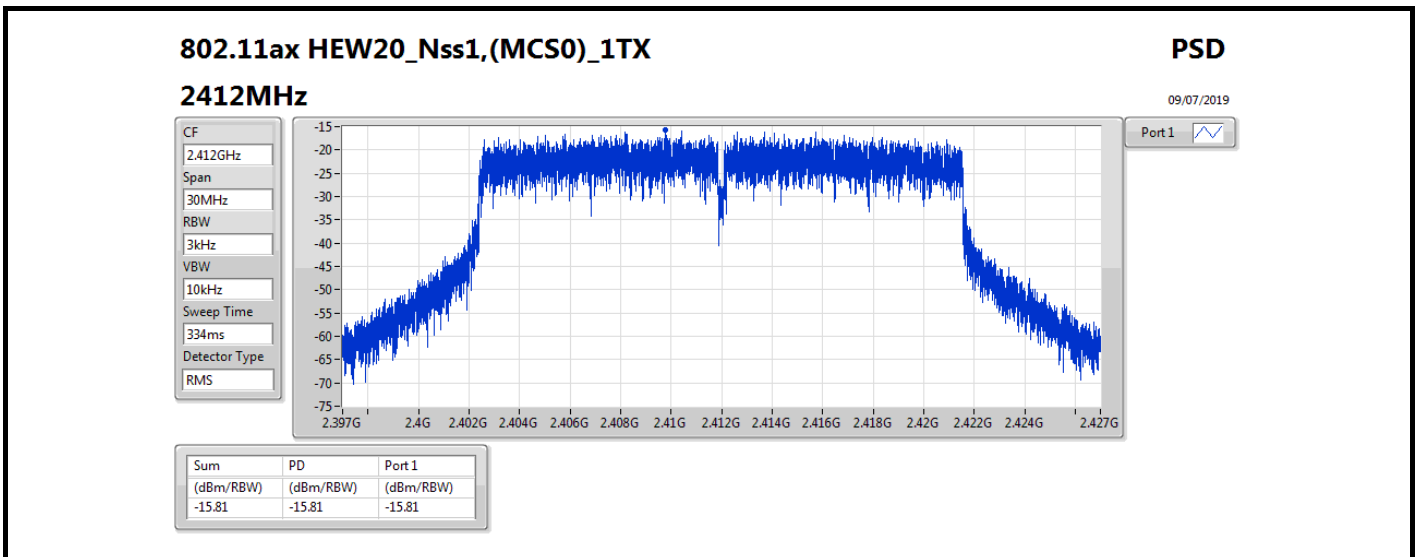
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	5.99	-7.13	-7.13	8.00
2437MHz	Pass	5.99	-7.56	-7.56	8.00
2462MHz	Pass	5.99	-6.42	-6.42	8.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	5.99	-13.21	-13.21	8.00
2437MHz	Pass	5.99	-9.57	-9.57	8.00
2462MHz	Pass	5.99	-11.72	-11.72	8.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	5.99	-15.81	-15.81	8.00
2437MHz	Pass	5.99	-12.02	-12.02	8.00
2462MHz	Pass	5.99	-16.11	-16.11	8.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	5.99	-17.53	-17.53	8.00
2437MHz	Pass	5.99	-18.61	-18.61	8.00
2452MHz	Pass	5.99	-19.80	-19.80	8.00

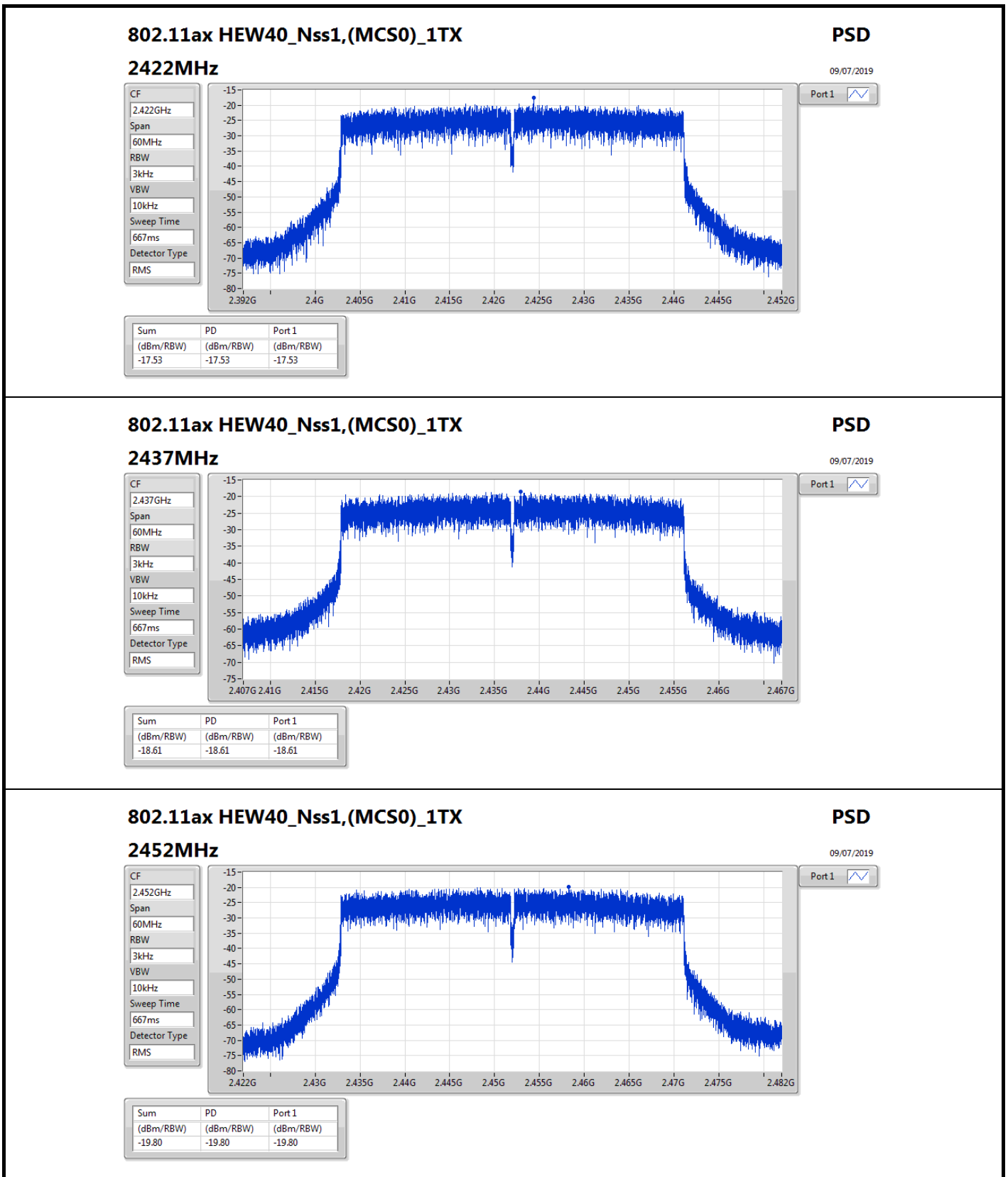
DG = Directional Gain; RBW=3 kHz;

PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;









802.11ax HEW40_Nss1,(MCS0)_1TX

2452MHz

PSD

09/07/2019

CF
2.452GHz

Span
60MHz

RBW
3kHz

VBW
10kHz

Sweep Time
667ms

Detector Type
RMS



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-19.80	-19.80	-19.80



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	-2.91
802.11g_Nss1,(6Mbps)_2TX	-5.94
802.11ax HEW20_Nss1,(MCS0)_2TX	-10.04
802.11ax HEW40_Nss1,(MCS0)_2TX	-15.47

RBW=3 kHz.

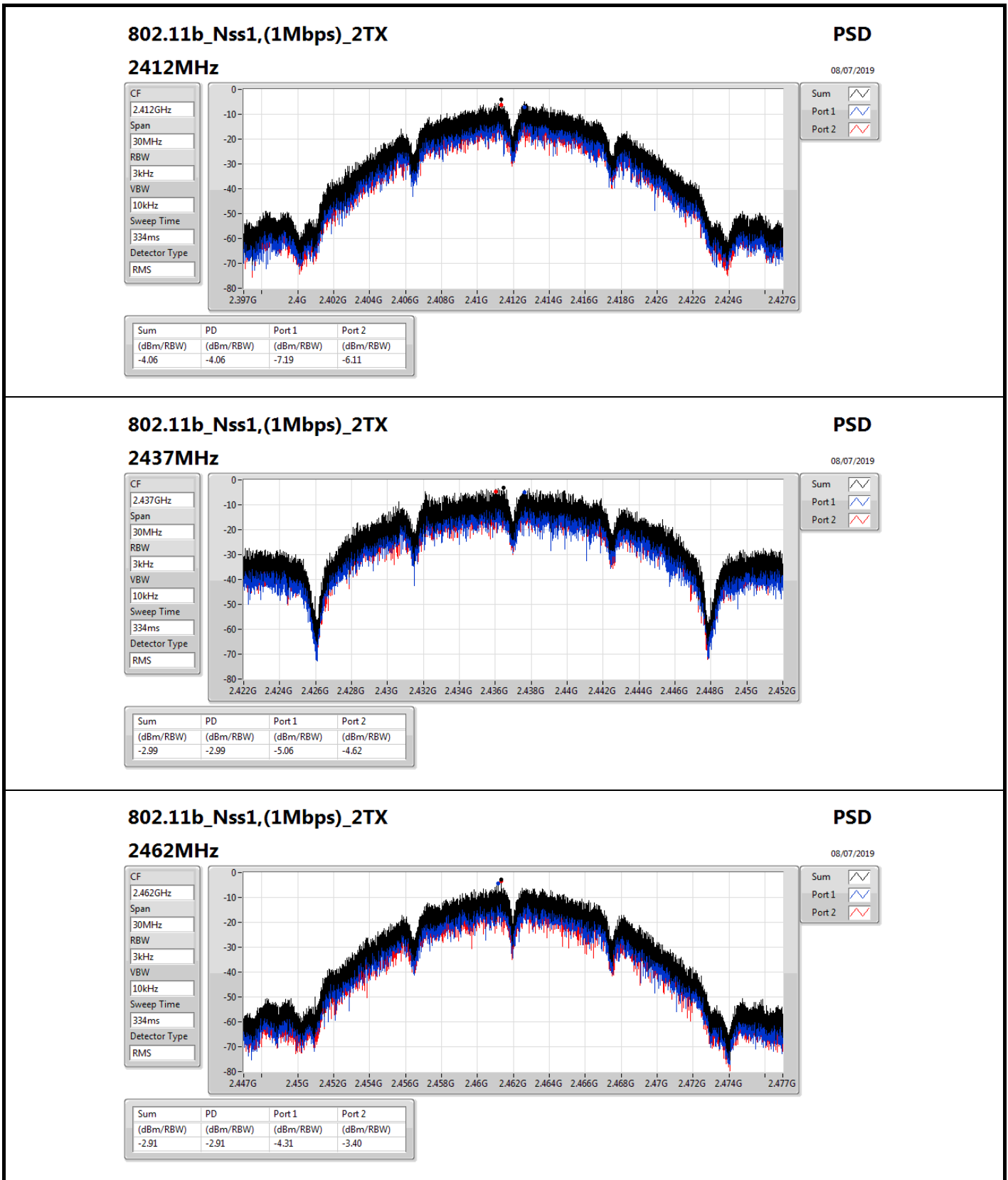


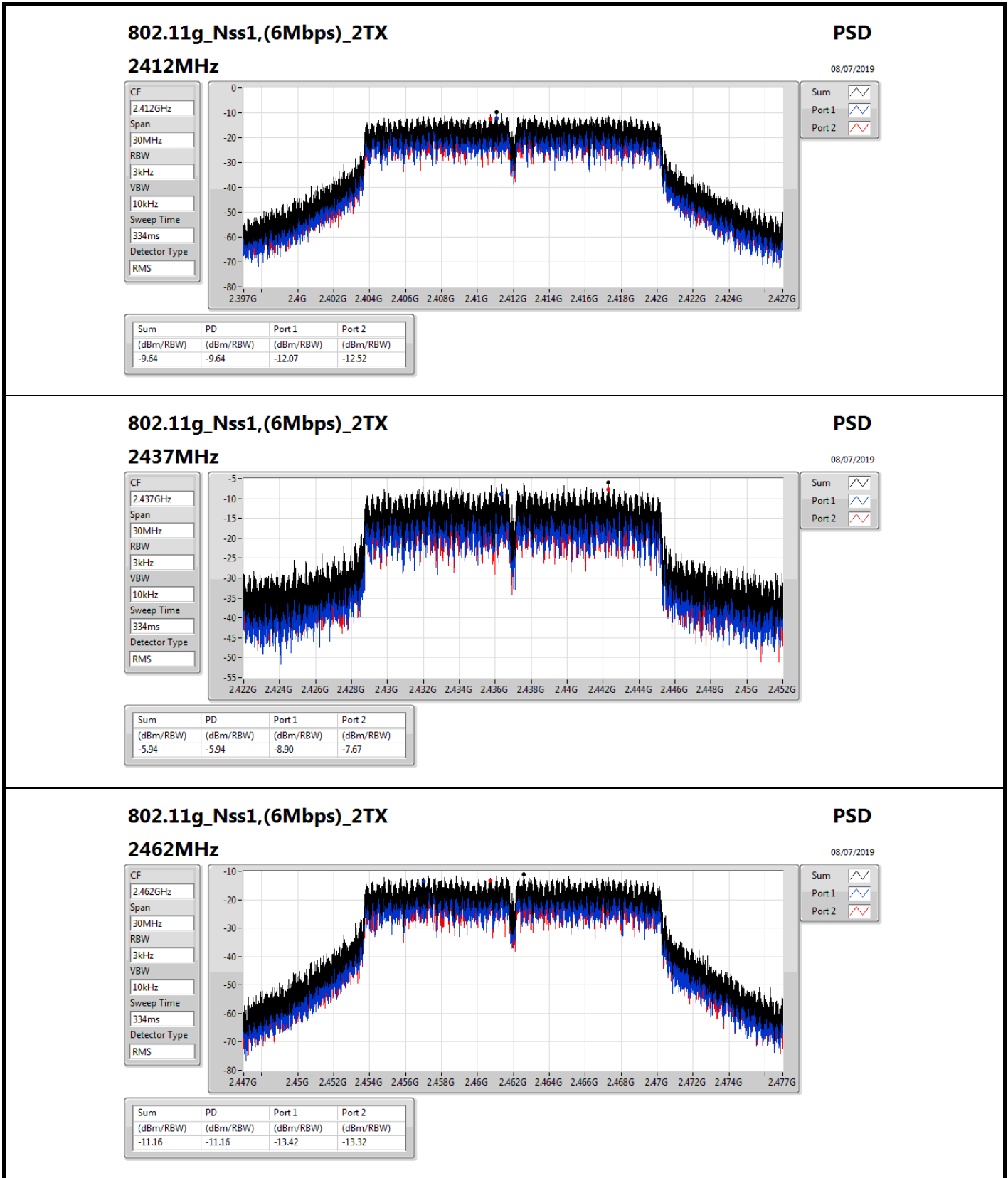
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	10.62	-7.19	-6.11	-4.06	3.38
2437MHz	Pass	10.62	-5.06	-4.62	-2.99	3.38
2462MHz	Pass	10.62	-4.31	-3.40	-2.91	3.38
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	10.62	-12.07	-12.52	-9.64	3.38
2437MHz	Pass	10.62	-8.90	-7.67	-5.94	3.38
2462MHz	Pass	10.62	-13.42	-13.32	-11.16	3.38
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	10.62	-15.35	-15.83	-13.65	3.38
2437MHz	Pass	10.62	-11.13	-11.38	-10.04	3.38
2462MHz	Pass	10.62	-14.99	-15.32	-13.45	3.38
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	10.62	-18.02	-18.61	-16.55	3.38
2437MHz	Pass	10.62	-17.68	-17.49	-15.47	3.38
2452MHz	Pass	10.62	-20.23	-20.14	-18.83	3.38

DG = Directional Gain; RBW=3 kHz;

PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X power density;





802.11g_Nss1,(6Mbps)_2TX

2462MHz

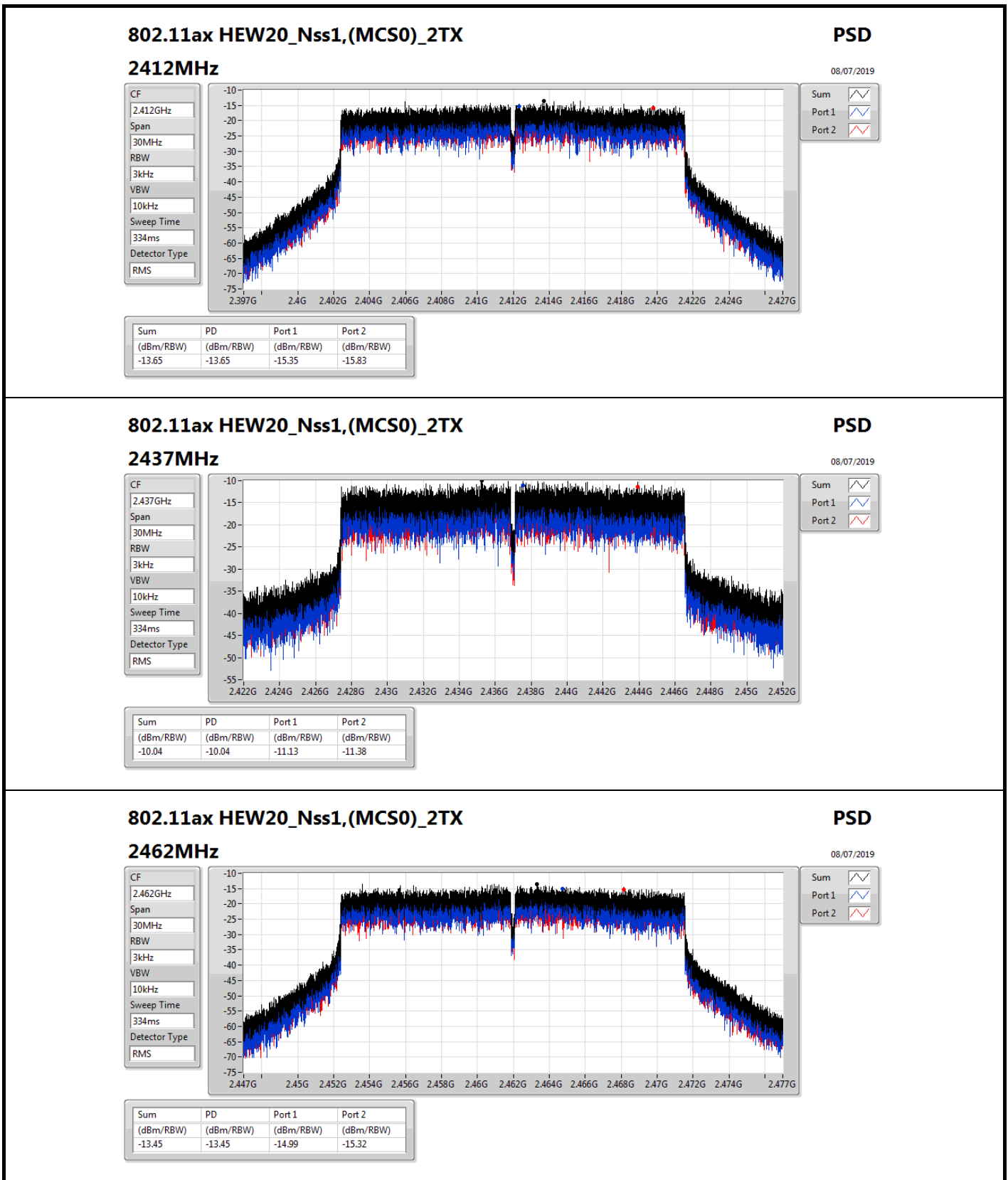
PSD

08/07/2019

CF	2.462GHz
Span	30MHz
RBW	3kHz
VBW	10kHz
Sweep Time	334ms
Detector Type	RMS

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.16	-11.16	-13.42	-13.32

Sum	
Port 1	
Port 2	



802.11ax HEW20_Nss1,(MCS0)_2TX

2462MHz

PSD

08/07/2019

CF
2.462GHz

Span
30MHz

RBW
3kHz

VBW
10kHz

Sweep Time
334ms

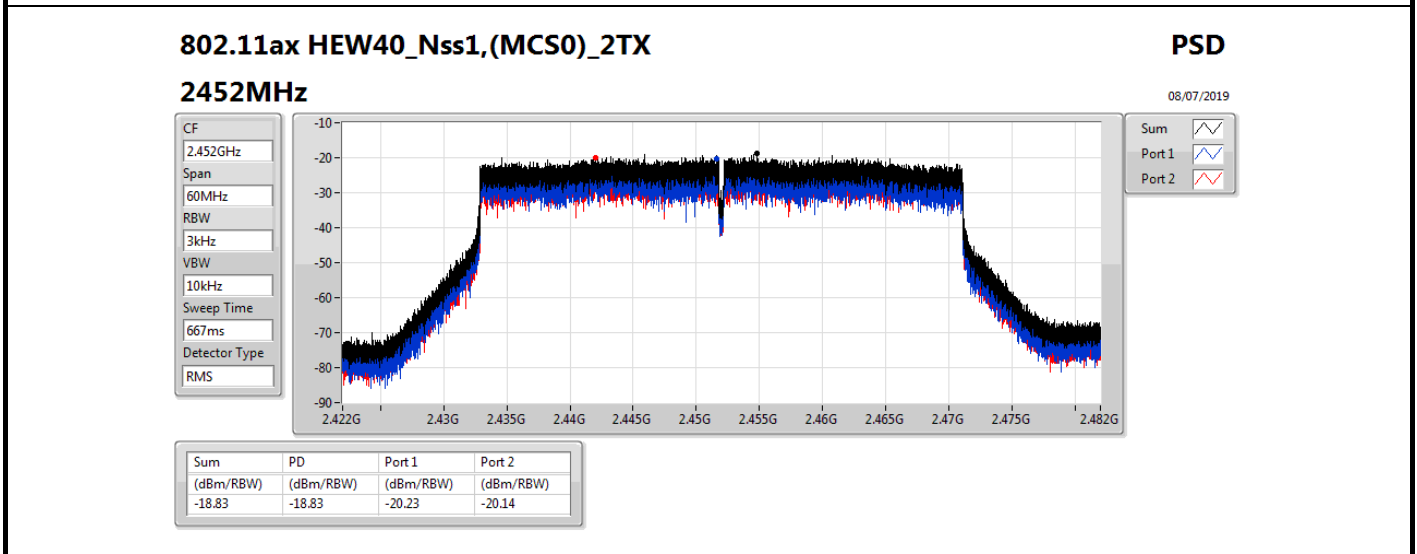
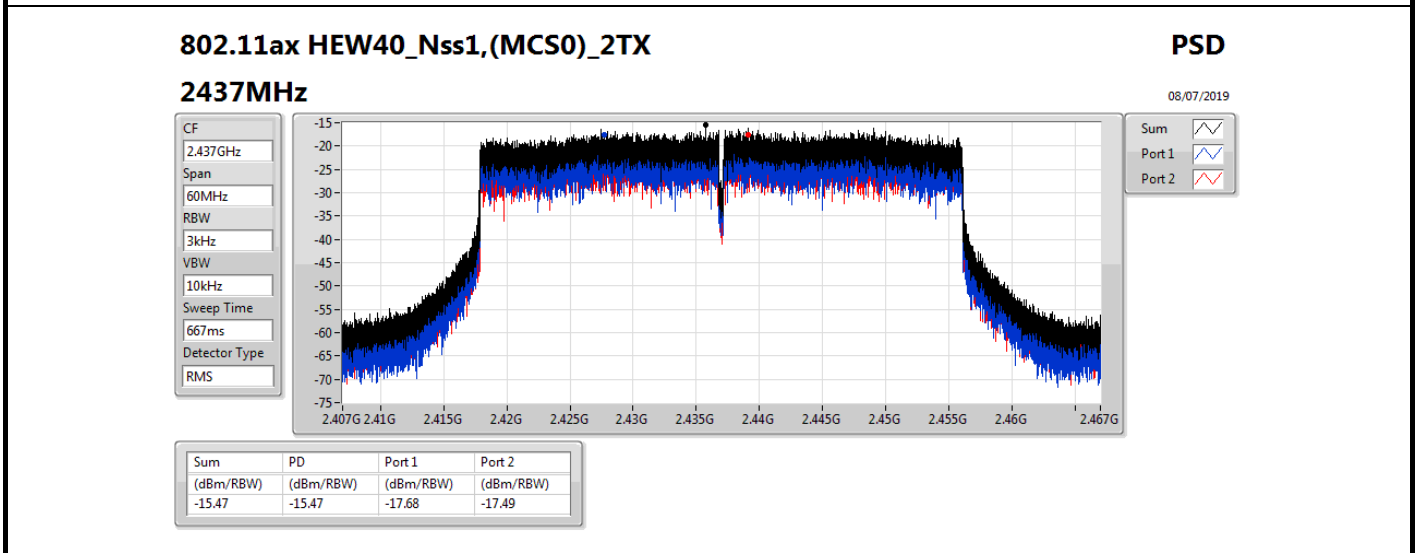
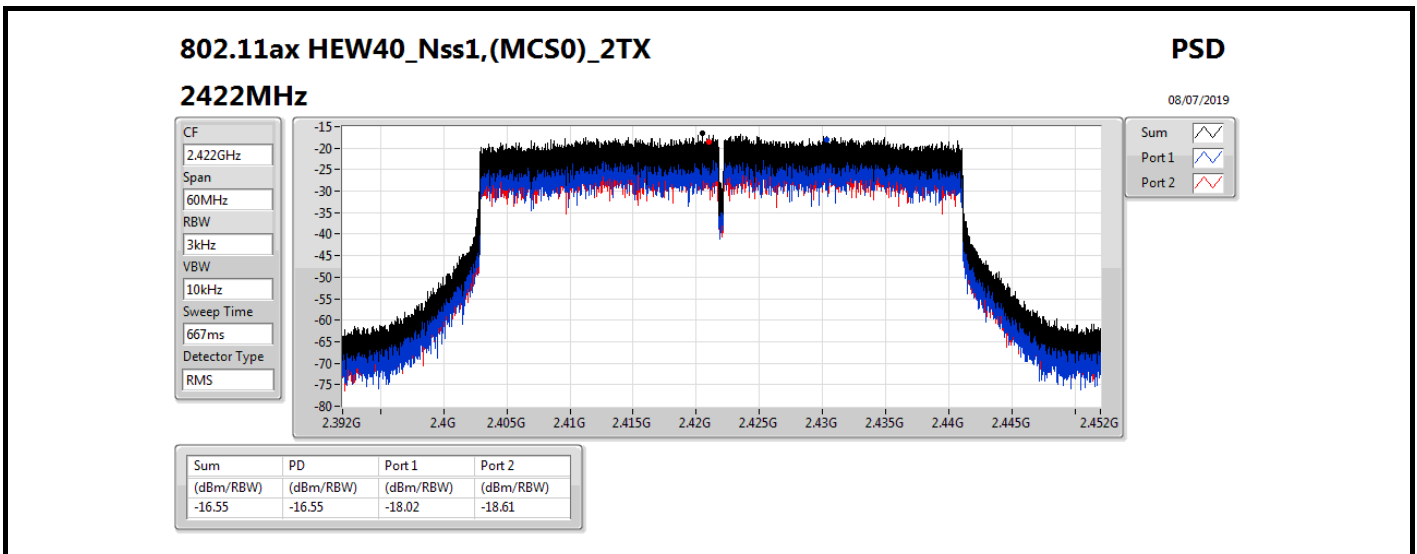
Detector Type
RMS



Sum 

Port 1 

Port 2 





Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-3.11
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-3.93

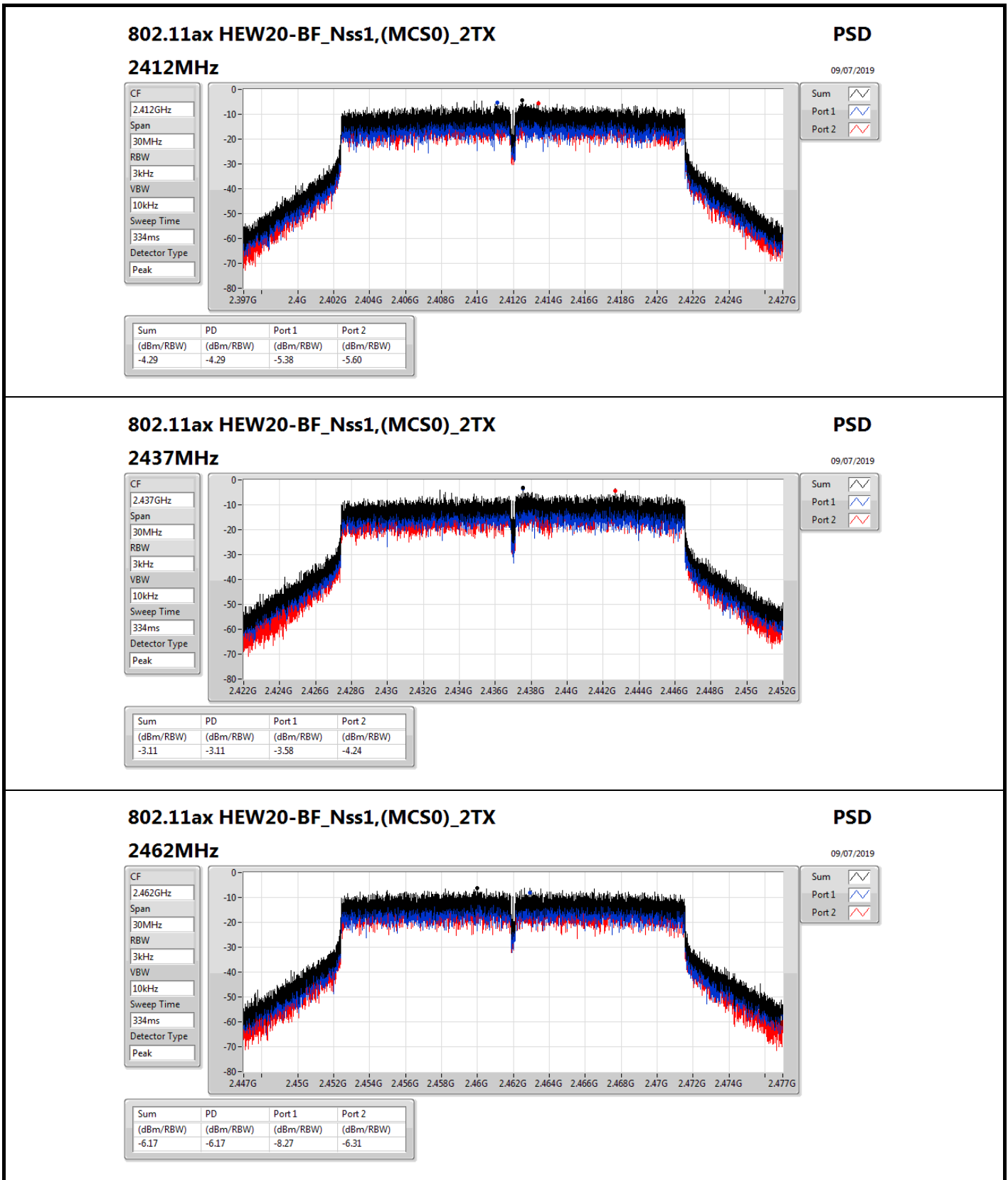
RBW=3 kHz.

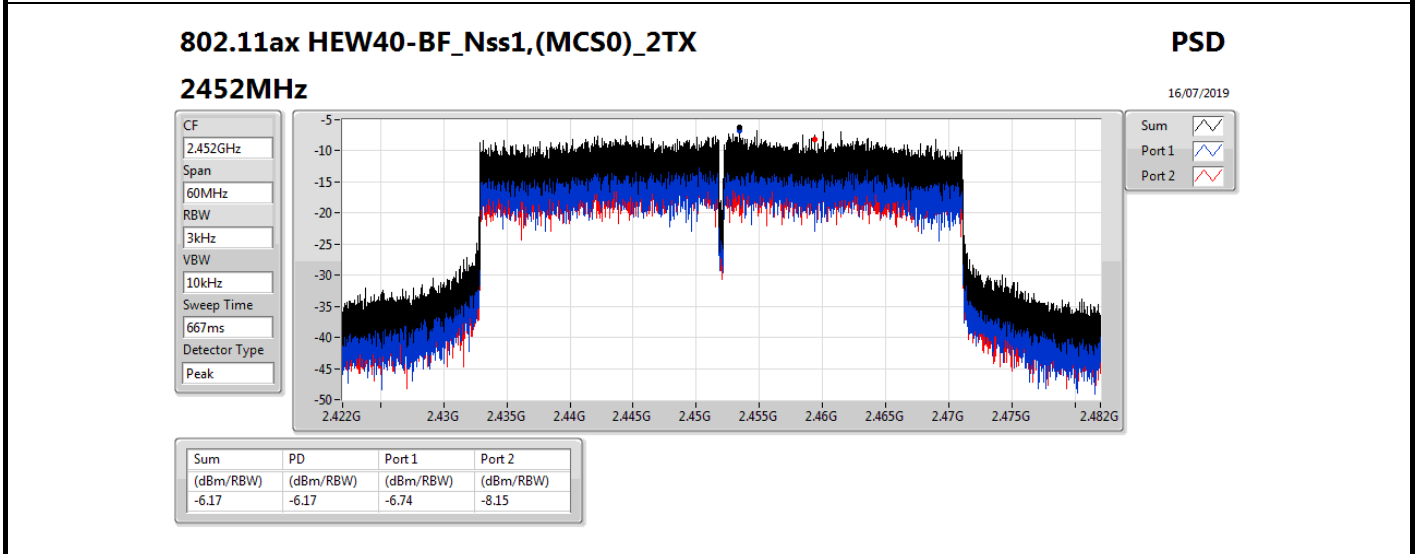
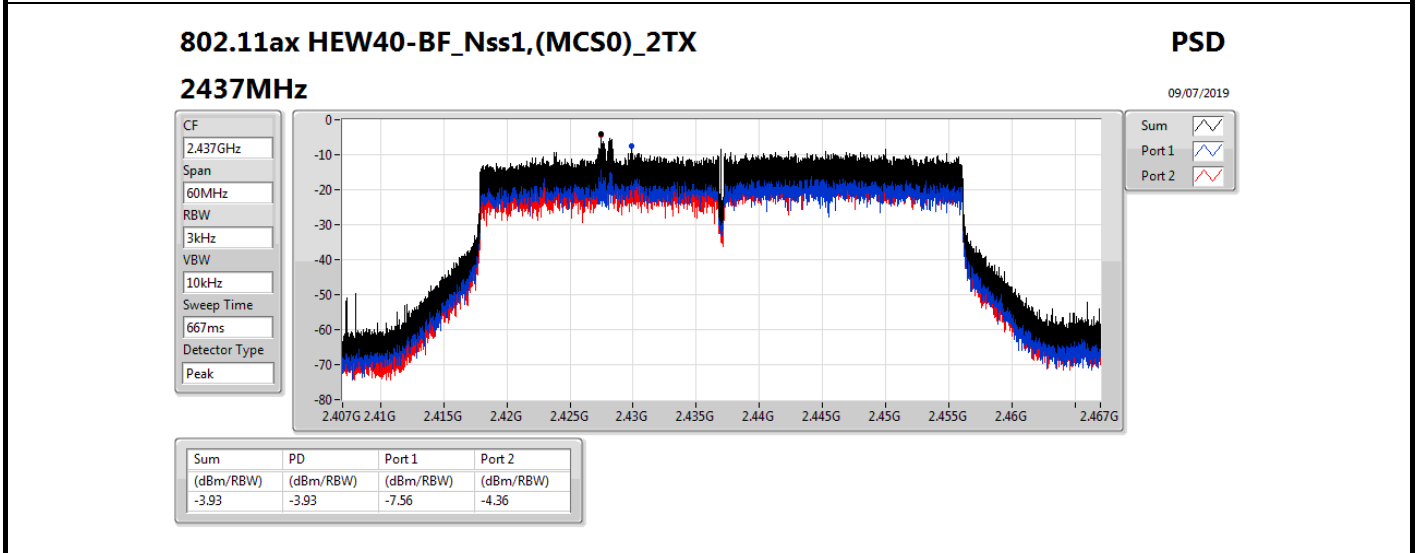
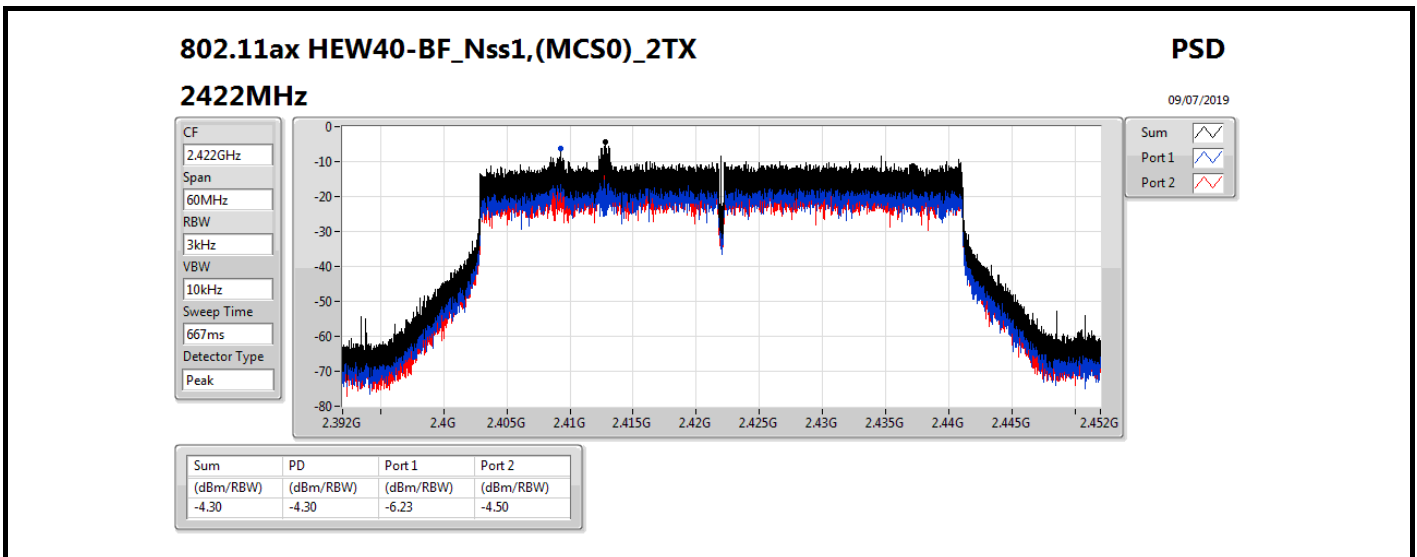
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	10.62	-5.38	-5.60	-4.29	3.38
2437MHz	Pass	10.62	-3.58	-4.24	-3.11	3.38
2462MHz	Pass	10.62	-8.27	-6.31	-6.17	3.38
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	10.62	-6.23	-4.50	-4.30	3.38
2437MHz	Pass	10.62	-7.56	-4.36	-3.93	3.38
2452MHz	Pass	10.62	-6.74	-8.15	-6.17	3.38

DG = Directional Gain; RBW=3 kHz;

PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X power density;







Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_4TX	-1.34
802.11g_Nss1,(6Mbps)_4TX	-4.90
802.11ax HEW20_Nss1,(MCS0)_4TX	-8.25
802.11ax HEW40_Nss1,(MCS0)_4TX	-15.22

RBW=3 kHz.

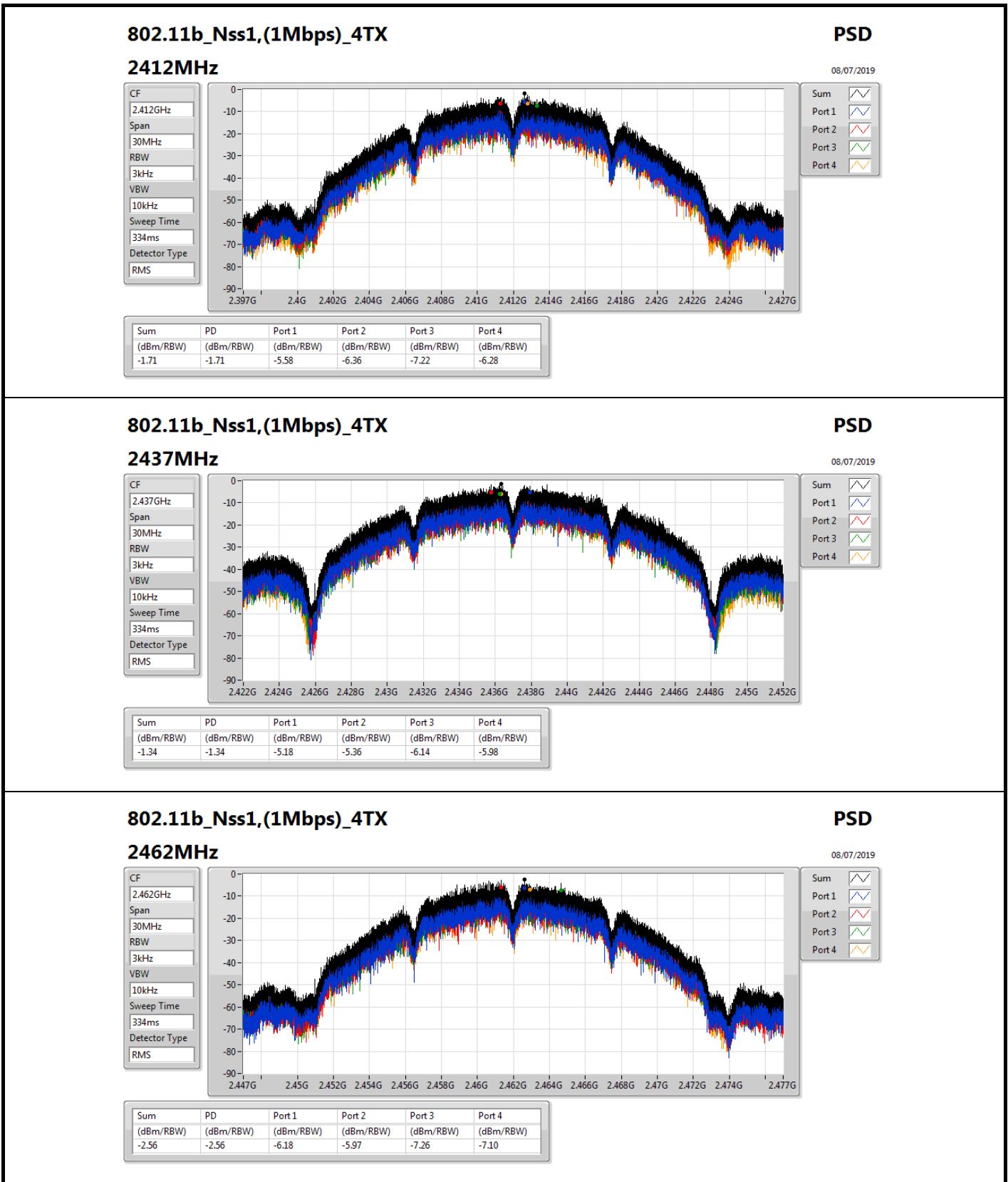


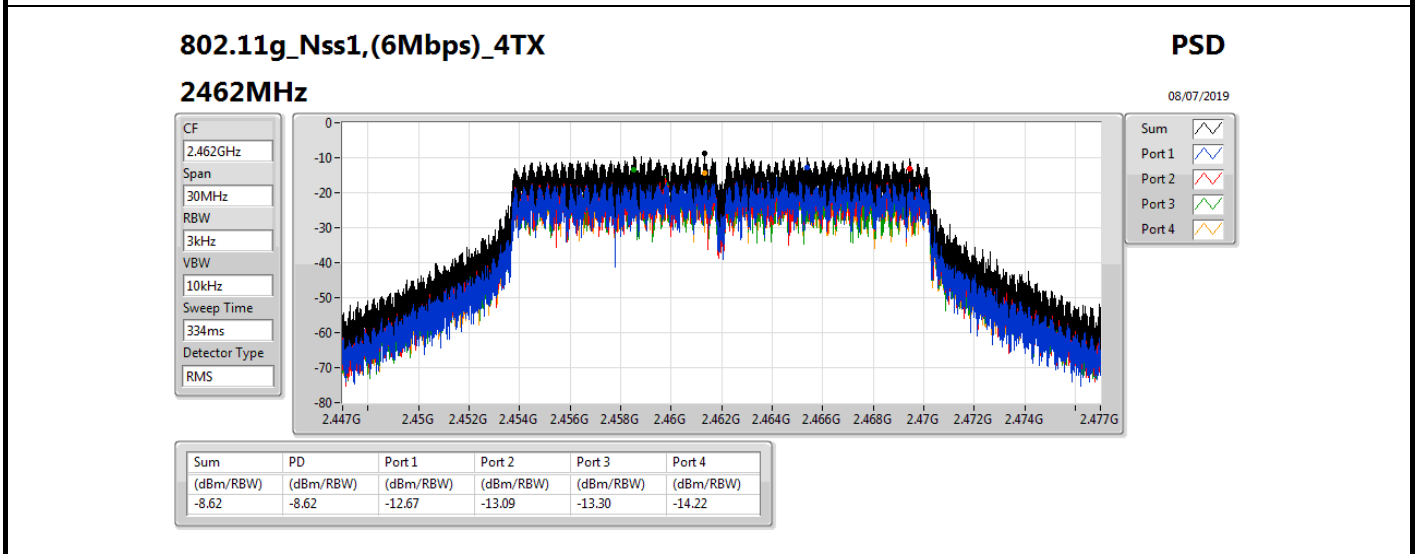
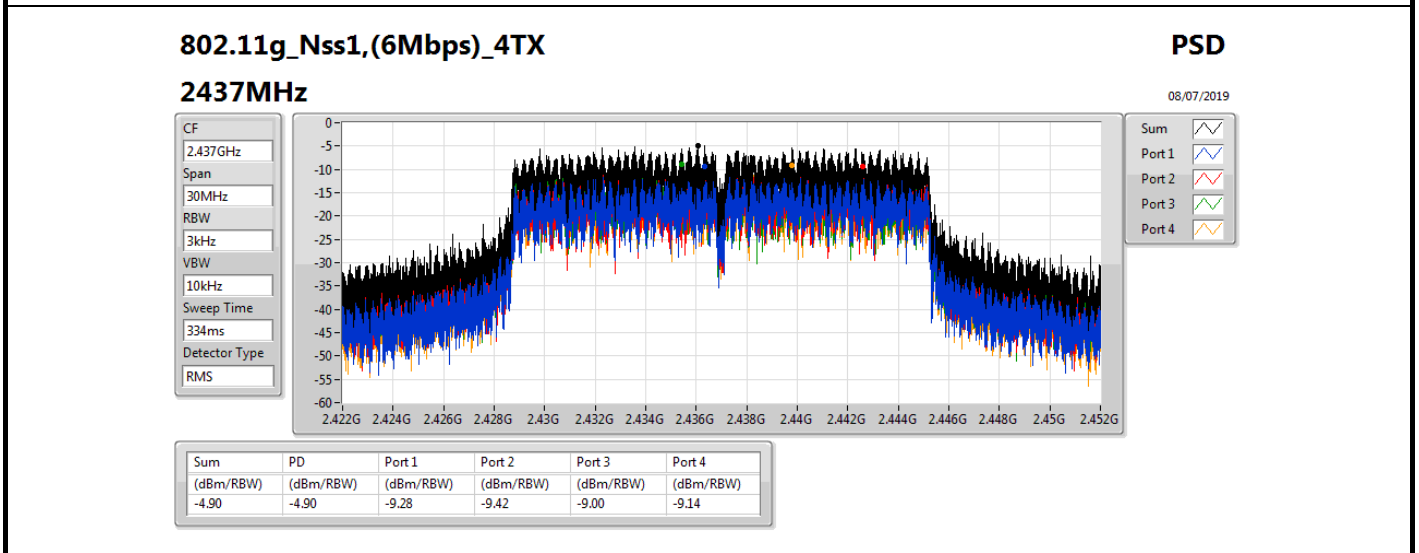
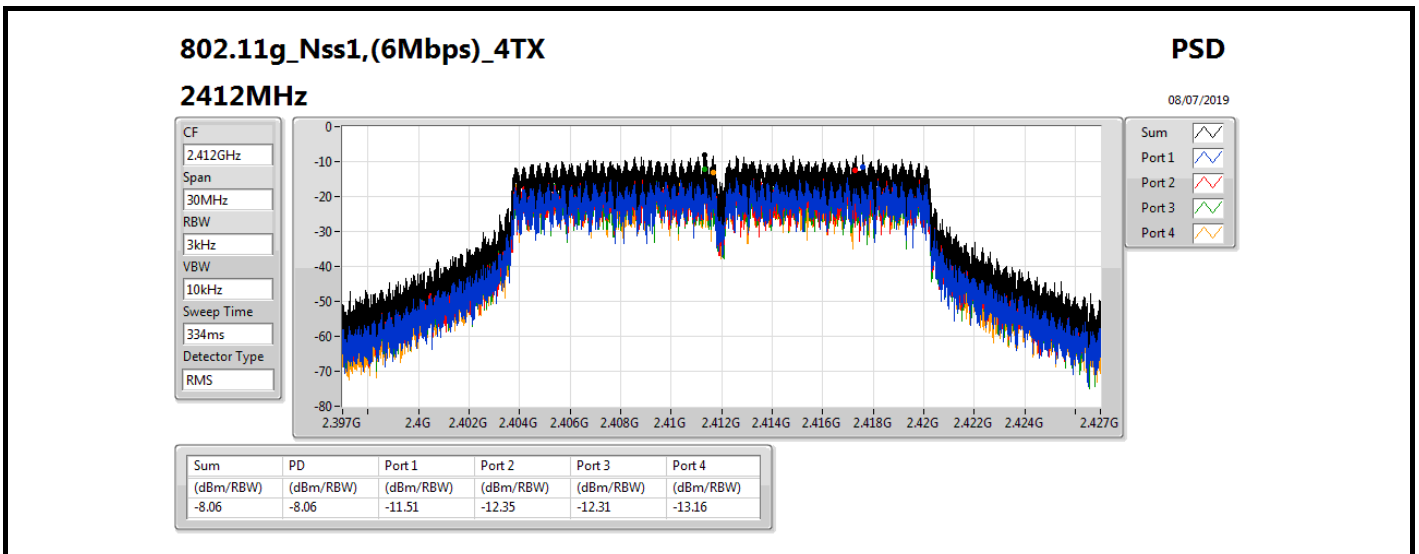
Result

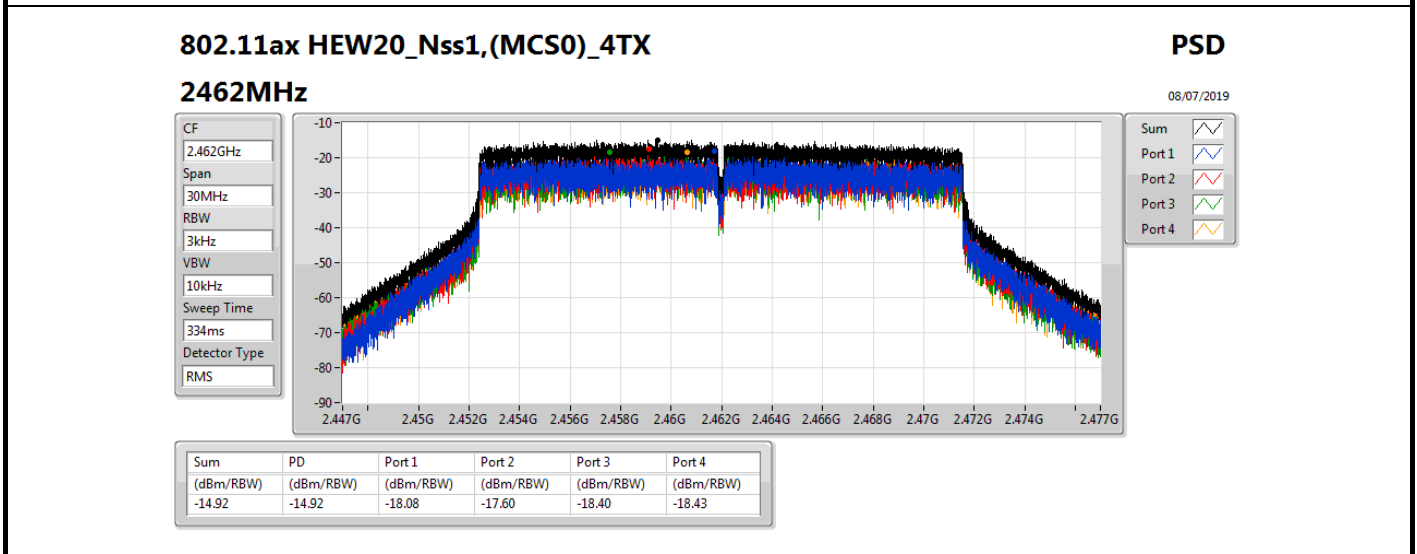
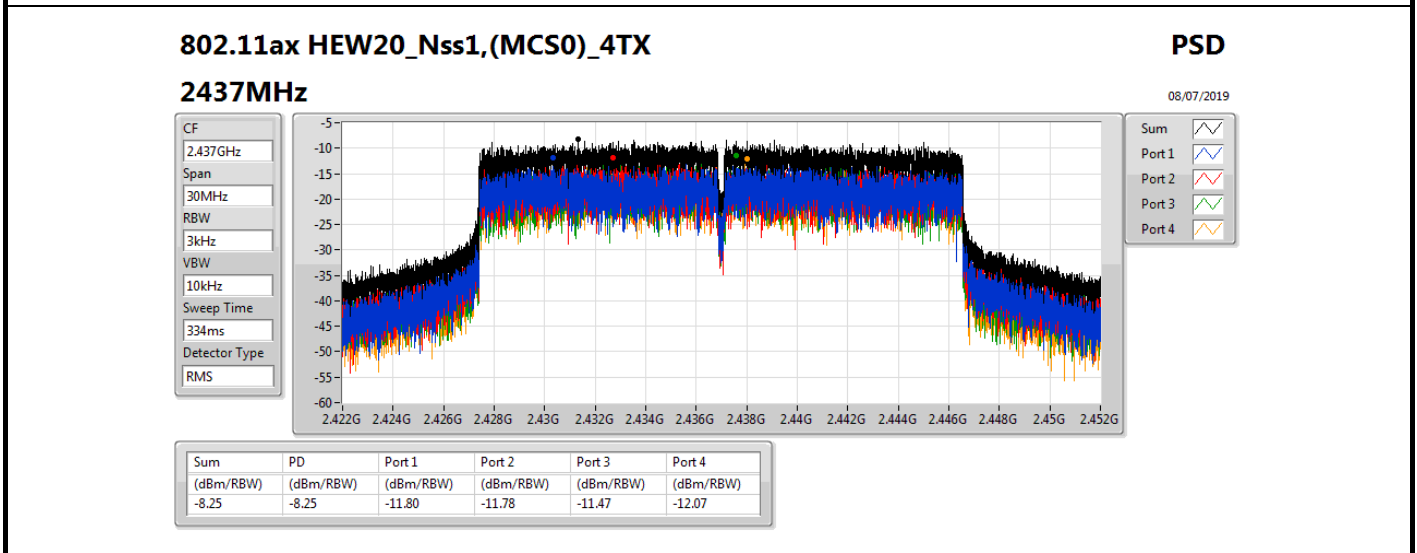
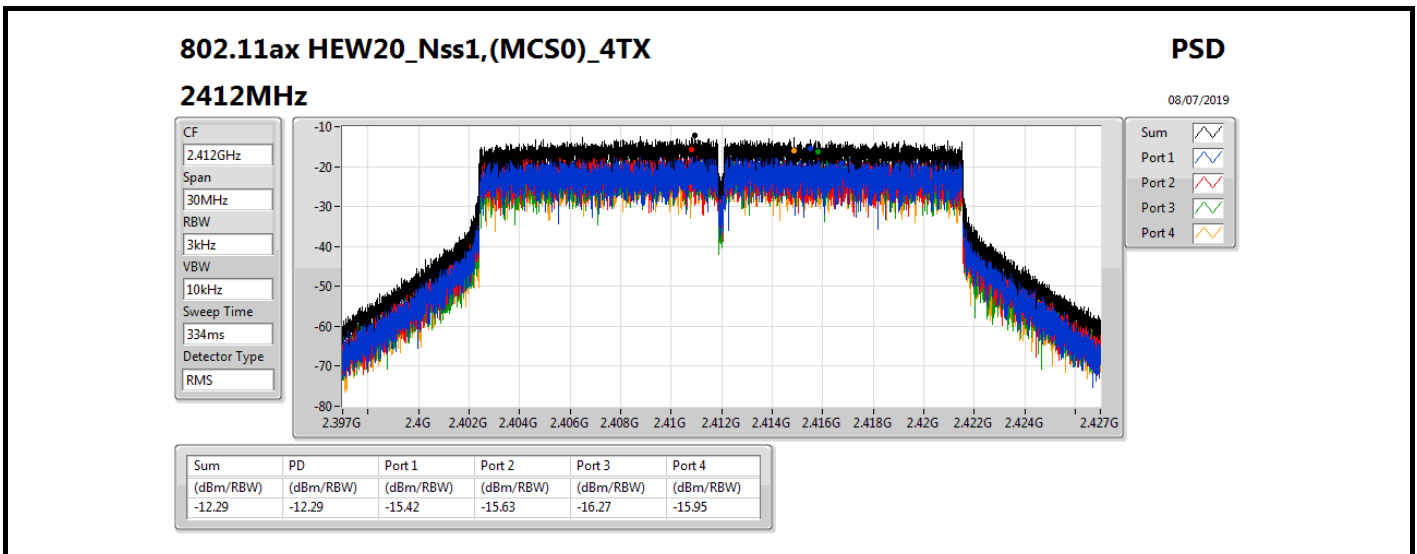
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	13.18	-5.58	-6.36	-7.22	-6.28	-1.71	0.82
2437MHz	Pass	13.18	-5.18	-5.36	-6.14	-5.98	-1.34	0.82
2462MHz	Pass	13.18	-6.18	-5.97	-7.26	-7.10	-2.56	0.82
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	13.18	-11.51	-12.35	-12.31	-13.16	-8.06	0.82
2437MHz	Pass	13.18	-9.28	-9.42	-9.00	-9.14	-4.90	0.82
2462MHz	Pass	13.18	-12.67	-13.09	-13.30	-14.22	-8.62	0.82
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	13.18	-15.42	-15.63	-16.27	-15.95	-12.29	0.82
2437MHz	Pass	13.18	-11.80	-11.78	-11.47	-12.07	-8.25	0.82
2462MHz	Pass	13.18	-18.08	-17.60	-18.40	-18.43	-14.92	0.82
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	13.18	-19.42	-19.36	-19.50	-19.44	-15.86	0.82
2437MHz	Pass	13.18	-18.10	-18.39	-18.29	-18.48	-15.22	0.82
2452MHz	Pass	13.18	-22.72	-23.41	-23.30	-24.51	-19.71	0.82

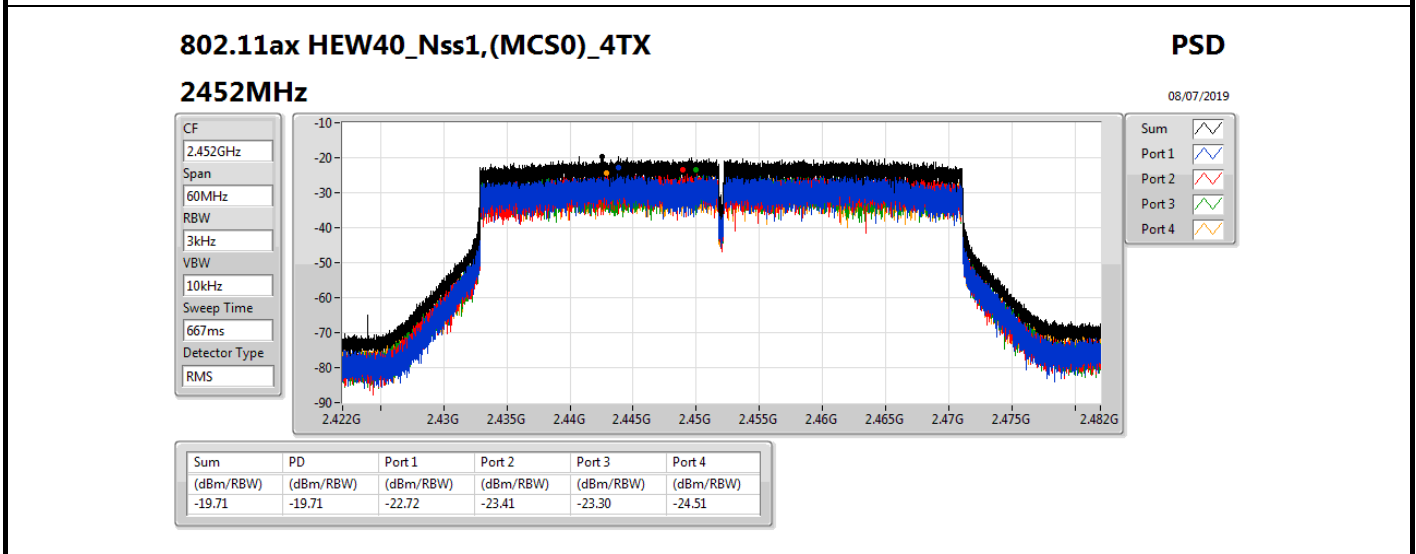
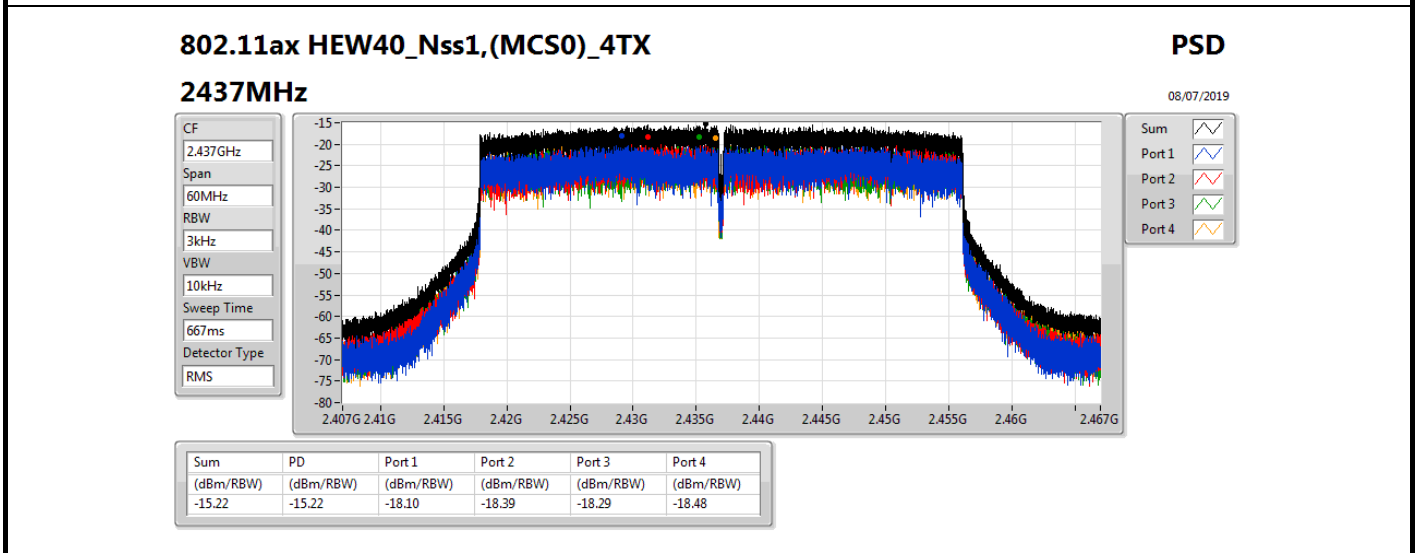
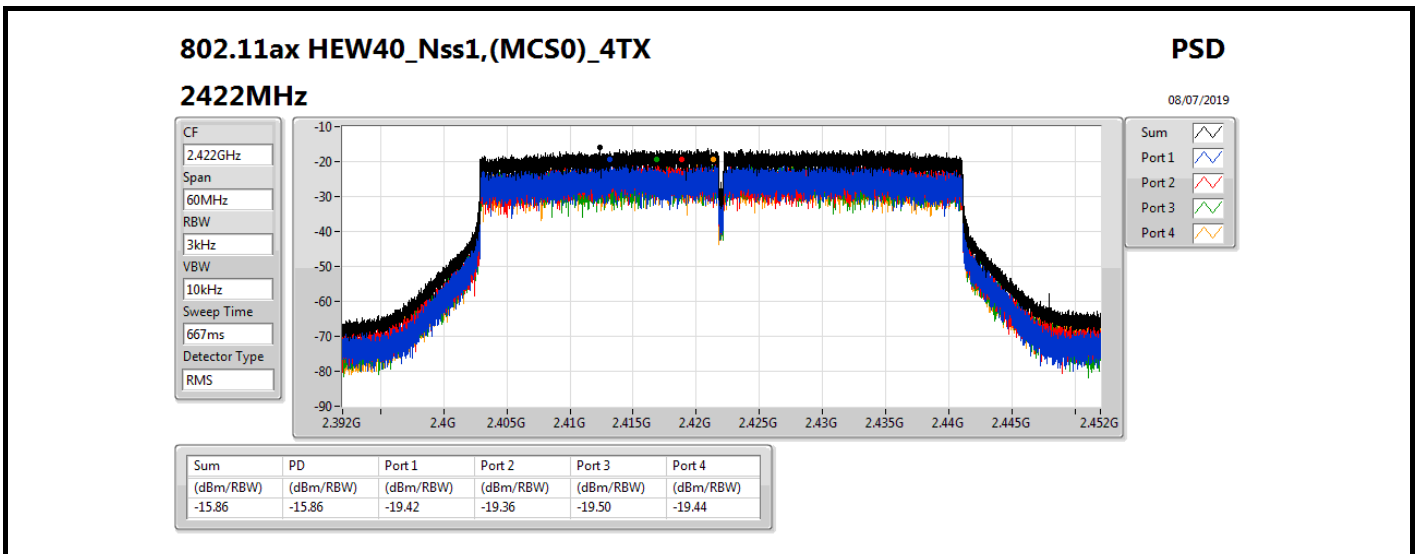
DG = Directional Gain; RBW=3 kHz;

PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X power density;











Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-3.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-4.82

RBW=3 kHz.

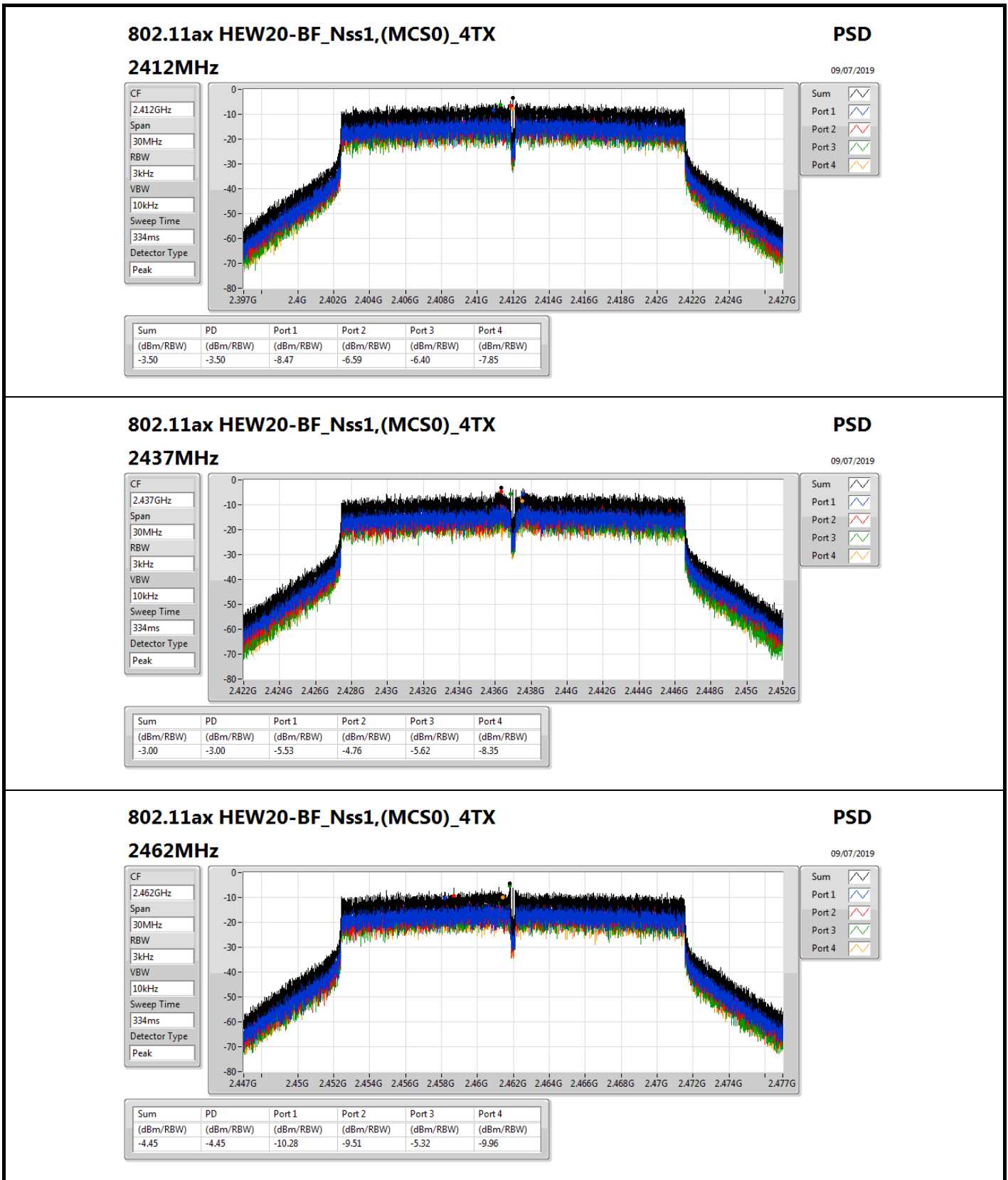


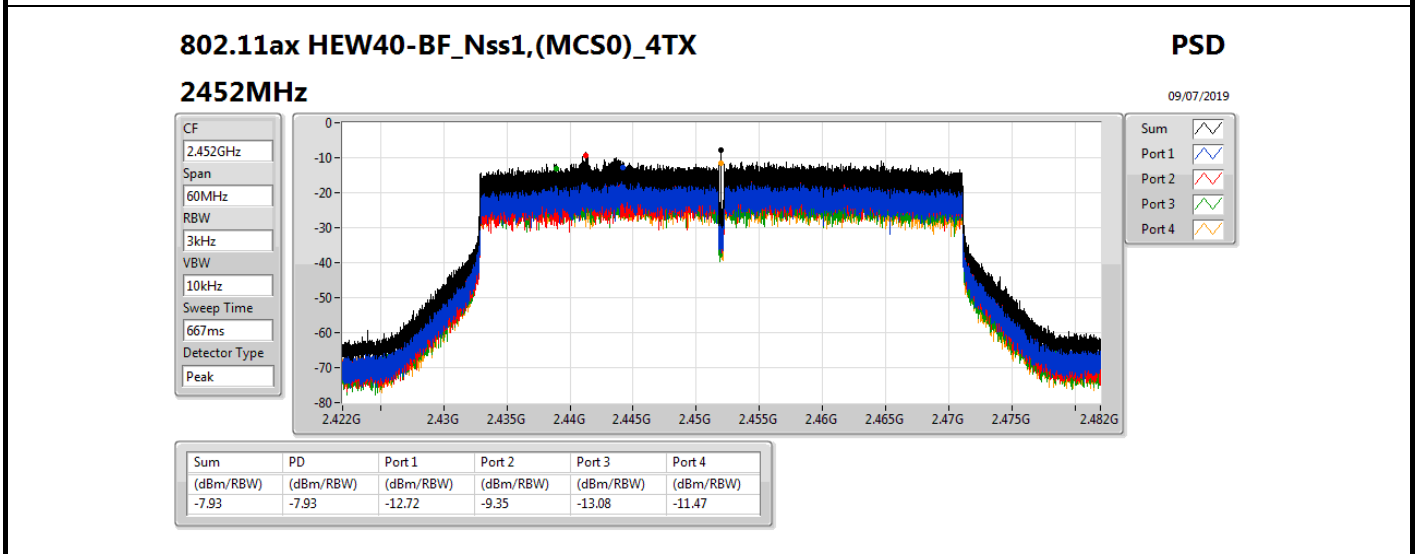
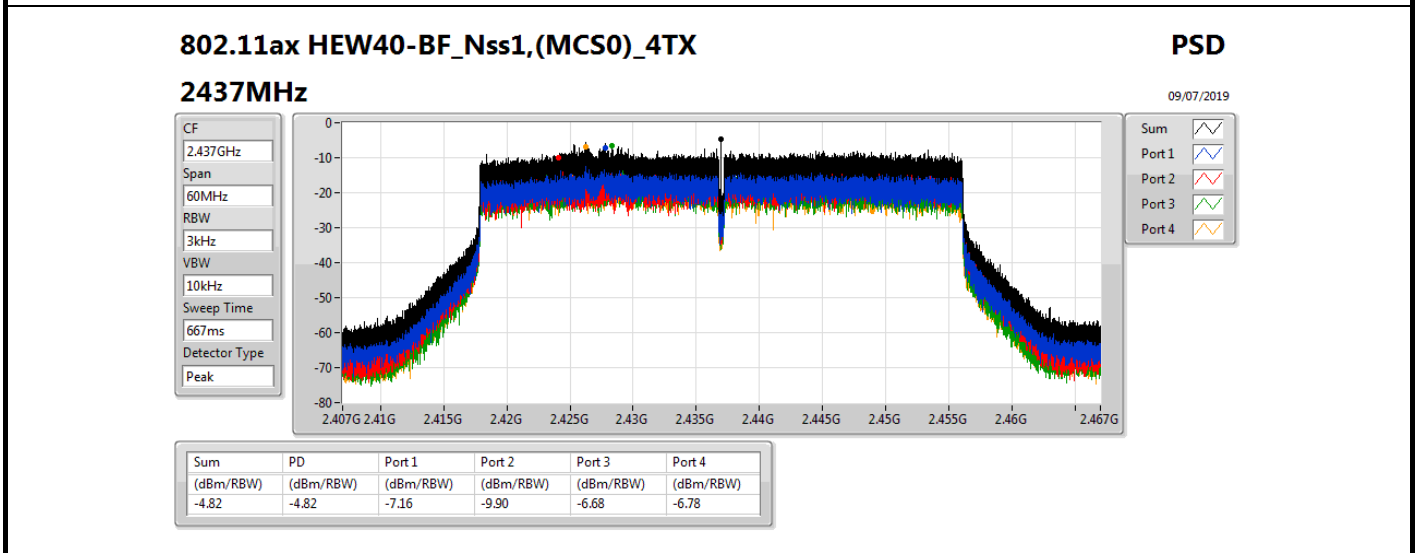
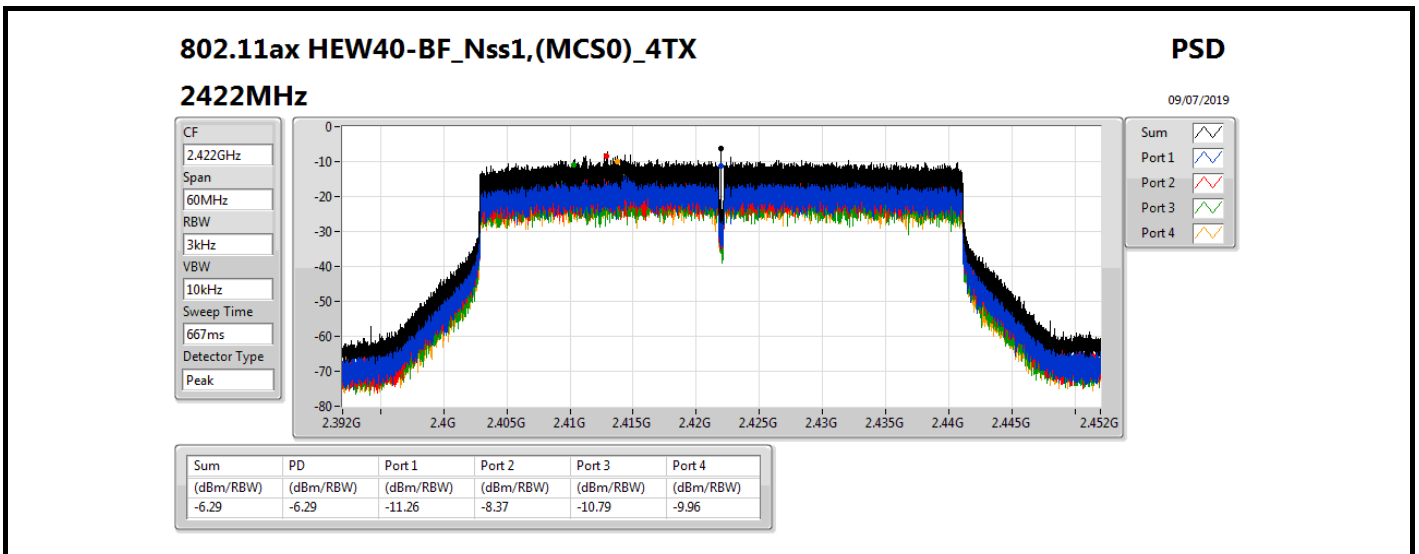
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	13.18	-8.47	-6.59	-6.40	-7.85	-3.50	0.82
2437MHz	Pass	13.18	-5.53	-4.76	-5.62	-8.35	-3.00	0.82
2462MHz	Pass	13.18	-10.28	-9.51	-5.32	-9.96	-4.45	0.82
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	13.18	-11.26	-8.37	-10.79	-9.96	-6.29	0.82
2437MHz	Pass	13.18	-7.16	-9.90	-6.68	-6.78	-4.82	0.82
2452MHz	Pass	13.18	-12.72	-9.35	-13.08	-11.47	-7.93	0.82

DG = Directional Gain; RBW=3 kHz;

PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X power density;







Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX	-4.17
802.11g_Nss1,(6Mbps)_1TX	-7.43
802.11ax HEW20_Nss1,(MCS0)_1TX	-11.06
802.11ax HEW40_Nss1,(MCS0)_1TX	-17.84

RBW=3 kHz.

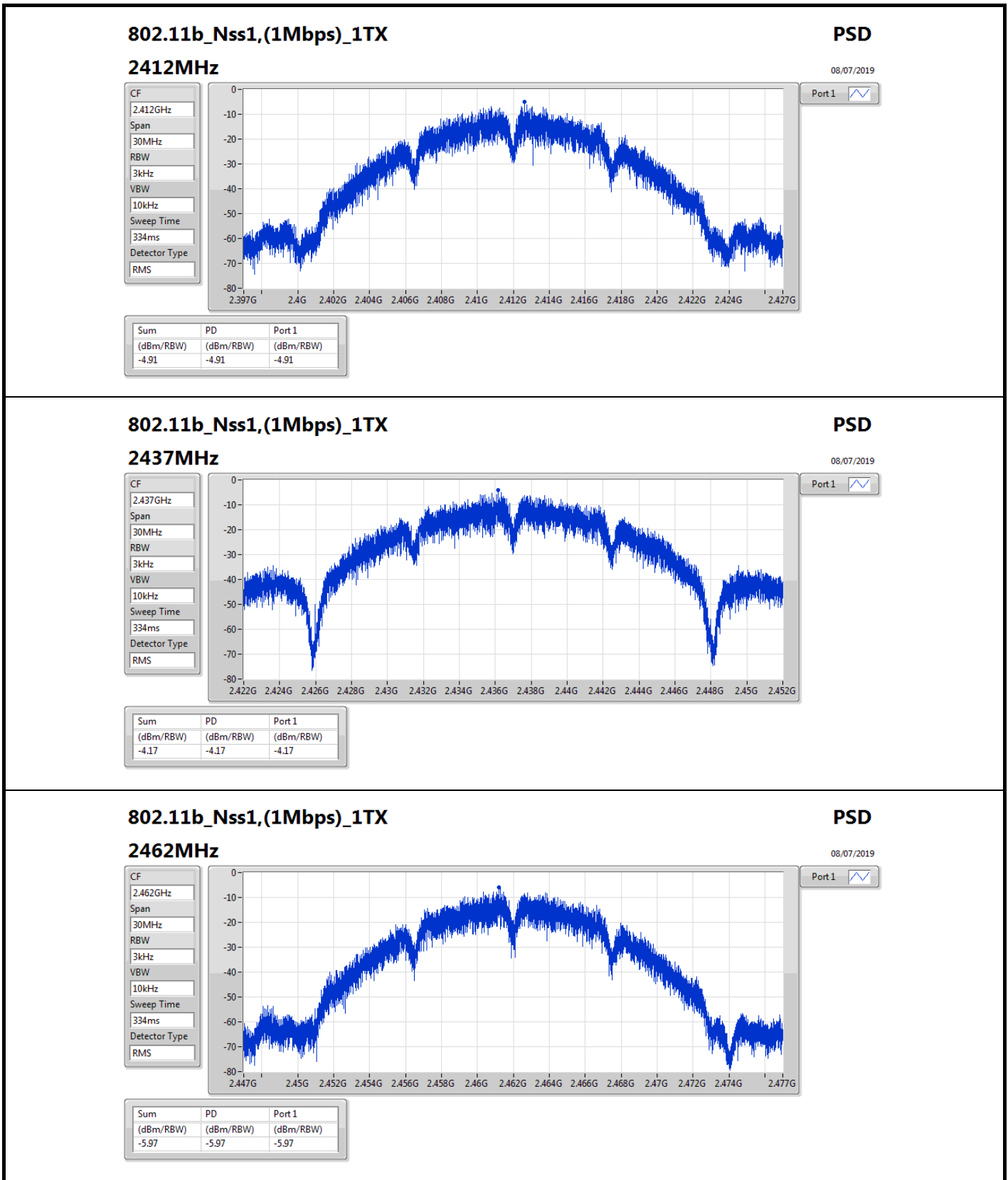


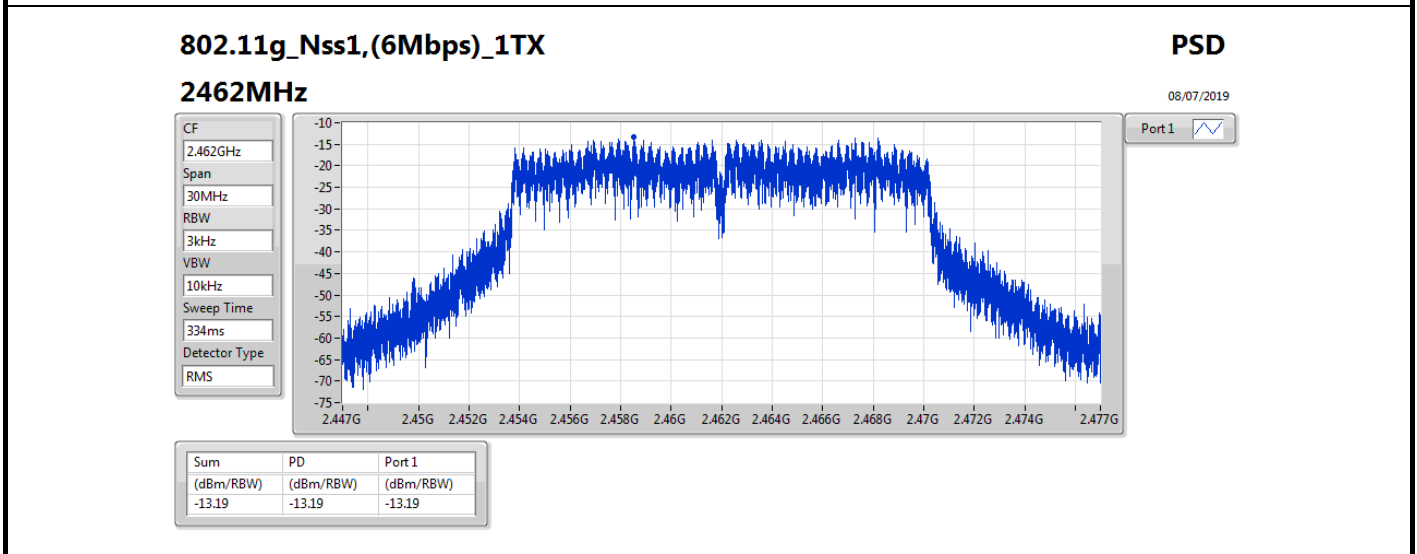
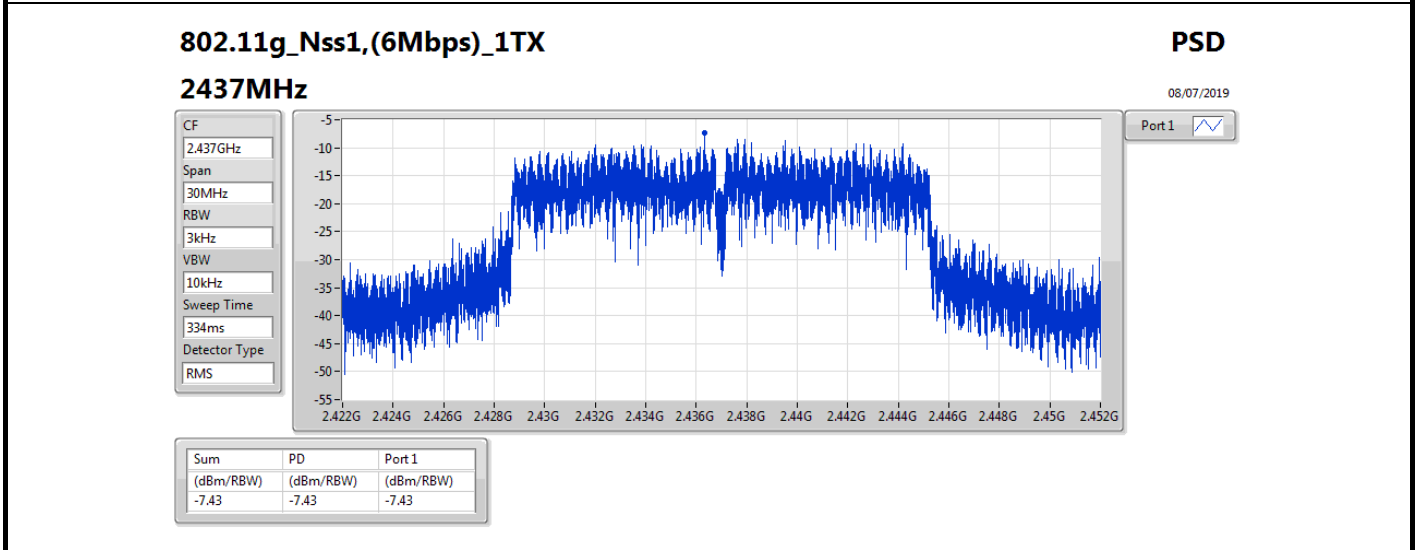
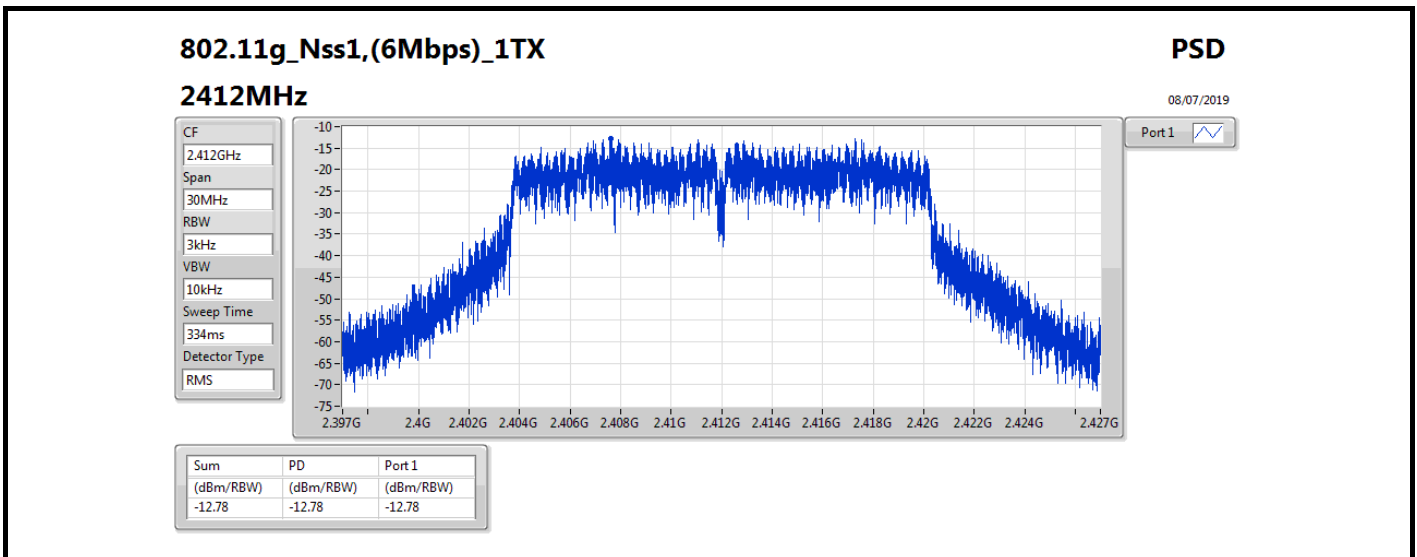
Result

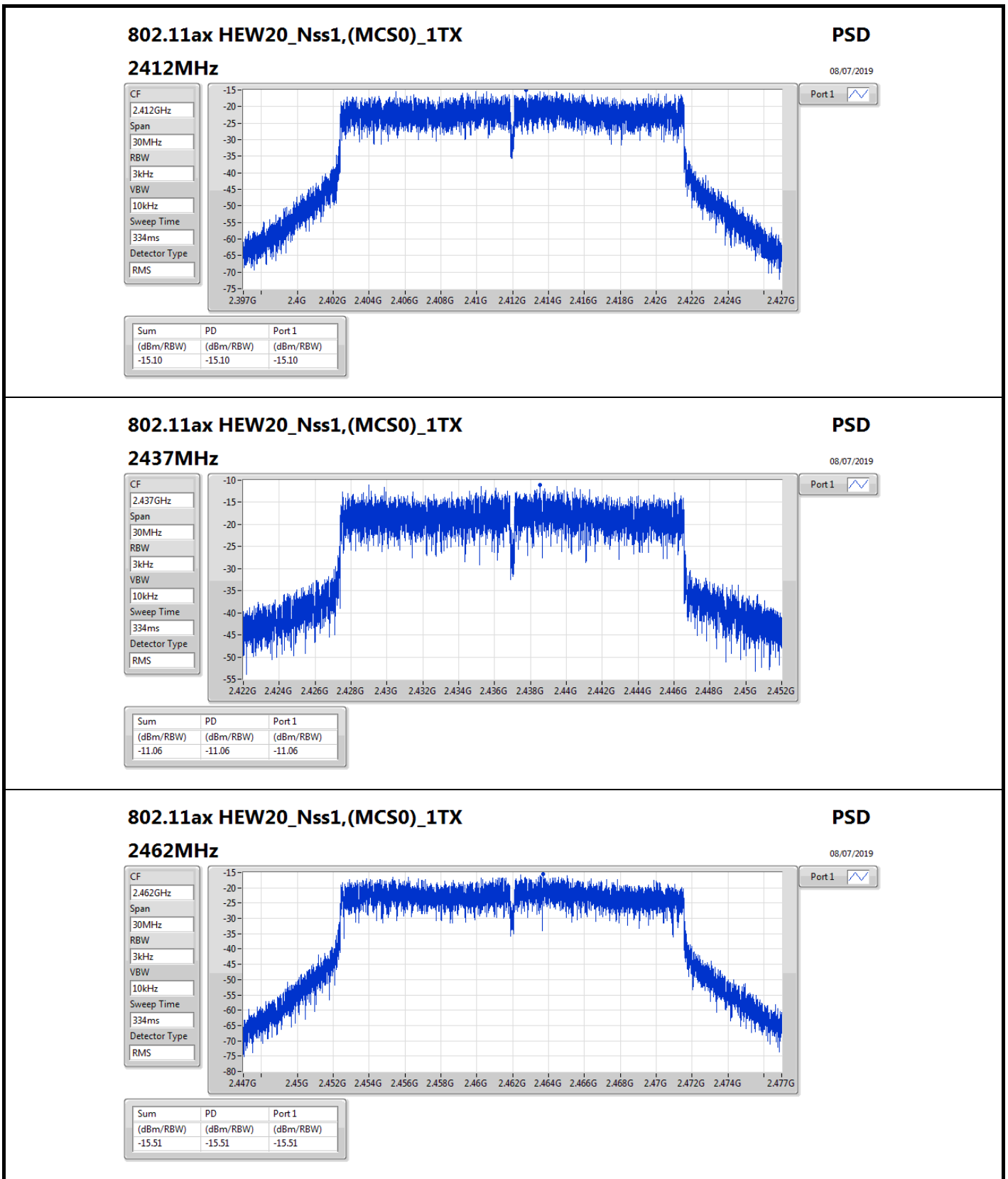
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	10.19	-4.91	-4.91	3.81
2437MHz	Pass	10.19	-4.17	-4.17	3.81
2462MHz	Pass	10.19	-5.97	-5.97	3.81
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	10.19	-12.78	-12.78	3.81
2437MHz	Pass	10.19	-7.43	-7.43	3.81
2462MHz	Pass	10.19	-13.19	-13.19	3.81
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	10.19	-15.10	-15.10	3.81
2437MHz	Pass	10.19	-11.06	-11.06	3.81
2462MHz	Pass	10.19	-15.51	-15.51	3.81
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	10.19	-17.84	-17.84	3.81
2437MHz	Pass	10.19	-17.85	-17.85	3.81
2452MHz	Pass	10.19	-19.29	-19.29	3.81

DG = Directional Gain; RBW=3 kHz;

PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;







802.11ax HEW20_Nss1,(MCS0)_1TX

2462MHz

PSD

08/07/2019

CF
2.462GHz

Span
30MHz

RBW
3kHz

VBW
10kHz

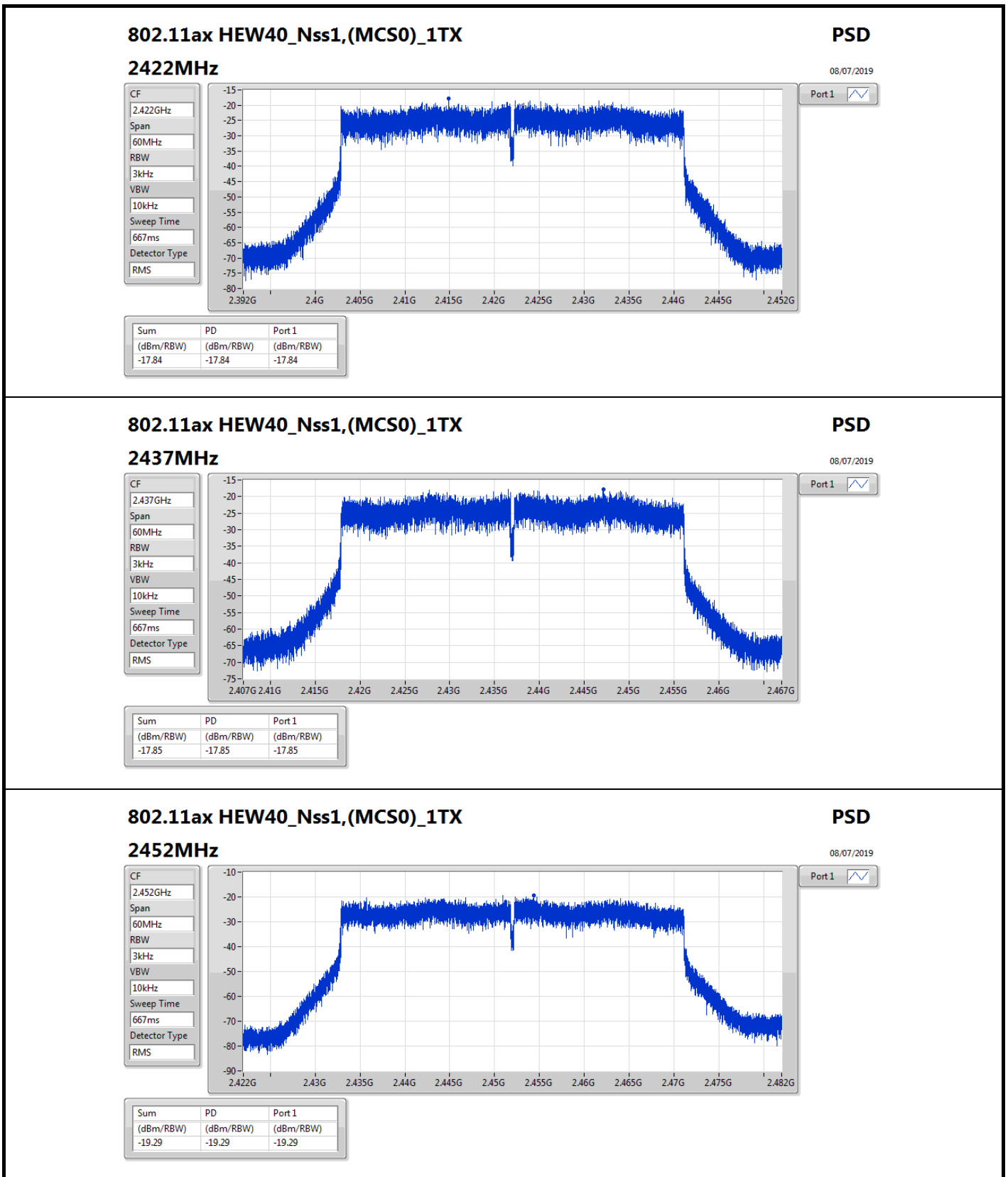
Sweep Time
334ms

Detector Type
RMS



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-15.51	-15.51	-15.51



802.11ax HEW40_Nss1,(MCS0)_1TX

2452MHz

PSD

08/07/2019

CF
2.452GHz

Span
60MHz

RBW
3kHz

VBW
10kHz

Sweep Time
667ms

Detector Type
RMS



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-19.29	-19.29	-19.29



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	-3.83
802.11g_Nss1,(6Mbps)_2TX	-5.95
802.11ax HEW20_Nss1,(MCS0)_2TX	-10.48
802.11ax HEW40_Nss1,(MCS0)_2TX	-17.14

RBW=3 kHz.

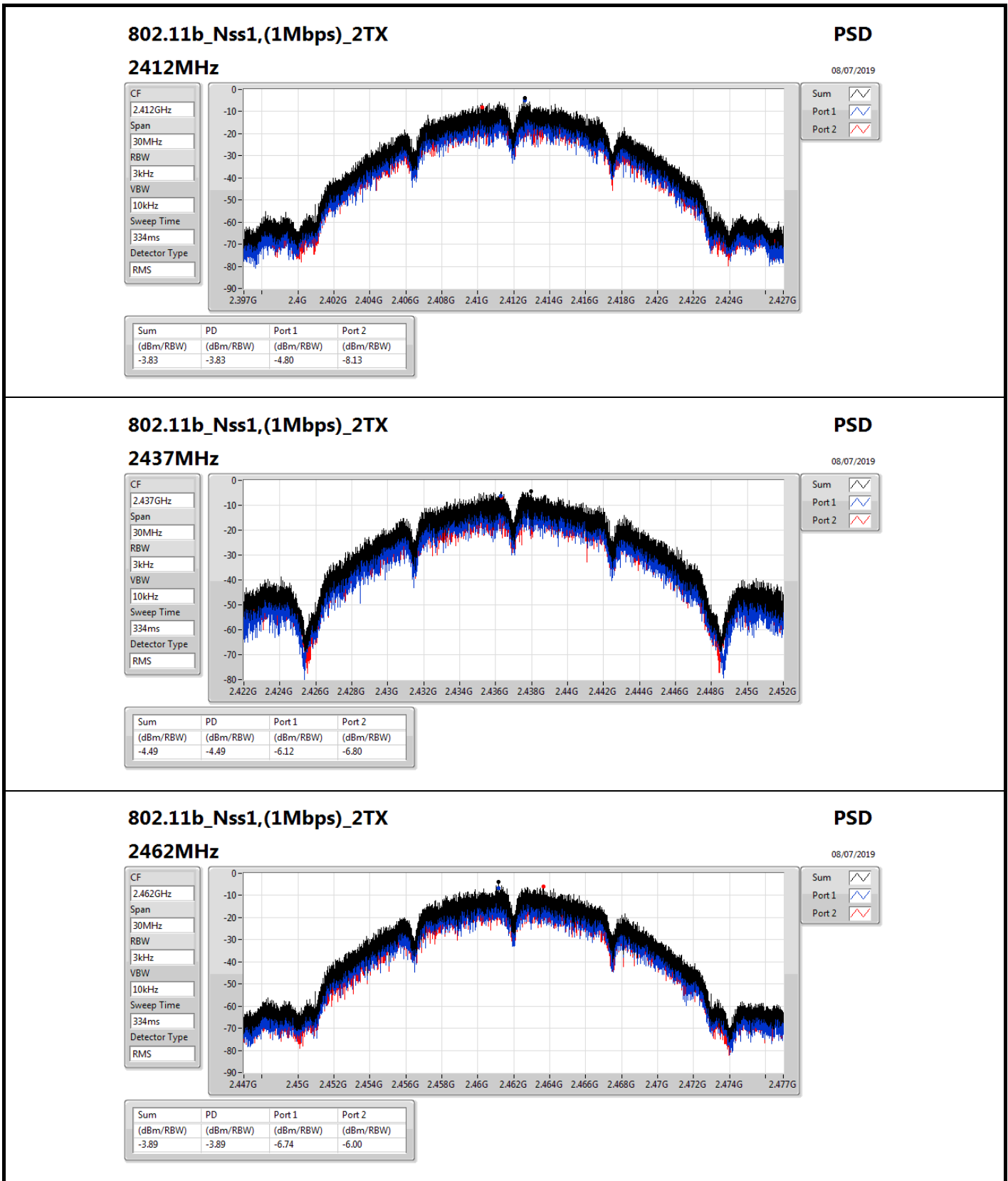


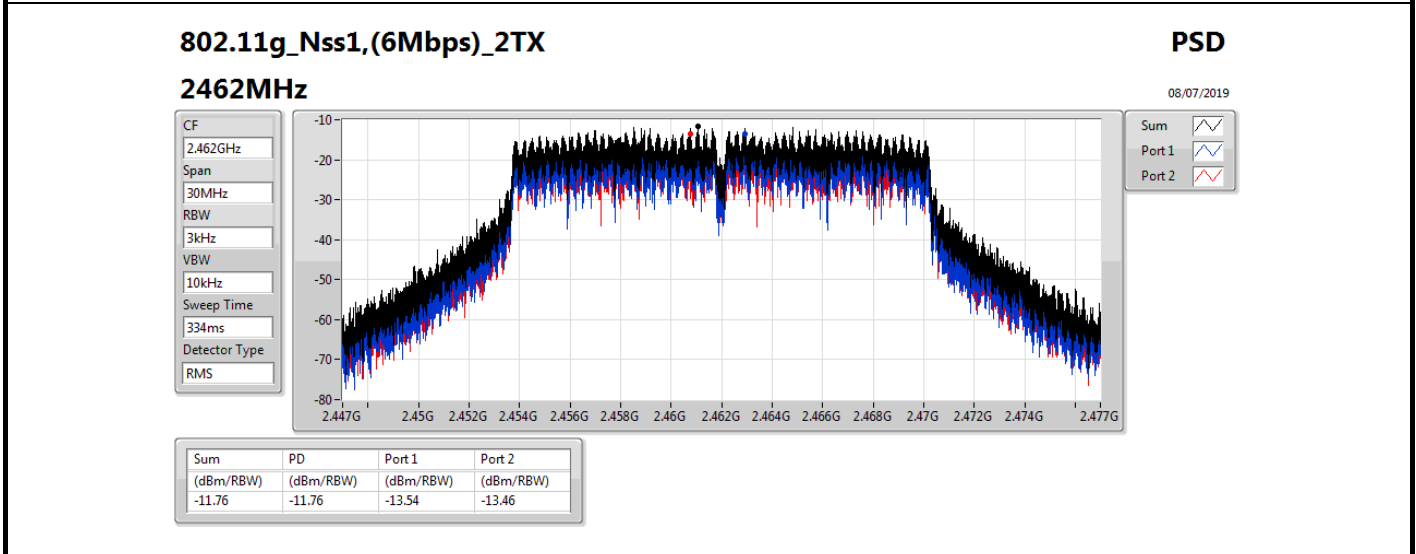
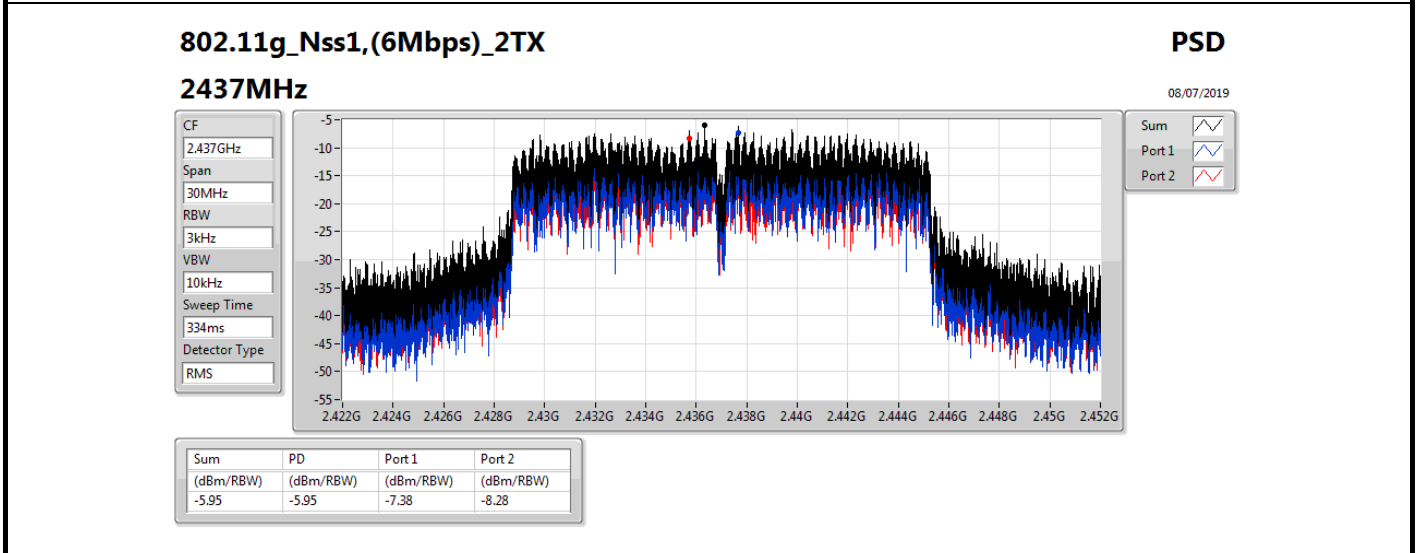
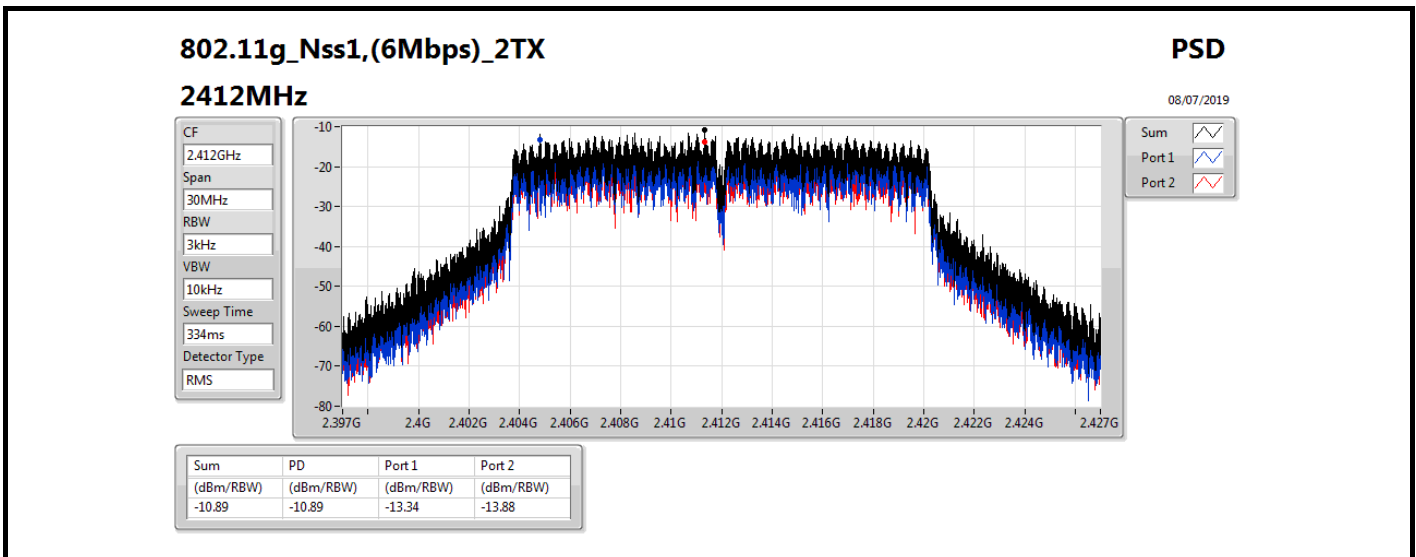
Result

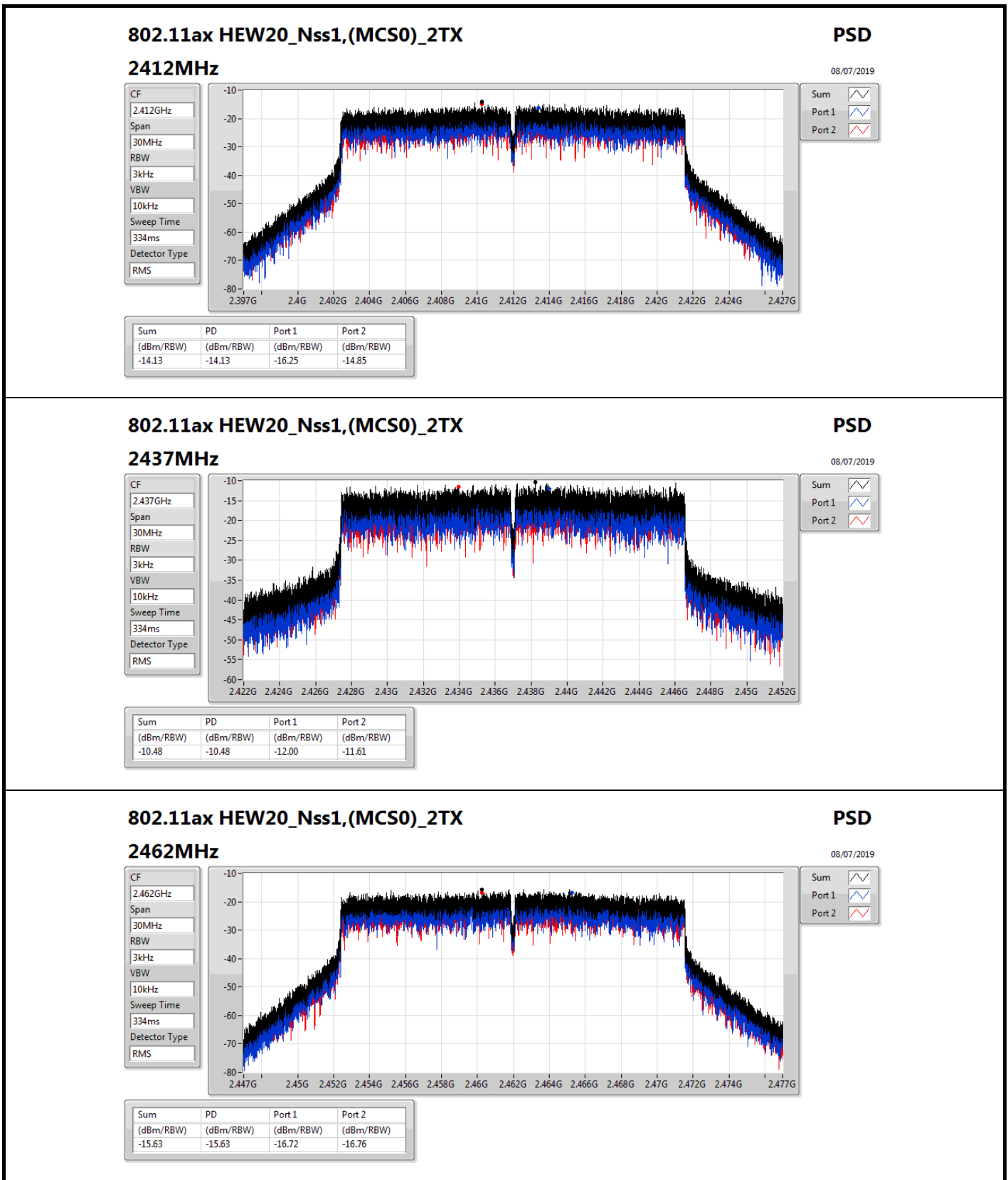
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	13.87	-4.80	-8.13	-3.83	0.13
2437MHz	Pass	13.87	-6.12	-6.80	-4.49	0.13
2462MHz	Pass	13.87	-6.74	-6.00	-3.89	0.13
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	13.87	-13.34	-13.88	-10.89	0.13
2437MHz	Pass	13.87	-7.38	-8.28	-5.95	0.13
2462MHz	Pass	13.87	-13.54	-13.46	-11.76	0.13
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	13.87	-16.25	-14.85	-14.13	0.13
2437MHz	Pass	13.87	-12.00	-11.61	-10.48	0.13
2462MHz	Pass	13.87	-16.72	-16.76	-15.63	0.13
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	13.87	-19.77	-20.03	-18.43	0.13
2437MHz	Pass	13.87	-18.88	-18.19	-17.14	0.13
2452MHz	Pass	13.87	-21.08	-20.91	-18.93	0.13

DG = Directional Gain; RBW=3 kHz;

PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X power density;







802.11ax HEW20_Nss1,(MCS0)_2TX

2462MHz

PSD

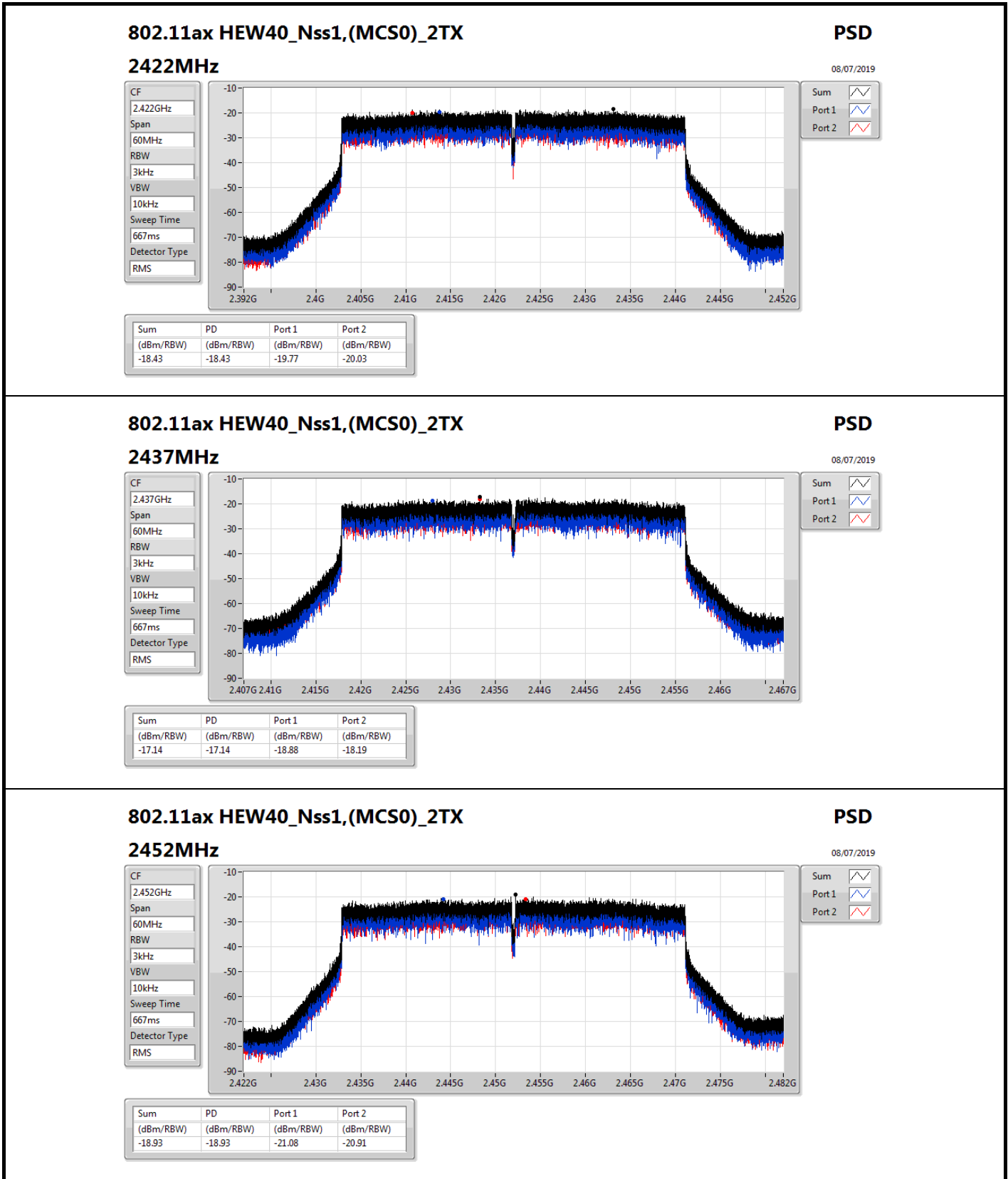
08/07/2019

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-15.63	-15.63	-16.72	-16.76

Sum 

Port 1 

Port 2 



802.11ax HEW40_Nss1,(MCS0)_2TX

2452MHz

PSD

08/07/2019

CF
2.452GHz

Span
60MHz

RBW
3kHz

VBW
10kHz

Sweep Time
667ms

Detector Type
RMS



Sum 

Port 1 

Port 2 



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-2.79
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-6.31

RBW=3 kHz.

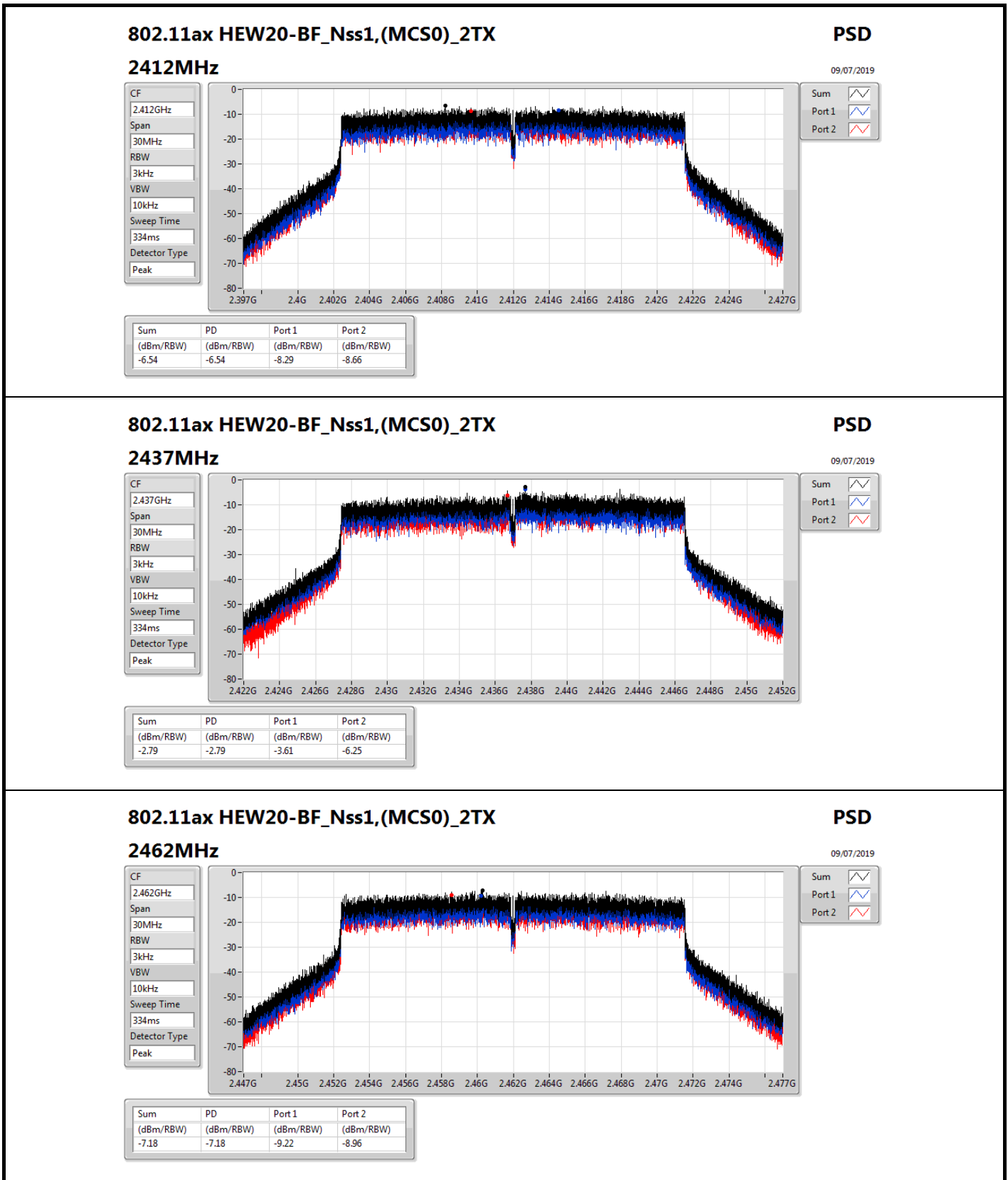


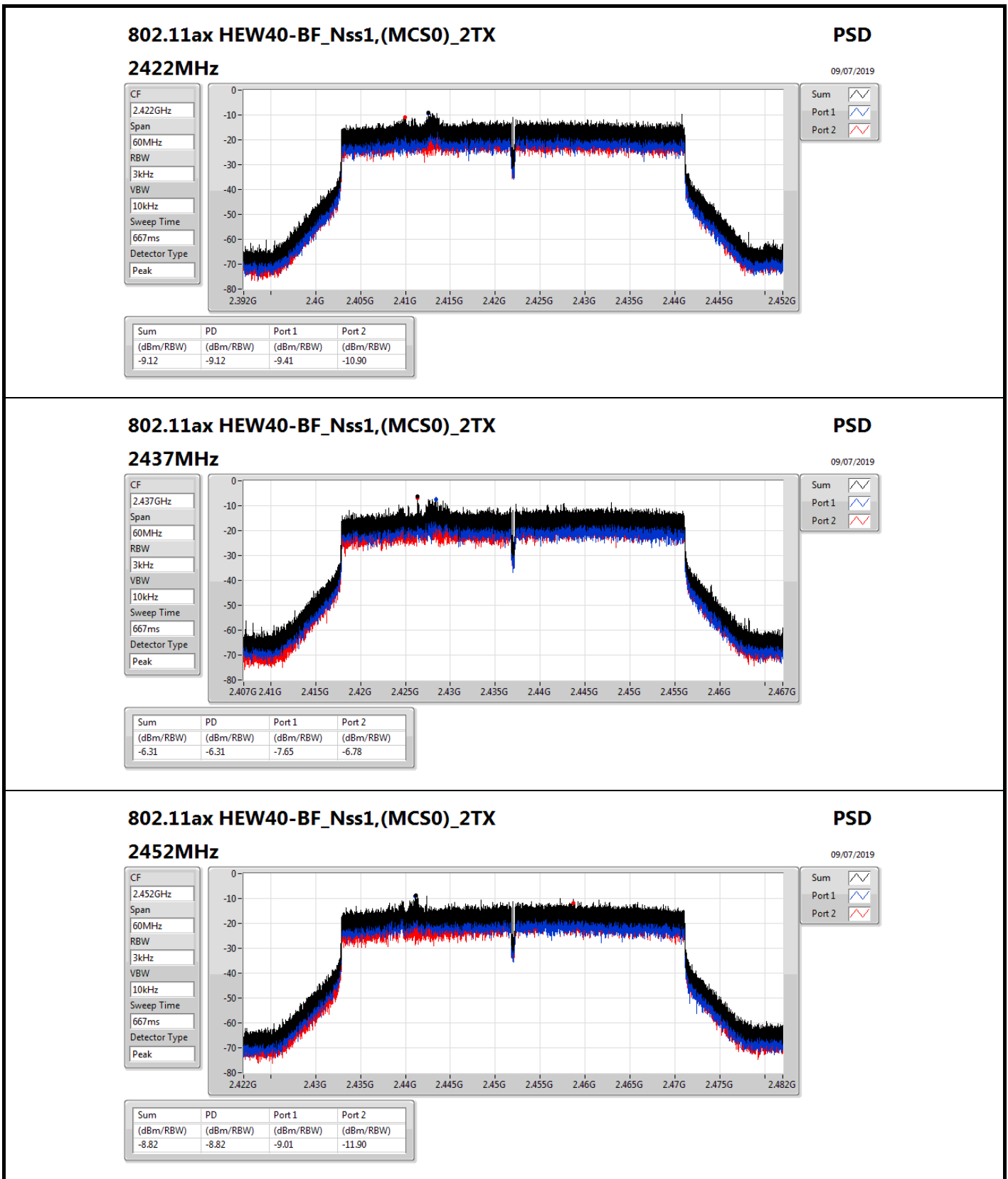
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	13.87	-8.29	-8.66	-6.54	0.13
2437MHz	Pass	13.87	-3.61	-6.25	-2.79	0.13
2462MHz	Pass	13.87	-9.22	-8.96	-7.18	0.13
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	13.87	-9.41	-10.90	-9.12	0.13
2437MHz	Pass	13.87	-7.65	-6.78	-6.31	0.13
2452MHz	Pass	13.87	-9.01	-11.90	-8.82	0.13

DG = Directional Gain; RBW=3 kHz;

PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X power density;





802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2452MHz

PSD

09/07/2019

CF
2.452GHz

Span
60MHz

RBW
3kHz

VBW
10kHz

Sweep Time
667ms

Detector Type
Peak



Sum 

Port 1 

Port 2 



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_4TX	-3.31
802.11g_Nss1,(6Mbps)_4TX	-6.75
802.11ax HEW20_Nss1,(MCS0)_4TX	-10.42
802.11ax HEW40_Nss1,(MCS0)_4TX	-15.12

RBW=3 kHz.

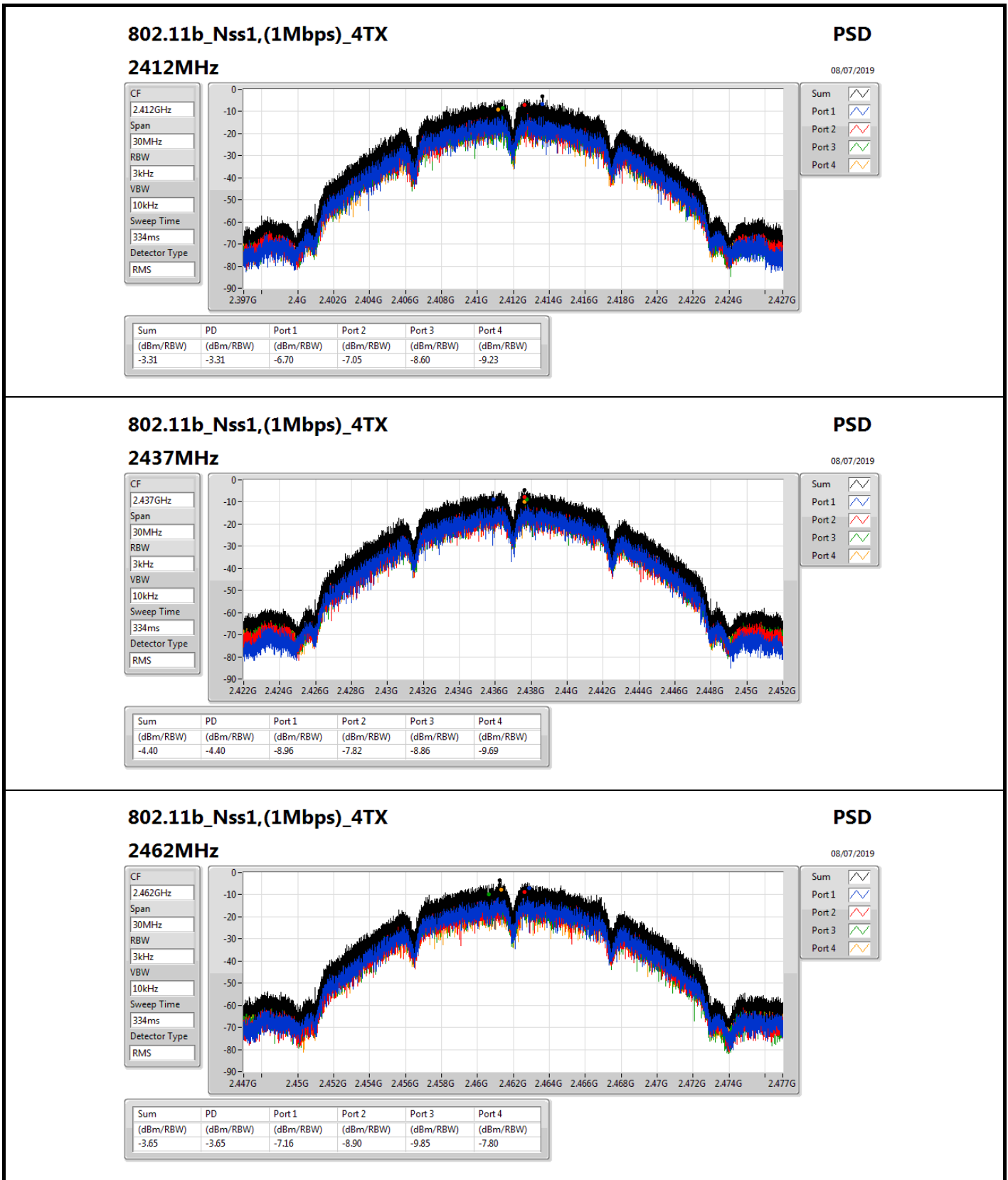


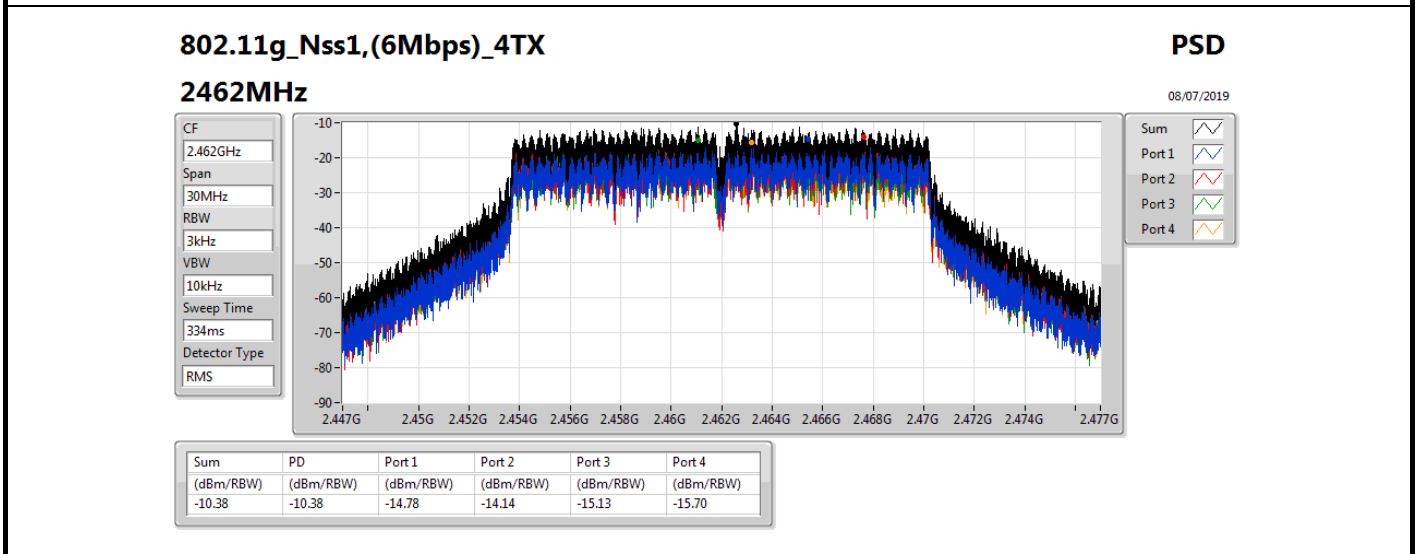
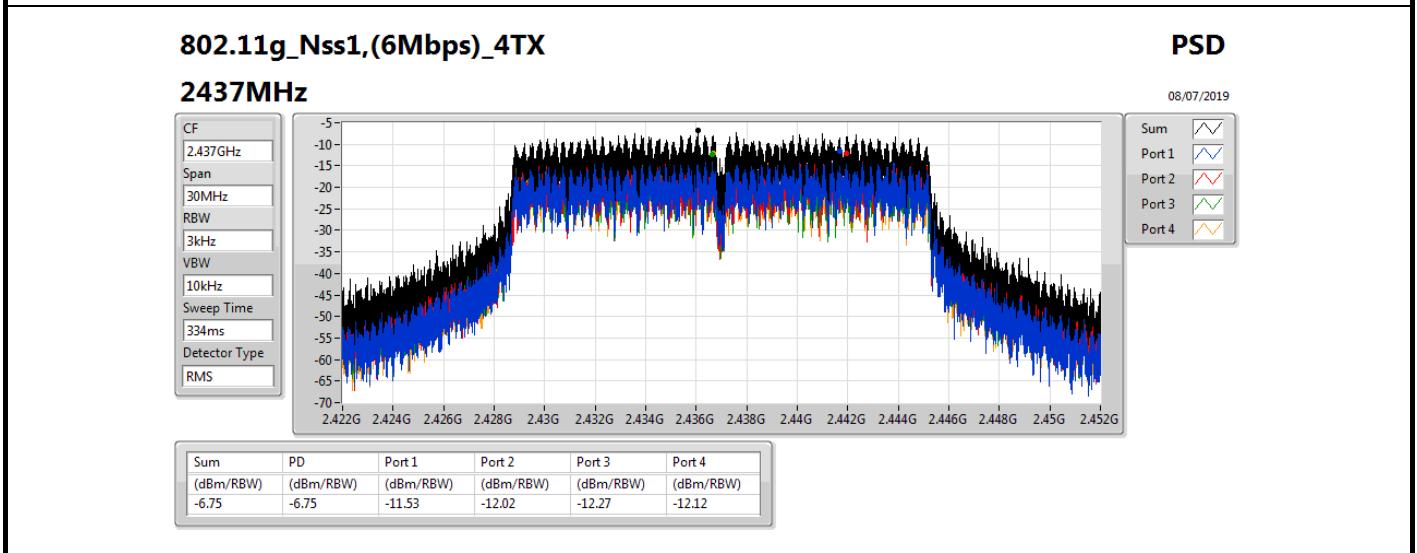
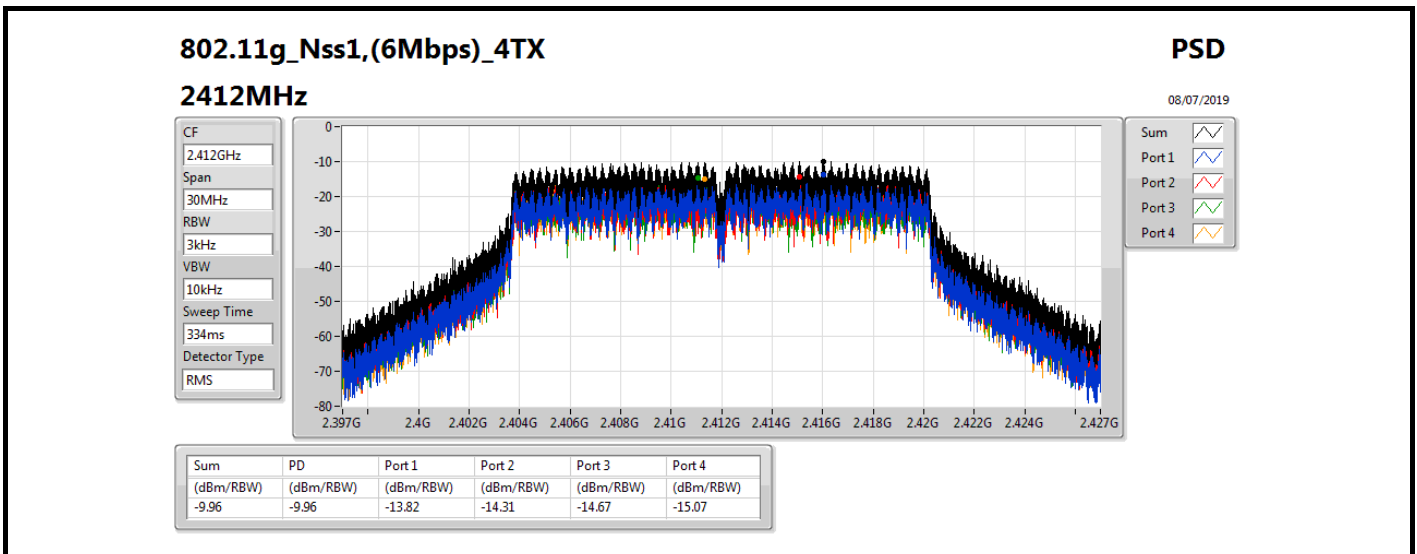
Result

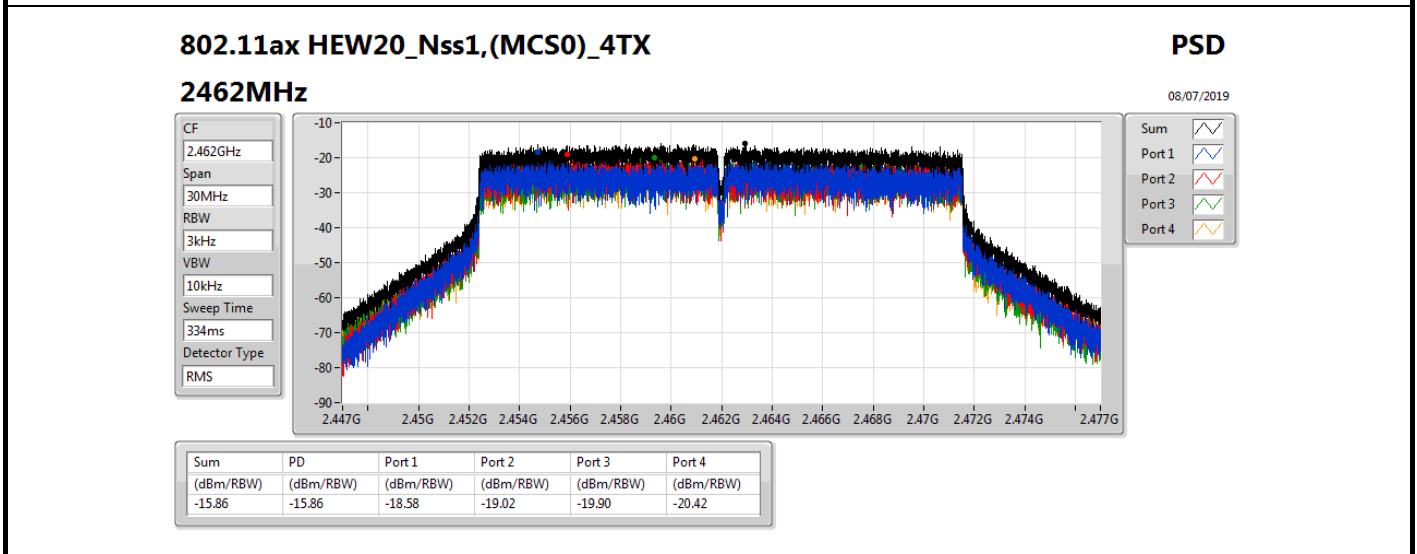
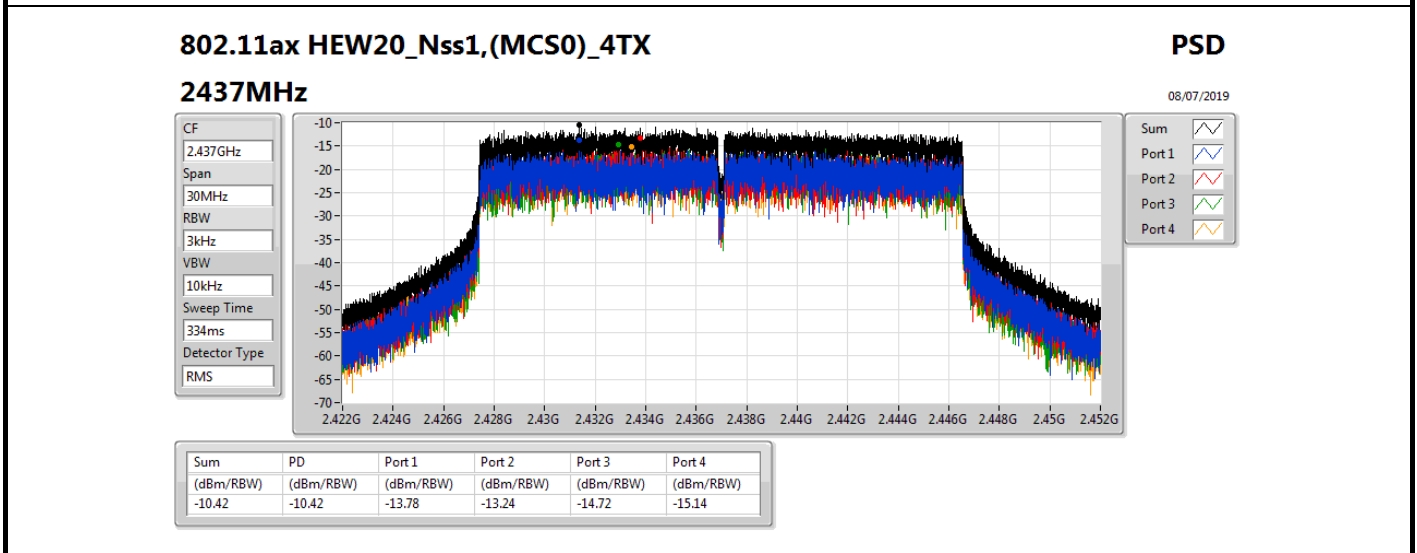
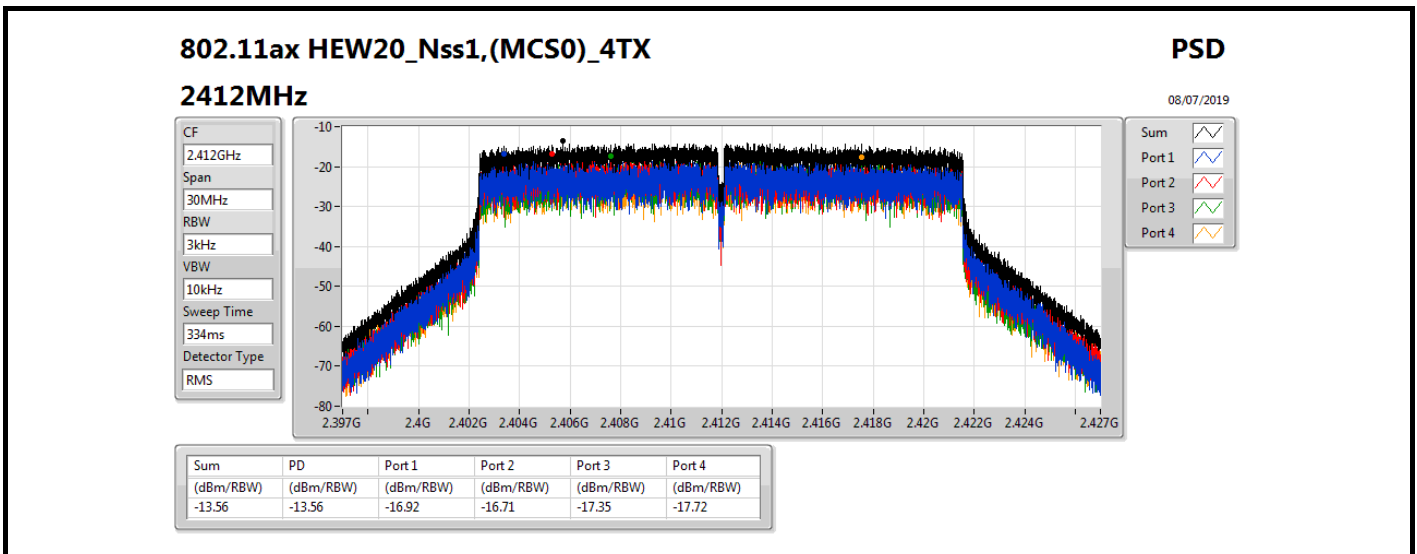
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	16.76	-6.70	-7.05	-8.60	-9.23	-3.31	-2.76
2437MHz	Pass	16.76	-8.96	-7.82	-8.86	-9.69	-4.40	-2.76
2462MHz	Pass	16.76	-7.16	-8.90	-9.85	-7.80	-3.65	-2.76
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	16.76	-13.82	-14.31	-14.67	-15.07	-9.96	-2.76
2437MHz	Pass	16.76	-11.53	-12.02	-12.27	-12.12	-6.75	-2.76
2462MHz	Pass	16.76	-14.78	-14.14	-15.13	-15.70	-10.38	-2.76
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	16.76	-16.92	-16.71	-17.35	-17.72	-13.56	-2.76
2437MHz	Pass	16.76	-13.78	-13.24	-14.72	-15.14	-10.42	-2.76
2462MHz	Pass	16.76	-18.58	-19.02	-19.90	-20.42	-15.86	-2.76
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	16.76	-21.39	-21.56	-21.61	-21.82	-17.76	-2.76
2437MHz	Pass	16.76	-18.68	-18.18	-19.20	-19.89	-15.12	-2.76
2452MHz	Pass	16.76	-24.15	-24.09	-24.00	-23.93	-20.93	-2.76

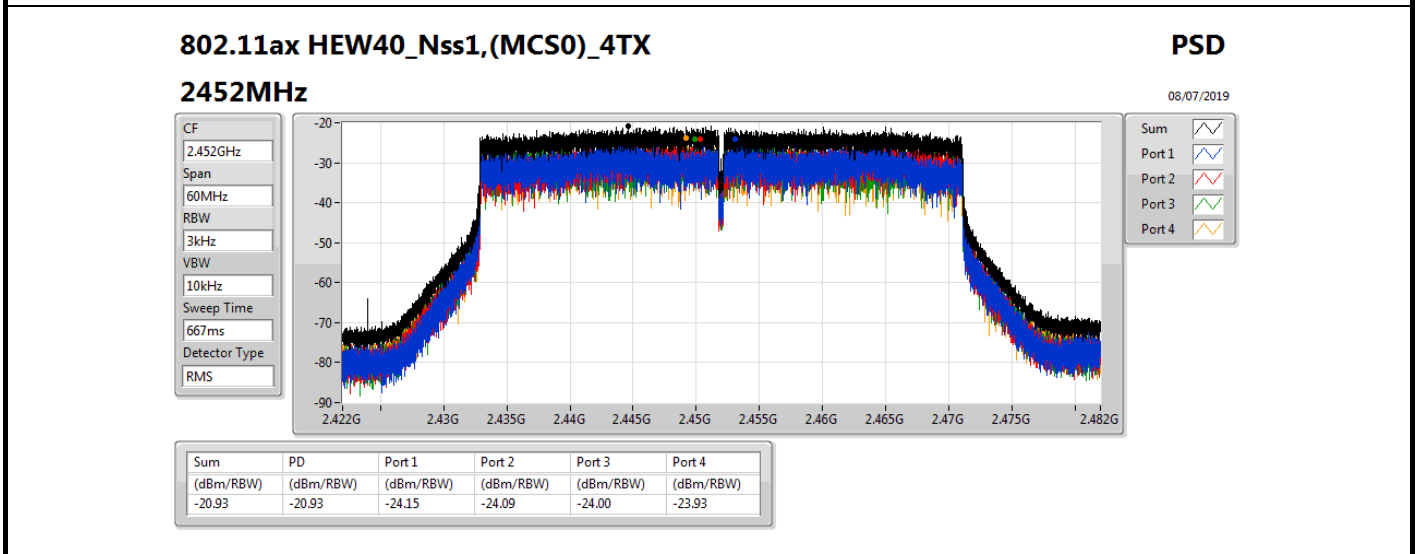
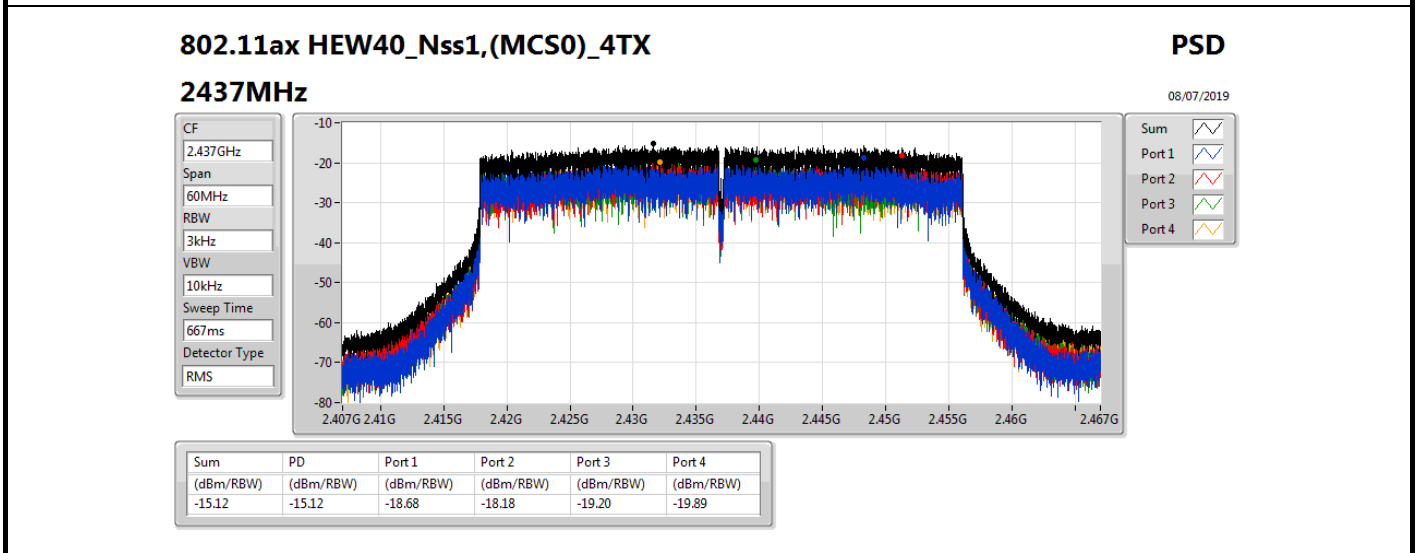
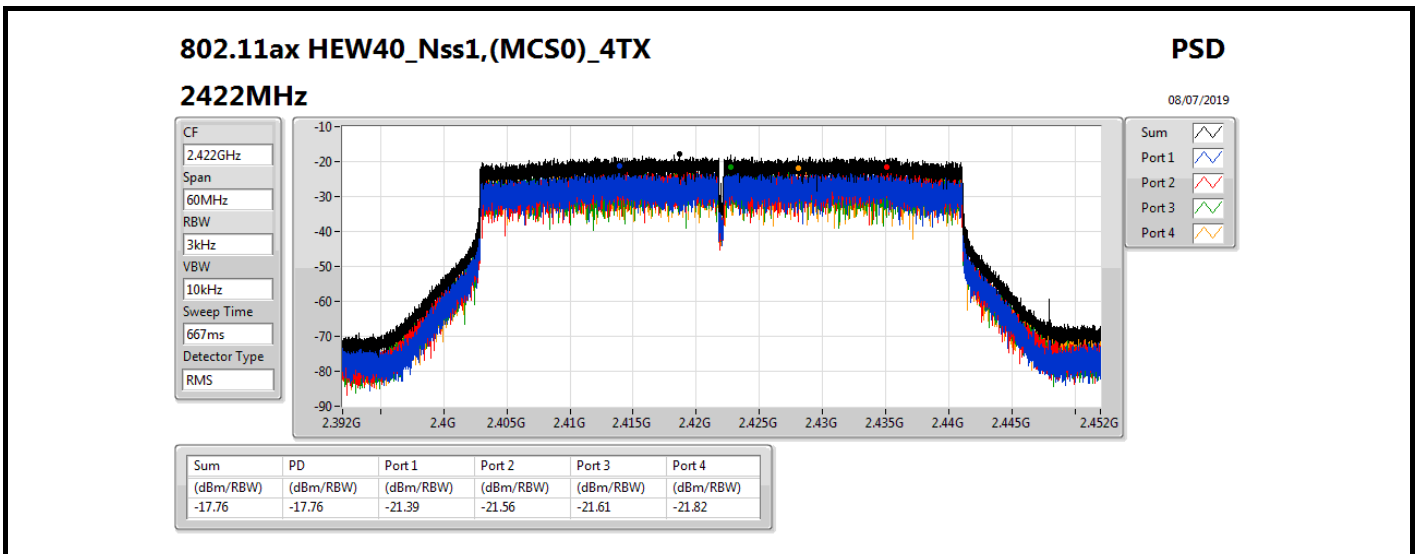
DG = Directional Gain; RBW=3 kHz;

PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X power density;











Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-7.07
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-7.96

RBW=3 kHz.

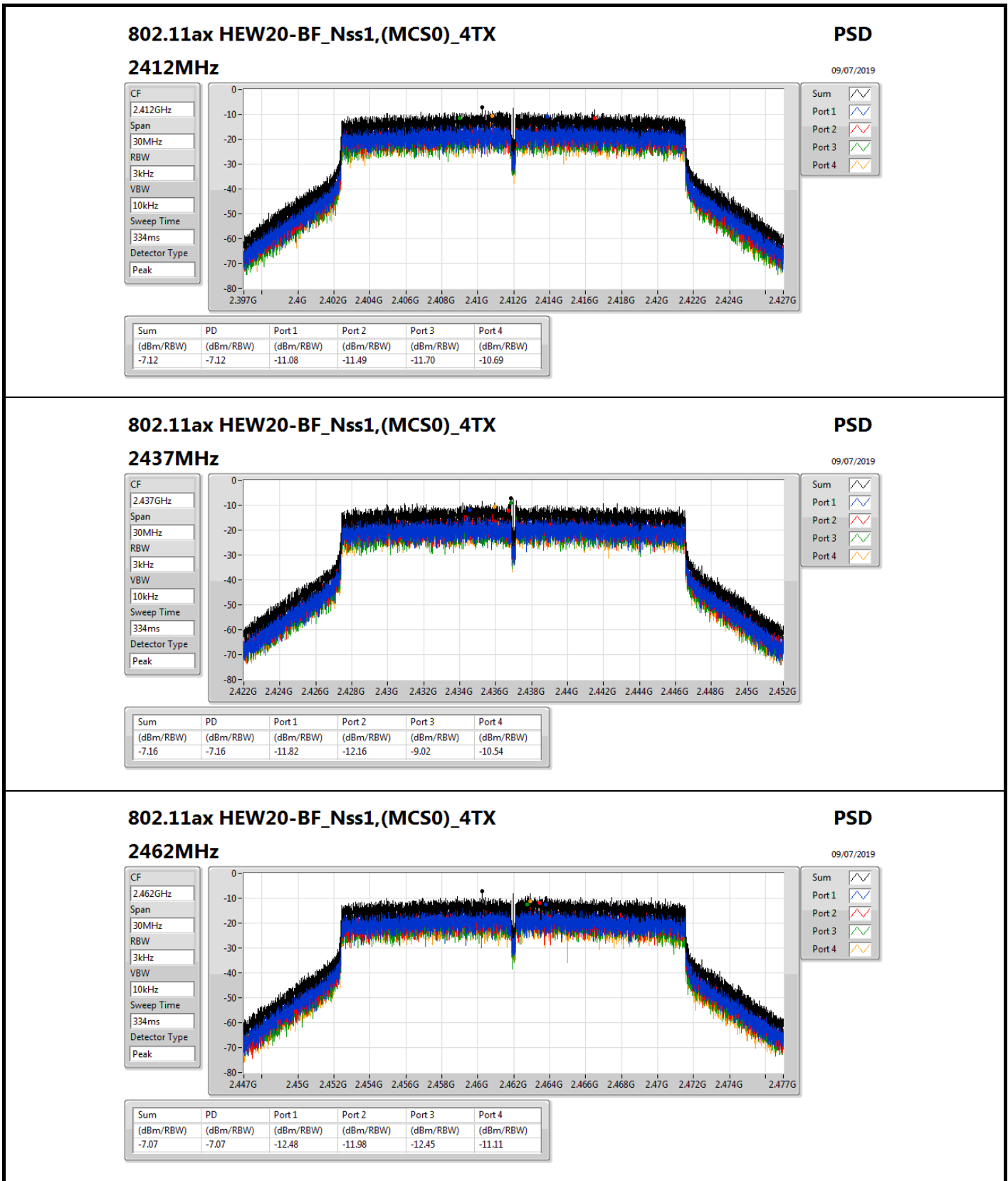


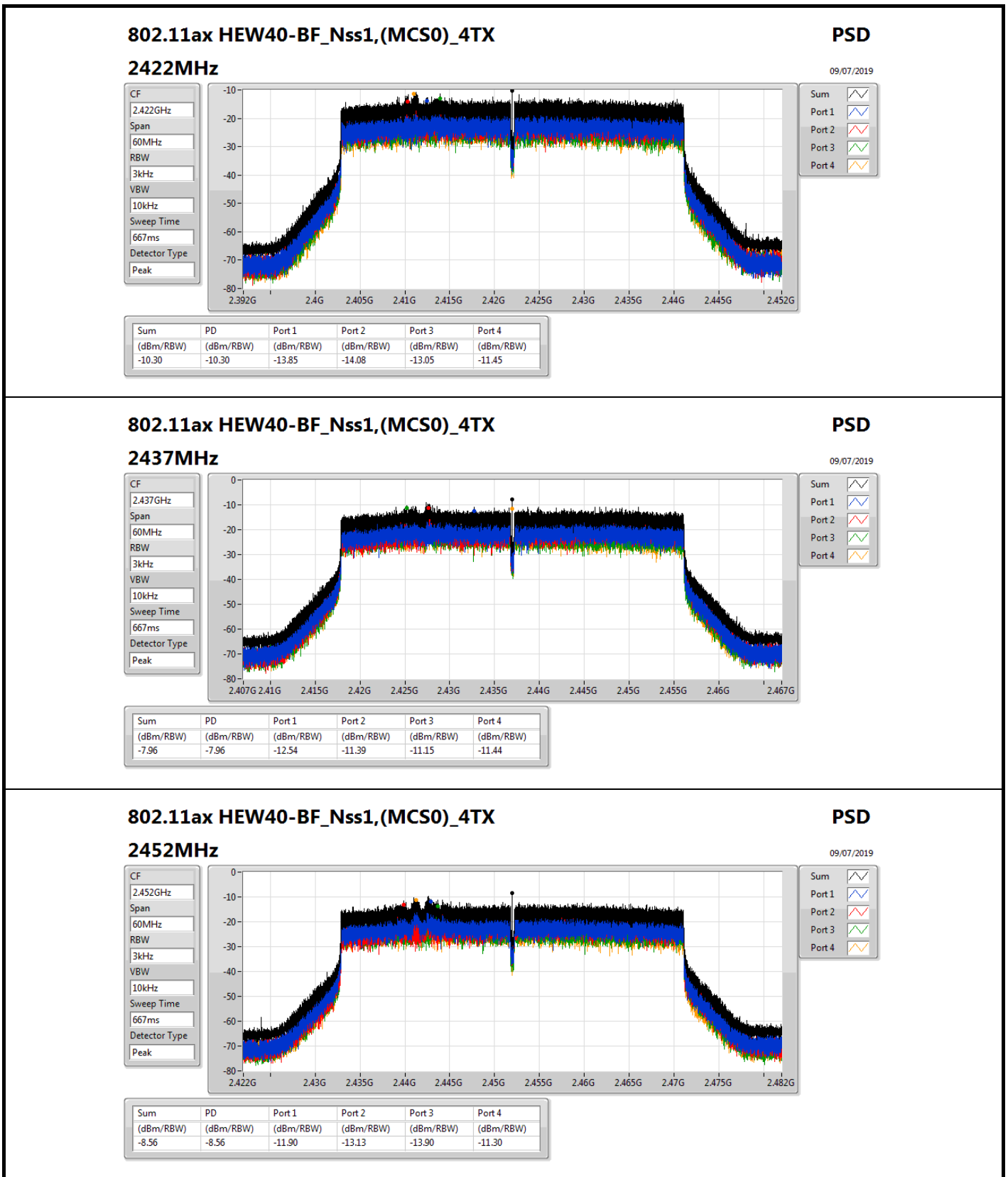
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	16.76	-11.08	-11.49	-11.70	-10.69	-7.12	-2.76
2437MHz	Pass	16.76	-11.82	-12.16	-9.02	-10.54	-7.16	-2.76
2462MHz	Pass	16.76	-12.48	-11.98	-12.45	-11.11	-7.07	-2.76
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	16.76	-13.85	-14.08	-13.05	-11.45	-10.30	-2.76
2437MHz	Pass	16.76	-12.54	-11.39	-11.15	-11.44	-7.96	-2.76
2452MHz	Pass	16.76	-11.90	-13.13	-13.90	-11.30	-8.56	-2.76

DG = Directional Gain; RBW=3 kHz;

PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X power density;





802.11ax HEW40-BF_Nss1,(MCS0)_4TX

2452MHz

PSD

09/07/2019

CF
2.452GHz

Span
60MHz

RBW
3kHz

VBW
10kHz

Sweep Time
667ms

Detector Type
Peak



Sum 

Port 1 

Port 2 

Port 3 

Port 4 



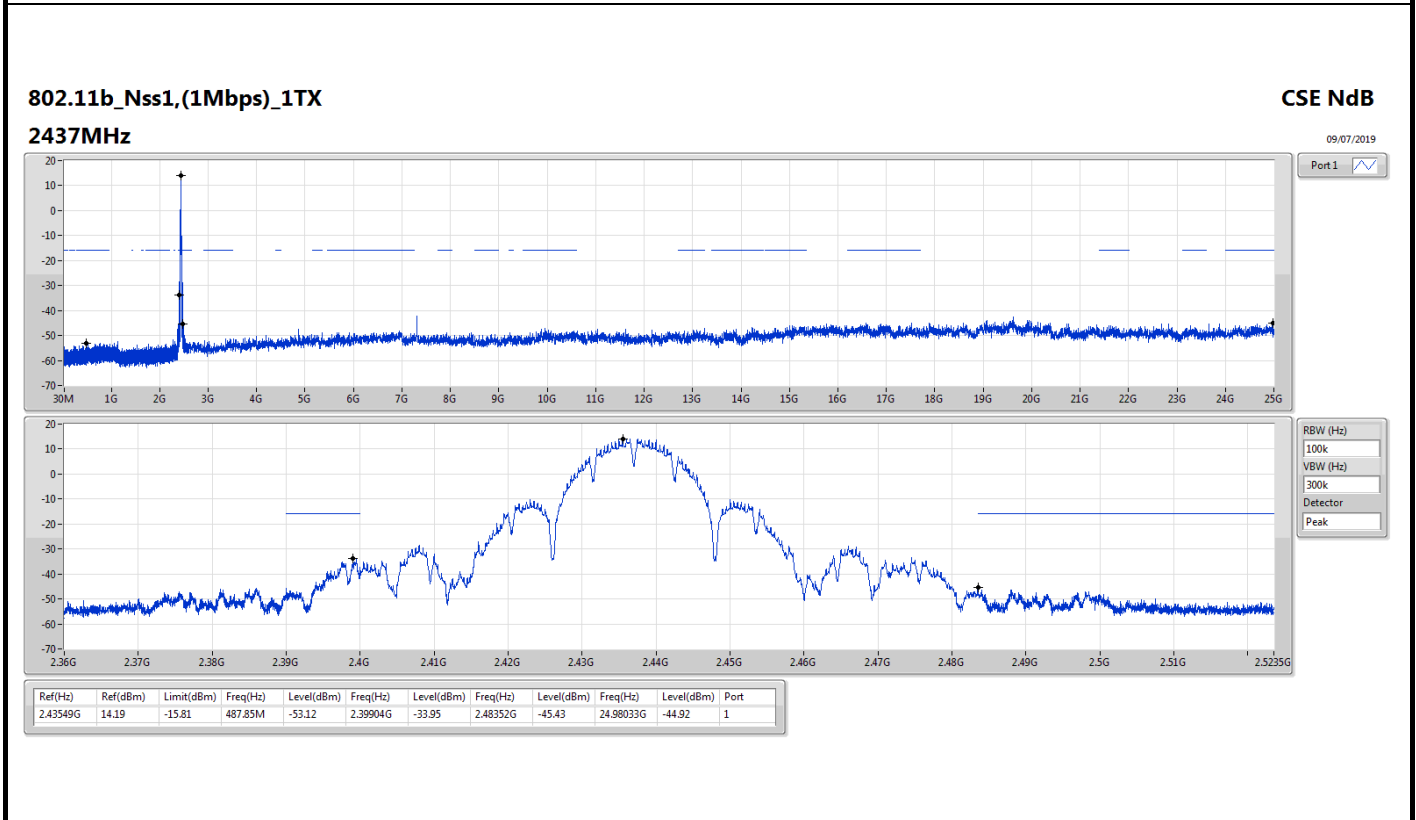
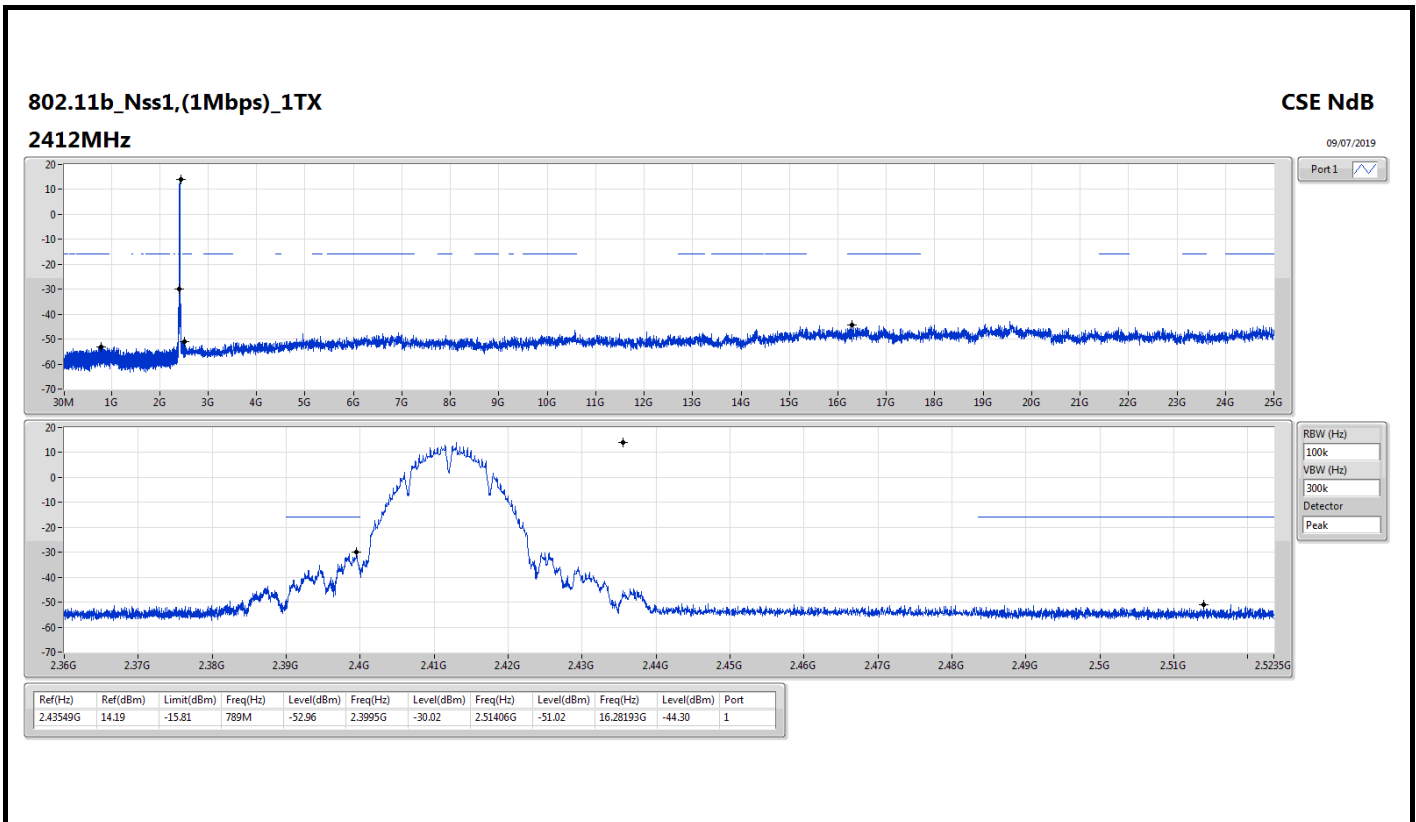
Summary

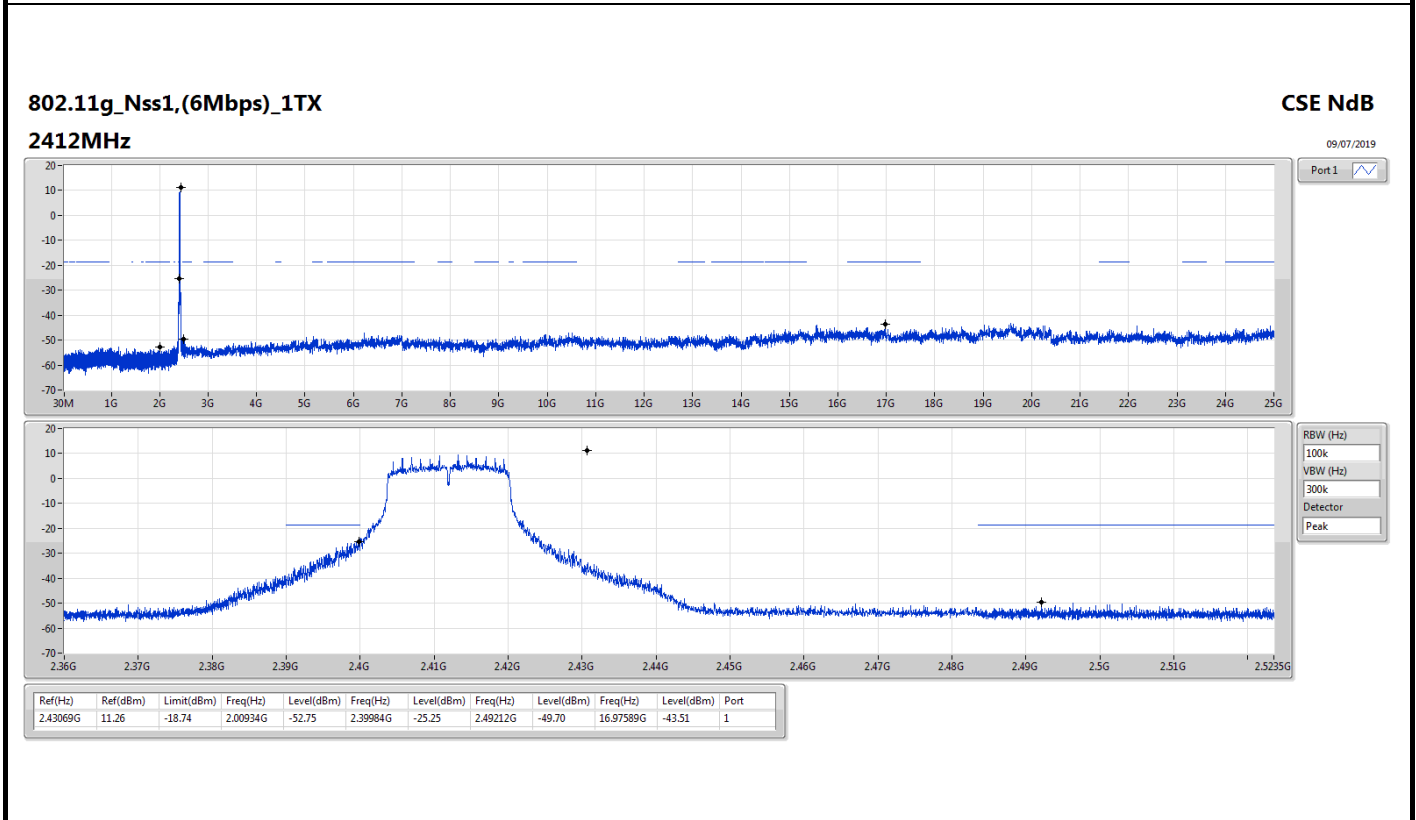
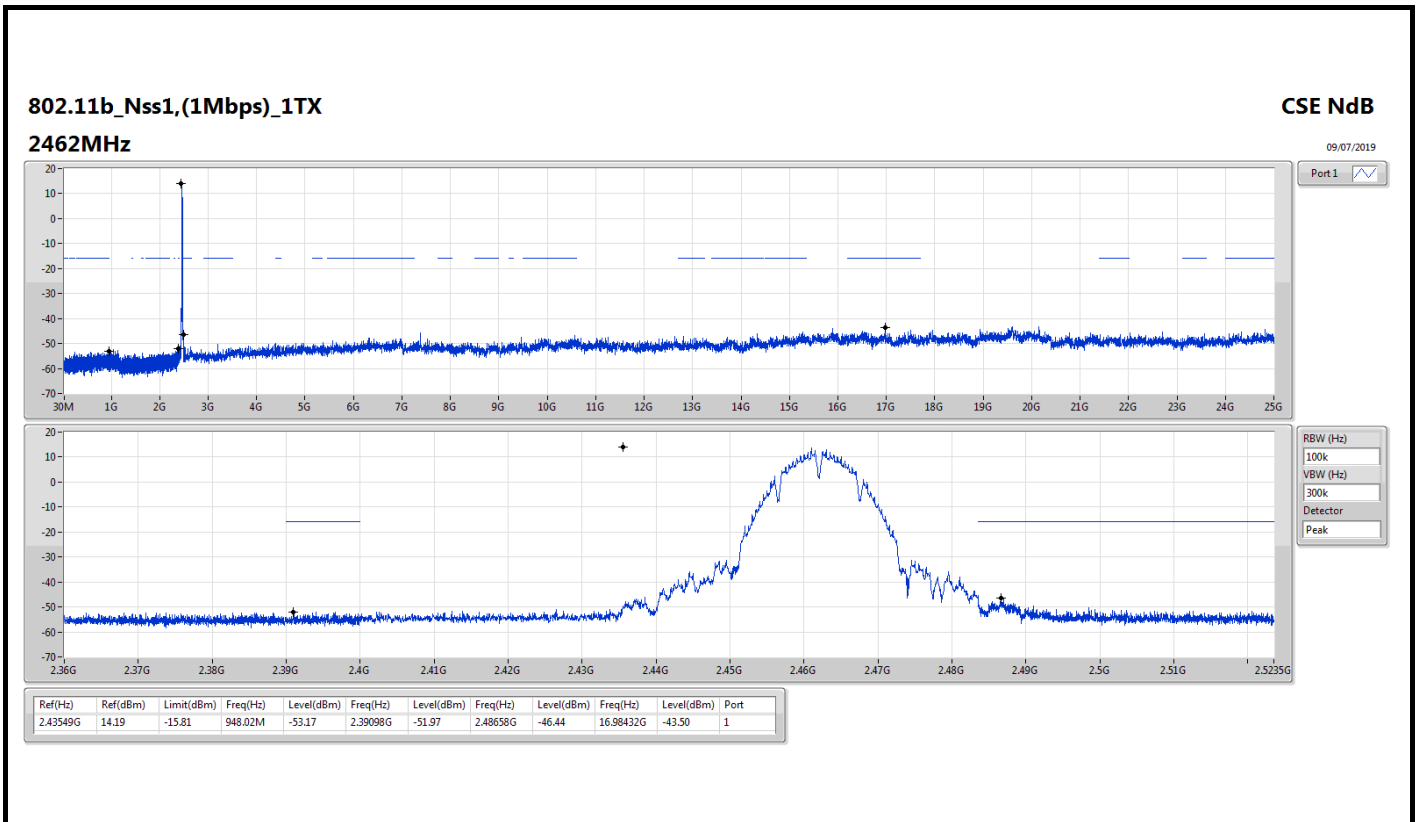
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	2.43549G	14.19	-15.81	789M	-52.96	2.3995G	-30.02	2.51406G	-51.02	16.28193G	-44.30	1
802.11g_Nss1,(6Mbps)_1TX	Pass	2.43069G	11.26	-18.74	2.00934G	-52.75	2.39984G	-25.25	2.49212G	-49.70	16.97589G	-43.51	1
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	2.43069G	11.89	-18.11	303.78M	-51.87	2.39962G	-22.43	2.51012G	-50.60	17.51533G	-44.65	1
802.11ax HEW40_Nss1,(MCS0)_1TX	Pass	2.42822G	6.38	-23.62	49.75M	-37.89	2.39928G	-27.09	2.48382G	-45.97	24.76442G	-44.65	1

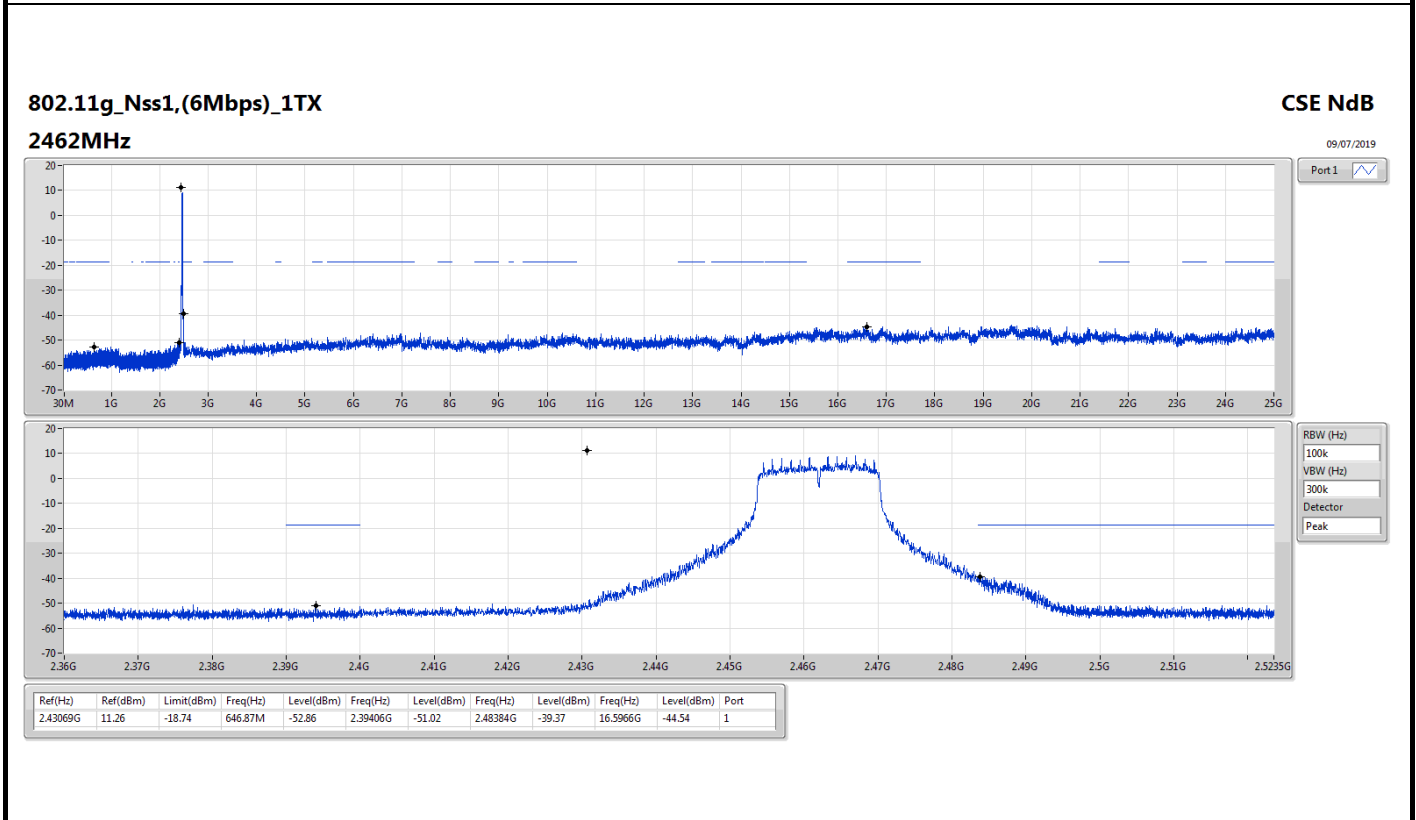
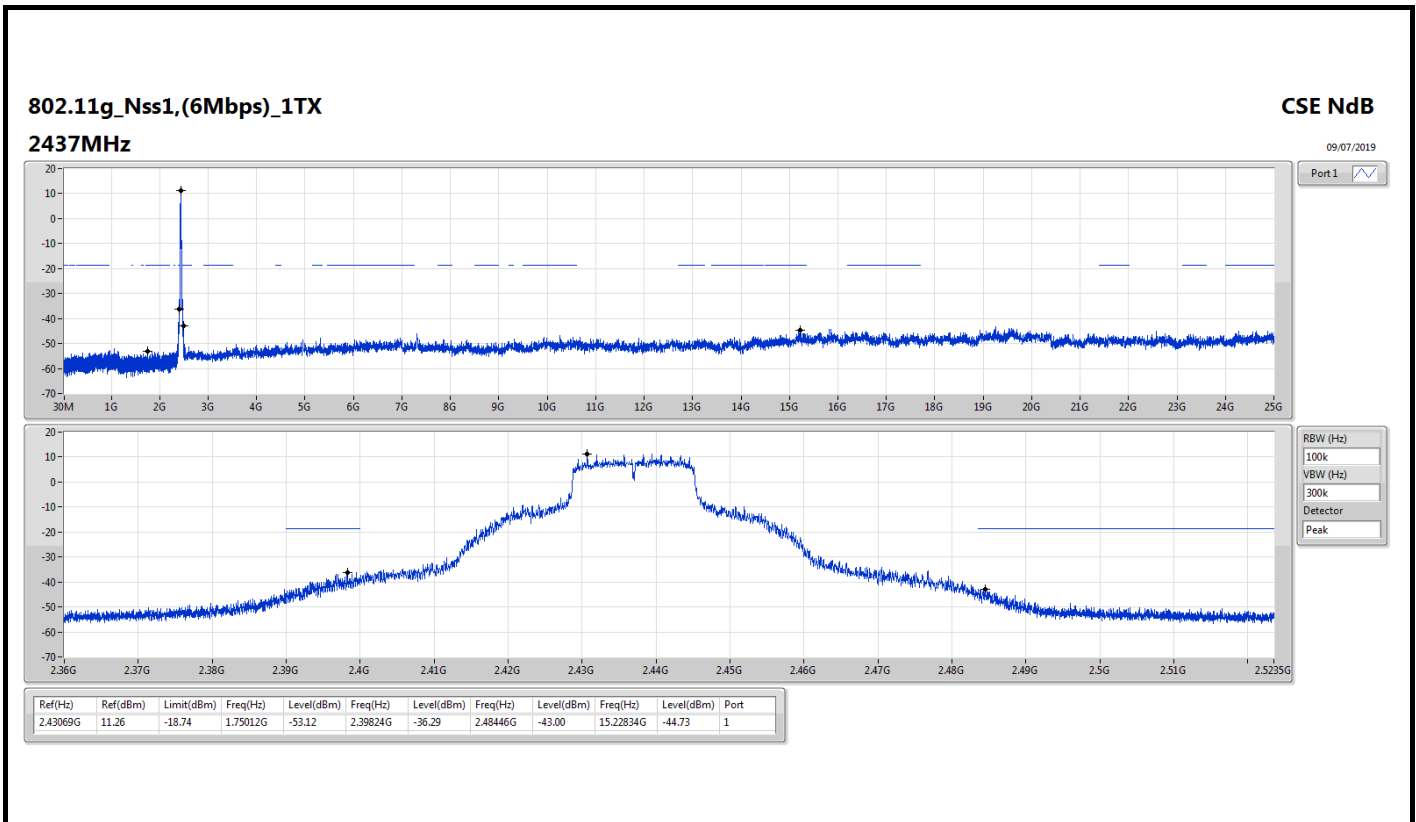


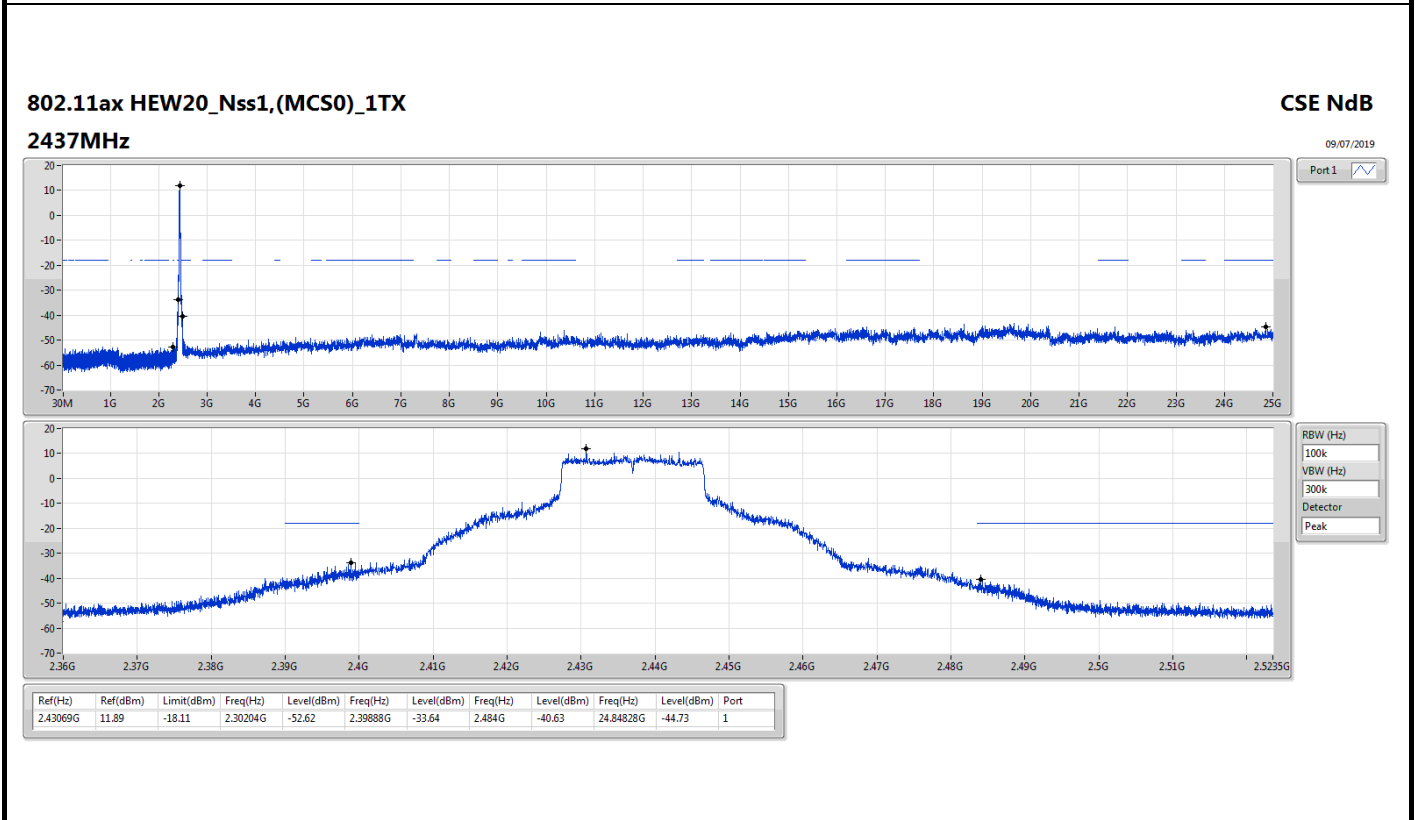
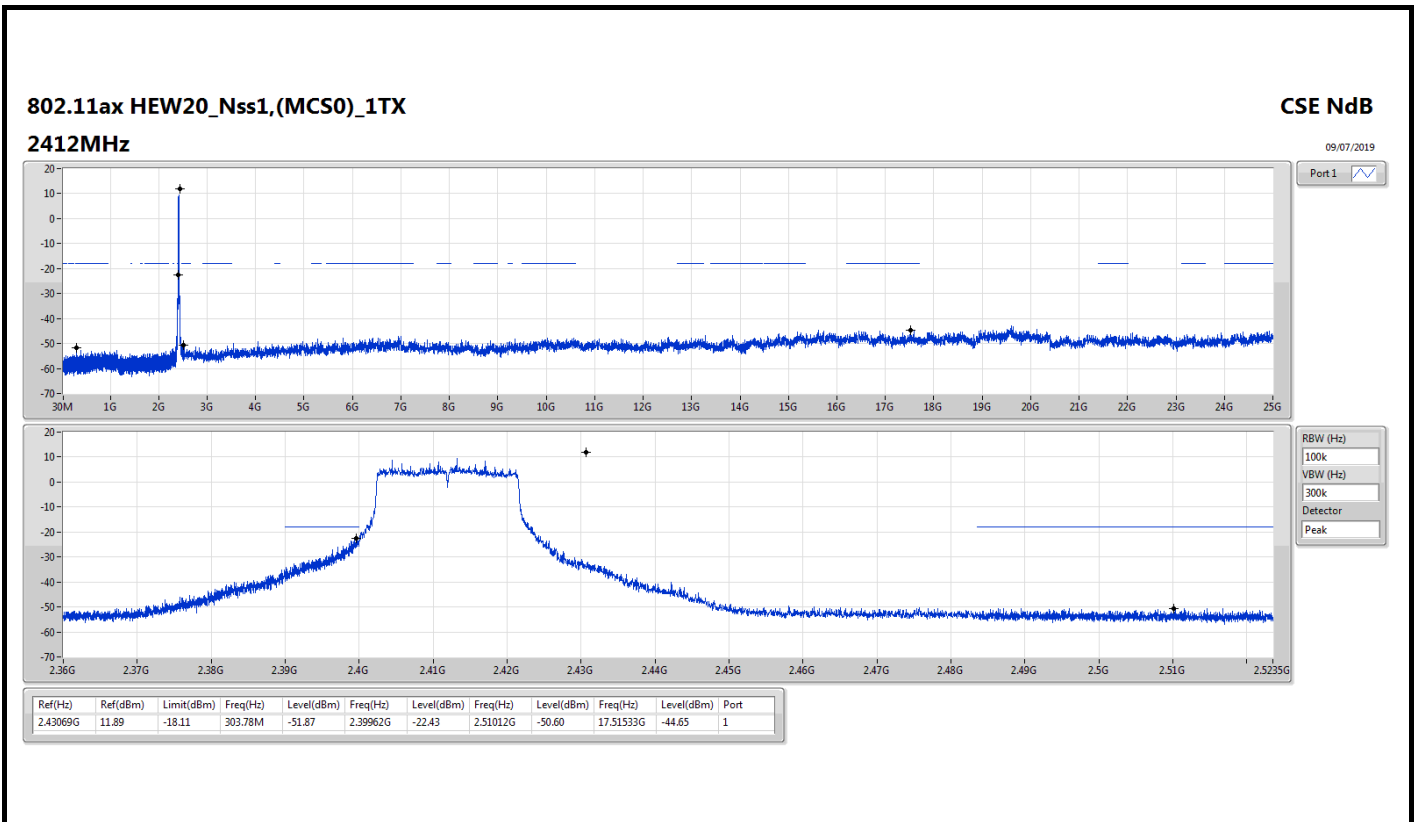
Result

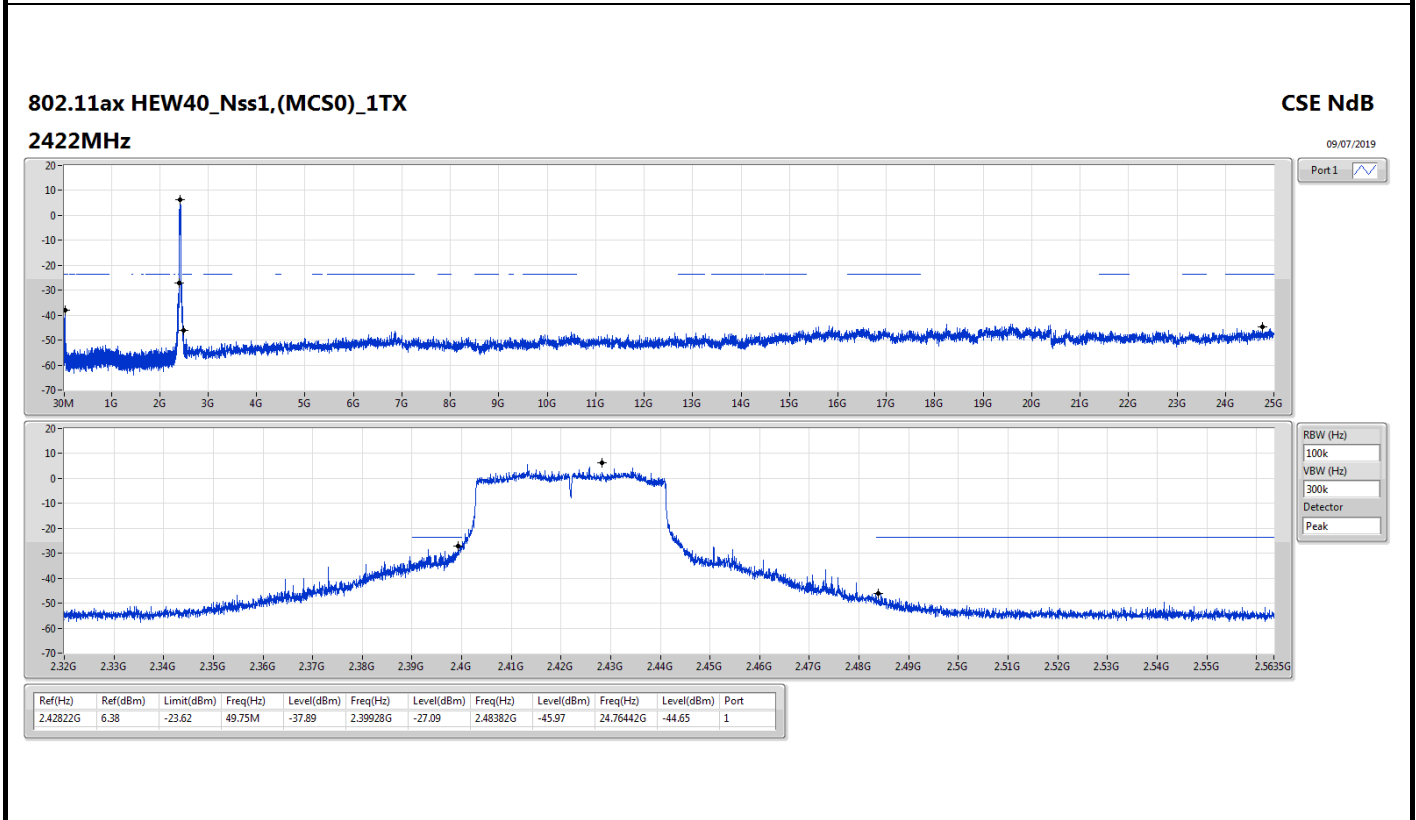
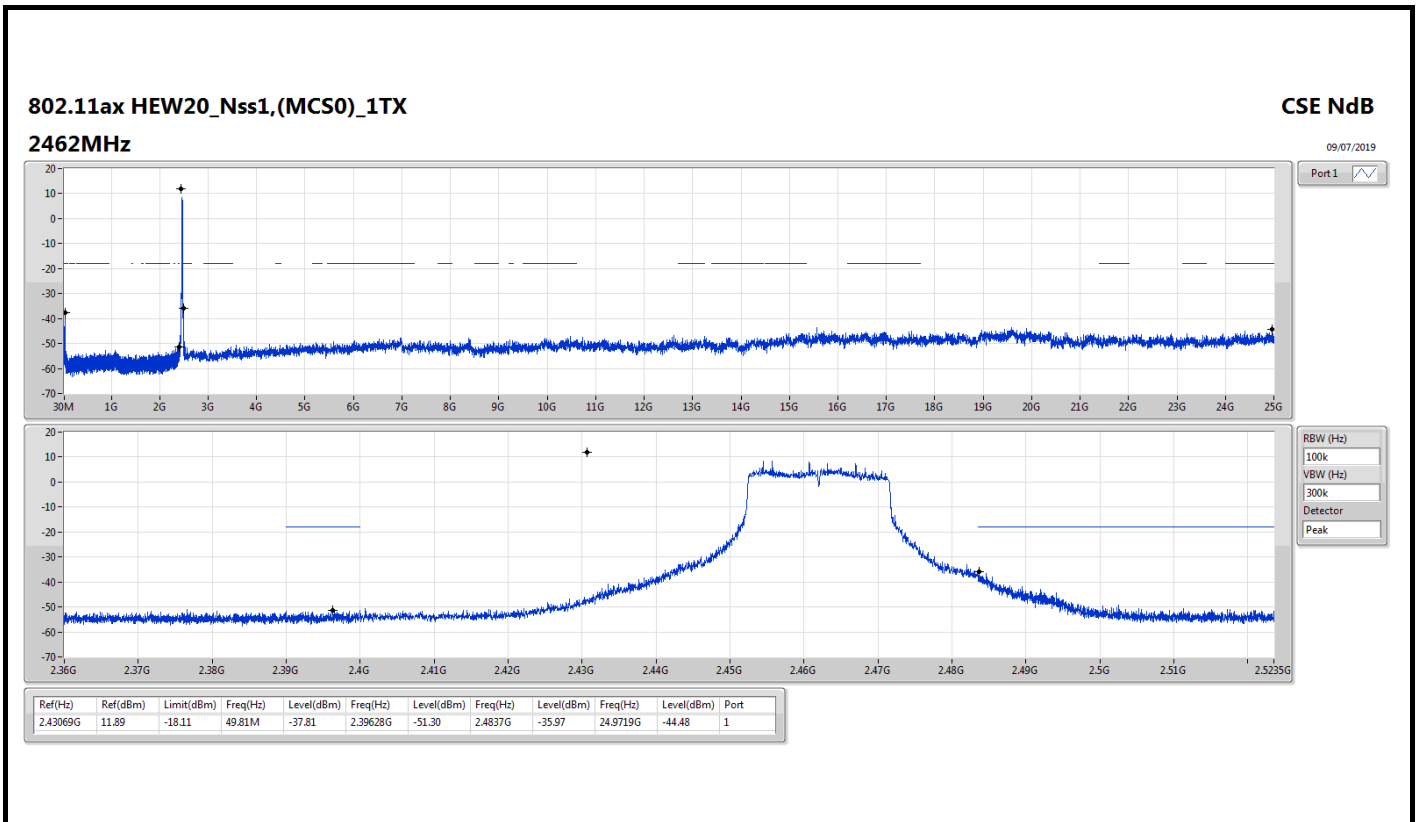
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43549G	14.19	-15.81	789M	-52.96	2.3995G	-30.02	2.51406G	-51.02	16.28193G	-44.30	1
2437MHz	Pass	2.43549G	14.19	-15.81	487.85M	-53.12	2.39904G	-33.95	2.48352G	-45.43	24.98033G	-44.92	1
2462MHz	Pass	2.43549G	14.19	-15.81	948.02M	-53.17	2.39098G	-51.97	2.48658G	-46.44	16.98432G	-43.50	1
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43069G	11.26	-18.74	2.00934G	-52.75	2.39984G	-25.25	2.49212G	-49.70	16.97589G	-43.51	1
2437MHz	Pass	2.43069G	11.26	-18.74	1.75012G	-53.12	2.39824G	-36.29	2.48446G	-43.00	15.22834G	-44.73	1
2462MHz	Pass	2.43069G	11.26	-18.74	646.87M	-52.86	2.39406G	-51.02	2.48384G	-39.37	16.5966G	-44.54	1
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43069G	11.89	-18.11	303.78M	-51.87	2.39962G	-22.43	2.51012G	-50.60	17.51533G	-44.65	1
2437MHz	Pass	2.43069G	11.89	-18.11	2.30204G	-52.62	2.39888G	-33.64	2.484G	-40.63	24.84828G	-44.73	1
2462MHz	Pass	2.43069G	11.89	-18.11	49.81M	-37.81	2.39628G	-51.30	2.4837G	-35.97	24.9719G	-44.48	1
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.42822G	6.38	-23.62	49.75M	-37.89	2.39928G	-27.09	2.48382G	-45.97	24.76442G	-44.65	1
2437MHz	Pass	2.42822G	6.38	-23.62	49.75M	-37.41	2.3992G	-28.91	2.48942G	-33.13	16.55827G	-44.05	1
2452MHz	Pass	2.42822G	6.38	-23.62	49.75M	-37.48	2.3982G	-41.96	2.4857G	-28.04	16.58912G	-44.32	1

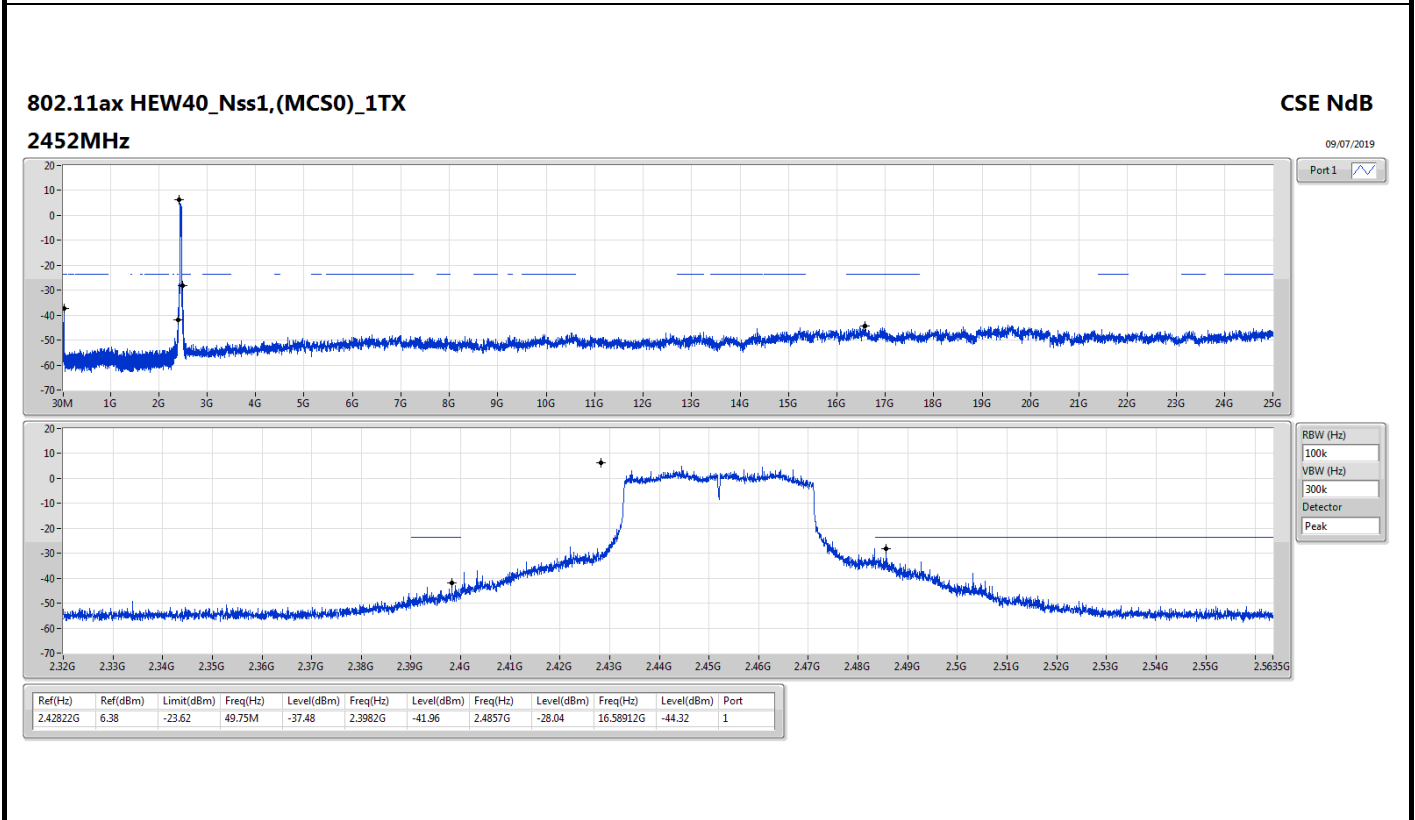
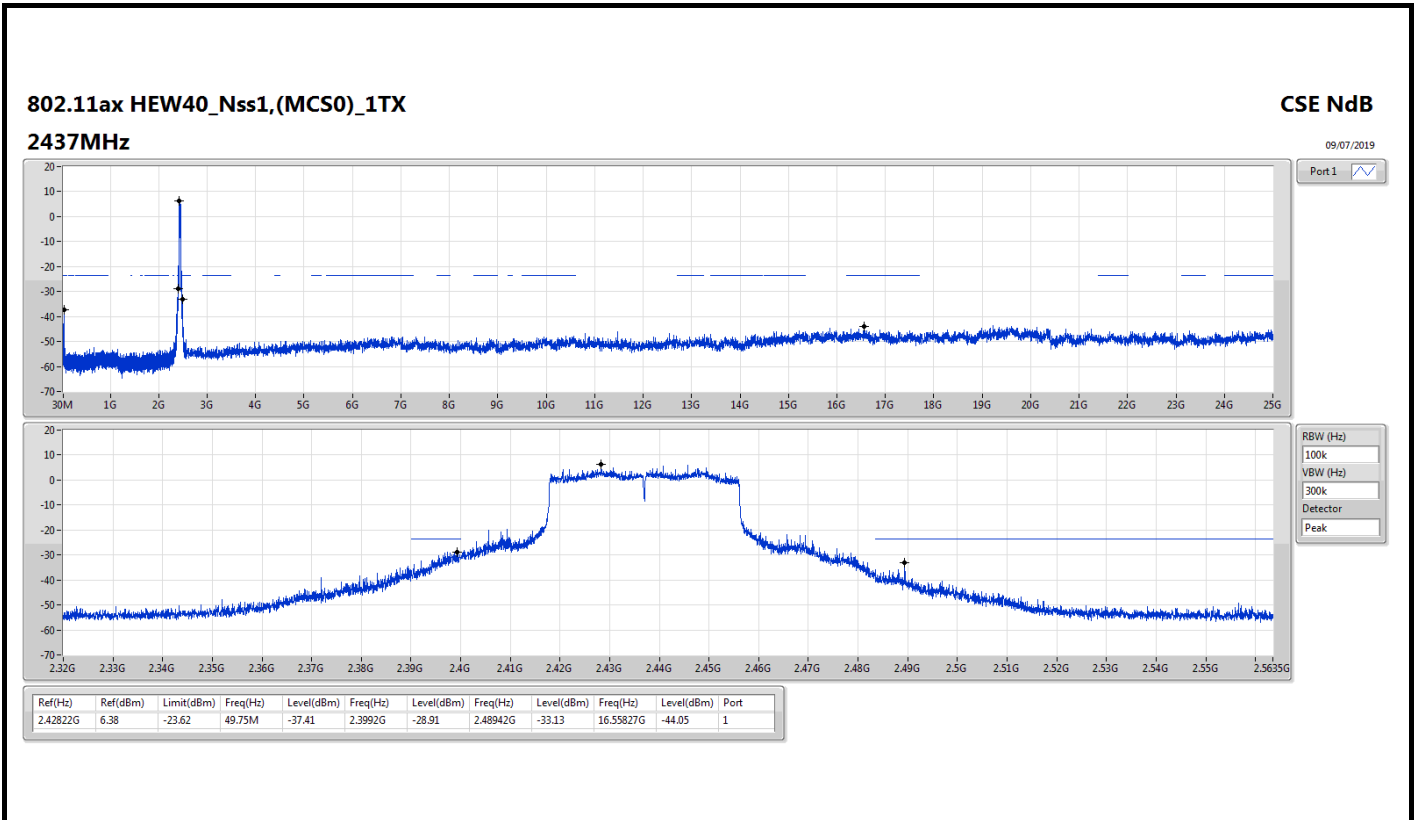














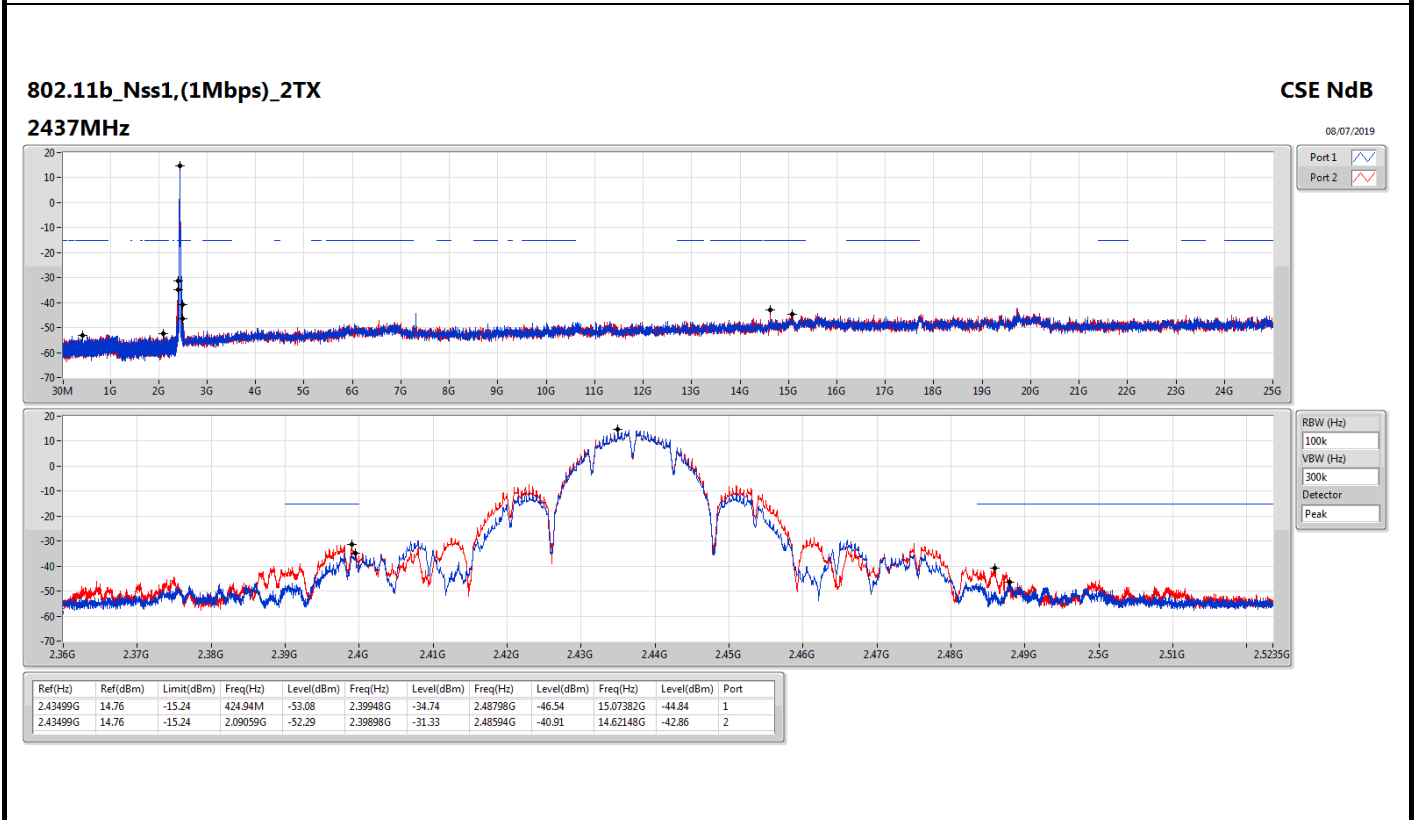
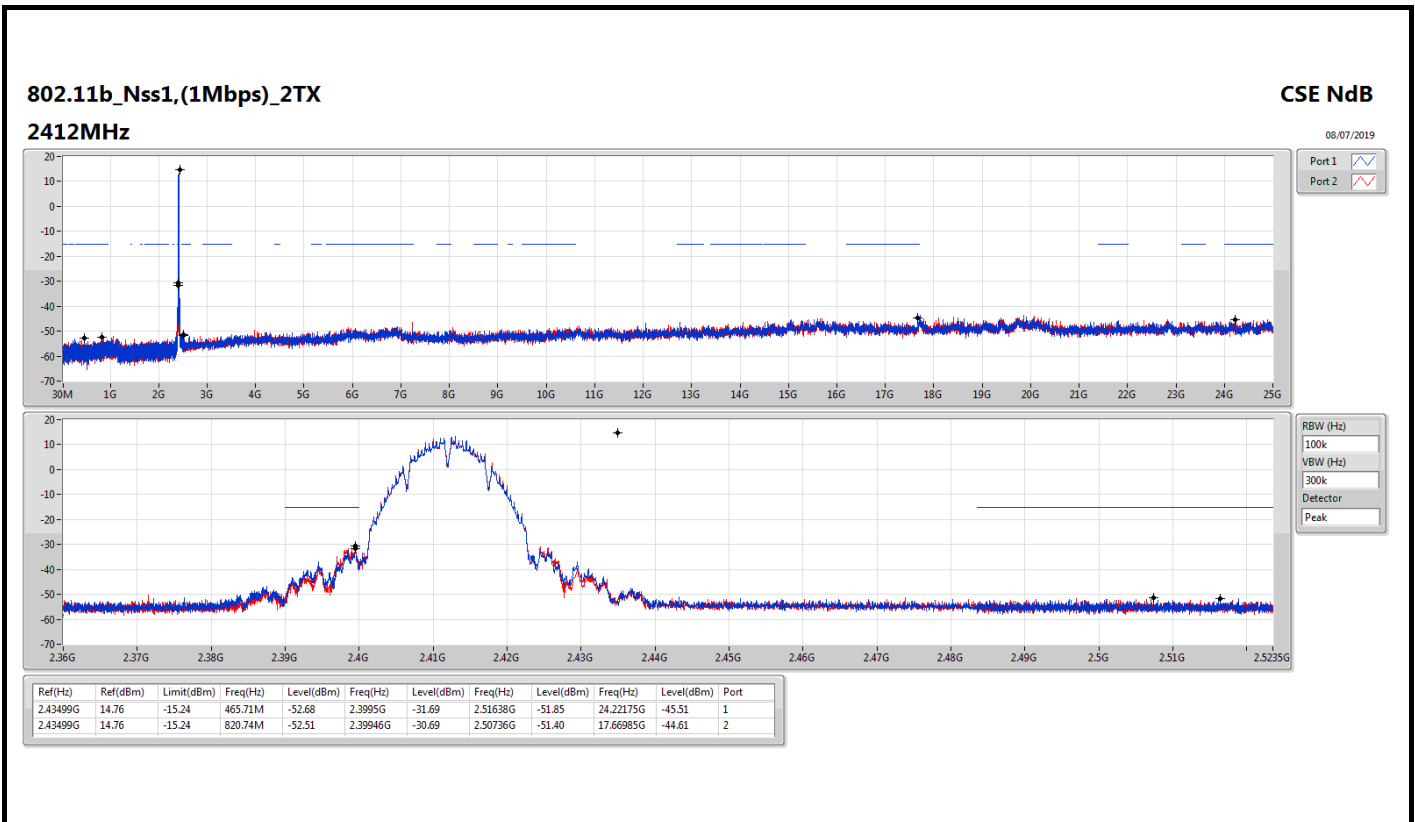
Summary

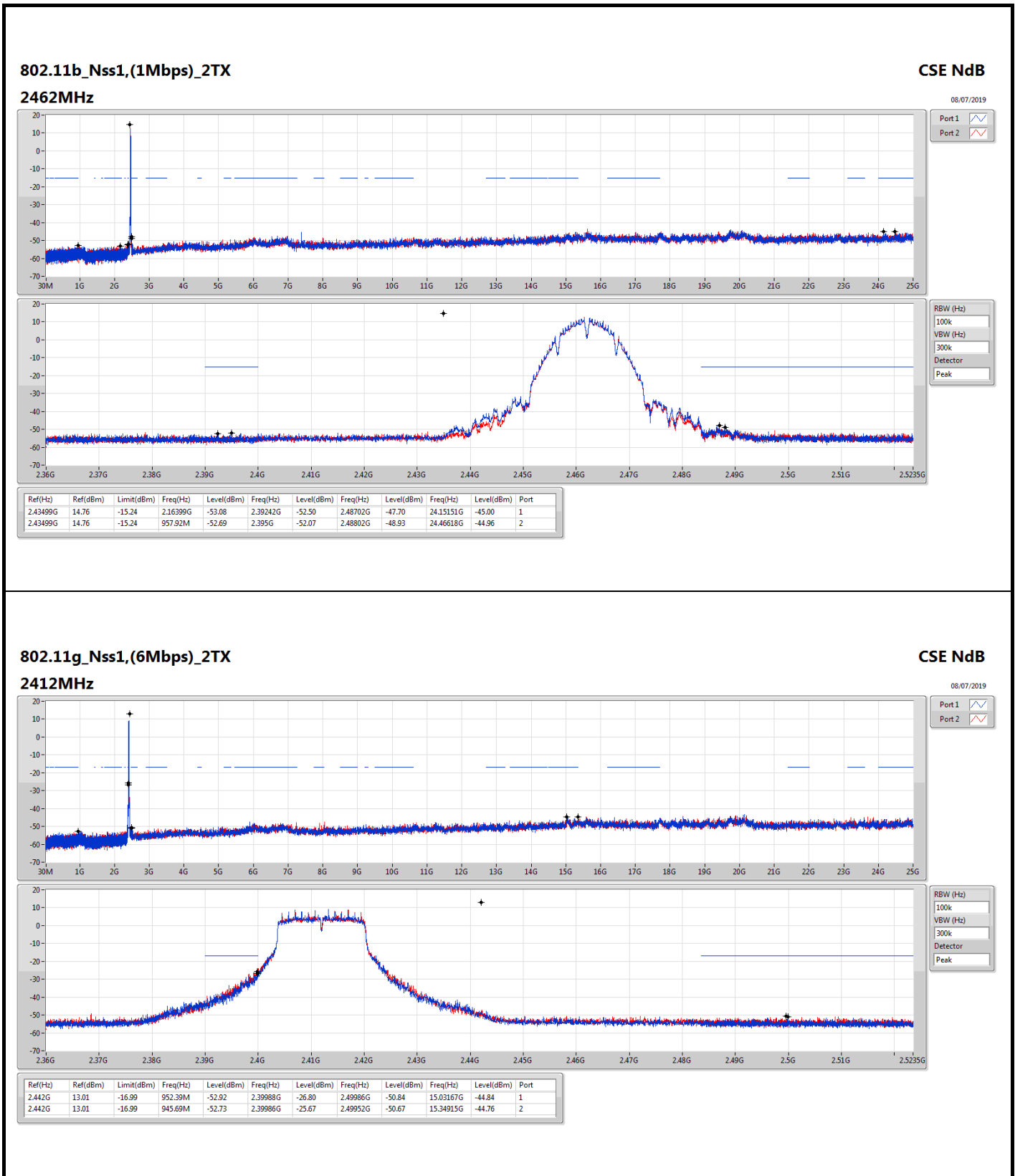
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.43499G	14.76	-15.24	820.74M	-52.51	2.39946G	-30.69	2.50736G	-51.40	17.66985G	-44.61	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.442G	13.01	-16.99	945.69M	-52.73	2.39986G	-25.67	2.49952G	-50.67	15.34915G	-44.76	2
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	2.43073G	11.94	-18.06	883.65M	-53.66	2.39988G	-22.69	2.5039G	-50.42	24.78366G	-44.75	1
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	2.442G	5.73	-24.27	1.96677G	-53.06	2.39996G	-30.00	2.4865G	-50.63	23.50517G	-44.87	2

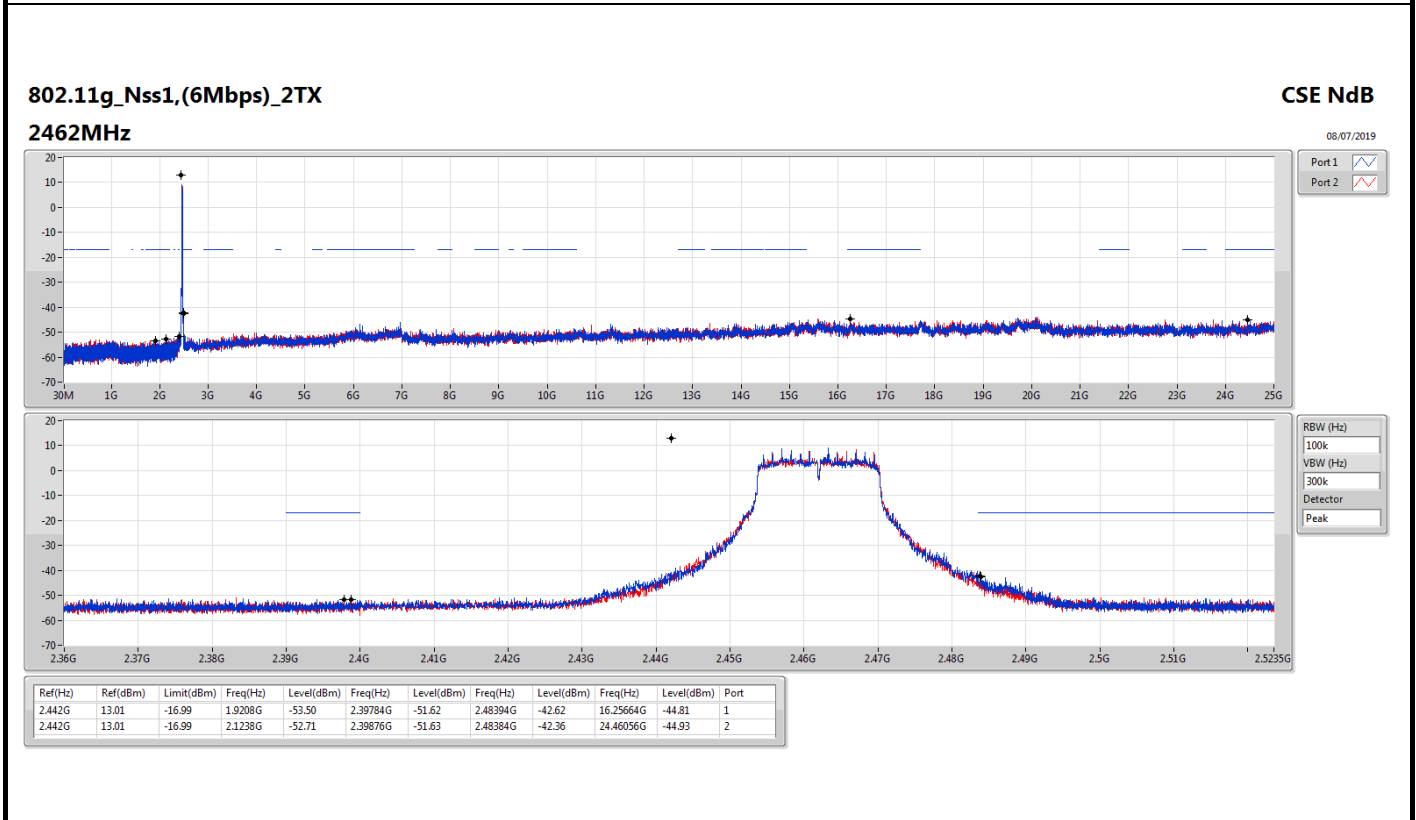
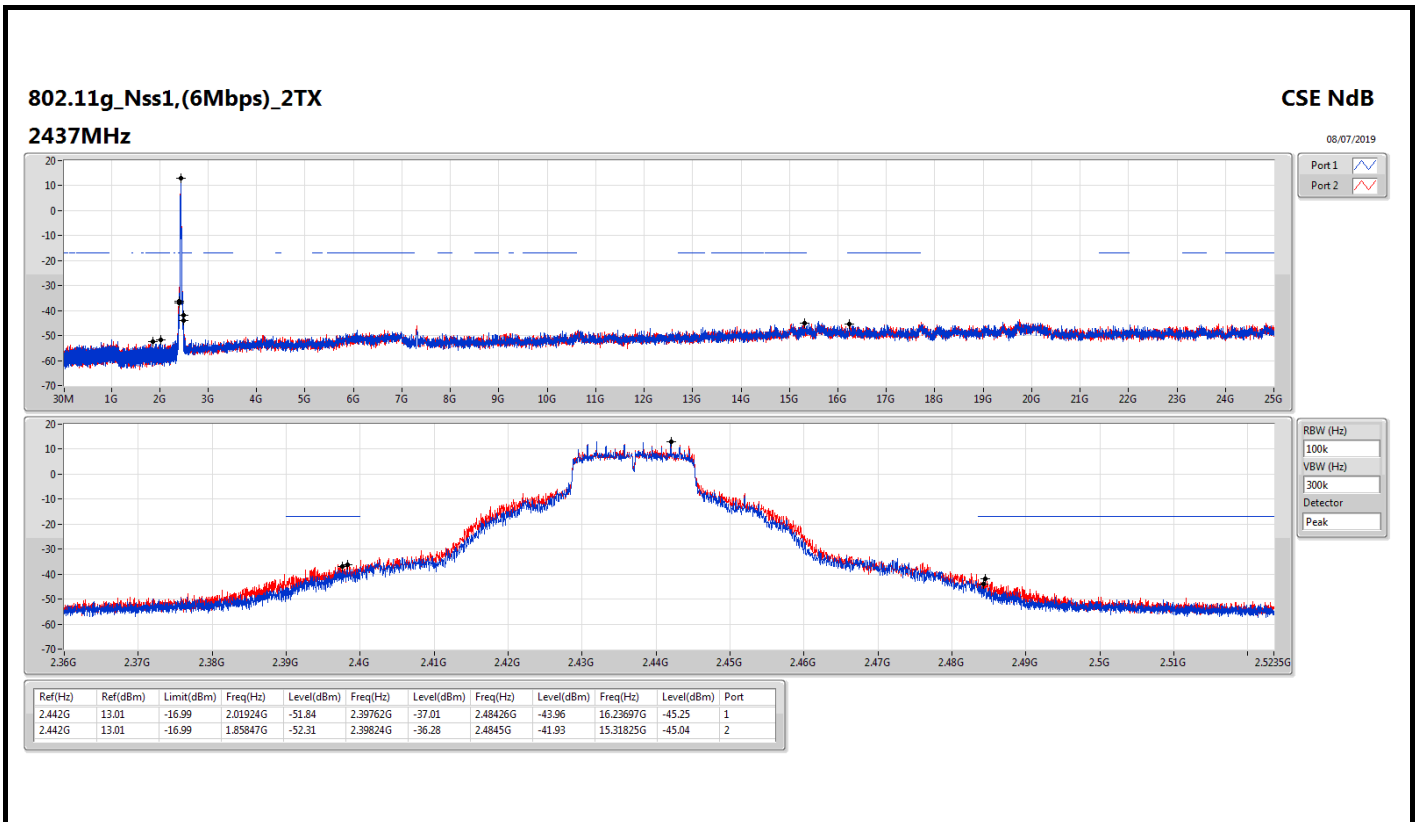


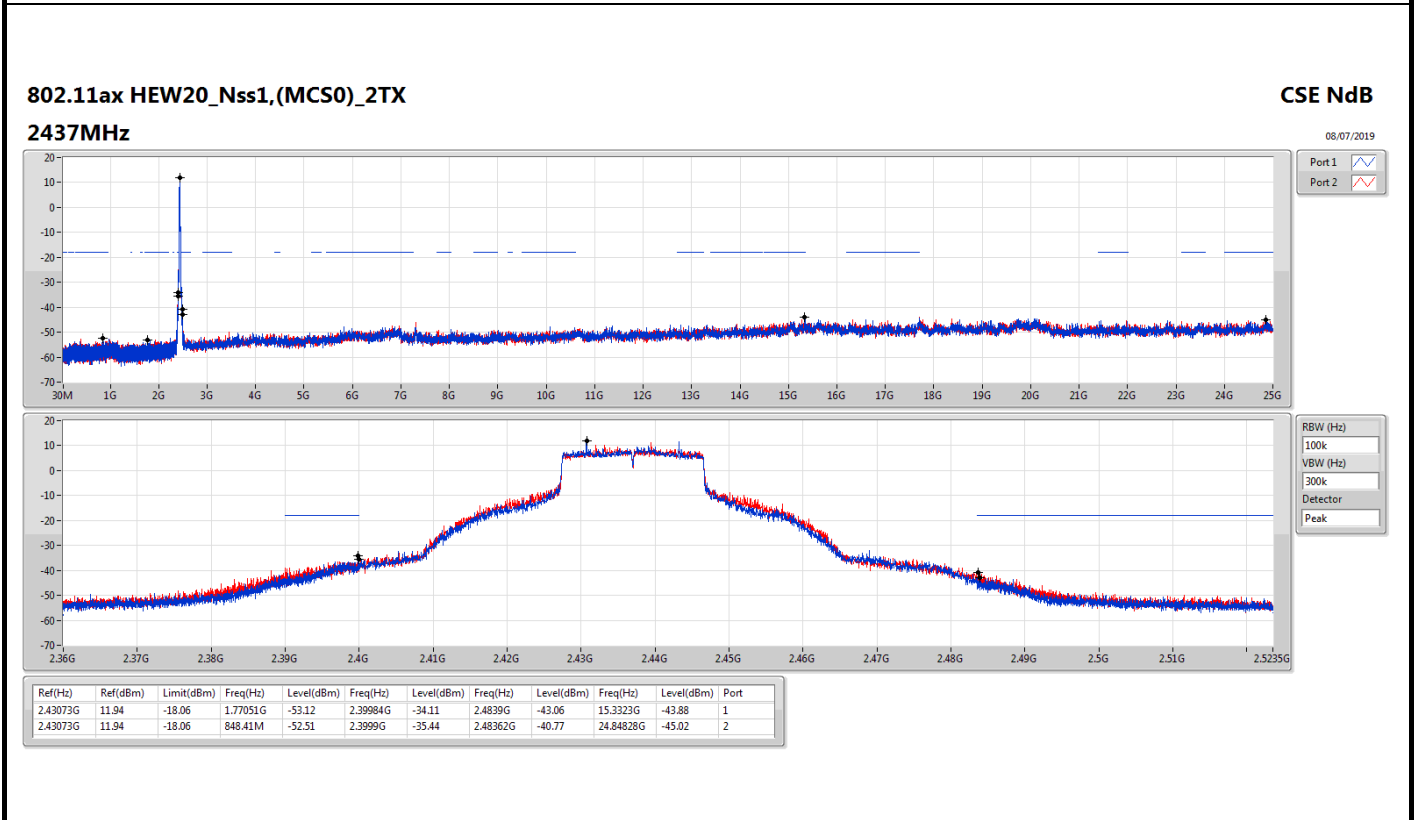
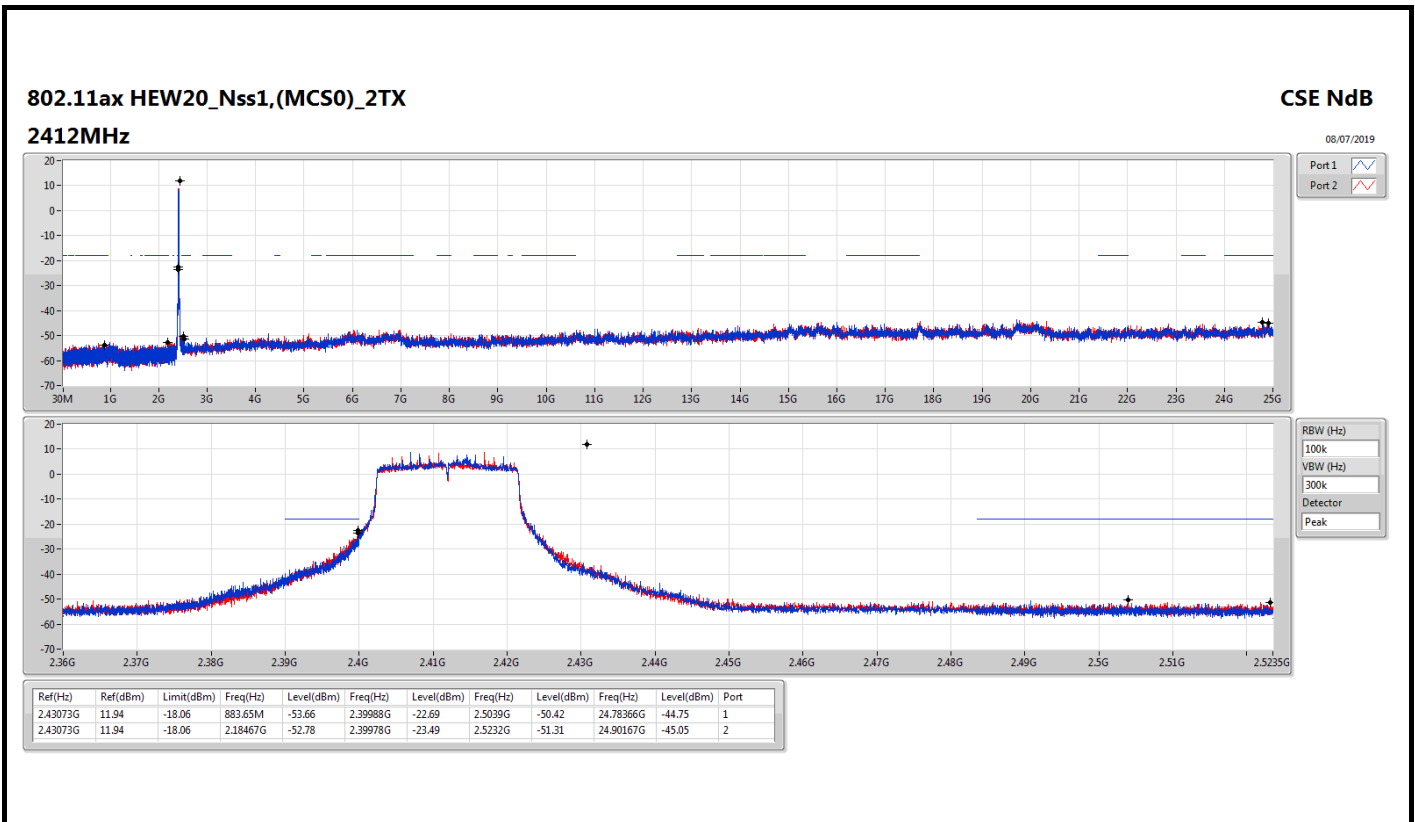
Result

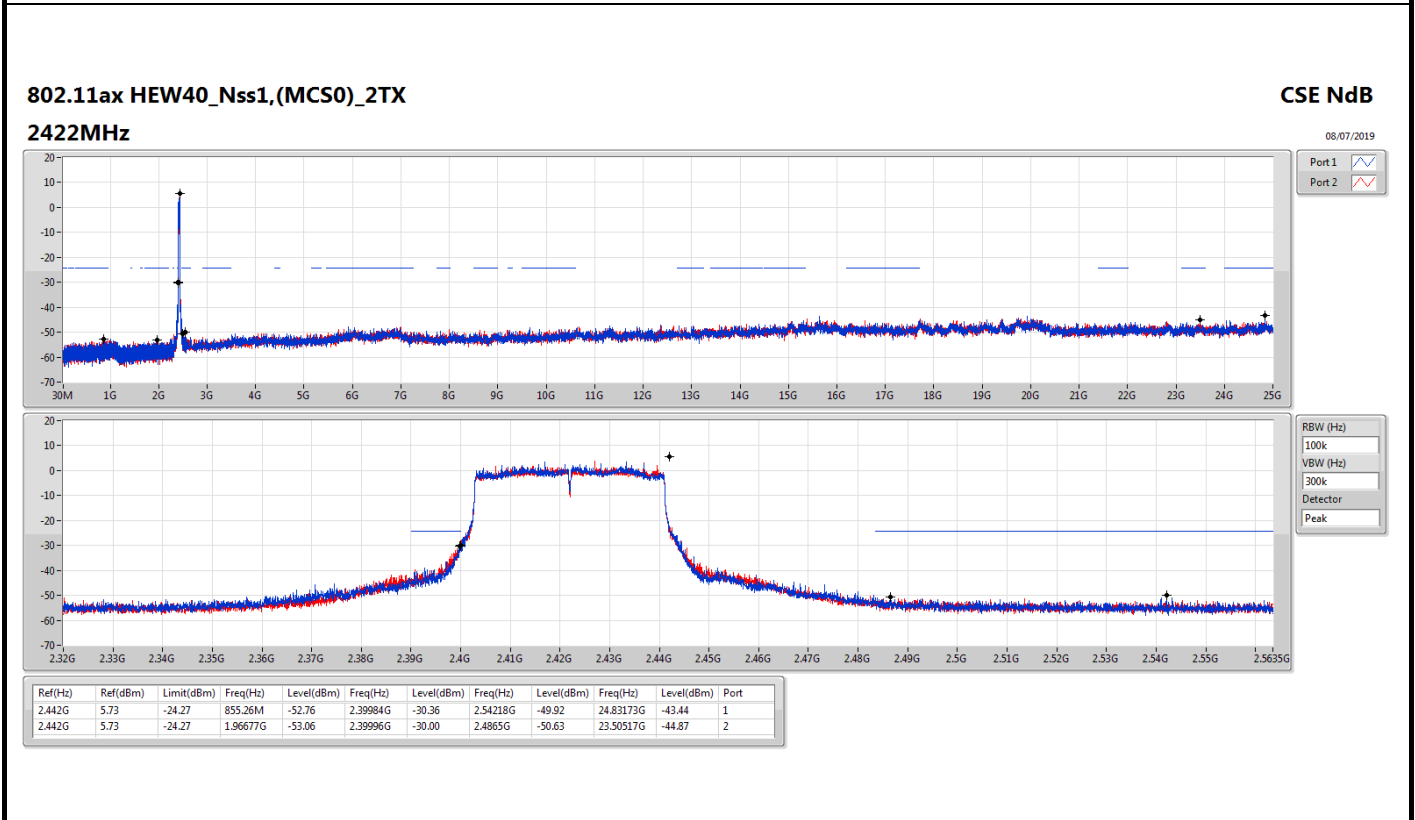
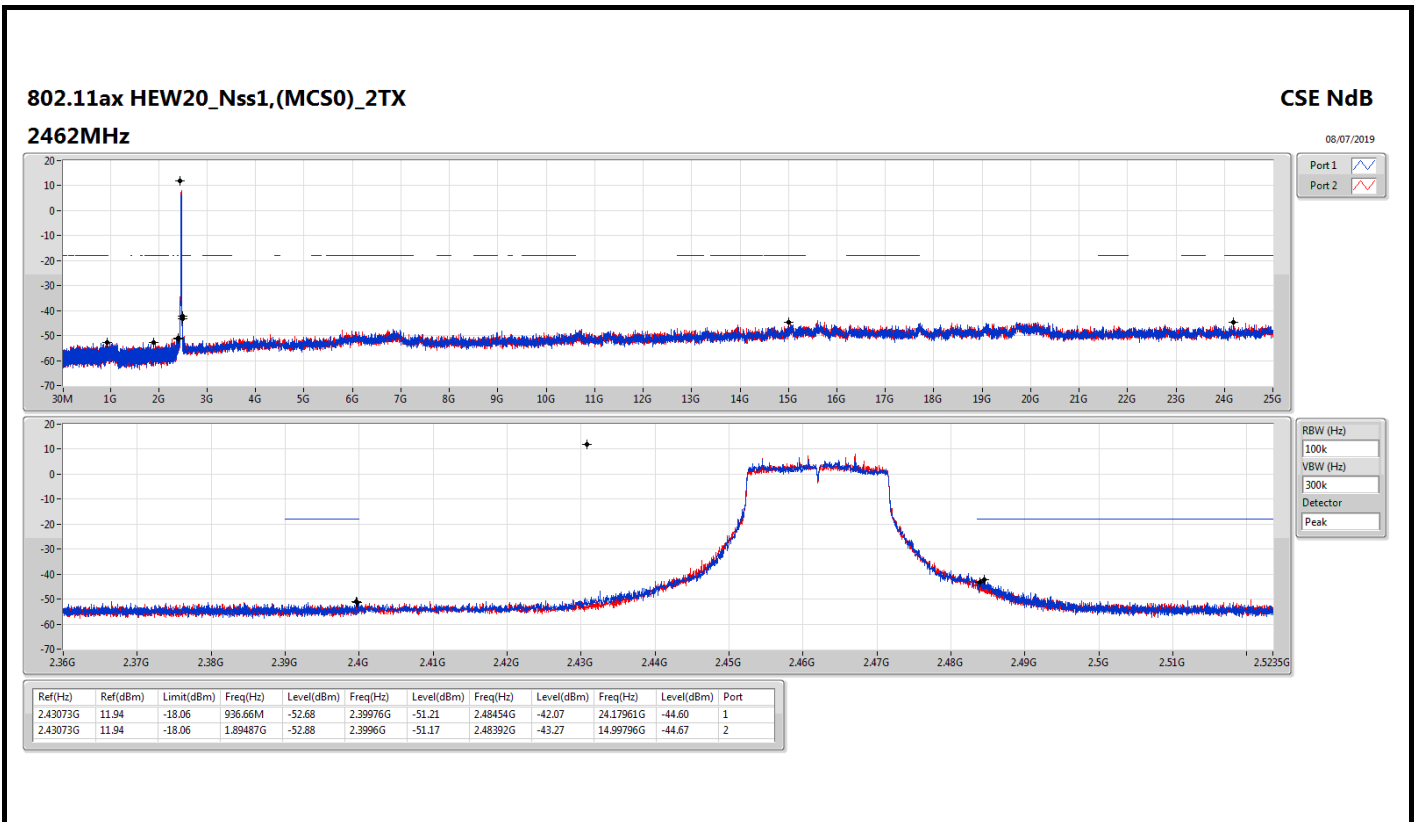
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43499G	14.76	-15.24	465.71M	-52.68	2.3995G	-31.69	2.51638G	-51.85	24.22175G	-45.51	1
2412MHz	Pass	2.43499G	14.76	-15.24	820.74M	-52.51	2.39946G	-30.69	2.50736G	-51.40	17.66985G	-44.61	2
2437MHz	Pass	2.43499G	14.76	-15.24	424.94M	-53.08	2.39948G	-34.74	2.48798G	-46.54	15.07382G	-44.84	1
2437MHz	Pass	2.43499G	14.76	-15.24	2.09059G	-52.29	2.39898G	-31.33	2.48594G	-40.91	14.62148G	-42.86	2
2462MHz	Pass	2.43499G	14.76	-15.24	2.16399G	-53.08	2.39242G	-52.50	2.48702G	-47.70	24.15151G	-45.00	1
2462MHz	Pass	2.43499G	14.76	-15.24	957.92M	-52.69	2.395G	-52.07	2.48802G	-48.93	24.46618G	-44.96	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.442G	13.01	-16.99	952.39M	-52.92	2.39988G	-26.80	2.49986G	-50.84	15.03167G	-44.84	1
2412MHz	Pass	2.442G	13.01	-16.99	945.69M	-52.73	2.39986G	-25.67	2.49952G	-50.67	15.34915G	-44.76	2
2437MHz	Pass	2.442G	13.01	-16.99	2.01924G	-51.84	2.39762G	-37.01	2.48426G	-43.96	16.23697G	-45.25	1
2437MHz	Pass	2.442G	13.01	-16.99	1.85847G	-52.31	2.39824G	-36.28	2.4845G	-41.93	15.31825G	-45.04	2
2462MHz	Pass	2.442G	13.01	-16.99	1.9208G	-53.50	2.39784G	-51.62	2.48394G	-42.62	16.25664G	-44.81	1
2462MHz	Pass	2.442G	13.01	-16.99	2.1238G	-52.71	2.39876G	-51.63	2.48384G	-42.36	24.46056G	-44.93	2
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43073G	11.94	-18.06	883.65M	-53.66	2.39988G	-22.69	2.5039G	-50.42	24.78366G	-44.75	1
2412MHz	Pass	2.43073G	11.94	-18.06	2.18467G	-52.78	2.39978G	-23.49	2.5232G	-51.31	24.90167G	-45.05	2
2437MHz	Pass	2.43073G	11.94	-18.06	1.77051G	-53.12	2.39984G	-34.11	2.4839G	-43.06	15.3323G	-43.88	1
2437MHz	Pass	2.43073G	11.94	-18.06	848.41M	-52.51	2.3999G	-35.44	2.48362G	-40.77	24.84828G	-45.02	2
2462MHz	Pass	2.43073G	11.94	-18.06	936.66M	-52.68	2.39976G	-51.21	2.48454G	-42.07	24.17961G	-44.60	1
2462MHz	Pass	2.43073G	11.94	-18.06	1.89487G	-52.88	2.3996G	-51.17	2.48392G	-43.27	14.99796G	-44.67	2
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.442G	5.73	-24.27	855.26M	-52.76	2.39984G	-30.36	2.54218G	-49.92	24.83173G	-43.44	1
2422MHz	Pass	2.442G	5.73	-24.27	1.96677G	-53.06	2.39996G	-30.00	2.4865G	-50.63	23.50517G	-44.87	2
2437MHz	Pass	2.442G	5.73	-24.27	1.81048G	-52.69	2.39824G	-35.33	2.4857G	-39.15	15.05502G	-44.38	1
2437MHz	Pass	2.442G	5.73	-24.27	907.36M	-52.95	2.39948G	-32.67	2.4845G	-39.84	16.31427G	-45.00	2
2452MHz	Pass	2.442G	5.73	-24.27	928.54M	-52.57	2.39104G	-51.14	2.48814G	-41.63	24.68308G	-45.14	1
2452MHz	Pass	2.442G	5.73	-24.27	2.04033G	-53.39	2.39432G	-52.16	2.48666G	-42.46	24.73637G	-44.46	2

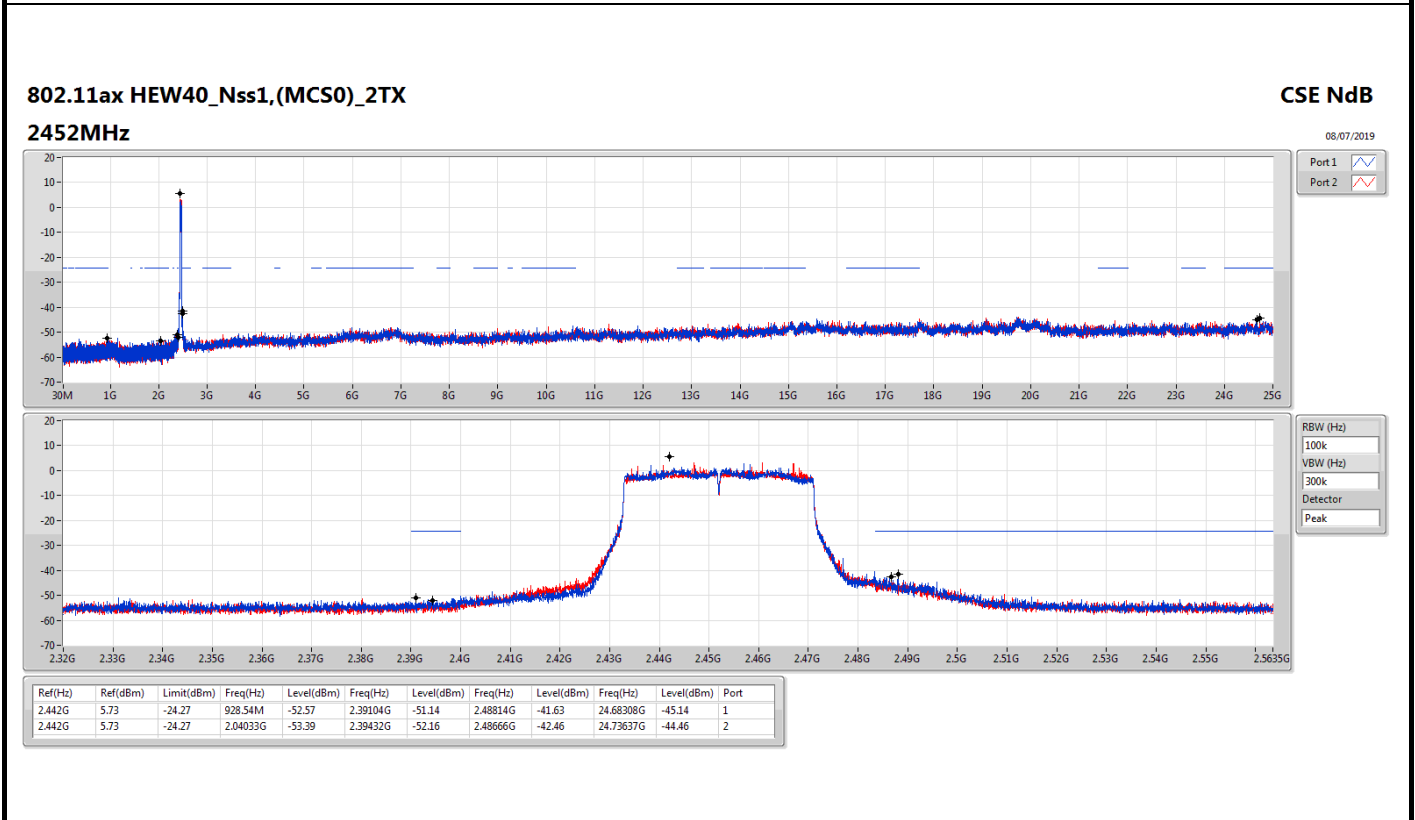
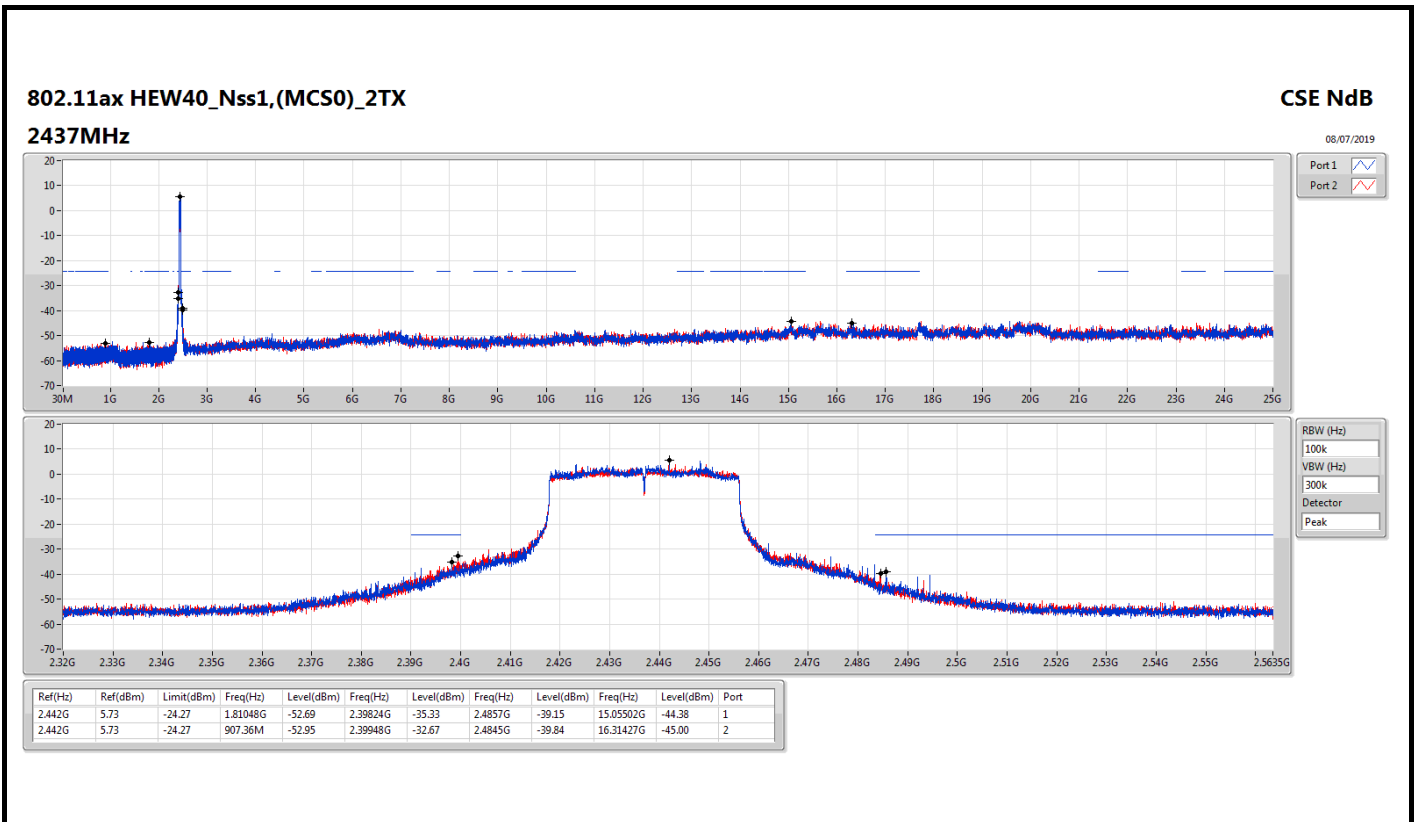












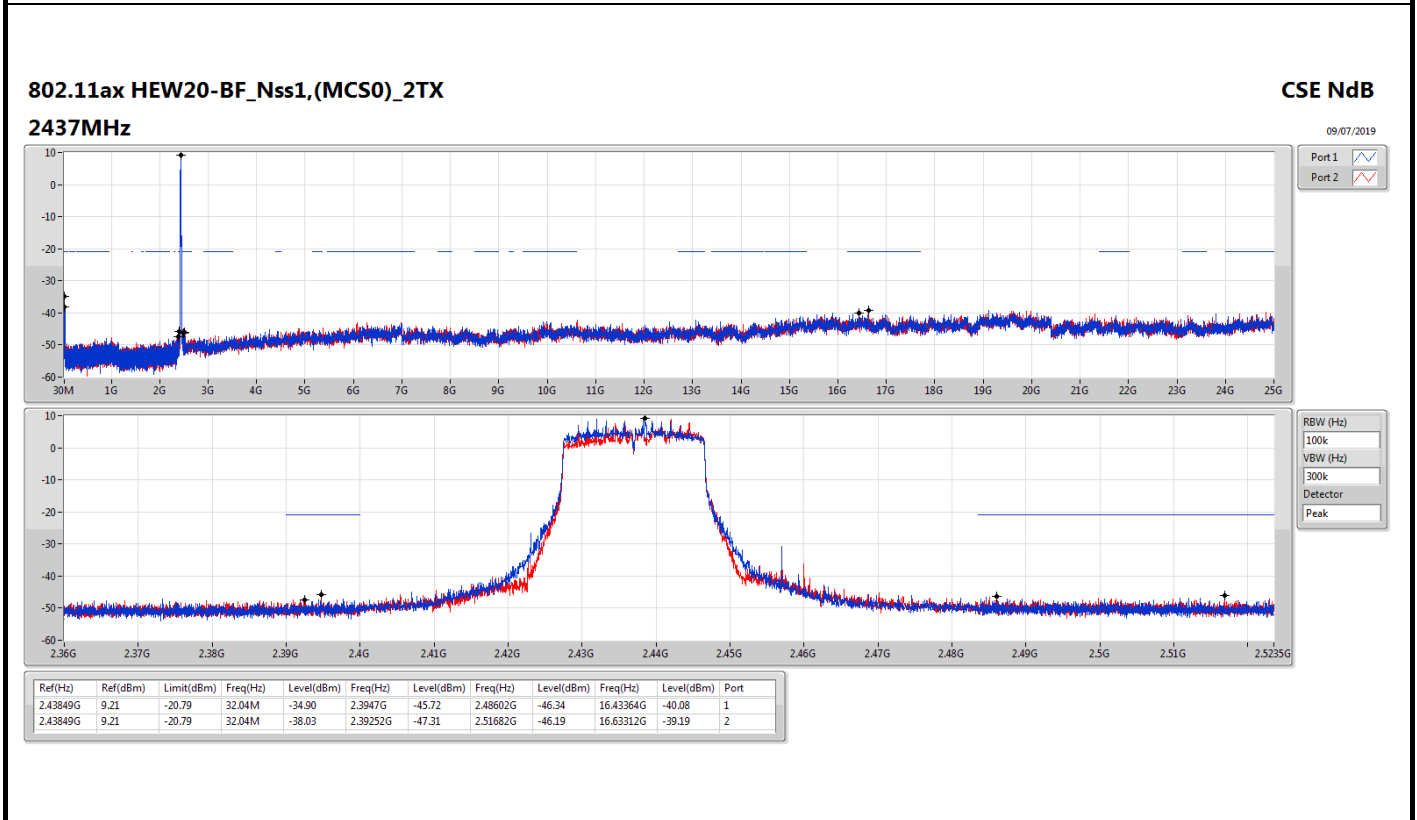
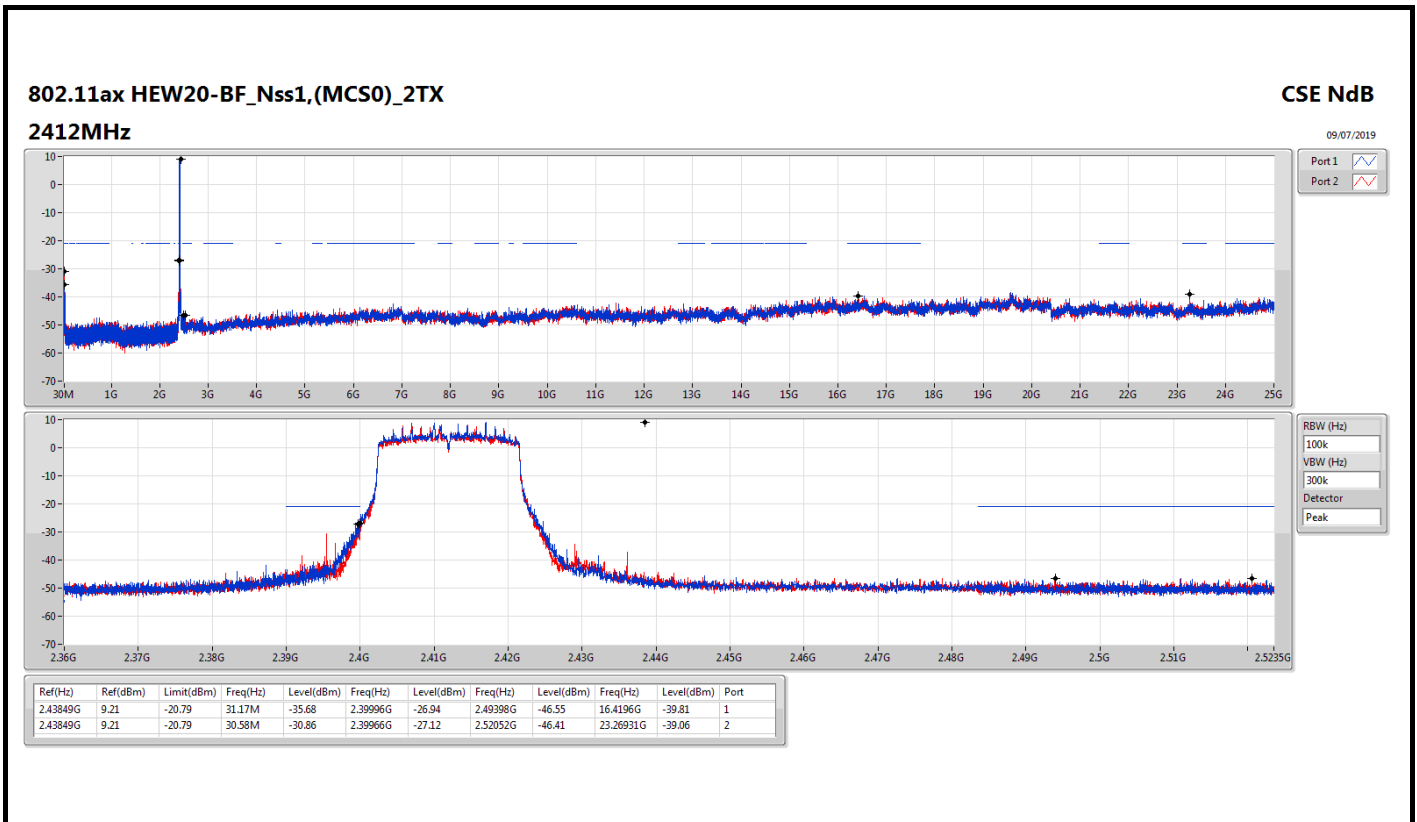


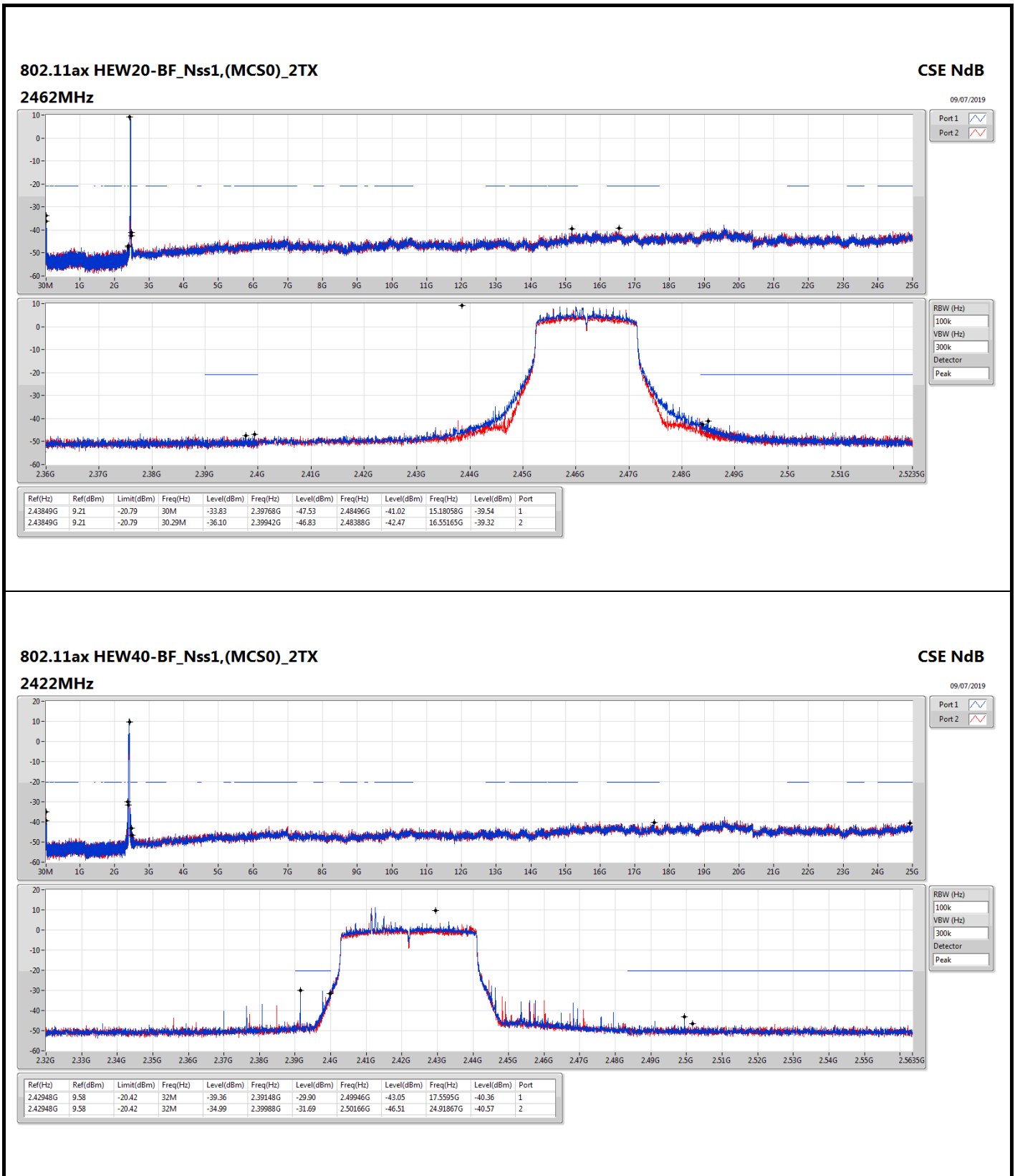
Summary

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	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	Pass	2.43849G	9.21	-20.79	31.17M	-35.68	2.39996G	-26.94	2.49398G	-46.55	16.4196G	-39.81	1
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	Pass	2.42948G	9.58	-20.42	32M	-39.36	2.39148G	-29.90	2.49946G	-43.05	17.5595G	-40.36	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)	Port
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43849G	9.21	-20.79	31.17M	-35.68	2.39996G	-26.94	2.49398G	-46.55	16.4196G	-39.81	1
2412MHz	Pass	2.43849G	9.21	-20.79	30.58M	-30.86	2.39966G	-27.12	2.52052G	-46.41	23.26931G	-39.06	2
2437MHz	Pass	2.43849G	9.21	-20.79	32.04M	-34.90	2.3947G	-45.72	2.48602G	-46.34	16.43364G	-40.08	1
2437MHz	Pass	2.43849G	9.21	-20.79	32.04M	-38.03	2.39252G	-47.31	2.51682G	-46.19	16.63312G	-39.19	2
2462MHz	Pass	2.43849G	9.21	-20.79	30M	-33.83	2.39768G	-47.53	2.48496G	-41.02	15.18058G	-39.54	1
2462MHz	Pass	2.43849G	9.21	-20.79	30.29M	-36.10	2.39942G	-46.83	2.48388G	-42.47	16.55165G	-39.32	2
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.42948G	9.58	-20.42	32M	-39.36	2.39148G	-29.90	2.49946G	-43.05	17.5595G	-40.36	1
2422MHz	Pass	2.42948G	9.58	-20.42	32M	-34.99	2.39988G	-31.69	2.50166G	-46.51	24.91867G	-40.57	2
2437MHz	Pass	2.42948G	9.58	-20.42	32M	-37.63	2.39812G	-45.53	2.4911G	-37.07	16.5779G	-39.98	1
2437MHz	Pass	2.42948G	9.58	-20.42	31.72M	-36.34	2.39608G	-33.08	2.48446G	-35.08	24.2035G	-39.53	2
2452MHz	Pass	2.42948G	9.58	-20.42	33.15M	-33.78	2.39664G	-38.26	2.48686G	-35.19	16.48254G	-40.12	1
2452MHz	Pass	2.42948G	9.58	-20.42	32M	-35.39	2.39656G	-42.88	2.48746G	-35.29	16.9481G	-39.66	2



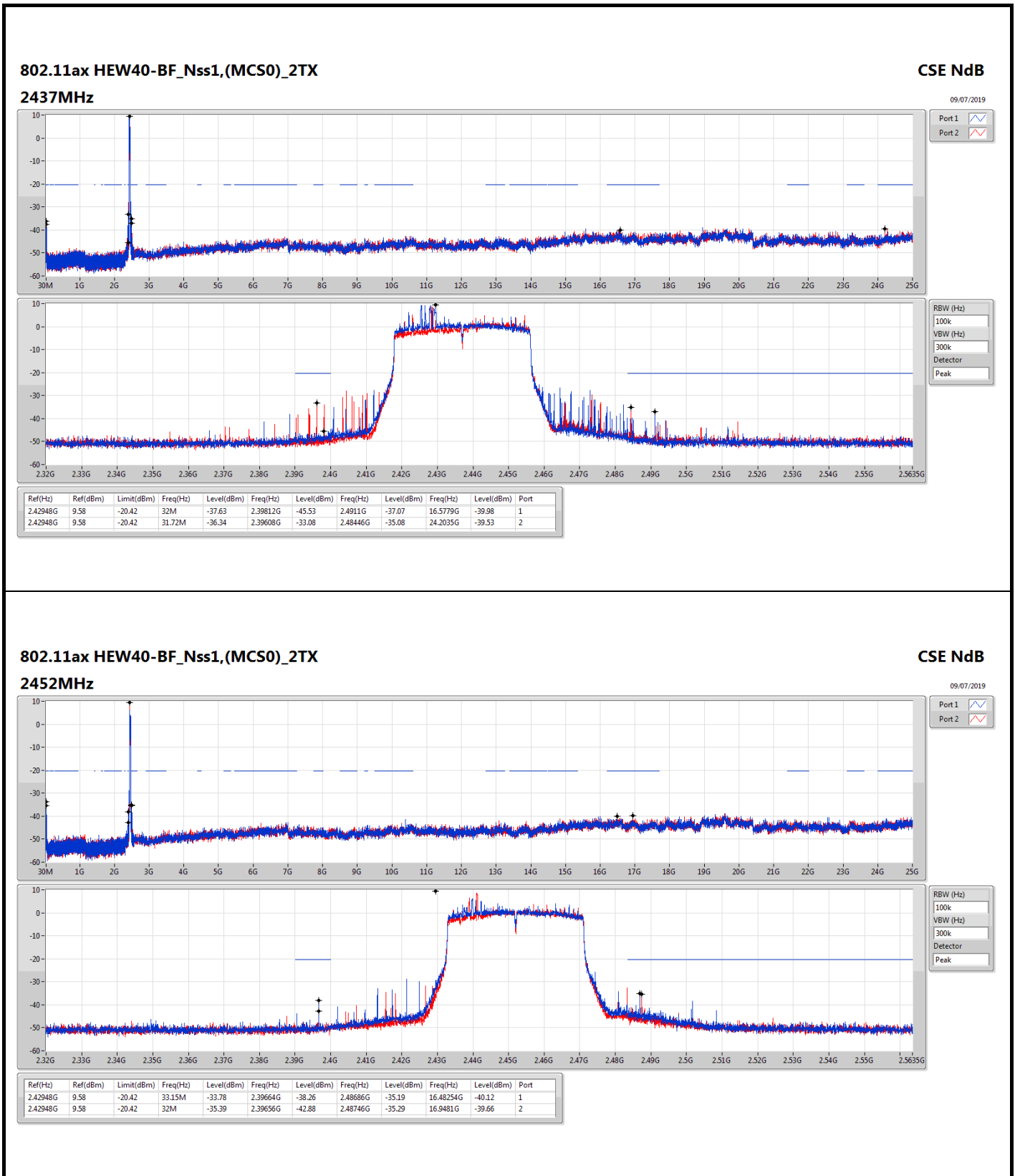


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2422MHz

CSE NdB

09/07/2019



802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2452MHz

CSE NdB

09/07/2019



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)_4TX	Pass	2.43745G	14.87	-15.13	939.87M	-52.76	2.39848G	-33.87	2.4986G	-50.54	17.69233G	-44.16	2
802.11g_Nss1,(6Mbps)_4TX	Pass	2.43198G	13.03	-16.97	957.05M	-52.89	2.39974G	-26.54	2.5195G	-50.62	15.16934G	-45.31	2
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	2.442G	12.16	-17.84	629.98M	-53.16	2.39974G	-23.89	2.50712G	-49.59	23.45193G	-45.00	2
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	2.44572G	4.99	-25.01	2.30426G	-53.06	2.39952G	-28.45	2.48438G	-38.60	17.69972G	-44.53	3



Result

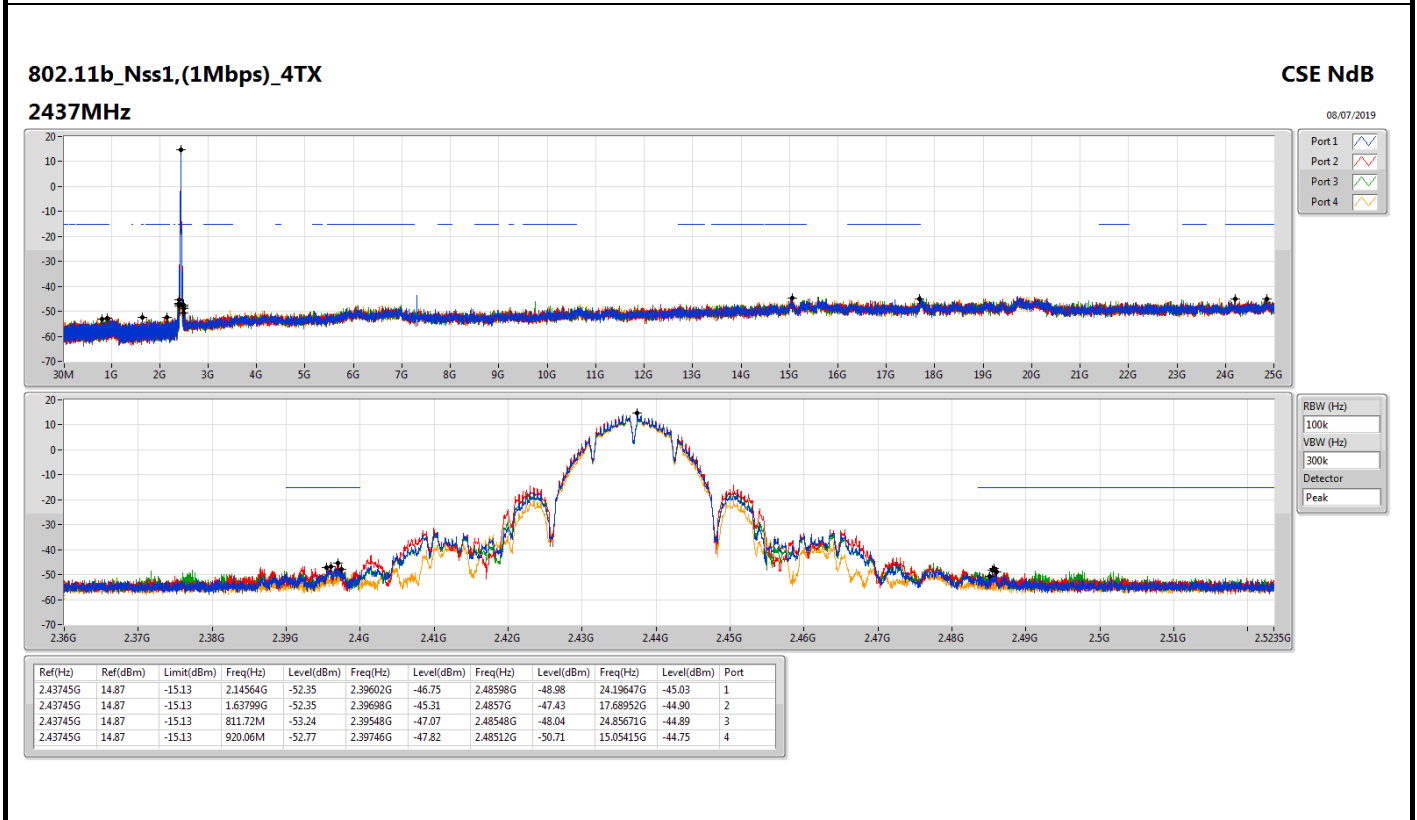
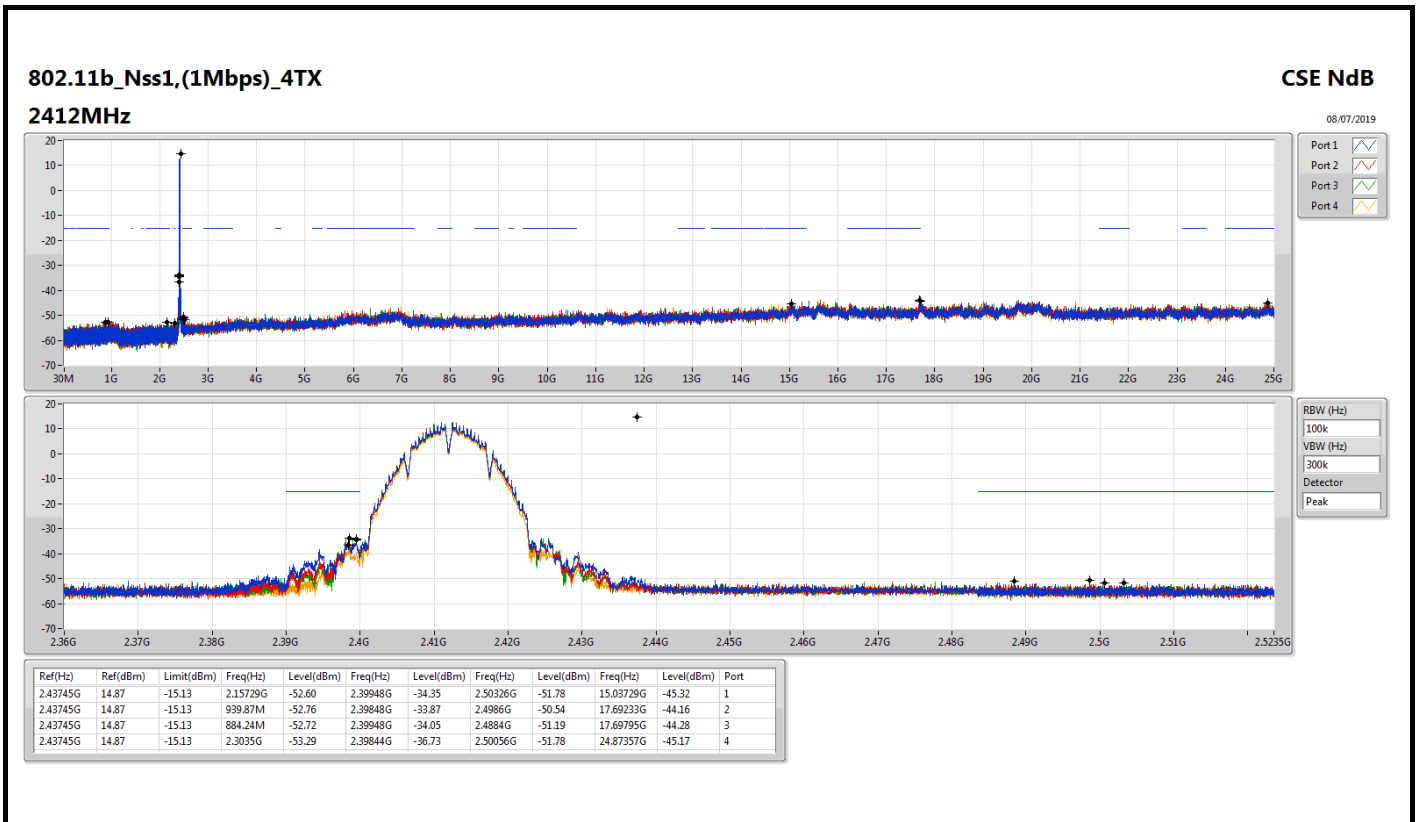
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43745G	14.87	-15.13	2.15729G	-52.60	2.39948G	-34.35	2.50326G	-51.78	15.03729G	-45.32	1
2412MHz	Pass	2.43745G	14.87	-15.13	939.87M	-52.76	2.39848G	-33.87	2.4986G	-50.54	17.69233G	-44.16	2
2412MHz	Pass	2.43745G	14.87	-15.13	884.24M	-52.72	2.39948G	-34.05	2.4884G	-51.19	17.69795G	-44.28	3
2412MHz	Pass	2.43745G	14.87	-15.13	2.3035G	-53.29	2.39844G	-36.73	2.50056G	-51.78	24.87357G	-45.17	4
2437MHz	Pass	2.43745G	14.87	-15.13	2.14564G	-52.35	2.39602G	-46.75	2.48598G	-48.98	24.19647G	-45.03	1
2437MHz	Pass	2.43745G	14.87	-15.13	1.63799G	-52.35	2.39698G	-45.31	2.4857G	-47.43	17.68952G	-44.90	2
2437MHz	Pass	2.43745G	14.87	-15.13	811.72M	-53.24	2.39548G	-47.07	2.48548G	-48.04	24.85671G	-44.89	3
2437MHz	Pass	2.43745G	14.87	-15.13	920.06M	-52.77	2.39746G	-47.82	2.48512G	-50.71	15.05415G	-44.75	4
2462MHz	Pass	2.43745G	14.87	-15.13	1.80488G	-53.08	2.39752G	-51.67	2.48352G	-49.76	17.5659G	-44.96	1
2462MHz	Pass	2.43745G	14.87	-15.13	770.94M	-52.89	2.39216G	-51.91	2.48644G	-49.94	24.81176G	-44.43	2
2462MHz	Pass	2.43745G	14.87	-15.13	2.09555G	-52.74	2.39724G	-52.02	2.48694G	-49.73	15.29015G	-45.06	3
2462MHz	Pass	2.43745G	14.87	-15.13	931.71M	-53.03	2.39738G	-52.94	2.4885G	-49.46	24.46618G	-45.02	4
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43198G	13.03	-16.97	508.82M	-52.84	2.3995G	-28.45	2.501G	-51.59	15.05977G	-44.64	1
2412MHz	Pass	2.43198G	13.03	-16.97	957.05M	-52.89	2.39974G	-26.54	2.5195G	-50.62	15.16934G	-45.31	2
2412MHz	Pass	2.43198G	13.03	-16.97	1.96914G	-52.46	2.39974G	-27.18	2.49824G	-51.17	17.69514G	-44.35	3
2412MHz	Pass	2.43198G	13.03	-16.97	938.12M	-53.03	2.3998G	-29.66	2.48844G	-51.27	24.50271G	-44.38	4
2437MHz	Pass	2.43198G	13.03	-16.97	1.84915G	-52.99	2.39824G	-36.66	2.48446G	-42.64	16.25383G	-44.93	1
2437MHz	Pass	2.43198G	13.03	-16.97	557.45M	-53.06	2.39912G	-34.52	2.48358G	-37.52	24.7949G	-44.95	2
2437MHz	Pass	2.43198G	13.03	-16.97	2.15438G	-52.90	2.39852G	-34.39	2.48358G	-39.15	15.05415G	-44.37	3
2437MHz	Pass	2.43198G	13.03	-16.97	2.04865G	-53.38	2.3995G	-37.25	2.48478G	-44.47	24.89043G	-44.62	4
2462MHz	Pass	2.43198G	13.03	-16.97	918.6M	-53.53	2.39998G	-52.05	2.48446G	-47.06	24.84828G	-44.71	1
2462MHz	Pass	2.43198G	13.03	-16.97	1.9904G	-52.17	2.39014G	-51.30	2.4841G	-45.80	24.87076G	-44.66	2
2462MHz	Pass	2.43198G	13.03	-16.97	1.65663G	-53.47	2.39916G	-51.37	2.48386G	-48.50	17.6839G	-44.48	3
2462MHz	Pass	2.43198G	13.03	-16.97	793.66M	-52.54	2.39906G	-51.71	2.48354G	-45.42	16.64155G	-45.47	4
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.442G	12.16	-17.84	890.35M	-52.70	2.39996G	-24.80	2.51054G	-51.36	15.04291G	-45.05	1
2412MHz	Pass	2.442G	12.16	-17.84	629.98M	-53.16	2.39974G	-23.89	2.50712G	-49.59	23.45193G	-45.00	2
2412MHz	Pass	2.442G	12.16	-17.84	792.78M	-52.45	2.39978G	-25.80	2.49496G	-51.20	14.98672G	-43.92	3
2412MHz	Pass	2.442G	12.16	-17.84	674.83M	-52.77	2.39994G	-26.30	2.5086G	-51.30	24.86795G	-45.33	4
2437MHz	Pass	2.442G	12.16	-17.84	942.49M	-53.05	2.3997G	-33.51	2.4837G	-39.97	17.68671G	-44.30	1
2437MHz	Pass	2.442G	12.16	-17.84	873.17M	-53.54	2.39956G	-34.11	2.4849G	-37.90	15.03448G	-44.92	2
2437MHz	Pass	2.442G	12.16	-17.84	2.08972G	-52.73	2.39598G	-34.08	2.48376G	-39.03	16.30721G	-45.47	3
2437MHz	Pass	2.442G	12.16	-17.84	2.30029G	-52.39	2.39828G	-36.36	2.48422G	-43.80	16.87475G	-45.18	4
2462MHz	Pass	2.442G	12.16	-17.84	2.30408G	-51.19	2.3983G	-52.20	2.48468G	-44.29	23.53341G	-45.17	1
2462MHz	Pass	2.442G	12.16	-17.84	2.14069G	-53.57	2.3984G	-52.34	2.48368G	-46.64	15.03167G	-44.84	2
2462MHz	Pass	2.442G	12.16	-17.84	845.5M	-52.67	2.39494G	-51.62	2.4846G	-48.16	24.80333G	-45.37	3
2462MHz	Pass	2.442G	12.16	-17.84	954.14M	-52.15	2.3935G	-51.93	2.48354G	-43.93	24.87638G	-44.45	4
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.44572G	4.99	-25.01	676.64M	-53.19	2.39992G	-30.79	2.54222G	-49.42	15.07746G	-45.17	1
2422MHz	Pass	2.44572G	4.99	-25.01	906.21M	-53.30	2.39972G	-30.60	2.4871G	-51.38	17.69972G	-44.50	2
2422MHz	Pass	2.44572G	4.99	-25.01	872.15M	-52.93	2.3998G	-30.57	2.48686G	-51.42	24.8794G	-44.90	3
2422MHz	Pass	2.44572G	4.99	-25.01	708.13M	-53.44	2.39996G	-31.92	2.50054G	-51.55	15.27097G	-45.14	4
2437MHz	Pass	2.44572G	4.99	-25.01	844.1M	-52.38	2.39956G	-34.20	2.48814G	-38.27	24.80929G	-45.03	1
2437MHz	Pass	2.44572G	4.99	-25.01	2.30483G	-52.52	2.39948G	-30.72	2.48446G	-38.06	24.82051G	-45.08	2
2437MHz	Pass	2.44572G	4.99	-25.01	2.30426G	-53.06	2.39952G	-28.45	2.48438G	-38.60	17.69972G	-44.53	3

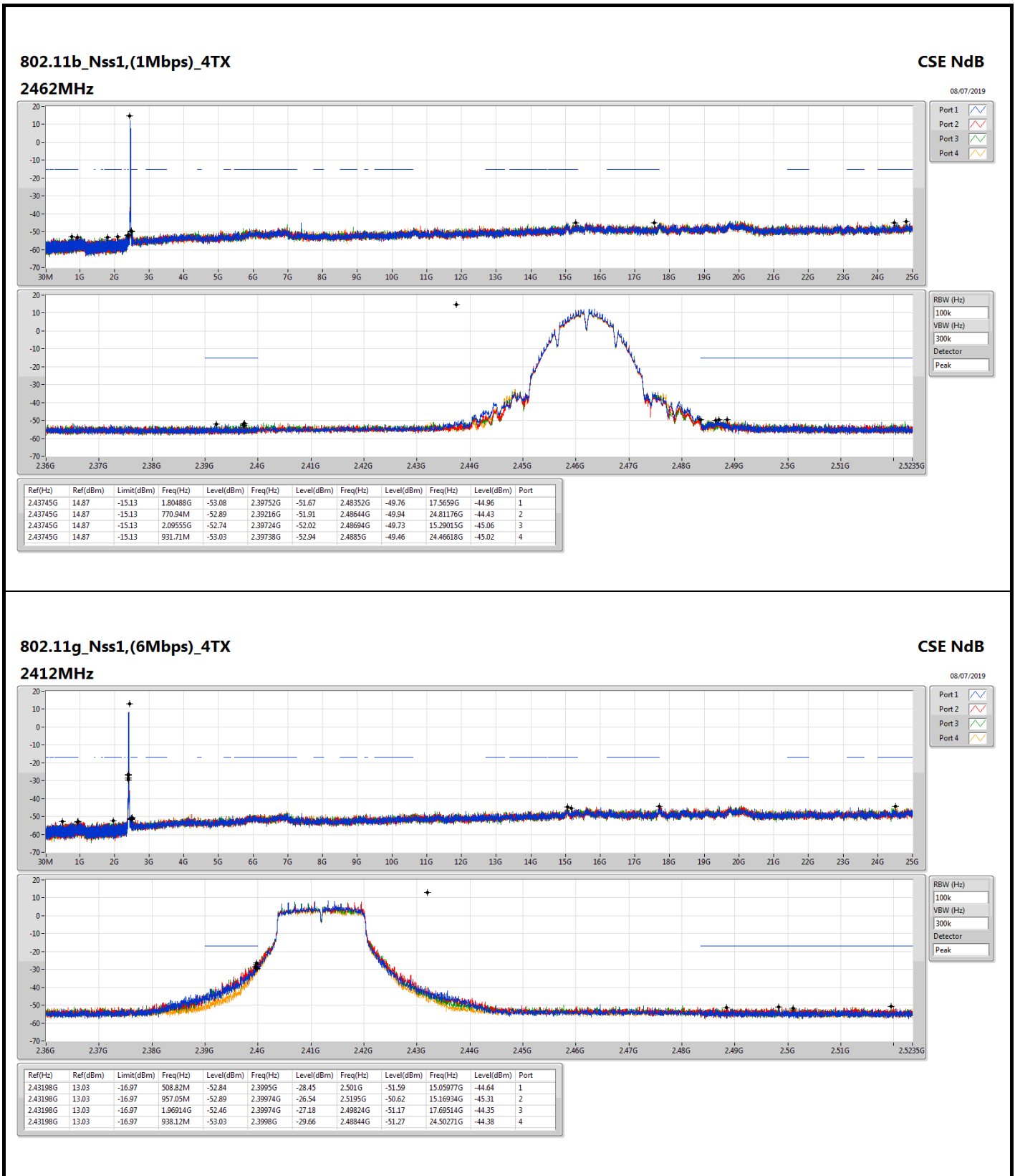


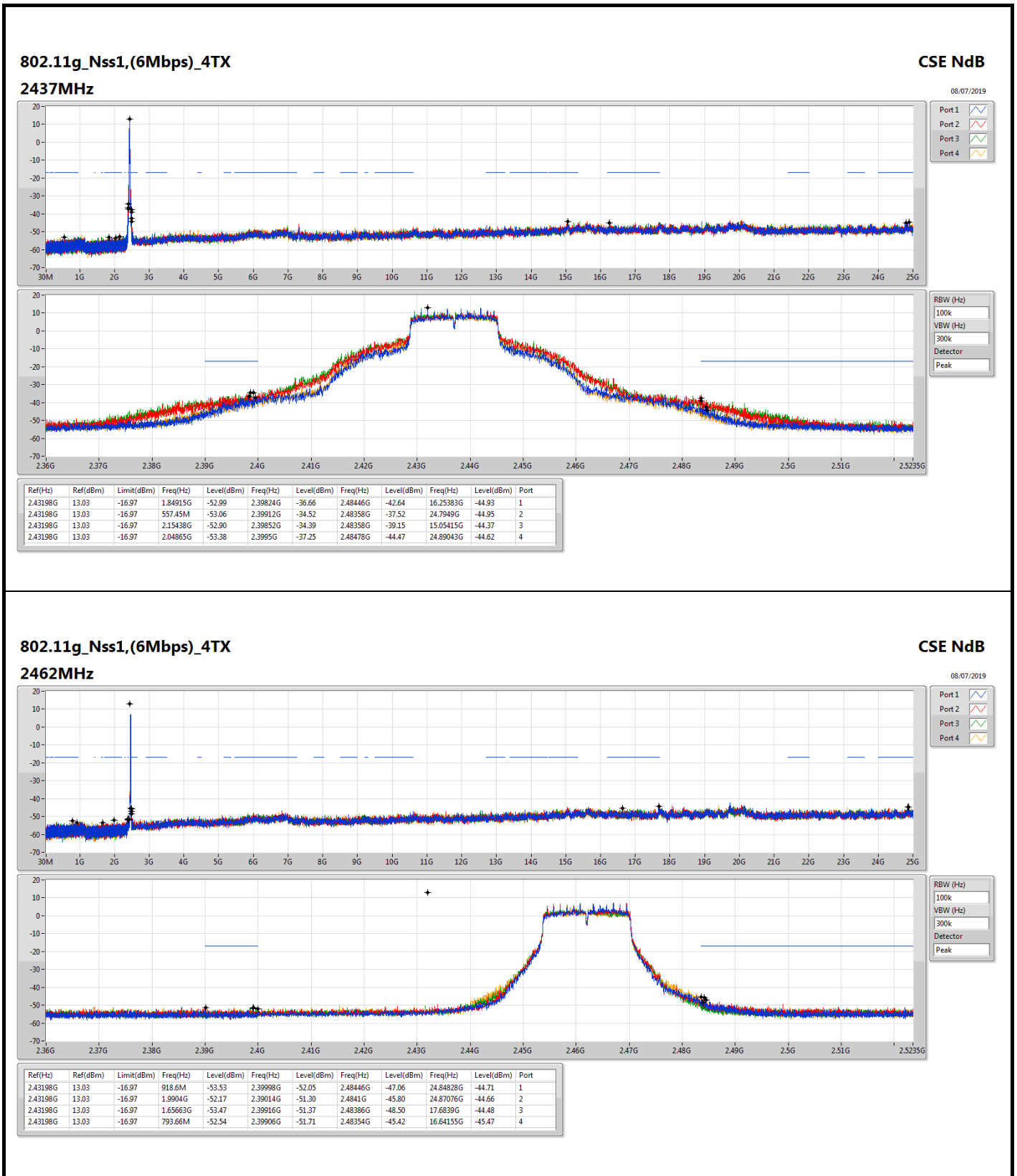
CSE(Non-restricted Band) / Antenna Set 1

Appendix E.4

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
2437MHz	Pass	2.44572G	4.99	-25.01	2.08299G	-53.38	2.39972G	-34.69	2.48366G	-40.93	15.25415G	-44.85	4
2452MHz	Pass	2.44572G	4.99	-25.01	2.14195G	-52.62	2.39984G	-51.76	2.48574G	-39.66	24.89062G	-45.02	1
2452MHz	Pass	2.44572G	4.99	-25.01	2.30426G	-52.30	2.39776G	-52.89	2.48822G	-40.98	15.27097G	-43.70	2
2452MHz	Pass	2.44572G	4.99	-25.01	878.73M	-53.37	2.39212G	-52.18	2.48946G	-41.69	24.99439G	-45.38	3
2452MHz	Pass	2.44572G	4.99	-25.01	192.3M	-52.93	2.39208G	-51.85	2.48942G	-40.84	15.06063G	-43.91	4







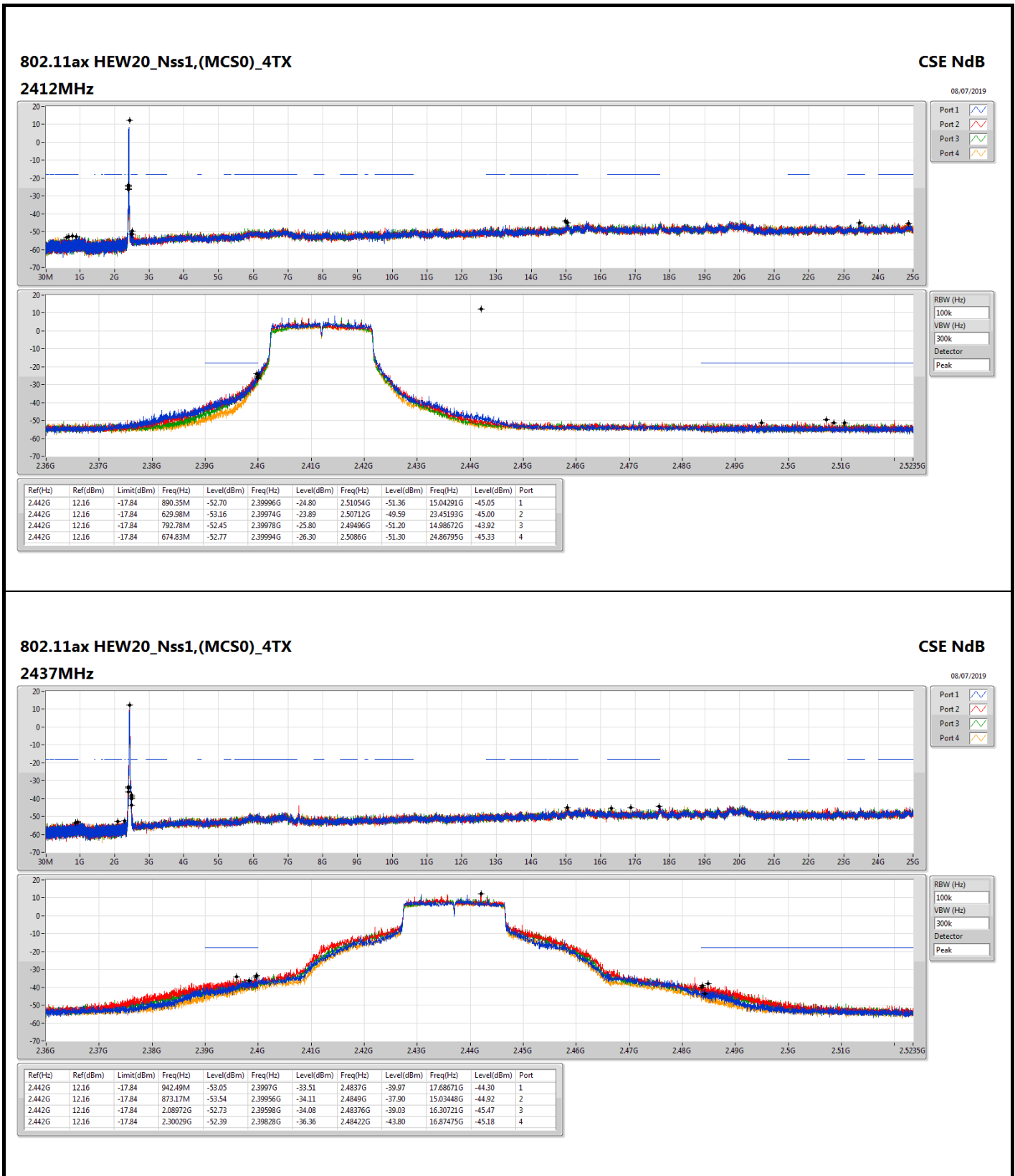
802.11g_Nss1,(6Mbps)_4TX

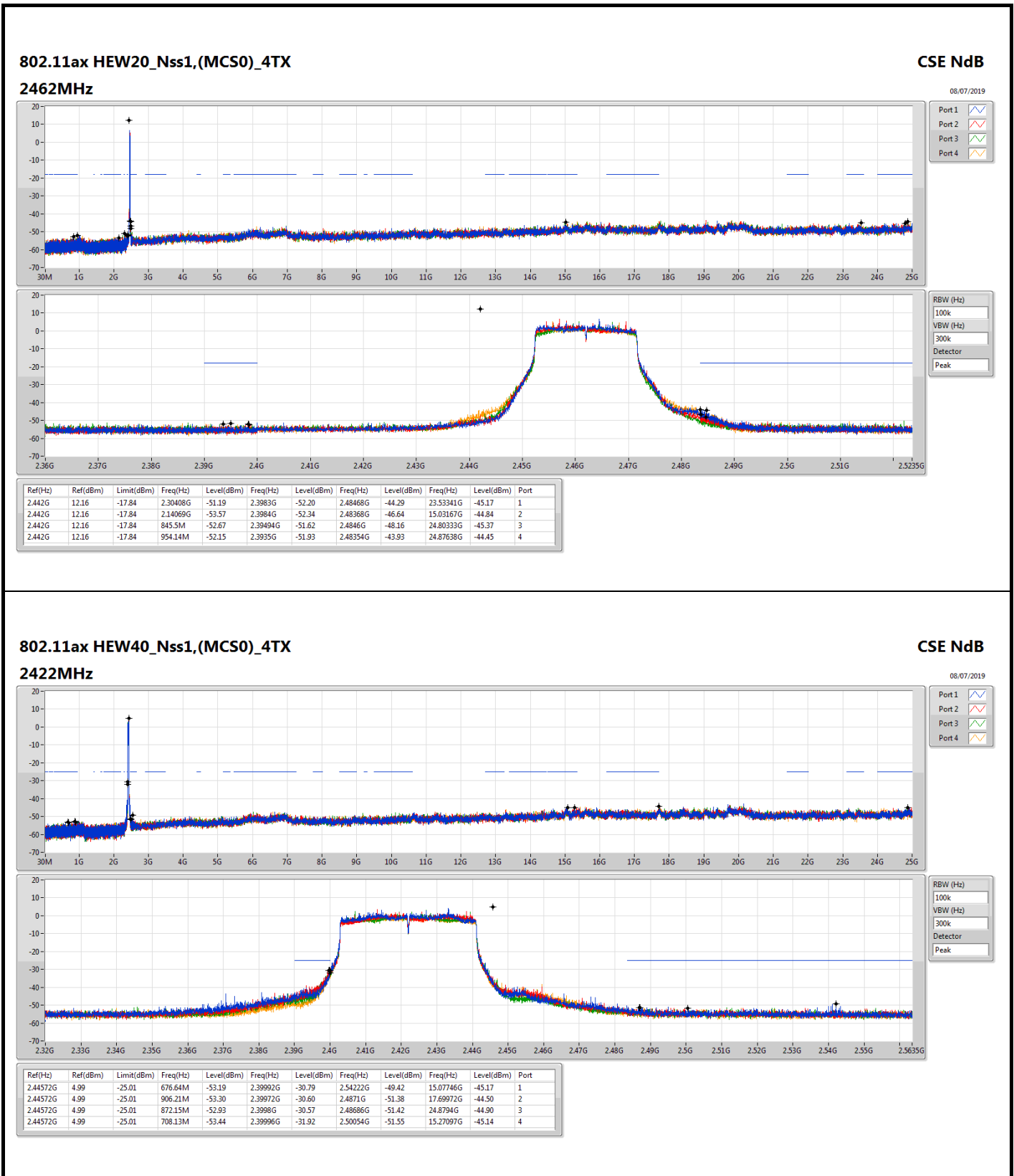
2462MHz

CSE NdB

08/07/2019

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	13.03	-16.97	918.6M	-53.53	2.39998G	-52.05	2.48446G	-47.06	24.84828G	-44.71	1
2.43198G	13.03	-16.97	1.9904G	-52.17	2.39014G	-51.30	2.4841G	-45.80	24.87076G	-44.66	2
2.43198G	13.03	-16.97	1.65663G	-53.47	2.39916G	-51.37	2.48386G	-48.50	17.6839G	-44.48	3
2.43198G	13.03	-16.97	793.66M	-52.54	2.39906G	-51.71	2.48354G	-45.42	16.64155G	-45.47	4



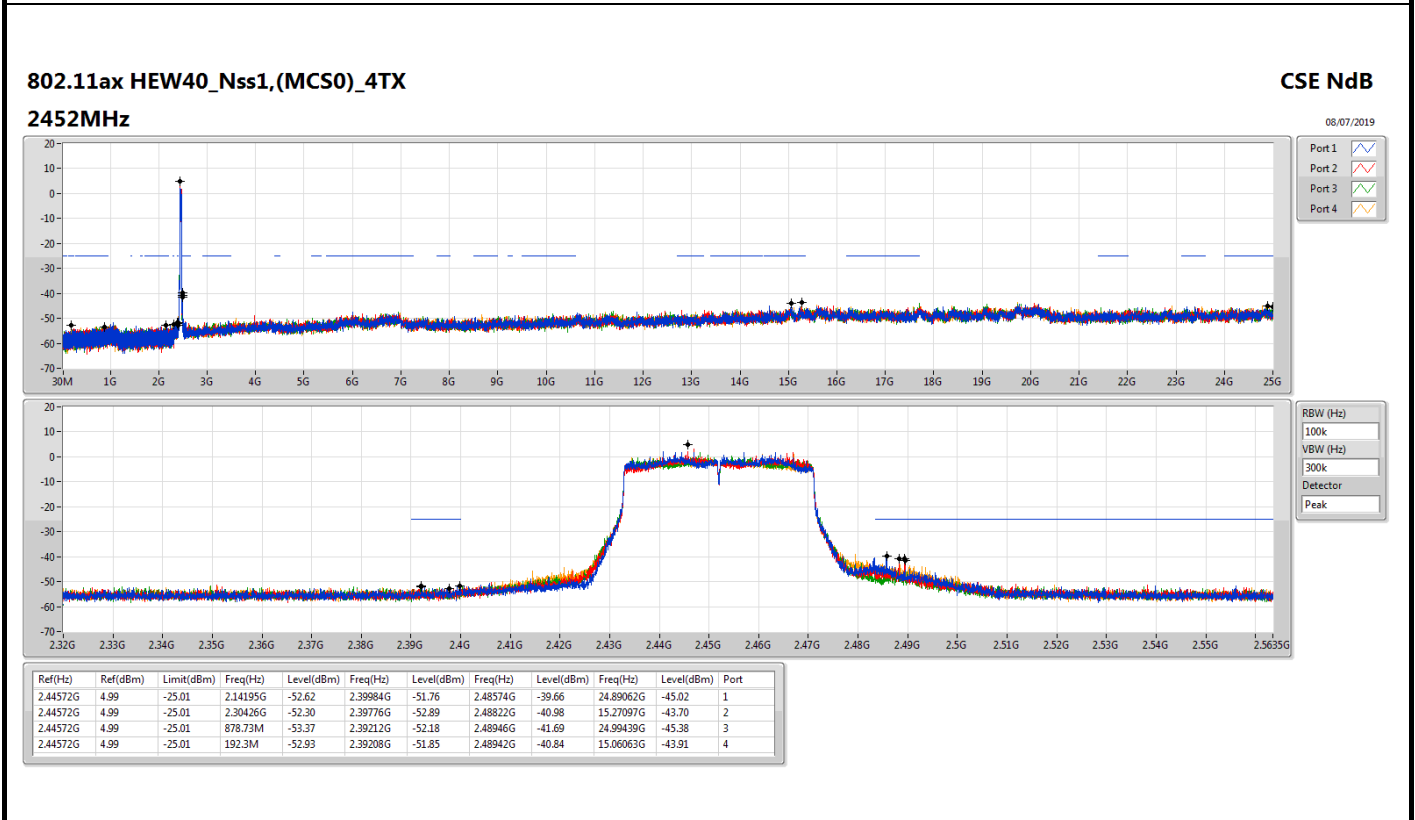
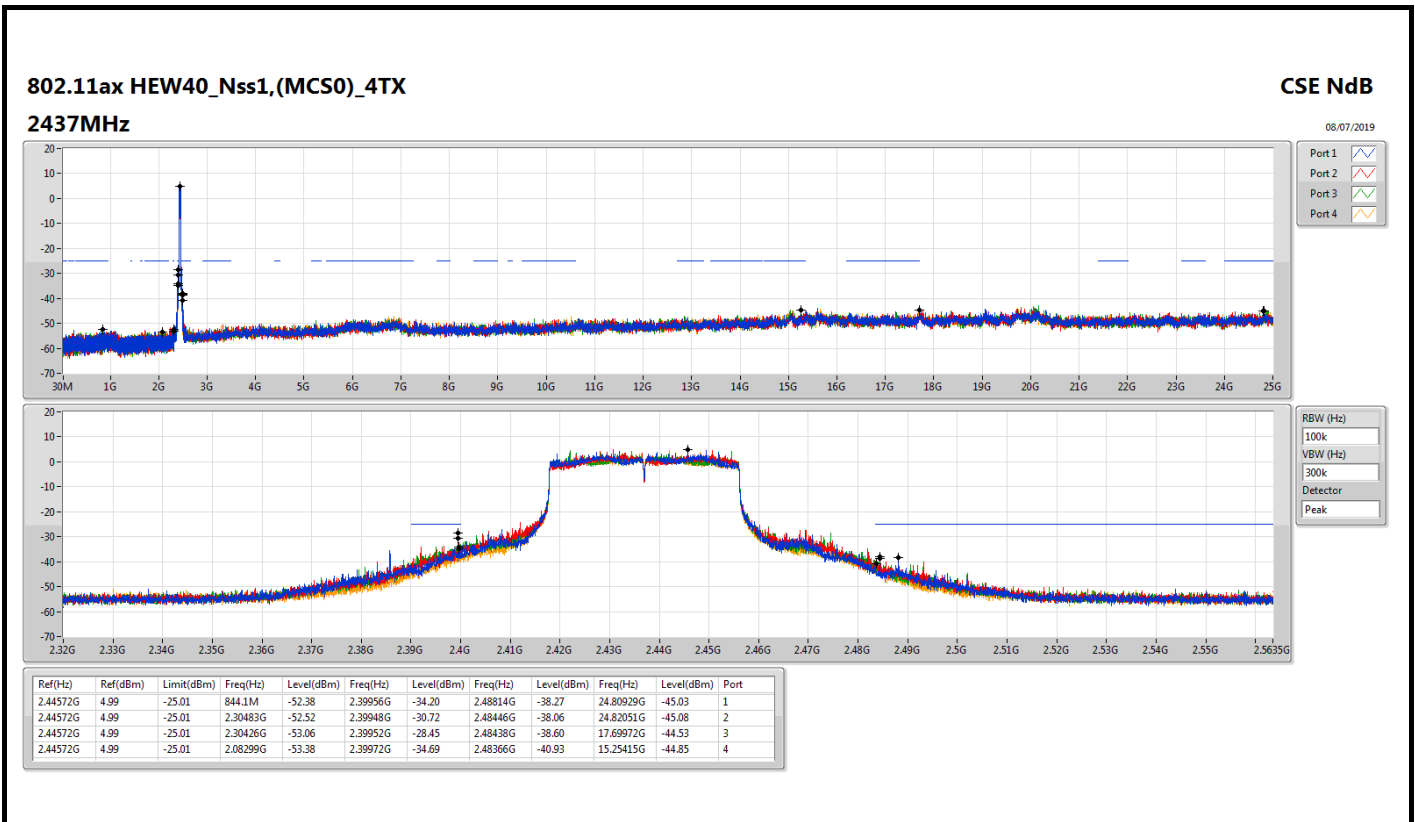


802.11ax HEW40_Nss1,(MCS0)_4TX

2422MHz

CSE NdB

08/07/2019





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	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	Pass	2.43599G	12.23	-17.77	1.95924G	-47.93	2.39984G	-26.23	2.50422G	-46.77	17.68952G	-39.86	1
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	Pass	2.42597G	9.64	-20.36	714.14M	-48.06	2.39976G	-32.31	2.5627G	-46.95	16.57229G	-40.09	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)	Port
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43599G	12.23	-17.77	1.95924G	-47.93	2.39984G	-26.23	2.50422G	-46.77	17.68952G	-39.86	1
2412MHz	Pass	2.43599G	12.23	-17.77	217.57M	-48.23	2.39994G	-26.36	2.49122G	-46.31	16.25102G	-39.39	2
2412MHz	Pass	2.43599G	12.23	-17.77	678.61M	-48.13	2.3999G	-29.28	2.49888G	-46.30	16.9506G	-40.04	3
2412MHz	Pass	2.43599G	12.23	-17.77	1.63508G	-48.04	2.39972G	-29.22	2.48704G	-46.71	16.57974G	-39.19	4
2437MHz	Pass	2.43599G	12.23	-17.77	744.44M	-48.89	2.39628G	-46.69	2.48564G	-46.83	16.32969G	-39.88	1
2437MHz	Pass	2.43599G	12.23	-17.77	918.6M	-48.27	2.39698G	-46.54	2.49824G	-46.78	16.53198G	-39.96	2
2437MHz	Pass	2.43599G	12.23	-17.77	883.36M	-48.52	2.3982G	-46.70	2.50072G	-46.15	17.68952G	-39.58	3
2437MHz	Pass	2.43599G	12.23	-17.77	644.54M	-48.64	2.3995G	-47.66	2.49054G	-46.90	16.59098G	-39.98	4
2462MHz	Pass	2.43599G	12.23	-17.77	846.67M	-46.81	2.39608G	-47.86	2.48354G	-39.87	14.80129G	-40.35	1
2462MHz	Pass	2.43599G	12.23	-17.77	769.48M	-49.09	2.39132G	-47.46	2.4849G	-43.98	16.55446G	-39.60	2
2462MHz	Pass	2.43599G	12.23	-17.77	849M	-48.46	2.39754G	-47.30	2.48756G	-45.11	24.23018G	-40.08	3
2462MHz	Pass	2.43599G	12.23	-17.77	889.19M	-47.70	2.398G	-47.39	2.48408G	-45.82	24.87919G	-39.70	4
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.42597G	9.64	-20.36	742.19M	-48.05	2.39992G	-32.77	2.50298G	-46.93	16.54705G	-40.24	1
2422MHz	Pass	2.42597G	9.64	-20.36	714.14M	-48.06	2.39976G	-32.31	2.5627G	-46.95	16.57229G	-40.09	2
2422MHz	Pass	2.42597G	9.64	-20.36	603.65M	-47.86	2.39988G	-36.39	2.4985G	-47.06	16.4545G	-40.37	3
2422MHz	Pass	2.42597G	9.64	-20.36	1.8162G	-48.41	2.39992G	-36.13	2.50822G	-47.90	24.85416G	-40.09	4
2437MHz	Pass	2.42597G	9.64	-20.36	2.0744G	-47.93	2.39636G	-34.51	2.48574G	-35.67	24.96635G	-39.88	1
2437MHz	Pass	2.42597G	9.64	-20.36	710.7M	-47.78	2.39476G	-34.94	2.48886G	-35.73	24.88501G	-40.30	2
2437MHz	Pass	2.42597G	9.64	-20.36	2.1056G	-48.05	2.3978G	-37.88	2.49166G	-41.22	16.60875G	-39.79	3
2437MHz	Pass	2.42597G	9.64	-20.36	916.52M	-47.21	2.39888G	-46.29	2.48658G	-45.77	24.30727G	-40.44	4
2452MHz	Pass	2.42597G	9.64	-20.36	743.34M	-48.50	2.39832G	-48.75	2.48442G	-44.91	16.58351G	-39.68	1
2452MHz	Pass	2.42597G	9.64	-20.36	920.81M	-47.21	2.3998G	-47.33	2.48818G	-46.08	24.84575G	-39.11	2
2452MHz	Pass	2.42597G	9.64	-20.36	687.23M	-48.61	2.39636G	-48.57	2.49102G	-47.15	15.22049G	-39.24	3
2452MHz	Pass	2.42597G	9.64	-20.36	938.27M	-48.62	2.39988G	-48.18	2.48354G	-44.61	16.27501G	-39.91	4

