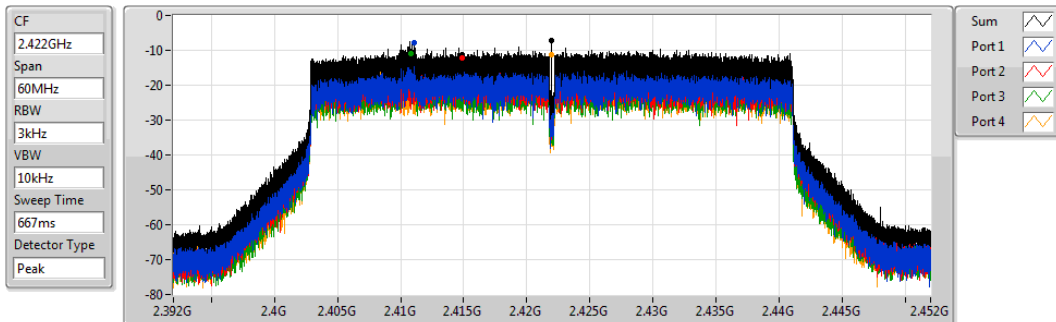


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

2422MHz

09/07/2019



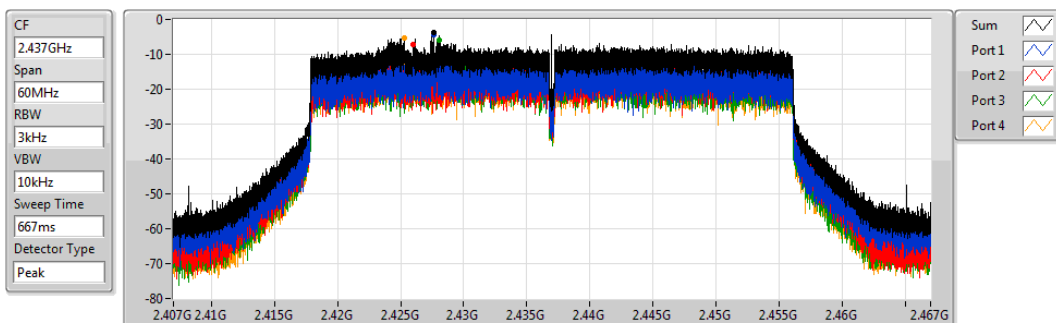
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.08	-7.08	-7.73	-12.08	-11.02	-11.37

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

2437MHz

09/07/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.74	-3.74	-4.30	-7.31	-6.09	-5.29

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

2452MHz

09/07/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.91	-7.91	-8.53	-12.92	-10.49	-11.63

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;

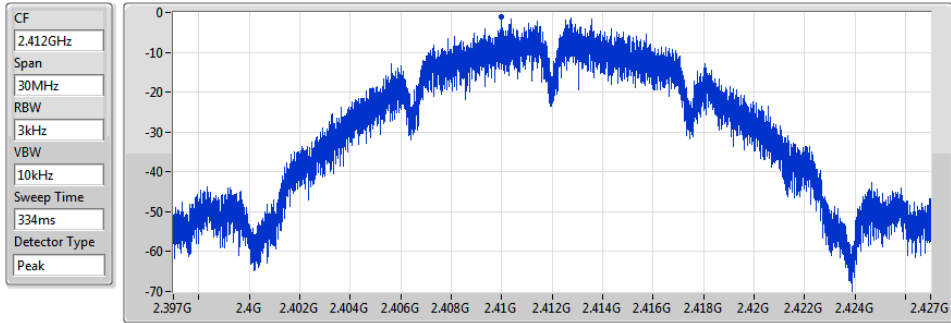
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11b_Nss1,(1Mbps)_1TX

PSD

2412MHz

19/07/2019



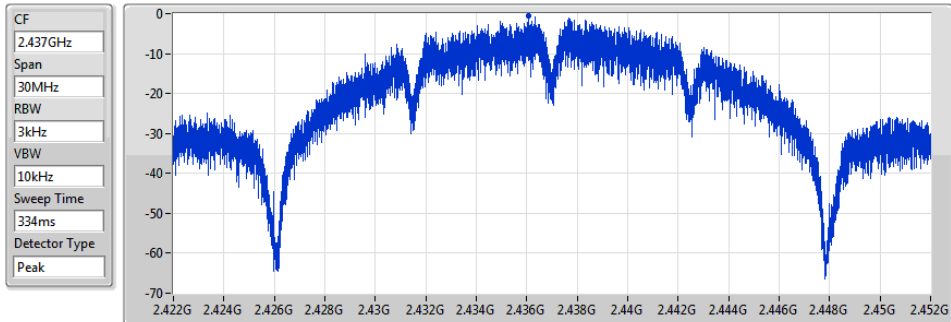
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.14	-1.14	-1.14

802.11b_Nss1,(1Mbps)_1TX

PSD

2437MHz

19/07/2019



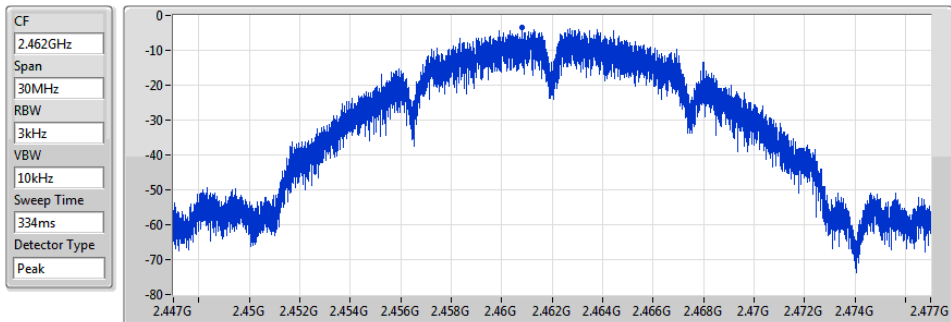
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.47	-0.47	-0.47

802.11b_Nss1,(1Mbps)_1TX

PSD

2462MHz

19/07/2019



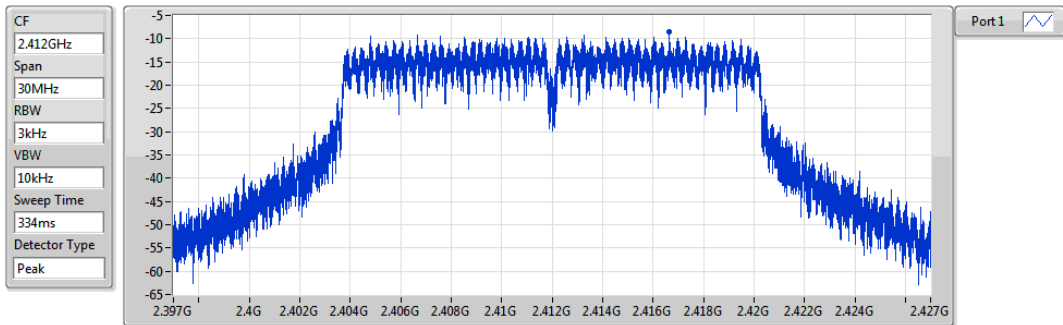
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.32	-3.32	-3.32

802.11g_Nss1,(6Mbps)_1TX

PSD

2412MHz

19/07/2019



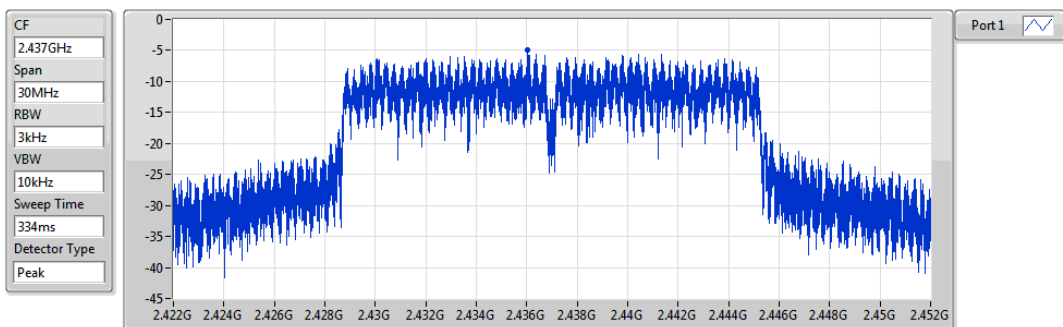
Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-8.51	-8.51	-8.51

802.11g_Nss1,(6Mbps)_1TX

PSD

2437MHz

19/07/2019



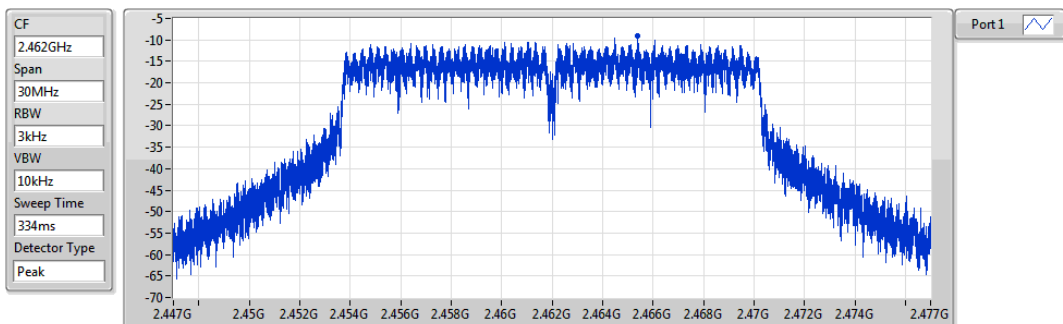
Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-4.87	-4.87	-4.87

802.11g_Nss1,(6Mbps)_1TX

PSD

2462MHz

19/07/2019



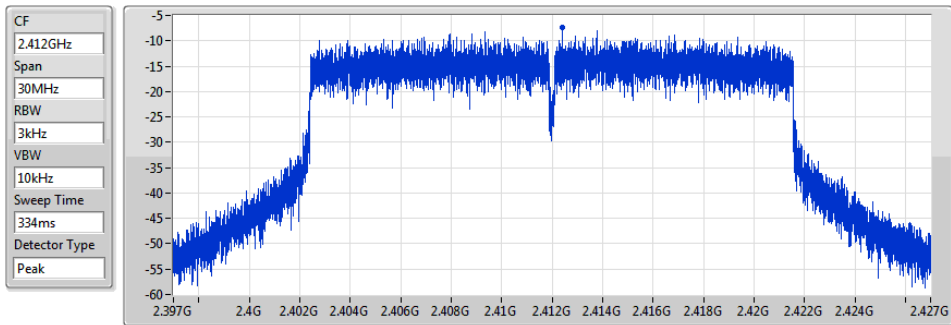
Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-9.07	-9.07	-9.07

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

2412MHz

19/07/2019



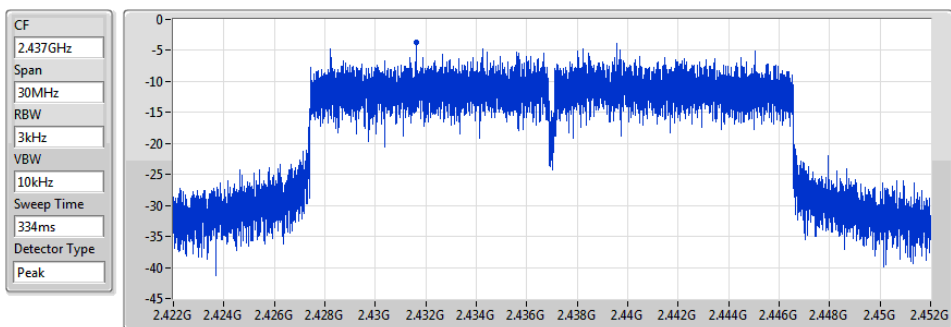
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.38	-7.38	-7.38

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

2437MHz

19/07/2019



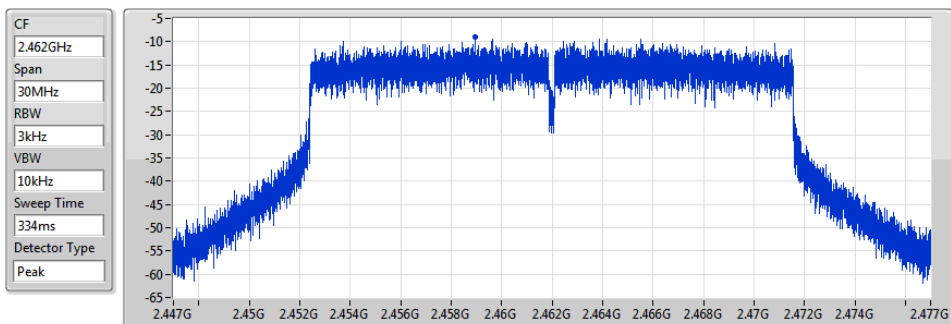
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.74	-3.74	-3.74

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

2462MHz

19/07/2019



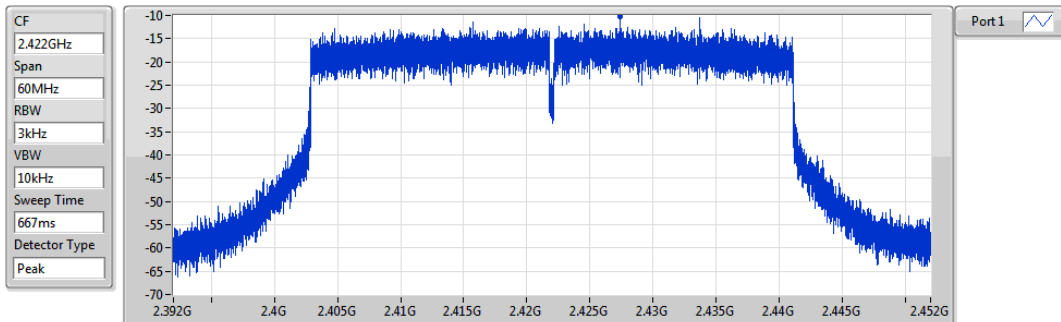
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.89	-8.89	-8.89

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

2422MHz

19/07/2019



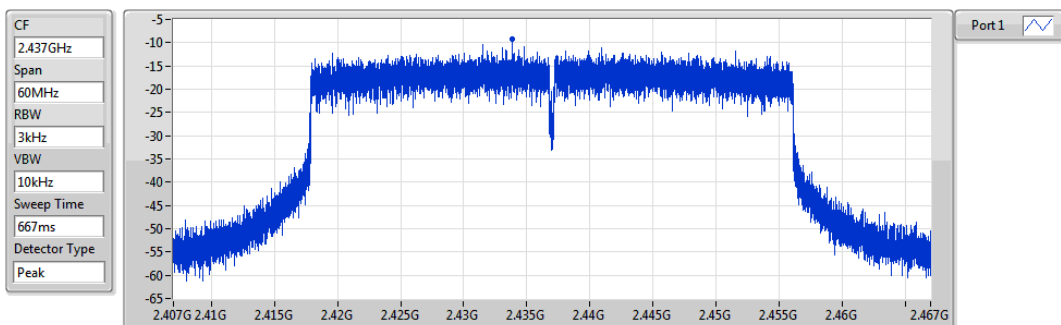
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.15	-10.15	-10.15

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

2437MHz

19/07/2019



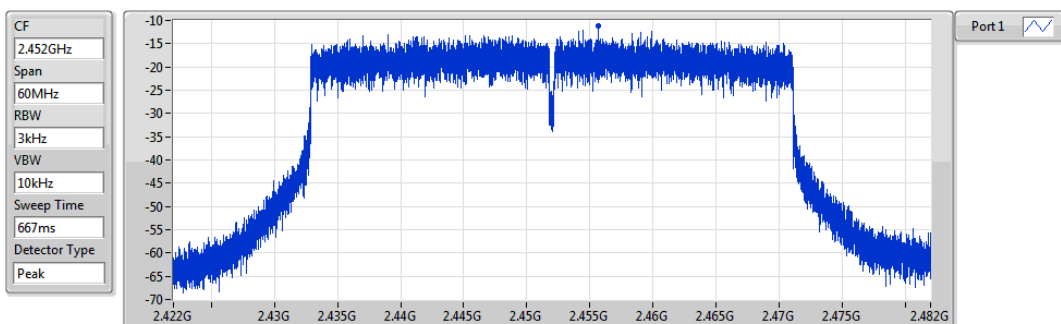
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.30	-9.30	-9.30

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

2452MHz

19/07/2019



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	7.21	-1.43	-2.13	0.54	6.79
2437MHz	Pass	7.21	-0.28	-0.41	1.67	6.79
2462MHz	Pass	7.21	-1.91	-2.73	-0.80	6.79
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.21	-8.18	-9.17	-6.58	6.79
2437MHz	Pass	7.21	-4.97	-4.50	-3.31	6.79
2462MHz	Pass	7.21	-9.58	-9.84	-8.17	6.79
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.21	-8.09	-8.50	-6.15	6.79
2437MHz	Pass	7.21	-3.65	-5.28	-2.99	6.79
2462MHz	Pass	7.21	-9.50	-9.45	-7.41	6.79
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	7.21	-10.89	-11.15	-9.47	6.79
2437MHz	Pass	7.21	-9.23	-10.70	-7.72	6.79
2452MHz	Pass	7.21	-12.48	-12.31	-11.26	6.79

DG = Directional Gain; RBW=3 kHz;

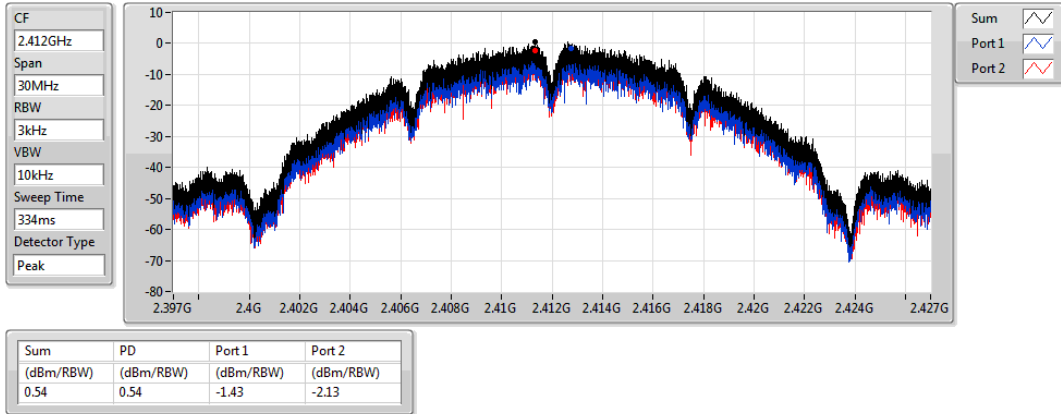
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11b_Nss1,(1Mbps)_2TX

PSD

2412MHz

19/07/2019

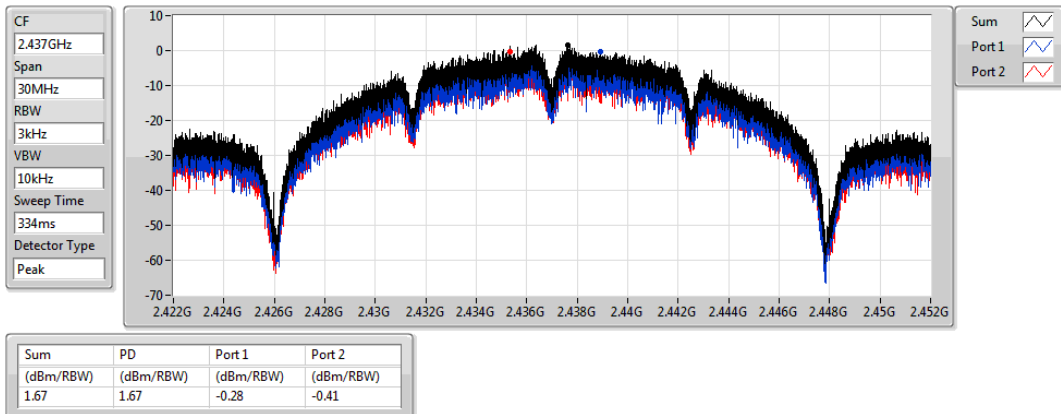


802.11b_Nss1,(1Mbps)_2TX

PSD

2437MHz

19/07/2019

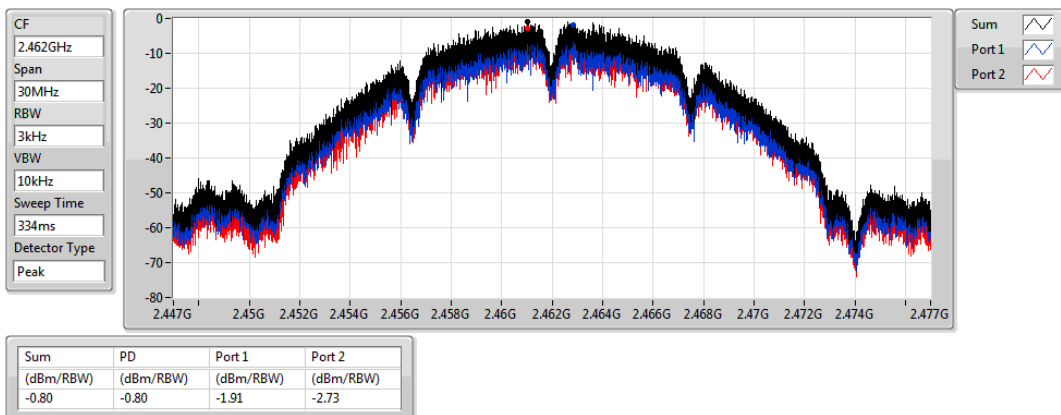


802.11b_Nss1,(1Mbps)_2TX

PSD

2462MHz

19/07/2019

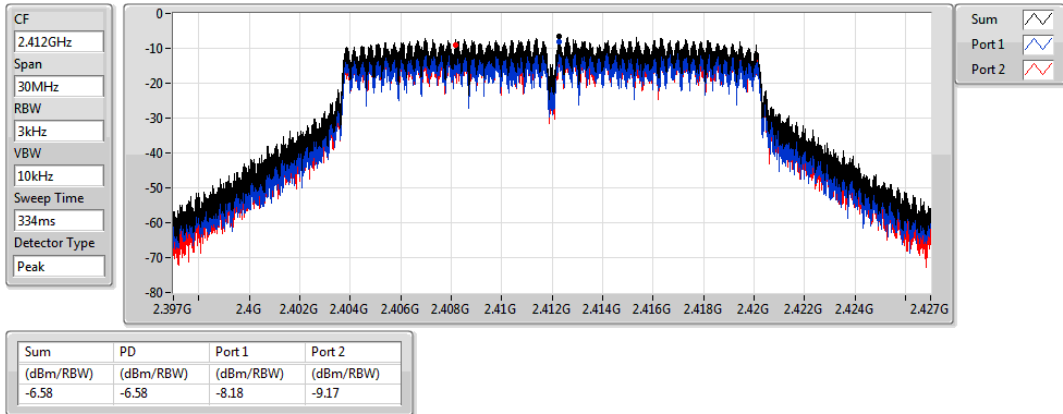


802.11g_Nss1,(6Mbps)_2TX

PSD

2412MHz

19/07/2019

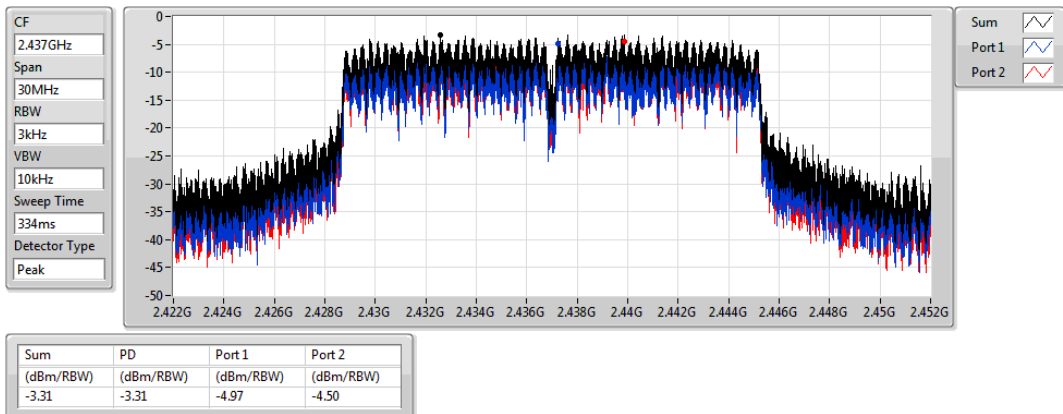


802.11g_Nss1,(6Mbps)_2TX

PSD

2437MHz

19/07/2019

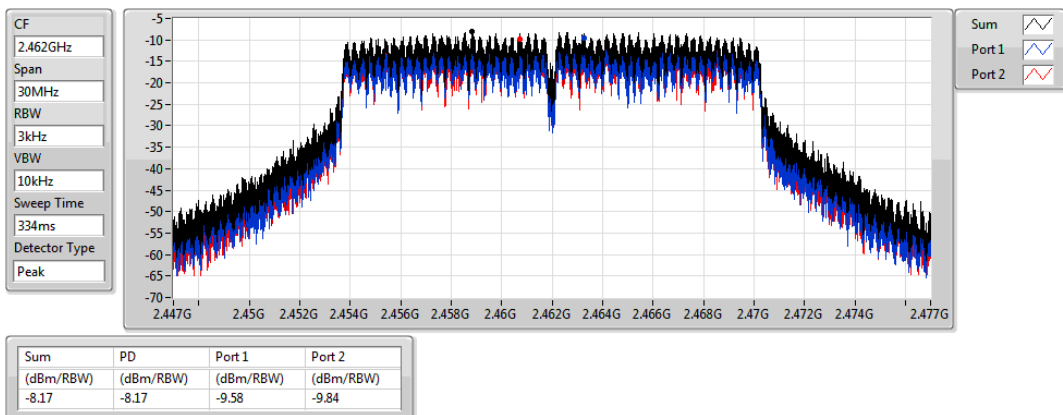


802.11g_Nss1,(6Mbps)_2TX

PSD

2462MHz

19/07/2019

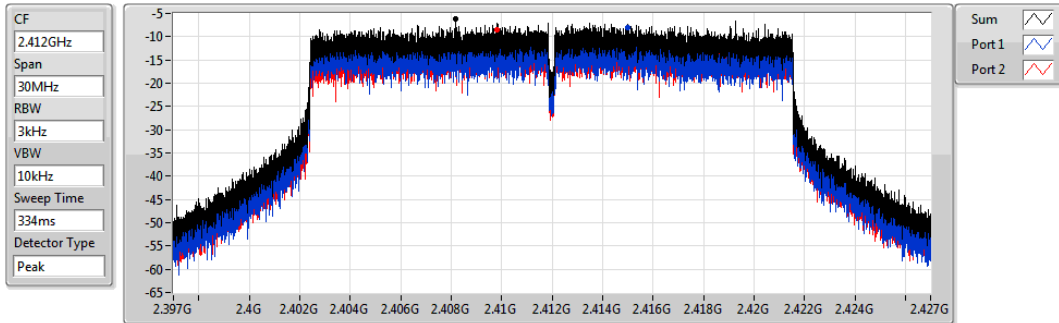


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

2412MHz

19/07/2019



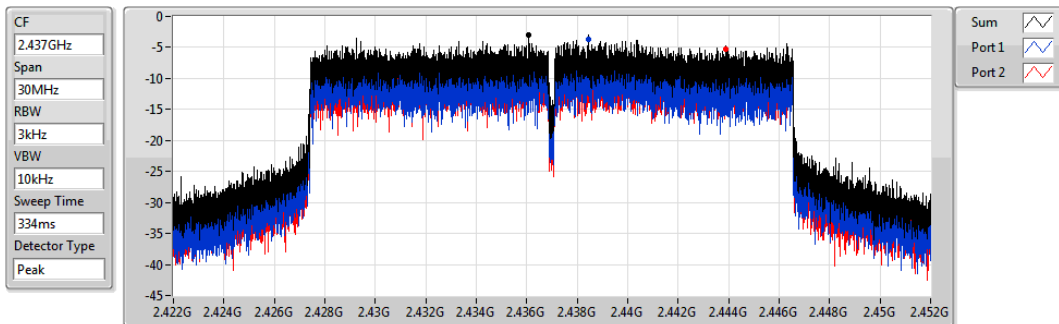
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.15	-6.15	-8.09	-8.50

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

2437MHz

19/07/2019



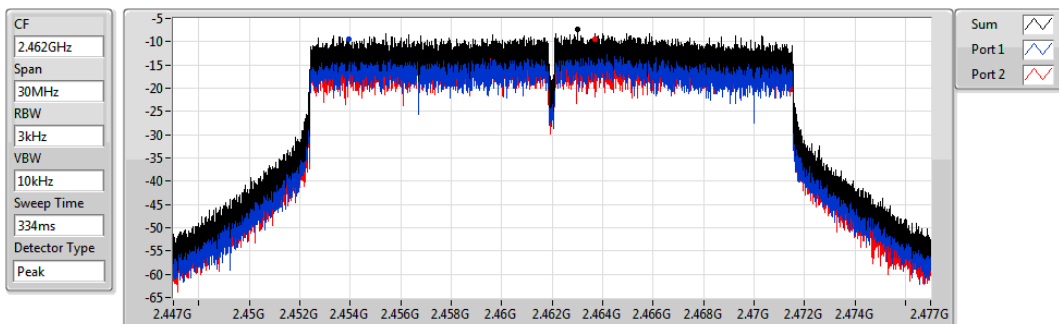
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.99	-2.99	-3.65	-5.28

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

2462MHz

19/07/2019



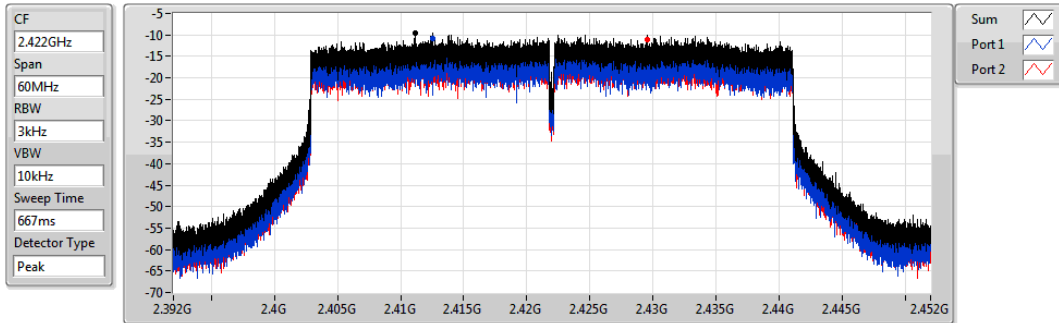
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.41	-7.41	-9.50	-9.45

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

2422MHz

19/07/2019



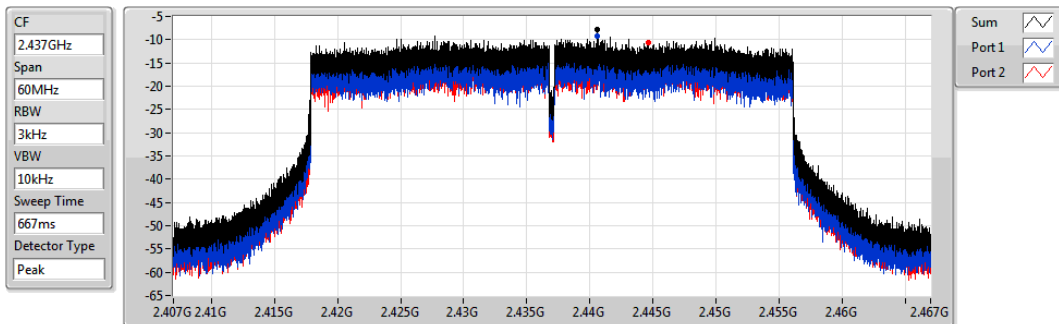
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-9.47	-9.47	-10.89	-11.15

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

2437MHz

19/07/2019



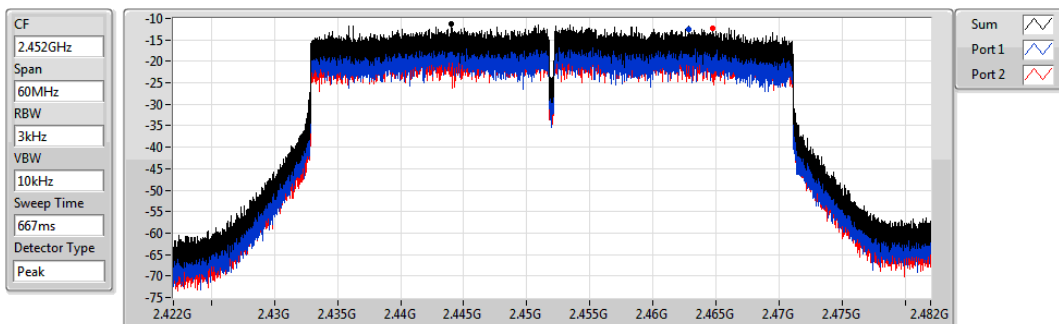
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-7.72	-7.72	-9.23	-10.70

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

2452MHz

19/07/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-11.26	-11.26	-12.48	-12.31



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	7.21	-3.79	-5.22	-3.29	6.79
2437MHz	Pass	7.21	-5.30	-5.11	-2.97	6.79
2462MHz	Pass	7.21	-4.80	-6.70	-4.24	6.79
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	7.21	-5.28	-7.48	-4.56	6.79
2437MHz	Pass	7.21	-5.21	-6.77	-3.99	6.79
2452MHz	Pass	7.21	-5.59	-5.90	-4.51	6.79

DG = Directional Gain; RBW=3 kHz;

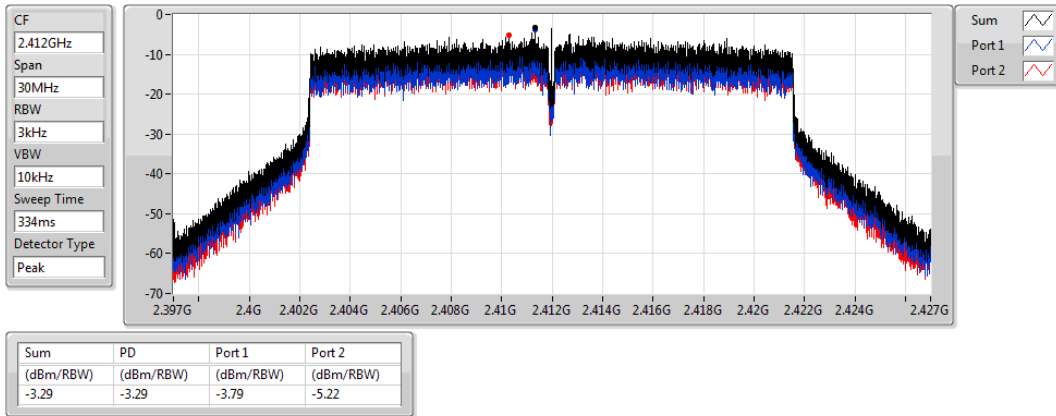
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

2412MHz

19/07/2019

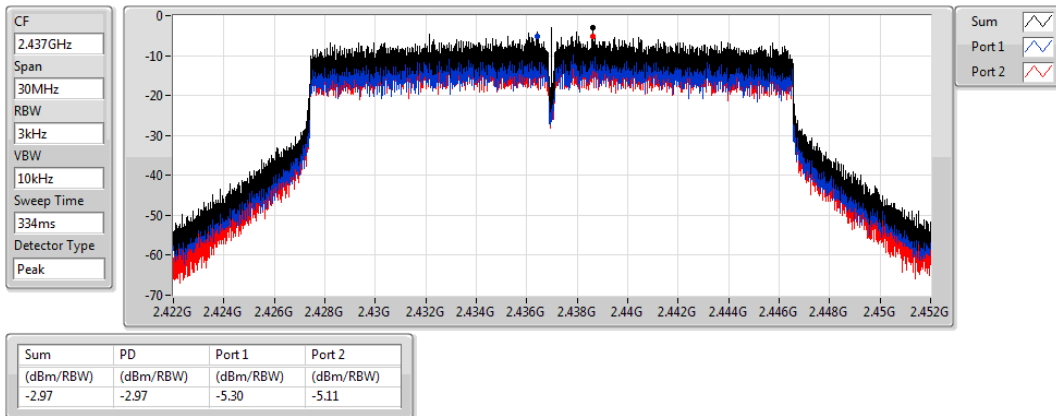


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

2437MHz

19/07/2019

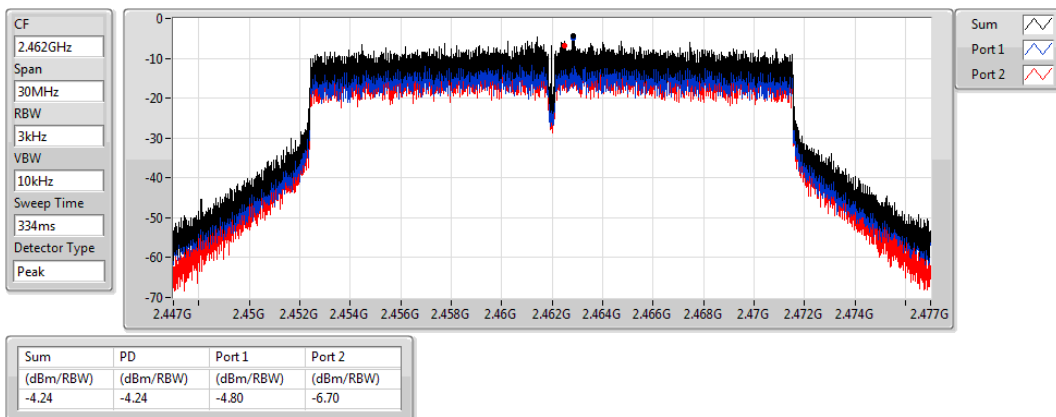


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

2462MHz

19/07/2019

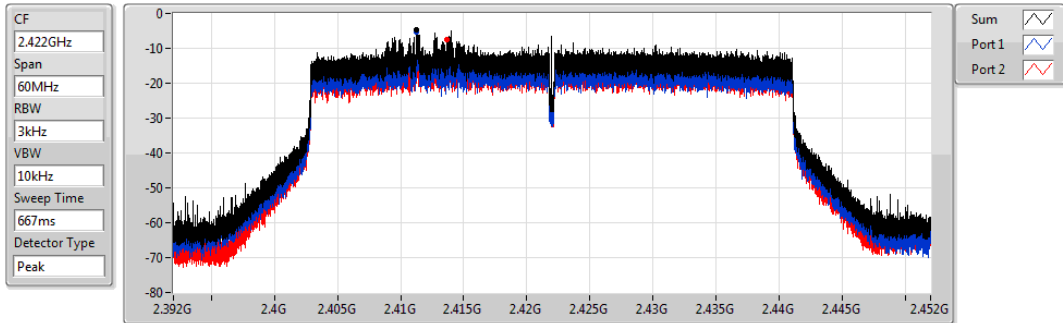


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

2422MHz

19/07/2019



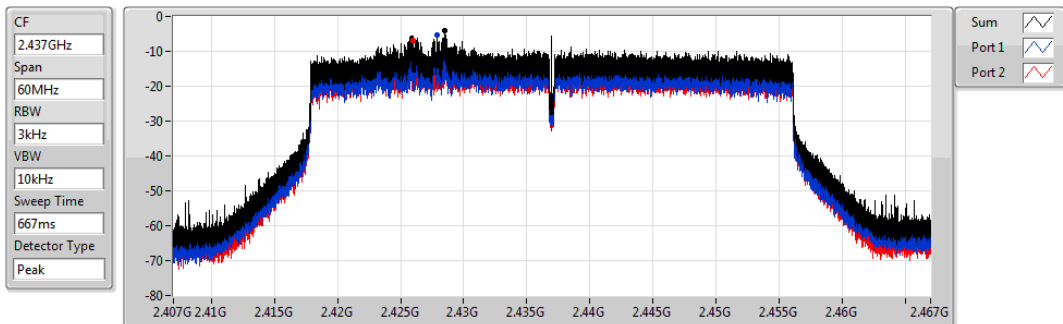
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.56	-4.56	-5.28	-7.48

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

2437MHz

19/07/2019



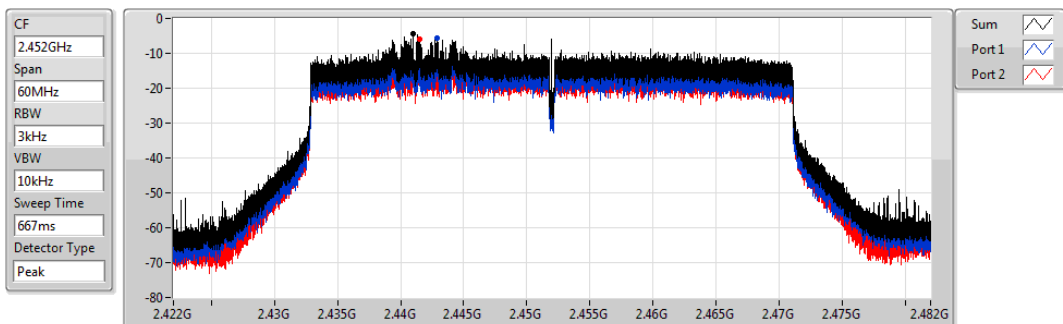
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.99	-3.99	-5.21	-6.77

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

2452MHz

19/07/2019



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.51	-4.51	-5.59	-5.90



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_4TX	2.83
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	10.22	-2.12	-1.50	-2.50	-1.54	2.83	3.78
2437MHz	Pass	10.22	-10.49	-10.89	-10.49	-11.68	-5.21	3.78
2462MHz	Pass	10.22	-2.36	-2.40	-2.67	-2.86	2.34	3.78
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	10.22	-8.74	-7.87	-8.69	-5.77	-3.58	3.78
2437MHz	Pass	10.22	-3.84	-5.35	-4.07	-5.15	-0.53	3.78
2462MHz	Pass	10.22	-9.02	-10.11	-9.82	-9.77	-5.22	3.78
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	10.22	-8.79	-6.15	-7.59	-8.33	-4.35	3.78
2437MHz	Pass	10.22	-4.78	-4.94	-4.05	-3.63	-1.31	3.78
2462MHz	Pass	10.22	-10.36	-10.88	-11.03	-10.19	-6.81	3.78
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	10.22	-11.67	-11.61	-11.13	-10.88	-7.33	3.78
2437MHz	Pass	10.22	-11.10	-10.39	-9.99	-9.95	-6.98	3.78
2452MHz	Pass	10.22	-11.55	-11.93	-11.80	-12.54	-8.70	3.78

DG = Directional Gain; RBW=3 kHz;

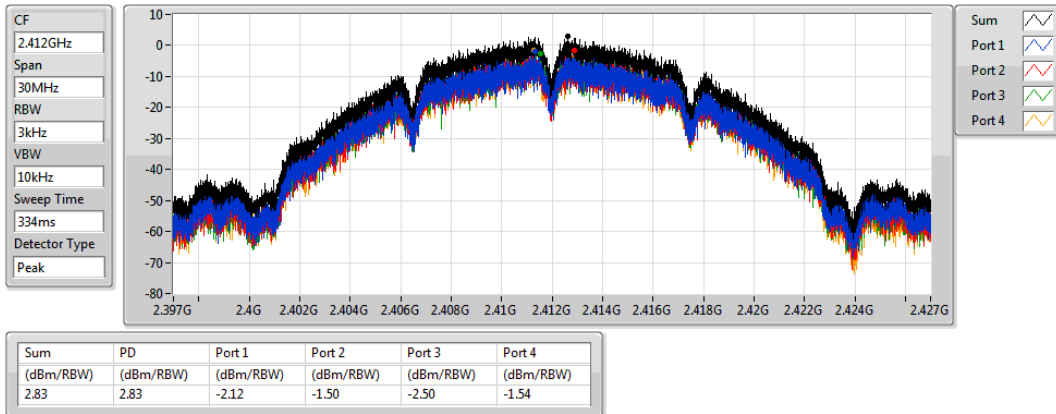
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11b_Nss1,(1Mbps)_4TX

PSD

2412MHz

19/07/2019

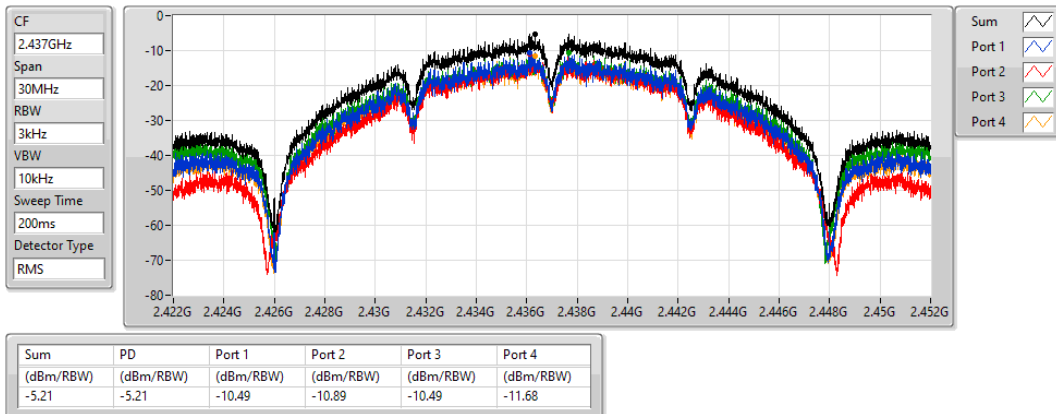


802.11b_Nss1,(1Mbps)_4TX

PSD

2437MHz

31/07/2023

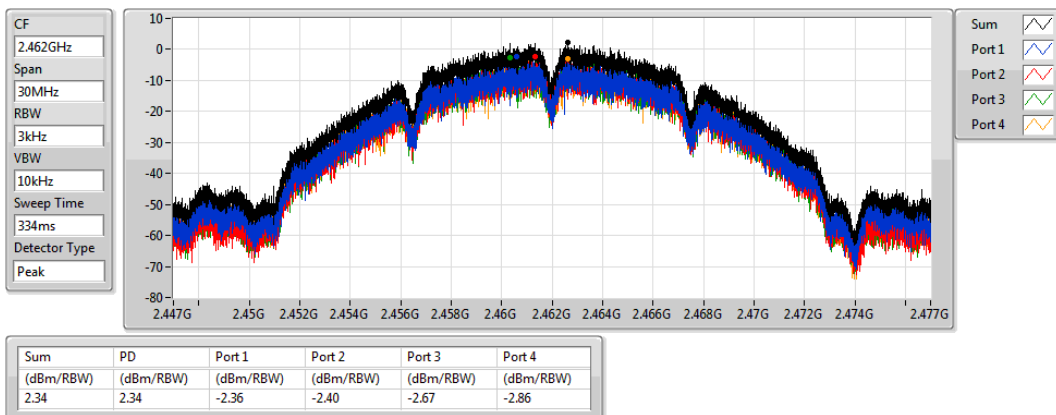


802.11b_Nss1,(1Mbps)_4TX

PSD

2462MHz

19/07/2019

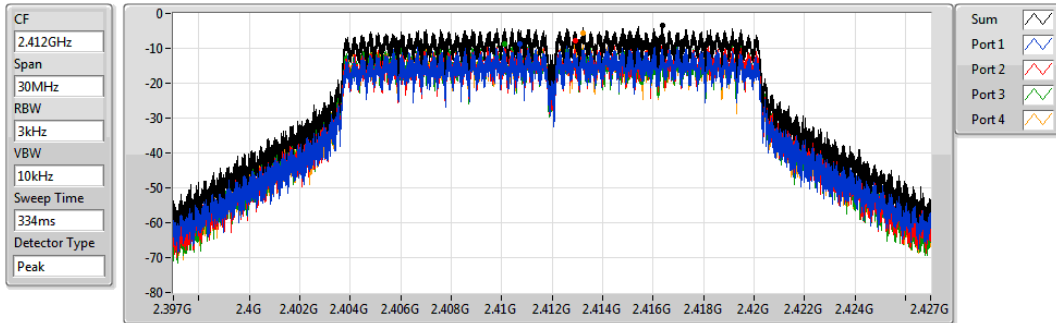


802.11g_Nss1,(6Mbps)_4TX

PSD

2412MHz

19/07/2019



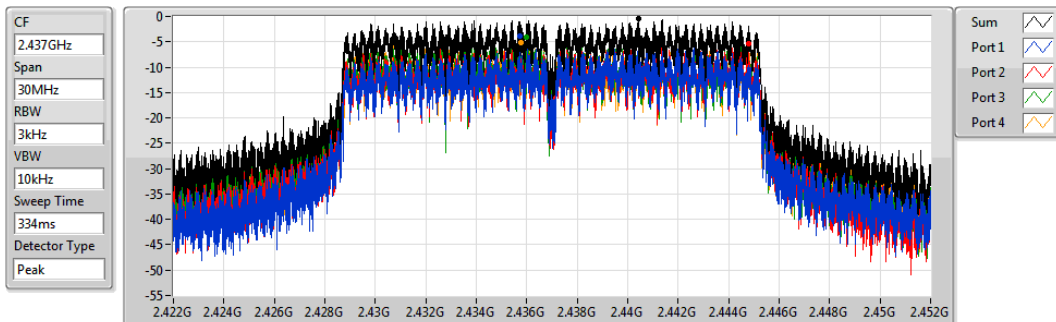
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.58	-3.58	-8.74	-7.87	-8.69	-5.77

802.11g_Nss1,(6Mbps)_4TX

PSD

2437MHz

19/07/2019



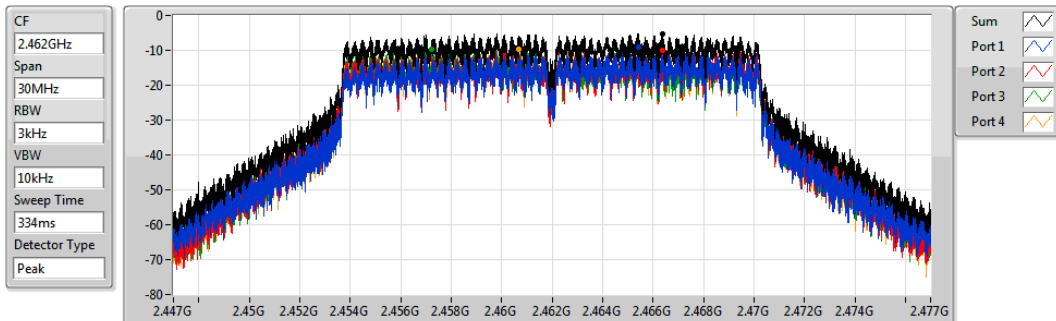
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.53	-0.53	-3.84	-5.35	-4.07	-5.15

802.11g_Nss1,(6Mbps)_4TX

PSD

2462MHz

19/07/2019



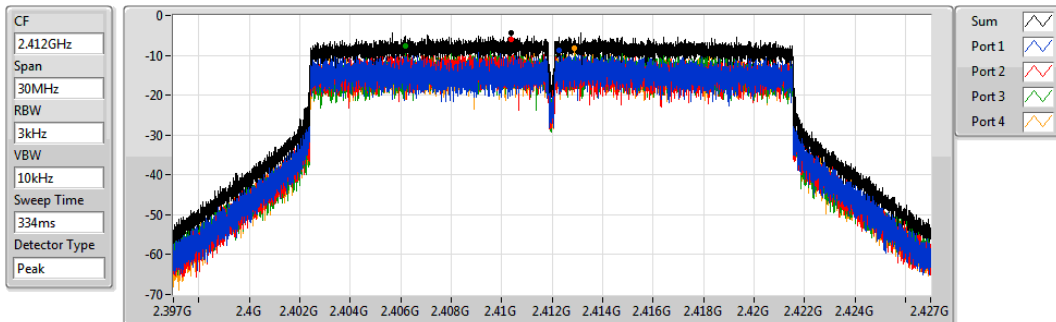
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.22	-5.22	-9.02	-10.11	-9.82	-9.77

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

2412MHz

19/07/2019



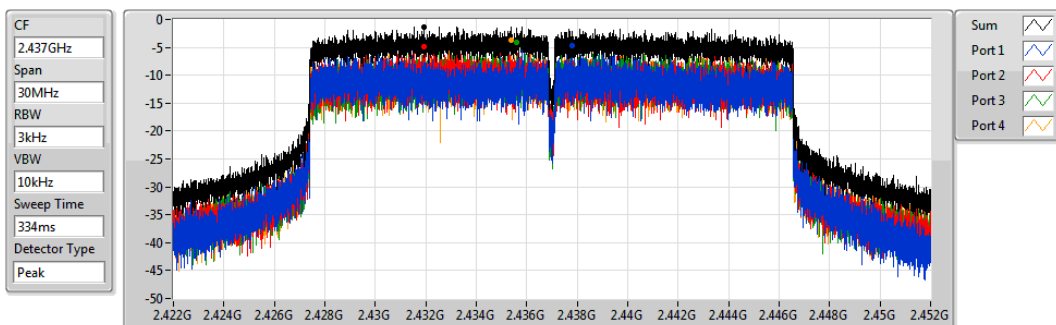
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-4.35	-4.35	-8.79	-6.15	-7.59	-8.33

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

2437MHz

19/07/2019



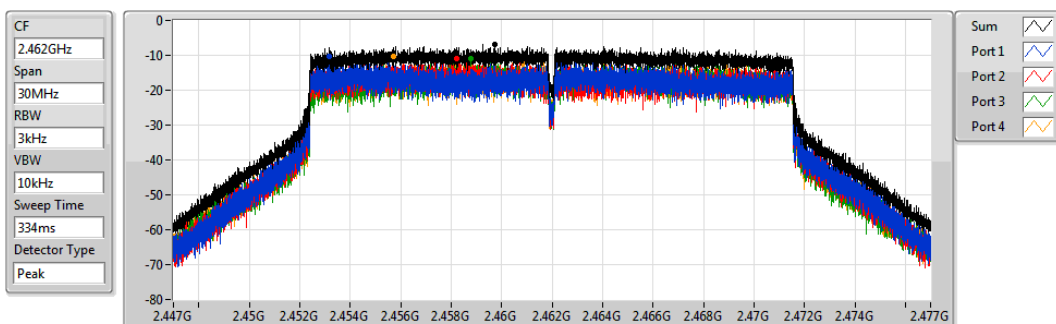
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-1.31	-1.31	-4.78	-4.94	-4.05	-3.63

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

2462MHz

19/07/2019



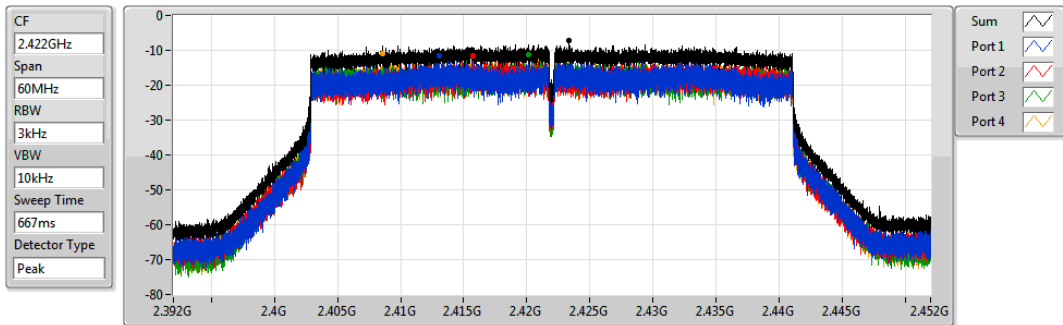
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-6.81	-6.81	-10.36	-10.88	-11.03	-10.19

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

2422MHz

19/07/2019



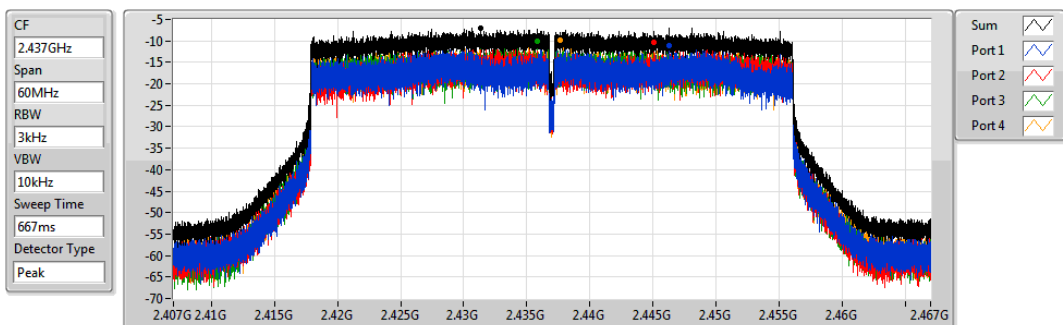
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100Hz)	(dBm/100Hz)	(dBm/100Hz)	(dBm/100Hz)	(dBm/100Hz)	(dBm/100Hz)
-7.33	-7.33	-11.67	-11.61	-11.13	-10.88

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

2437MHz

19/07/2019



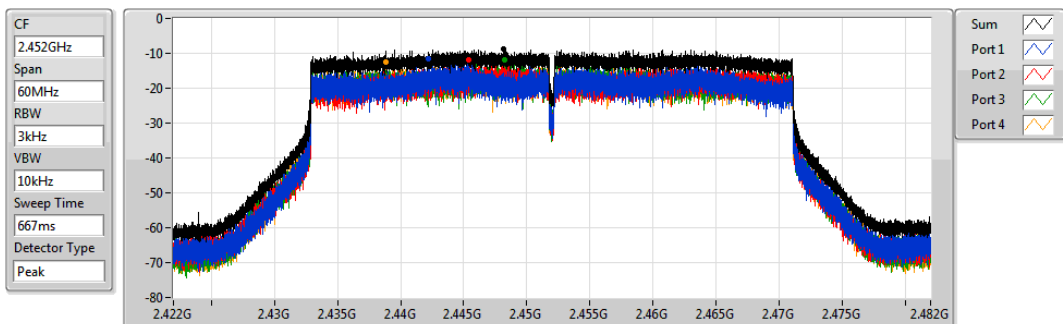
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100Hz)	(dBm/100Hz)	(dBm/100Hz)	(dBm/100Hz)	(dBm/100Hz)	(dBm/100Hz)
-6.98	-6.98	-11.10	-10.39	-9.99	-9.95

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

2452MHz

19/07/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100Hz)	(dBm/100Hz)	(dBm/100Hz)	(dBm/100Hz)	(dBm/100Hz)	(dBm/100Hz)
-8.70	-8.70	-11.55	-11.93	-11.80	-12.54



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	10.22	-6.01	-5.72	-3.64	-6.33	-2.20	3.78
2437MHz	Pass	10.22	-5.48	-6.43	-4.03	-4.99	-1.27	3.78
2462MHz	Pass	10.22	-6.54	-5.55	-2.71	-5.99	-1.57	3.78
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	10.22	-7.14	-7.94	-7.08	-9.63	-3.90	3.78
2437MHz	Pass	10.22	-7.31	-7.19	-5.99	-8.20	-2.48	3.78
2452MHz	Pass	10.22	-9.16	-9.50	-7.97	-9.20	-4.69	3.78

DG = Directional Gain; RBW=3 kHz;

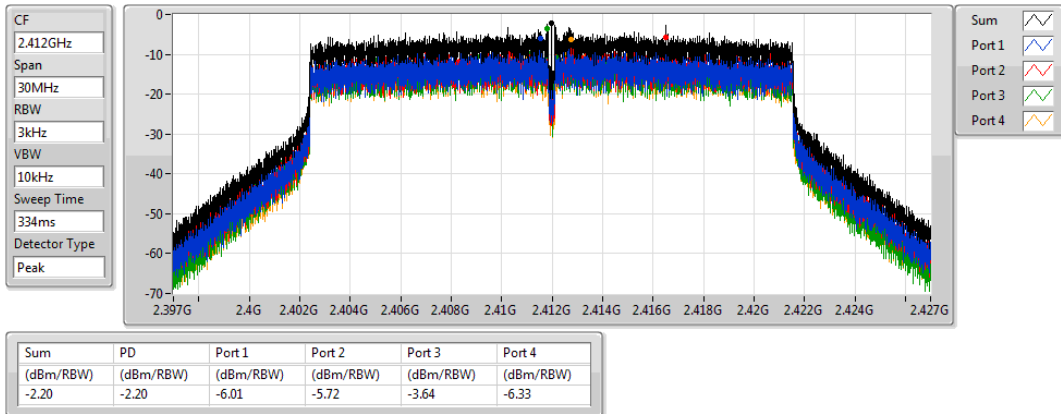
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2412MHz

PSD

19/07/2019

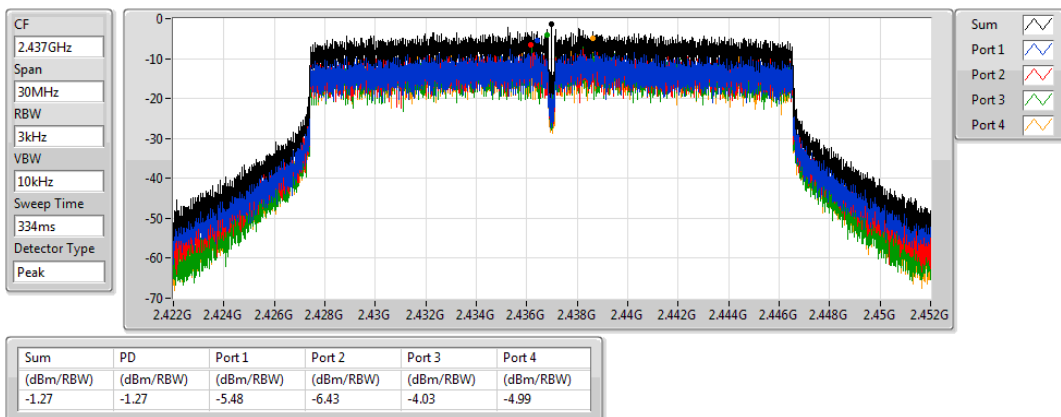


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2437MHz

PSD

19/07/2019

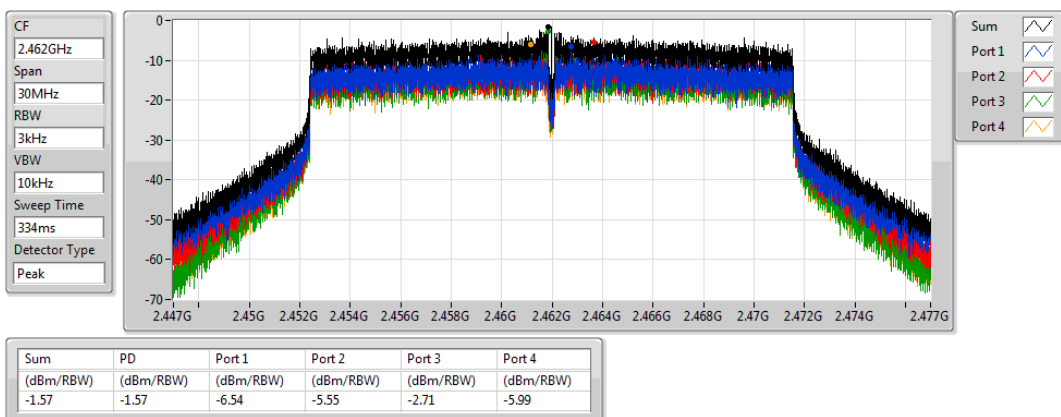


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2462MHz

PSD

19/07/2019

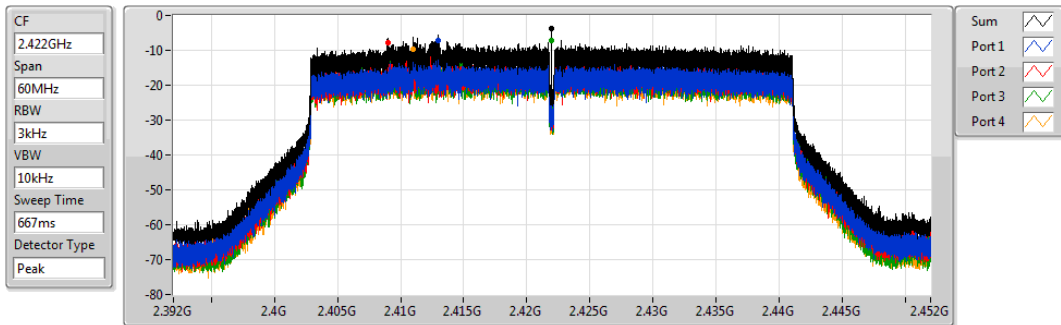


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

2422MHz

19/07/2019



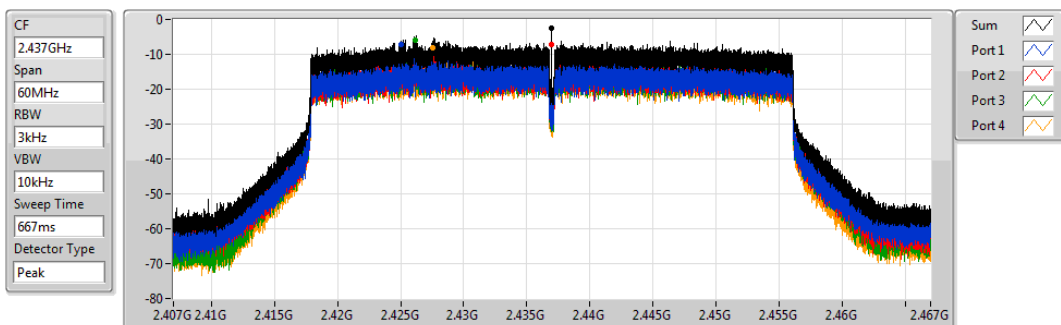
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100Hz)	(dBm/100Hz)	(dBm/100Hz)	(dBm/100Hz)	(dBm/100Hz)	(dBm/100Hz)
-3.90	-3.90	-7.14	-7.94	-7.08	-9.63

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

2437MHz

19/07/2019



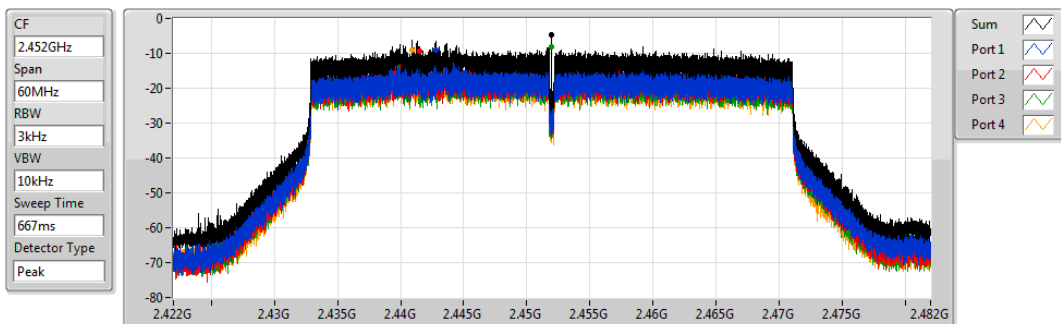
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100Hz)	(dBm/100Hz)	(dBm/100Hz)	(dBm/100Hz)	(dBm/100Hz)	(dBm/100Hz)
-2.48	-2.48	-7.31	-7.19	-5.99	-8.20

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

2452MHz

19/07/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100Hz)	(dBm/100Hz)	(dBm/100Hz)	(dBm/100Hz)	(dBm/100Hz)	(dBm/100Hz)
-4.69	-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;

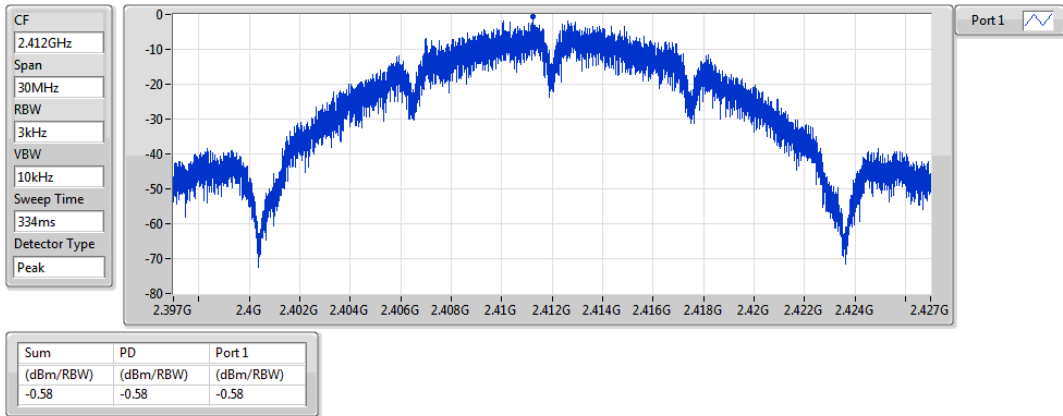
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11b_Nss1,(1Mbps)_1TX

PSD

2412MHz

19/07/2019

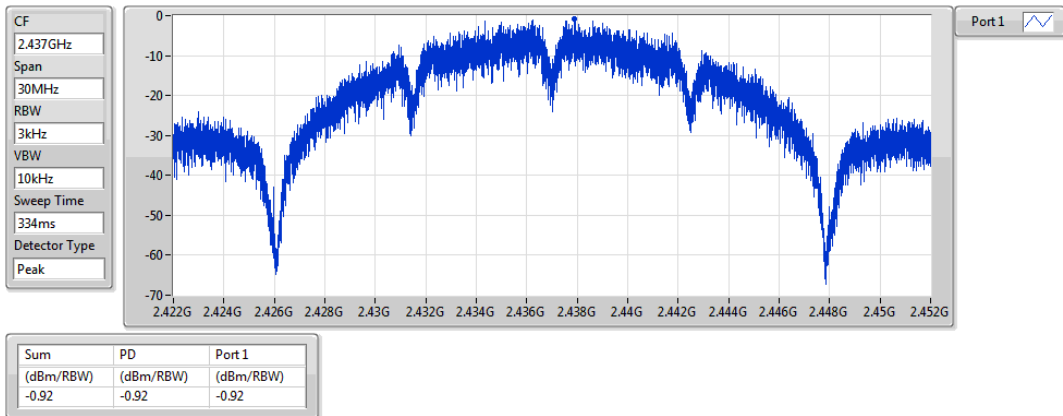


802.11b_Nss1,(1Mbps)_1TX

PSD

2437MHz

19/07/2019

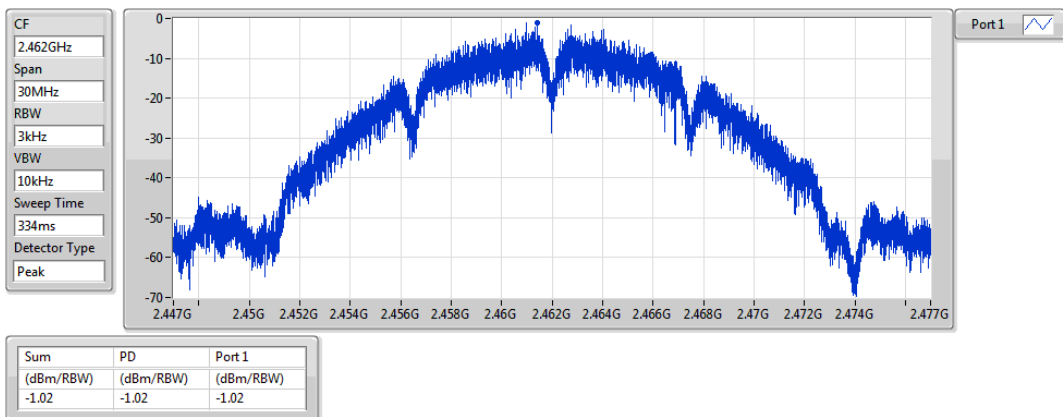


802.11b_Nss1,(1Mbps)_1TX

PSD

2462MHz

19/07/2019

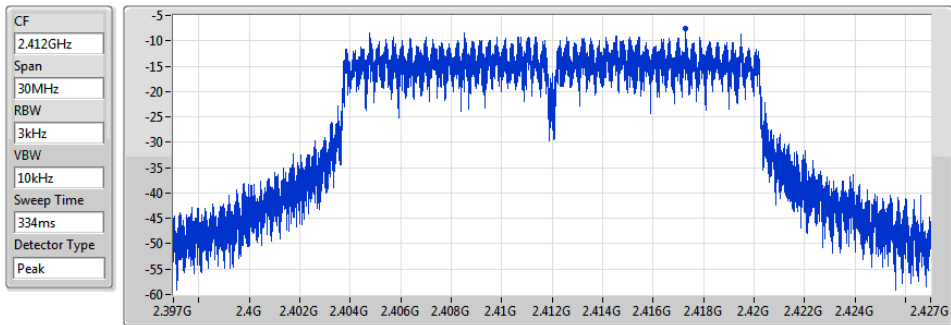


802.11g_Nss1,(6Mbps)_1TX

PSD

2412MHz

19/07/2019



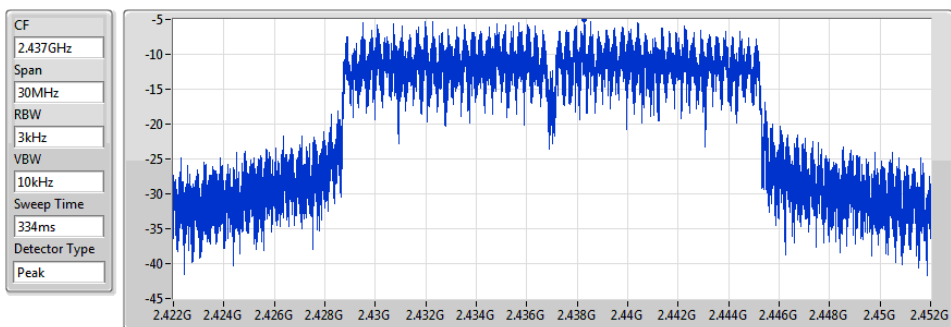
Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-7.54	-7.54	-7.54

802.11g_Nss1,(6Mbps)_1TX

PSD

2437MHz

19/07/2019



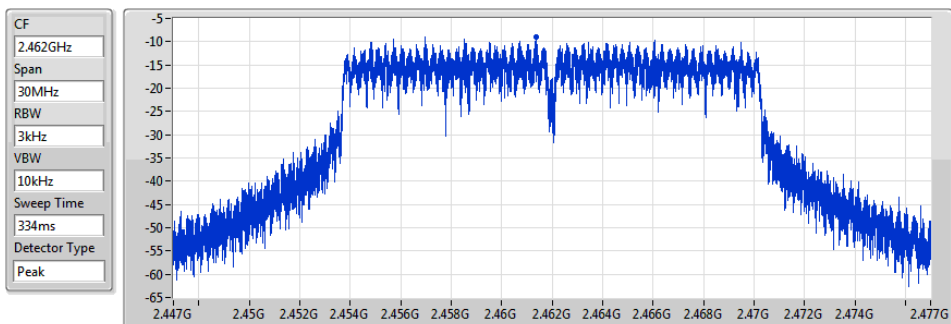
Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-5.07	-5.07	-5.07

802.11g_Nss1,(6Mbps)_1TX

PSD

2462MHz

19/07/2019



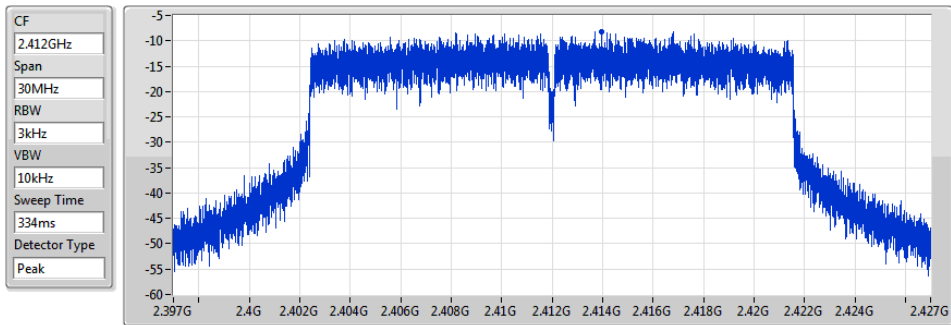
Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-8.90	-8.90	-8.90

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

2412MHz

19/07/2019



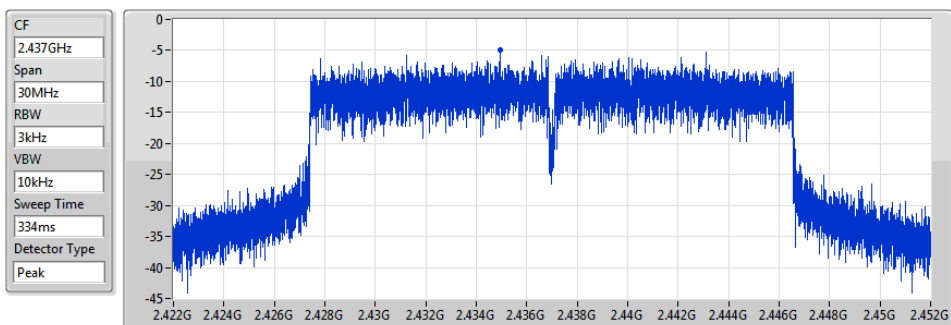
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-8.19	-8.19	-8.19

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

2437MHz

19/07/2019



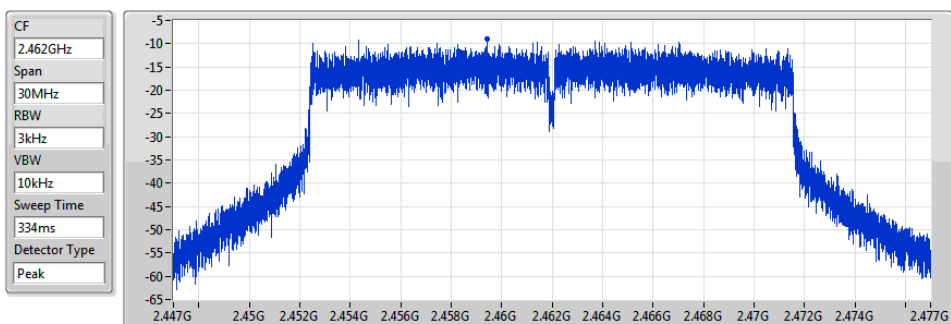
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-4.84	-4.84	-4.84

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

2462MHz

19/07/2019



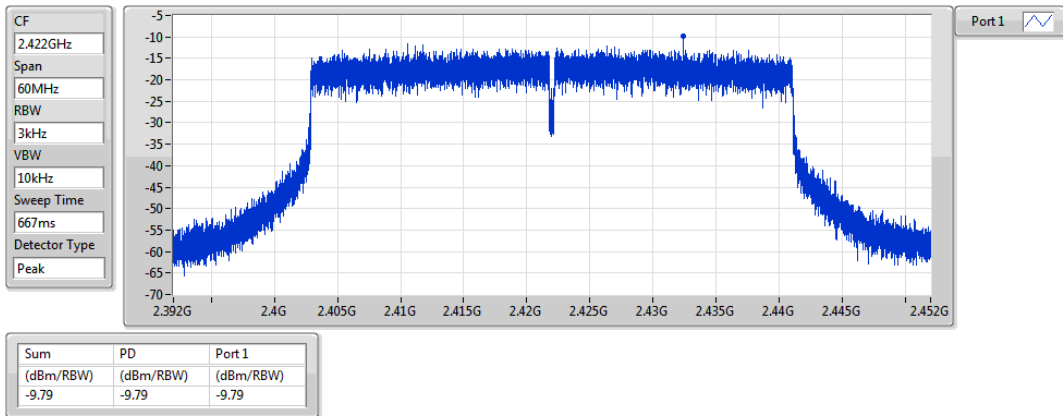
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-8.96	-8.96	-8.96

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

2422MHz

19/07/2019

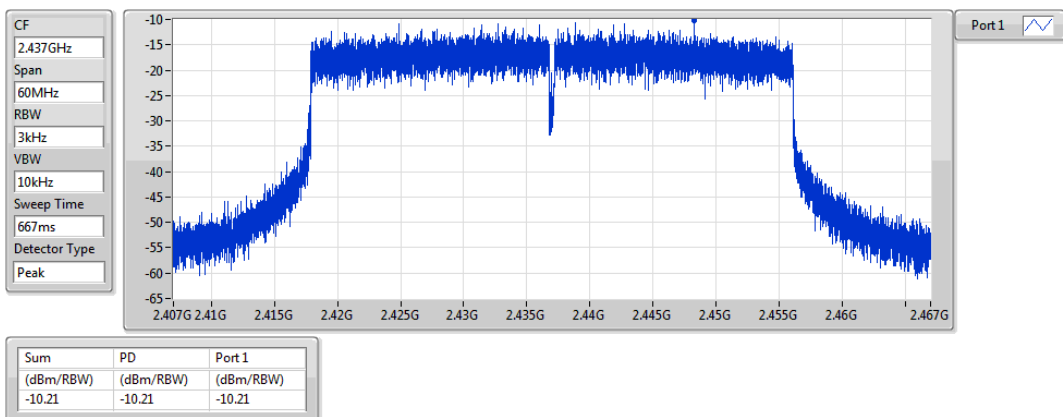


802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

2437MHz

19/07/2019

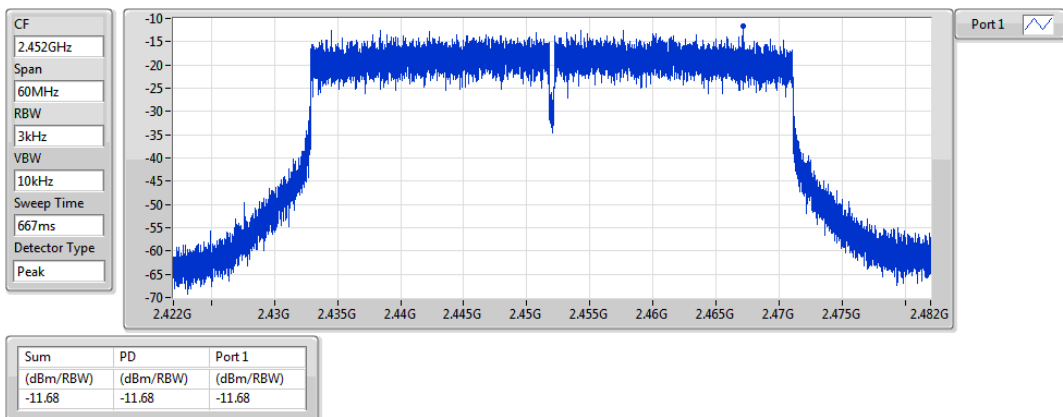


802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

2452MHz

19/07/2019





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	5.21	-1.20	-1.79	0.66	8.00
2437MHz	Pass	5.21	-0.89	-0.65	1.82	8.00
2462MHz	Pass	5.21	-1.88	-3.04	-0.29	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.21	-7.68	-7.48	-5.91	8.00
2437MHz	Pass	5.21	-5.02	-4.86	-2.64	8.00
2462MHz	Pass	5.21	-9.46	-9.05	-7.64	8.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.21	-7.38	-7.96	-5.92	8.00
2437MHz	Pass	5.21	-3.66	-4.71	-2.45	8.00
2462MHz	Pass	5.21	-8.93	-9.54	-7.02	8.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	5.21	-11.43	-10.02	-9.80	8.00
2437MHz	Pass	5.21	-10.08	-10.12	-8.42	8.00
2452MHz	Pass	5.21	-12.05	-12.08	-10.52	8.00

DG = Directional Gain; RBW=3 kHz;

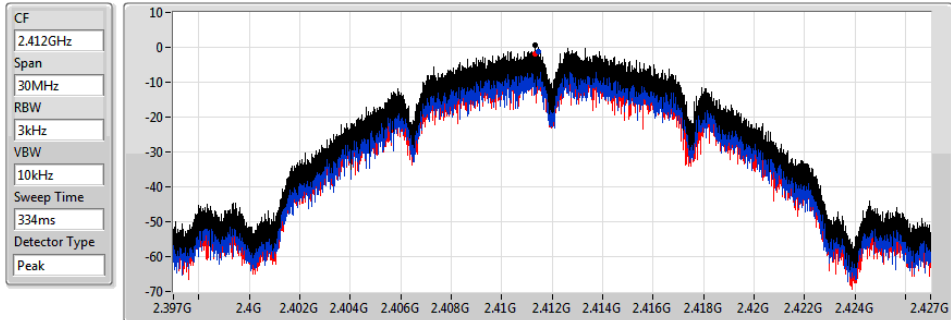
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11b_Nss1,(1Mbps)_2TX

PSD

2412MHz

19/07/2019



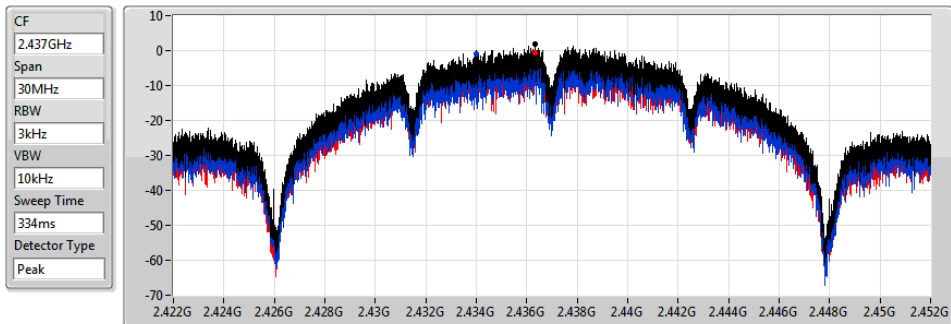
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.66	0.66	-1.20	-1.79

802.11b_Nss1,(1Mbps)_2TX

PSD

2437MHz

19/07/2019



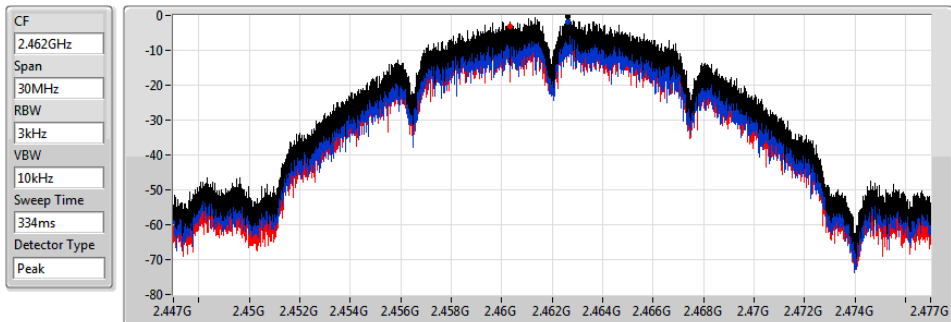
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.82	1.82	-0.89	-0.65

802.11b_Nss1,(1Mbps)_2TX

PSD

2462MHz

19/07/2019



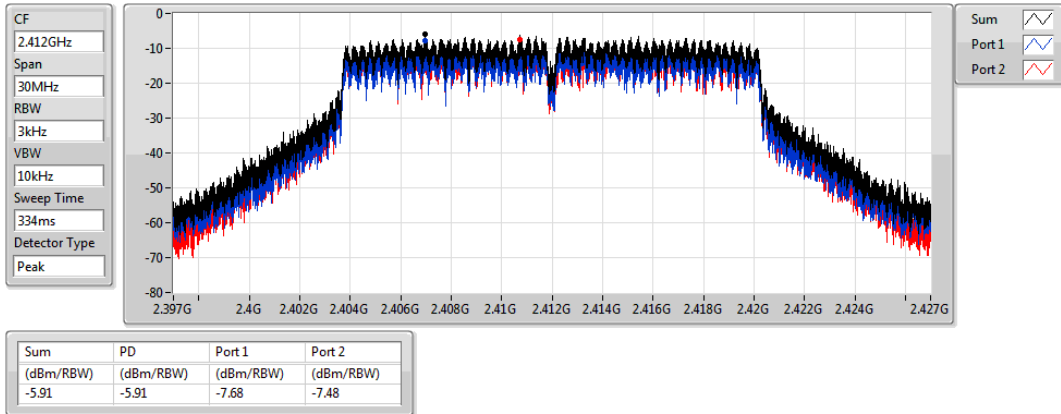
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.29	-0.29	-1.88	-3.04

802.11g_Nss1,(6Mbps)_2TX

PSD

2412MHz

19/07/2019

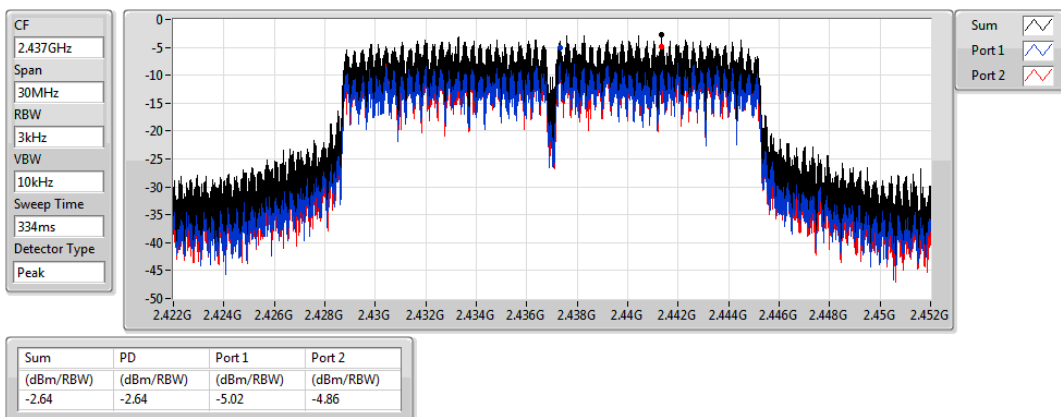


802.11g_Nss1,(6Mbps)_2TX

PSD

2437MHz

19/07/2019

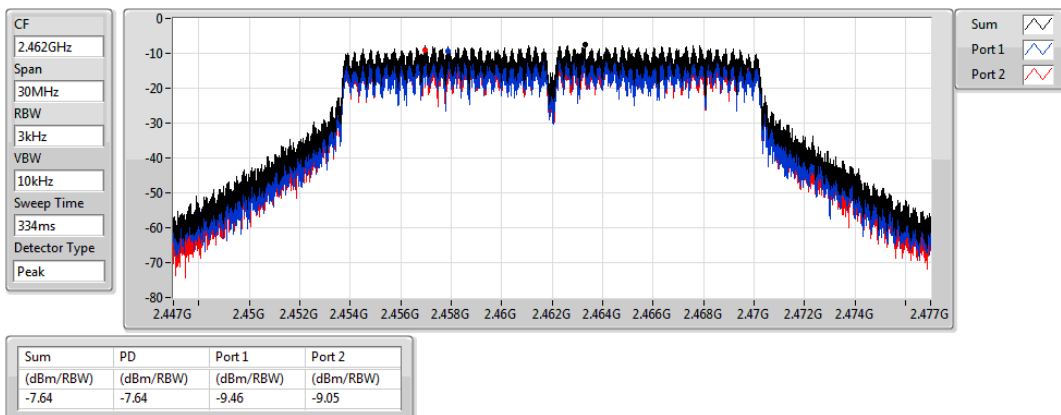


802.11g_Nss1,(6Mbps)_2TX

PSD

2462MHz

19/07/2019

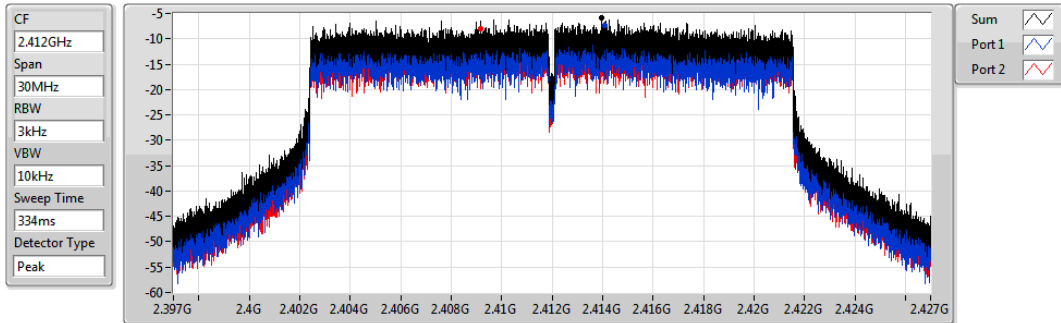


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

2412MHz

19/07/2019



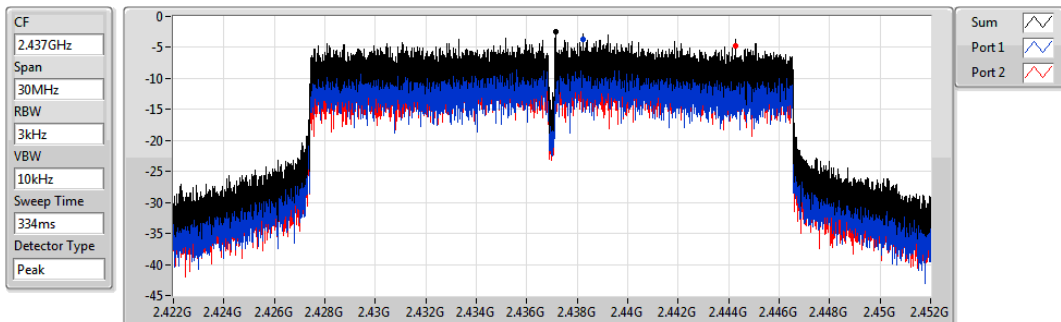
Sum	PD	Port 1	Port 2
(dBm/100Hz)	(dBm/100Hz)	(dBm/100Hz)	(dBm/100Hz)
-5.92	-5.92	-7.38	-7.96

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

2437MHz

19/07/2019



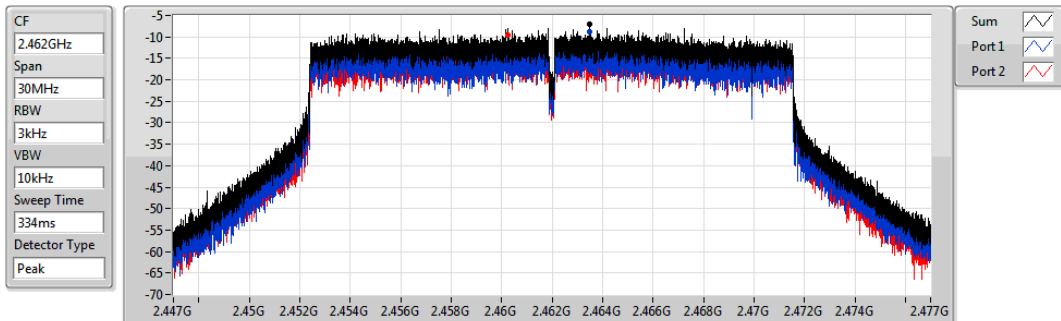
Sum	PD	Port 1	Port 2
(dBm/100Hz)	(dBm/100Hz)	(dBm/100Hz)	(dBm/100Hz)
-2.45	-2.45	-3.66	-4.71

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

2462MHz

19/07/2019



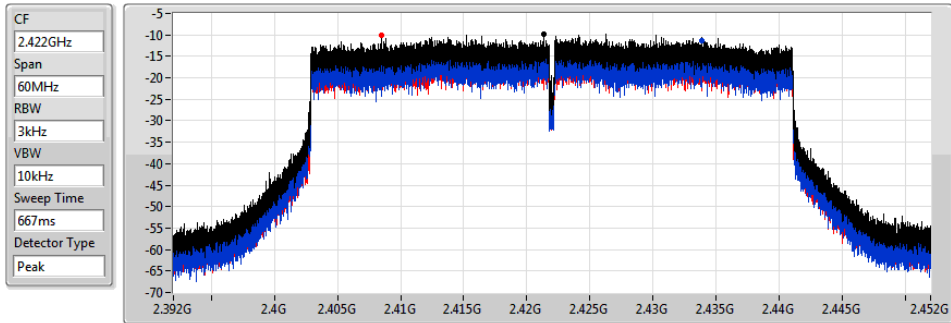
Sum	PD	Port 1	Port 2
(dBm/100Hz)	(dBm/100Hz)	(dBm/100Hz)	(dBm/100Hz)
-7.02	-7.02	-8.93	-9.54

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

2422MHz

19/07/2019



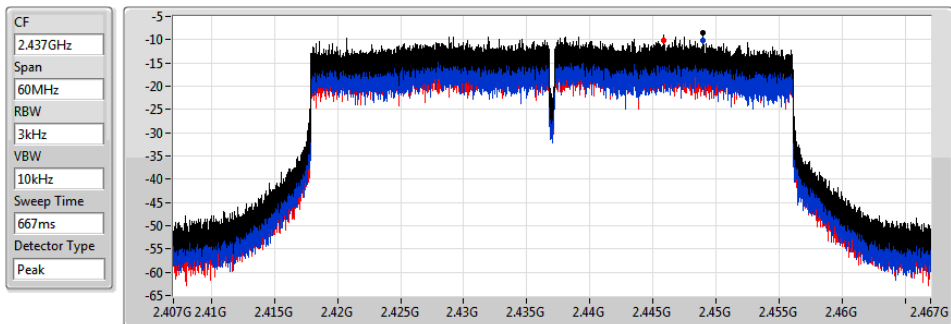
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.80	-9.80	-11.43	-10.02

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

2437MHz

19/07/2019



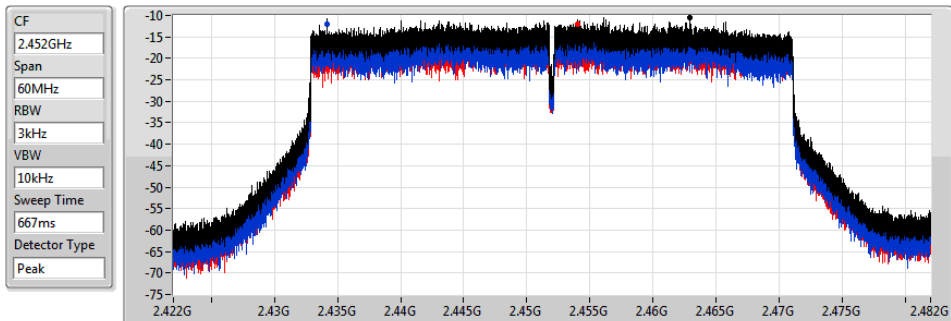
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.42	-8.42	-10.08	-10.12

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

2452MHz

19/07/2019



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.52	-10.52	-12.05	-12.08

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	5.21	-3.79	-5.22	-3.29	8.00
2437MHz	Pass	5.21	-5.30	-5.11	-2.97	8.00
2462MHz	Pass	5.21	-4.45	-4.30	-3.00	8.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	5.21	-5.28	-7.48	-4.56	8.00
2437MHz	Pass	5.21	-5.21	-6.77	-3.99	8.00
2452MHz	Pass	5.21	-5.59	-5.90	-4.51	8.00

DG = Directional Gain; RBW=3 kHz;

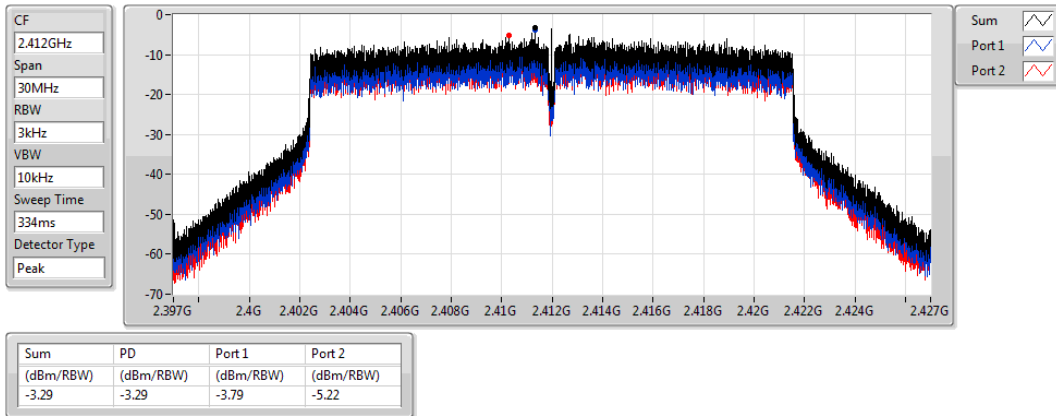
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

2412MHz

19/07/2019

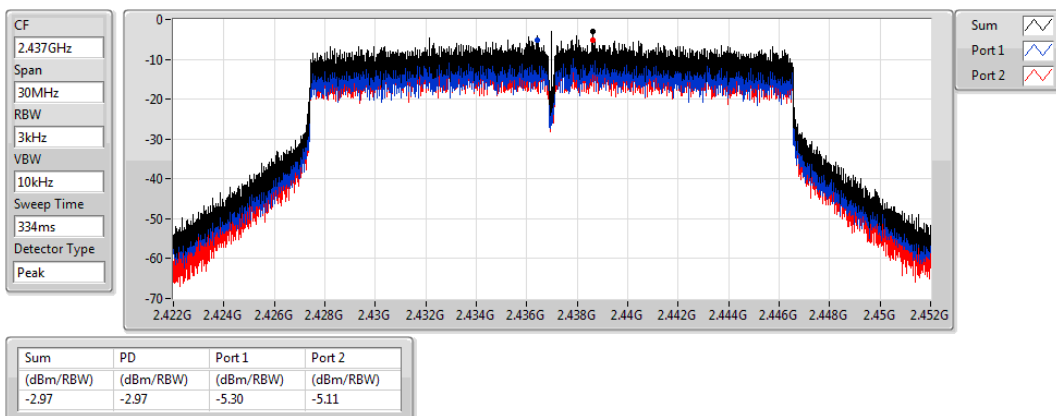


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

2437MHz

19/07/2019

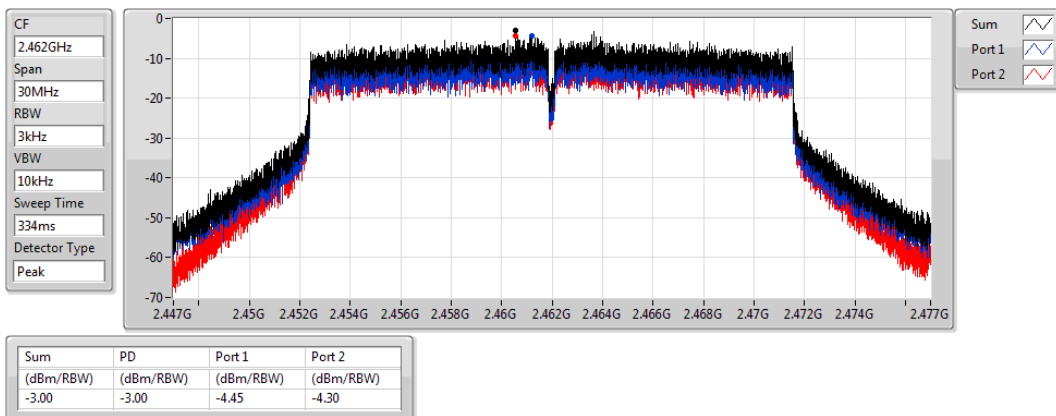


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

2462MHz

19/07/2019

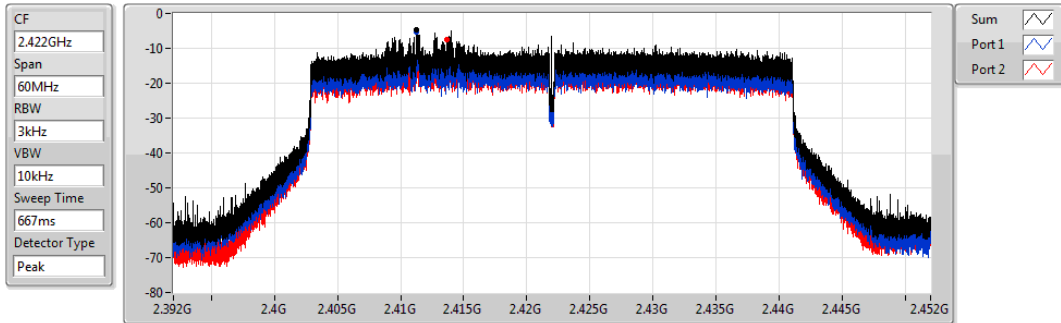


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

2422MHz

19/07/2019



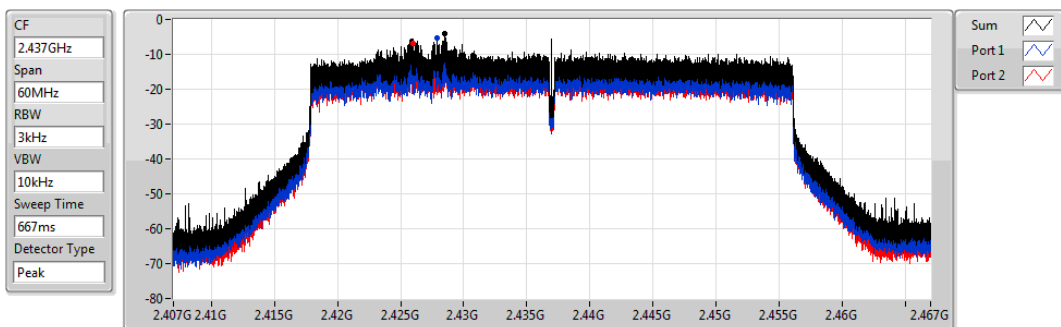
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.56	-4.56	-5.28	-7.48

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

2437MHz

19/07/2019



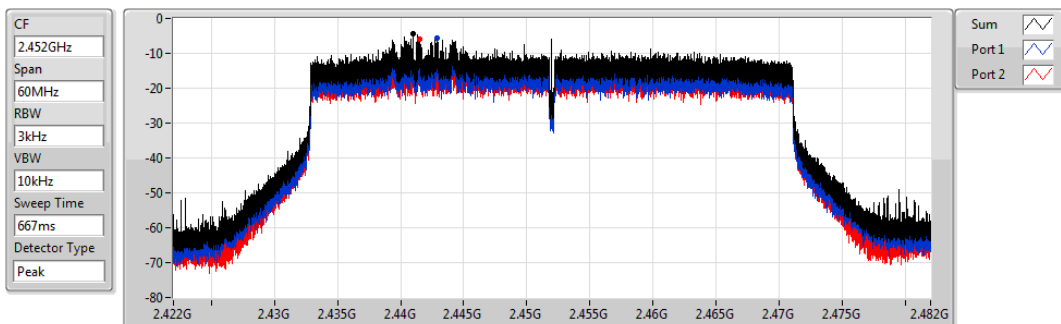
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.99	-3.99	-5.21	-6.77

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

2452MHz

19/07/2019



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.51	-4.51	-5.59	-5.90



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	8.22	-1.94	-1.43	-1.87	-1.55	3.10	5.78
2437MHz	Pass	8.22	-1.78	-0.09	-0.29	-0.37	4.04	5.78
2462MHz	Pass	8.22	-2.43	-2.63	-2.19	-1.24	2.88	5.78
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	8.22	-8.86	-8.88	-8.63	-8.41	-4.29	5.78
2437MHz	Pass	8.22	-4.17	-3.63	-4.87	-3.91	-0.52	5.78
2462MHz	Pass	8.22	-8.82	-9.16	-8.61	-7.51	-4.68	5.78
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	8.22	-8.55	-7.73	-7.33	-6.50	-4.12	5.78
2437MHz	Pass	8.22	-5.03	-4.70	-5.12	-4.43	-1.51	5.78
2462MHz	Pass	8.22	-7.61	-8.04	-8.84	-9.41	-4.41	5.78
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	8.22	-11.38	-11.26	-10.06	-10.54	-6.98	5.78
2437MHz	Pass	8.22	-10.06	-10.35	-10.70	-10.29	-7.03	5.78
2452MHz	Pass	8.22	-13.53	-13.60	-13.45	-13.06	-9.77	5.78

DG = Directional Gain; RBW=3 kHz;

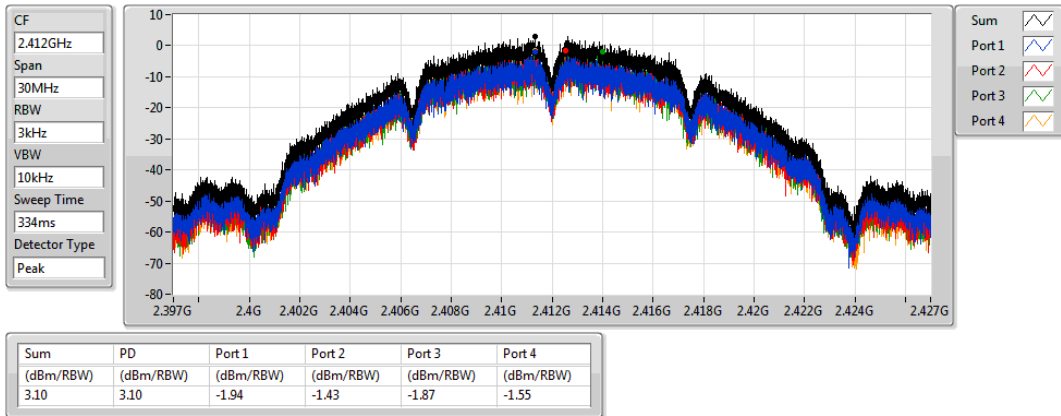
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11b_Nss1,(1Mbps)_4TX

2412MHz

PSD

19/07/2019

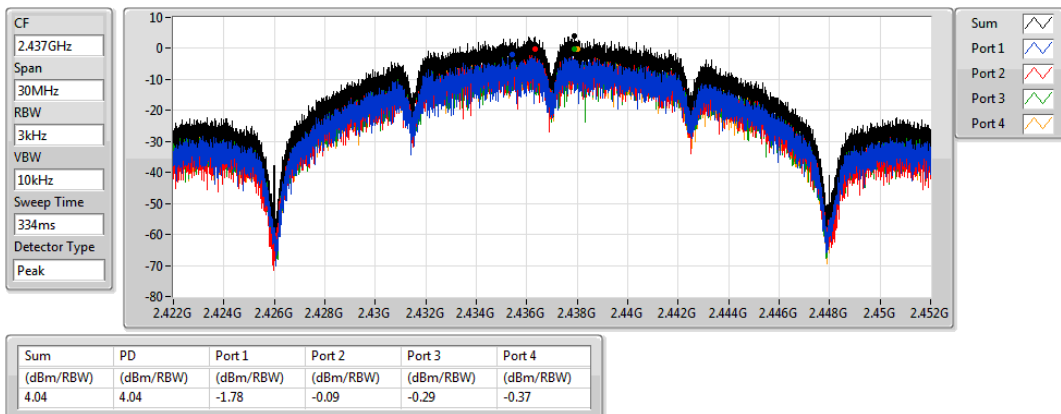


802.11b_Nss1,(1Mbps)_4TX

2437MHz

PSD

19/07/2019

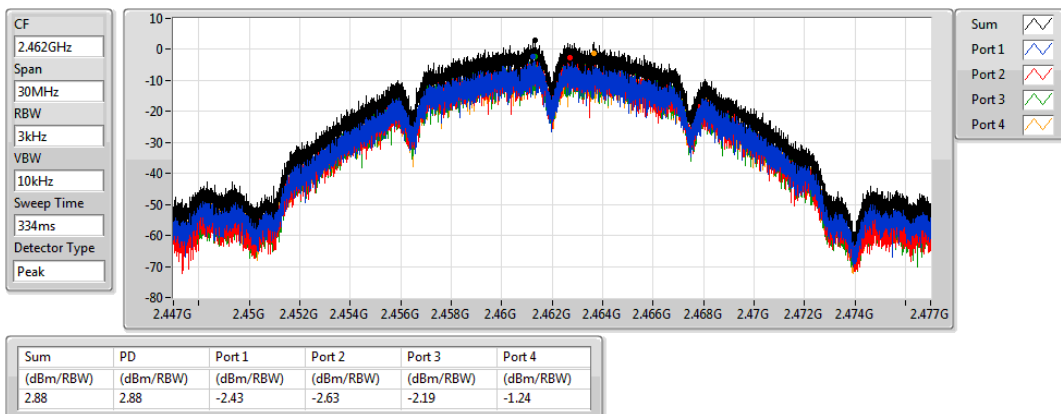


802.11b_Nss1,(1Mbps)_4TX

2462MHz

PSD

19/07/2019

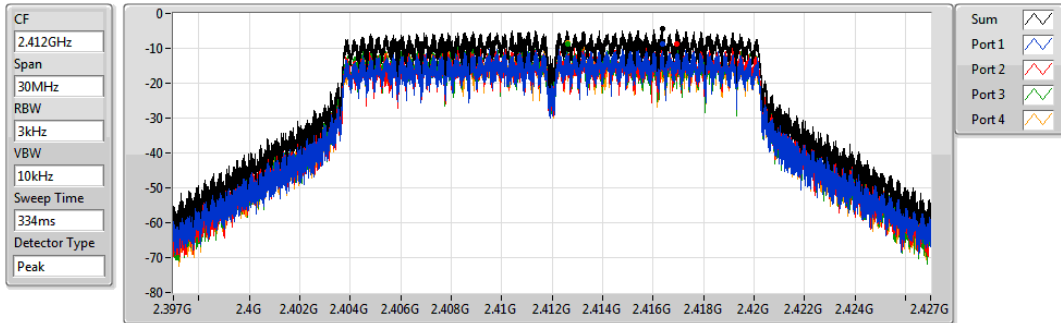


802.11g_Nss1,(6Mbps)_4TX

PSD

2412MHz

19/07/2019



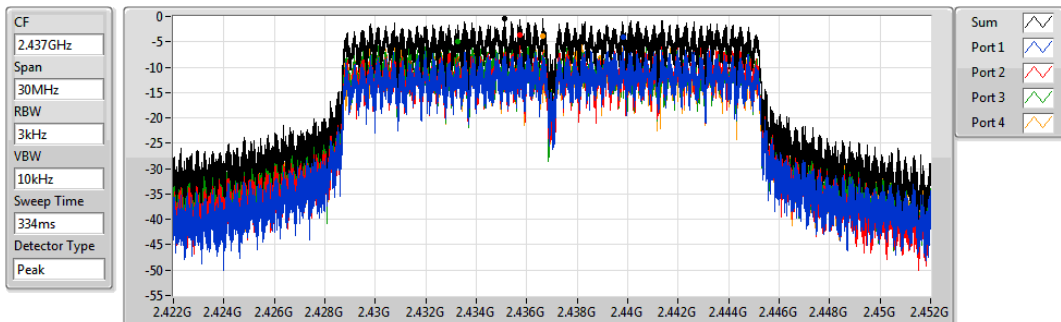
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.29	-4.29	-8.86	-8.88	-8.63	-8.41

802.11g_Nss1,(6Mbps)_4TX

PSD

2437MHz

19/07/2019



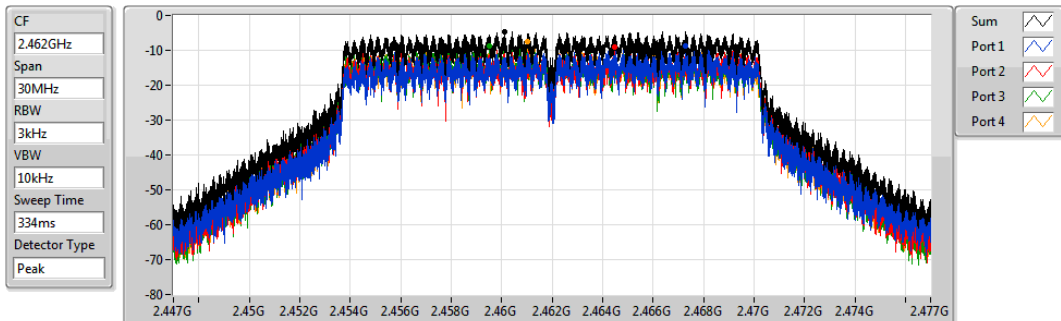
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.52	-0.52	-4.17	-3.63	-4.87	-3.91

802.11g_Nss1,(6Mbps)_4TX

PSD

2462MHz

19/07/2019



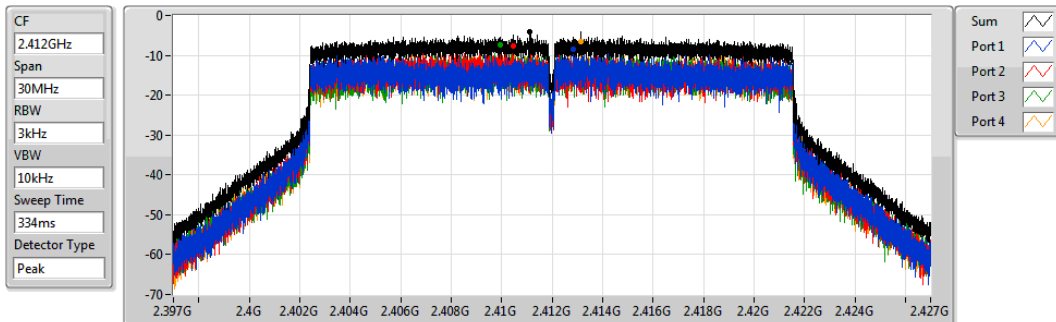
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.68	-4.68	-8.82	-9.16	-8.61	-7.51

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

2412MHz

19/07/2019



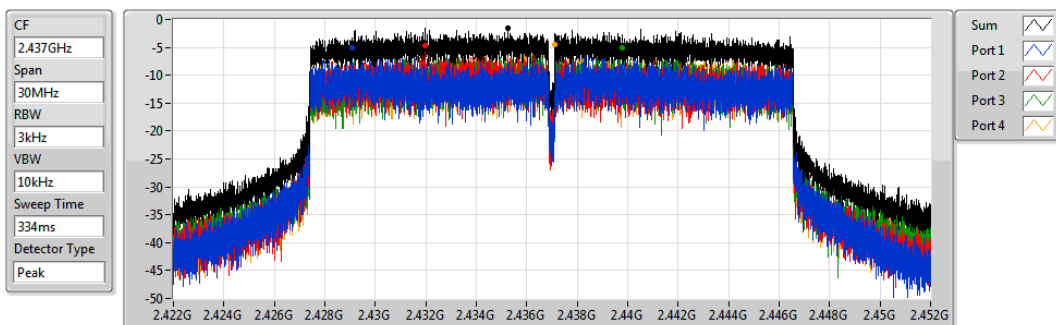
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.12	-4.12	-8.55	-7.73	-7.33	-6.50

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

2437MHz

19/07/2019



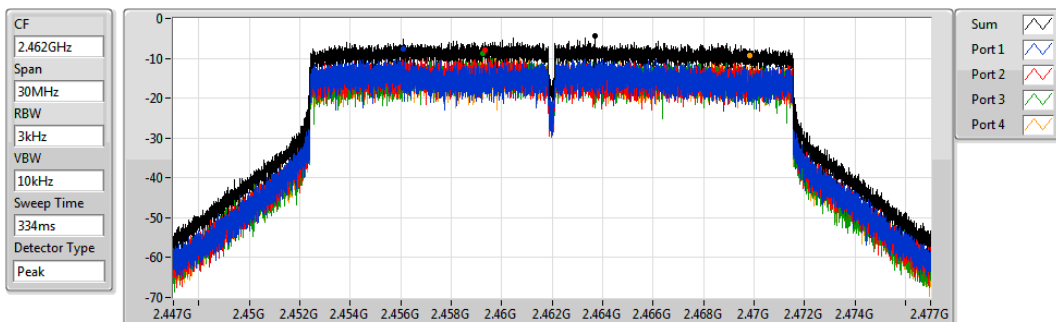
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.51	-1.51	-5.03	-4.70	-5.12	-4.43

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

2462MHz

19/07/2019



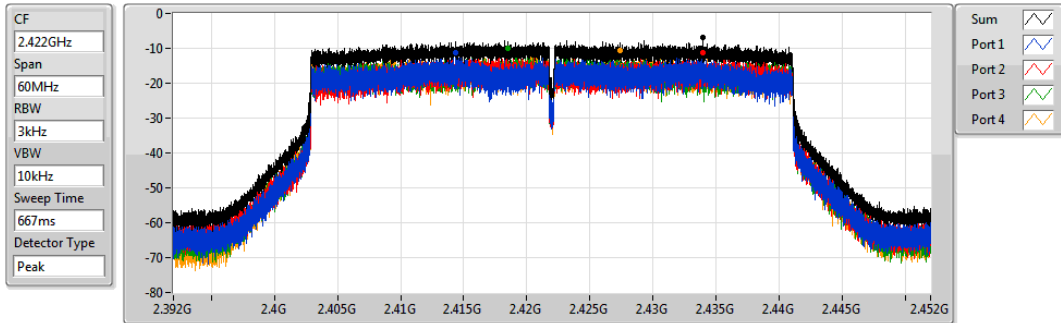
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.41	-4.41	-7.61	-8.04	-8.84	-9.41

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

2422MHz

19/07/2019



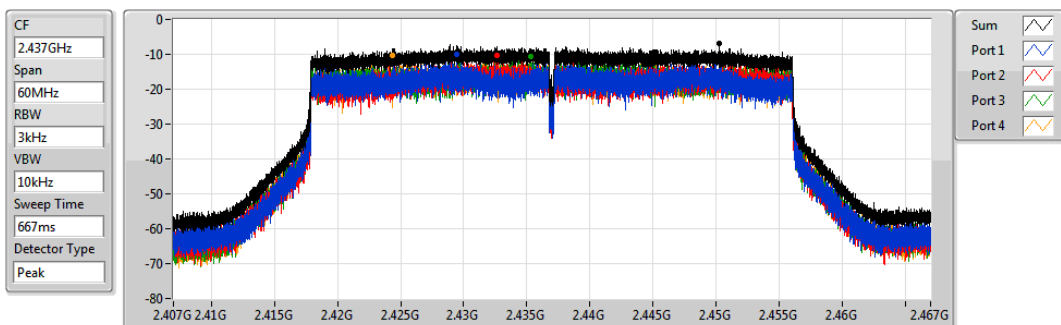
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.98	-6.98	-11.38	-11.26	-10.06	-10.54

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

2437MHz

19/07/2019



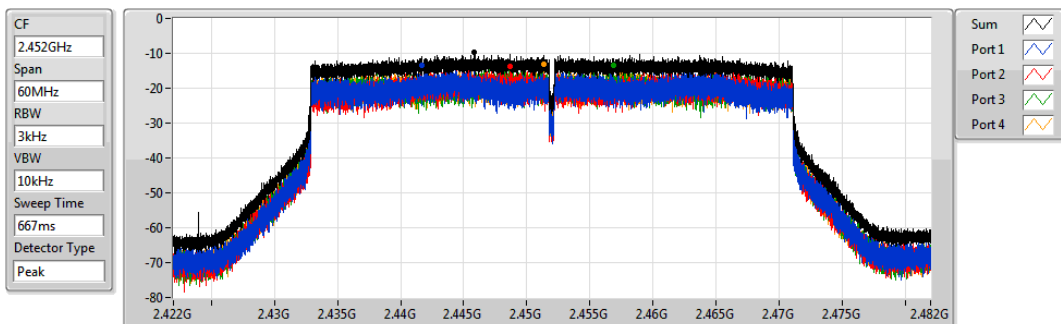
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.03	-7.03	-10.06	-10.35	-10.70	-10.29

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

2452MHz

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)
-9.77	-9.77	-13.53	-13.60	-13.45	-13.06

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	8.22	-4.47	-5.05	-3.54	-5.63	-1.37	5.78
2437MHz	Pass	8.22	-5.48	-6.43	-4.03	-4.99	-1.27	5.78
2462MHz	Pass	8.22	-3.42	-3.71	-1.86	-5.28	-0.43	5.78
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	8.22	-4.29	-6.41	-6.32	-7.82	-3.31	5.78
2437MHz	Pass	8.22	-6.23	-5.42	-6.60	-3.66	-2.13	5.78
2452MHz	Pass	8.22	-7.87	-6.49	-5.70	-6.88	-3.52	5.78

DG = Directional Gain; RBW=3 kHz;

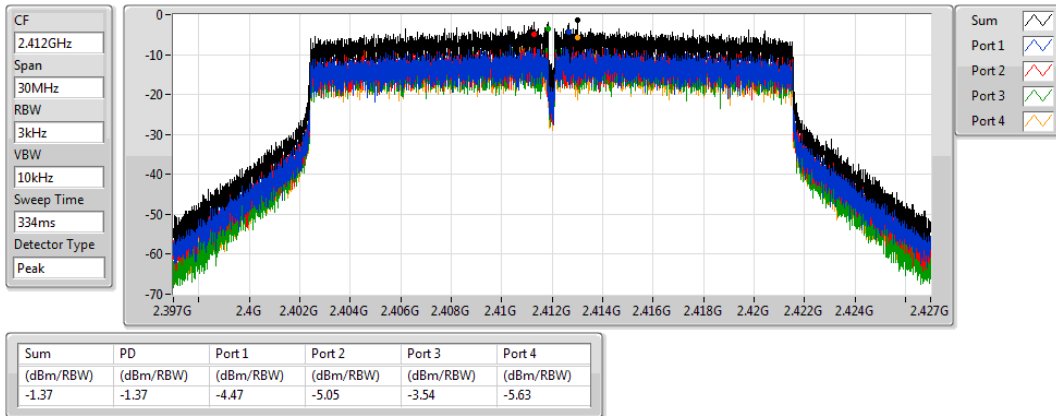
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

2412MHz

19/07/2019

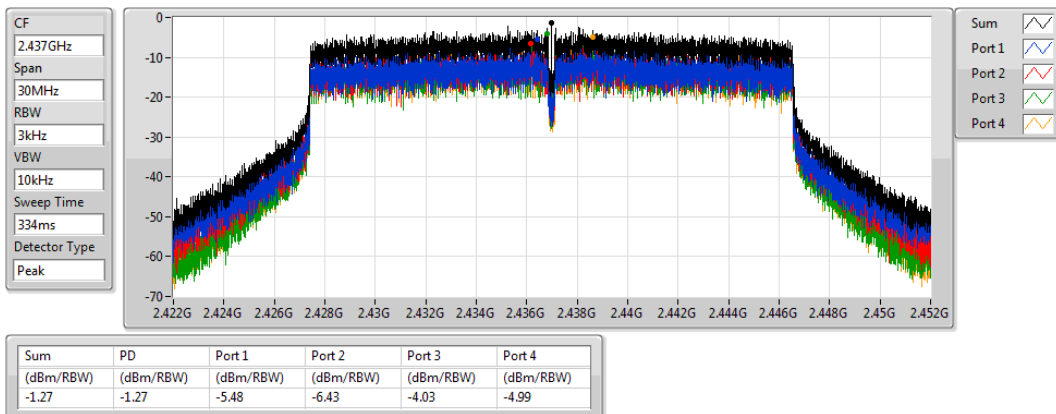


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

2437MHz

19/07/2019

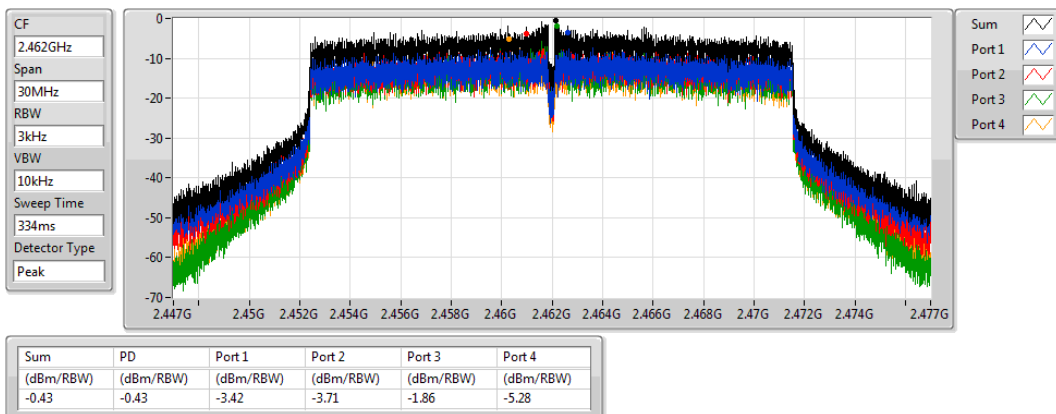


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

2462MHz

19/07/2019

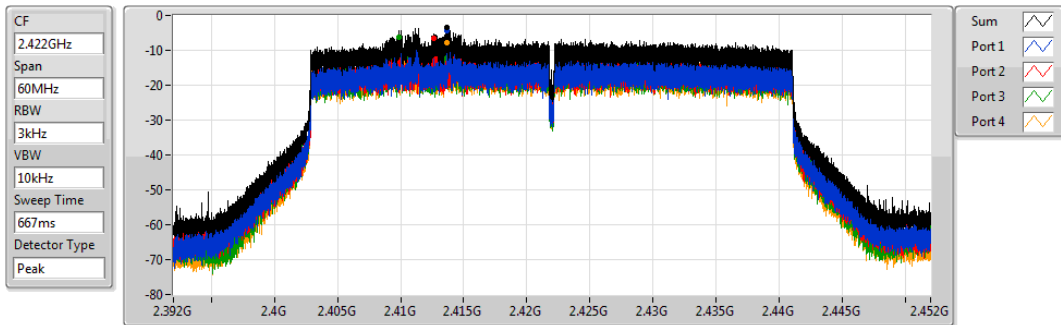


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

2422MHz

19/07/2019



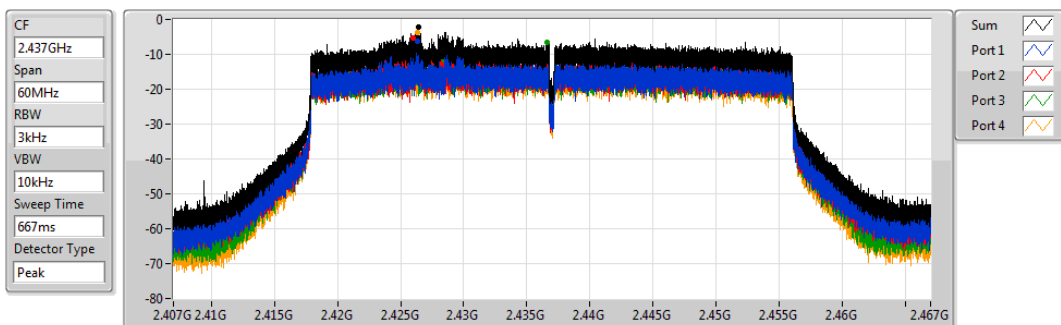
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.31	-3.31	-4.29	-6.41	-6.32	-7.82

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

2437MHz

19/07/2019



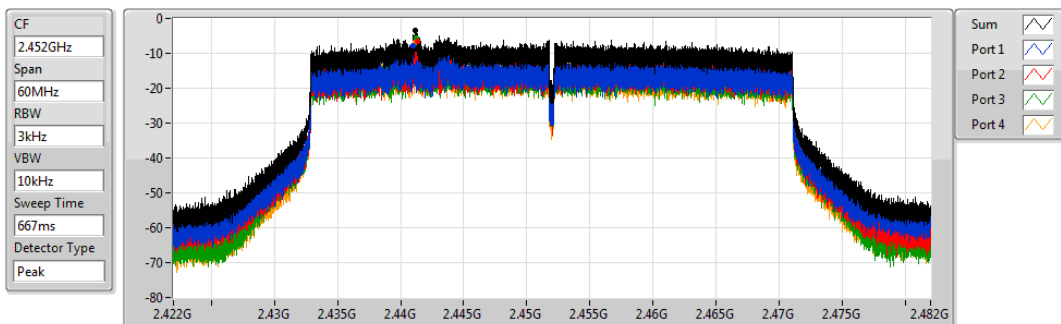
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.13	-2.13	-6.23	-5.42	-6.60	-3.66

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

2452MHz

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)
-3.52	-3.52	-7.87	-6.49	-5.70	-6.88



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;

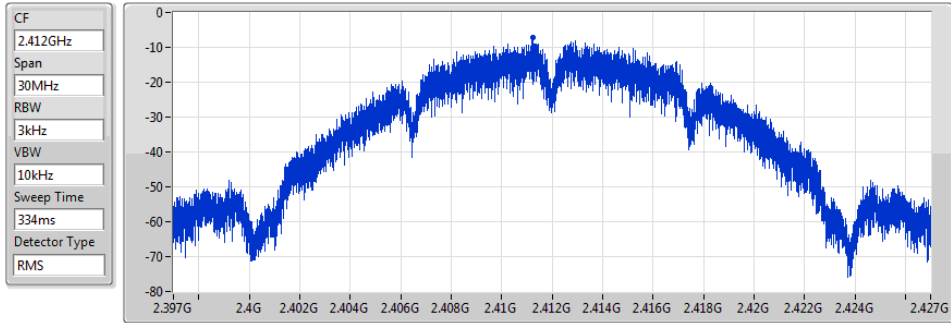
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11b_Nss1,(1Mbps)_1TX

PSD

2412MHz

09/07/2019



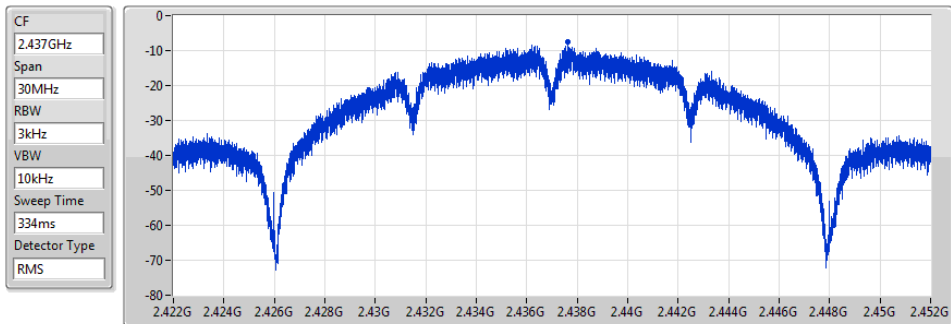
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.13	-7.13	-7.13

802.11b_Nss1,(1Mbps)_1TX

PSD

2437MHz

09/07/2019



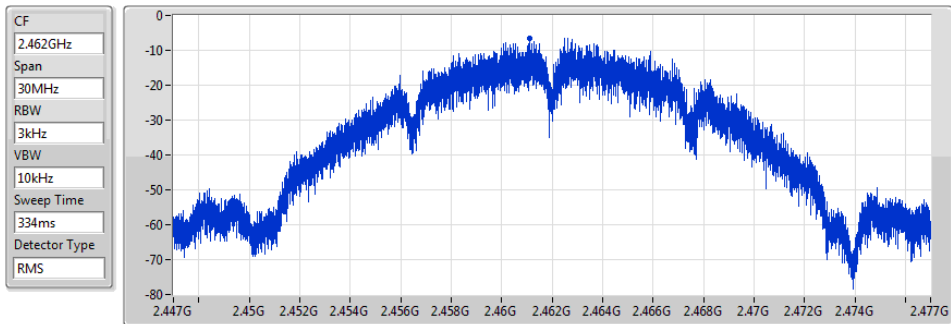
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.56	-7.56	-7.56

802.11b_Nss1,(1Mbps)_1TX

PSD

2462MHz

09/07/2019



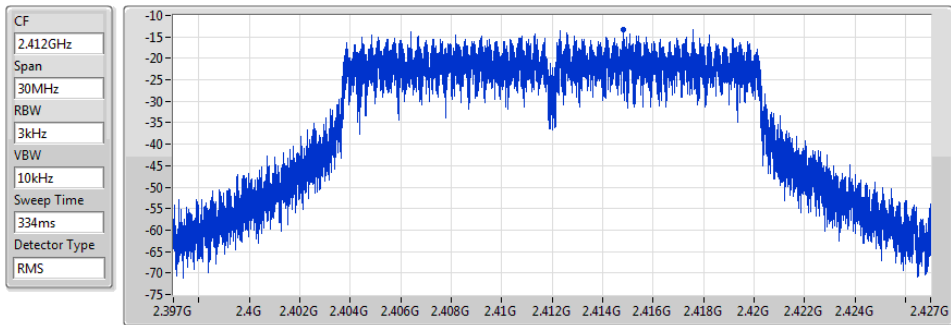
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.42	-6.42	-6.42

802.11g_Nss1,(6Mbps)_1TX

PSD

2412MHz

09/07/2019



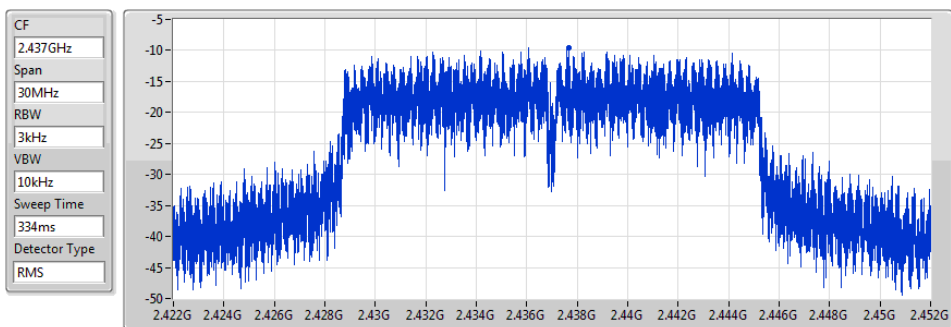
Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-13.21	-13.21	-13.21

802.11g_Nss1,(6Mbps)_1TX

PSD

2437MHz

09/07/2019



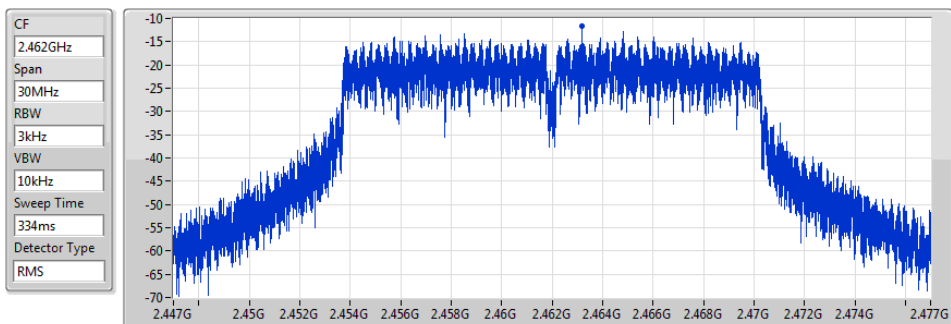
Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-9.57	-9.57	-9.57

802.11g_Nss1,(6Mbps)_1TX

PSD

2462MHz

09/07/2019



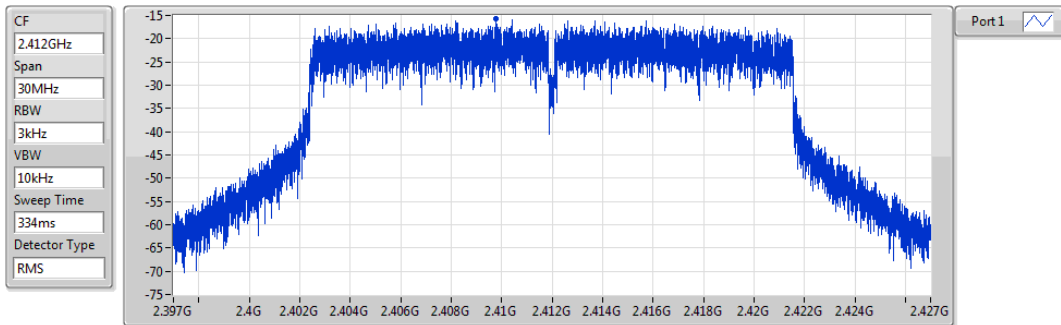
Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-11.72	-11.72	-11.72

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

2412MHz

09/07/2019



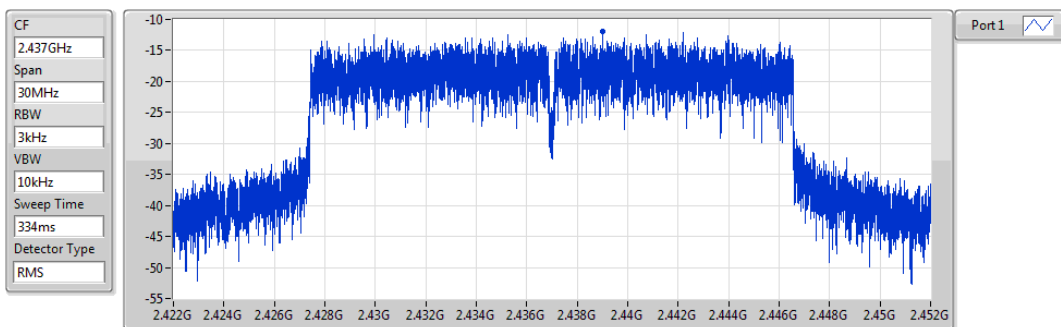
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-15.81	-15.81	-15.81

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

2437MHz

09/07/2019



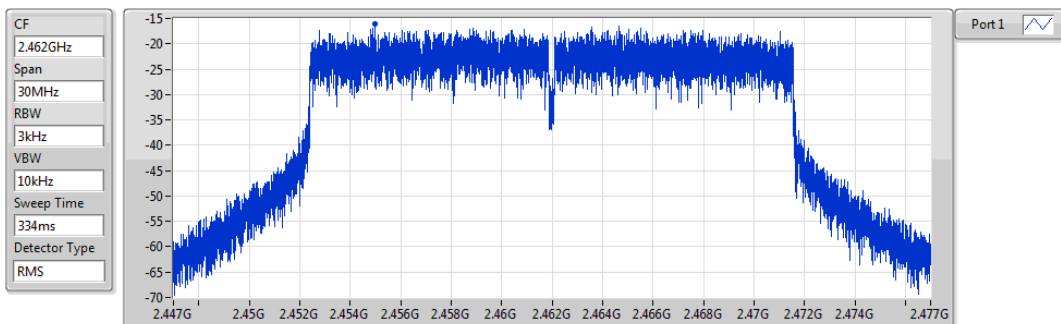
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-12.02	-12.02	-12.02

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

2462MHz

09/07/2019



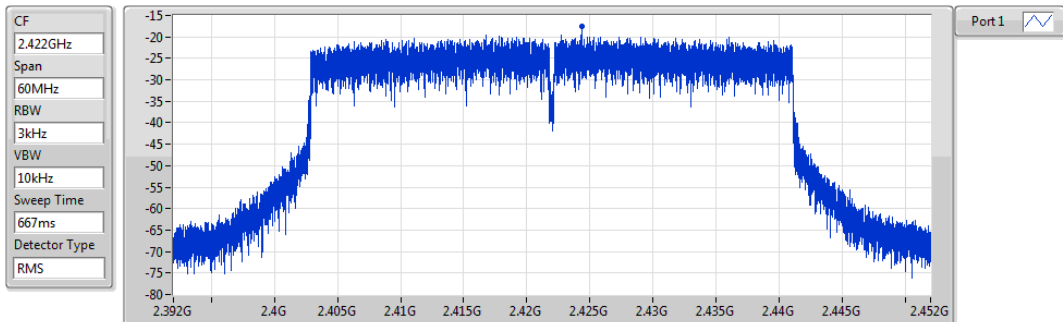
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-16.11	-16.11	-16.11

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

2422MHz

09/07/2019



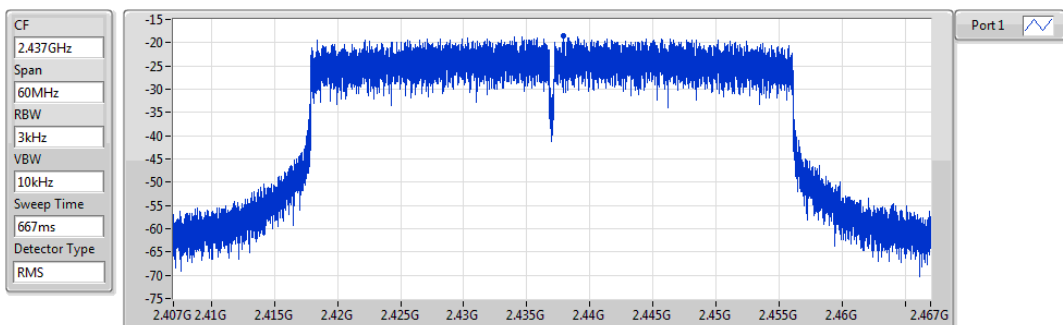
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-17.53	-17.53	-17.53

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

2437MHz

09/07/2019



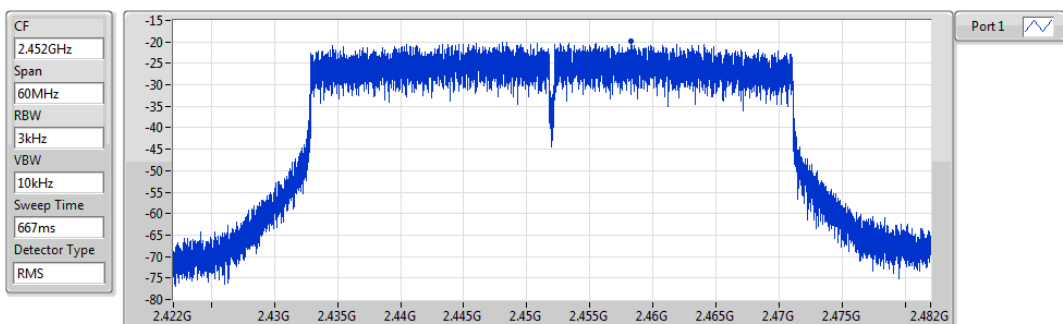
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-18.61	-18.61	-18.61

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

2452MHz

09/07/2019



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-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	9.31	-7.19	-6.11	-4.06	4.69
2437MHz	Pass	9.31	-5.06	-4.62	-2.99	4.69
2462MHz	Pass	9.31	-4.31	-3.40	-2.91	4.69
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	9.31	-12.07	-12.52	-9.64	4.69
2437MHz	Pass	9.31	-8.90	-7.67	-5.94	4.69
2462MHz	Pass	9.31	-13.42	-13.32	-11.16	4.69
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	9.31	-15.35	-15.83	-13.65	4.69
2437MHz	Pass	9.31	-11.13	-11.38	-10.04	4.69
2462MHz	Pass	9.31	-14.99	-15.32	-13.45	4.69
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	9.31	-18.02	-18.61	-16.55	4.69
2437MHz	Pass	9.31	-17.68	-17.49	-15.47	4.69
2452MHz	Pass	9.31	-20.23	-20.14	-18.83	4.69

DG = Directional Gain; RBW=3 kHz;

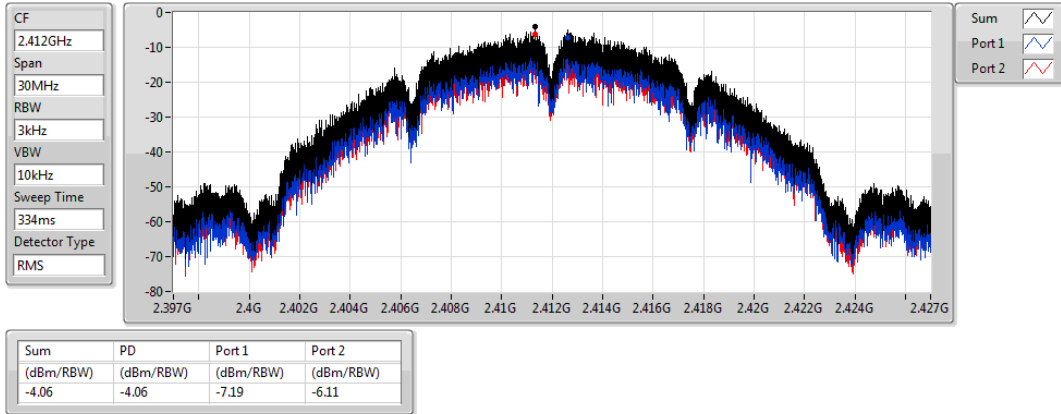
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11b_Nss1,(1Mbps)_2TX

PSD

2412MHz

08/07/2019

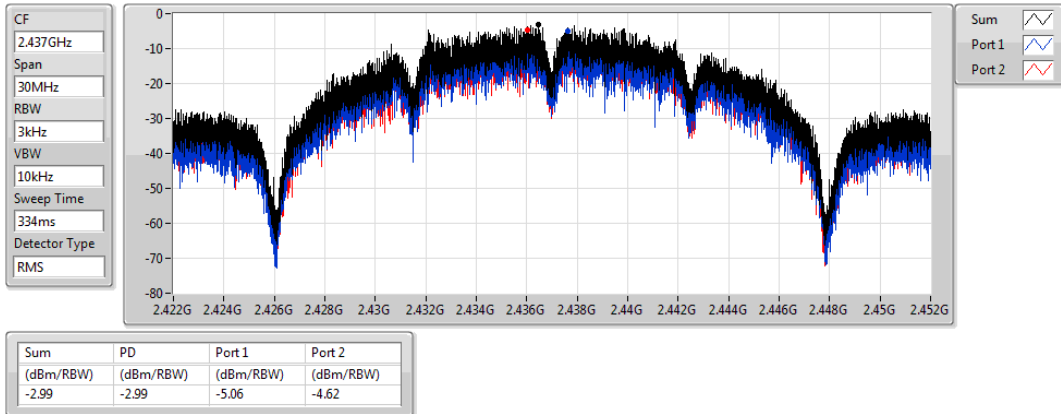


802.11b_Nss1,(1Mbps)_2TX

PSD

2437MHz

08/07/2019

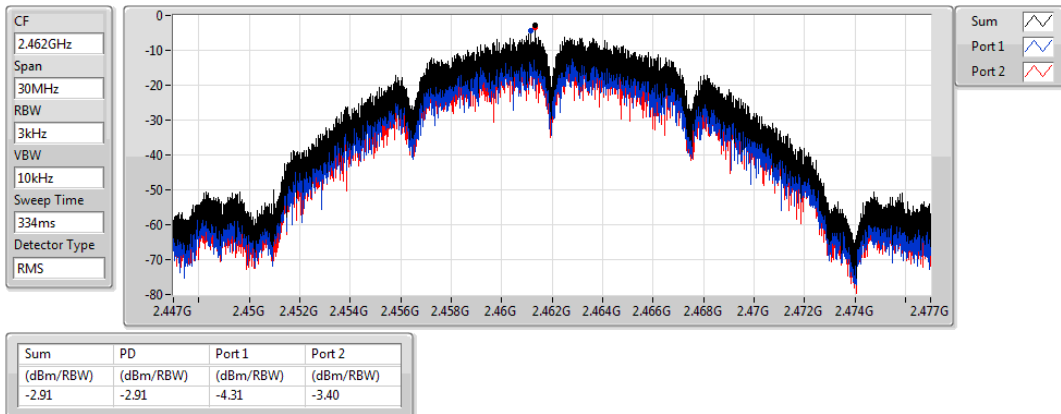


802.11b_Nss1,(1Mbps)_2TX

PSD

2462MHz

08/07/2019

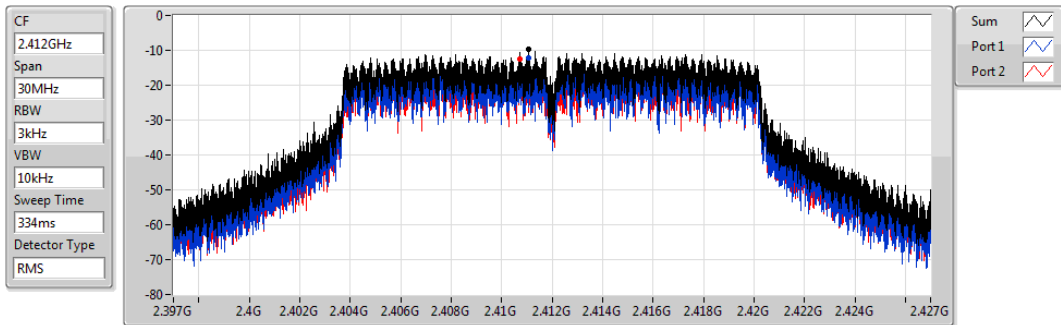


802.11g_Nss1,(6Mbps)_2TX

PSD

2412MHz

08/07/2019



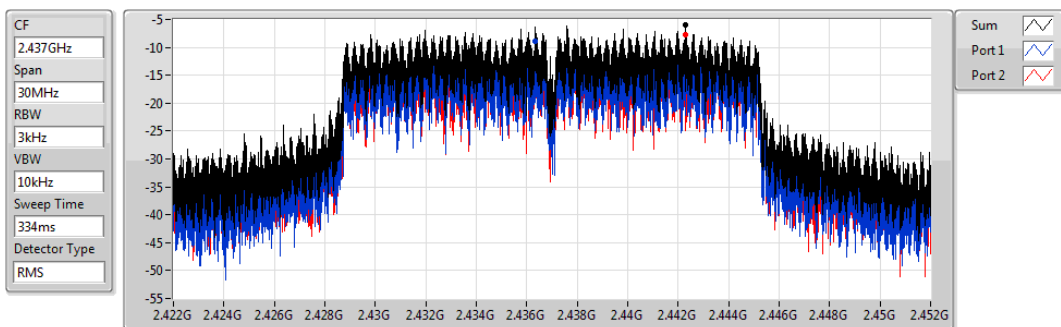
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.64	-9.64	-12.07	-12.52

802.11g_Nss1,(6Mbps)_2TX

PSD

2437MHz

08/07/2019



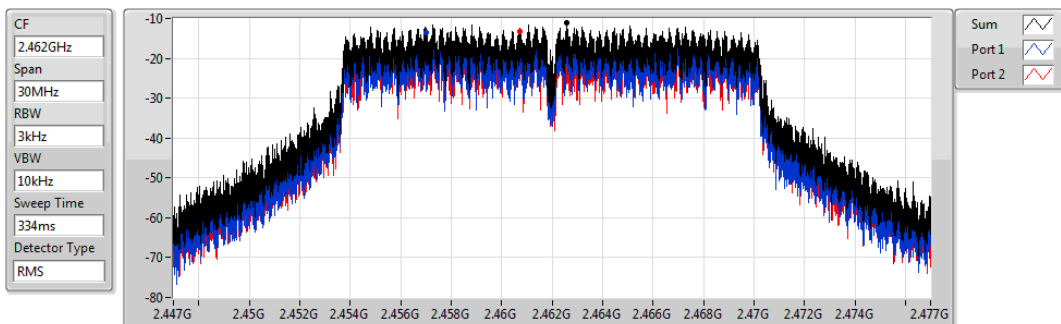
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.94	-5.94	-8.90	-7.67

802.11g_Nss1,(6Mbps)_2TX

PSD

2462MHz

08/07/2019



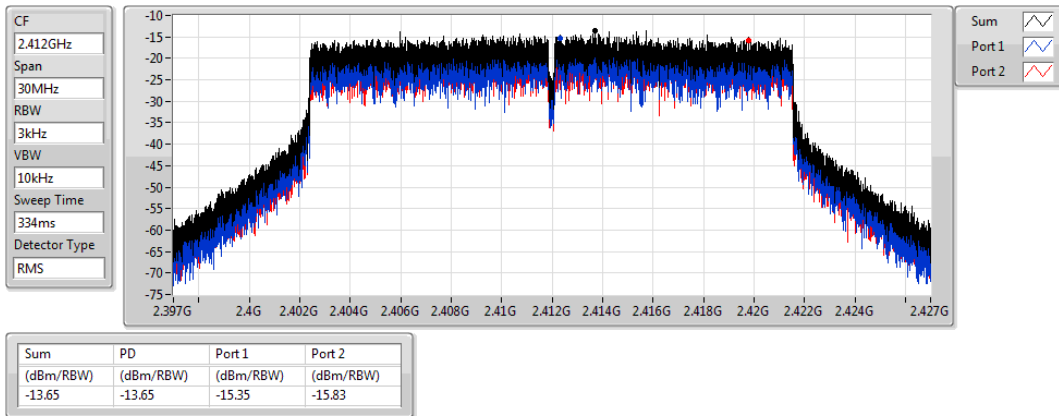
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.16	-11.16	-13.42	-13.32

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

2412MHz

08/07/2019

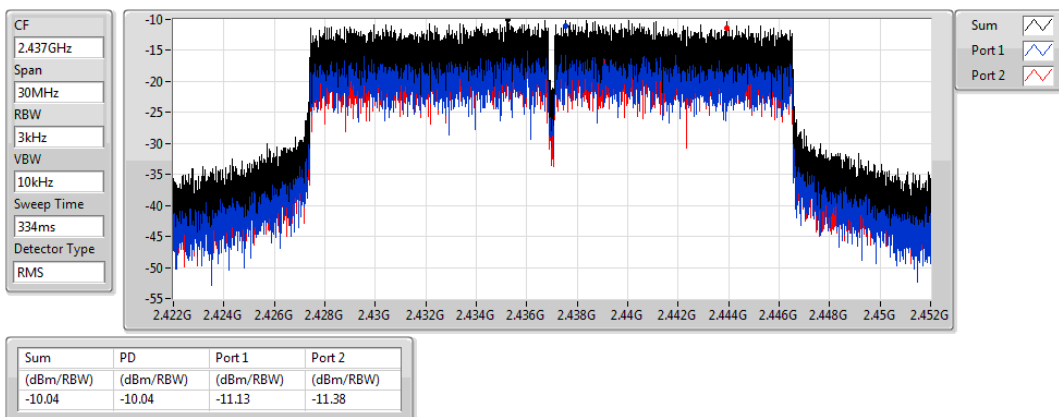


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

2437MHz

08/07/2019

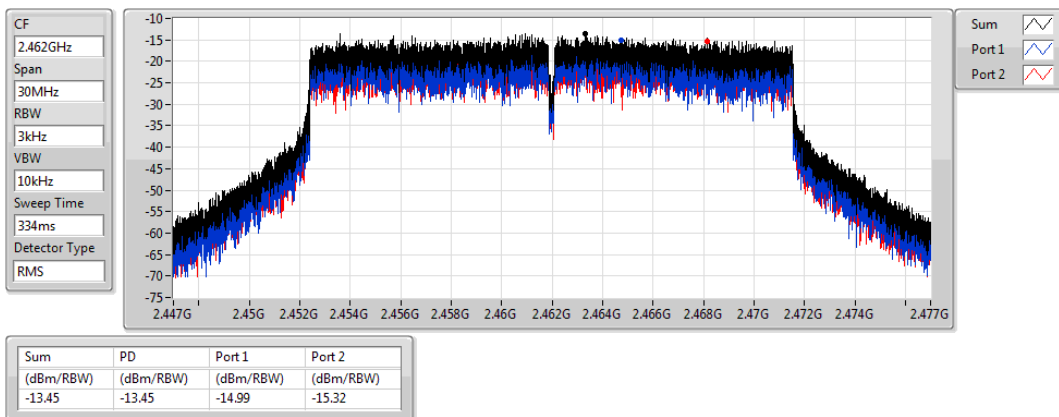


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

2462MHz

08/07/2019

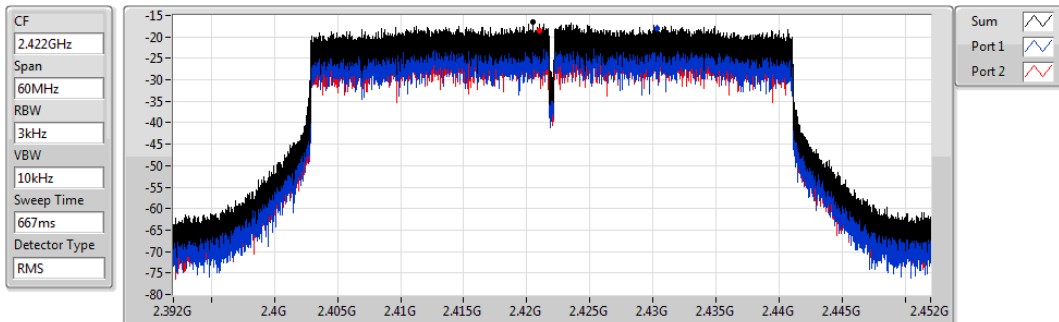


802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

2422MHz

08/07/2019



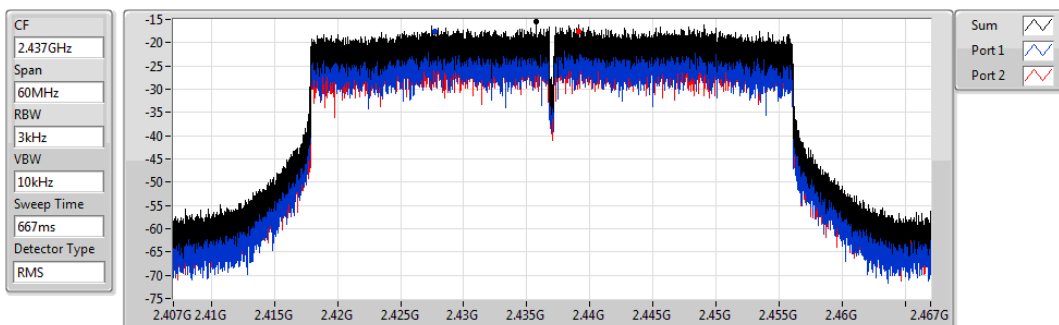
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-16.55	-16.55	-18.02	-18.61

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

2437MHz

08/07/2019



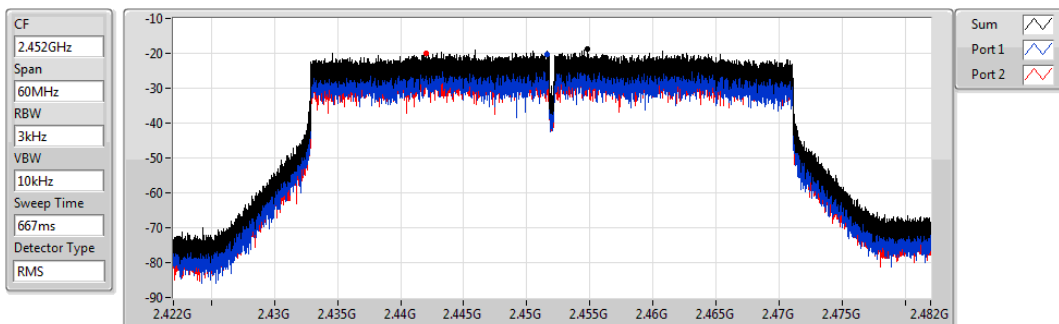
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-15.47	-15.47	-17.68	-17.49

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

2452MHz

08/07/2019



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-18.83	-18.83	-20.23	-20.14

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	9.31	-5.38	-5.60	-4.29	4.69
2437MHz	Pass	9.31	-3.58	-4.24	-3.11	4.69
2462MHz	Pass	9.31	-8.27	-6.31	-6.17	4.69
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	9.31	-6.23	-4.50	-4.30	4.69
2437MHz	Pass	9.31	-7.56	-4.36	-3.93	4.69
2452MHz	Pass	9.31	-6.74	-8.15	-6.17	4.69

DG = Directional Gain; RBW=3 kHz;

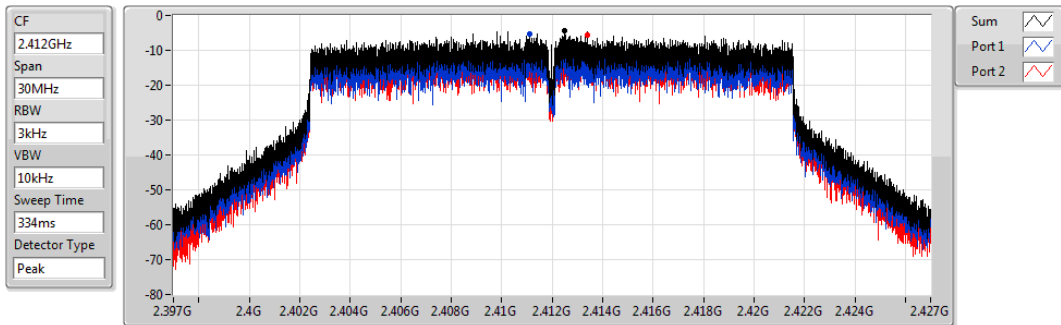
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

2412MHz

09/07/2019



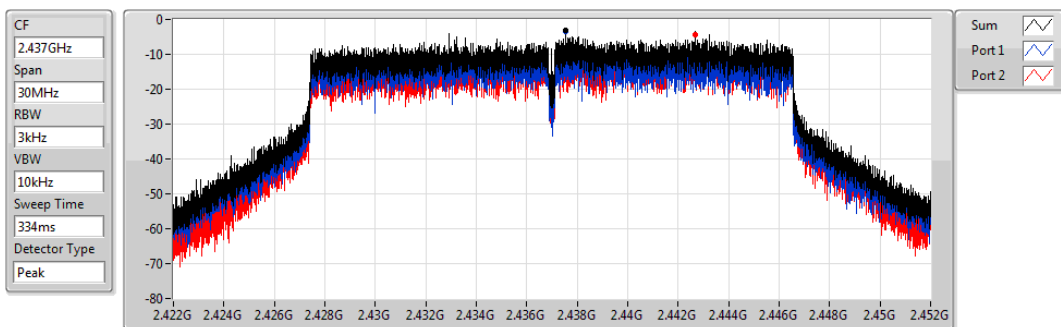
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.29	-4.29	-5.38	-5.60

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

2437MHz

09/07/2019



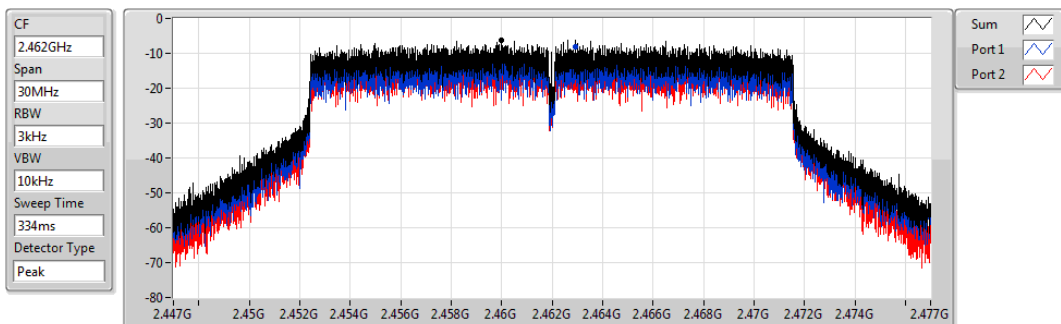
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.11	-3.11	-3.58	-4.24

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

2462MHz

09/07/2019



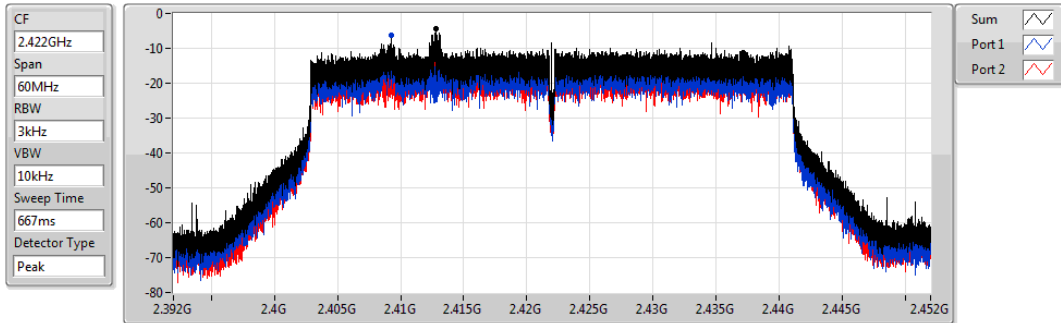
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.17	-6.17	-8.27	-6.31

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

2422MHz

09/07/2019



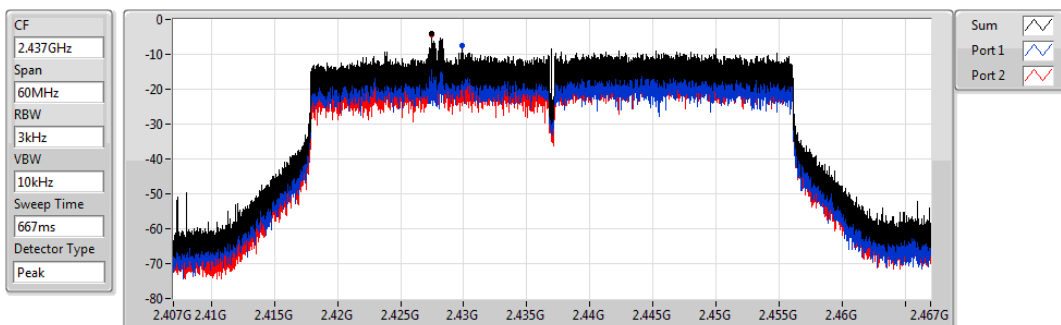
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.30	-4.30	-6.23	-4.50

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

2437MHz

09/07/2019



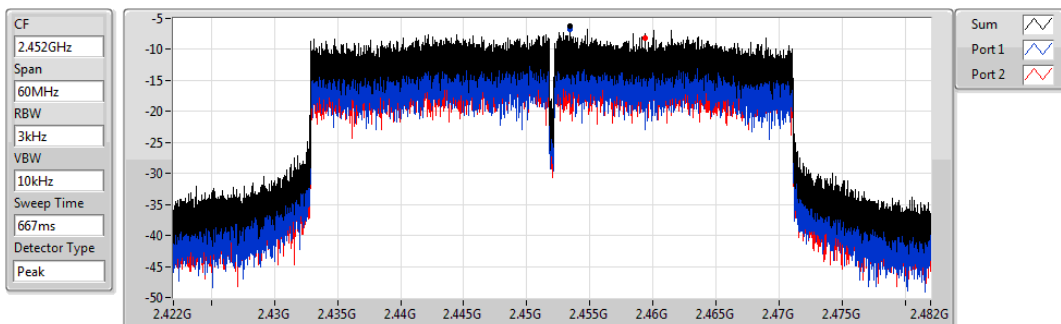
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.93	-3.93	-7.56	-4.36

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

2452MHz

16/07/2019



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.17	-6.17	-6.74	-8.15



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	12.32	-5.58	-6.36	-7.22	-6.28	-1.71	1.68
2437MHz	Pass	12.32	-5.18	-5.36	-6.14	-5.98	-1.34	1.68
2462MHz	Pass	12.32	-6.18	-5.97	-7.26	-7.10	-2.56	1.68
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	12.32	-11.51	-12.35	-12.31	-13.16	-8.06	1.68
2437MHz	Pass	12.32	-9.28	-9.42	-9.00	-9.14	-4.90	1.68
2462MHz	Pass	12.32	-12.67	-13.09	-13.30	-14.22	-8.62	1.68
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	12.32	-15.42	-15.63	-16.27	-15.95	-12.29	1.68
2437MHz	Pass	12.32	-11.80	-11.78	-11.47	-12.07	-8.25	1.68
2462MHz	Pass	12.32	-18.08	-17.60	-18.40	-18.43	-14.92	1.68
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	12.32	-19.42	-19.36	-19.50	-19.44	-15.86	1.68
2437MHz	Pass	12.32	-18.10	-18.39	-18.29	-18.48	-15.22	1.68
2452MHz	Pass	12.32	-22.72	-23.41	-23.30	-24.51	-19.71	1.68

DG = Directional Gain; RBW=3 kHz;

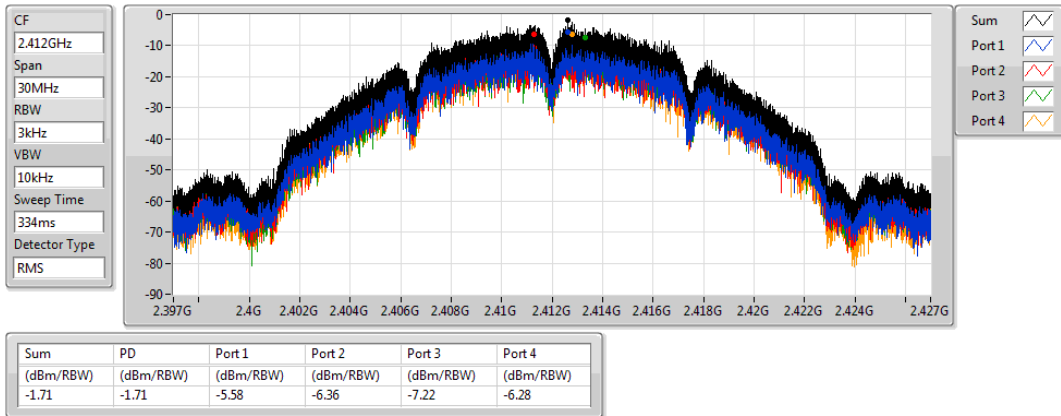
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11b_Nss1,(1Mbps)_4TX

PSD

2412MHz

08/07/2019

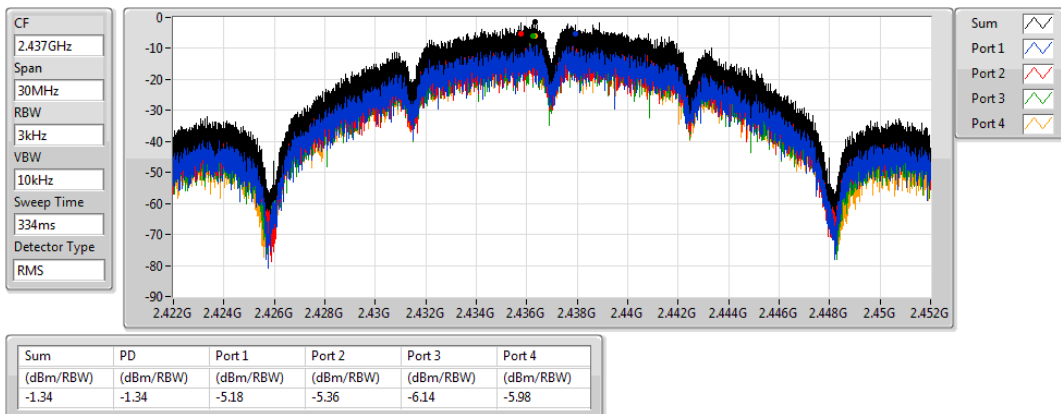


802.11b_Nss1,(1Mbps)_4TX

PSD

2437MHz

08/07/2019

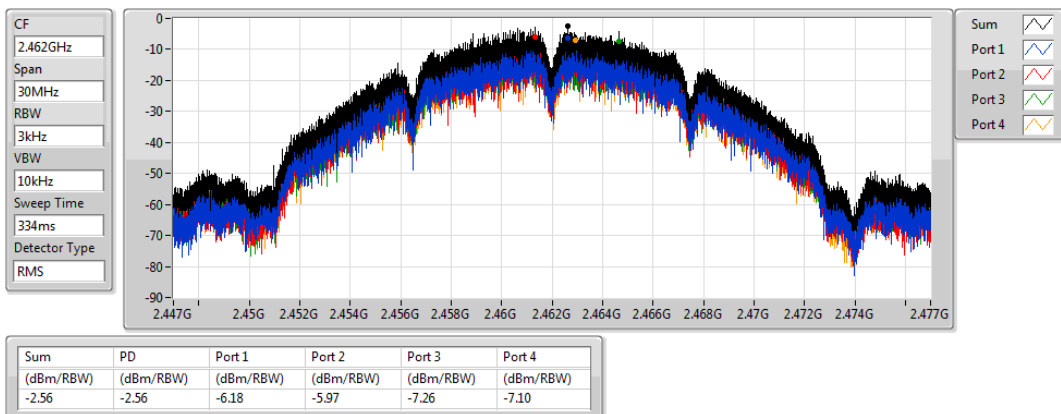


802.11b_Nss1,(1Mbps)_4TX

PSD

2462MHz

08/07/2019

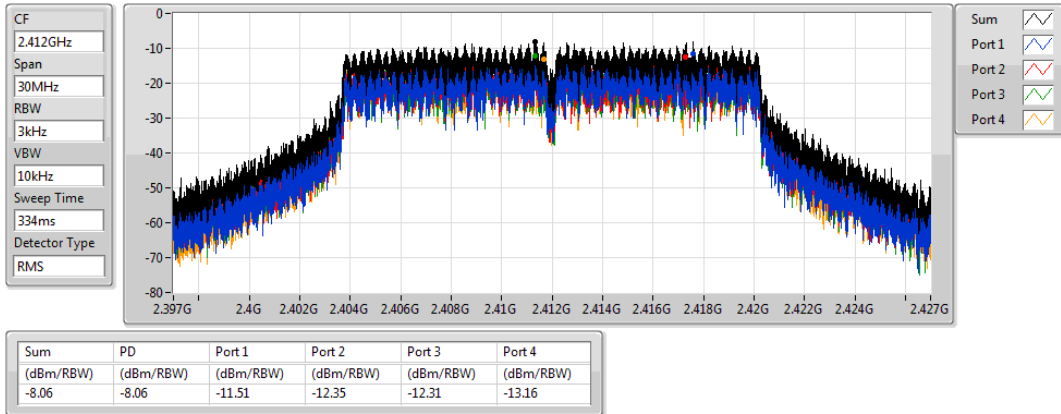


802.11g_Nss1,(6Mbps)_4TX

2412MHz

PSD

08/07/2019

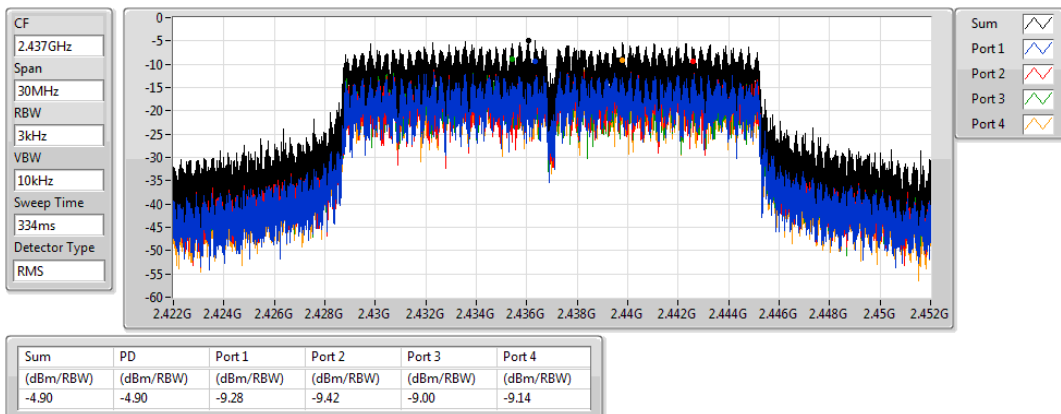


802.11g_Nss1,(6Mbps)_4TX

2437MHz

PSD

08/07/2019

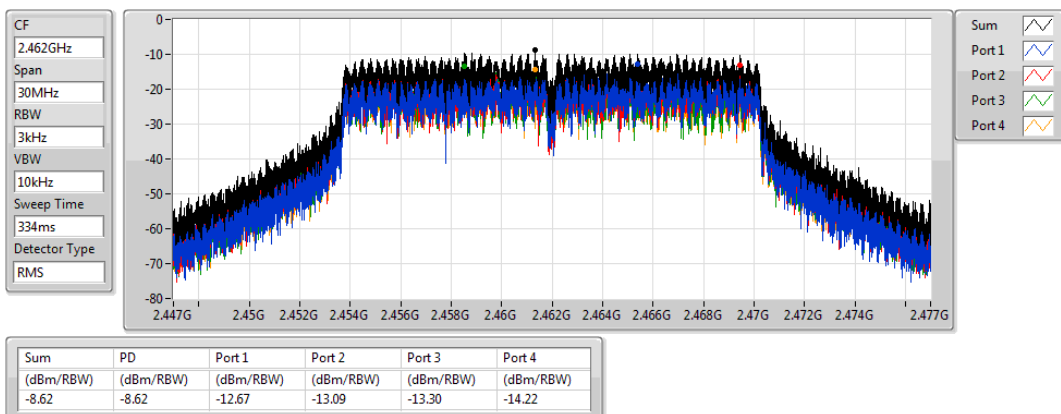


802.11g_Nss1,(6Mbps)_4TX

2462MHz

PSD

08/07/2019

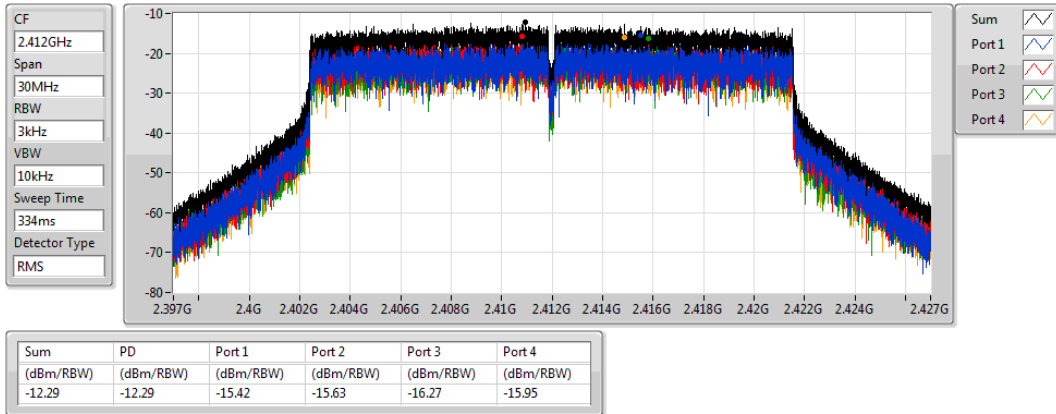


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

2412MHz

08/07/2019

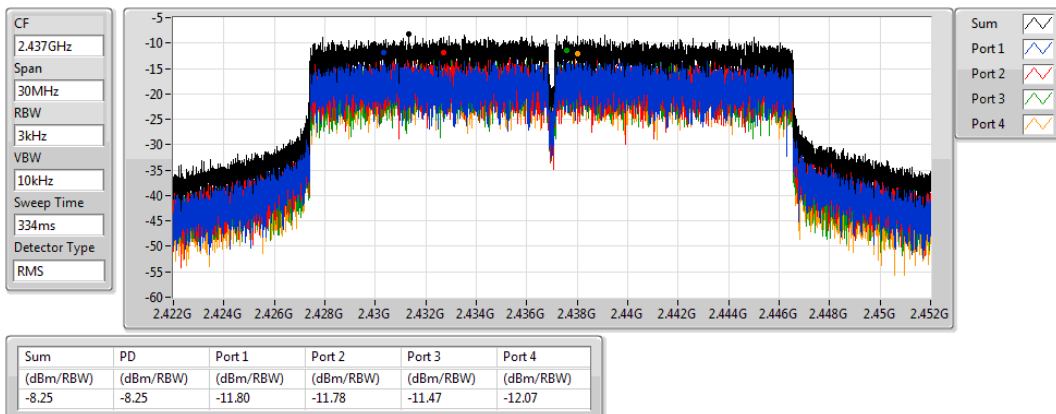


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

2437MHz

08/07/2019

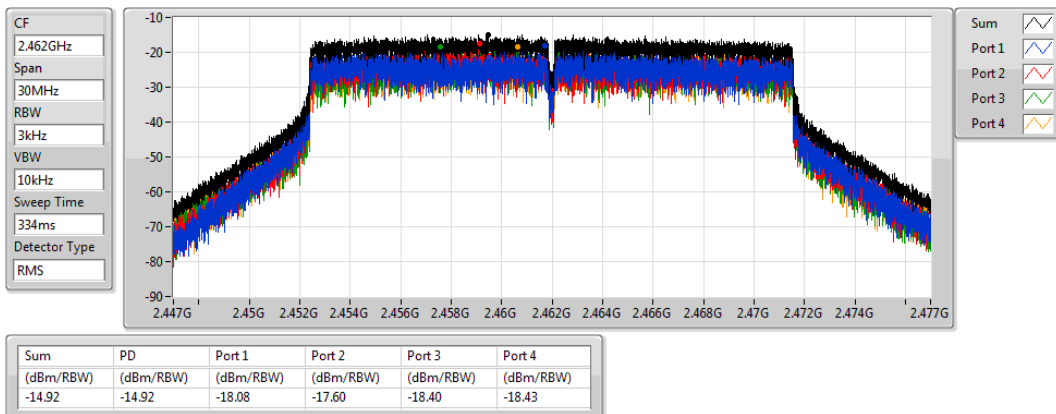


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

2462MHz

08/07/2019

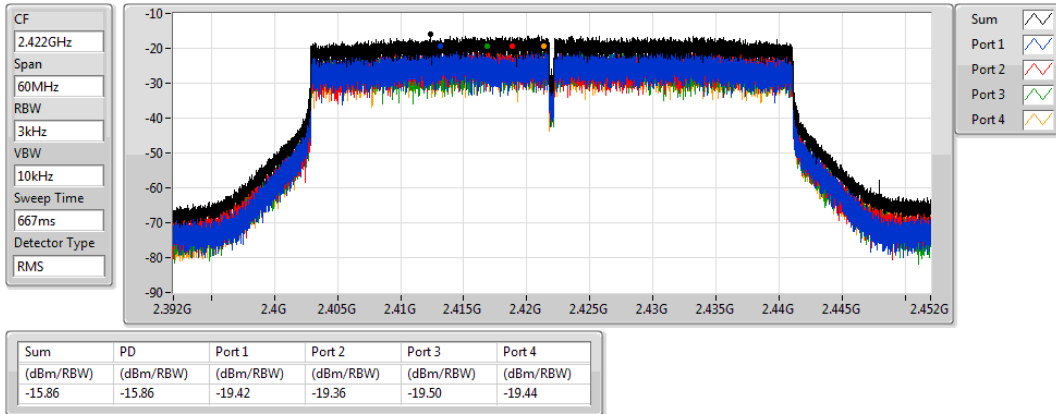


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

2422MHz

08/07/2019

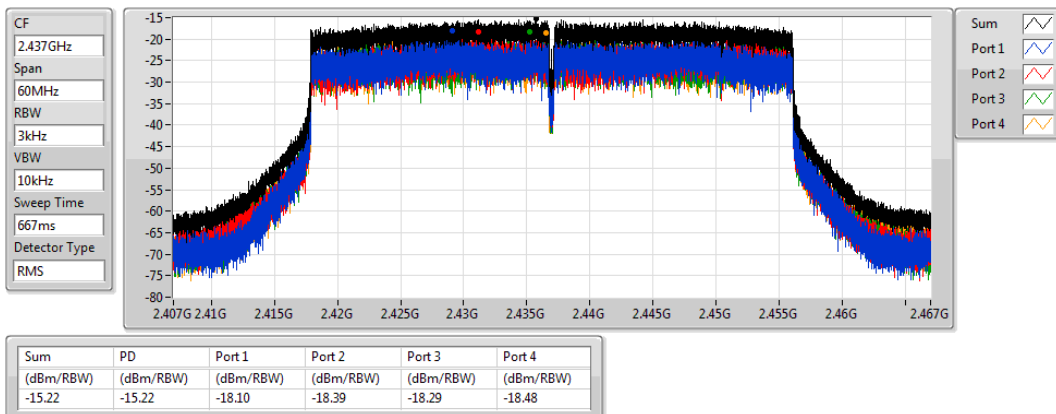


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

2437MHz

08/07/2019

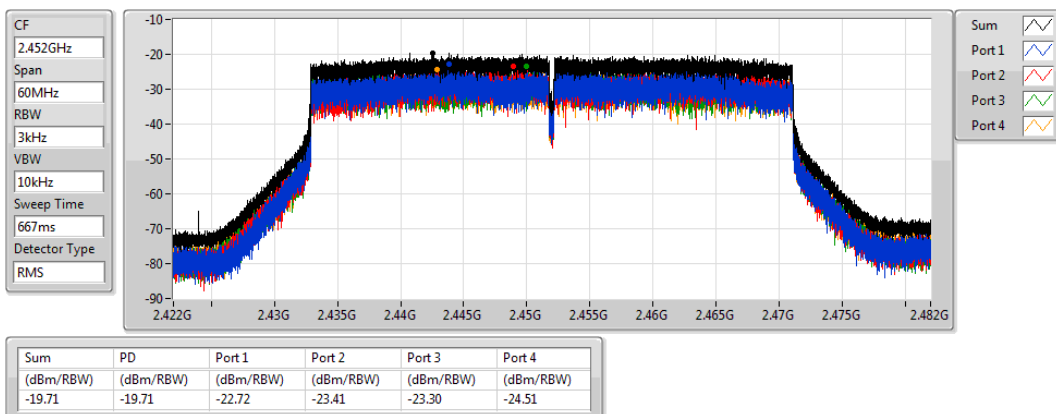


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

2452MHz

08/07/2019





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	12.32	-8.47	-6.59	-6.40	-7.85	-3.50	1.68
2437MHz	Pass	12.32	-5.53	-4.76	-5.62	-8.35	-3.00	1.68
2462MHz	Pass	12.32	-10.28	-9.51	-5.32	-9.96	-4.45	1.68
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	12.32	-11.26	-8.37	-10.79	-9.96	-6.29	1.68
2437MHz	Pass	12.32	-7.16	-9.90	-6.68	-6.78	-4.82	1.68
2452MHz	Pass	12.32	-12.72	-9.35	-13.08	-11.47	-7.93	1.68

DG = Directional Gain; RBW=3 kHz;

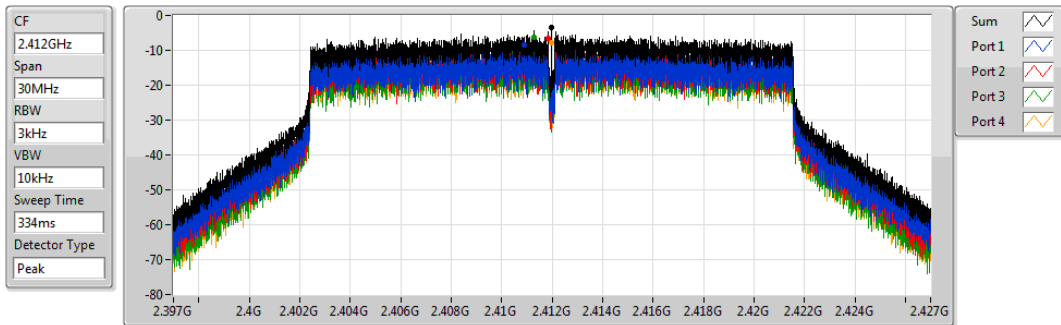
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

2412MHz

09/07/2019



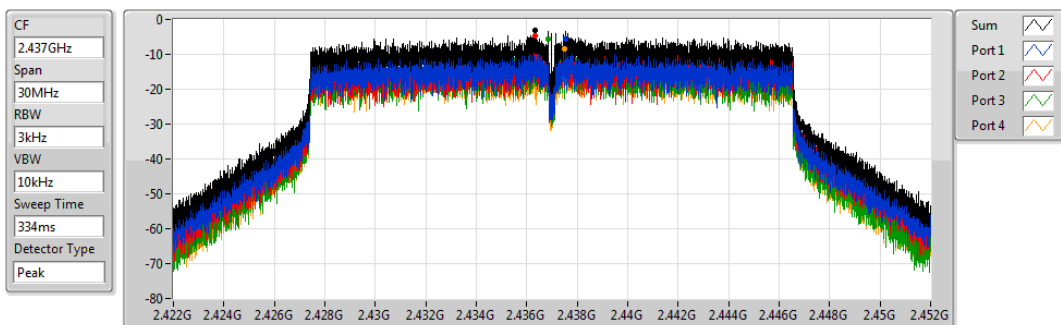
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-3.50	-3.50	-8.47	-6.59	-6.40	-7.85

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

2437MHz

09/07/2019



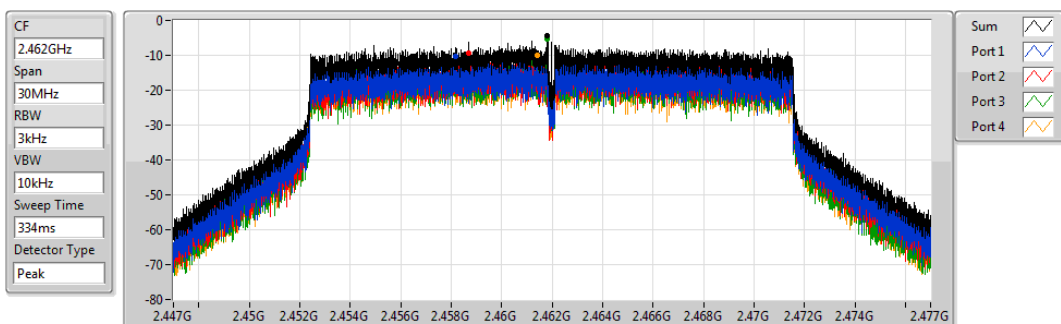
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-3.00	-3.00	-5.53	-4.76	-5.62	-8.35

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

2462MHz

09/07/2019



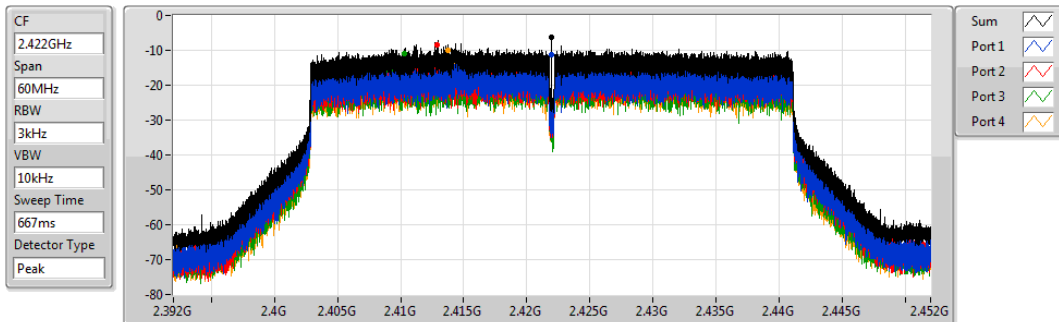
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-4.45	-4.45	-10.28	-9.51	-5.32	-9.96

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

2422MHz

09/07/2019



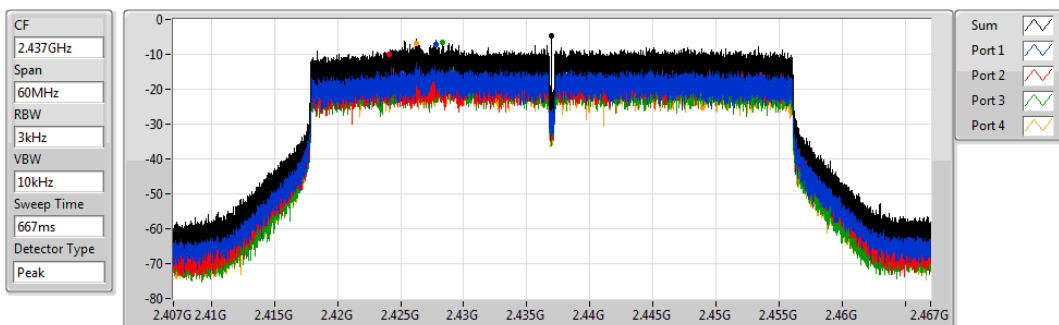
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.29	-6.29	-11.26	-8.37	-10.79	-9.96

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

2437MHz

09/07/2019



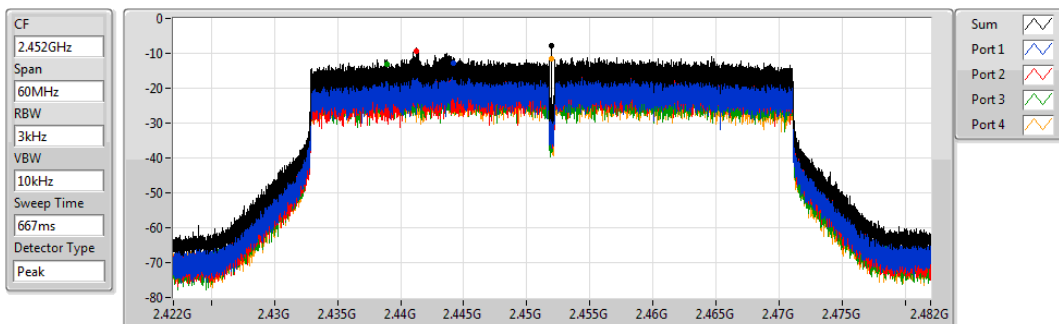
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.82	-4.82	-7.16	-9.90	-6.68	-6.78

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

2452MHz

09/07/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.93	-7.93	-12.72	-9.35	-13.08	-11.47



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;

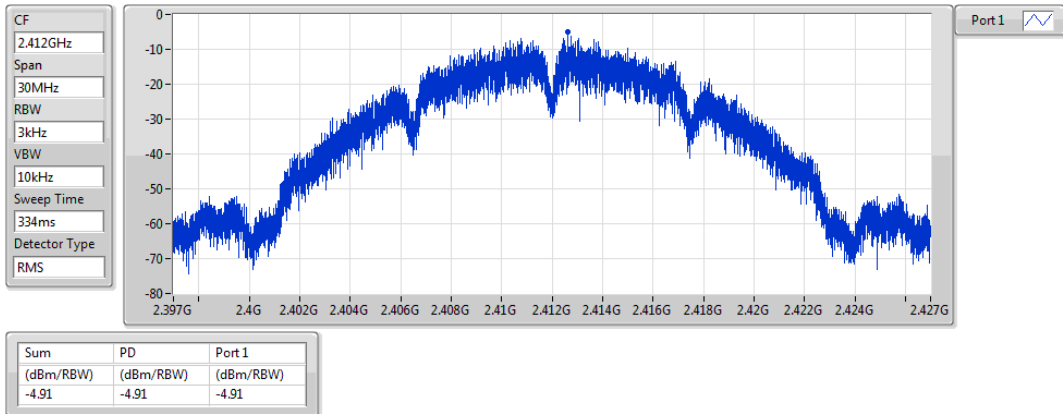
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11b_Nss1,(1Mbps)_1TX

PSD

2412MHz

08/07/2019

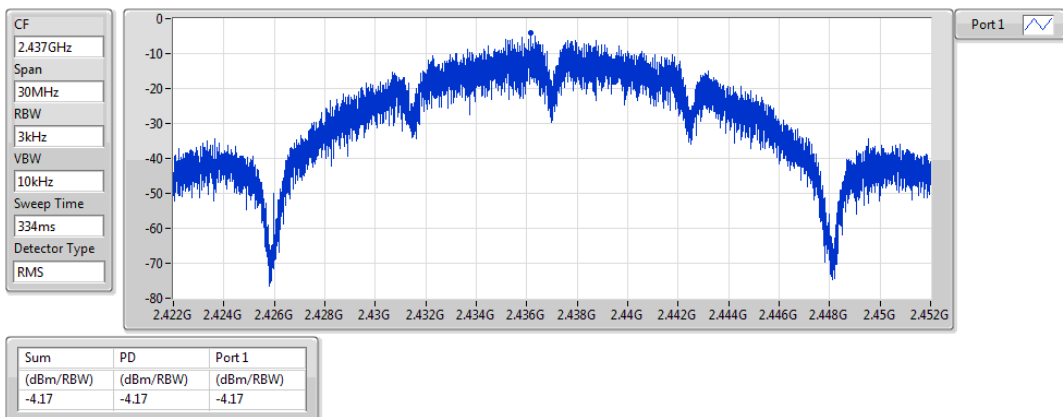


802.11b_Nss1,(1Mbps)_1TX

PSD

2437MHz

08/07/2019

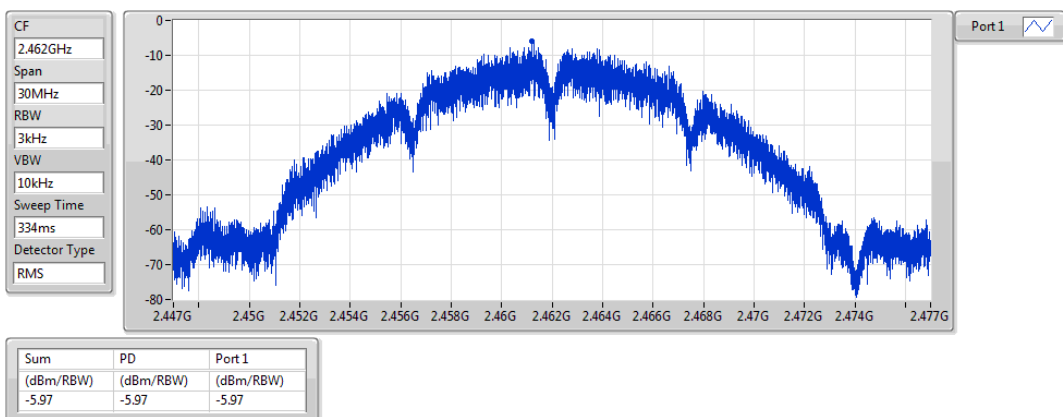


802.11b_Nss1,(1Mbps)_1TX

PSD

2462MHz

08/07/2019

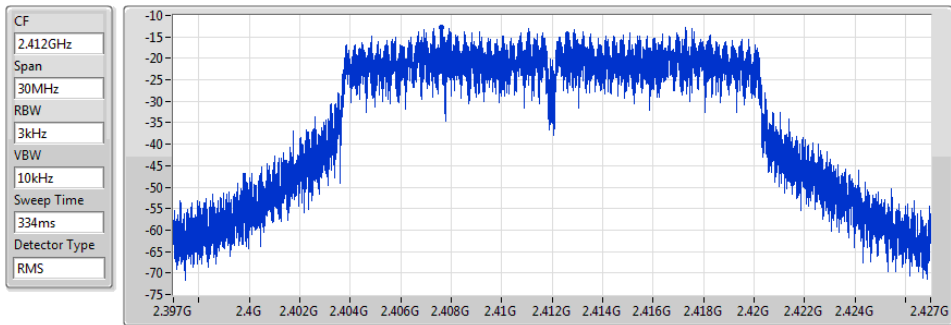


802.11g_Nss1,(6Mbps)_1TX

PSD

2412MHz

08/07/2019



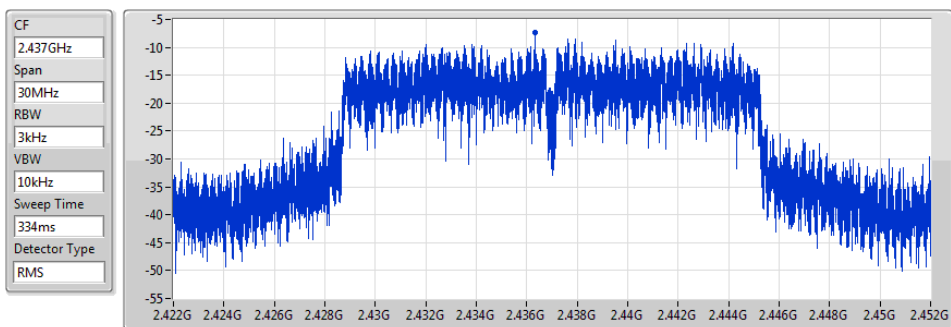
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-12.78	-12.78	-12.78

802.11g_Nss1,(6Mbps)_1TX

PSD

2437MHz

08/07/2019



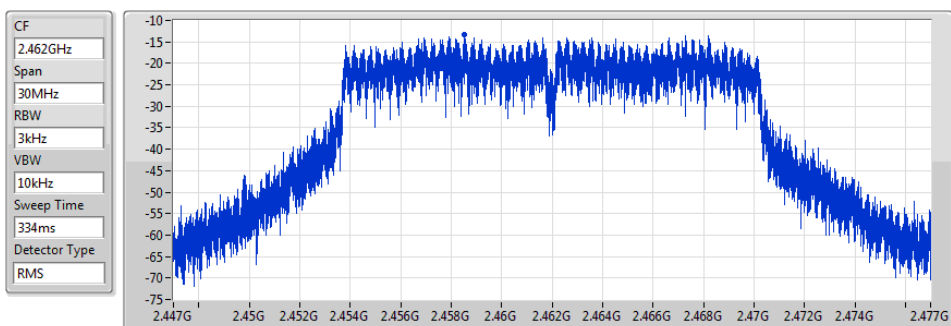
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-7.43	-7.43	-7.43

802.11g_Nss1,(6Mbps)_1TX

PSD

2462MHz

08/07/2019



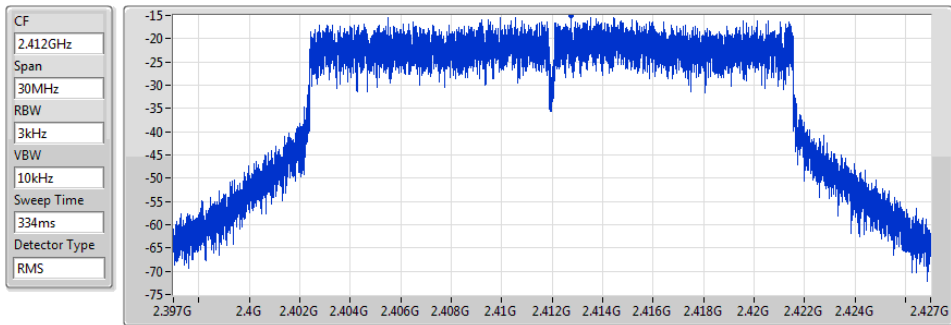
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-13.19	-13.19	-13.19

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

2412MHz

08/07/2019



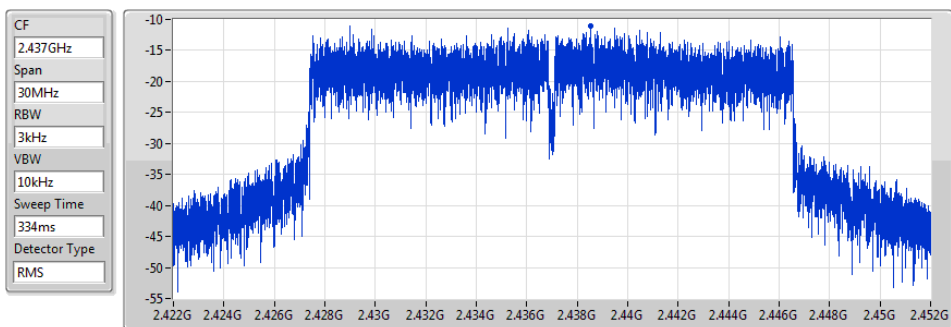
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-15.10	-15.10	-15.10

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

2437MHz

08/07/2019



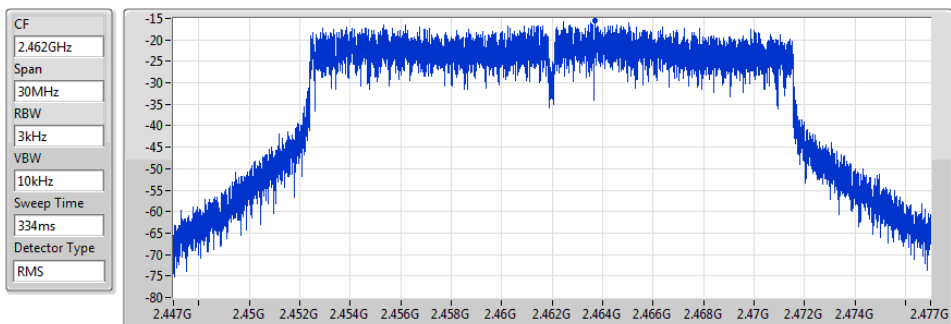
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-11.06	-11.06	-11.06

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

2462MHz

08/07/2019



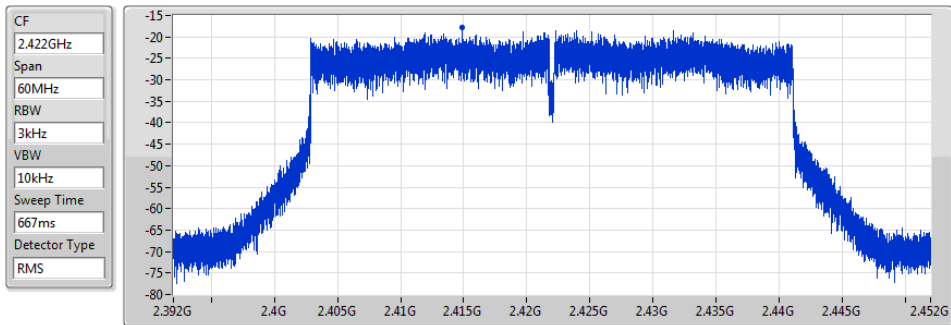
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-15.51	-15.51	-15.51

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

2422MHz

08/07/2019



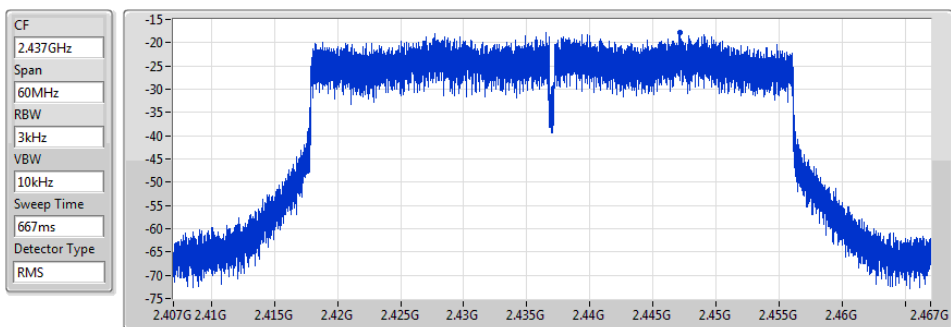
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-17.84	-17.84	-17.84

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

2437MHz

08/07/2019



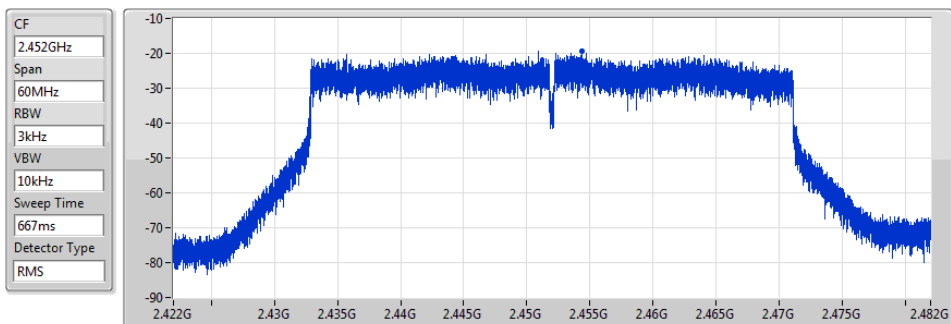
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-17.85	-17.85	-17.85

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

2452MHz

08/07/2019



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	13.51	-4.80	-8.13	-3.83	0.49
2437MHz	Pass	13.51	-6.12	-6.80	-4.49	0.49
2462MHz	Pass	13.51	-6.74	-6.00	-3.89	0.49
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	13.51	-13.34	-13.88	-10.89	0.49
2437MHz	Pass	13.51	-7.38	-8.28	-5.95	0.49
2462MHz	Pass	13.51	-13.54	-13.46	-11.76	0.49
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	13.51	-16.25	-14.85	-14.13	0.49
2437MHz	Pass	13.51	-12.00	-11.61	-10.48	0.49
2462MHz	Pass	13.51	-16.72	-16.76	-15.63	0.49
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	13.51	-19.77	-20.03	-18.43	0.49
2437MHz	Pass	13.51	-18.88	-18.19	-17.14	0.49
2452MHz	Pass	13.51	-21.08	-20.91	-18.93	0.49

DG = Directional Gain; RBW=3 kHz;

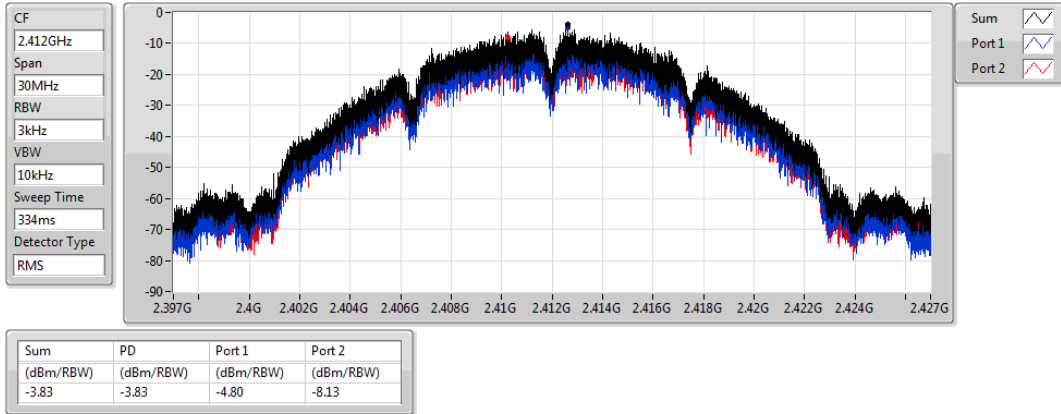
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11b_Nss1,(1Mbps)_2TX

PSD

2412MHz

08/07/2019

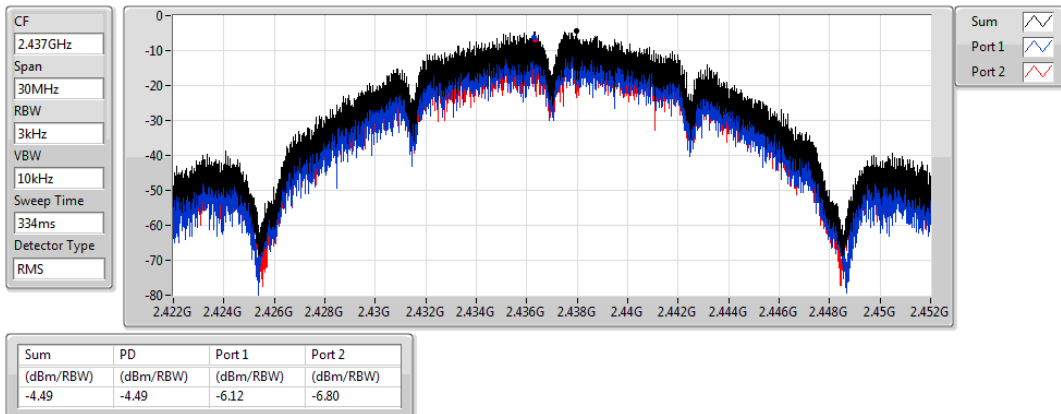


802.11b_Nss1,(1Mbps)_2TX

PSD

2437MHz

08/07/2019

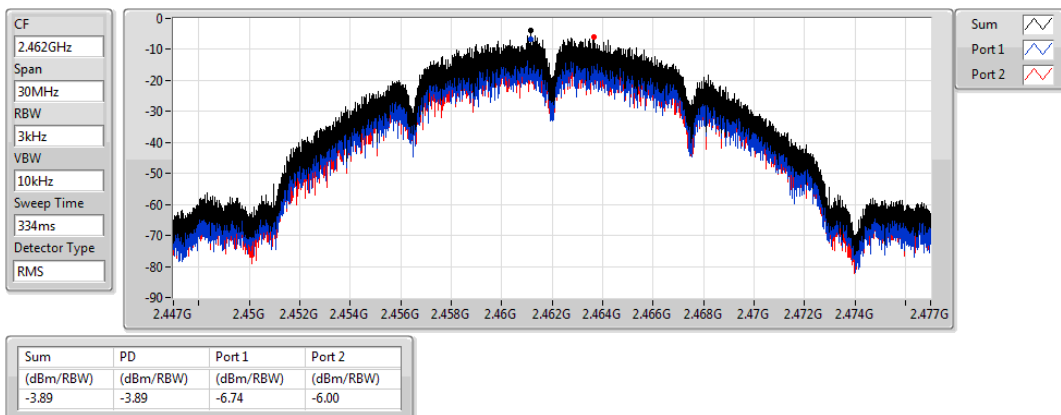


802.11b_Nss1,(1Mbps)_2TX

PSD

2462MHz

08/07/2019

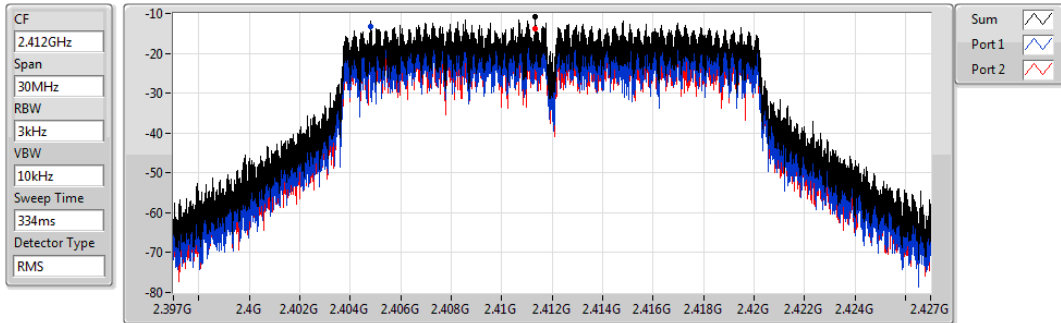


802.11g_Nss1,(6Mbps)_2TX

PSD

2412MHz

08/07/2019



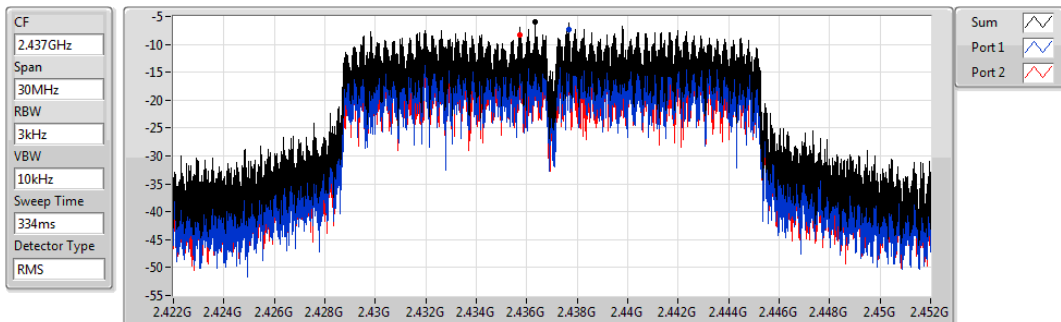
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-10.89	-10.89	-13.34	-13.88

802.11g_Nss1,(6Mbps)_2TX

PSD

2437MHz

08/07/2019



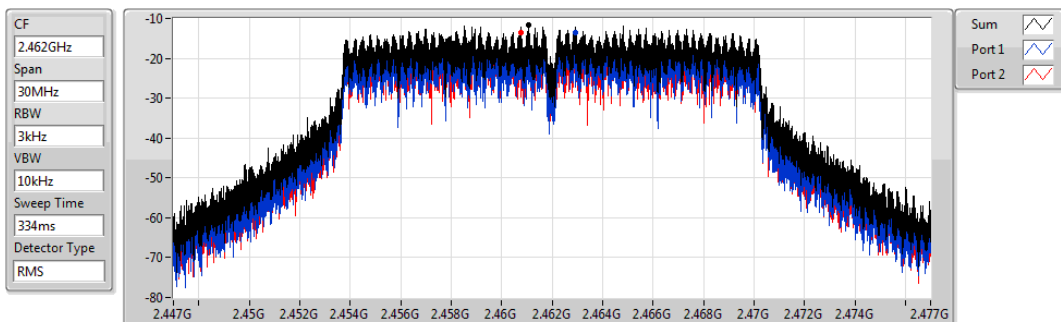
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-5.95	-5.95	-7.38	-8.28

802.11g_Nss1,(6Mbps)_2TX

PSD

2462MHz

08/07/2019



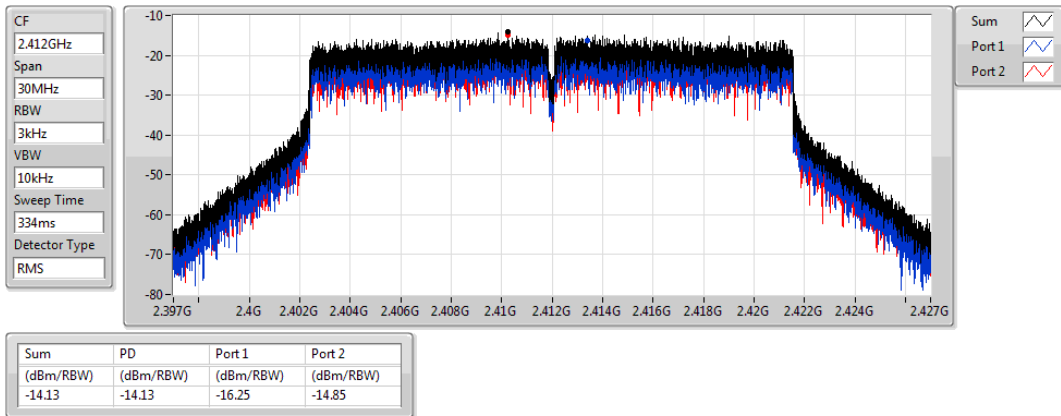
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-11.76	-11.76	-13.54	-13.46

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

2412MHz

08/07/2019

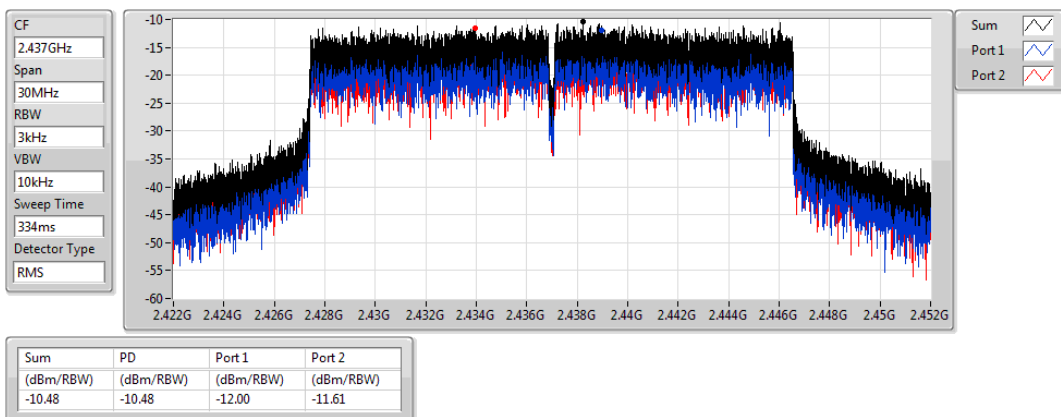


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

2437MHz

08/07/2019

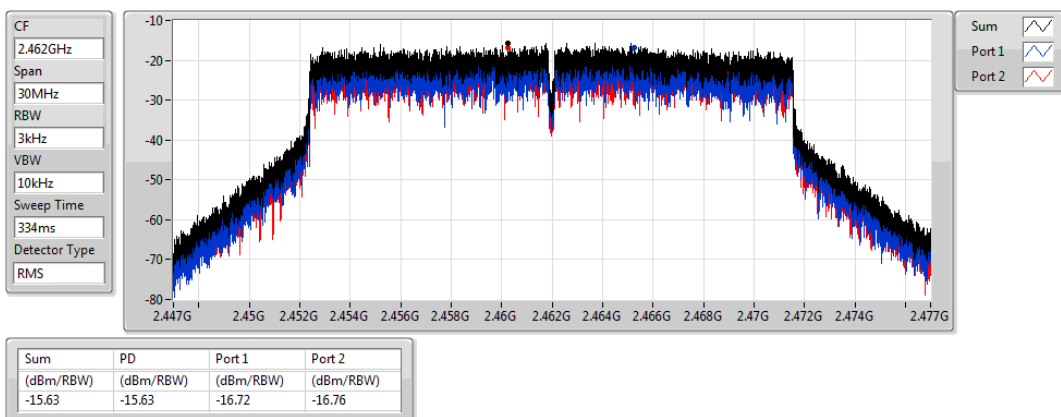


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

2462MHz

08/07/2019

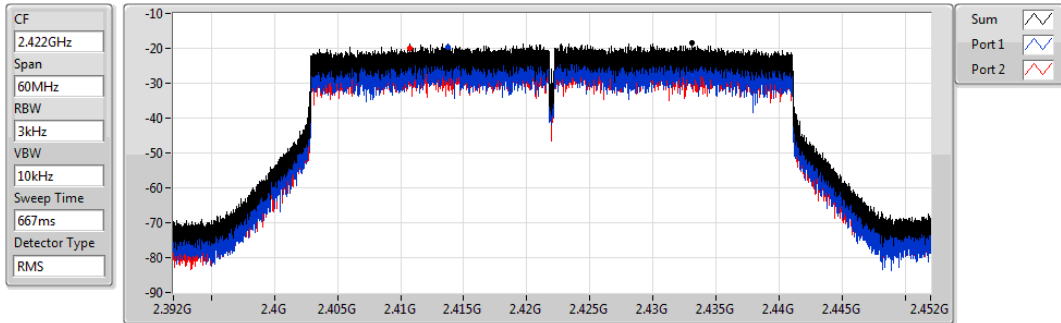


802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

2422MHz

08/07/2019



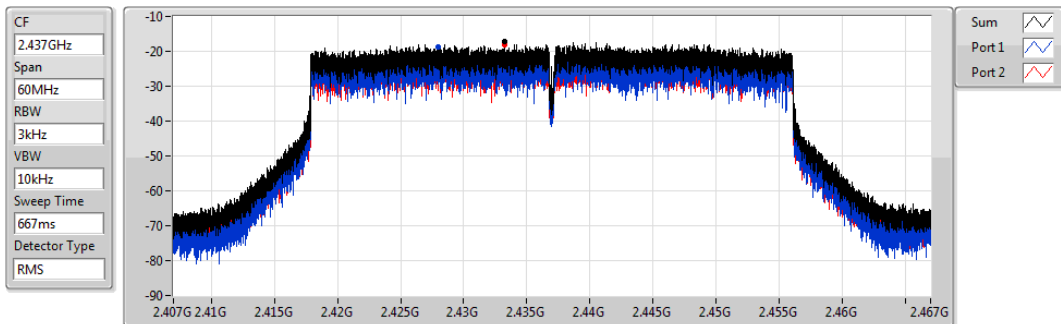
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-18.43	-18.43	-19.77	-20.03

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

2437MHz

08/07/2019



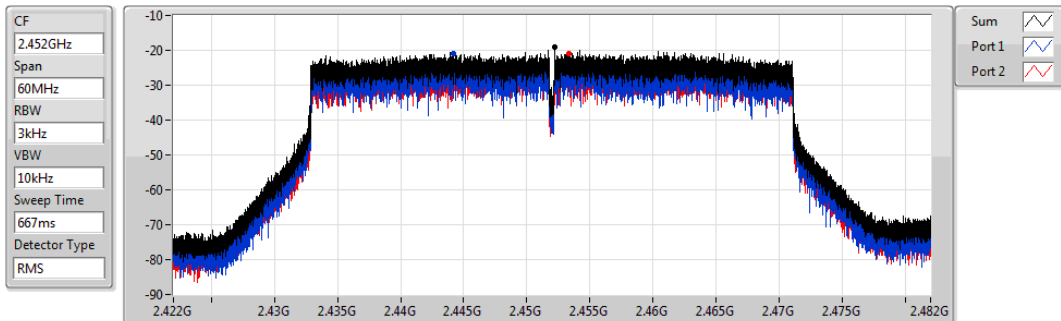
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-17.14	-17.14	-18.88	-18.19

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

2452MHz

08/07/2019



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-18.93	-18.93	-21.08	-20.91



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	13.51	-8.29	-8.66	-6.54	0.49
2437MHz	Pass	13.51	-3.61	-6.25	-2.79	0.49
2462MHz	Pass	13.51	-9.22	-8.96	-7.18	0.49
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	13.51	-9.41	-10.90	-9.12	0.49
2437MHz	Pass	13.51	-7.65	-6.78	-6.31	0.49
2452MHz	Pass	13.51	-9.01	-11.90	-8.82	0.49

DG = Directional Gain; RBW=3 kHz;

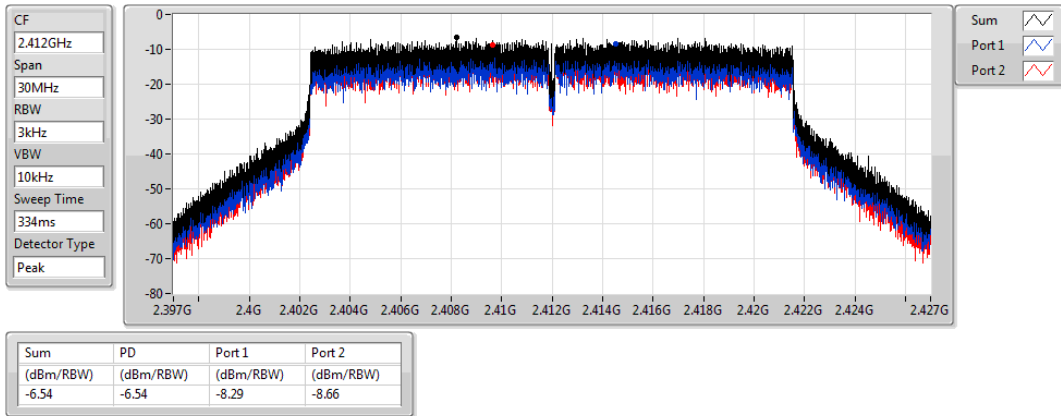
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

2412MHz

09/07/2019

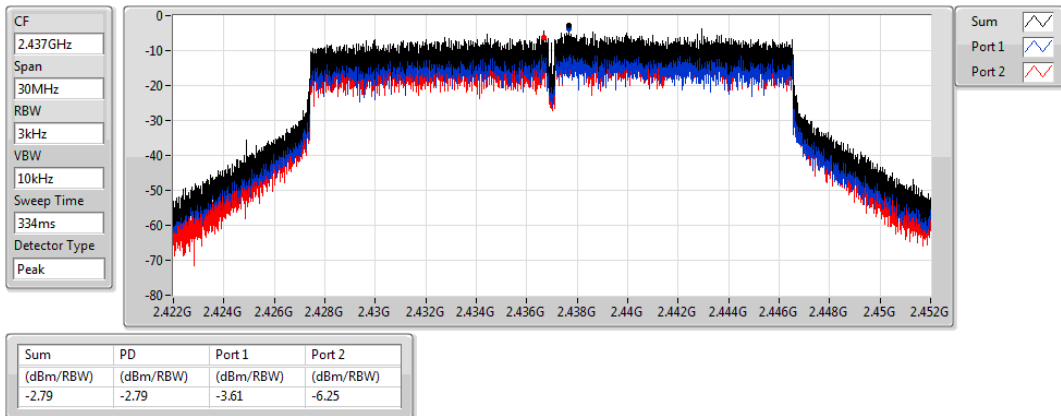


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

2437MHz

09/07/2019

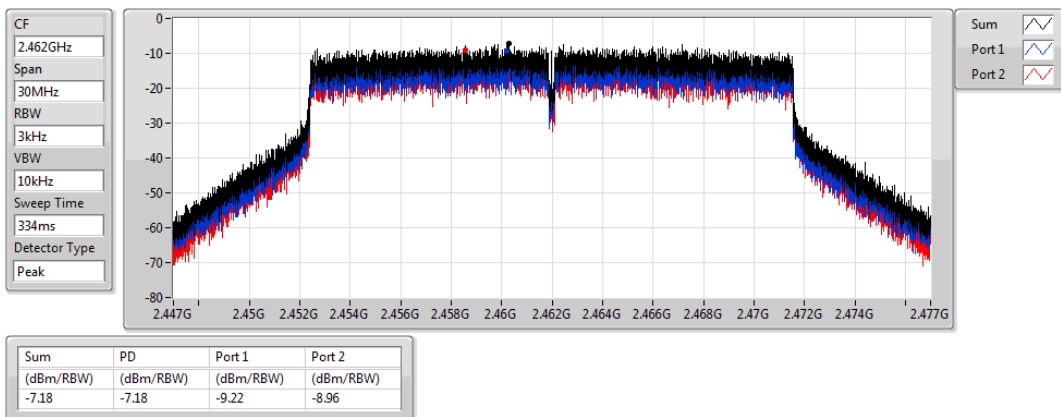


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

2462MHz

09/07/2019

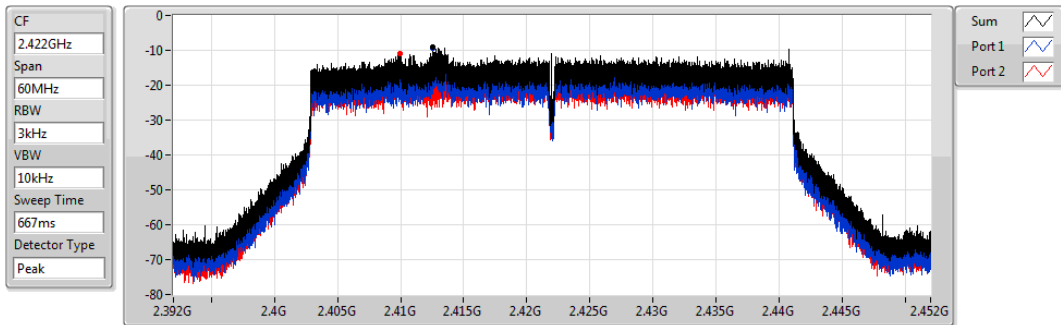


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

2422MHz

09/07/2019



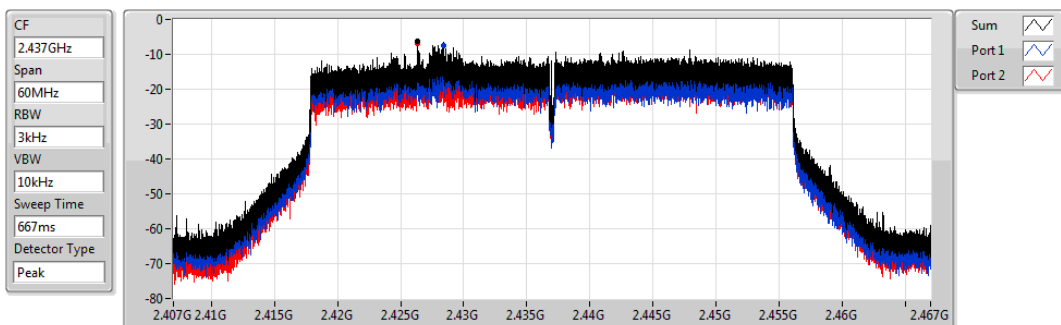
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.12	-9.12	-9.41	-10.90

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

2437MHz

09/07/2019



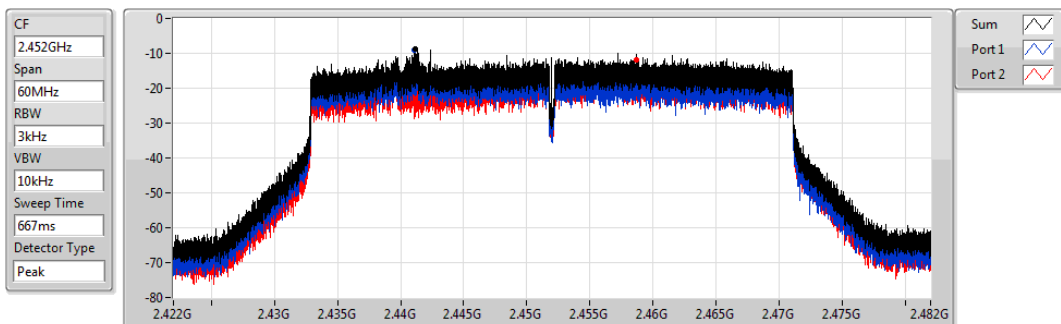
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.31	-6.31	-7.65	-6.78

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

2452MHz

09/07/2019



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.82	-8.82	-9.01	-11.90



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	16.52	-6.70	-7.05	-8.60	-9.23	-3.31	-2.52
2437MHz	Pass	16.52	-8.96	-7.82	-8.86	-9.69	-4.40	-2.52
2462MHz	Pass	16.52	-7.16	-8.90	-9.85	-7.80	-3.65	-2.52
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	16.52	-13.82	-14.31	-14.67	-15.07	-9.96	-2.52
2437MHz	Pass	16.52	-11.53	-12.02	-12.27	-12.12	-6.75	-2.52
2462MHz	Pass	16.52	-14.78	-14.14	-15.13	-15.70	-10.38	-2.52
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	16.52	-16.92	-16.71	-17.35	-17.72	-13.56	-2.52
2437MHz	Pass	16.52	-13.78	-13.24	-14.72	-15.14	-10.42	-2.52
2462MHz	Pass	16.52	-18.58	-19.02	-19.90	-20.42	-15.86	-2.52
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	16.52	-21.39	-21.56	-21.61	-21.82	-17.76	-2.52
2437MHz	Pass	16.52	-18.68	-18.18	-19.20	-19.89	-15.12	-2.52
2452MHz	Pass	16.52	-24.15	-24.09	-24.00	-23.93	-20.93	-2.52

DG = Directional Gain; RBW=3 kHz;

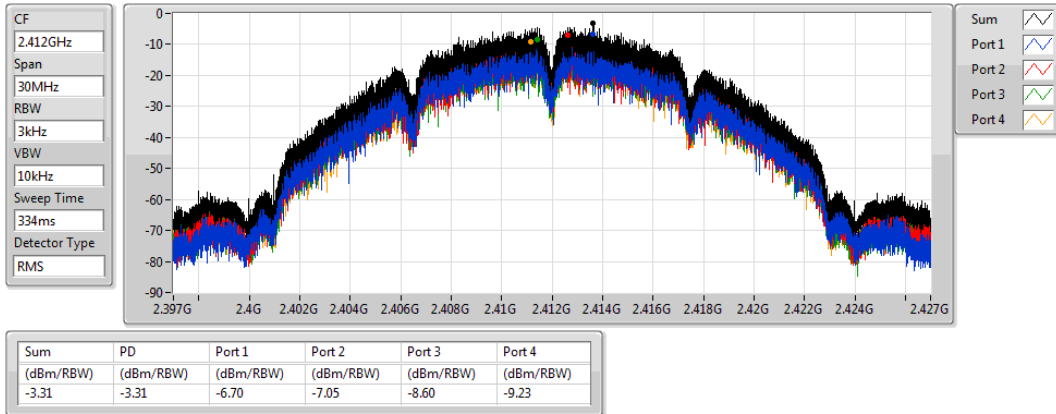
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11b_Nss1,(1Mbps)_4TX

PSD

2412MHz

08/07/2019

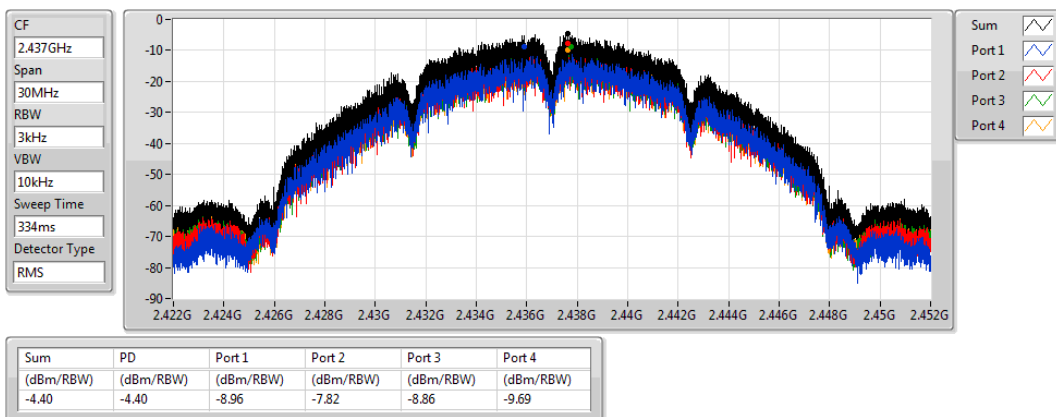


802.11b_Nss1,(1Mbps)_4TX

PSD

2437MHz

08/07/2019

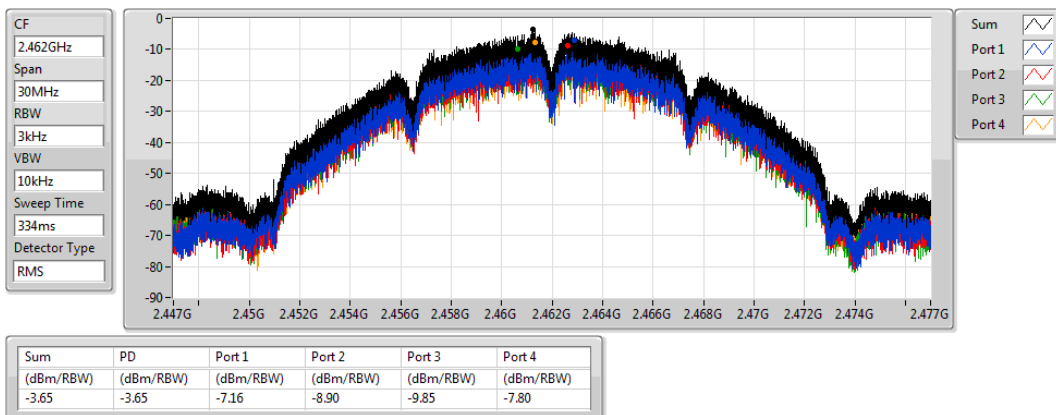


802.11b_Nss1,(1Mbps)_4TX

PSD

2462MHz

08/07/2019

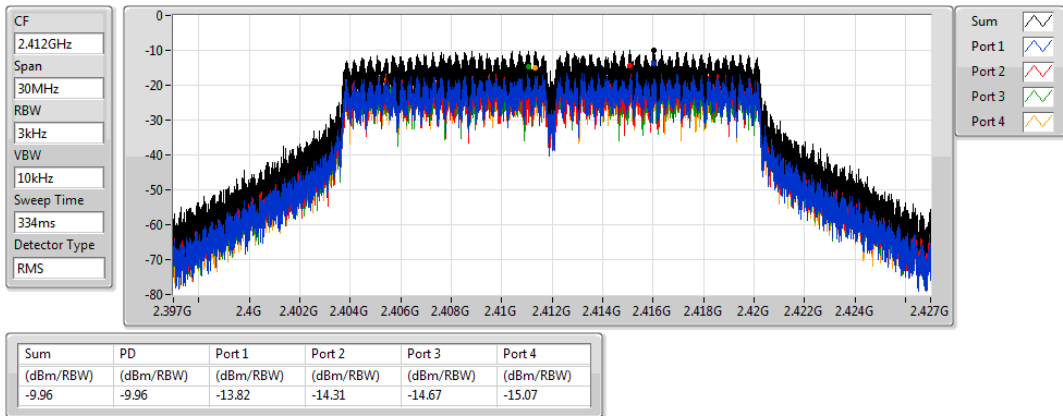


802.11g_Nss1,(6Mbps)_4TX

PSD

2412MHz

08/07/2019

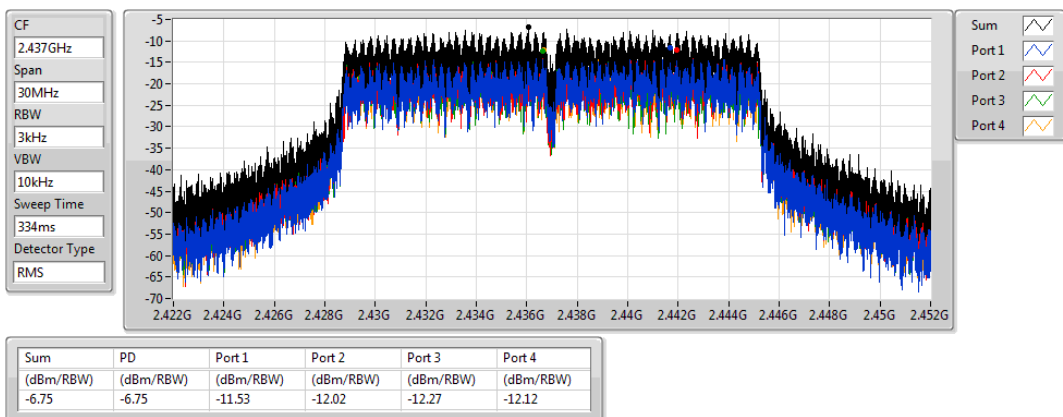


802.11g_Nss1,(6Mbps)_4TX

PSD

2437MHz

08/07/2019

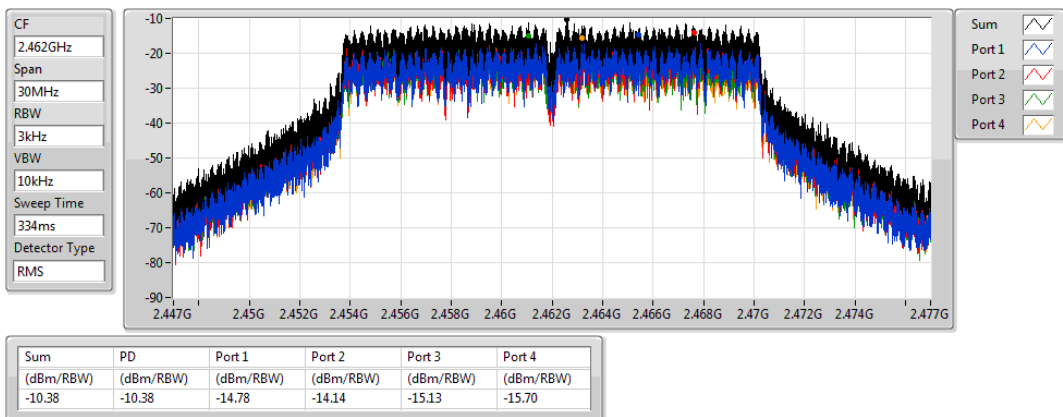


802.11g_Nss1,(6Mbps)_4TX

PSD

2462MHz

08/07/2019

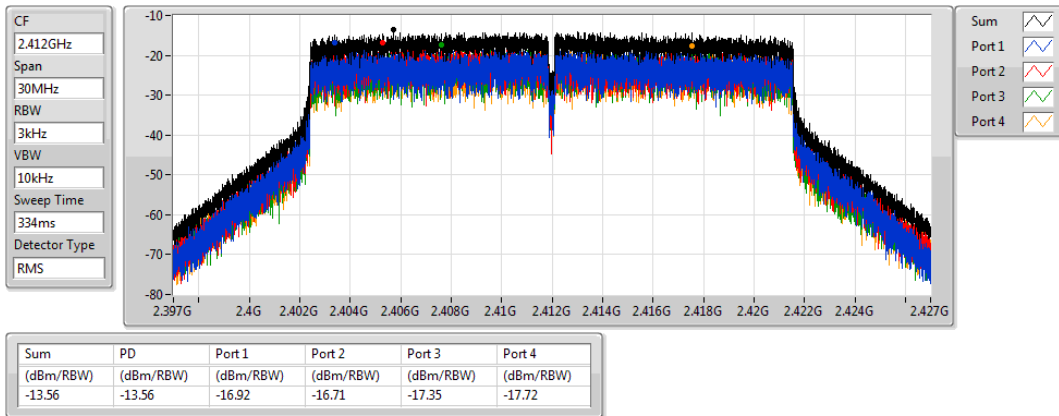


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

2412MHz

08/07/2019

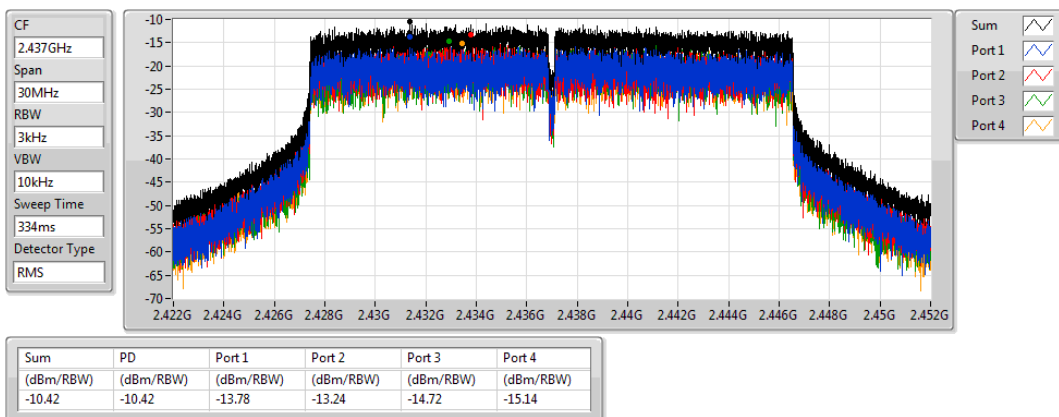


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

2437MHz

08/07/2019

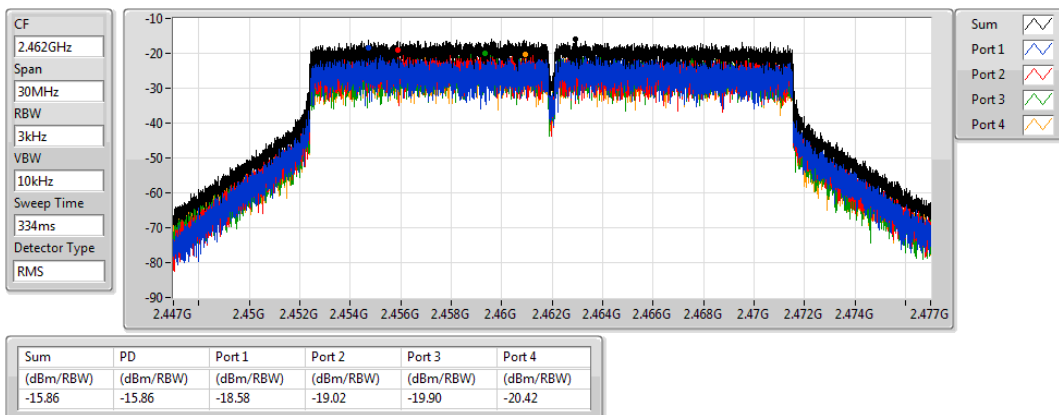


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

2462MHz

08/07/2019

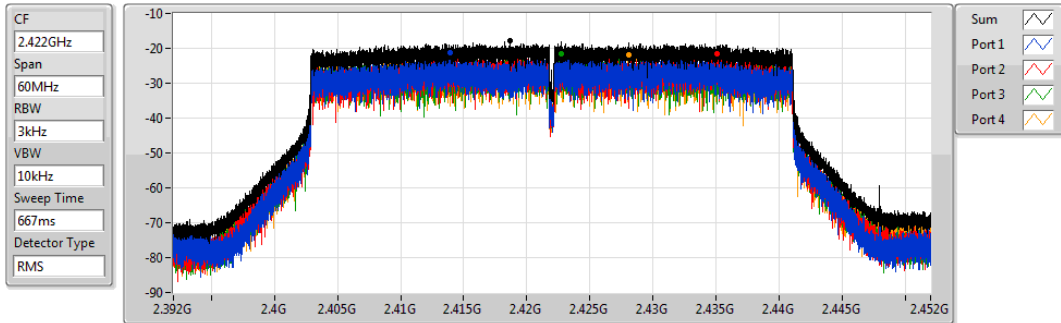


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

2422MHz

08/07/2019



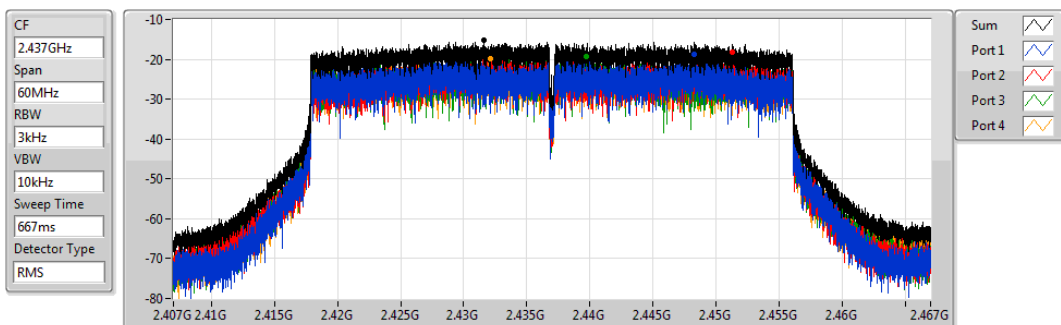
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-17.76	-17.76	-21.39	-21.56	-21.61	-21.82

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

2437MHz

08/07/2019



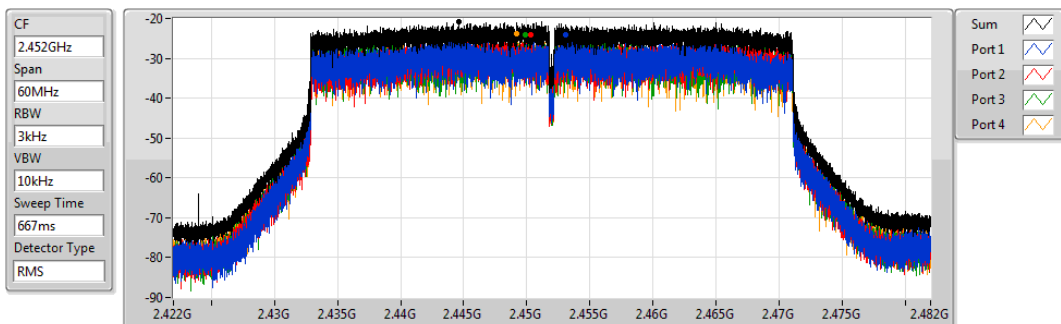
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-15.12	-15.12	-18.68	-18.18	-19.20	-19.89

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

2452MHz

08/07/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-20.93	-20.93	-24.15	-24.09	-24.00	-23.93



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	16.52	-11.08	-11.49	-11.70	-10.69	-7.12	-2.52
2437MHz	Pass	16.52	-11.82	-12.16	-9.02	-10.54	-7.16	-2.52
2462MHz	Pass	16.52	-12.48	-11.98	-12.45	-11.11	-7.07	-2.52
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	16.52	-13.85	-14.08	-13.05	-11.45	-10.30	-2.52
2437MHz	Pass	16.52	-12.54	-11.39	-11.15	-11.44	-7.96	-2.52
2452MHz	Pass	16.52	-11.90	-13.13	-13.90	-11.30	-8.56	-2.52

DG = Directional Gain; RBW=3 kHz;

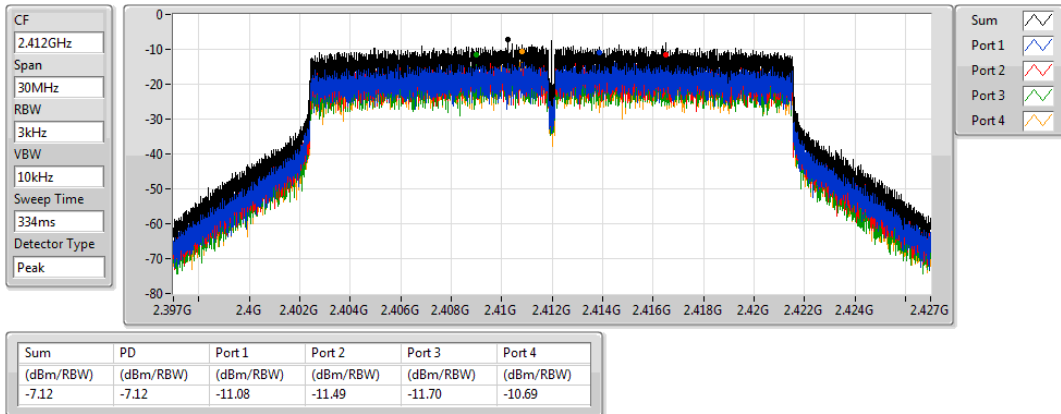
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2412MHz

PSD

09/07/2019

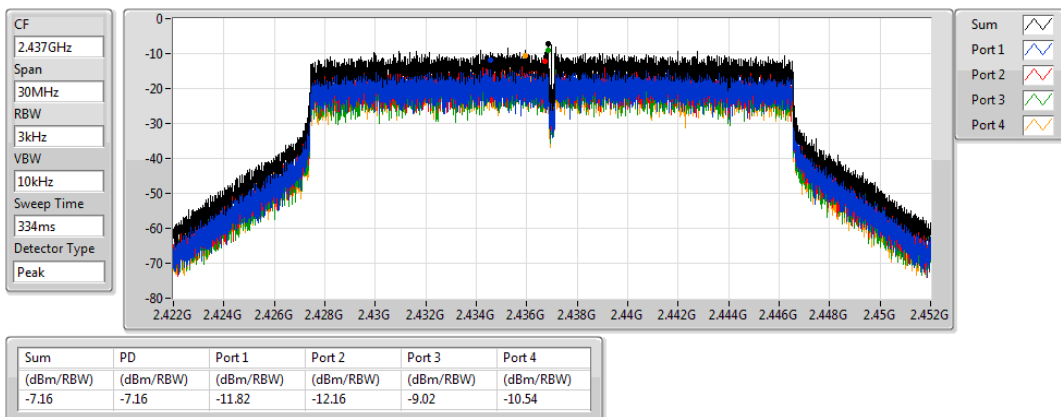


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2437MHz

PSD

09/07/2019

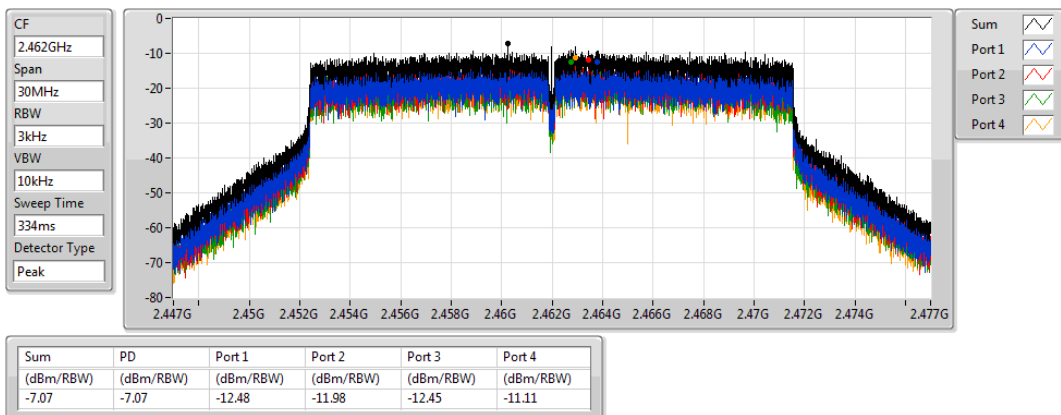


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2462MHz

PSD

09/07/2019

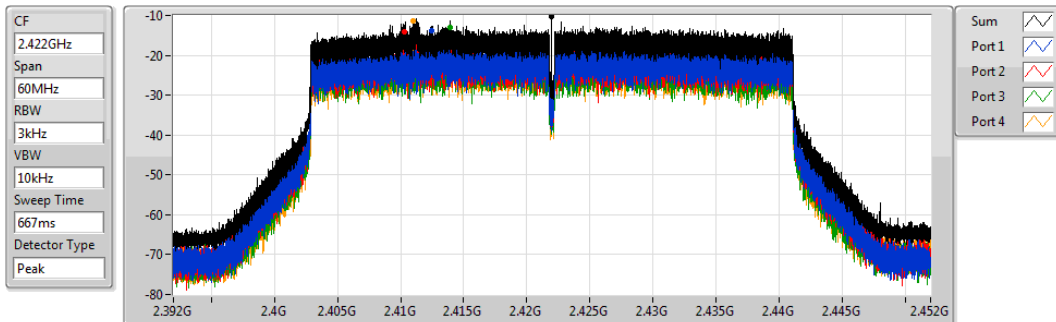


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

2422MHz

09/07/2019



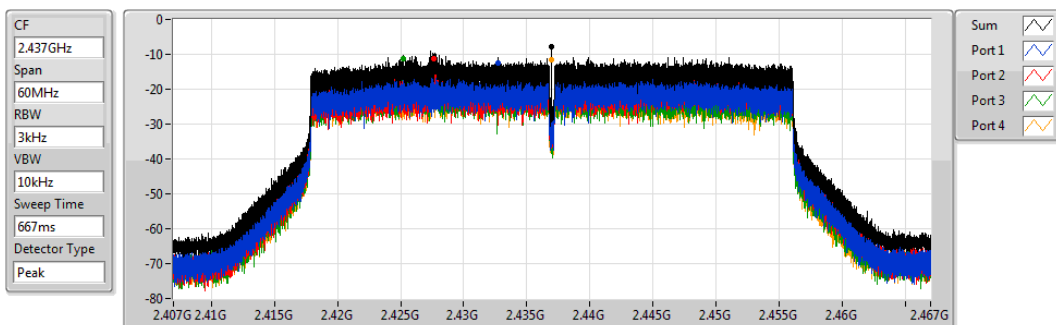
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-10.30	-10.30	-13.85	-14.08	-13.05	-11.45

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

2437MHz

09/07/2019



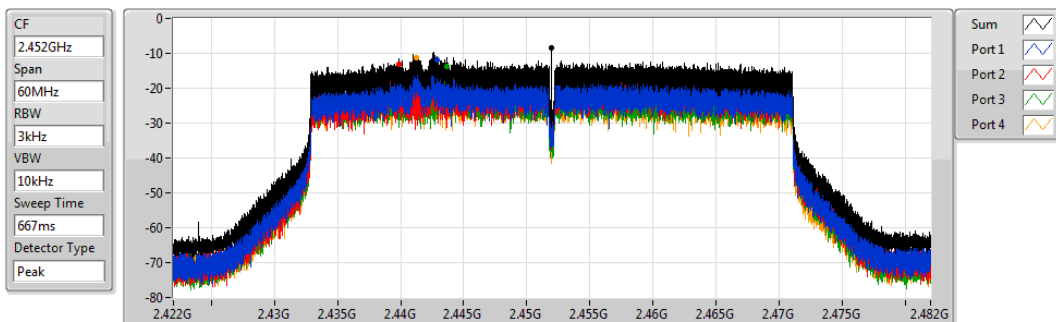
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-7.96	-7.96	-12.54	-11.39	-11.15	-11.44

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

2452MHz

09/07/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-8.56	-8.56	-11.90	-13.13	-13.90	-11.30

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

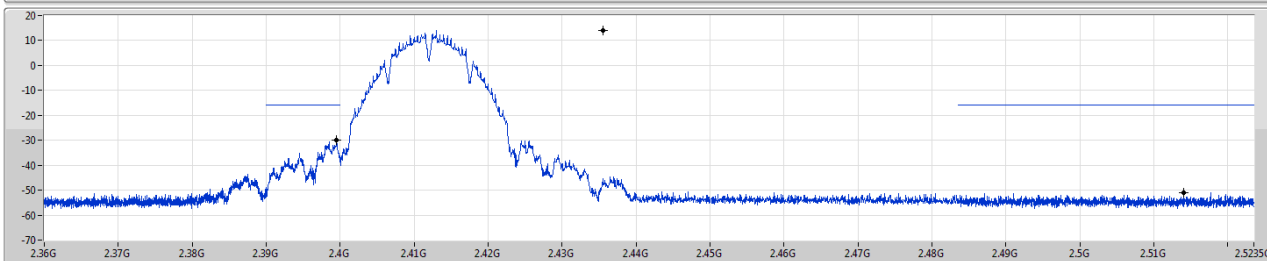
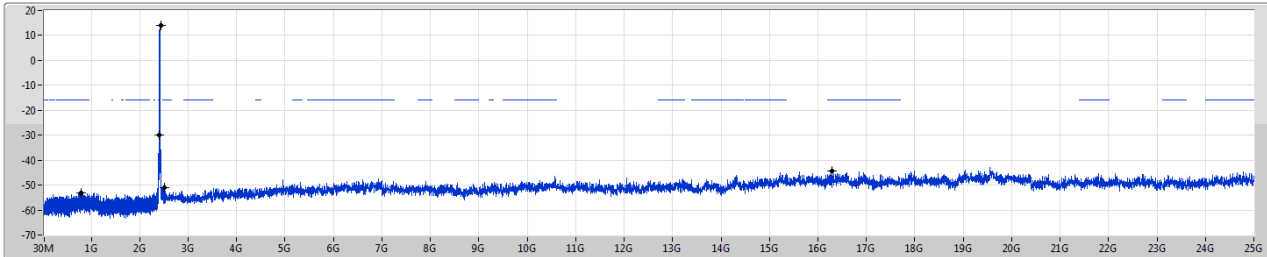
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43549G	14.19	-15.81	789M	-52.96	2.3995G	-30.02	2.51406G	-51.02	16.28193G	-44.30	1
2437MHz	Pass	2.43549G	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

802.11b_Nss1,(1Mbps)_1TX

2412MHz

CSE NdB

09/07/2019



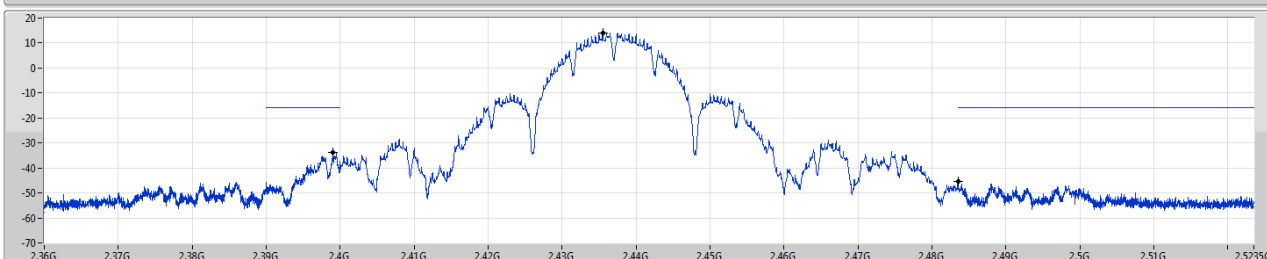
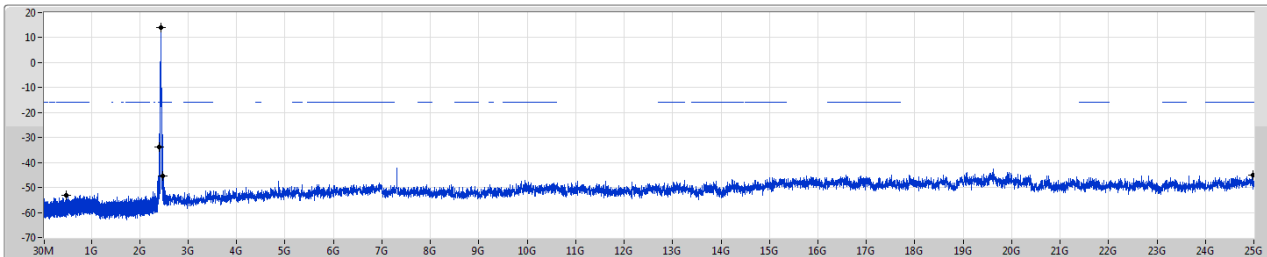
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43549G	14.19	-15.81	789M	-52.96	2.3995G	-30.02	2.51406G	-51.02	16.28193G	-44.30	1

802.11b_Nss1,(1Mbps)_1TX

2437MHz

CSE NdB

09/07/2019



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43549G	14.19	-15.81	487.85M	-53.12	2.39904G	-33.95	2.48352G	-45.43	24.98033G	-44.92	1

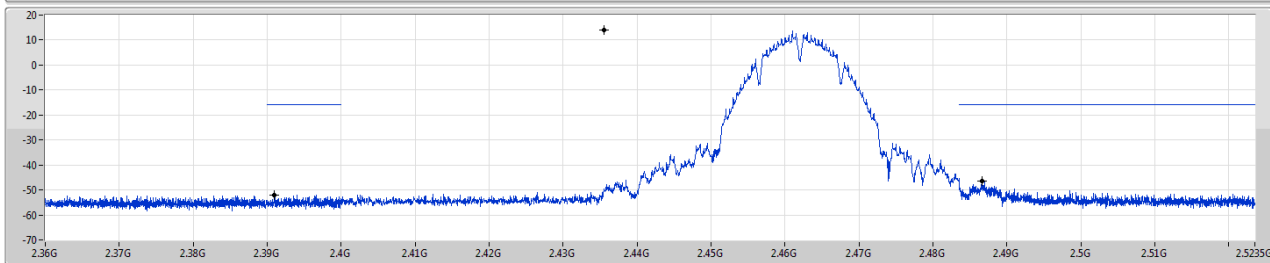
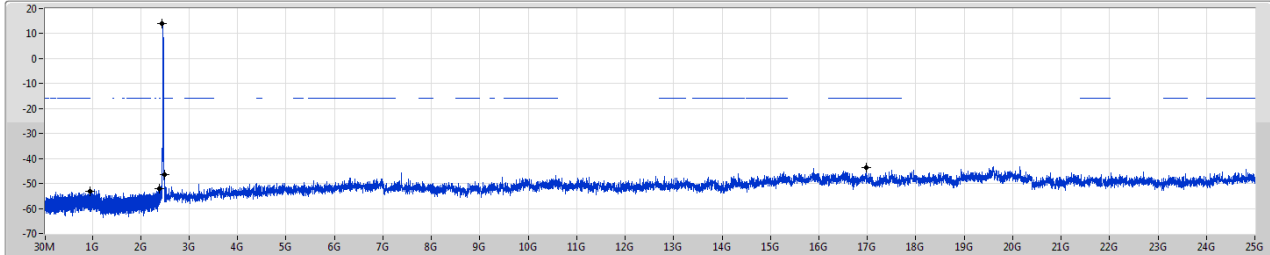
802.11b_Nss1,(1Mbps)_1TX

2462MHz

CSE NdB

09/07/2019

Port1



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

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43549G	14.19	-15.81	948.02M	-53.17	2.39098G	-51.97	2.48658G	-46.44	16.98432G	-43.50	1

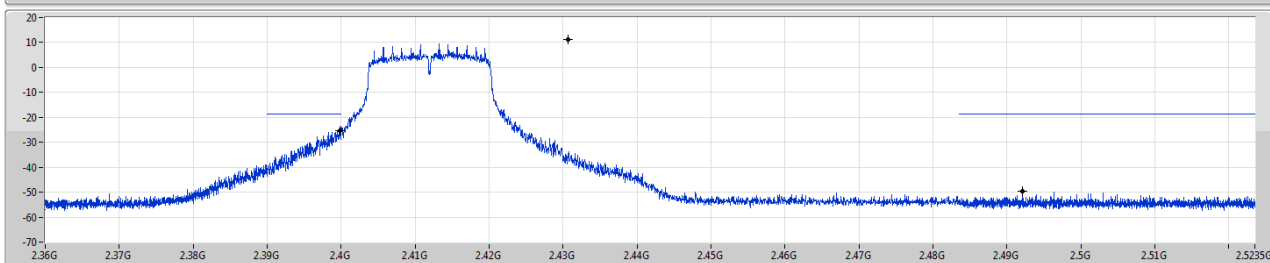
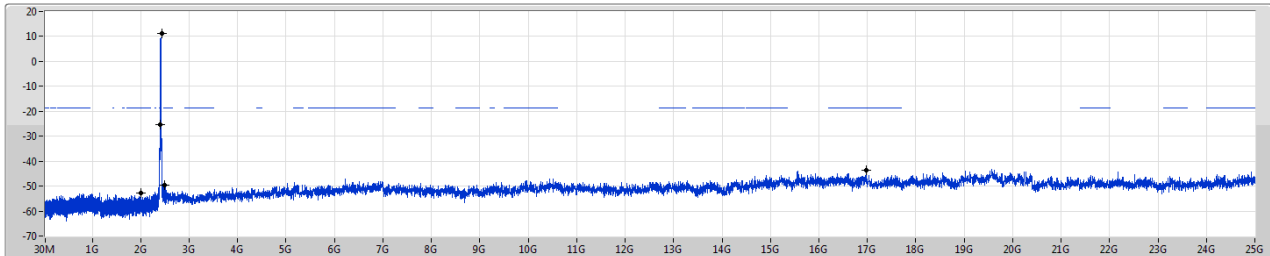
802.11g_Nss1,(6Mbps)_1TX

2412MHz

CSE NdB

09/07/2019

Port1



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

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43069G	11.26	-18.74	2.00934G	-52.75	2.39984G	-25.25	2.49212G	-49.70	16.97589G	-43.51	1

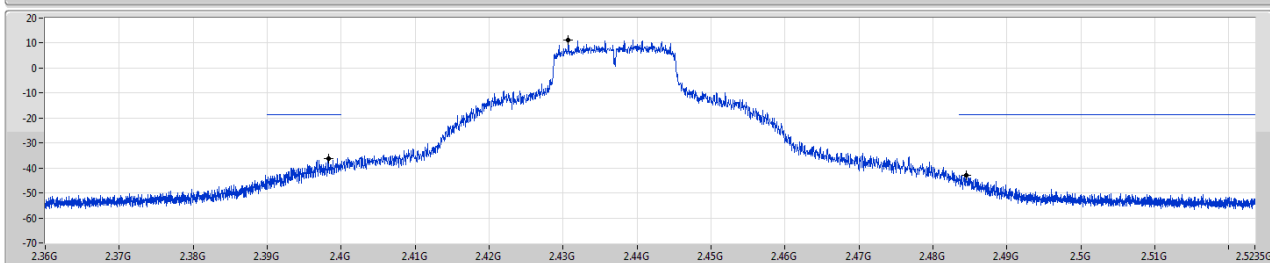
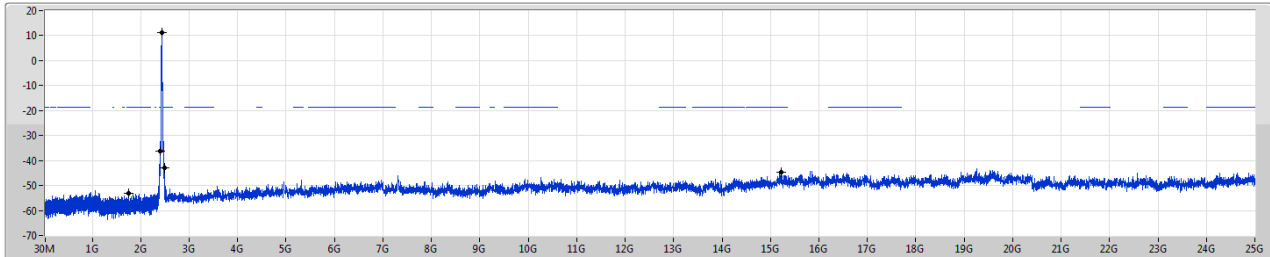
802.11g_Nss1,(6Mbps)_1TX

2437MHz

CSE NdB

09/07/2019

Port1



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

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43069G	11.26	-18.74	1.75012G	-53.12	2.39824G	-36.29	2.48446G	-43.00	15.22834G	-44.73	1

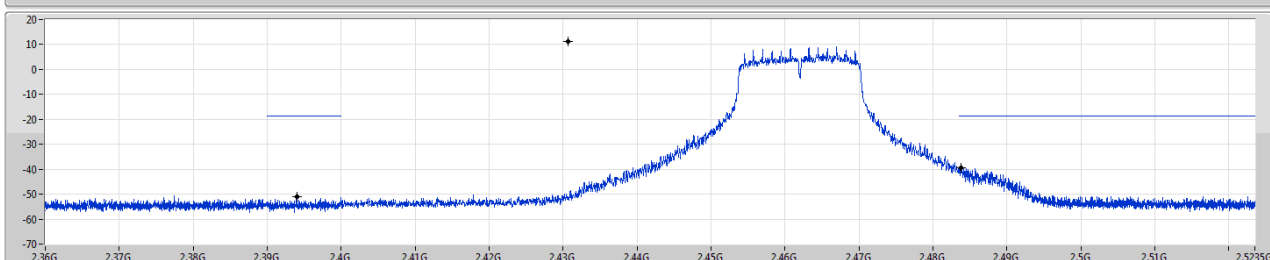
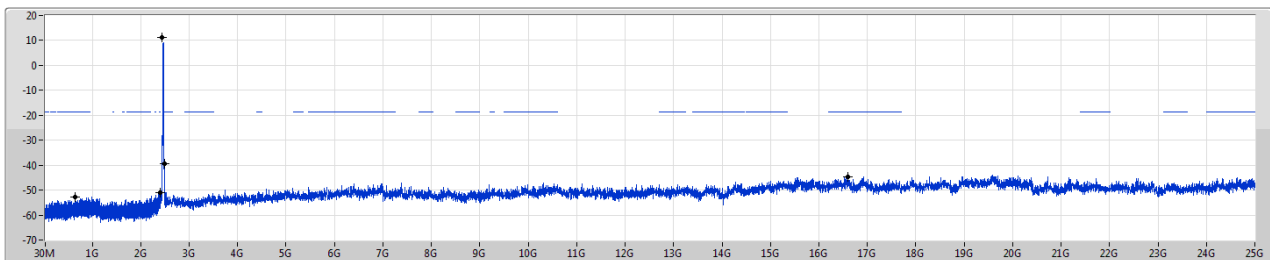
802.11g_Nss1,(6Mbps)_1TX

2462MHz

CSE NdB

09/07/2019

Port1



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

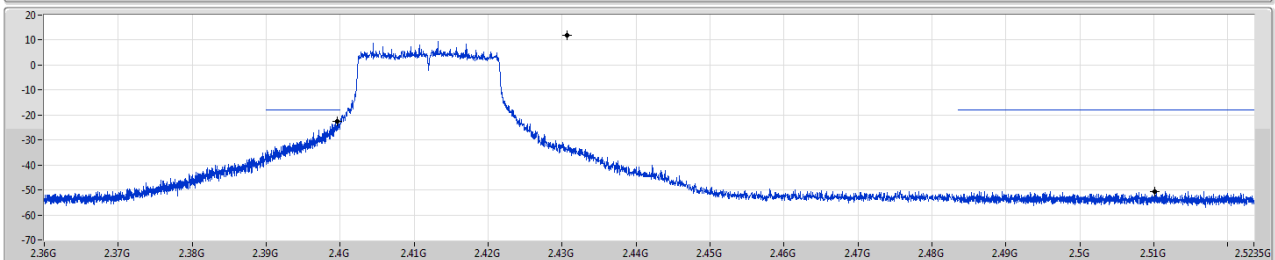
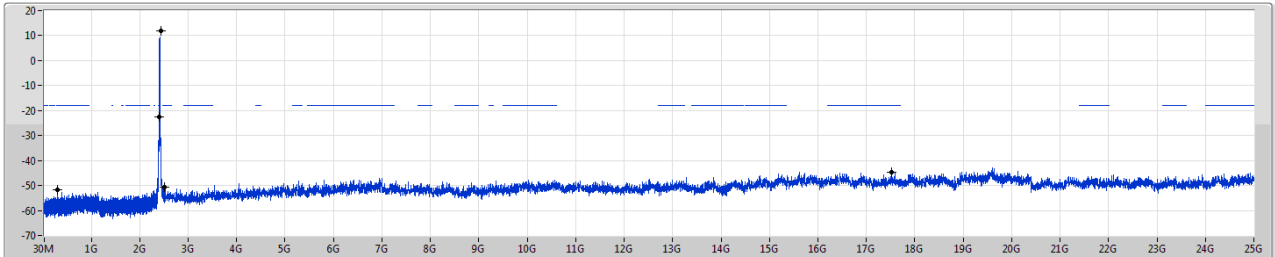
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43069G	11.26	-18.74	646.87M	-52.86	2.39406G	-51.02	2.48384G	-39.37	16.5966G	-44.54	1

802.11ax HEW20_Nss1,(MCS0)_1TX

2412MHz

CSE NdB

09/07/2019



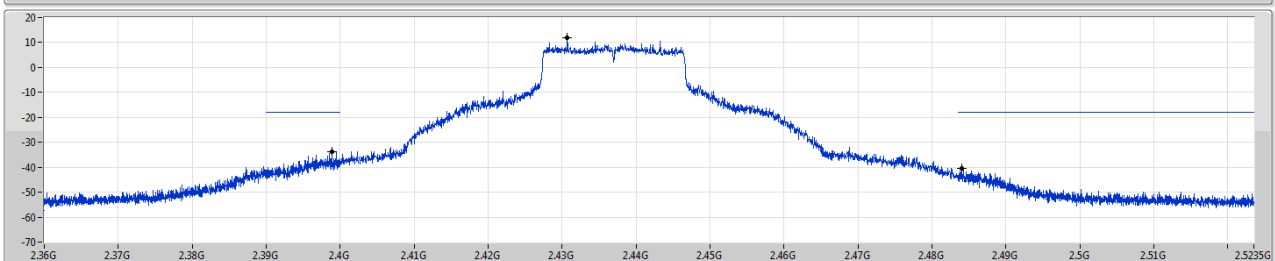
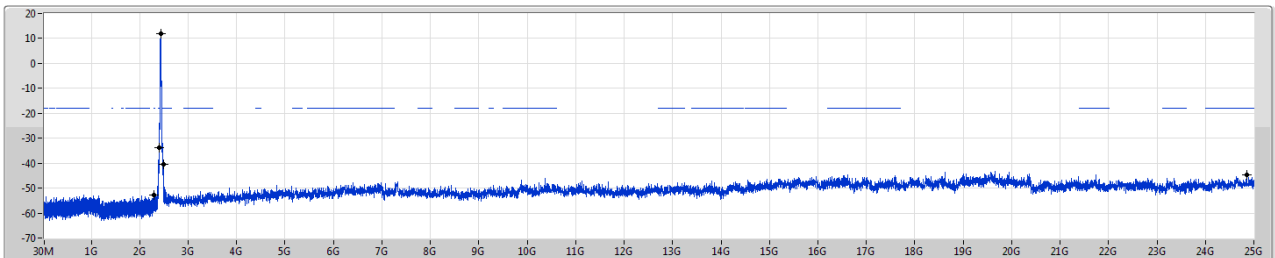
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43069G	11.89	-18.11	303.78M	-51.87	2.39962G	-22.43	2.51012G	-50.60	17.51533G	-44.65	1

802.11ax HEW20_Nss1,(MCS0)_1TX

2437MHz

CSE NdB

09/07/2019



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43069G	11.89	-18.11	2.30204G	-52.62	2.39888G	-33.64	2.484G	-40.63	24.84828G	-44.73	1

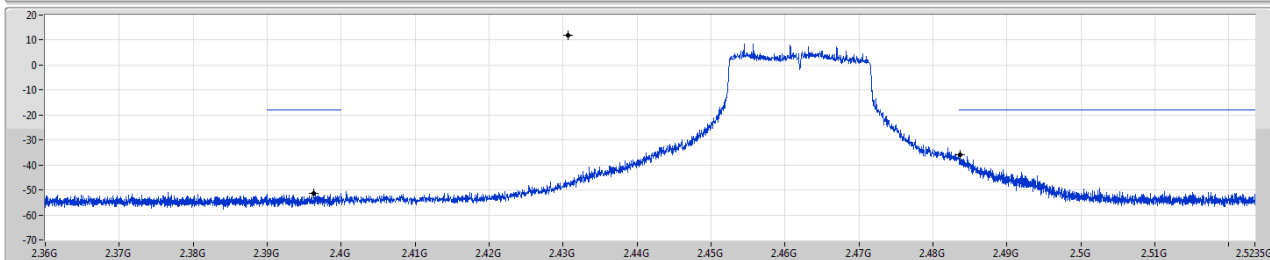
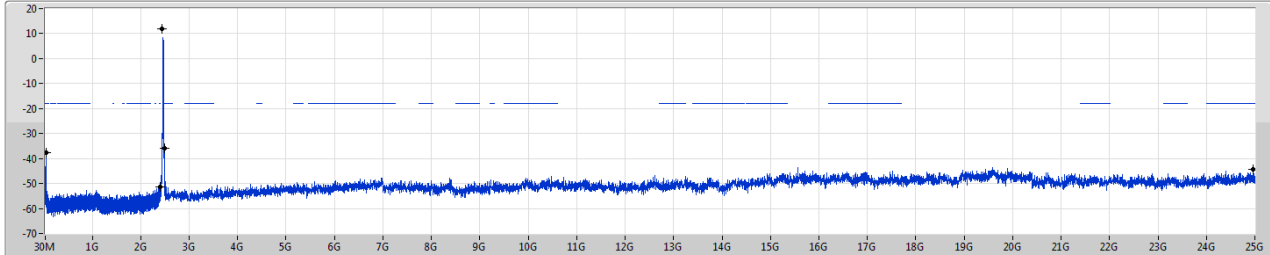
802.11ax HEW20_Nss1,(MCS0)_1TX

2462MHz

CSE NdB

09/07/2019

Port1



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

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43069G	11.89	-18.11	49.81M	-37.81	2.39628G	-51.30	2.4837G	-35.97	2.49719G	-44.48	1

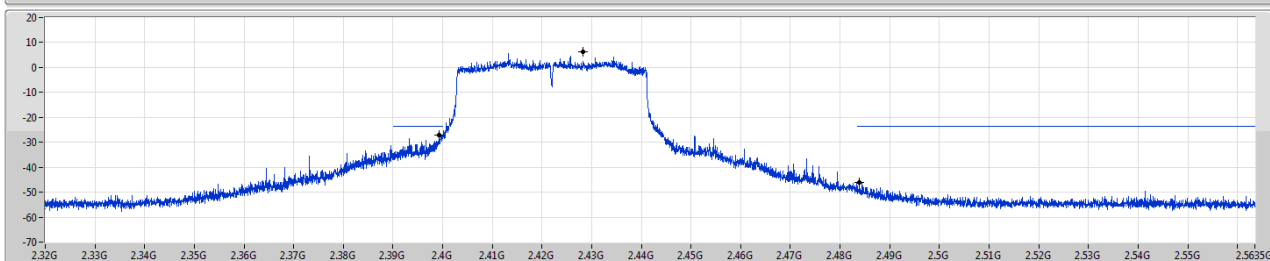
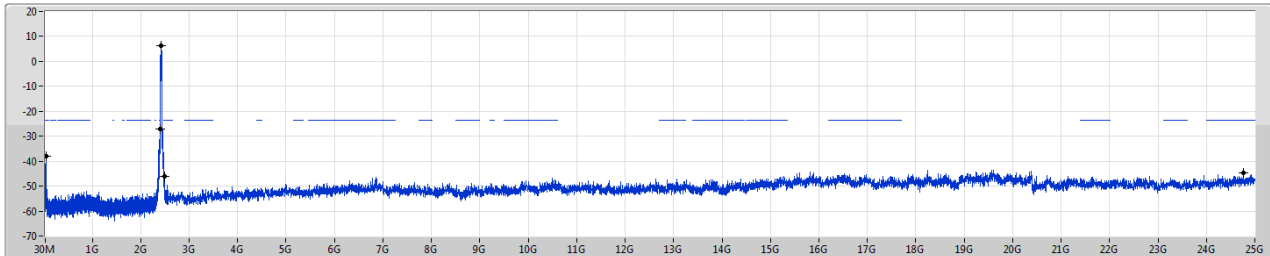
802.11ax HEW40_Nss1,(MCS0)_1TX

2422MHz

CSE NdB

09/07/2019

Port1



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

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.42822G	6.38	-23.62	49.75M	-37.89	2.39928G	-27.09	2.48382G	-45.97	2.476442G	-44.65	1

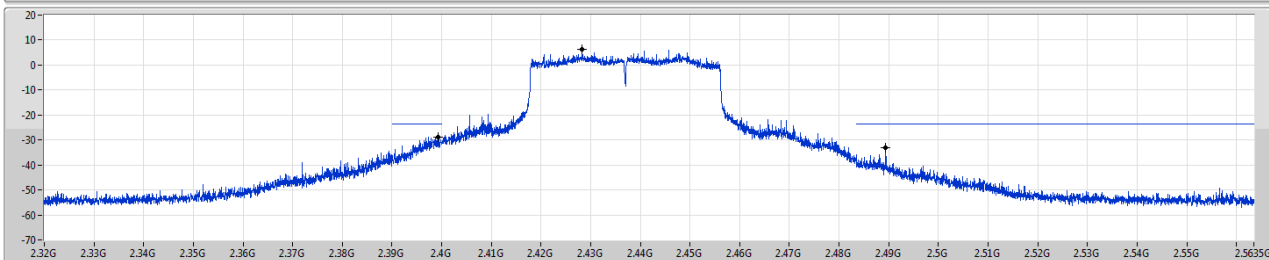
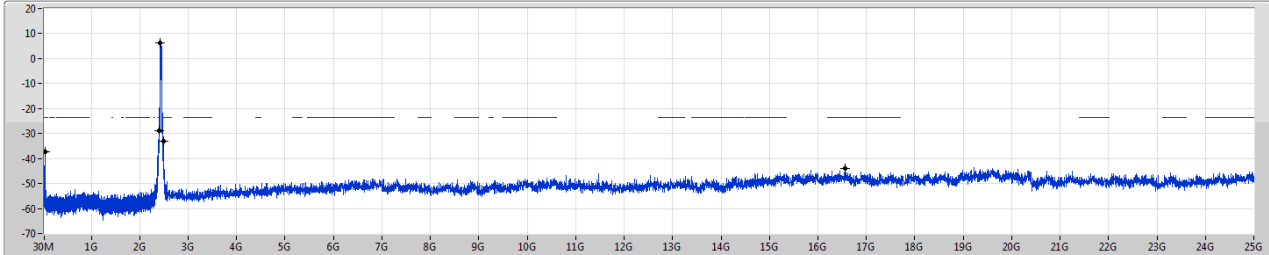
802.11ax HEW40_Nss1,(MCS0)_1TX

2437MHz

CSE NdB

09/07/2019

Port1



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

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.42822G	6.38	-23.62	49.75M	-37.41	2.3992G	-28.91	2.48942G	-33.13	16.55827G	-44.05	1

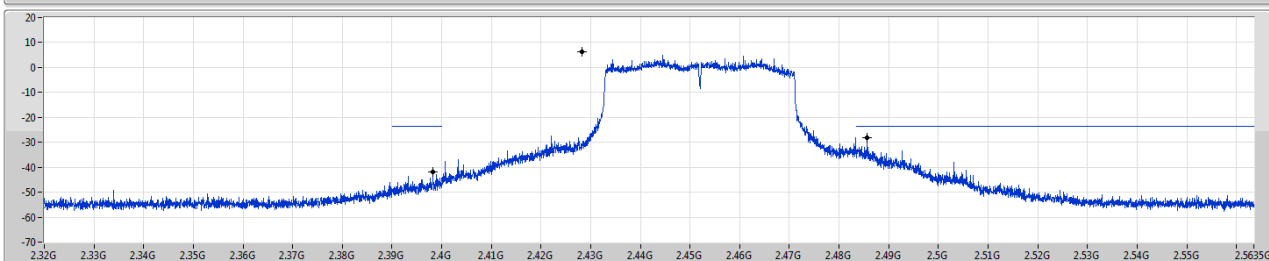
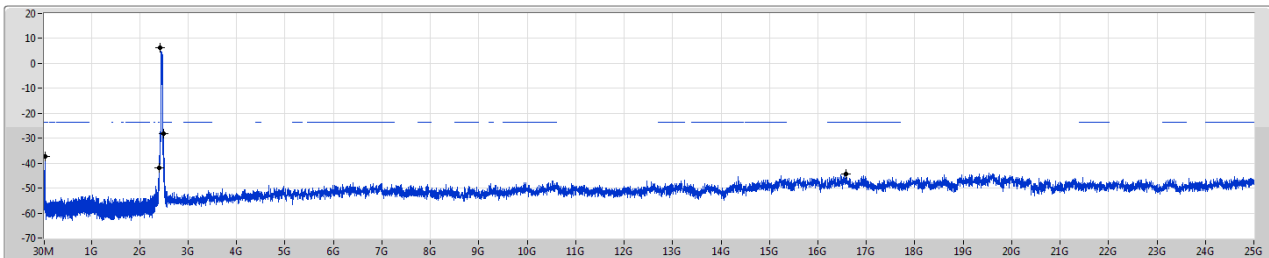
802.11ax HEW40_Nss1,(MCS0)_1TX

2452MHz

CSE NdB

09/07/2019

Port1



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

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
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

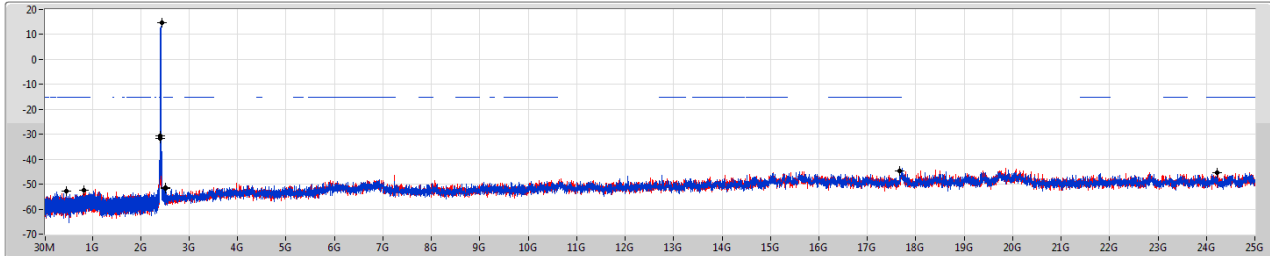
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43499G	14.76	-15.24	465.71M	-52.68	2.3995G	-31.69	2.51638G	-51.85	24.22175G	-45.51	1
2412MHz	Pass	2.43499G	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

802.11b_Nss1,(1Mbps)_2TX

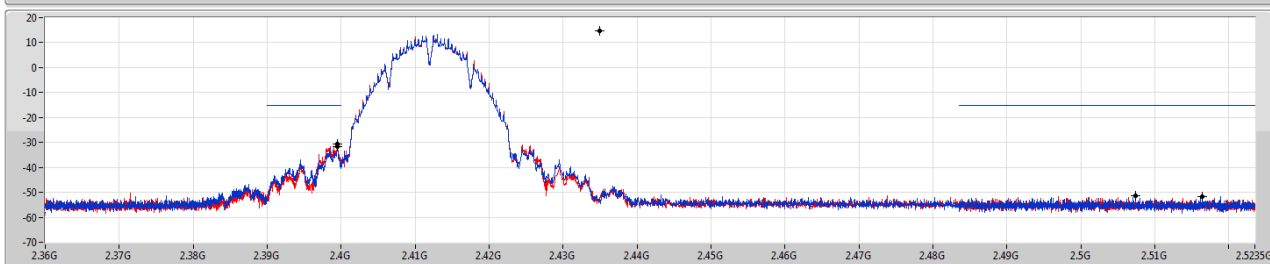
2412MHz

CSE NdB

08/07/2019



Port 1
Port 2



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

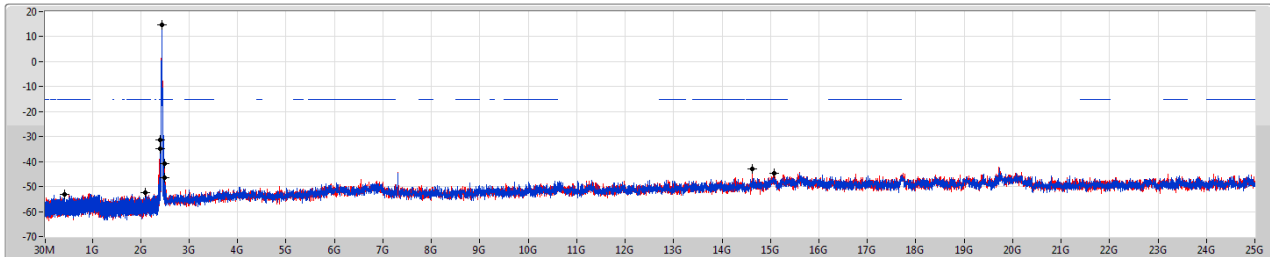
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43499G	14.76	-15.24	465.71M	-52.68	2.3995G	-31.69	2.51638G	-51.85	24.22175G	-45.51	1
2.43499G	14.76	-15.24	820.74M	-52.51	2.39946G	-30.69	2.50736G	-51.40	17.66985G	-44.61	2

802.11b_Nss1,(1Mbps)_2TX

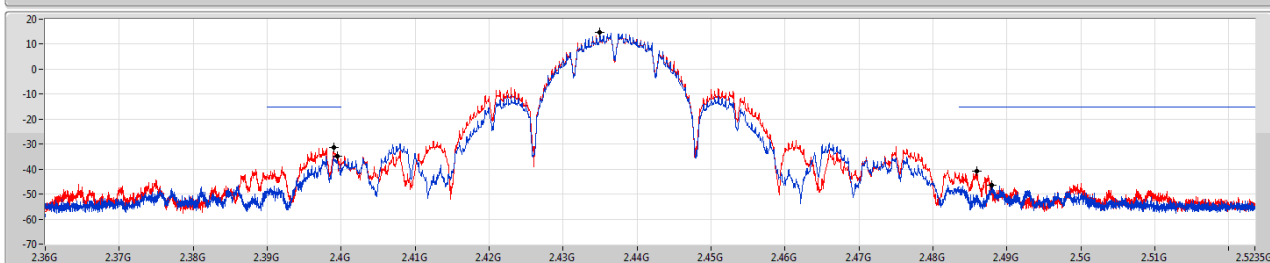
2437MHz

CSE NdB

08/07/2019



Port 1
Port 2



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

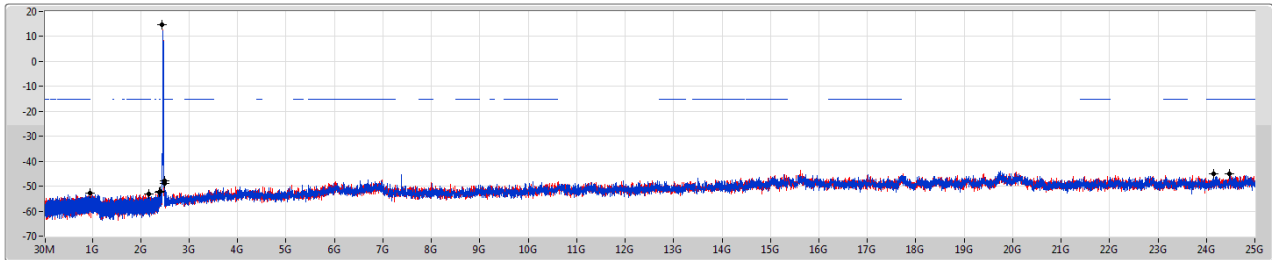
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43499G	14.76	-15.24	424.94M	-53.08	2.39948G	-34.74	2.48798G	-46.54	15.07382G	-44.84	1
2.43499G	14.76	-15.24	2.09059G	-52.29	2.39898G	-31.33	2.48594G	-40.91	14.62148G	-42.86	2

802.11b_Nss1,(1Mbps)_2TX

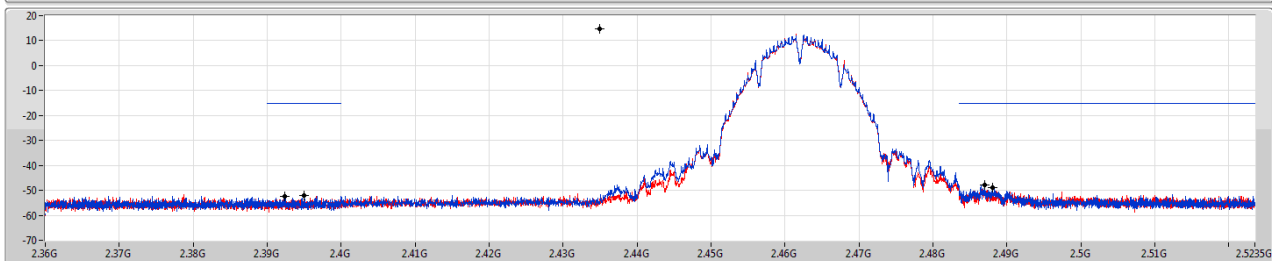
2462MHz

CSE NdB

08/07/2019



Port 1
Port 2



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

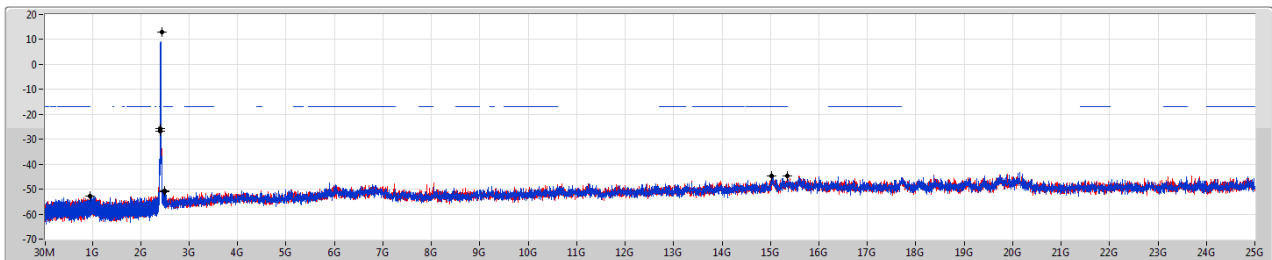
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43499G	14.76	-15.24	2.16399G	-53.08	2.39242G	-52.50	2.48702G	-47.70	2.415151G	-45.00	1
2.43499G	14.76	-15.24	957.92M	-52.69	2.395G	-52.07	2.48802G	-48.93	2.46618G	-44.96	2

802.11g_Nss1,(6Mbps)_2TX

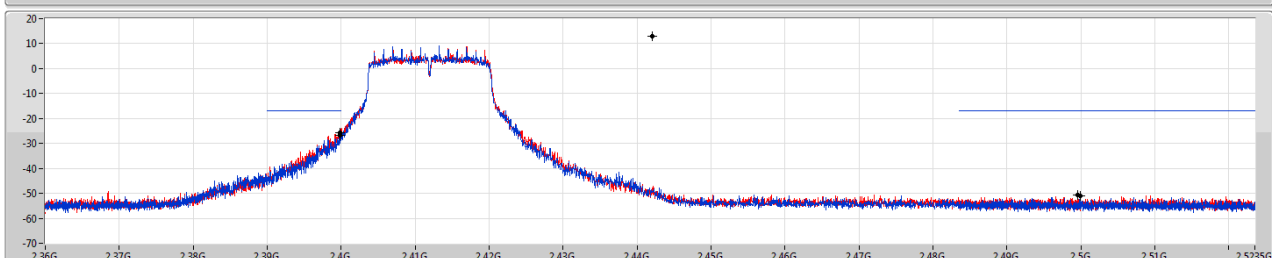
2412MHz

CSE NdB

08/07/2019



Port 1
Port 2



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

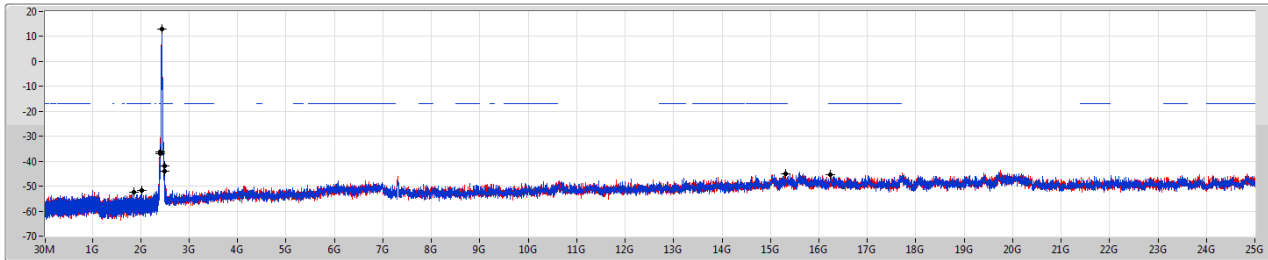
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.442G	13.01	-16.99	952.39M	-52.92	2.39988G	-26.80	2.49986G	-50.84	15.03167G	-44.84	1
2.442G	13.01	-16.99	945.69M	-52.73	2.39986G	-25.67	2.49952G	-50.67	15.34915G	-44.76	2

802.11g_Nss1,(6Mbps)_2TX

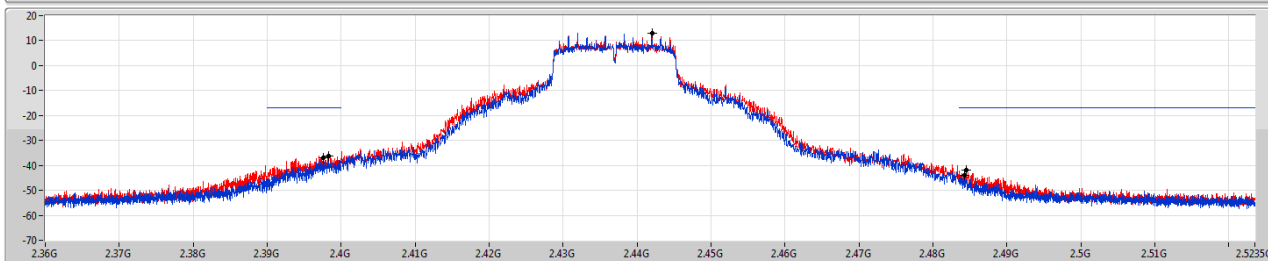
2437MHz

CSE NdB

08/07/2019



Port 1
Port 2



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

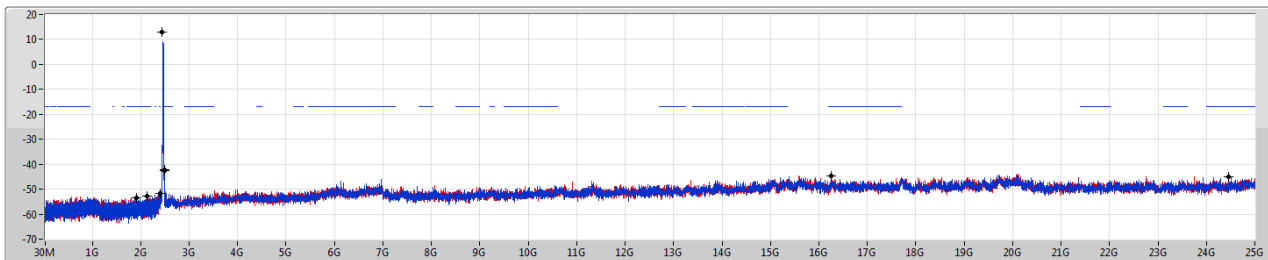
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.442G	13.01	-16.99	2.01924G	-51.84	2.39762G	-37.01	2.48426G	-43.96	16.23697G	-45.25	1
2.442G	13.01	-16.99	1.85847G	-52.31	2.39824G	-36.28	2.4845G	-41.93	15.31825G	-45.04	2

802.11g_Nss1,(6Mbps)_2TX

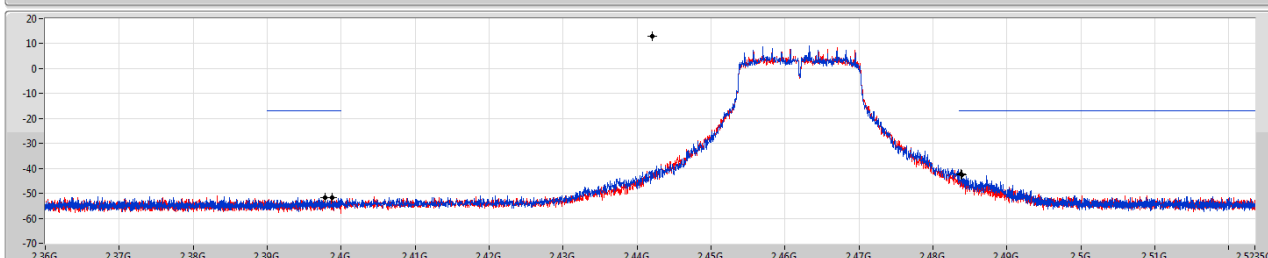
2462MHz

CSE NdB

08/07/2019



Port 1
Port 2



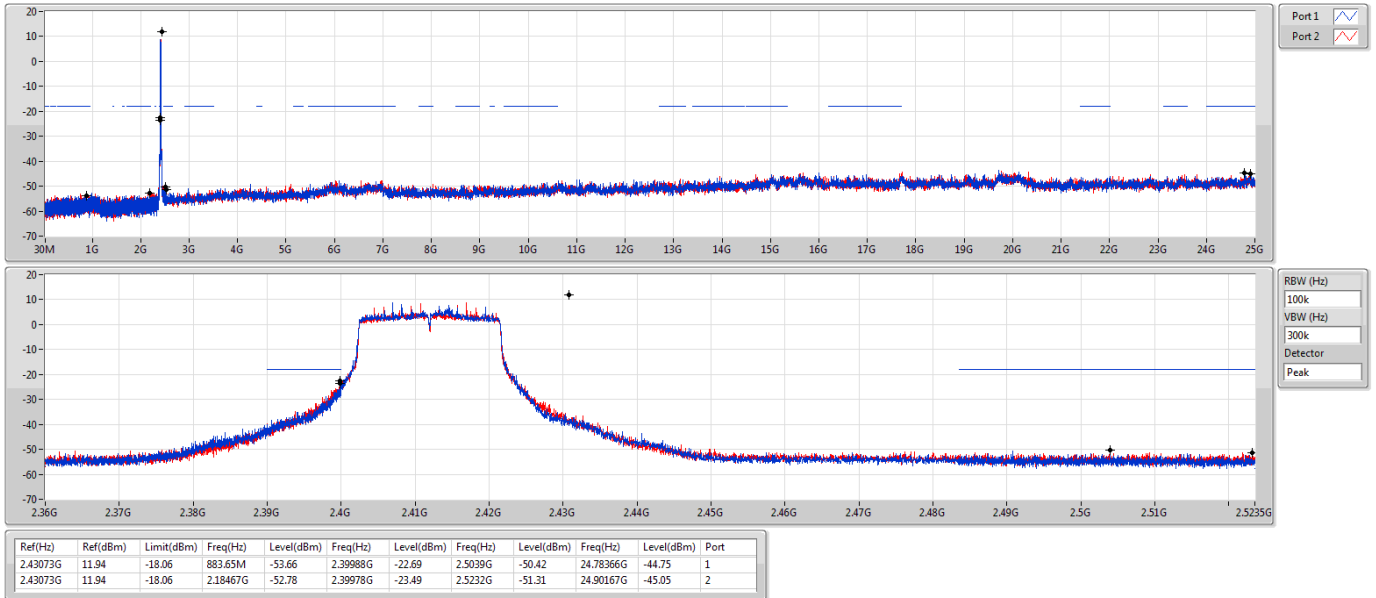
RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.442G	13.01	-16.99	1.9208G	-53.50	2.39784G	-51.62	2.48394G	-42.62	16.25664G	-44.81	1
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

CSE NdB

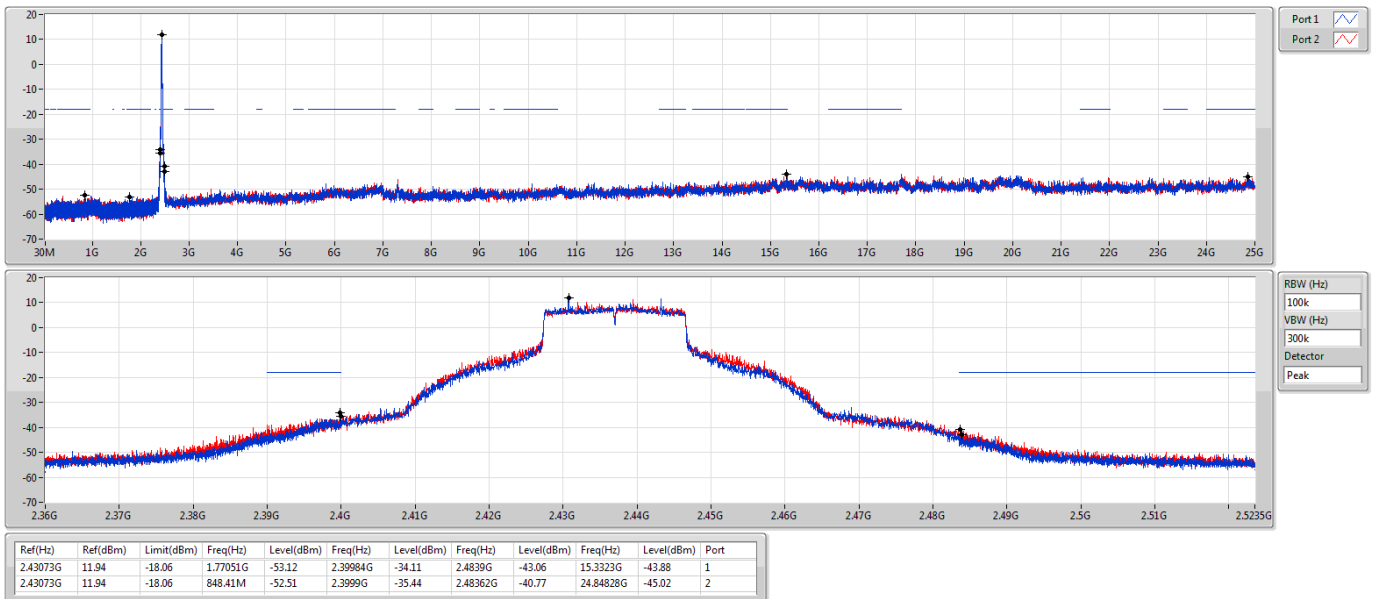
2412MHz



802.11ax HEW20_Nss1,(MCS0)_2TX

CSE NdB

2437MHz

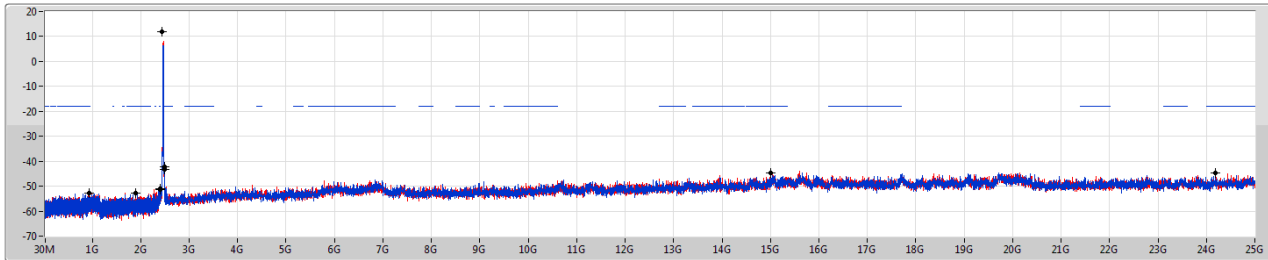


802.11ax HEW20_Nss1,(MCS0)_2TX

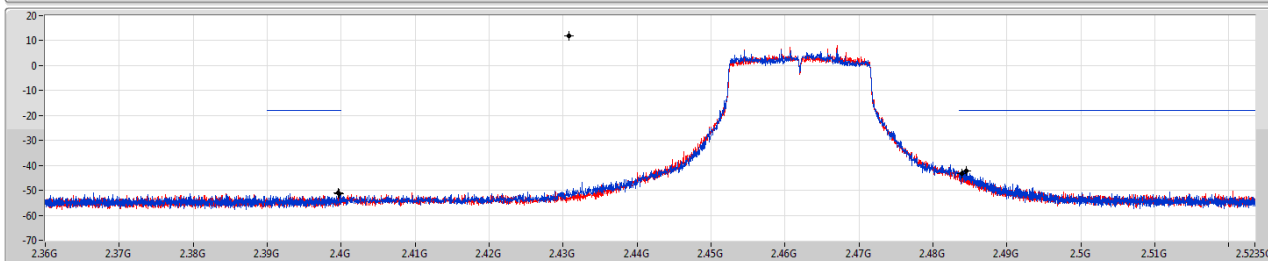
2462MHz

CSE NdB

08/07/2019



Port 1
Port 2



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

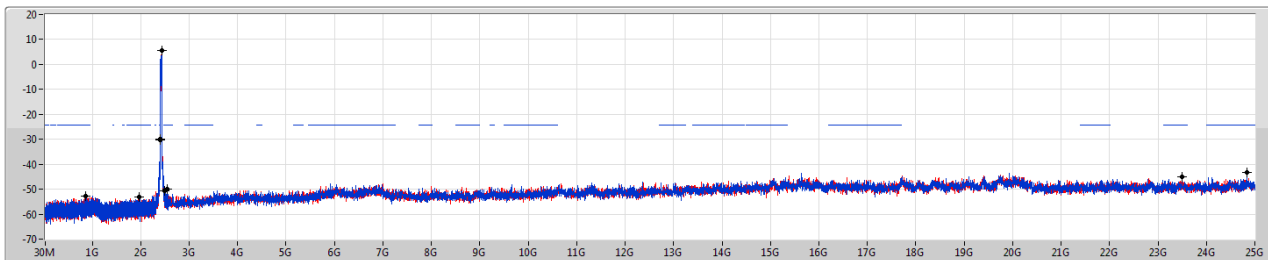
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43073G	11.94	-18.06	936.66M	-52.68	2.39976G	-51.21	2.48454G	-42.07	24.17961G	-44.60	1
2.43073G	11.94	-18.06	1.89487G	-52.88	2.3996G	-51.17	2.48392G	-43.27	14.99796G	-44.67	2

802.11ax HEW40_Nss1,(MCS0)_2TX

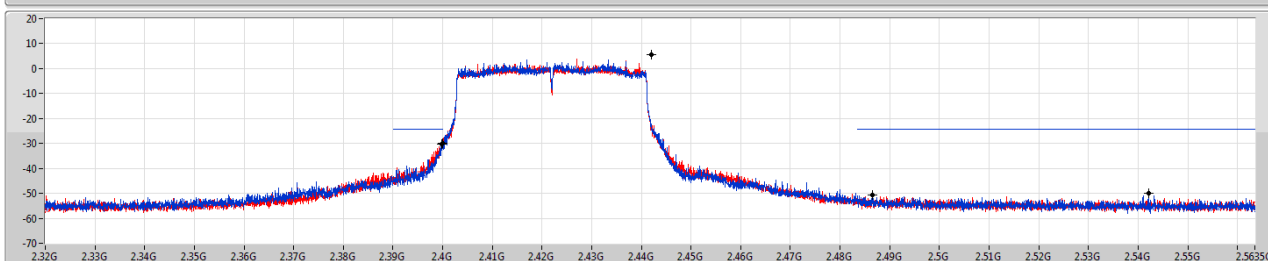
2422MHz

CSE NdB

08/07/2019



Port 1
Port 2



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

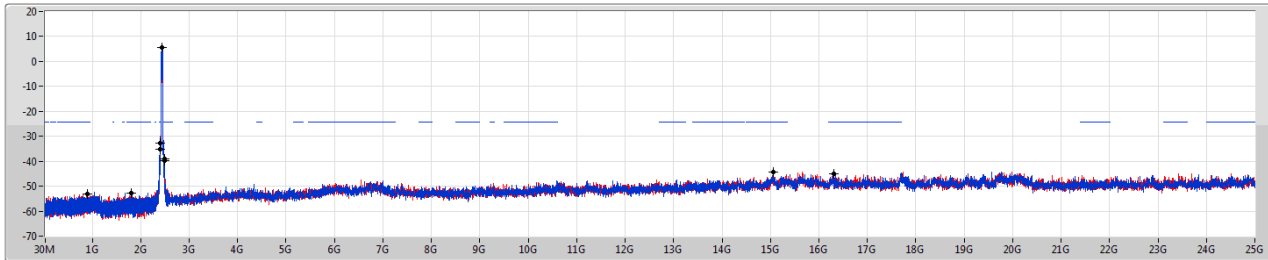
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.442G	5.73	-24.27	855.26M	-52.76	2.39984G	-30.36	2.54218G	-49.92	24.83173G	-43.44	1
2.442G	5.73	-24.27	1.96677G	-53.06	2.39996G	-30.00	2.4865G	-50.63	23.50517G	-44.87	2

802.11ax HEW40_Nss1,(MCS0)_2TX

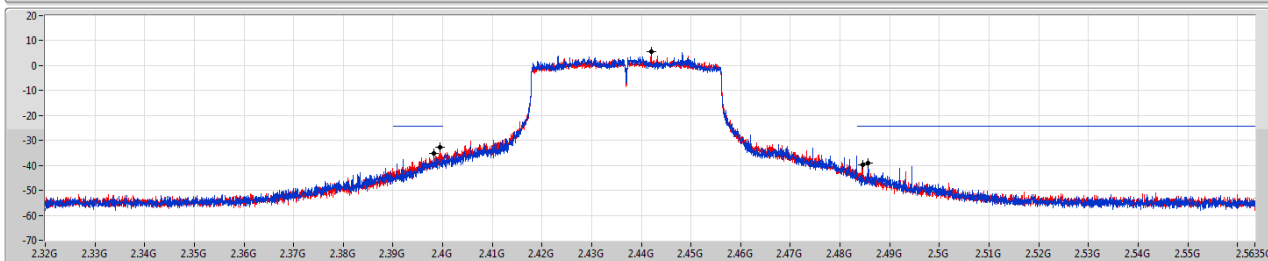
2437MHz

CSE NdB

08/07/2019



Port 1
Port 2



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

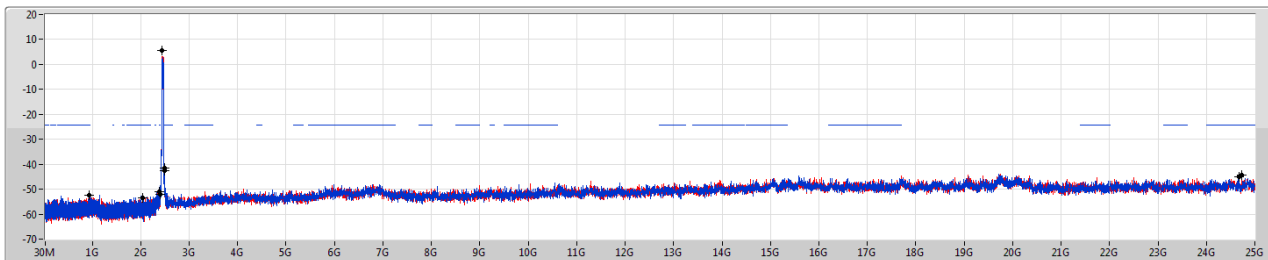
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.442G	5.73	-24.27	1.81048G	-52.69	2.39824G	-35.33	2.4857G	-39.15	15.05502G	-44.38	1
2.442G	5.73	-24.27	907.36M	-52.95	2.39948G	-32.67	2.4845G	-39.84	16.31427G	-45.00	2

802.11ax HEW40_Nss1,(MCS0)_2TX

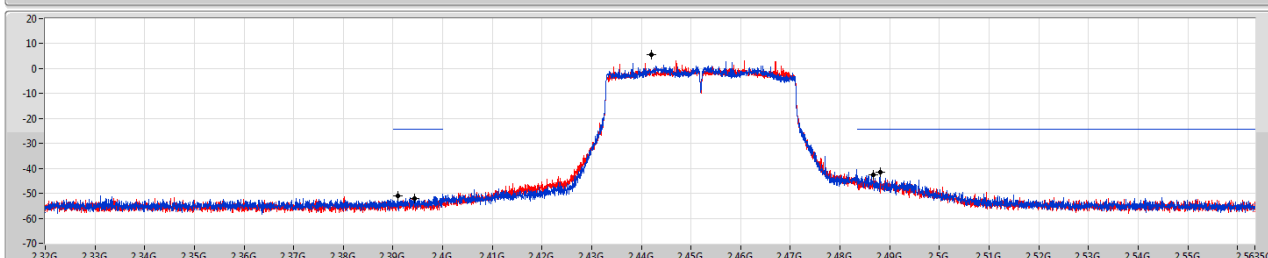
2452MHz

CSE NdB

08/07/2019



Port 1
Port 2



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

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.442G	5.73	-24.27	928.54M	-52.57	2.39104G	-51.14	2.48814G	-41.63	24.68308G	-45.14	1
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

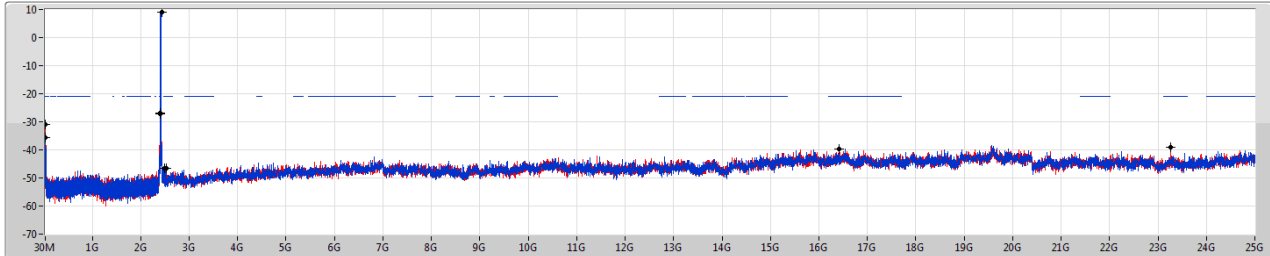
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43849G	9.21	-20.79	31.17M	-35.68	2.39996G	-26.94	2.49398G	-46.55	16.4196G	-39.81	1
2412MHz	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 HEW20-BF_Nss1,(MCS0)_2TX

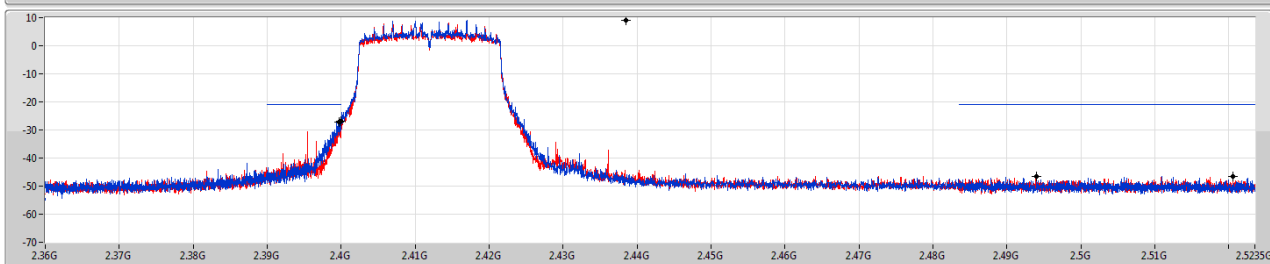
2412MHz

CSE NdB

09/07/2019



Port 1
Port 2



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

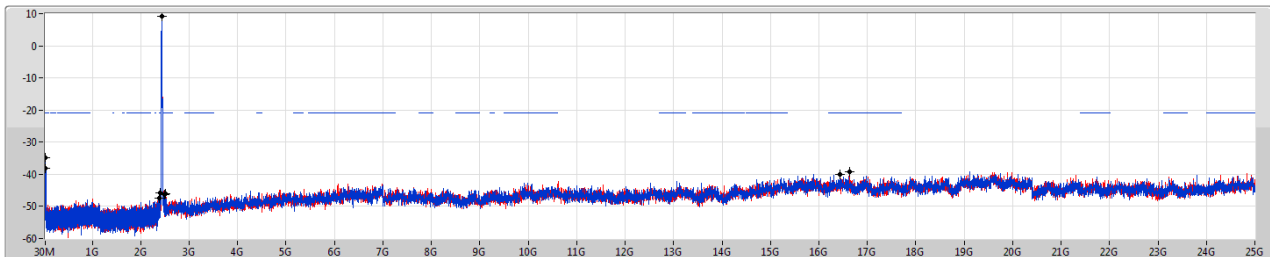
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43849G	9.21	-20.79	31.17M	-35.68	2.39996G	-26.94	2.49398G	-46.55	16.4196G	-39.81	1
2.43849G	9.21	-20.79	30.58M	-30.86	2.39966G	-27.12	2.52052G	-46.41	23.26931G	-39.06	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

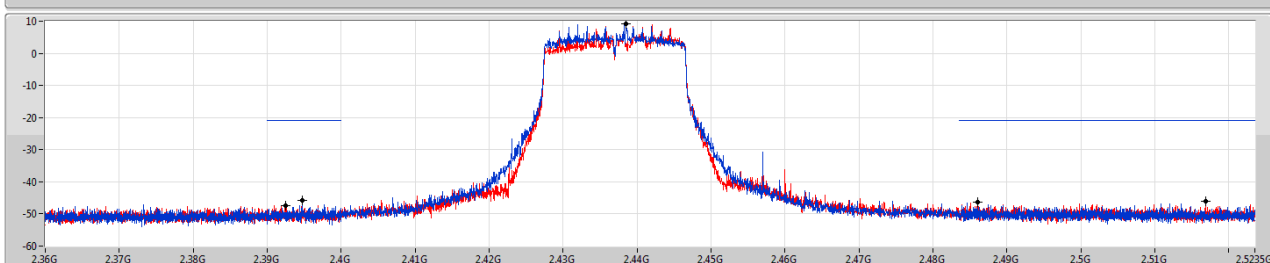
2437MHz

CSE NdB

09/07/2019



Port 1
Port 2



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

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43849G	9.21	-20.79	32.04M	-34.90	2.3947G	-45.72	2.48602G	-46.34	16.43364G	-40.08	1
2.43849G	9.21	-20.79	32.04M	-38.03	2.39252G	-47.31	2.51682G	-46.19	16.63312G	-39.19	2