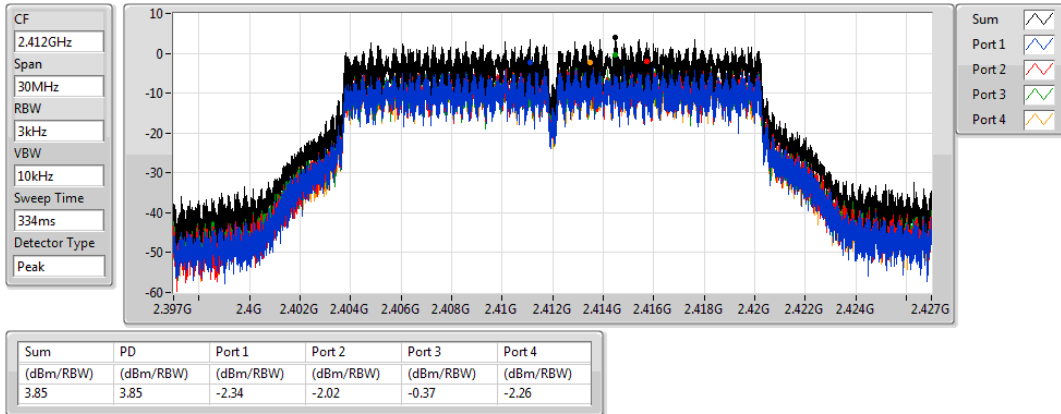


802.11g_Nss1,(6Mbps)_4TX

PSD

2412MHz

03/09/2019

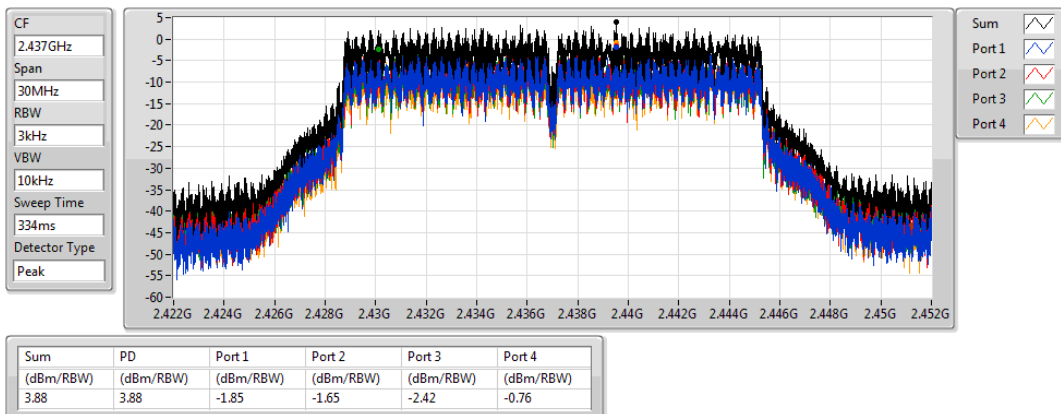


802.11g_Nss1,(6Mbps)_4TX

PSD

2437MHz

03/09/2019

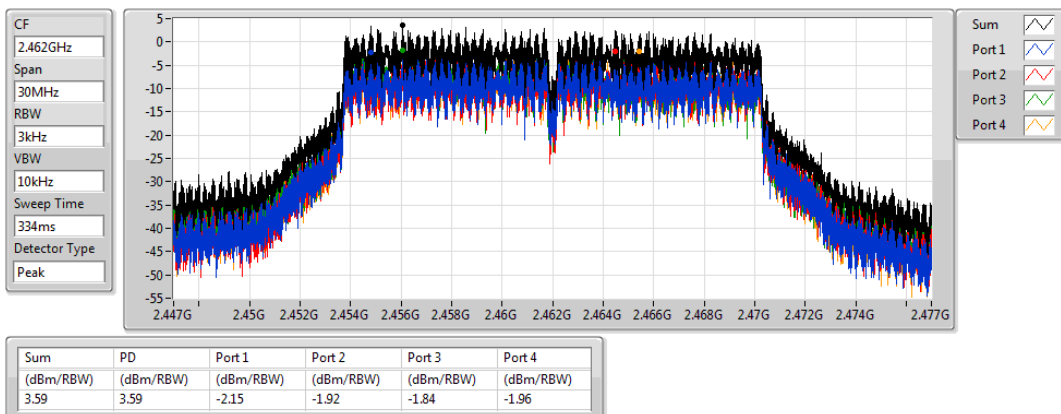


802.11g_Nss1,(6Mbps)_4TX

PSD

2462MHz

03/09/2019

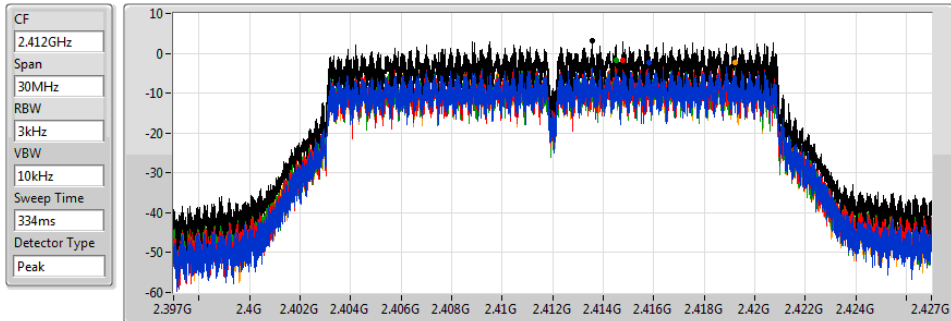


VHT20_Nss1,(MCS0)_4TX

2412MHz

PSD

03/09/2019



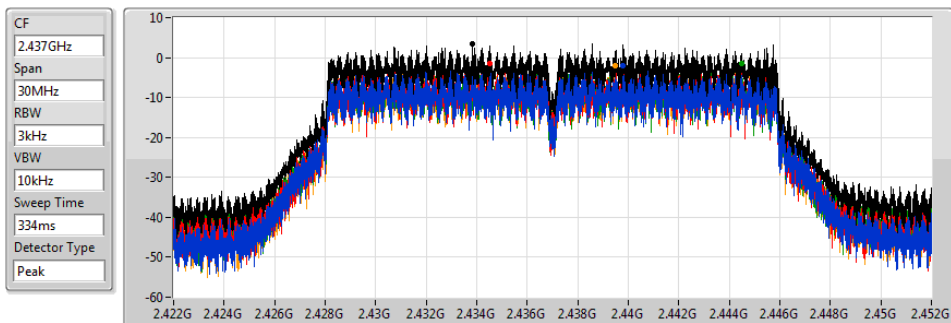
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.04	3.04	-2.25	-1.71	-1.68	-2.35

VHT20_Nss1,(MCS0)_4TX

2437MHz

PSD

03/09/2019



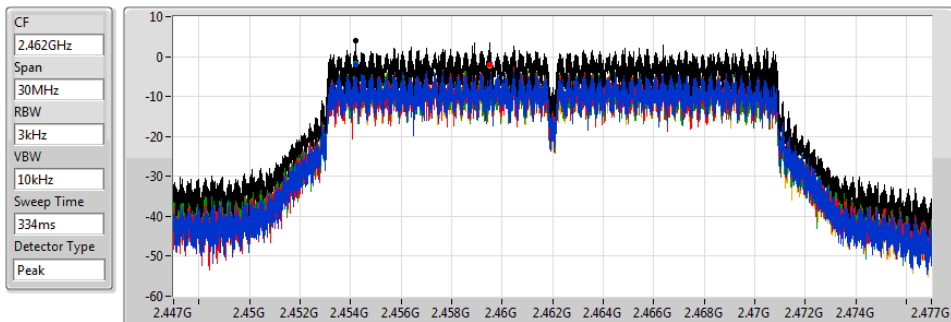
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.45	3.45	-2.14	-1.54	-1.55	-1.90

VHT20_Nss1,(MCS0)_4TX

2462MHz

PSD

03/09/2019



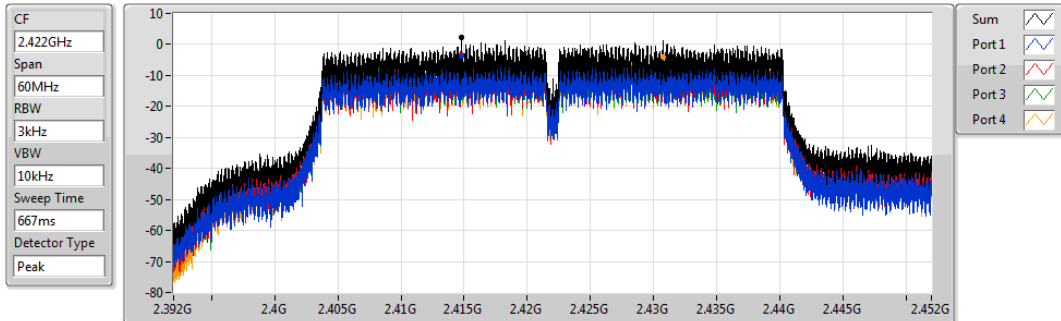
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.92	3.92	-2.02	-1.94	-1.63	-2.29

VHT40_Nss1,(MCS0)_4TX

PSD

2422MHz

03/09/2019



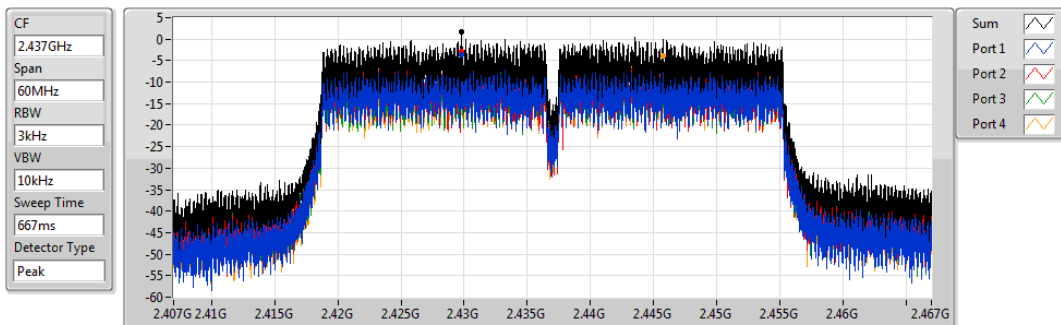
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.31	2.31	-3.85	-3.26	-3.73	-3.95

VHT40_Nss1,(MCS0)_4TX

PSD

2437MHz

03/09/2019



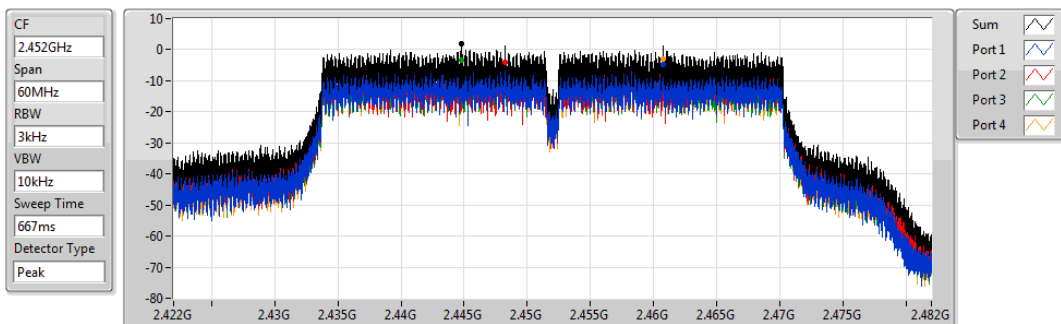
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.80	1.80	-3.52	-2.84	-3.51	-3.84

VHT40_Nss1,(MCS0)_4TX

PSD

2452MHz

03/09/2019



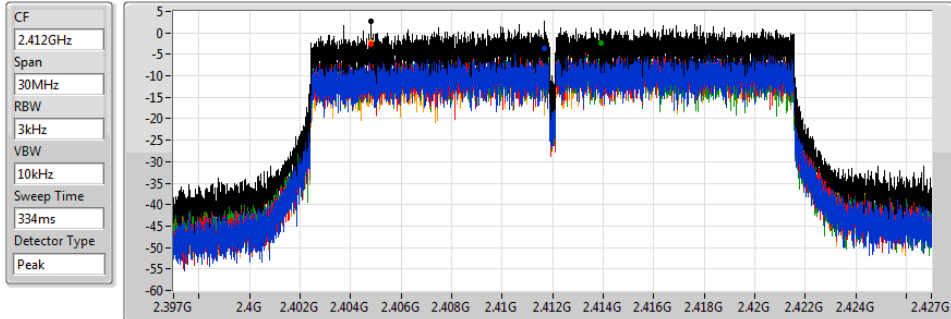
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.76	1.76	-4.64	-4.17	-3.34	-3.16

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

2412MHz

03/09/2019



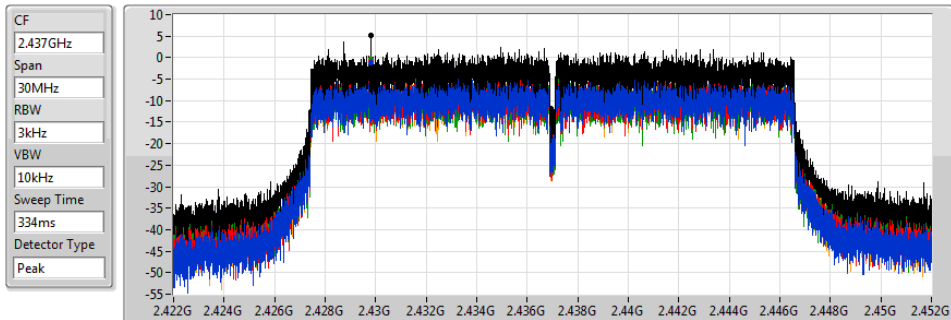
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.70	2.70	-3.62	-2.50	-2.48	-2.03

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

2437MHz

03/09/2019



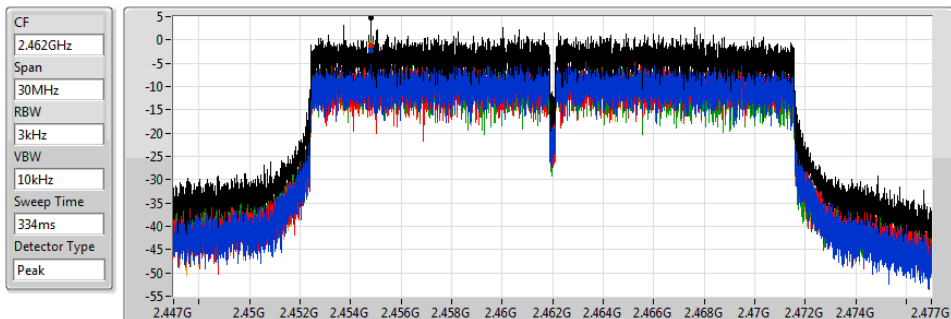
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.19	5.19	-1.19	-0.80	-0.47	-0.88

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

2462MHz

03/09/2019



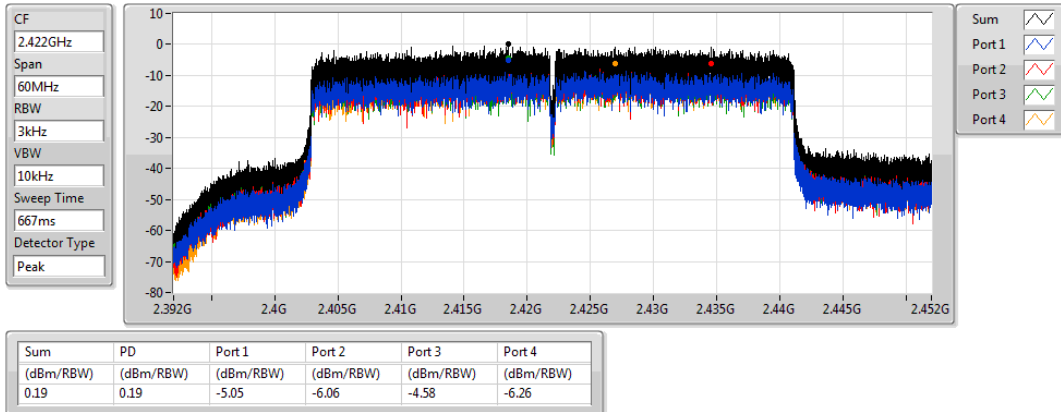
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.67	4.67	-2.18	-1.36	-1.03	-0.94

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

2422MHz

03/09/2019

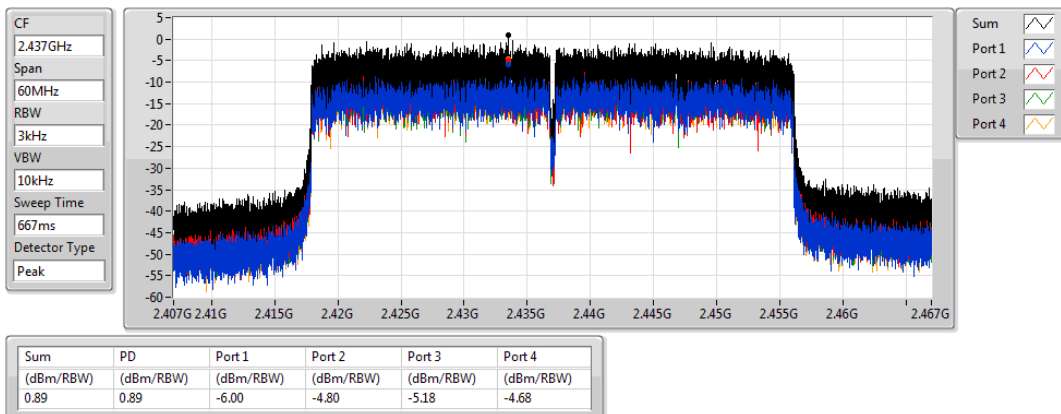


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

2437MHz

03/09/2019

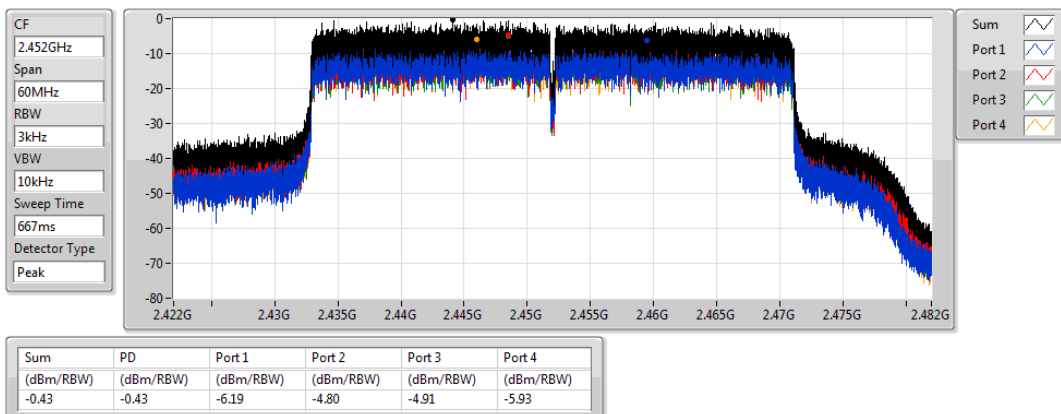


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

2452MHz

03/09/2019





**4T2S
Summary**

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
VHT20_Nss2,(MCS0)_4TX	1.35
VHT40_Nss2,(MCS0)_4TX	-0.82
802.11ax HEW20_Nss2,(MCS0)_4TX	0.91
802.11ax HEW40_Nss2,(MCS0)_4TX	-1.89

RBW=3 kHz.

Result

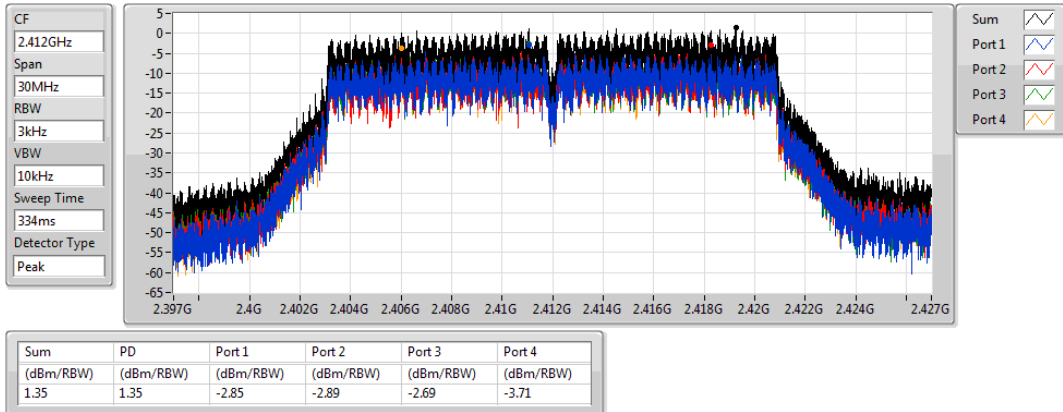
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
VHT20_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	5.88	-2.85	-2.89	-2.69	-3.71	1.35	8.00
2462MHz	Pass	5.88	-2.11	-3.06	-2.29	-2.99	1.09	8.00
VHT40_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	5.88	-5.95	-4.54	-5.33	-4.73	-0.82	8.00
2437MHz	Pass	5.88	-6.79	-5.09	-5.64	-5.28	-1.31	8.00
2452MHz	Pass	5.88	-6.46	-5.29	-5.29	-5.02	-0.89	8.00
802.11ax HEW20_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	5.88	-3.52	-3.55	-3.75	-3.26	0.91	8.00
2462MHz	Pass	5.88	-3.85	-3.70	-3.50	-3.45	0.89	8.00
802.11ax HEW40_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	5.88	-8.24	-6.73	-7.75	-7.53	-2.69	8.00
2437MHz	Pass	5.88	-7.39	-5.97	-7.18	-7.05	-1.89	8.00
2452MHz	Pass	5.88	-7.61	-6.95	-7.23	-7.67	-2.36	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;

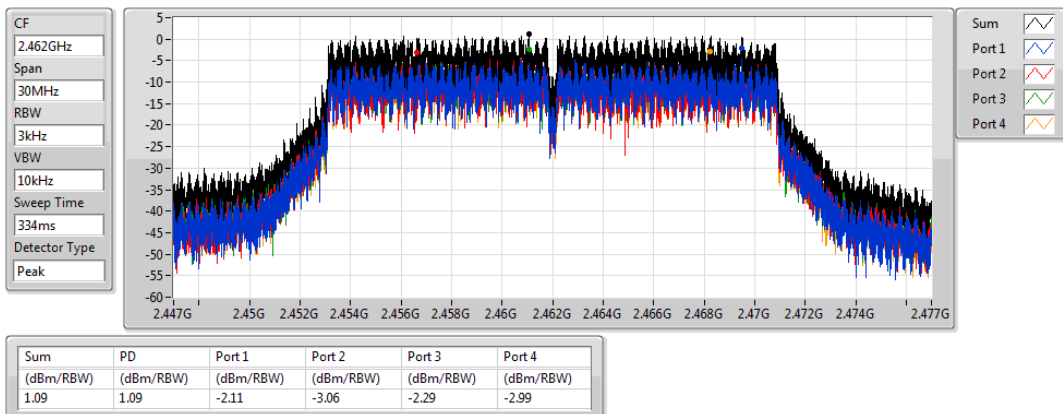
VHT20_Nss2,(MCS0)_4TX

2412MHz



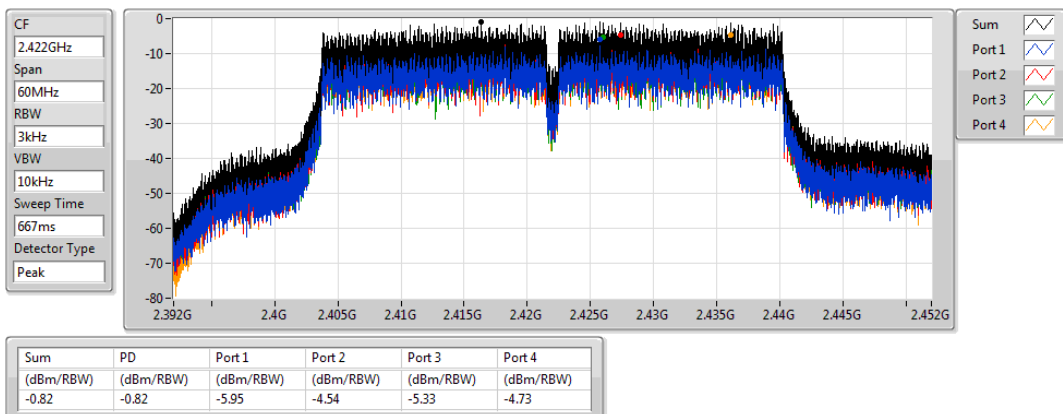
VHT20_Nss2,(MCS0)_4TX

2462MHz



VHT40_Nss2,(MCS0)_4TX

2422MHz

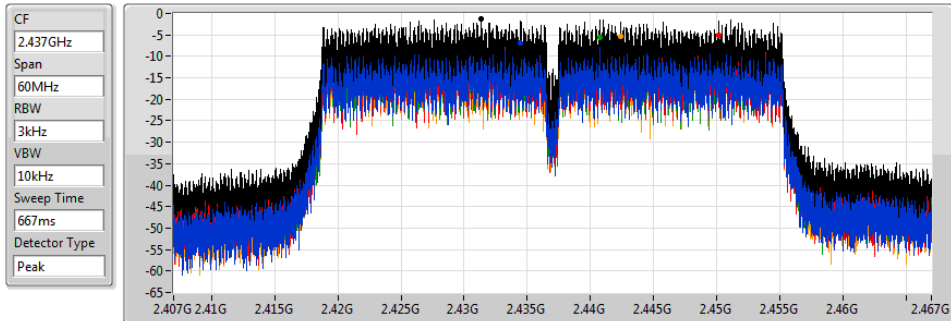


VHT40_Nss2,(MCS0)_4TX

2437MHz

PSD

04/09/2019



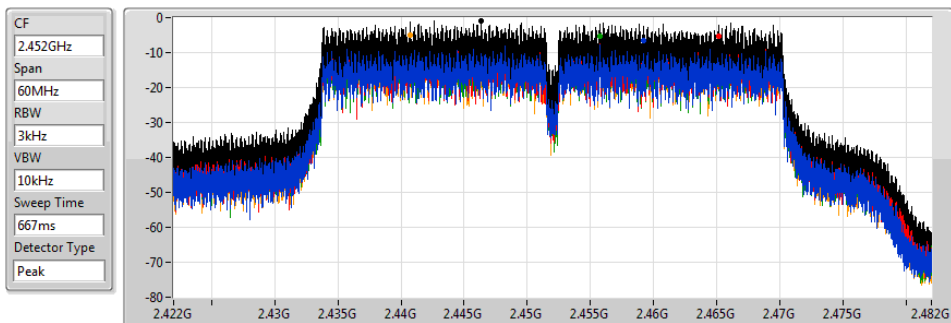
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.31	-1.31	-6.79	-5.09	-5.64	-5.28

VHT40_Nss2,(MCS0)_4TX

2452MHz

PSD

04/09/2019



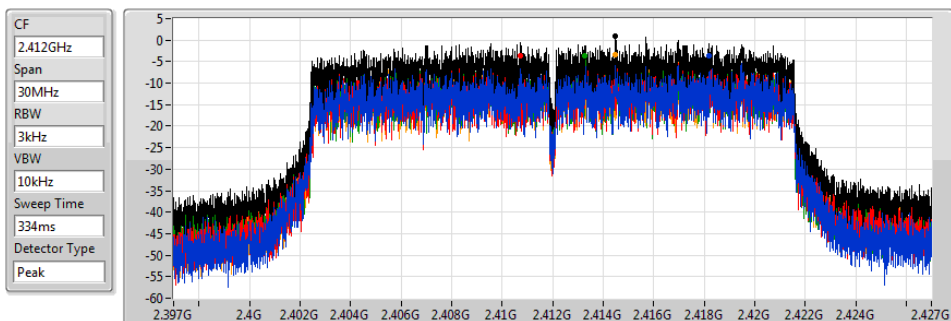
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.89	-0.89	-6.46	-5.29	-5.29	-5.02

802.11ax HEW20_Nss2,(MCS0)_4TX

2412MHz

PSD

04/09/2019



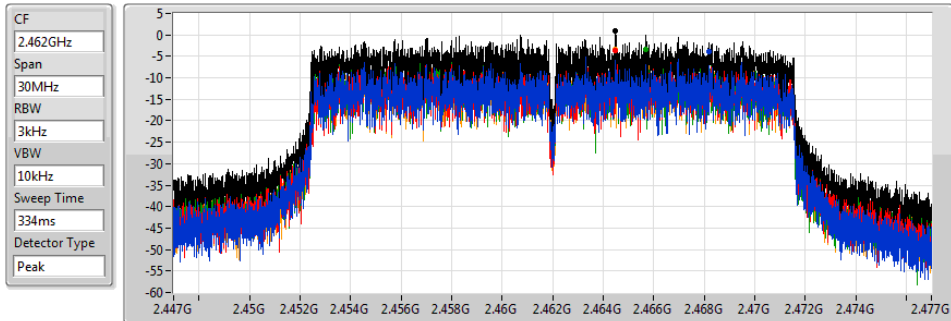
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.91	0.91	-3.52	-3.55	-3.75	-3.26

802.11ax HEW20_Nss2,(MCS0)_4TX

2462MHz

PSD

04/09/2019



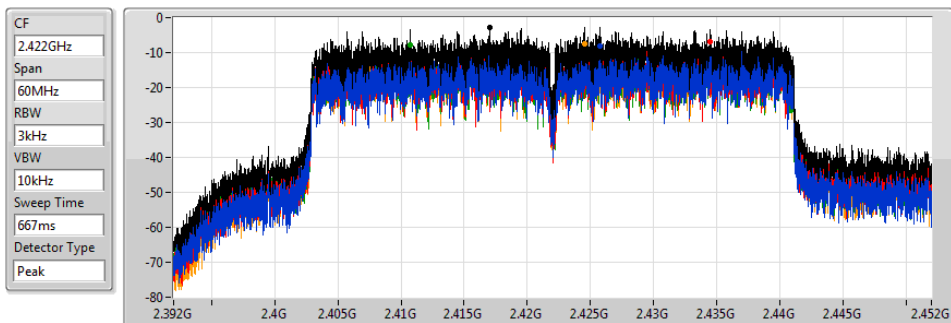
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.89	0.89	-3.85	-3.70	-3.50	-3.45

802.11ax HEW40_Nss2,(MCS0)_4TX

2422MHz

PSD

04/09/2019



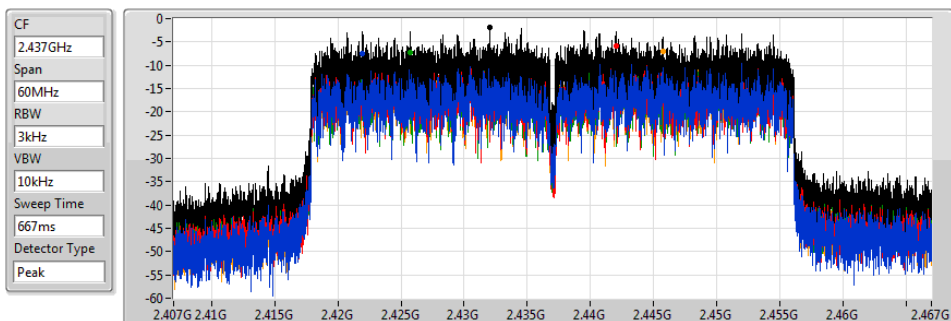
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.69	-2.69	-8.24	-6.73	-7.75	-7.53

802.11ax HEW40_Nss2,(MCS0)_4TX

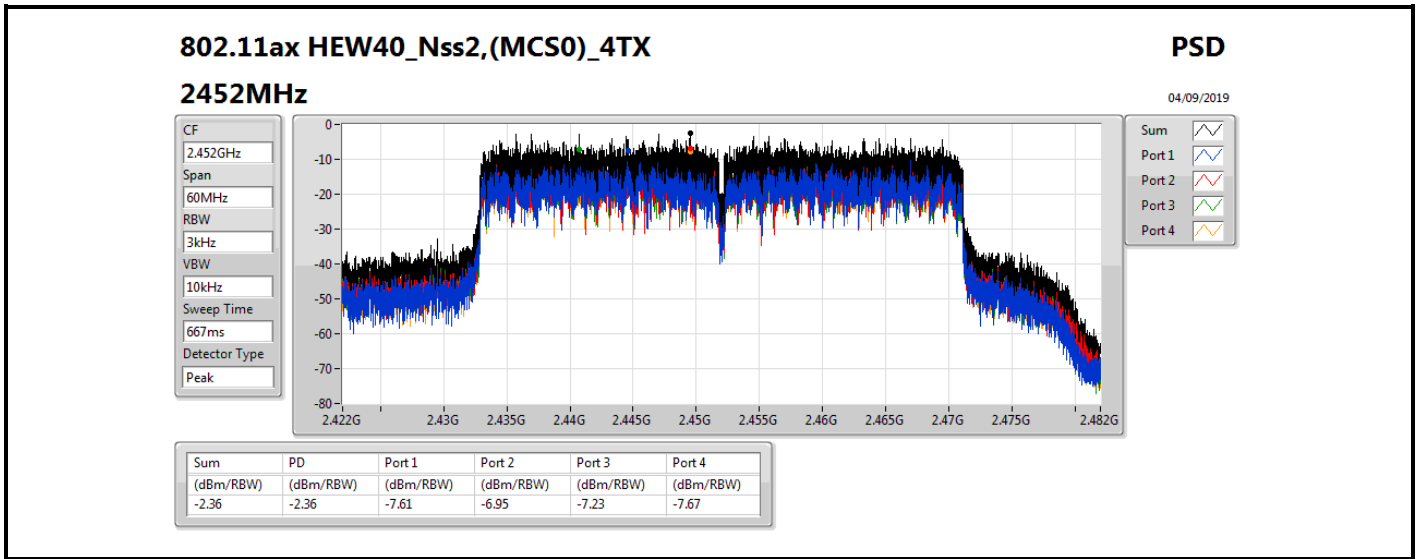
2437MHz

PSD

04/09/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.89	-1.89	-7.39	-5.97	-7.18	-7.05





**4T3S
Summary**

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
VHT20_Nss3,(MCS0)_4TX	0.97
VHT40_Nss3,(MCS0)_4TX	-1.21
802.11ax HEW20_Nss3,(MCS0)_4TX	1.17
802.11ax HEW40_Nss3,(MCS0)_4TX	-2.96

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)
VHT20_Nss3,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	5.88	-1.85	-2.96	-3.19	-2.60	0.50	8.00
2462MHz	Pass	5.88	-2.18	-2.81	-1.76	-3.06	0.97	8.00
VHT40_Nss3,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	5.88	-5.12	-5.06	-5.08	-4.90	-1.21	8.00
2437MHz	Pass	5.88	-5.39	-5.04	-6.36	-5.42	-1.47	8.00
2452MHz	Pass	5.88	-6.79	-5.94	-5.76	-6.06	-2.57	8.00
802.11ax HEW20_Nss3,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	5.88	-4.93	-1.80	-3.15	-3.95	1.17	8.00
2462MHz	Pass	5.88	-5.17	-2.64	-3.26	-4.57	0.59	8.00
802.11ax HEW40_Nss3,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	5.88	-7.29	-7.51	-7.73	-7.63	-2.96	8.00
2437MHz	Pass	5.88	-8.65	-7.34	-8.52	-7.67	-3.45	8.00
2452MHz	Pass	5.88	-7.67	-8.07	-8.90	-8.21	-3.30	8.00

DG = Directional Gain; RBW=3 kHz;

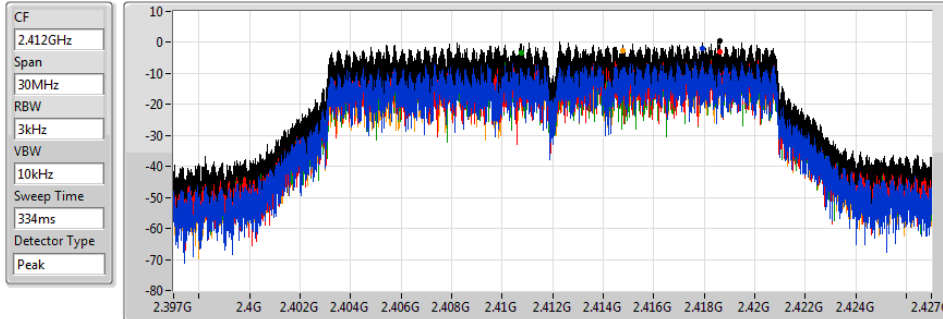
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

VHT20_Nss3,(MCS0)_4TX

PSD

2412MHz

05/09/2019



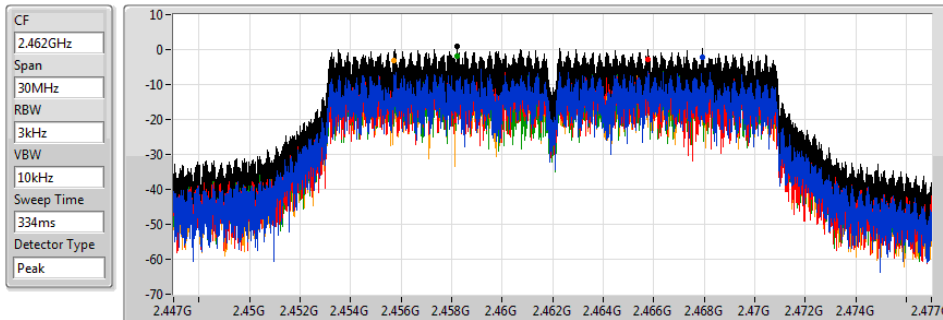
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.50	0.50	-1.85	-2.96	-3.19	-2.60

VHT20_Nss3,(MCS0)_4TX

PSD

2462MHz

05/09/2019



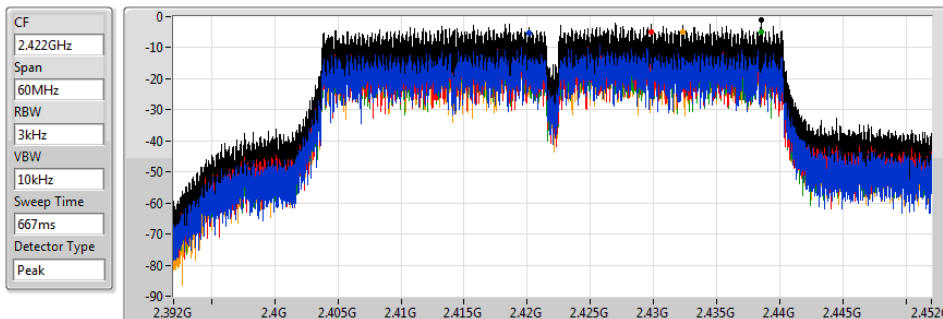
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.97	0.97	-2.18	-2.81	-1.76	-3.06

VHT40_Nss3,(MCS0)_4TX

PSD

2422MHz

04/09/2019



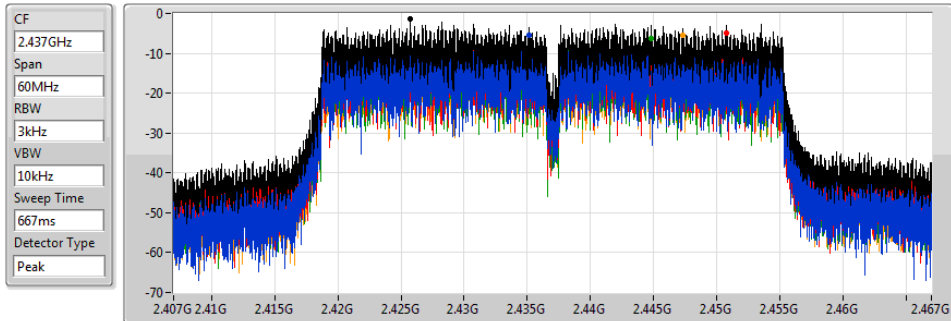
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.21	-1.21	-5.12	-5.06	-5.08	-4.90

VHT40_Nss3,(MCS0)_4TX

2437MHz

PSD

04/09/2019



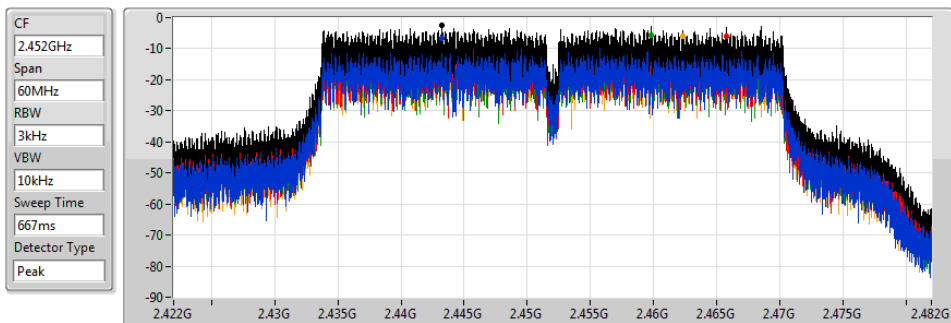
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.47	-1.47	-5.39	-5.04	-6.36	-5.42

VHT40_Nss3,(MCS0)_4TX

2452MHz

PSD

04/09/2019



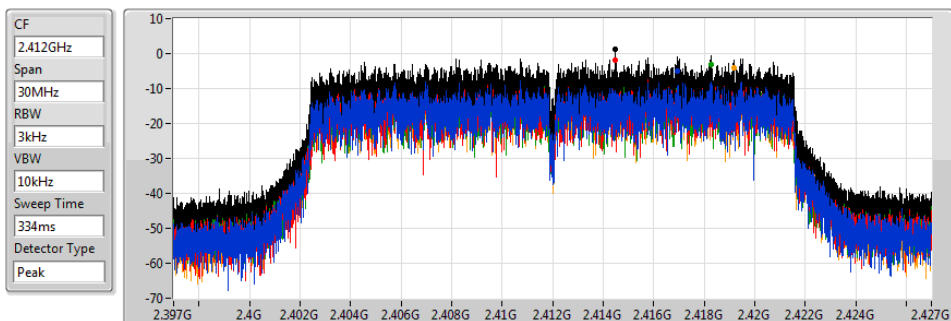
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.57	-2.57	-6.79	-5.94	-5.76	-6.06

802.11ax HEW20_Nss3,(MCS0)_4TX

2412MHz

PSD

05/09/2019



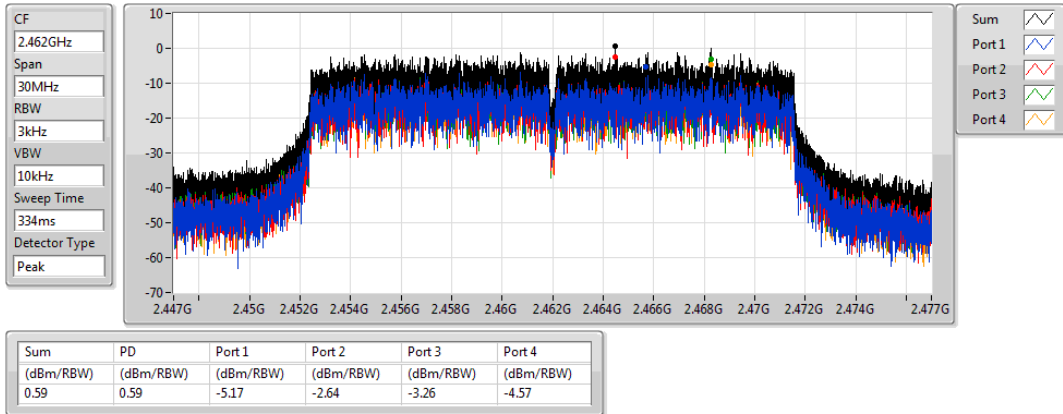
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.17	1.17	-4.93	-1.80	-3.15	-3.95

802.11ax HEW20_Nss3,(MCS0)_4TX

PSD

2462MHz

05/09/2019

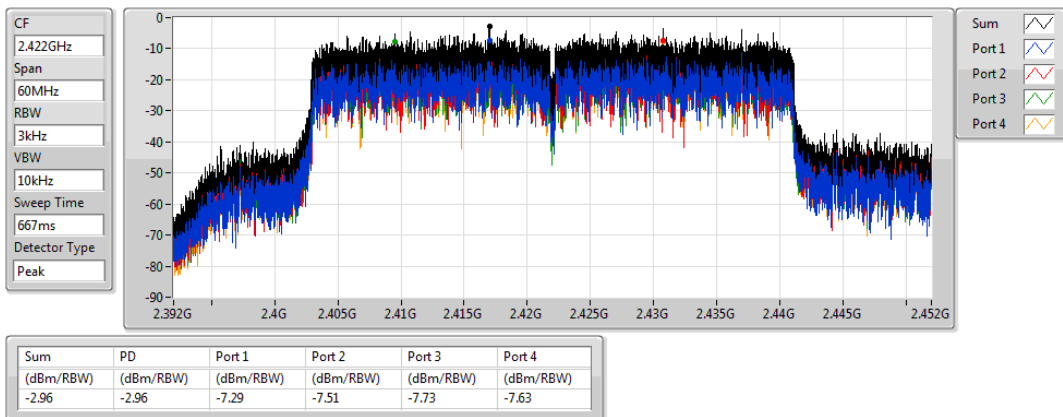


802.11ax HEW40_Nss3,(MCS0)_4TX

PSD

2422MHz

04/09/2019

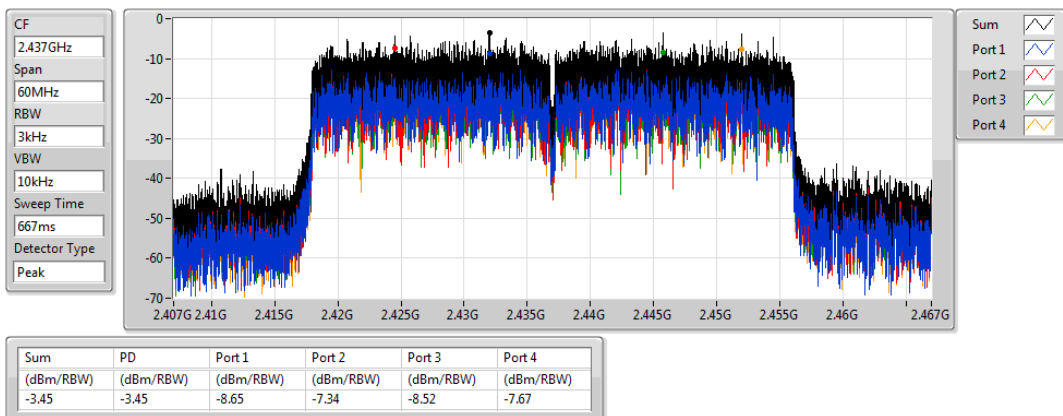


802.11ax HEW40_Nss3,(MCS0)_4TX

PSD

2437MHz

04/09/2019

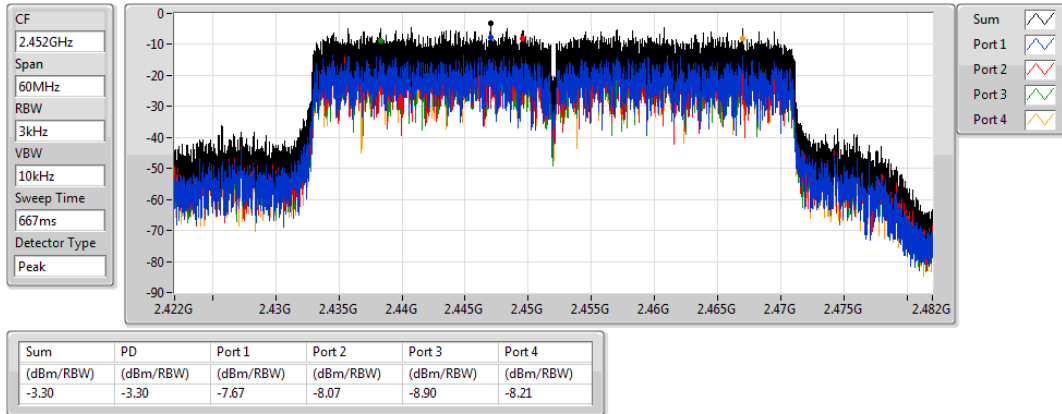


802.11ax HEW40_Nss3,(MCS0)_4TX

PSD

2452MHz

04/09/2019





<For beamforming mode>

3T1S

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
VHT20-BF_Nss1,(MCS0)_3TX	2.56
VHT40-BF_Nss1,(MCS0)_3TX	0.28
802.11ax HEW20-BF_Nss1,(MCS0)_3TX	1.86
802.11ax HEW40-BF_Nss1,(MCS0)_3TX	0.42

RBW=3 kHz.

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
VHT20-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
2412MHz	Pass	4.99	-1.54	-2.13	1.3	2.36	8.00
2437MHz	Pass	4.99	-1.86	-1.24	-0.72	2.56	8.00
2462MHz	Pass	4.99	-1.6	-1.46	-0.81	2.13	8.00
VHT40-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
2422MHz	Pass	4.99	-5	-2.53	-4.72	-0.81	8.00
2437MHz	Pass	4.99	-4.19	-1.75	-3.87	0.28	8.00
2452MHz	Pass	4.99	-2.87	-4.4	-5.04	-0.37	8.00
802.11ax HEW20-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
2412MHz	Pass	4.99	-3.71	-3.18	-1.52	1.86	8.00
2437MHz	Pass	4.99	-2.93	-1.19	-2.04	1.68	8.00
2462MHz	Pass	4.99	-3.17	-2.81	-0.62	1.73	8.00
802.11ax HEW40-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
2422MHz	Pass	4.99	-4.48	-4.1	-4.47	0.42	8.00
2437MHz	Pass	4.99	-6	-5.47	-4.8	-0.65	8.00
2452MHz	Pass	4.99	-6.15	-6.15	-5.73	-2.50	8.00

DG = Directional Gain; RBW=3 kHz;

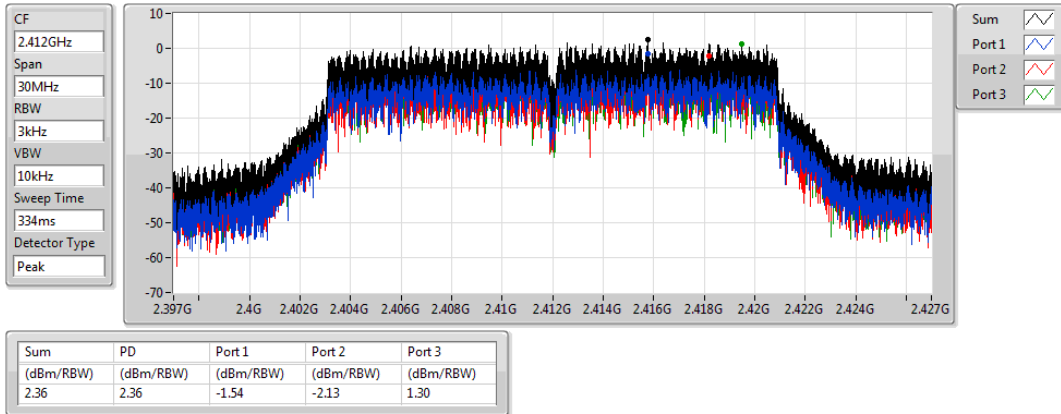
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

VHT20-BF_Nss1,(MCS0)_3TX

PSD

2412MHz

03/09/2019

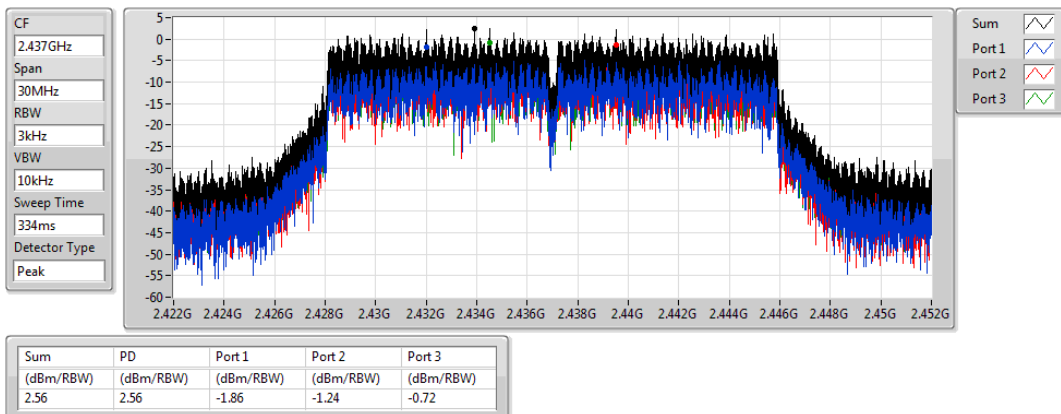


VHT20-BF_Nss1,(MCS0)_3TX

PSD

2437MHz

03/09/2019

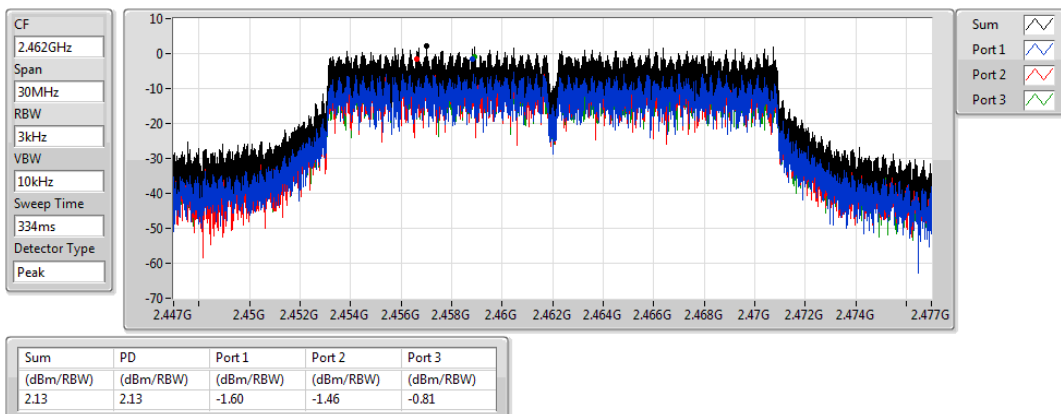


VHT20-BF_Nss1,(MCS0)_3TX

PSD

2462MHz

03/09/2019

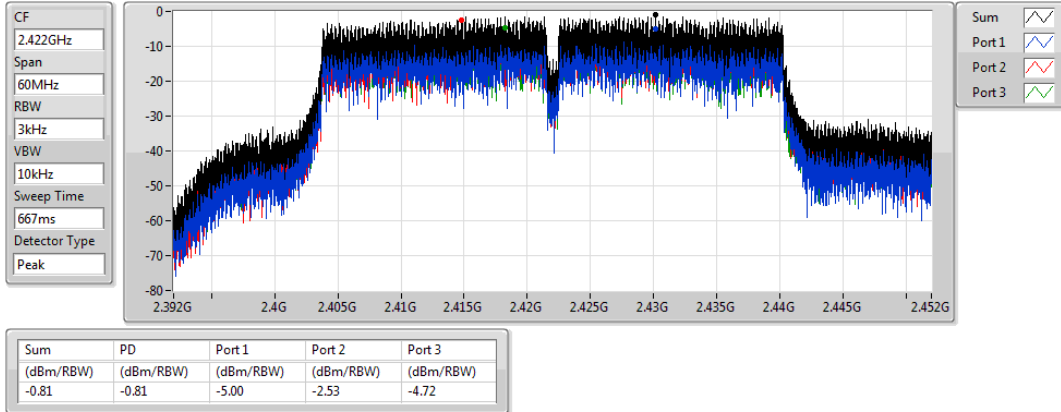


VHT40-BF_Nss1,(MCS0)_3TX

PSD

2422MHz

03/09/2019

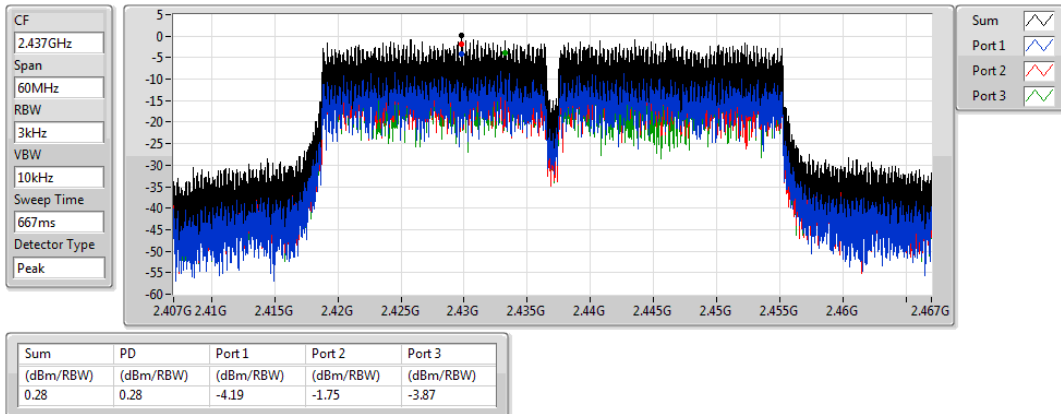


VHT40-BF_Nss1,(MCS0)_3TX

PSD

2437MHz

03/09/2019

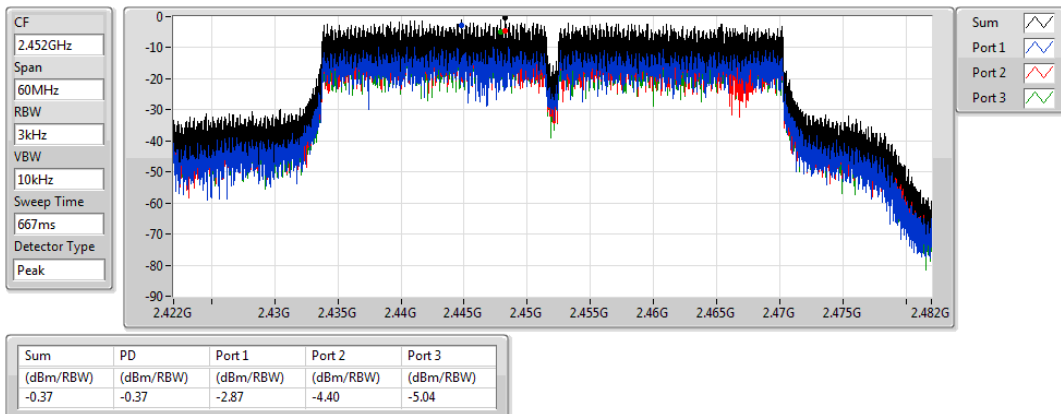


VHT40-BF_Nss1,(MCS0)_3TX

PSD

2452MHz

03/09/2019



802.11ax HEW20-BF_Nss1,(MCS0)_3TX

PSD

2412MHz

03/09/2019



802.11ax HEW20-BF_Nss1,(MCS0)_3TX

PSD

2437MHz

03/09/2019

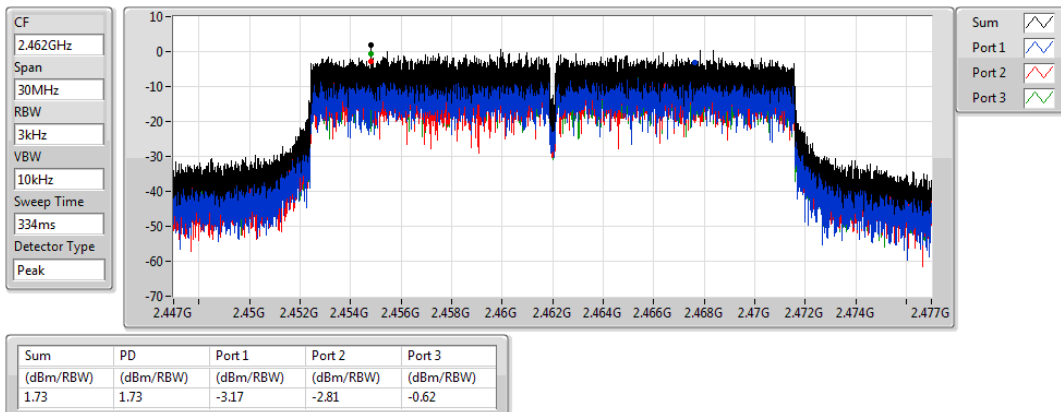


802.11ax HEW20-BF_Nss1,(MCS0)_3TX

PSD

2462MHz

05/09/2019

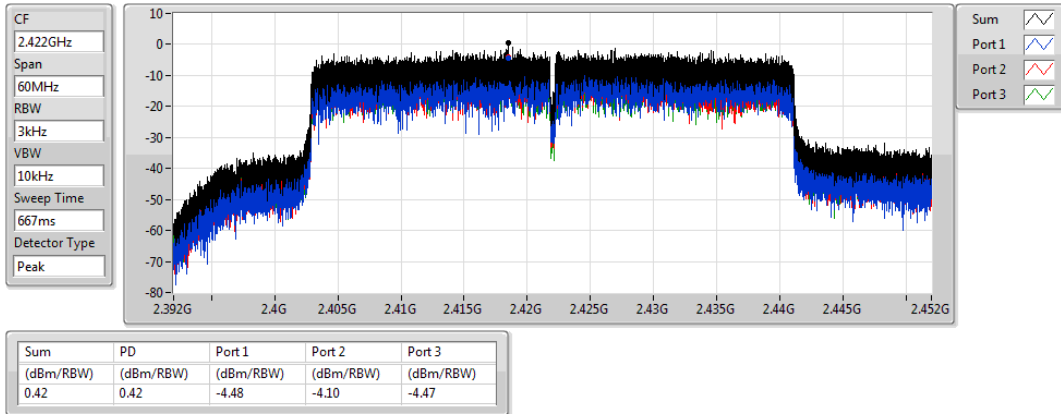


802.11ax HEW40-BF_Nss1,(MCS0)_3TX

PSD

2422MHz

03/09/2019

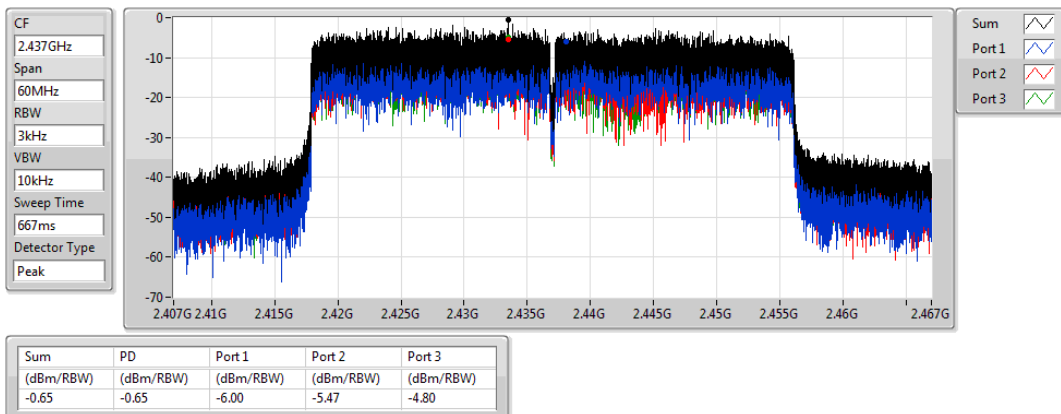


802.11ax HEW40-BF_Nss1,(MCS0)_3TX

PSD

2437MHz

03/09/2019

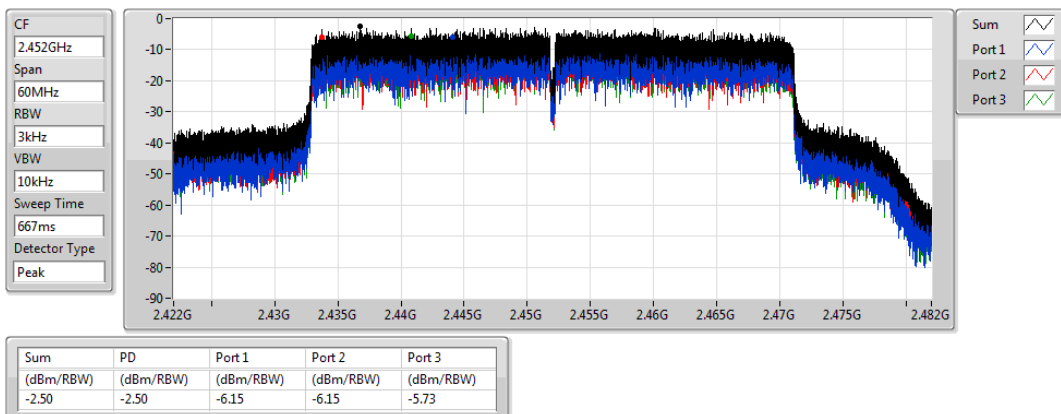


802.11ax HEW40-BF_Nss1,(MCS0)_3TX

PSD

2452MHz

05/09/2019





**3T2S
Summary**

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
VHT20-BF_Nss2,(MCS0)_3TX	1.80
802.11ax HEW20-BF_Nss2,(MCS0)_3TX	1.51

RBW=3 kHz.

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
VHT20-BF_Nss2,(MCS0)_3TX	-	-	-	-	-	-	-
2412MHz	Pass	4.99	-1.05	-1.54	-0.86	1.74	8.00
2462MHz	Pass	4.99	-1.87	-1.66	-0.64	1.80	8.00
802.11ax HEW20-BF_Nss2,(MCS0)_3TX	-	-	-	-	-	-	-
2412MHz	Pass	4.99	-3.52	-2.55	-2.74	0.03	8.00
2462MHz	Pass	4.99	-2.89	-1.87	-2.07	1.51	8.00

DG = Directional Gain; RBW=3 kHz;

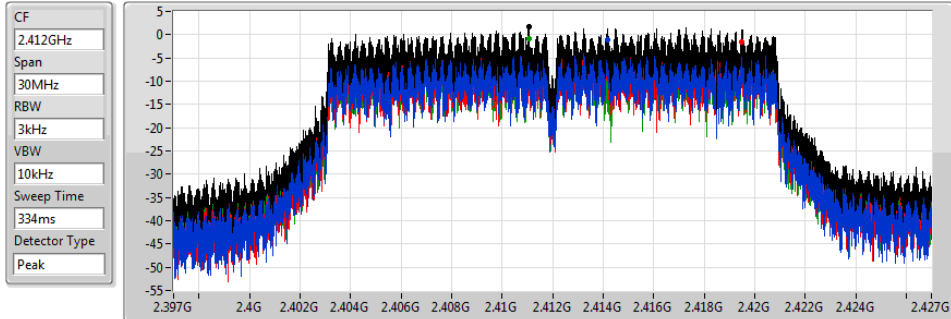
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

VHT20-BF_Nss2,(MCS0)_3TX

2412MHz

PSD

05/09/2019



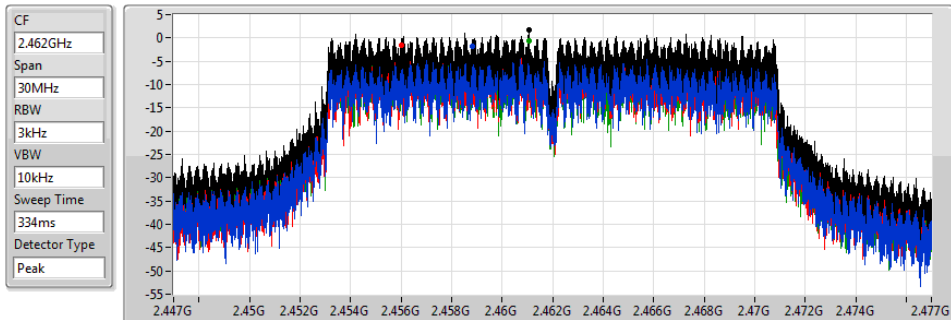
Sum	PD	Port 1	Port 2	Port 3
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.74	1.74	-1.05	-1.54	-0.86

VHT20-BF_Nss2,(MCS0)_3TX

2462MHz

PSD

05/09/2019



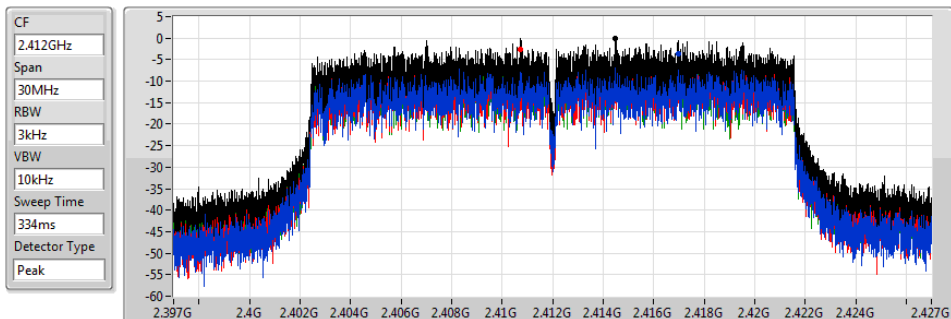
Sum	PD	Port 1	Port 2	Port 3
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.80	1.80	-1.87	-1.66	-0.64

802.11ax HEW20-BF_Nss2,(MCS0)_3TX

2412MHz

PSD

05/09/2019



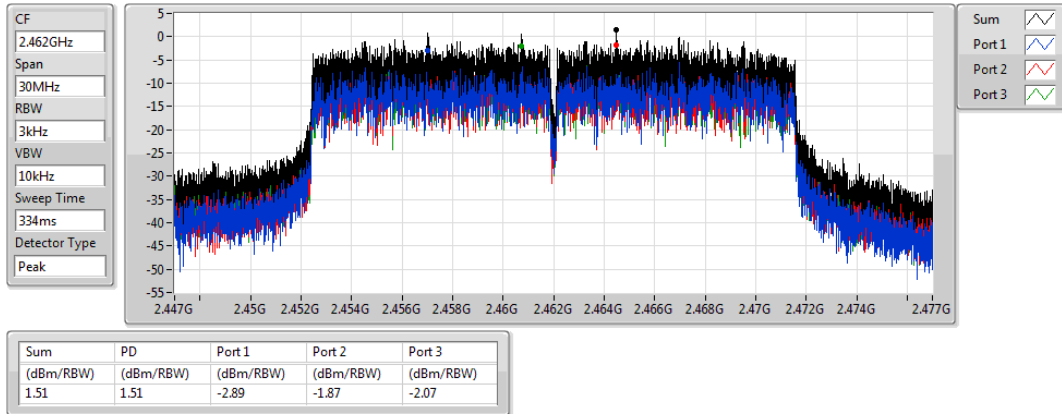
Sum	PD	Port 1	Port 2	Port 3
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.03	0.03	-3.52	-2.55	-2.74

802.11ax HEW20-BF_Nss2,(MCS0)_3TX

PSD

2462MHz

05/09/2019





**4T1S
Summary**

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
VHT20-BF_Nss1,(MCS0)_4TX	3.92
VHT40-BF_Nss1,(MCS0)_4TX	2.59
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	5.19
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	0.89

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)
VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	5.88	-2.25	-1.71	-1.68	-2.35	3.04	8.00
2437MHz	Pass	5.88	-2.14	-1.54	-1.55	-1.9	3.45	8.00
2462MHz	Pass	5.88	-2.02	-1.94	-1.63	-2.29	3.92	8.00
VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	5.88	-3.85	-3.26	-3.73	-3.95	2.31	8.00
2437MHz	Pass	5.88	-3.52	-2.84	-3.51	-3.84	1.80	8.00
2452MHz	Pass	5.88	-3.74	-3.47	-3.15	-3.34	2.59	8.00
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	5.88	-3.62	-2.5	-2.48	-2.03	2.70	8.00
2437MHz	Pass	5.88	-1.19	-0.8	-0.47	-0.88	5.19	8.00
2462MHz	Pass	5.88	-2.18	-1.36	-1.03	-0.94	4.67	8.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	5.88	-5.05	-6.06	-4.58	-6.26	0.19	8.00
2437MHz	Pass	5.88	-6	-4.8	-5.18	-4.68	0.89	8.00
2452MHz	Pass	5.88	-5.97	-5.06	-6.25	-5.38	0.35	8.00

DG = Directional Gain; RBW=3 kHz;

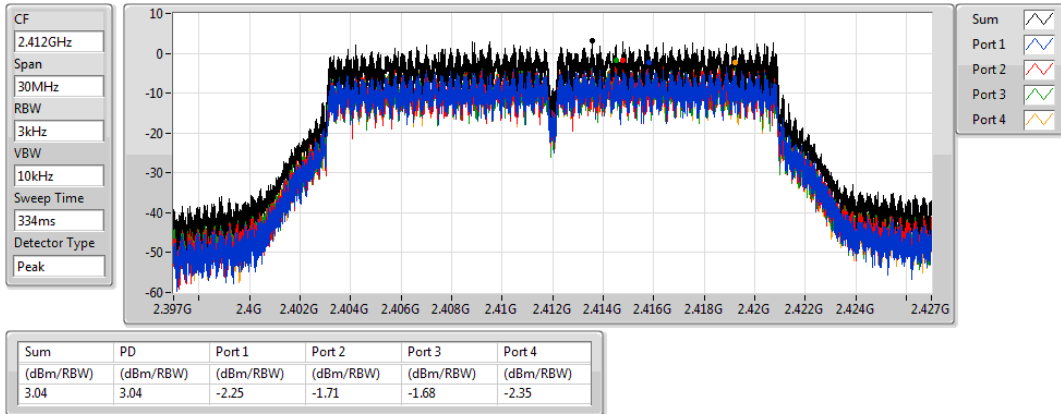
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

VHT20-BF_Nss1,(MCS0)_4TX

2412MHz

PSD

03/09/2019

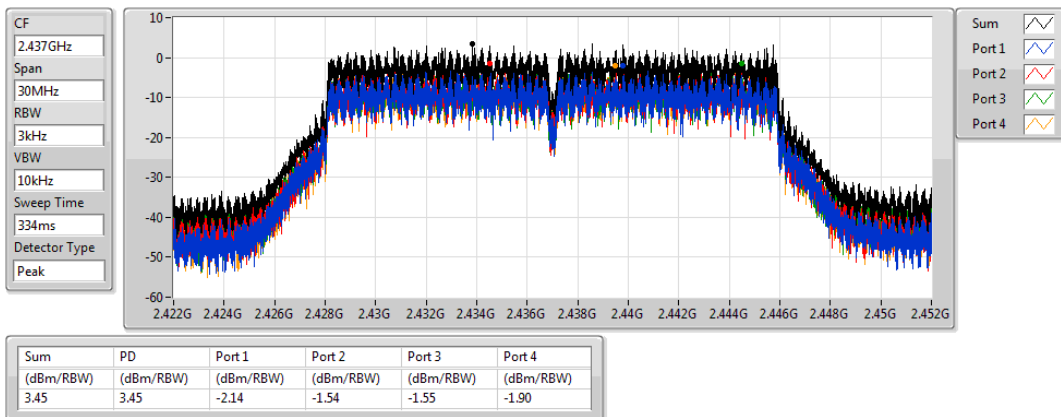


VHT20-BF_Nss1,(MCS0)_4TX

2437MHz

PSD

03/09/2019

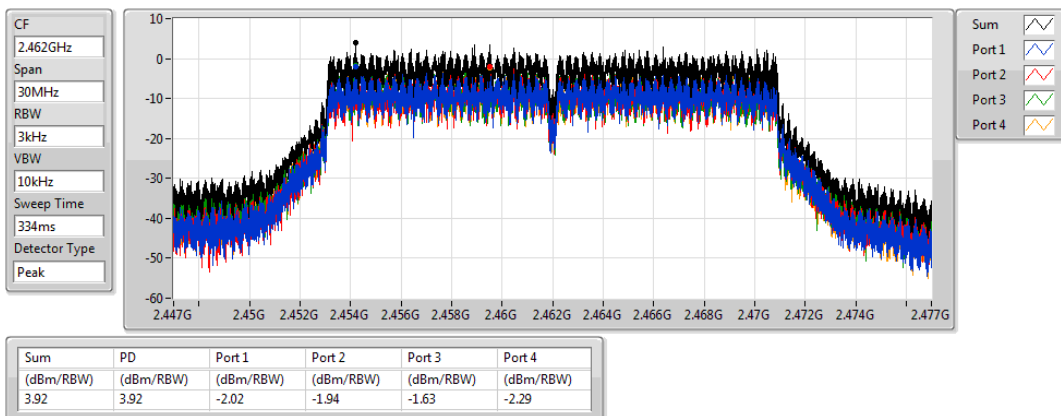


VHT20-BF_Nss1,(MCS0)_4TX

2462MHz

PSD

03/09/2019

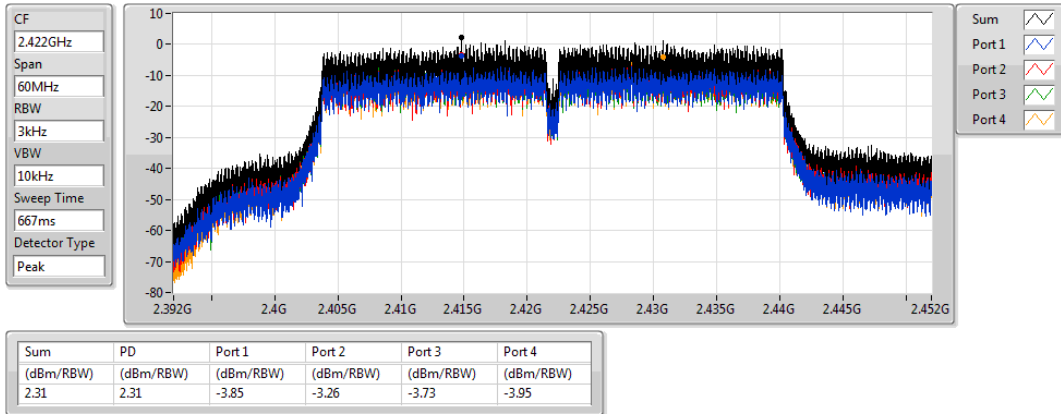


VHT40-BF_Nss1,(MCS0)_4TX

PSD

2422MHz

03/09/2019

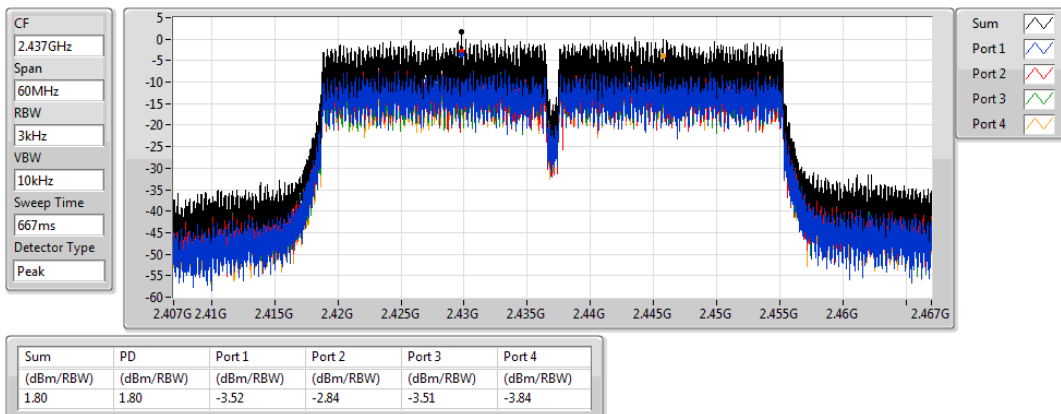


VHT40-BF_Nss1,(MCS0)_4TX

PSD

2437MHz

03/09/2019

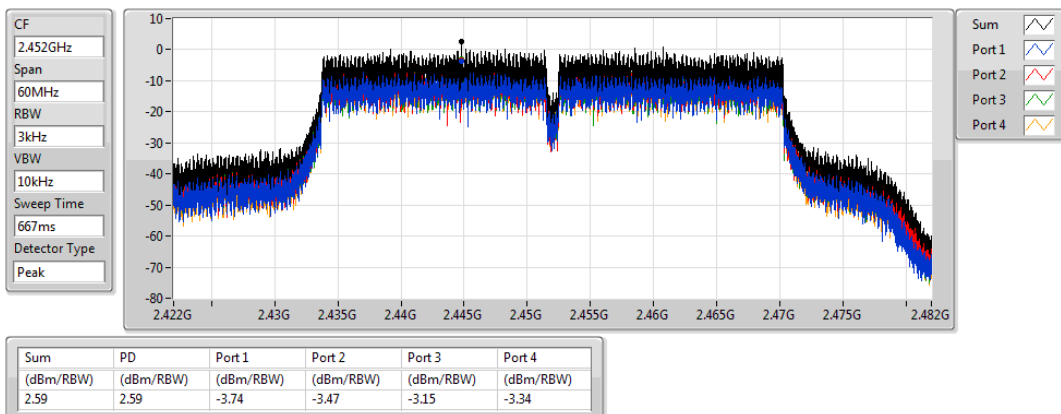


VHT40-BF_Nss1,(MCS0)_4TX

PSD

2452MHz

15/10/2019

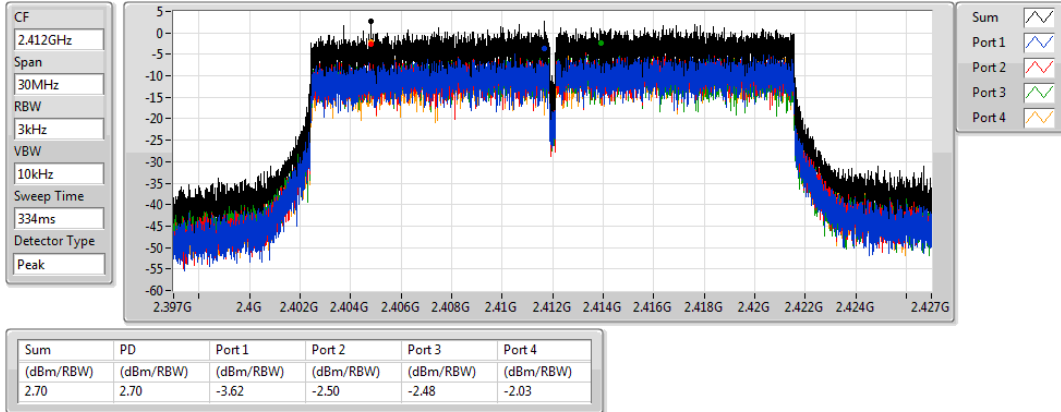


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

2412MHz

03/09/2019



802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

2437MHz

03/09/2019

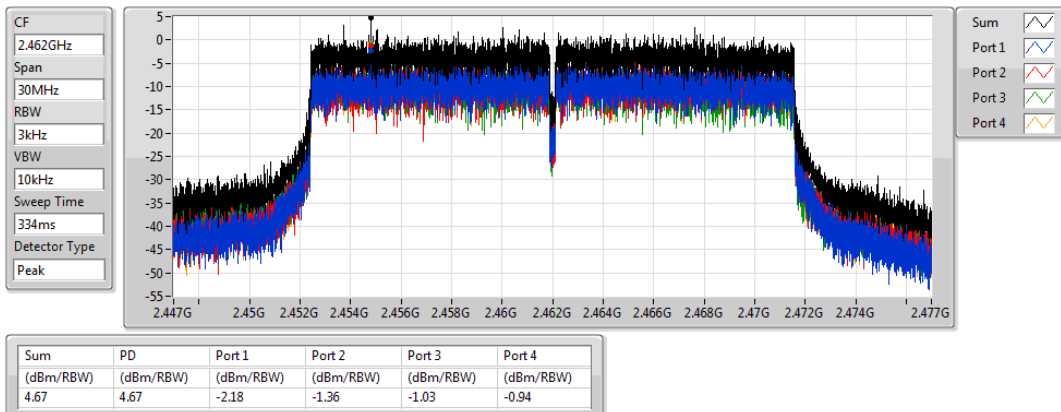


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

2462MHz

03/09/2019

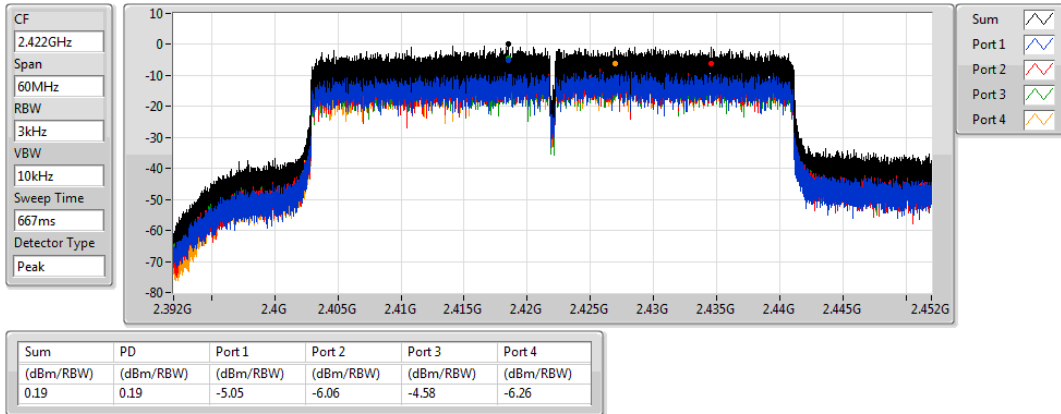


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

2422MHz

03/09/2019

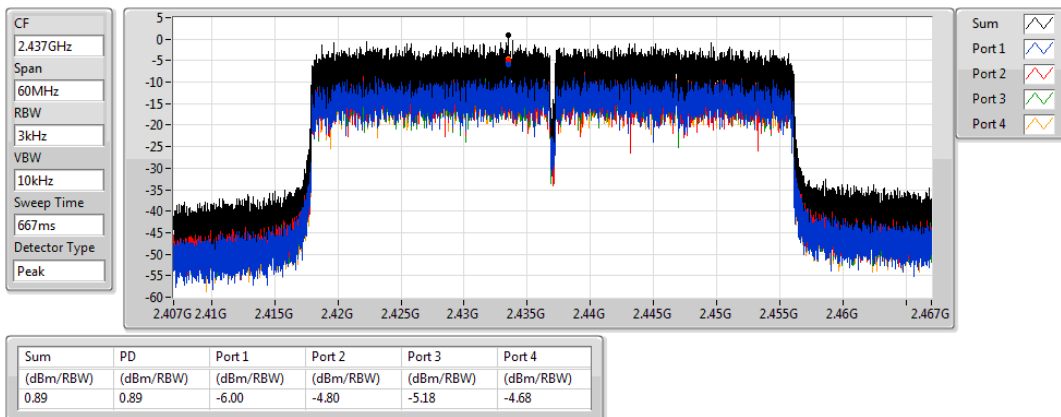


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

2437MHz

03/09/2019

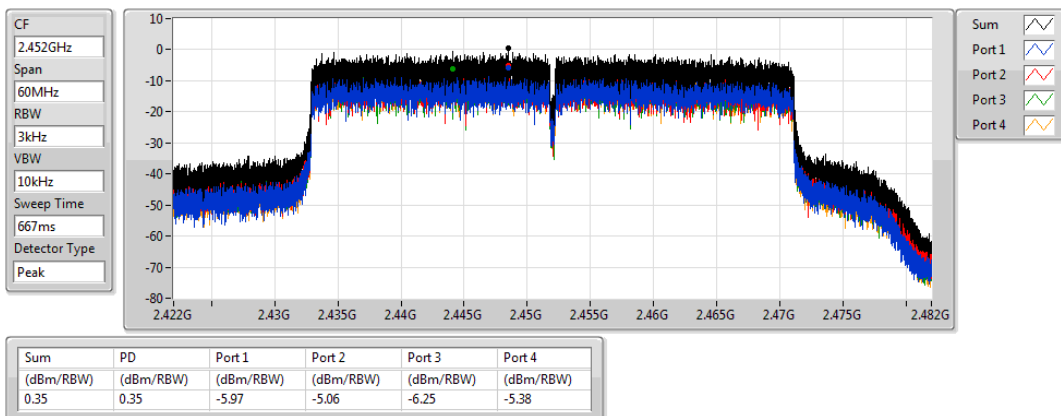


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

2452MHz

15/10/2019





**4T2S
Summary**

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
VHT20-BF_Nss2,(MCS0)_4TX	1.30
VHT40-BF_Nss2,(MCS0)_4TX	-0.74
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	0.25
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	-2.44

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)
VHT20-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	5.88	-2.41	-3.15	-2.75	-2.77	1.30	8.00
2462MHz	Pass	5.88	-2.98	-3.85	-2.81	-3.73	0.86	8.00
VHT40-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	5.88	-6.10	-4.84	-5.40	-4.61	-0.86	8.00
2437MHz	Pass	5.88	-6.36	-4.94	-5.34	-5.28	-0.74	8.00
2452MHz	Pass	5.88	-6.17	-4.95	-5.38	-4.80	-0.91	8.00
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	5.88	-4.38	-4.36	-4.61	-3.45	0.25	8.00
2462MHz	Pass	5.88	-5.44	-4.51	-5.02	-4.86	-0.74	8.00
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	5.88	-7.78	-5.82	-8.08	-7.23	-2.44	8.00
2437MHz	Pass	5.88	-7.68	-6.01	-7.73	-7.01	-2.62	8.00
2452MHz	Pass	5.88	-7.18	-6.38	-7.49	-7.57	-2.71	8.00

DG = Directional Gain; RBW=3 kHz;

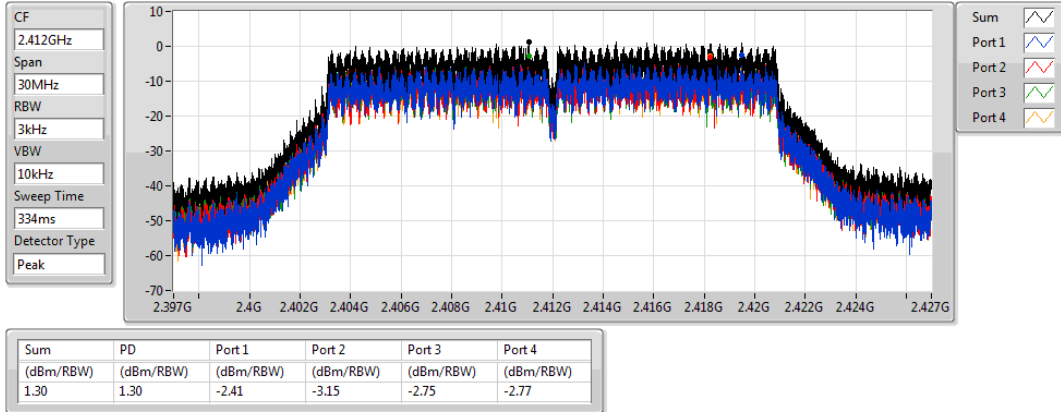
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

VHT20-BF_Nss2,(MCS0)_4TX

PSD

2412MHz

05/09/2019

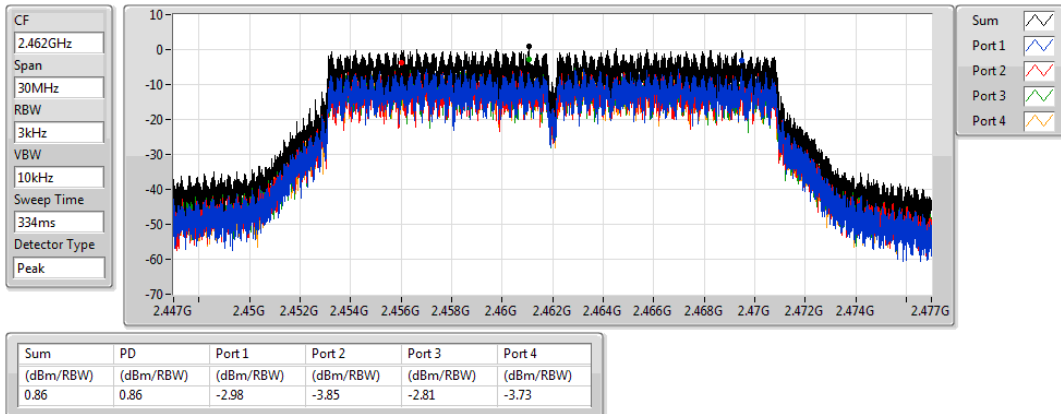


VHT20-BF_Nss2,(MCS0)_4TX

PSD

2462MHz

05/09/2019

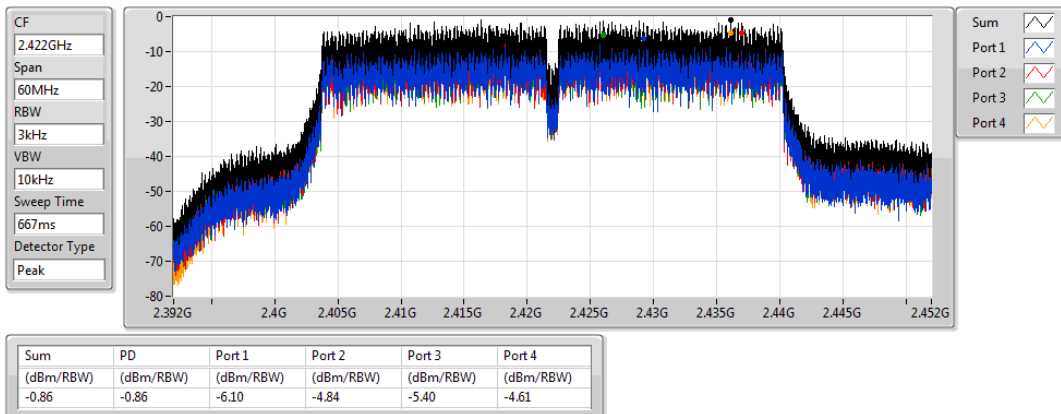


VHT40-BF_Nss2,(MCS0)_4TX

PSD

2422MHz

05/09/2019

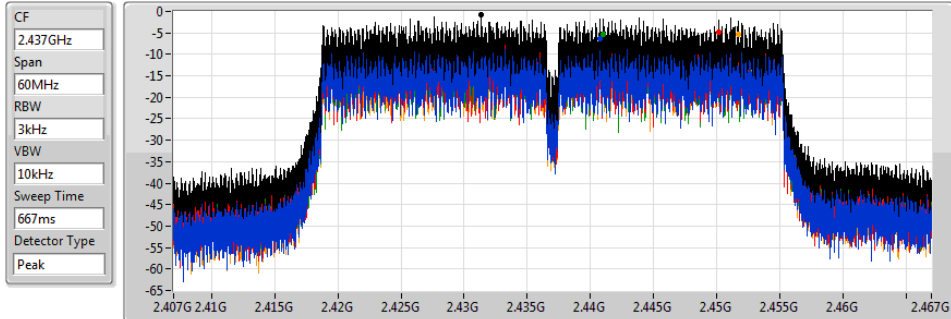


VHT40-BF_Nss2,(MCS0)_4TX

2437MHz

PSD

05/09/2019



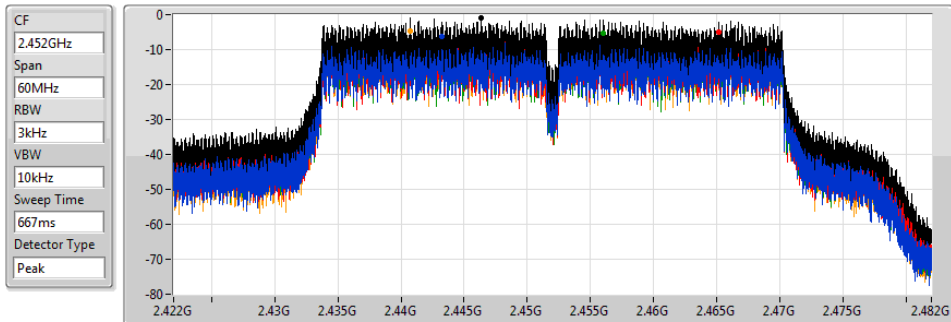
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.74	-0.74	-6.36	-4.94	-5.34	-5.28

VHT40-BF_Nss2,(MCS0)_4TX

2452MHz

PSD

05/09/2019



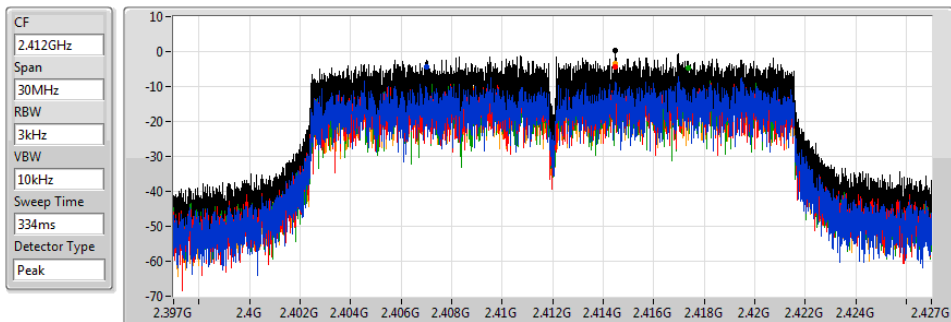
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.91	-0.91	-6.17	-4.95	-5.38	-4.80

802.11ax HEW20-BF_Nss2,(MCS0)_4TX

2412MHz

PSD

05/09/2019



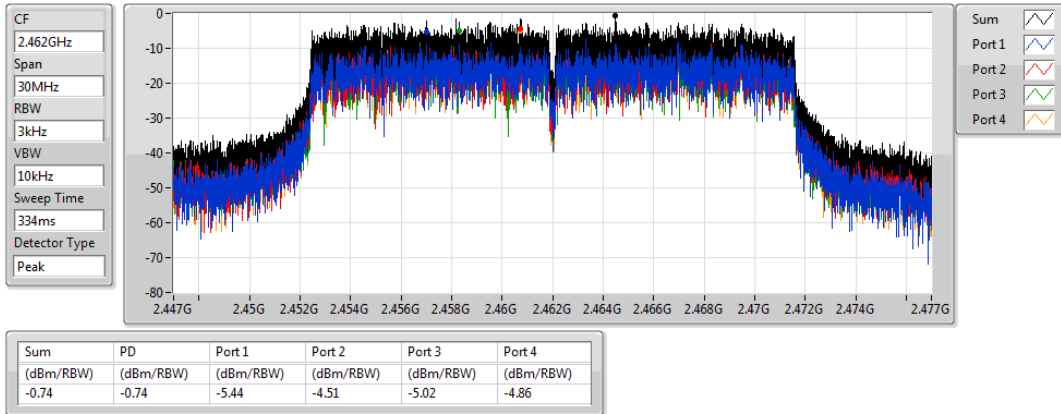
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.25	0.25	-4.38	-4.36	-4.61	-3.45

802.11ax HEW20-BF_Nss2,(MCS0)_4TX

2462MHz

PSD

05/09/2019

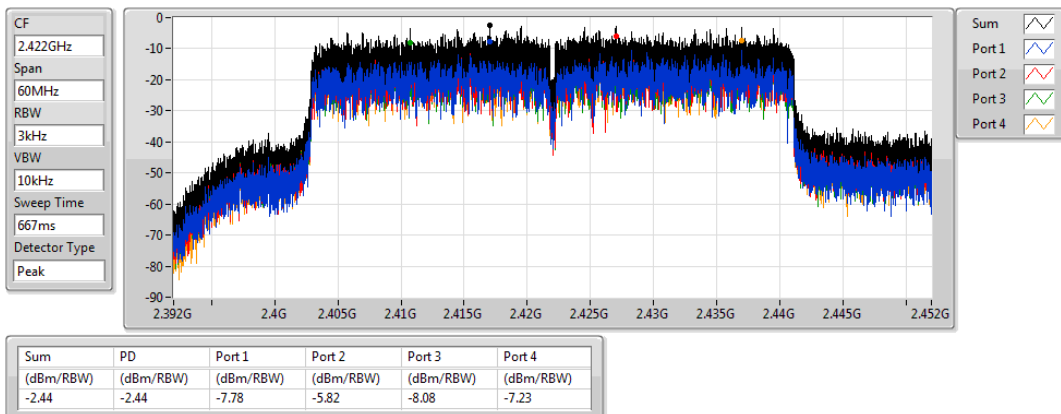


802.11ax HEW40-BF_Nss2,(MCS0)_4TX

2422MHz

PSD

05/09/2019

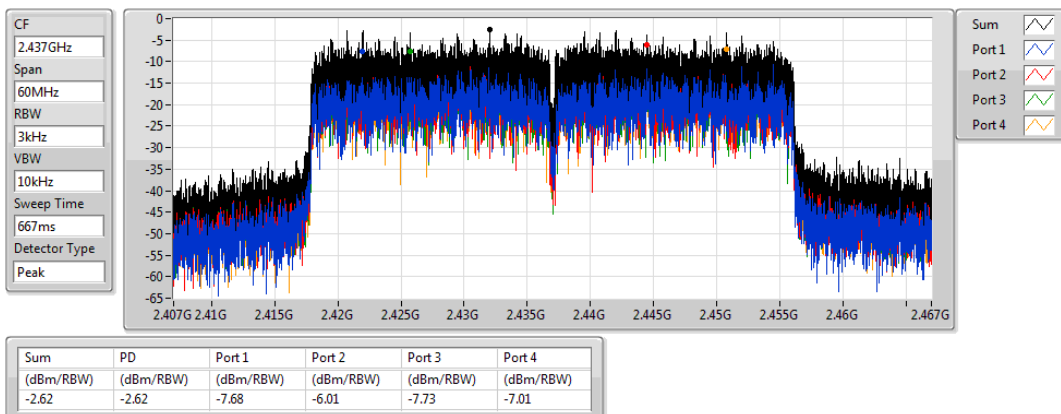


802.11ax HEW40-BF_Nss2,(MCS0)_4TX

2437MHz

PSD

05/09/2019

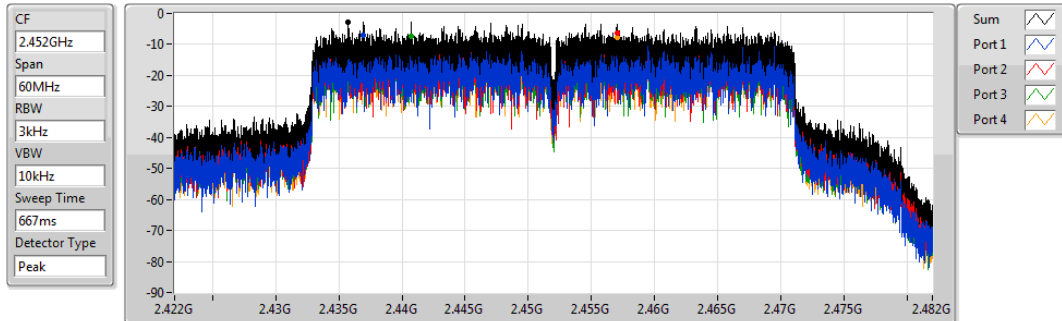


802.11ax HEW40-BF_Nss2,(MCS0)_4TX

PSD

2452MHz

05/09/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.71	-2.71	-7.18	-6.38	-7.49	-7.57



**4T3S
Summary**

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
VHT20-BF_Nss3,(MCS0)_4TX	0.97
VHT40-BF_Nss3,(MCS0)_4TX	-1.21
802.11ax HEW20-BF_Nss3,(MCS0)_4TX	1.17
802.11ax HEW40-BF_Nss3,(MCS0)_4TX	-2.96

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)
VHT20-BF_Nss3,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	5.88	-1.85	-2.96	-3.19	-2.6	0.50	8.00
2462MHz	Pass	5.88	-2.18	-2.81	-1.76	-3.06	0.97	8.00
VHT40-BF_Nss3,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	5.88	-5.12	-5.06	-5.08	-4.9	-1.21	8.00
2437MHz	Pass	5.88	-5.39	-5.04	-6.36	-5.42	-1.47	8.00
2452MHz	Pass	5.88	-5.88	-5.58	-5.34	-5.98	-2.64	8.00
802.11ax HEW20-BF_Nss3,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	5.88	-4.93	-1.8	-3.15	-3.95	1.17	8.00
2462MHz	Pass	5.88	-5.17	-2.64	-3.26	-4.57	0.59	8.00
802.11ax HEW40-BF_Nss3,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	5.88	-7.29	-7.51	-7.73	-7.63	-2.96	8.00
2437MHz	Pass	5.88	-7.52	-6.72	-6.72	-6.90	-3.28	8.00
2452MHz	Pass	5.35	-7.67	-8.07	-8.9	-8.21	-3.30	8.00

DG = Directional Gain; RBW=3 kHz;

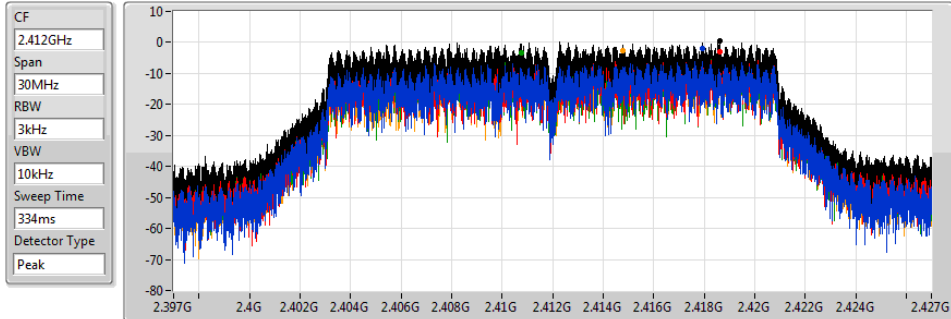
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

VHT20-BF_Nss3,(MCS0)_4TX

PSD

2412MHz

05/09/2019



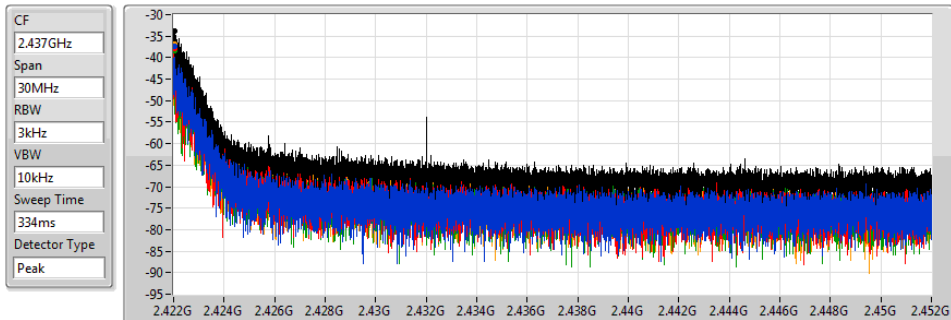
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.50	0.50	-1.85	-2.96	-3.19	-2.60

VHT20-BF_Nss3,(MCS0)_4TX

PSD

2437MHz

05/09/2019



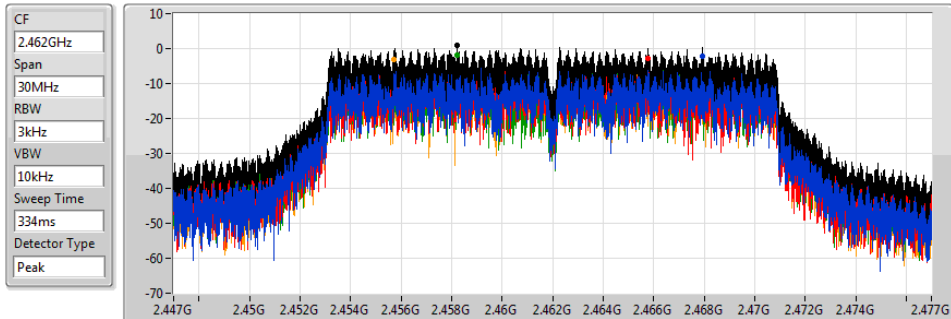
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-33.89	-33.89	-37.49	-37.79	-38.43	-36.96

VHT20-BF_Nss3,(MCS0)_4TX

PSD

2462MHz

05/09/2019



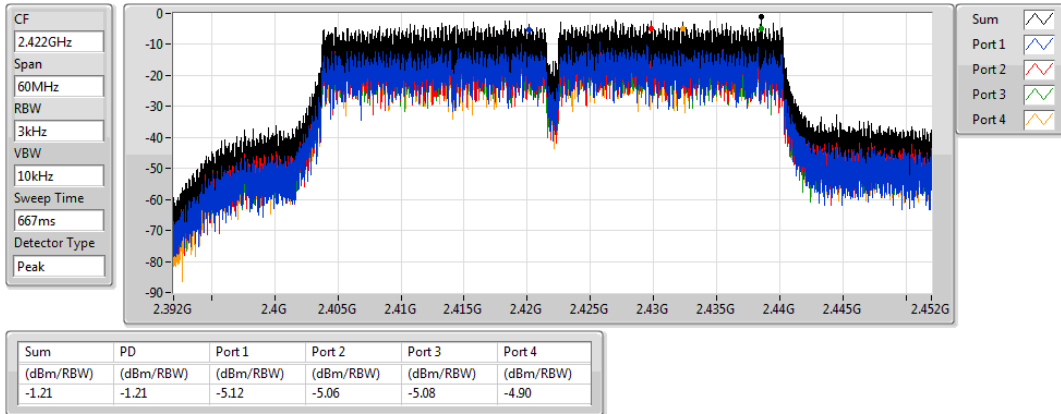
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.97	0.97	-2.18	-2.81	-1.76	-3.06

VHT40-BF_Nss3,(MCS0)_4TX

2422MHz

PSD

04/09/2019

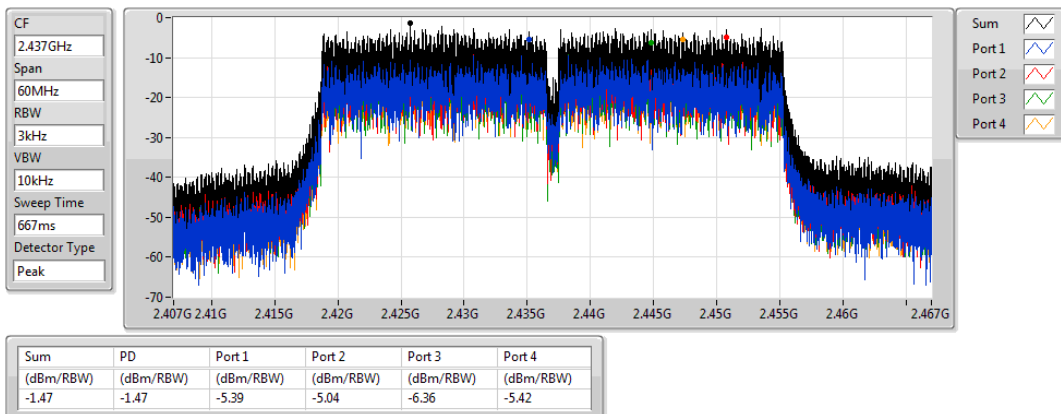


VHT40-BF_Nss3,(MCS0)_4TX

2437MHz

PSD

04/09/2019

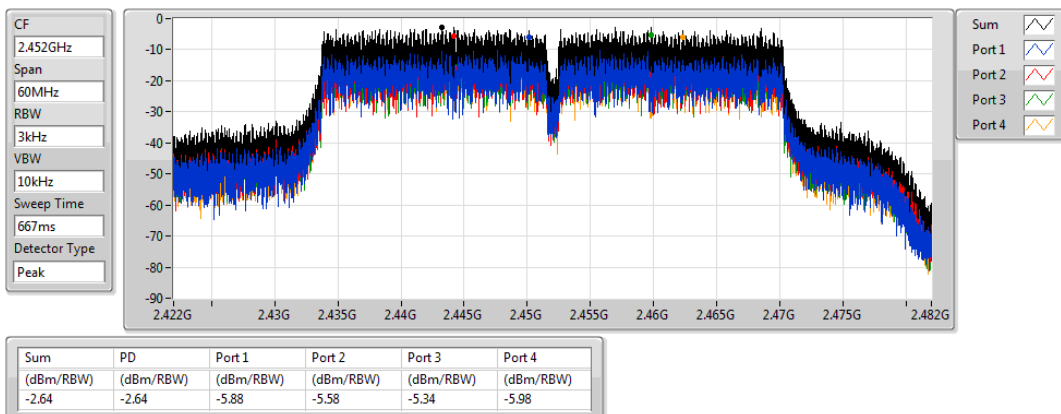


VHT40-BF_Nss3,(MCS0)_4TX

2452MHz

PSD

05/09/2019

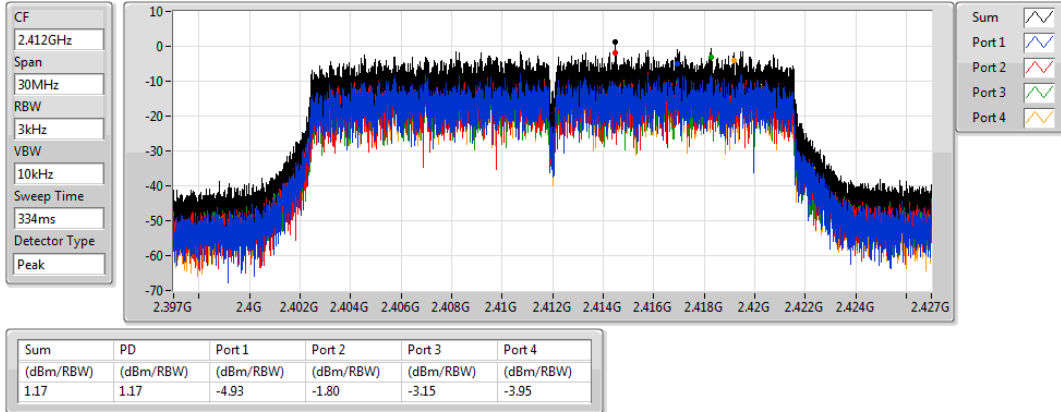


802.11ax HEW20-BF_Nss3,(MCS0)_4TX

PSD

2412MHz

05/09/2019

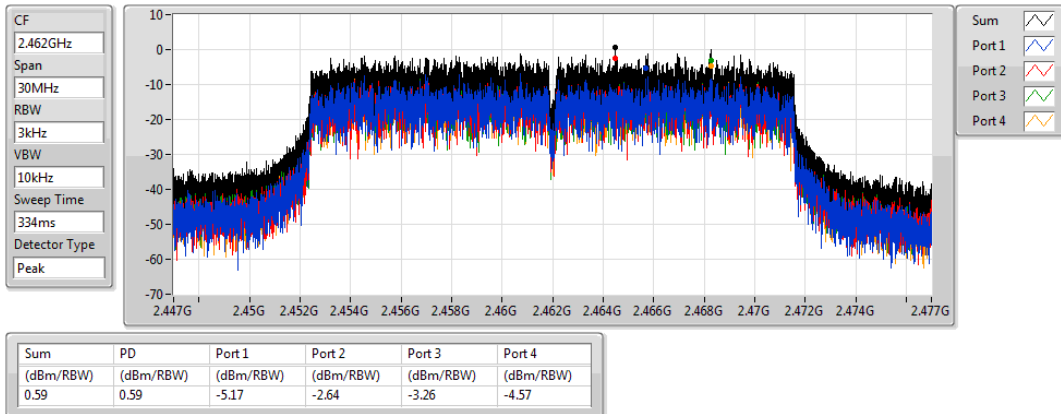


802.11ax HEW20-BF_Nss3,(MCS0)_4TX

PSD

2462MHz

05/09/2019

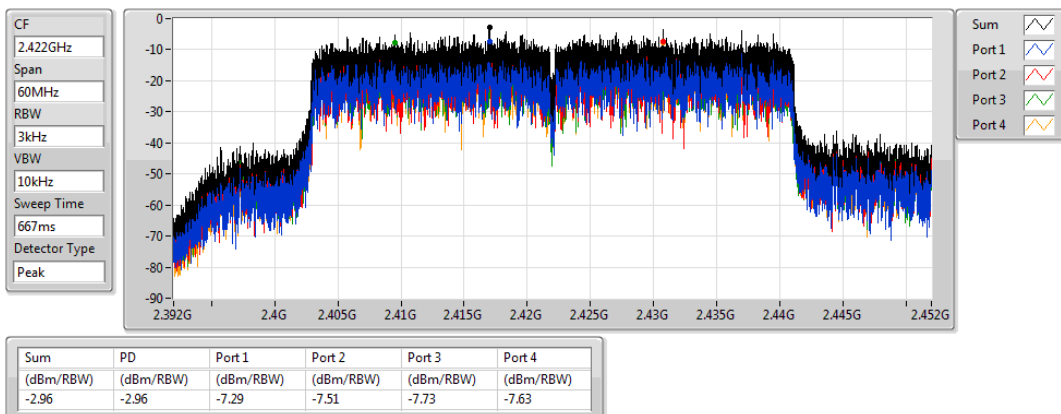


802.11ax HEW40-BF_Nss3,(MCS0)_4TX

PSD

2422MHz

04/09/2019

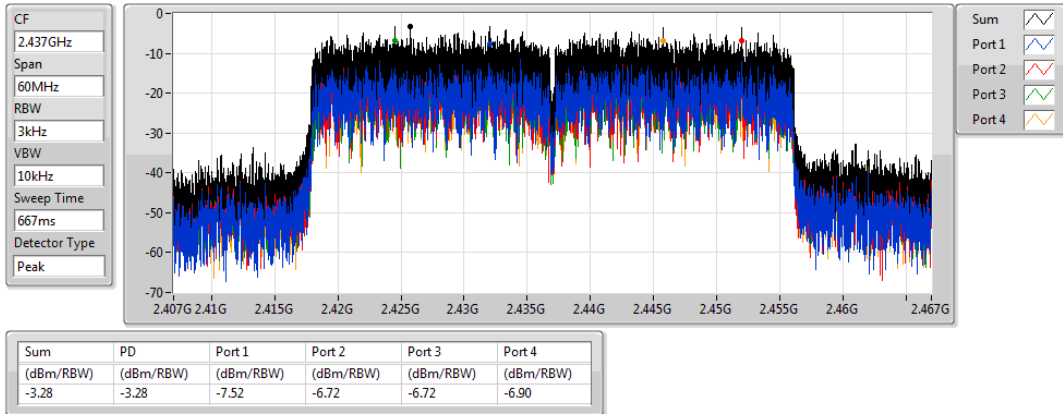


802.11ax HEW40-BF_Nss3,(MCS0)_4TX

2437MHz

PSD

05/09/2019

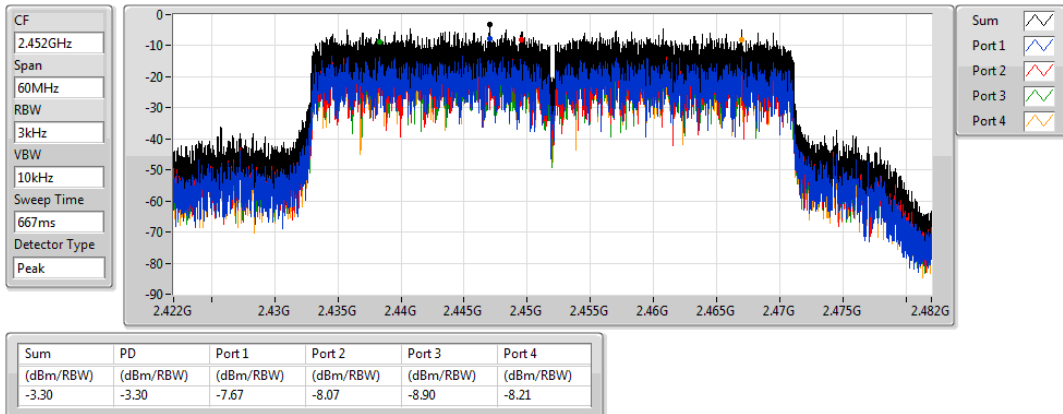


802.11ax HEW40-BF_Nss3,(MCS0)_4TX

2452MHz

PSD

04/09/2019



**<For non-beamforming mode>****1T1S****Summary**

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	2.43599G	19.73	-10.27	95.82M	-42.90	2.399G	-28.24	2.49572G	-52.18	7.23514G	-42.89	1

Result

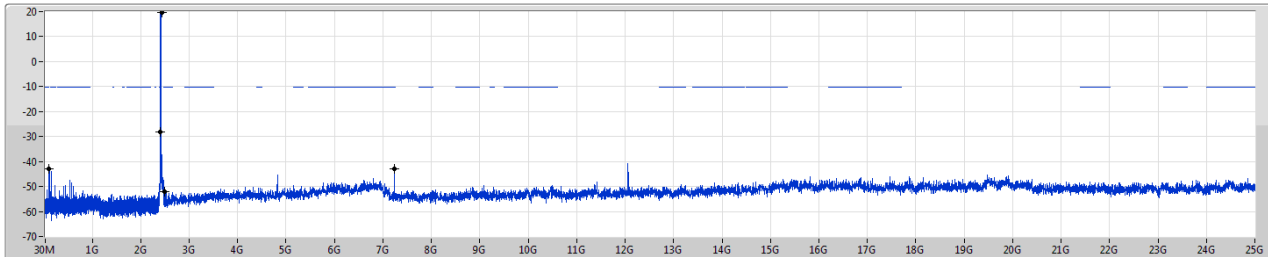
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43599G	19.73	-10.27	95.82M	-42.90	2.399G	-28.24	2.49572G	-52.18	7.23514G	-42.89	1
2437MHz	Pass	2.43599G	19.73	-10.27	159.9M	-42.42	2.39928G	-48.58	2.48796G	-50.62	24.42123G	-46.45	1
2462MHz	Pass	2.43599G	19.73	-10.27	159.9M	-44.62	2.3981G	-50.57	2.51956G	-51.54	16.42241G	-46.03	1

802.11b_Nss1,(1Mbps)_1TX

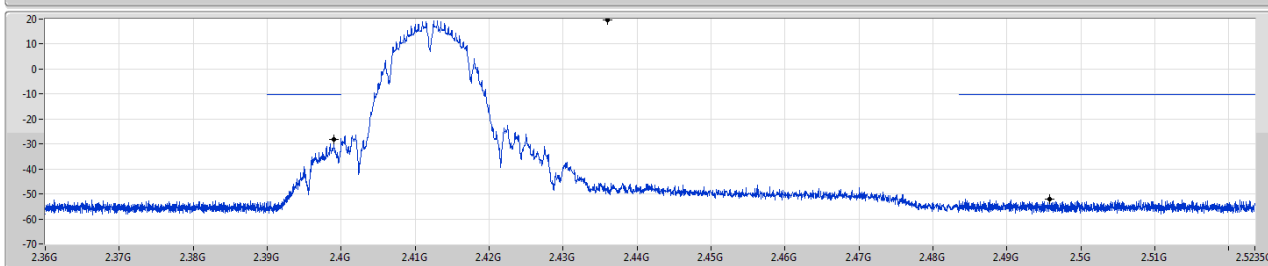
CSE NdB

2412MHz

04/09/2019



Port1



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

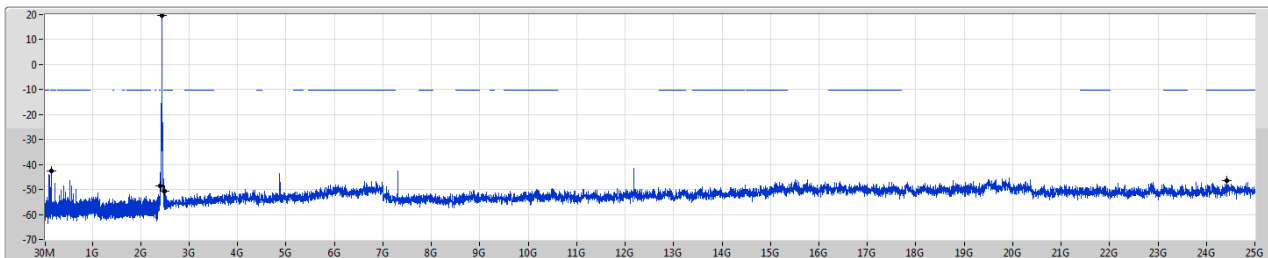
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43599G	19.73	-10.27	95.82M	-42.90	2.399G	-28.24	2.49572G	-52.18	7.23514G	-42.89	1

802.11b_Nss1,(1Mbps)_1TX

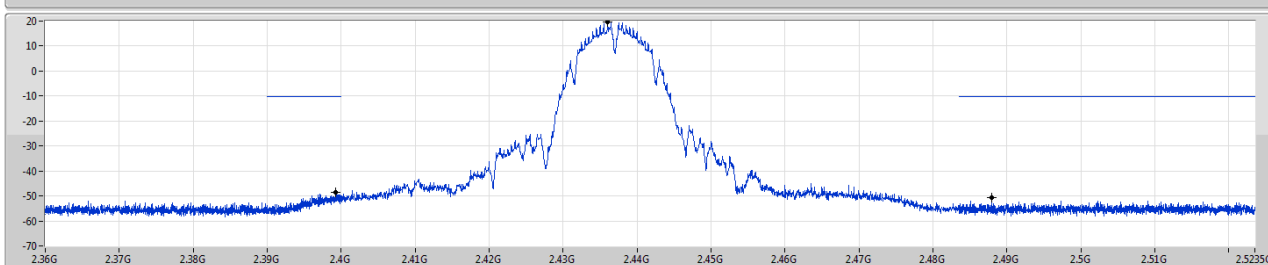
CSE NdB

2437MHz

04/09/2019



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
2.43599G	19.73	-10.27	159.9M	-42.42	2.39928G	-48.58	2.48796G	-50.62	2.42123G	-46.45	1

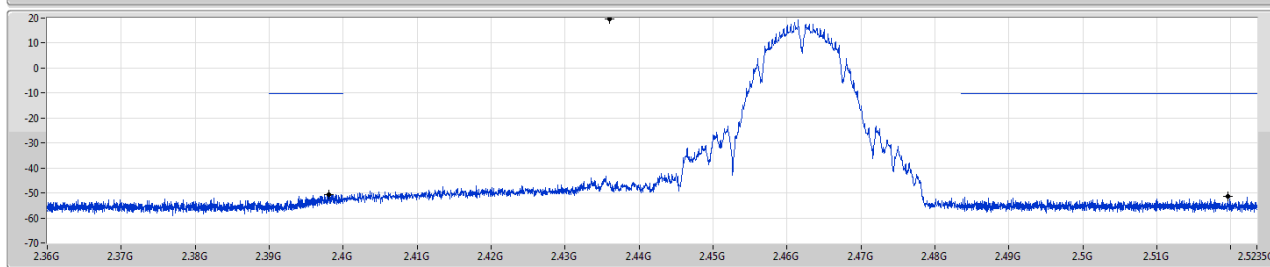
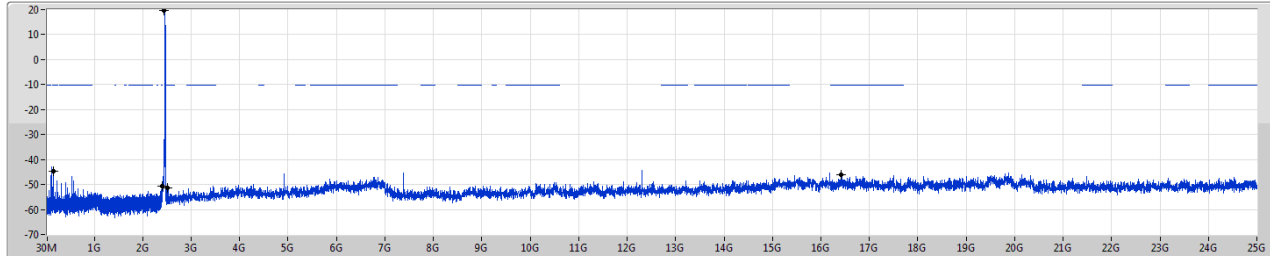
802.11b_Nss1,(1Mbps)_1TX

CSE NdB

2462MHz

04/09/2019

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
2.43599G	19.73	-10.27	159.9M	-44.62	2.3981G	-50.57	2.51956G	-51.54	16.42241G	-46.03	1

**3T1S
Summary**

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
VHT20_Nss1,(MCS0)_3TX	Pass	2.442G	14.14	-15.86	95.82M	-42.76	2.39978G	-16.43	2.50318G	-51.88	24.44371G	-46.09	3
VHT40_Nss1,(MCS0)_3TX	Pass	2.43198G	11.53	-18.47	95.84M	-42.19	2.39964G	-18.65	2.5489G	-52.64	15.08868G	-46.06	3
802.11ax HEW20_Nss1,(MCS0)_3TX	Pass	2.442G	13.49	-16.51	95.82M	-42.07	2.39946G	-16.58	2.50106G	-50.99	16.8607G	-45.86	3
802.11ax HEW40_Nss1,(MCS0)_3TX	Pass	2.43198G	10.16	-19.84	95.84M	-41.80	2.39736G	-20.03	2.49818G	-51.58	16.46852G	-45.96	3

Result

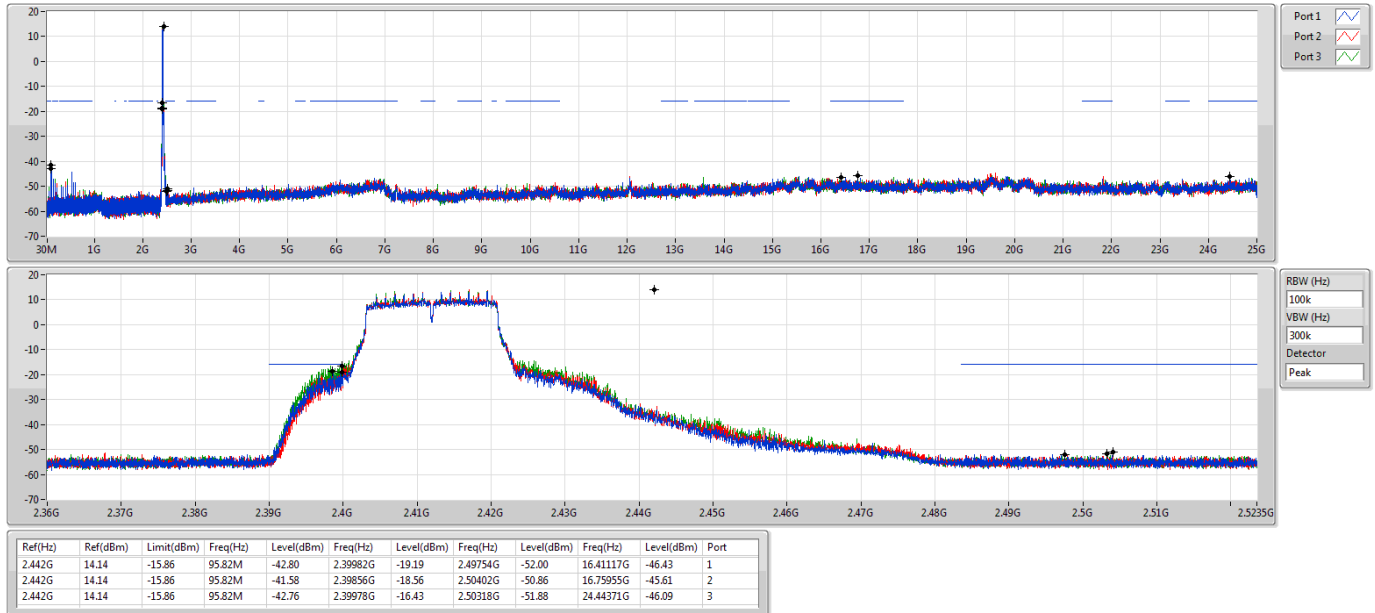
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
VHT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.442G	14.14	-15.86	95.82M	-42.80	2.39982G	-19.19	2.49754G	-52.00	16.41117G	-46.43	1
2412MHz	Pass	2.442G	14.14	-15.86	95.82M	-41.58	2.39856G	-18.56	2.50402G	-50.86	16.75955G	-45.61	2
2412MHz	Pass	2.442G	14.14	-15.86	95.82M	-42.76	2.39978G	-16.43	2.50318G	-51.88	24.44371G	-46.09	3
2437MHz	Pass	2.442G	14.14	-15.86	95.82M	-44.18	2.39706G	-41.21	2.52116G	-50.88	23.13164G	-46.71	1
2437MHz	Pass	2.442G	14.14	-15.86	95.82M	-42.24	2.3986G	-40.07	2.4872G	-51.08	6.99913G	-45.23	2
2437MHz	Pass	2.442G	14.14	-15.86	95.82M	-41.47	2.39976G	-38.62	2.51642G	-51.91	6.77718G	-46.63	3
2462MHz	Pass	2.442G	14.14	-15.86	95.82M	-43.36	2.39986G	-49.16	2.4839G	-45.58	15.10472G	-46.54	1
2462MHz	Pass	2.442G	14.14	-15.86	95.82M	-41.41	2.3999G	-46.75	2.4839G	-45.04	16.8607G	-45.53	2
2462MHz	Pass	2.442G	14.14	-15.86	95.82M	-42.61	2.3979G	-46.76	2.48392G	-44.27	16.20888G	-45.62	3
VHT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43198G	11.53	-18.47	95.84M	-41.40	2.39792G	-21.78	2.49082G	-51.57	6.78437G	-46.28	1
2422MHz	Pass	2.43198G	11.53	-18.47	95.84M	-42.46	2.39852G	-21.48	2.48562G	-51.98	17.46695G	-46.08	2
2422MHz	Pass	2.43198G	11.53	-18.47	95.84M	-42.19	2.39964G	-18.65	2.5489G	-52.64	15.08868G	-46.06	3
2437MHz	Pass	2.43198G	11.53	-18.47	96.12M	-42.31	2.39948G	-22.03	2.48514G	-51.23	16.7658G	-45.87	1
2437MHz	Pass	2.43198G	11.53	-18.47	95.84M	-41.89	2.39948G	-19.40	2.48706G	-49.50	17.11357G	-46.21	2
2437MHz	Pass	2.43198G	11.53	-18.47	95.84M	-42.95	2.39948G	-19.57	2.48546G	-50.86	6.72828G	-44.87	3
2452MHz	Pass	2.43198G	11.53	-18.47	95.84M	-42.36	2.39896G	-35.17	2.4851G	-44.75	15.25695G	-46.41	1
2452MHz	Pass	2.43198G	11.53	-18.47	95.84M	-43.10	2.39948G	-32.56	2.48802G	-43.94	15.15599G	-45.91	2
2452MHz	Pass	2.43198G	11.53	-18.47	95.84M	-43.58	2.39924G	-34.40	2.48822G	-44.28	16.53583G	-46.50	3
802.11ax HEW20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.442G	13.49	-16.51	95.82M	-42.55	2.3997G	-20.08	2.5126G	-51.79	6.81651G	-46.15	1
2412MHz	Pass	2.442G	13.49	-16.51	95.82M	-42.80	2.3997G	-19.56	2.5054G	-51.37	16.66403G	-46.40	2
2412MHz	Pass	2.442G	13.49	-16.51	95.82M	-42.07	2.39946G	-16.58	2.50106G	-50.99	16.8607G	-45.86	3
2437MHz	Pass	2.442G	13.49	-16.51	95.82M	-42.42	2.39984G	-40.24	2.51234G	-52.01	15.15529G	-46.65	1
2437MHz	Pass	2.442G	13.49	-16.51	95.82M	-42.90	2.39976G	-37.86	2.516G	-50.77	17.48161G	-45.68	2
2437MHz	Pass	2.442G	13.49	-16.51	95.82M	-42.88	2.39972G	-36.72	2.48436G	-51.88	15.11034G	-46.48	3
2462MHz	Pass	2.442G	13.49	-16.51	95.82M	-44.39	2.3986G	-48.92	2.48634G	-45.29	16.41117G	-46.70	1
2462MHz	Pass	2.442G	13.49	-16.51	95.82M	-42.75	2.39904G	-47.38	2.48574G	-45.26	16.75112G	-45.87	2
2462MHz	Pass	2.442G	13.49	-16.51	95.82M	-43.30	2.39898G	-47.30	2.484G	-44.09	24.13746G	-46.32	3
802.11ax HEW40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43198G	10.16	-19.84	95.84M	-42.32	2.39916G	-23.28	2.4857G	-52.67	16.49376G	-46.82	1
2422MHz	Pass	2.43198G	10.16	-19.84	95.84M	-42.27	2.39964G	-21.78	2.54098G	-51.94	16.26659G	-46.40	2
2422MHz	Pass	2.43198G	10.16	-19.84	95.84M	-41.80	2.39736G	-20.03	2.49818G	-51.58	16.46852G	-45.96	3
2437MHz	Pass	2.43198G	10.16	-19.84	95.84M	-41.20	2.39984G	-25.21	2.48626G	-50.58	16.84433G	-46.16	1
2437MHz	Pass	2.43198G	10.16	-19.84	95.84M	-42.88	2.39984G	-21.81	2.48786G	-51.52	16.75739G	-46.14	2
2437MHz	Pass	2.43198G	10.16	-19.84	95.84M	-43.13	2.3998G	-21.28	2.48362G	-51.60	16.31427G	-46.39	3
2452MHz	Pass	2.43198G	10.16	-19.84	95.84M	-42.30	2.39904G	-32.20	2.4861G	-41.29	16.3928G	-45.77	1
2452MHz	Pass	2.43198G	10.16	-19.84	95.84M	-42.90	2.3998G	-30.02	2.48606G	-39.48	15.17001G	-46.27	2
2452MHz	Pass	2.43198G	10.16	-19.84	95.84M	-42.65	2.3998G	-30.24	2.48606G	-40.69	16.85555G	-46.44	3

VHT20_Nss1,(MCS0)_3TX

2412MHz

CSE NdB

03/09/2019

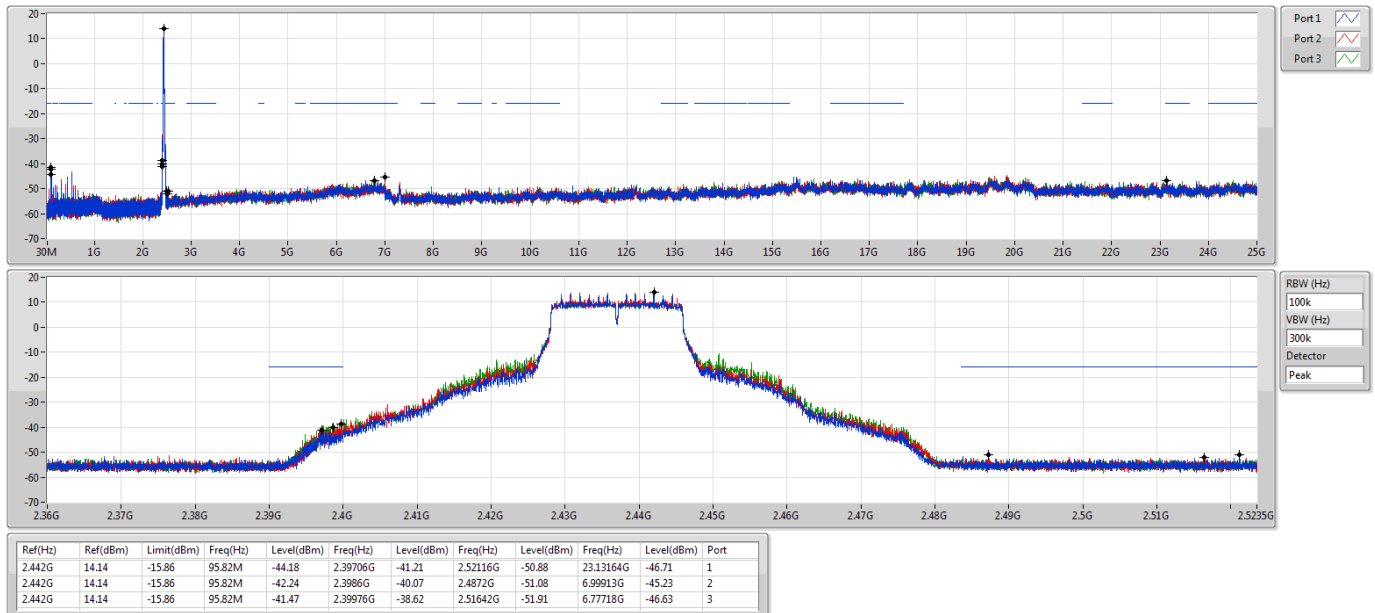


VHT20_Nss1,(MCS0)_3TX

2437MHz

CSE NdB

03/09/2019

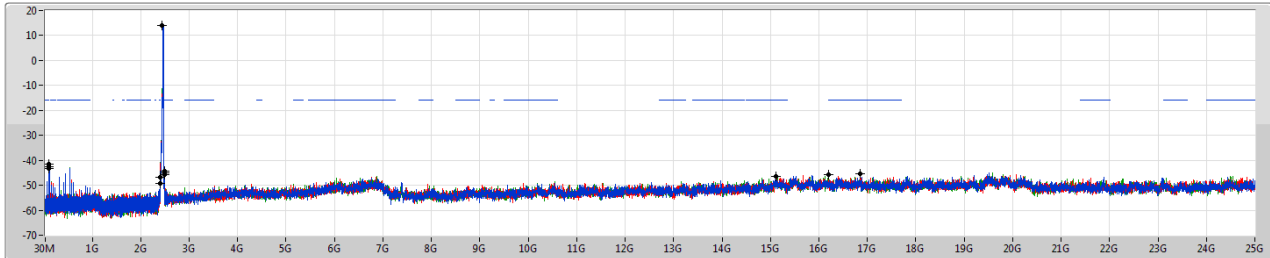


VHT20_Nss1,(MCS0)_3TX

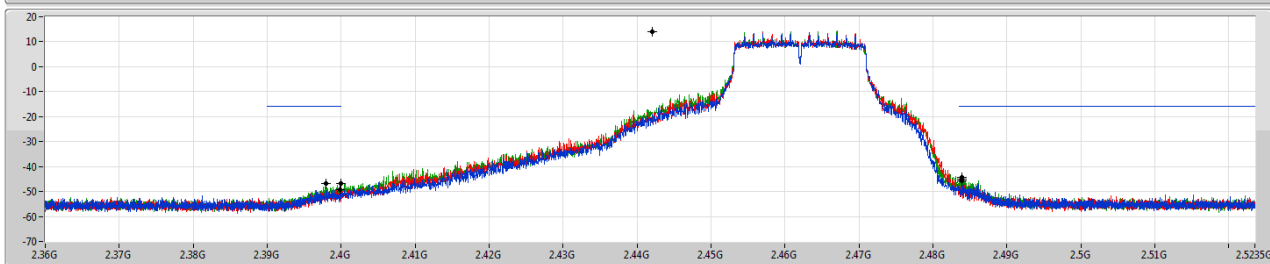
2462MHz

CSE NdB

03/09/2019



Port 1
Port 2
Port 3



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

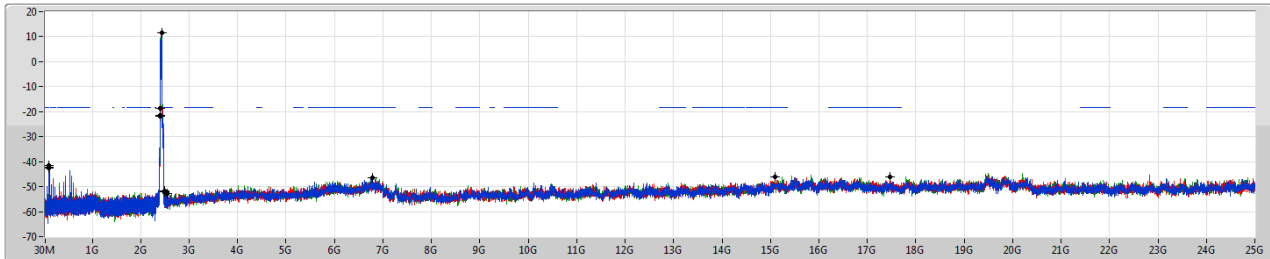
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.442G	14.14	-15.86	95.82M	-43.36	2.39986G	-49.16	2.4839G	-45.58	15.10472G	-46.54	1
2.442G	14.14	-15.86	95.82M	-41.41	2.3999G	-46.75	2.4839G	-45.04	16.8607G	-45.53	2
2.442G	14.14	-15.86	95.82M	-42.61	2.3979G	-46.76	2.48392G	-44.27	16.20888G	-45.62	3

VHT40_Nss1,(MCS0)_3TX

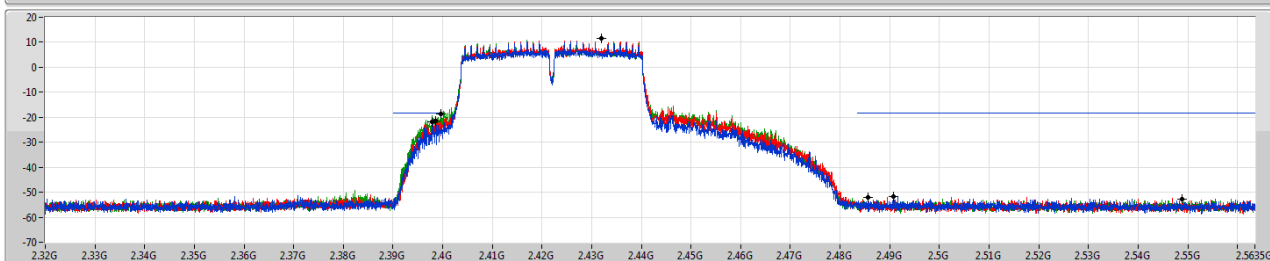
2422MHz

CSE NdB

03/09/2019



Port 1
Port 2
Port 3



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

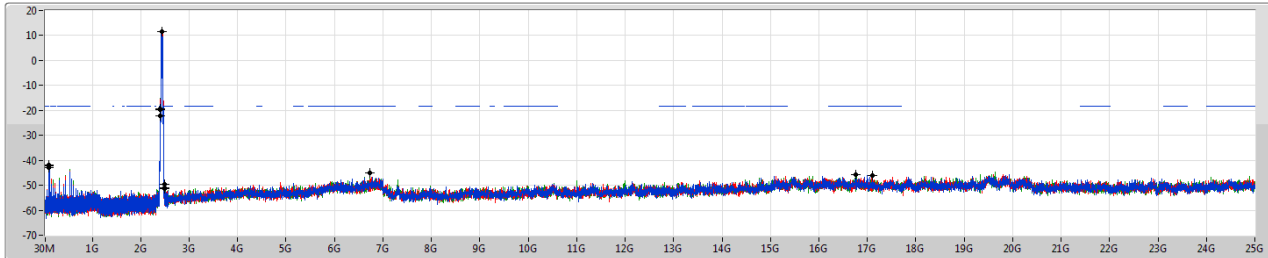
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43198G	11.53	-18.47	95.84M	-41.40	2.39792G	-21.78	2.49082G	-51.57	6.78437G	-46.28	1
2.43198G	11.53	-18.47	95.84M	-42.46	2.39852G	-21.48	2.48562G	-51.98	17.46695G	-46.08	2
2.43198G	11.53	-18.47	95.84M	-42.19	2.39964G	-18.65	2.5489G	-52.64	15.08868G	-46.06	3

VHT40_Nss1,(MCS0)_3TX

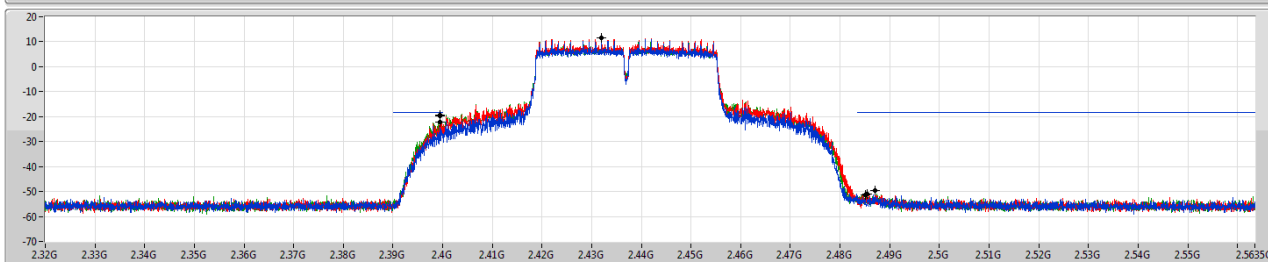
2437MHz

CSE NdB

03/09/2019



Port 1
Port 2
Port 3



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

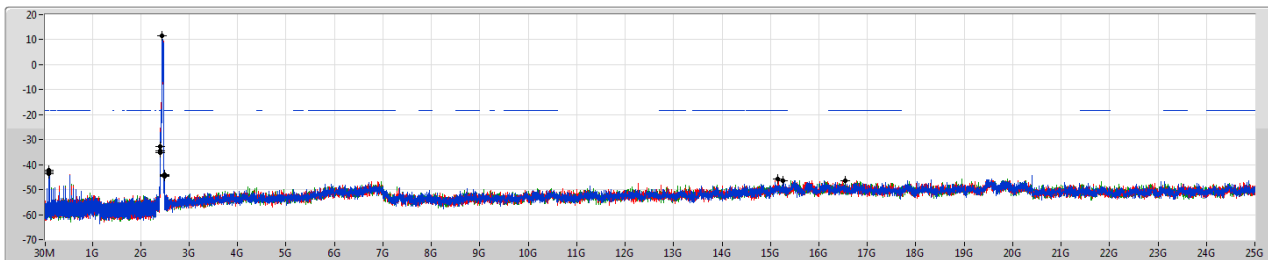
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43198G	11.53	-18.47	96.12M	-42.31	2.39948G	-22.03	2.48514G	-51.23	16.7658G	-45.87	1
2.43198G	11.53	-18.47	95.84M	-41.89	2.39948G	-19.40	2.48706G	-49.50	17.11357G	-46.21	2
2.43198G	11.53	-18.47	95.84M	-42.95	2.39948G	-19.57	2.48546G	-50.86	6.72828G	-44.87	3

VHT40_Nss1,(MCS0)_3TX

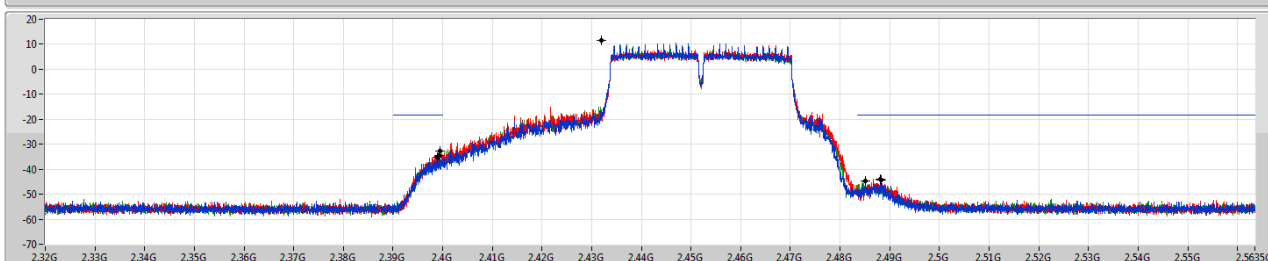
2452MHz

CSE NdB

03/09/2019



Port 1
Port 2
Port 3



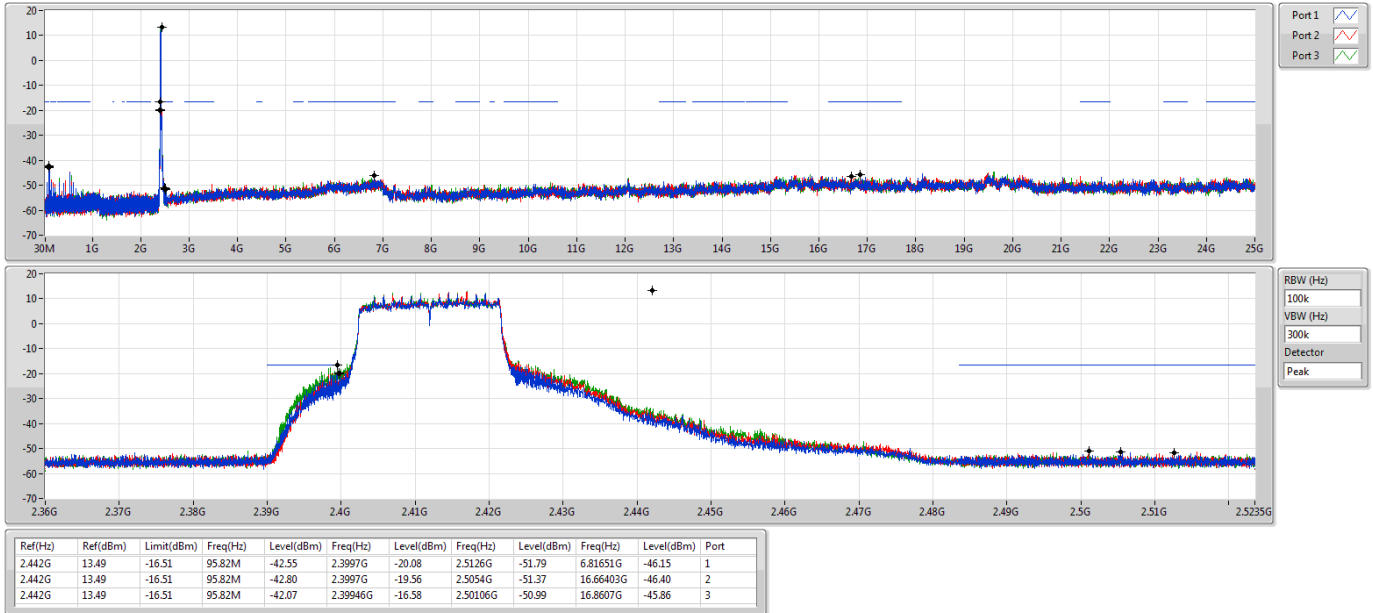
RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43198G	11.53	-18.47	95.84M	-42.36	2.39896G	-35.17	2.4851G	-44.75	15.25695G	-46.41	1
2.43198G	11.53	-18.47	95.84M	-43.10	2.39948G	-32.56	2.48802G	-43.94	15.15599G	-45.91	2
2.43198G	11.53	-18.47	95.84M	-43.58	2.39924G	-34.40	2.48822G	-44.28	16.53583G	-46.50	3

802.11ax HEW20_Nss1,(MCS0)_3TX

2412MHz

CSE NdB



802.11ax HEW20_Nss1,(MCS0)_3TX

2437MHz

CSE NdB

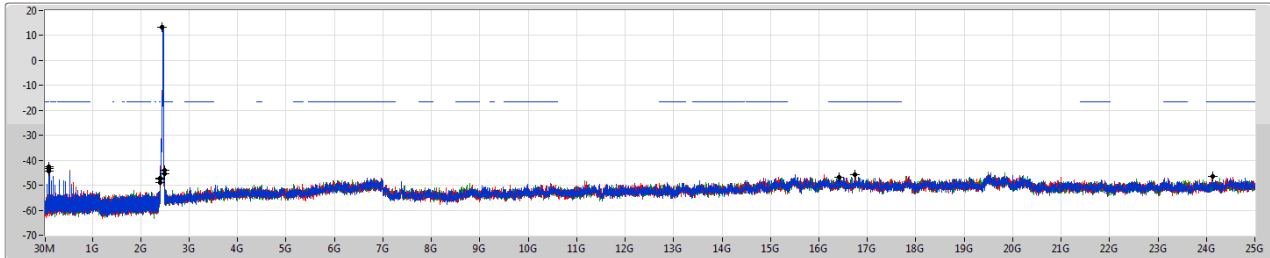


802.11ax HEW20_Nss1,(MCS0)_3TX

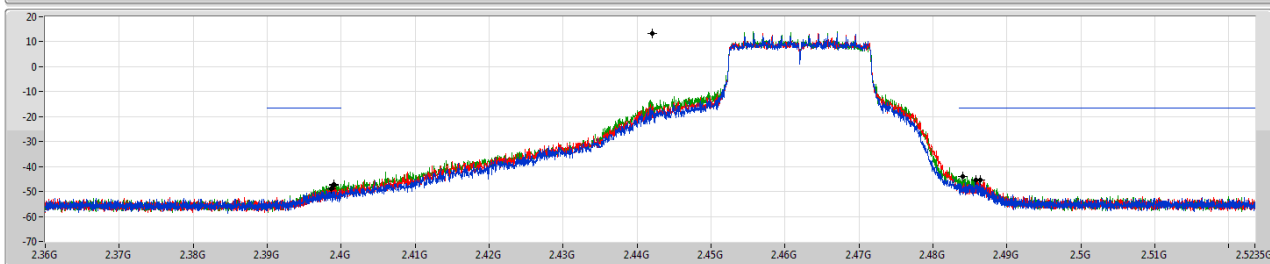
2462MHz

CSE NdB

03/09/2019



Port 1
Port 2
Port 3



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

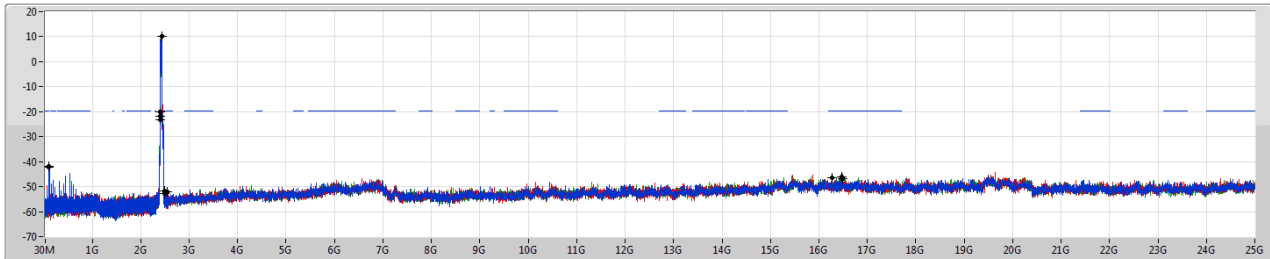
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.442G	13.49	-16.51	95.82M	-44.39	2.3986G	-48.92	2.48634G	-45.29	16.41117G	-46.70	1
2.442G	13.49	-16.51	95.82M	-42.75	2.39904G	-47.38	2.48574G	-45.26	16.75112G	-45.87	2
2.442G	13.49	-16.51	95.82M	-43.30	2.39898G	-47.30	2.484G	-44.09	24.13746G	-46.32	3

802.11ax HEW40_Nss1,(MCS0)_3TX

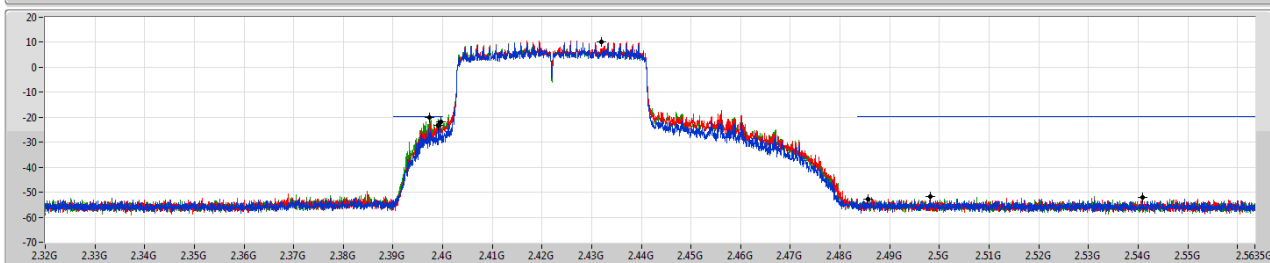
2422MHz

CSE NdB

03/09/2019



Port 1
Port 2
Port 3



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

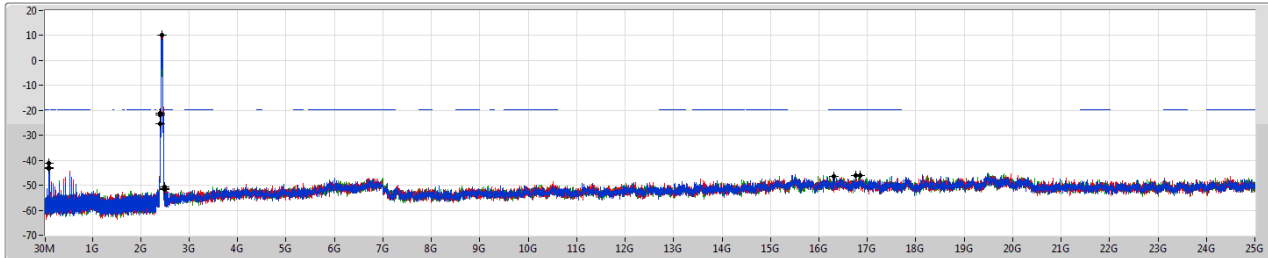
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43198G	10.16	-19.84	95.84M	-42.32	2.39916G	-23.28	2.4857G	-52.67	16.49376G	-46.82	1
2.43198G	10.16	-19.84	95.84M	-42.27	2.39964G	-21.78	2.54098G	-51.94	16.26659G	-46.40	2
2.43198G	10.16	-19.84	95.84M	-41.80	2.39736G	-20.03	2.49818G	-51.58	16.46852G	-45.96	3

802.11ax HEW40_Nss1,(MCS0)_3TX

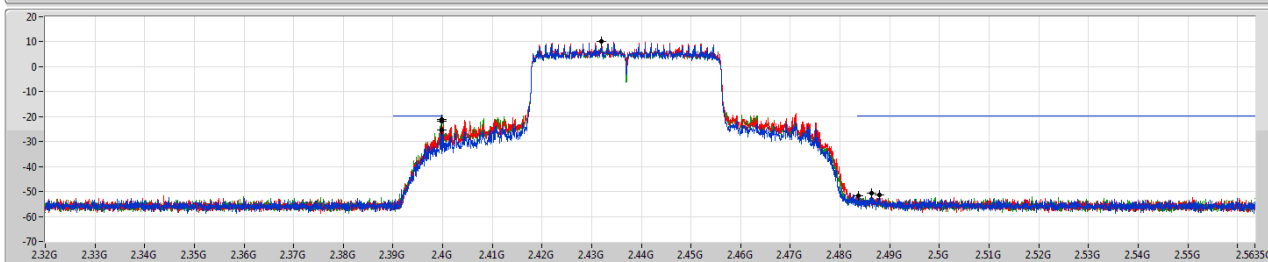
2437MHz

CSE NdB

03/09/2019



Port 1
Port 2
Port 3



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

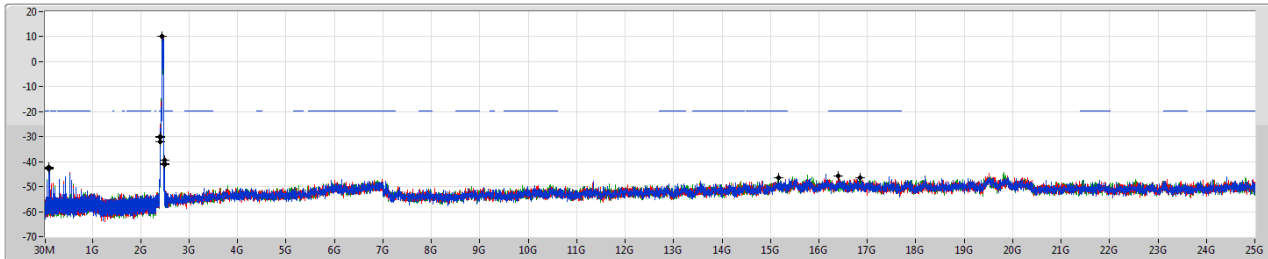
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43198G	10.16	-19.84	95.84M	-41.20	2.39984G	-25.21	2.48626G	-50.58	16.84433G	-46.16	1
2.43198G	10.16	-19.84	95.84M	-42.88	2.39984G	-21.81	2.48786G	-51.52	16.75739G	-46.14	2
2.43198G	10.16	-19.84	95.84M	-43.13	2.3998G	-21.28	2.48362G	-51.60	16.31427G	-46.39	3

802.11ax HEW40_Nss1,(MCS0)_3TX

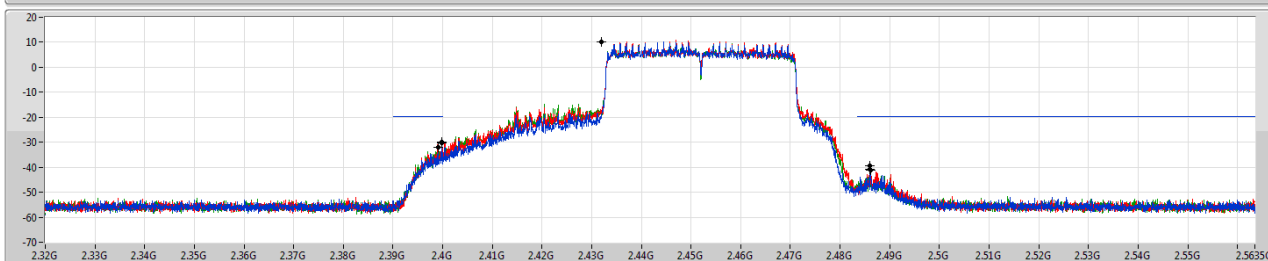
2452MHz

CSE NdB

03/09/2019



Port 1
Port 2
Port 3



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
2.43198G	10.16	-19.84	95.84M	-42.30	2.39904G	-32.20	2.4861G	-41.29	16.3928G	-45.77	1
2.43198G	10.16	-19.84	95.84M	-42.90	2.3998G	-30.02	2.48606G	-39.48	15.17001G	-46.27	2
2.43198G	10.16	-19.84	95.84M	-42.65	2.3998G	-30.24	2.48606G	-40.69	16.85555G	-46.44	3

**3T2S
Summary**

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
VHT20_Nss2,(MCS0)_3TX	Pass	2.41699G	14.13	-15.87	95.82M	-42.99	2.39954G	-15.98	2.48472G	-52.12	24.74995G	-46.67	3
802.11ax HEW20_Nss2,(MCS0)_3TX	Pass	2.46701G	14.64	-15.36	95.82M	-43.87	2.39748G	-16.32	2.50636G	-52.36	16.26507G	-46.75	3

Result

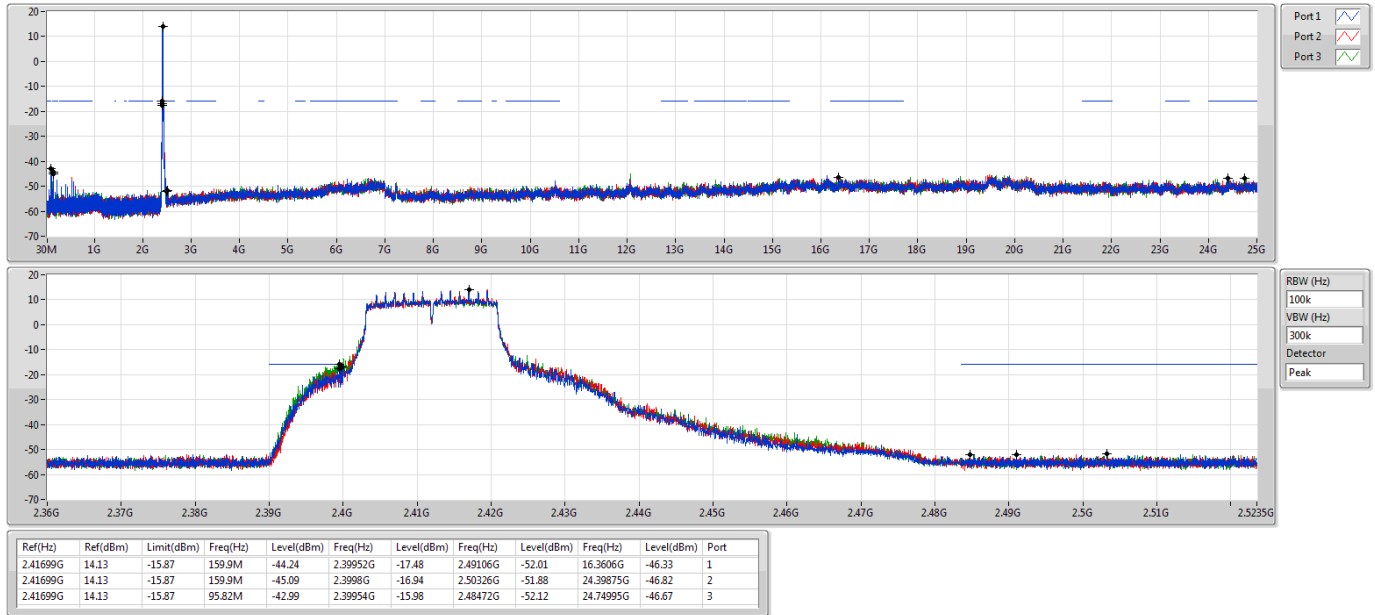
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
VHT20_Nss2,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41699G	14.13	-15.87	159.9M	-44.24	2.39952G	-17.48	2.49106G	-52.01	16.3606G	-46.33	1
2412MHz	Pass	2.41699G	14.13	-15.87	159.9M	-45.09	2.3998G	-16.94	2.50326G	-51.88	24.39875G	-46.82	2
2412MHz	Pass	2.41699G	14.13	-15.87	95.82M	-42.99	2.39954G	-15.98	2.48472G	-52.12	24.74995G	-46.67	3
2462MHz	Pass	2.41699G	14.13	-15.87	95.82M	-42.32	2.39928G	-49.61	2.48384G	-46.48	24.73309G	-46.45	1
2462MHz	Pass	2.41699G	14.13	-15.87	95.82M	-43.86	2.3975G	-48.84	2.48508G	-44.58	6.70132G	-45.93	2
2462MHz	Pass	2.41699G	14.13	-15.87	95.82M	-44.13	2.39936G	-48.31	2.48356G	-45.70	24.85109G	-46.67	3
802.11ax HEW20_Nss2,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.46701G	14.64	-15.36	95.82M	-43.74	2.39648G	-18.75	2.52054G	-51.44	6.98228G	-46.17	1
2412MHz	Pass	2.46701G	14.64	-15.36	95.82M	-44.17	2.39996G	-19.55	2.48426G	-51.11	16.47298G	-44.98	2
2412MHz	Pass	2.46701G	14.64	-15.36	95.82M	-43.87	2.39748G	-16.32	2.50636G	-52.36	16.26507G	-46.75	3
2462MHz	Pass	2.46701G	14.64	-15.36	159.9M	-43.63	2.39784G	-48.65	2.48484G	-43.23	16.82979G	-45.76	1
2462MHz	Pass	2.46701G	14.64	-15.36	95.82M	-42.00	2.39984G	-47.80	2.48372G	-44.76	15.20025G	-45.74	2
2462MHz	Pass	2.46701G	14.64	-15.36	159.9M	-43.46	2.39992G	-46.67	2.48354G	-42.17	15.1272G	-46.36	3

VHT20_Nss2,(MCS0)_3TX

2412MHz

CSE NdB

04/09/2019

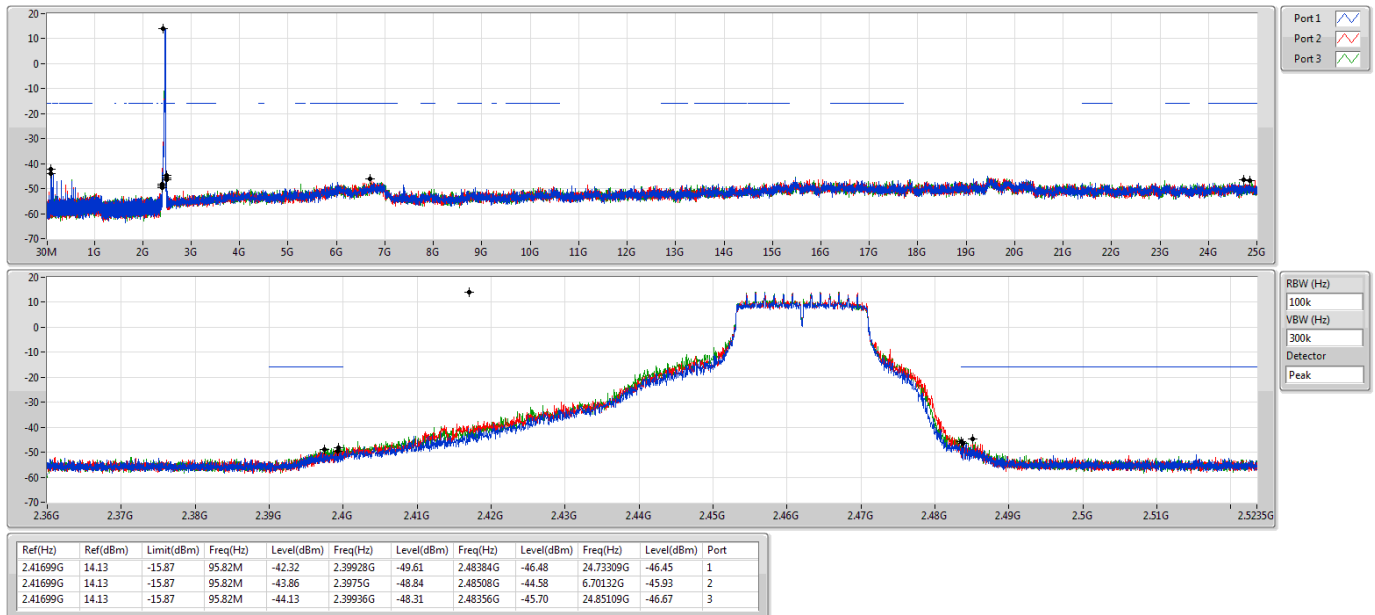


VHT20_Nss2,(MCS0)_3TX

2462MHz

CSE NdB

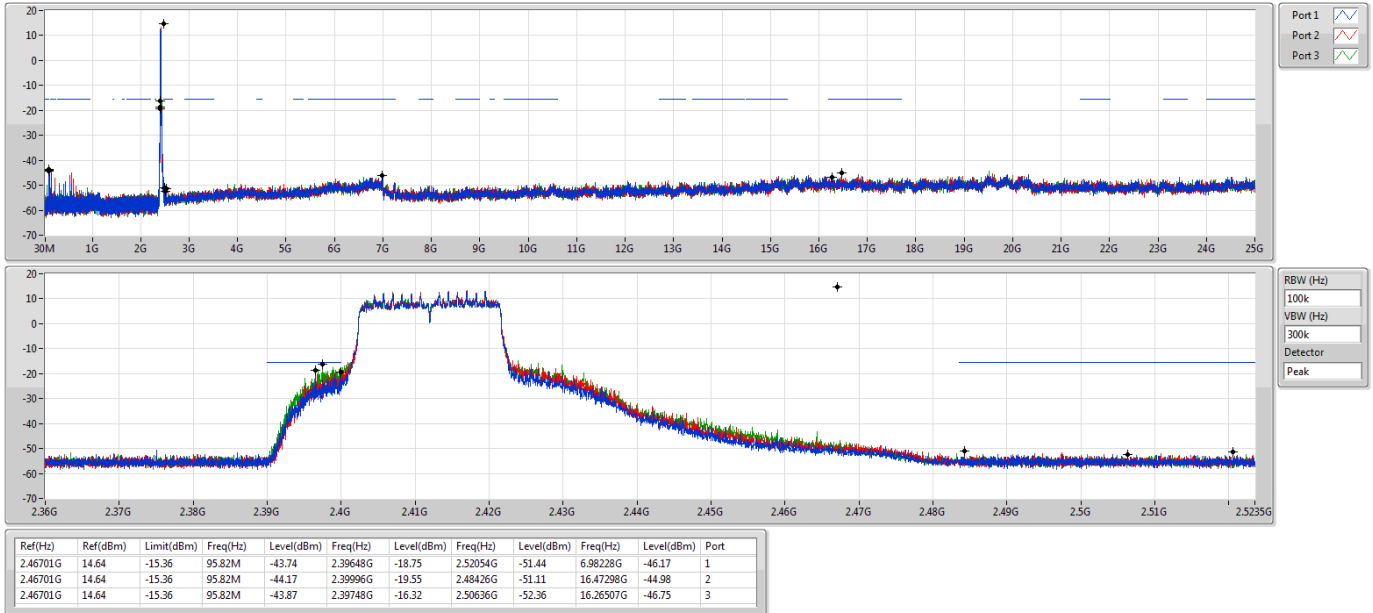
04/09/2019



802.11ax HEW20_Nss2,(MCS0)_3TX

2412MHz

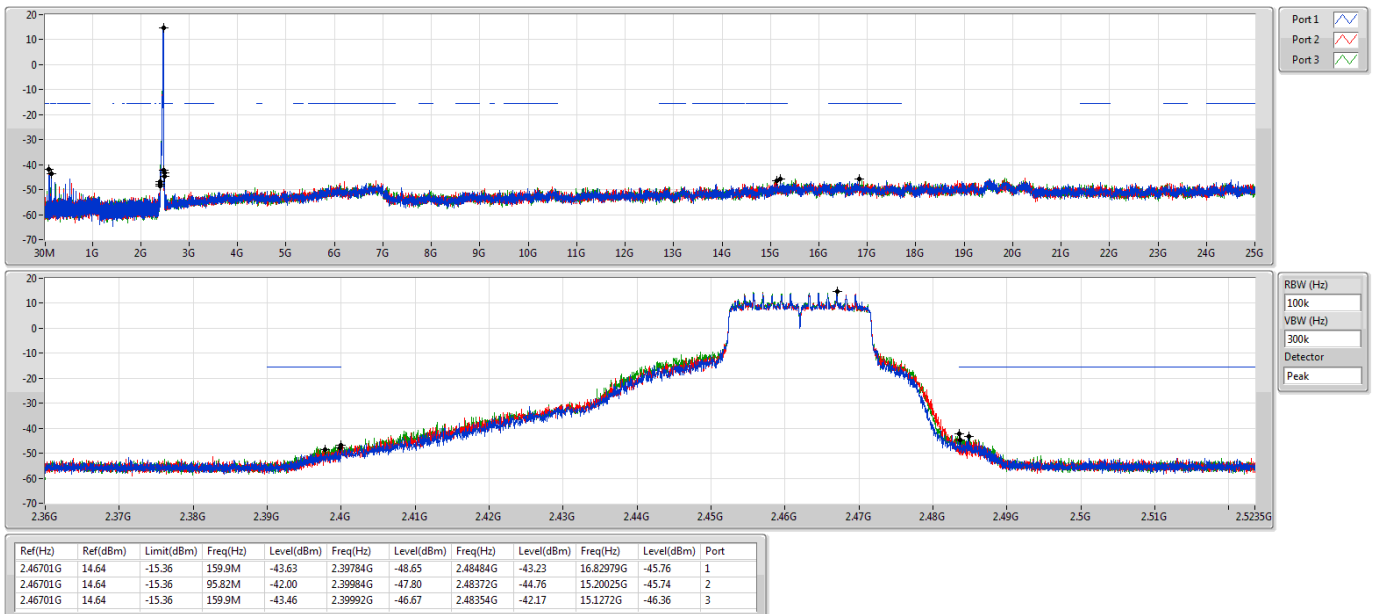
CSE NdB



802.11ax HEW20_Nss2,(MCS0)_3TX

2462MHz

CSE NdB



**3T3S
Summary**

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
VHT20_Nss3,(MCS0)_3TX	Pass	2.41699G	14.13	-15.87	96.11M	-43.23	2.39986G	-16.05	2.5144G	-51.78	17.3917G	-46.62	2
802.11ax HEW20_Nss3,(MCS0)_3TX	Pass	2.41699G	13.90	-16.10	159.9M	-44.66	2.3996G	-17.03	2.50754G	-51.69	15.1272G	-46.00	3

Result

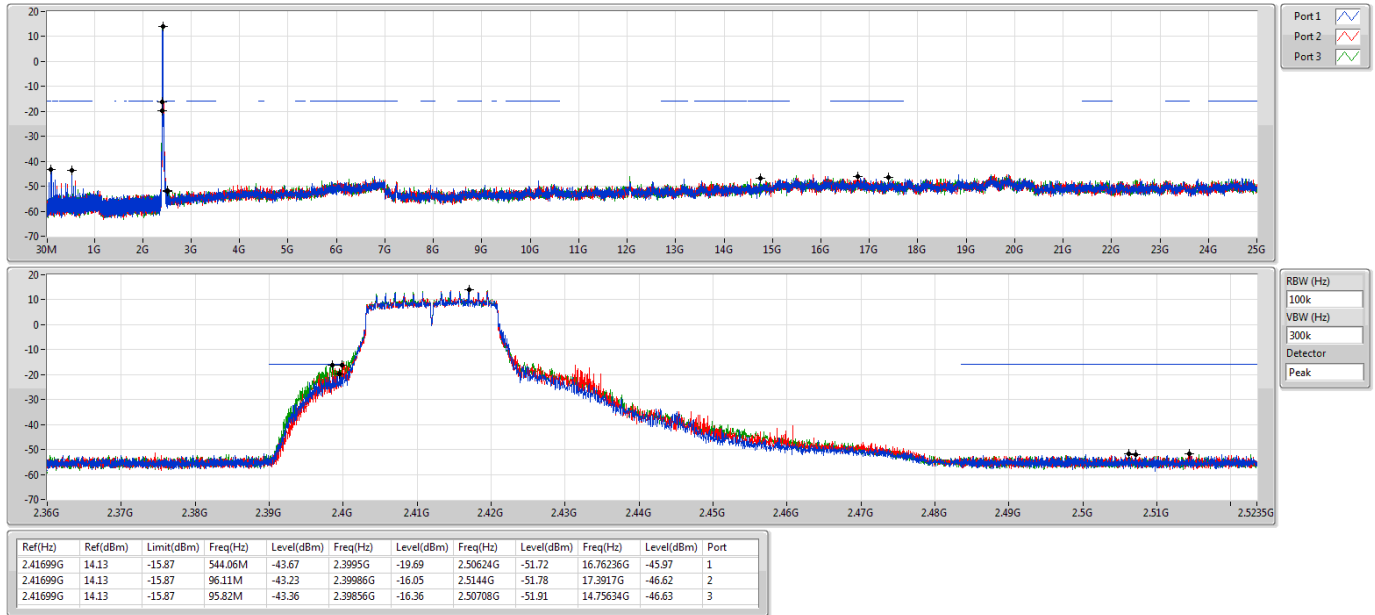
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
VHT20_Nss3,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41699G	14.13	-15.87	544.06M	-43.67	2.3995G	-19.69	2.50624G	-51.72	16.76236G	-45.97	1
2412MHz	Pass	2.41699G	14.13	-15.87	96.11M	-43.23	2.39986G	-16.05	2.5144G	-51.78	17.3917G	-46.62	2
2412MHz	Pass	2.41699G	14.13	-15.87	95.82M	-43.36	2.39856G	-16.36	2.50708G	-51.91	14.75634G	-46.63	3
2462MHz	Pass	2.41699G	14.13	-15.87	95.82M	-42.96	2.39932G	-49.39	2.48386G	-47.07	17.00679G	-46.42	1
2462MHz	Pass	2.41699G	14.13	-15.87	95.82M	-43.30	2.3992G	-45.80	2.48546G	-47.78	16.42241G	-46.16	2
2462MHz	Pass	2.41699G	14.13	-15.87	95.82M	-43.01	2.3988G	-47.47	2.4836G	-45.26	16.50388G	-46.56	3
802.11ax HEW20_Nss3,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41699G	13.90	-16.10	159.9M	-43.15	2.39758G	-19.02	2.51862G	-51.72	24.46899G	-46.66	1
2412MHz	Pass	2.41699G	13.90	-16.10	95.82M	-43.10	2.39892G	-19.94	2.49028G	-51.34	16.52355G	-46.32	2
2412MHz	Pass	2.41699G	13.90	-16.10	159.9M	-44.66	2.3996G	-17.03	2.50754G	-51.69	15.1272G	-46.00	3
2462MHz	Pass	2.41699G	13.90	-16.10	95.82M	-43.88	2.39996G	-48.50	2.48584G	-46.00	16.94779G	-45.72	1
2462MHz	Pass	2.41699G	13.90	-16.10	159.9M	-44.41	2.39934G	-48.19	2.48598G	-46.27	24.63195G	-46.82	2
2462MHz	Pass	2.41699G	13.90	-16.10	159.9M	-42.18	2.39908G	-46.72	2.484G	-44.76	15.05134G	-45.81	3

VHT20_Nss3,(MCS0)_3TX

2412MHz

CSE NdB

04/09/2019

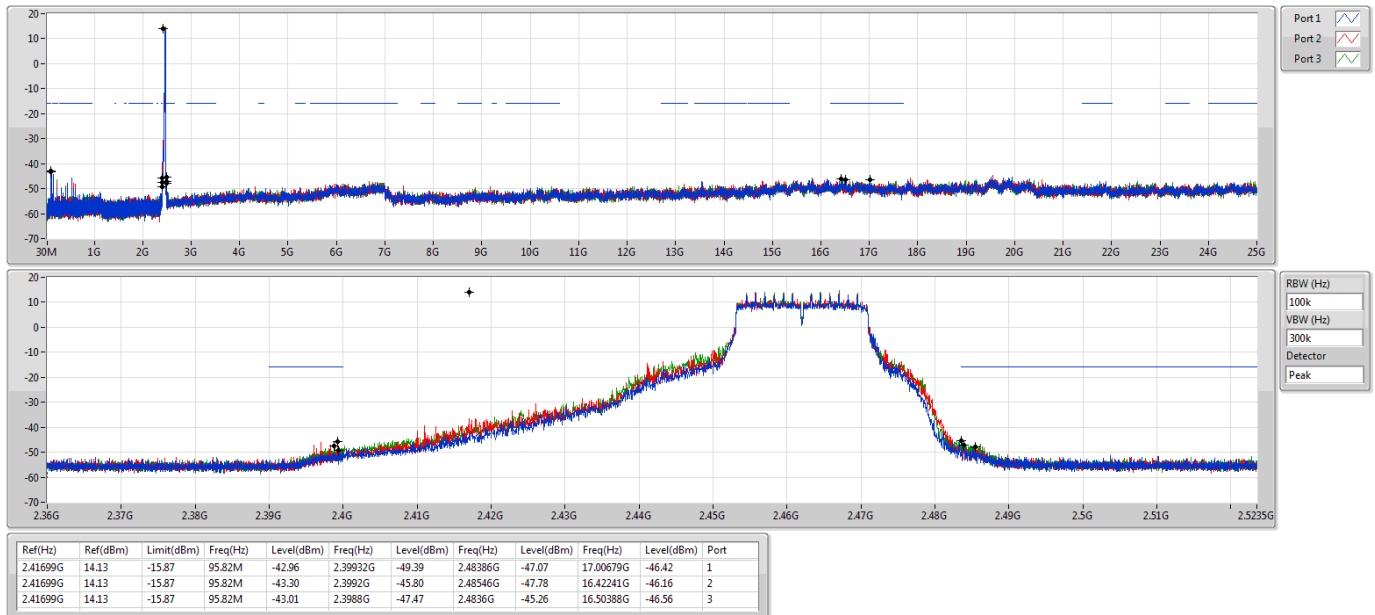


VHT20_Nss3,(MCS0)_3TX

2462MHz

CSE NdB

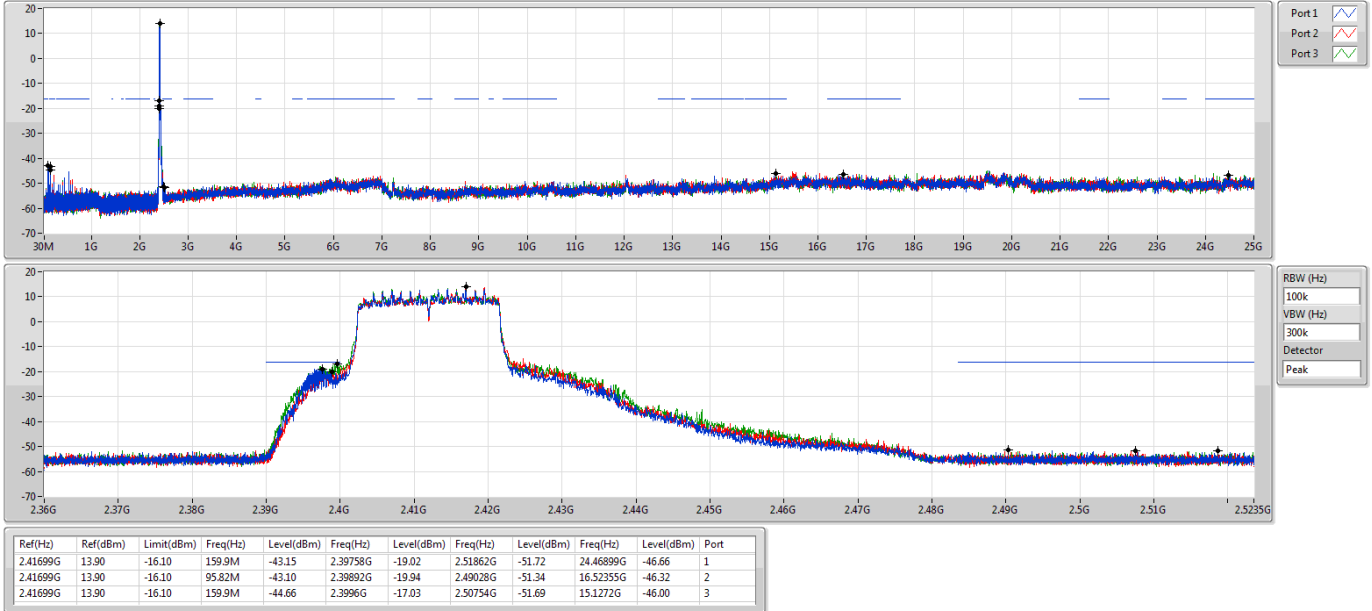
04/09/2019



802.11ax HEW20_Nss3,(MCS0)_3TX

2412MHz

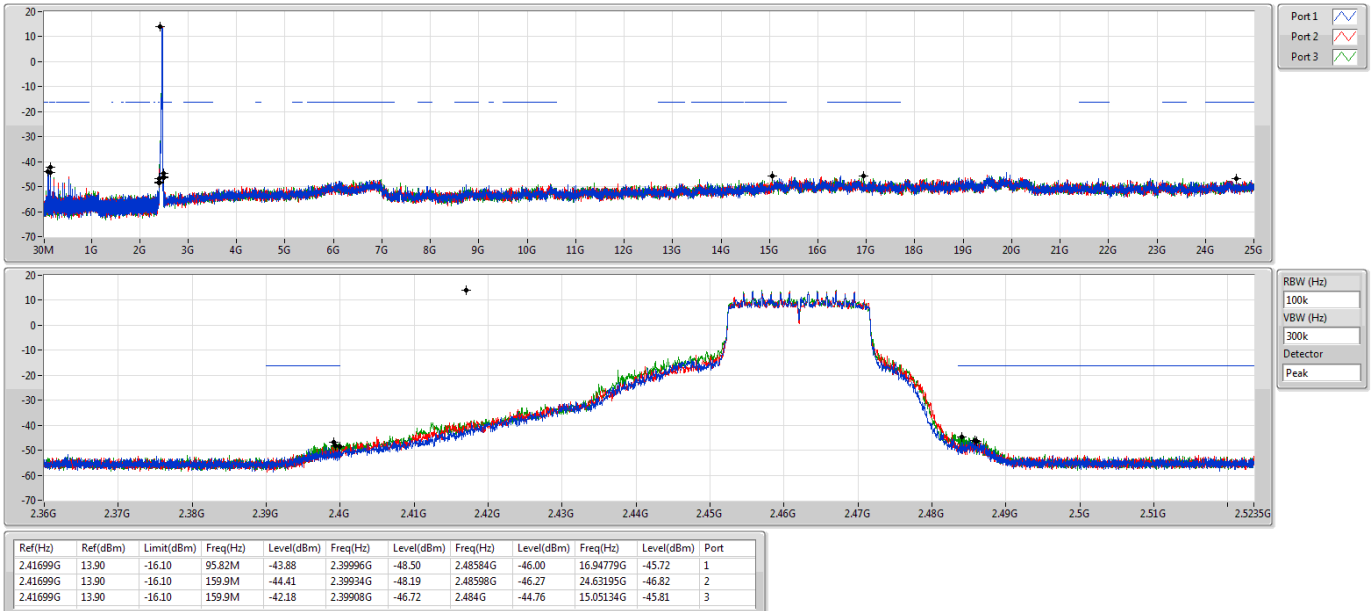
CSE NdB



802.11ax HEW20_Nss3,(MCS0)_3TX

2462MHz

CSE NdB



**4T1S
Summary**

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_4TX	Pass	2.41148G	15.96	-14.04	1.95982G	-55.26	2.399G	-46.58	2.48822G	-46.02	13.20827G	-44.40	1
802.11g_Nss1,(6Mbps)_4TX	Pass	2.442G	12.60	-17.40	95.82M	-43.52	2.39942G	-19.56	2.5065G	-52.00	6.11693G	-46.75	3
VHT20_Nss1,(MCS0)_4TX	Pass	2.43198G	12.68	-17.32	95.82M	-43.99	2.39828G	-19.93	2.5234G	-50.69	6.67322G	-46.84	3
VHT40_Nss1,(MCS0)_4TX	Pass	2.43198G	9.69	-20.31	95.84M	-42.57	2.39856G	-22.45	2.4885G	-52.72	16.93969G	-46.50	3
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	2.43198G	12.55	-17.45	95.82M	-43.14	2.39944G	-18.13	2.49288G	-51.65	15.19182G	-46.56	3
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	2.44075G	9.58	-20.42	95.84M	-41.70	2.3992G	-23.54	2.49962G	-52.18	24.42226G	-45.22	3

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41148G	15.96	-14.04	2.01516G	-55.47	2.39704G	-46.39	2.49922G	-46.07	12.88517G	-48.59	1
2412MHz	Pass	2.41148G	15.96	-14.04	1.93594G	-55.24	2.39422G	-46.32	2.49062G	-46.26	7.23514G	-49.62	2
2412MHz	Pass	2.41148G	15.96	-14.04	34.66M	-54.86	2.39318G	-46.20	2.48996G	-46.00	7.23514G	-48.07	3
2412MHz	Pass	2.41148G	15.96	-14.04	2.17884G	-54.99	2.39192G	-45.70	2.49252G	-45.69	7.23514G	-48.81	4
2437MHz	Pass	2.41148G	15.96	-14.04	1.87915G	-55.04	2.39382G	-45.98	2.49118G	-45.64	13.0425G	-45.05	1
2437MHz	Pass	2.41148G	15.96	-14.04	2.18962G	-54.01	2.3985G	-46.79	2.49922G	-45.83	6.42317G	-50.70	2
2437MHz	Pass	2.41148G	15.96	-14.04	2.09584G	-54.95	2.39396G	-46.72	2.5042G	-45.96	6.31922G	-50.51	3
2437MHz	Pass	2.41148G	15.96	-14.04	1.94555G	-55.25	2.39304G	-46.25	2.48354G	-45.50	7.00194G	-50.76	4
2462MHz	Pass	2.41148G	15.96	-14.04	1.95982G	-55.26	2.399G	-46.58	2.48822G	-46.02	13.20827G	-44.40	1
2462MHz	Pass	2.41148G	15.96	-14.04	2.06962G	-54.69	2.39956G	-46.75	2.48872G	-46.01	21.85891G	-50.17	2
2462MHz	Pass	2.41148G	15.96	-14.04	1.7542G	-55.56	2.39258G	-46.09	2.5122G	-45.44	6.37541G	-50.40	3
2462MHz	Pass	2.41148G	15.96	-14.04	1.77517G	-55.16	2.3908G	-46.59	2.49278G	-45.70	21.85048G	-50.95	4
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.442G	12.60	-17.40	95.82M	-41.87	2.3992G	-22.25	2.49186G	-50.19	24.82862G	-46.21	1
2412MHz	Pass	2.442G	12.60	-17.40	95.82M	-42.76	2.3998G	-21.93	2.51104G	-51.65	6.9317G	-46.41	2
2412MHz	Pass	2.442G	12.60	-17.40	95.82M	-43.52	2.39942G	-19.56	2.5065G	-52.00	6.11693G	-46.75	3
2412MHz	Pass	2.442G	12.60	-17.40	95.82M	-42.56	2.39948G	-21.68	2.51878G	-51.71	15.20025G	-46.52	4
2437MHz	Pass	2.442G	12.60	-17.40	95.82M	-40.55	2.3996G	-45.38	2.49308G	-51.85	16.21731G	-46.74	1
2437MHz	Pass	2.442G	12.60	-17.40	543.77M	-42.20	2.39764G	-43.58	2.51656G	-51.28	16.44488G	-45.46	2
2437MHz	Pass	2.442G	12.60	-17.40	95.82M	-42.80	2.39952G	-42.09	2.50166G	-51.17	16.50669G	-45.68	3
2437MHz	Pass	2.442G	12.60	-17.40	95.82M	-42.93	2.3992G	-43.07	2.4838G	-50.64	16.79889G	-46.05	4
2462MHz	Pass	2.442G	12.60	-17.40	95.82M	-43.73	2.39836G	-50.52	2.48362G	-51.33	16.36902G	-46.15	1
2462MHz	Pass	2.442G	12.60	-17.40	544.06M	-43.85	2.39762G	-50.20	2.48356G	-50.72	16.44769G	-46.19	2
2462MHz	Pass	2.442G	12.60	-17.40	95.82M	-44.02	2.39978G	-48.91	2.48386G	-48.97	24.81457G	-46.57	3
2462MHz	Pass	2.442G	12.60	-17.40	95.82M	-42.69	2.39938G	-50.35	2.48388G	-48.57	6.83337G	-46.41	4
VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43198G	12.68	-17.32	95.82M	-42.32	2.39856G	-23.90	2.50424G	-51.51	16.44769G	-45.63	1
2412MHz	Pass	2.43198G	12.68	-17.32	95.82M	-42.69	2.39954G	-20.51	2.5157G	-51.62	16.87755G	-46.53	2
2412MHz	Pass	2.43198G	12.68	-17.32	95.82M	-43.99	2.39828G	-19.93	2.5234G	-50.69	6.67322G	-46.84	3
2412MHz	Pass	2.43198G	12.68	-17.32	95.82M	-43.75	2.3998G	-22.85	2.48394G	-51.22	15.20587G	-46.98	4
2437MHz	Pass	2.43198G	12.68	-17.32	95.82M	-43.62	2.39774G	-43.90	2.51226G	-51.90	16.50107G	-46.03	1
2437MHz	Pass	2.43198G	12.68	-17.32	95.82M	-42.97	2.39884G	-42.57	2.49382G	-52.06	15.15248G	-46.19	2
2437MHz	Pass	2.43198G	12.68	-17.32	95.82M	-43.15	2.3998G	-39.99	2.49838G	-52.24	15.2761G	-46.27	3
2437MHz	Pass	2.43198G	12.68	-17.32	95.82M	-41.61	2.39884G	-43.43	2.4928G	-51.24	14.50066G	-46.10	4
2462MHz	Pass	2.43198G	12.68	-17.32	95.82M	-42.93	2.39796G	-50.73	2.486G	-49.14	24.80052G	-46.56	1
2462MHz	Pass	2.43198G	12.68	-17.32	95.82M	-44.57	2.39948G	-50.34	2.48386G	-49.43	15.25082G	-46.02	2
2462MHz	Pass	2.43198G	12.68	-17.32	95.82M	-42.87	2.39864G	-49.52	2.48382G	-47.01	16.53198G	-46.57	3
2462MHz	Pass	2.43198G	12.68	-17.32	95.82M	-43.82	2.39876G	-49.30	2.4839G	-47.20	6.74065G	-45.95	4
VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43198G	9.69	-20.31	95.84M	-43.19	2.39856G	-26.47	2.5005G	-51.99	17.49219G	-46.09	1
2422MHz	Pass	2.43198G	9.69	-20.31	95.84M	-44.14	2.39796G	-23.88	2.53202G	-51.76	24.52042G	-45.51	2
2422MHz	Pass	2.43198G	9.69	-20.31	95.84M	-42.57	2.39856G	-22.45	2.4885G	-52.72	16.93969G	-46.50	3
2422MHz	Pass	2.43198G	9.69	-20.31	544.11M	-45.47	2.39912G	-25.62	2.55226G	-52.09	21.76353G	-45.96	4
2437MHz	Pass	2.43198G	9.69	-20.31	95.84M	-43.82	2.39804G	-28.14	2.49186G	-51.82	16.62558G	-45.99	1
2437MHz	Pass	2.43198G	9.69	-20.31	543.82M	-44.30	2.39948G	-24.93	2.48374G	-51.81	16.79665G	-45.25	2
2437MHz	Pass	2.43198G	9.69	-20.31	95.84M	-42.43	2.39948G	-23.86	2.50766G	-51.79	16.25818G	-45.78	3
2437MHz	Pass	2.43198G	9.69	-20.31	95.84M	-42.55	2.39948G	-27.23	2.48406G	-51.28	16.37317G	-46.60	4

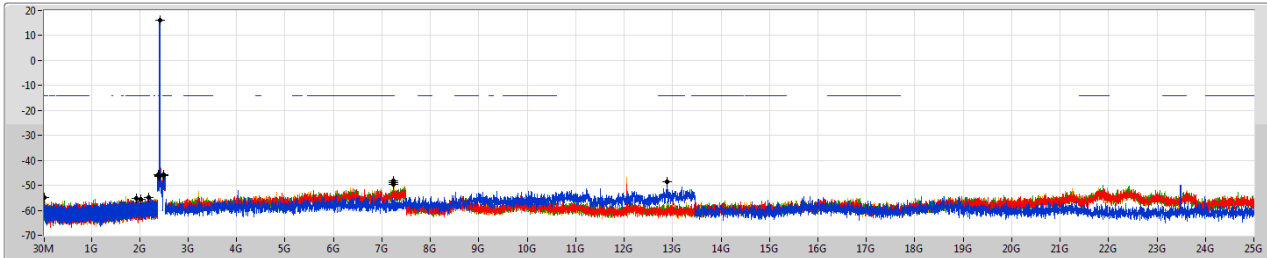
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2452MHz	Pass	2.43198G	9.69	-20.31	544.11M	-44.63	2.39888G	-36.79	2.48506G	-44.46	16.81909G	-45.92	1
2452MHz	Pass	2.43198G	9.69	-20.31	95.84M	-42.47	2.39892G	-33.29	2.48818G	-43.32	24.80368G	-46.23	2
2452MHz	Pass	2.43198G	9.69	-20.31	95.84M	-42.26	2.39924G	-34.47	2.4851G	-45.35	15.15038G	-46.19	3
2452MHz	Pass	2.43198G	9.69	-20.31	95.84M	-43.33	2.3992G	-35.97	2.48378G	-45.40	16.46572G	-45.78	4
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43198G	12.55	-17.45	95.82M	-41.63	2.39882G	-20.95	2.52124G	-51.88	5.89217G	-45.70	1
2412MHz	Pass	2.43198G	12.55	-17.45	95.82M	-40.93	2.39944G	-20.00	2.49536G	-51.77	24.4999G	-45.96	2
2412MHz	Pass	2.43198G	12.55	-17.45	95.82M	-43.14	2.39944G	-18.13	2.49288G	-51.65	15.19182G	-46.56	3
2412MHz	Pass	2.43198G	12.55	-17.45	95.82M	-42.01	2.39972G	-18.74	2.49896G	-51.50	24.94662G	-46.38	4
2437MHz	Pass	2.43198G	12.55	-17.45	95.82M	-41.06	2.39986G	-41.33	2.52124G	-51.61	16.43083G	-46.80	1
2437MHz	Pass	2.43198G	12.55	-17.45	95.82M	-41.78	2.39986G	-41.69	2.50402G	-51.45	17.34113G	-46.66	2
2437MHz	Pass	2.43198G	12.55	-17.45	95.82M	-40.88	2.39888G	-41.22	2.49342G	-51.93	16.42522G	-46.05	3
2437MHz	Pass	2.43198G	12.55	-17.45	95.82M	-42.97	2.39982G	-42.06	2.50014G	-51.56	24.3819G	-46.84	4
2462MHz	Pass	2.43198G	12.55	-17.45	95.82M	-42.64	2.39886G	-49.75	2.48576G	-49.74	15.09348G	-46.72	1
2462MHz	Pass	2.43198G	12.55	-17.45	95.82M	-42.03	2.3975G	-49.15	2.4858G	-50.07	6.83618G	-46.78	2
2462MHz	Pass	2.43198G	12.55	-17.45	95.82M	-43.55	2.39912G	-49.17	2.48514G	-47.44	16.47017G	-45.87	3
2462MHz	Pass	2.43198G	12.55	-17.45	95.82M	-42.20	2.398G	-50.37	2.48448G	-47.70	17.48723G	-46.29	4
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.44075G	9.58	-20.42	95.84M	-42.23	2.39916G	-26.19	2.48378G	-52.39	6.99471G	-46.49	1
2422MHz	Pass	2.44075G	9.58	-20.42	95.84M	-43.74	2.39916G	-24.91	2.54642G	-52.37	16.88079G	-46.90	2
2422MHz	Pass	2.44075G	9.58	-20.42	95.84M	-41.70	2.3992G	-23.54	2.49962G	-52.18	24.42226G	-45.22	3
2422MHz	Pass	2.44075G	9.58	-20.42	95.84M	-42.15	2.39956G	-26.88	2.49078G	-51.49	15.21488G	-45.47	4
2437MHz	Pass	2.44075G	9.58	-20.42	95.84M	-41.76	2.39824G	-32.10	2.48554G	-52.02	16.25537G	-46.53	1
2437MHz	Pass	2.44075G	9.58	-20.42	95.84M	-42.51	2.39836G	-28.05	2.48402G	-52.27	16.37036G	-45.82	2
2437MHz	Pass	2.44075G	9.58	-20.42	95.84M	-41.58	2.39832G	-28.27	2.48622G	-51.96	16.74056G	-46.09	3
2437MHz	Pass	2.44075G	9.58	-20.42	95.84M	-42.76	2.39836G	-30.75	2.48458G	-52.10	16.77422G	-46.62	4
2452MHz	Pass	2.44075G	9.58	-20.42	95.84M	-40.34	2.39976G	-35.97	2.4861G	-47.08	21.51954G	-46.14	1
2452MHz	Pass	2.44075G	9.58	-20.42	95.84M	-43.30	2.39904G	-33.97	2.48774G	-46.83	16.75459G	-46.47	2
2452MHz	Pass	2.44075G	9.58	-20.42	95.84M	-42.09	2.399G	-36.25	2.48774G	-45.08	6.76193G	-46.09	3
2452MHz	Pass	2.44075G	9.58	-20.42	95.84M	-42.46	2.3998G	-35.46	2.48414G	-46.87	16.763G	-45.94	4

802.11b_Nss1,(1Mbps)_4TX

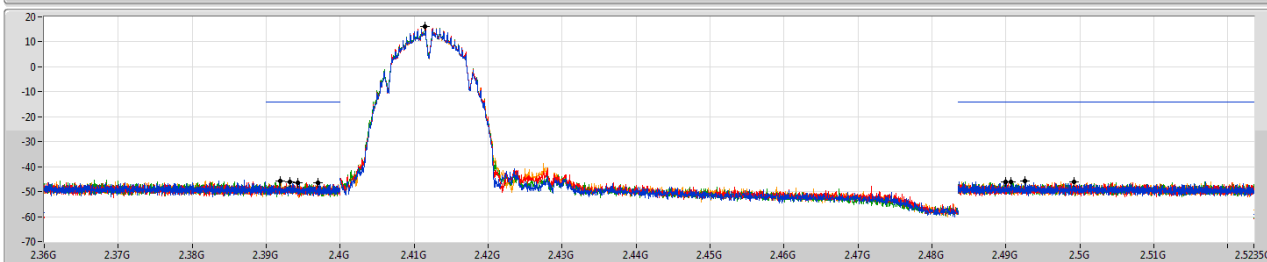
2412MHz

CSE NdB

20/09/2019



Port 1
Port 2
Port 3
Port 4



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

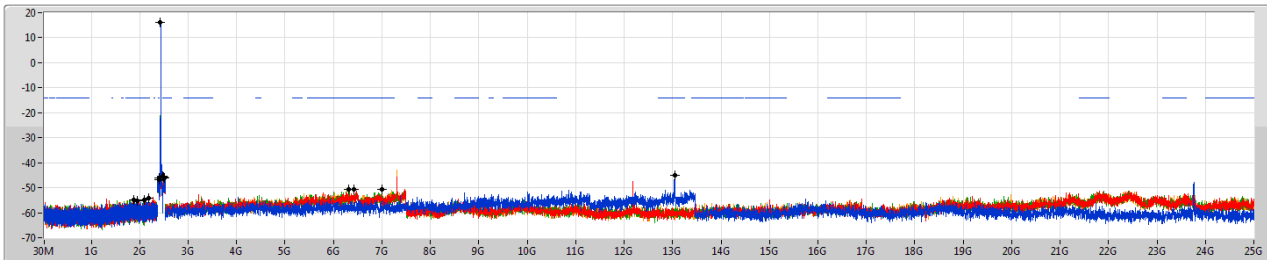
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41148G	15.96	-14.04	2.01516G	-55.47	2.39704G	-46.39	2.49922G	-46.07	12.88517G	-48.59	1
2.41148G	15.96	-14.04	1.93594G	-55.24	2.39422G	-46.32	2.49062G	-46.26	7.23514G	-49.62	2
2.41148G	15.96	-14.04	34.66M	-54.86	2.39318G	-46.20	2.48996G	-46.00	7.23514G	-48.07	3
2.41148G	15.96	-14.04	2.17884G	-54.99	2.39192G	-45.70	2.49252G	-45.69	7.23514G	-48.81	4

802.11b_Nss1,(1Mbps)_4TX

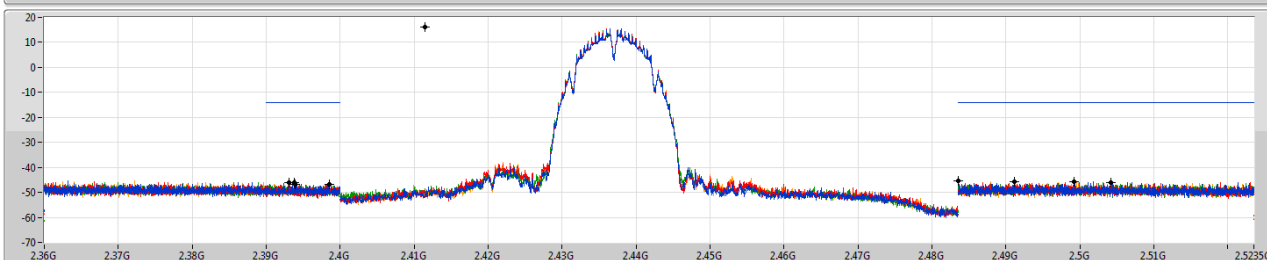
2437MHz

CSE NdB

20/09/2019



Port 1
Port 2
Port 3
Port 4



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

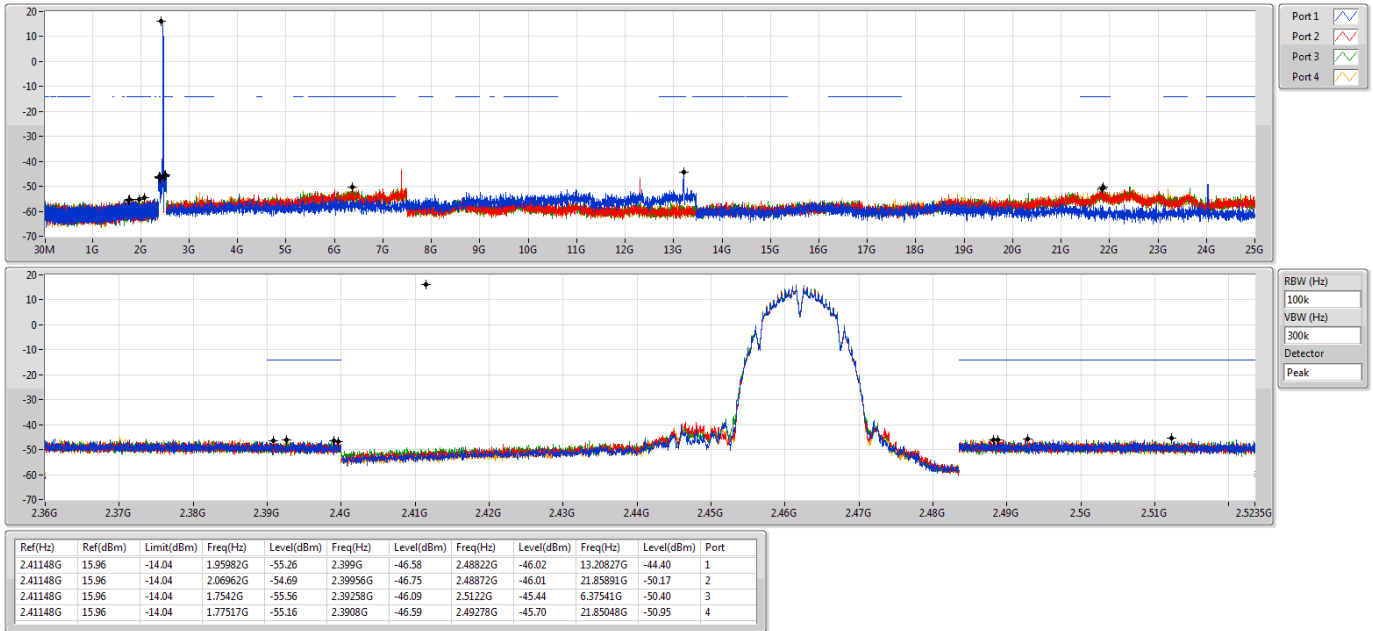
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41148G	15.96	-14.04	1.87915G	-55.04	2.39382G	-45.98	2.49118G	-45.64	13.0425G	-45.05	1
2.41148G	15.96	-14.04	2.18962G	-54.01	2.3985G	-46.79	2.49922G	-45.83	6.42317G	-50.70	2
2.41148G	15.96	-14.04	2.09584G	-54.95	2.39396G	-46.72	2.5042G	-45.96	6.31922G	-50.51	3
2.41148G	15.96	-14.04	1.94555G	-55.25	2.39304G	-46.25	2.48354G	-45.50	7.00194G	-50.76	4

802.11b_Nss1,(1Mbps)_4TX

2462MHz

CSE NdB

20/09/2019

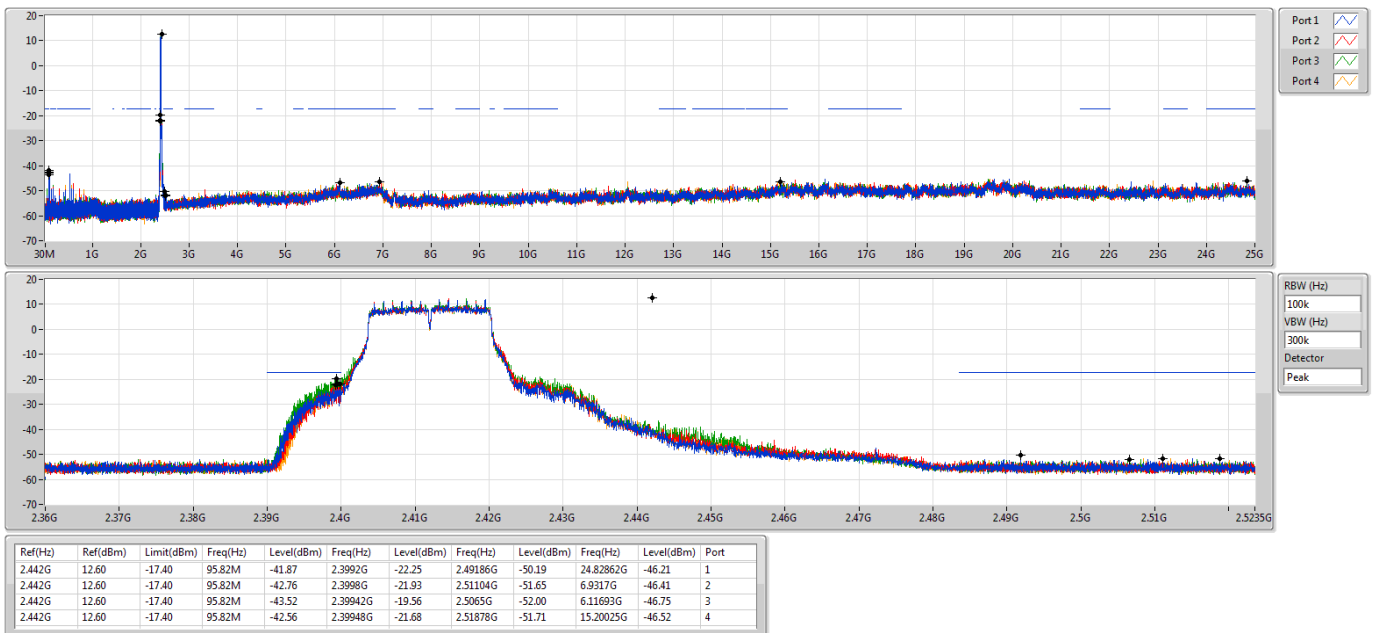


802.11g_Nss1,(6Mbps)_4TX

2412MHz

CSE NdB

03/09/2019

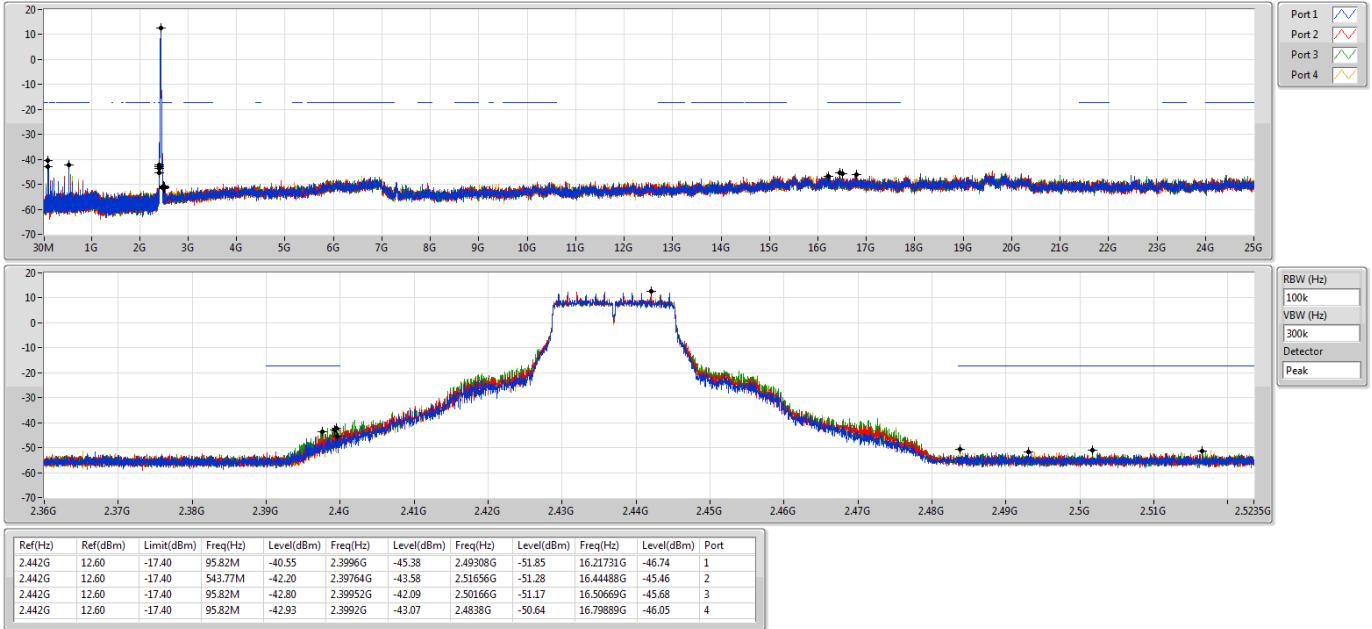


802.11g_Nss1,(6Mbps)_4TX

2437MHz

CSE NdB

03/09/2019

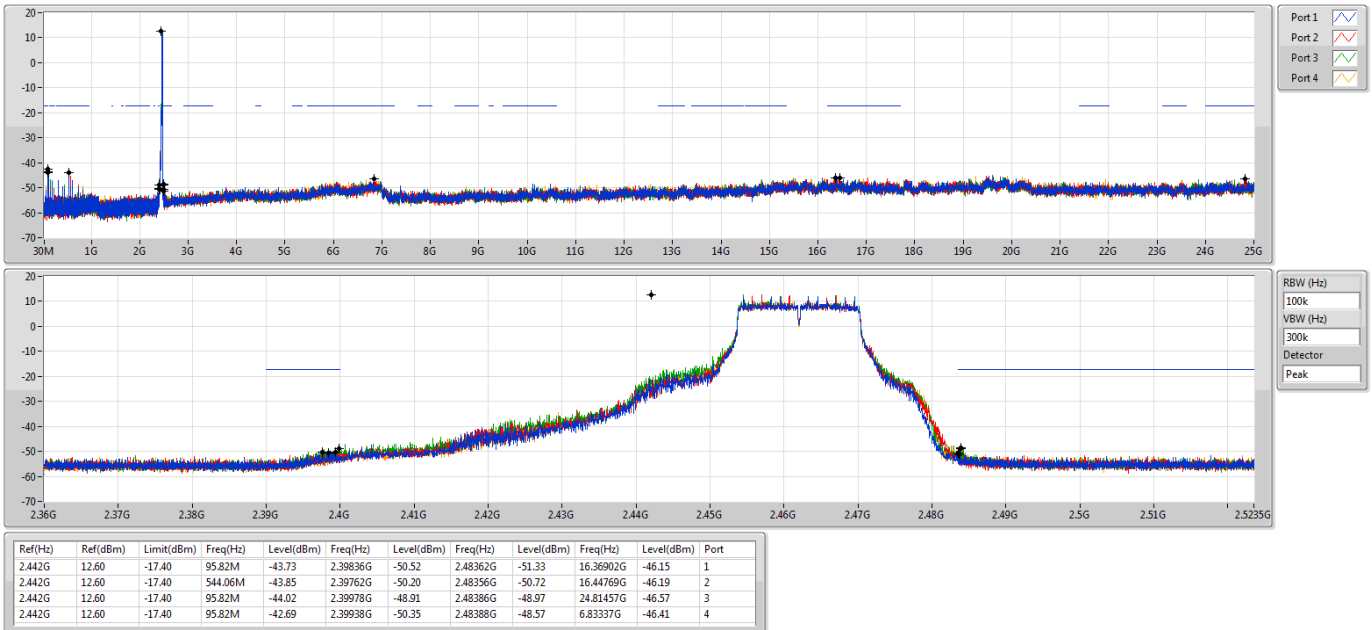


802.11g_Nss1,(6Mbps)_4TX

2462MHz

CSE NdB

03/09/2019

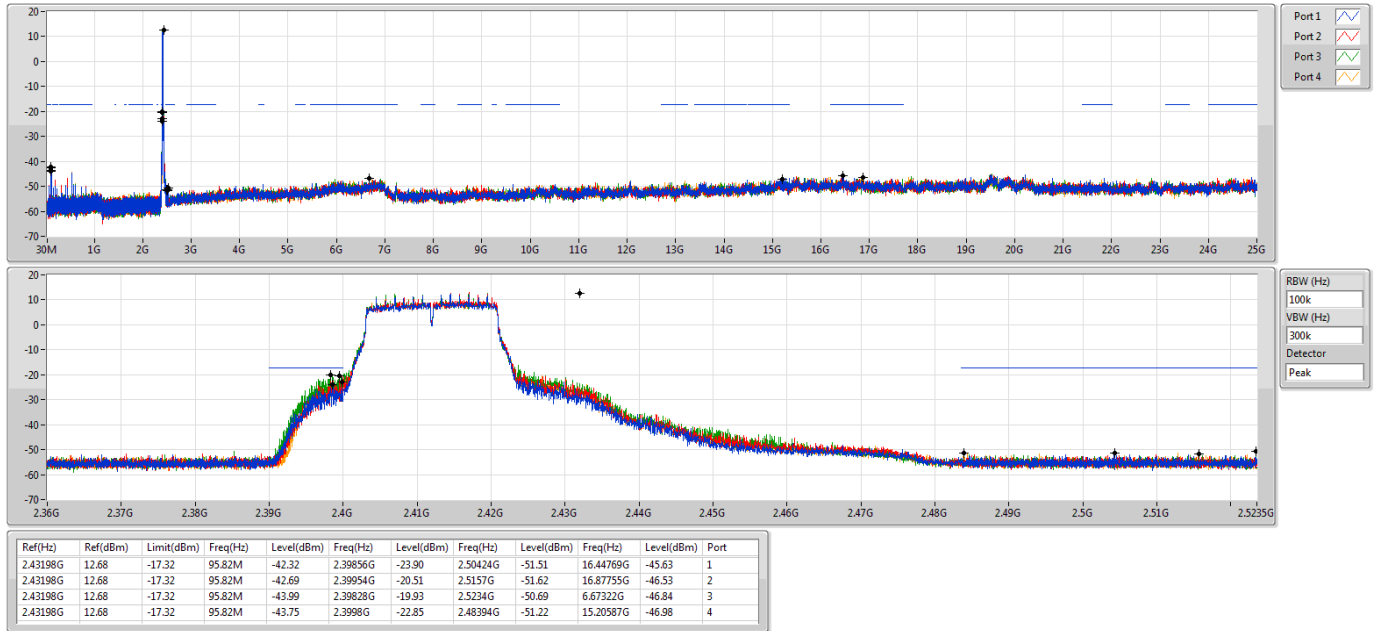


VHT20_Nss1,(MCS0)_4TX

2412MHz

CSE NdB

03/09/2019

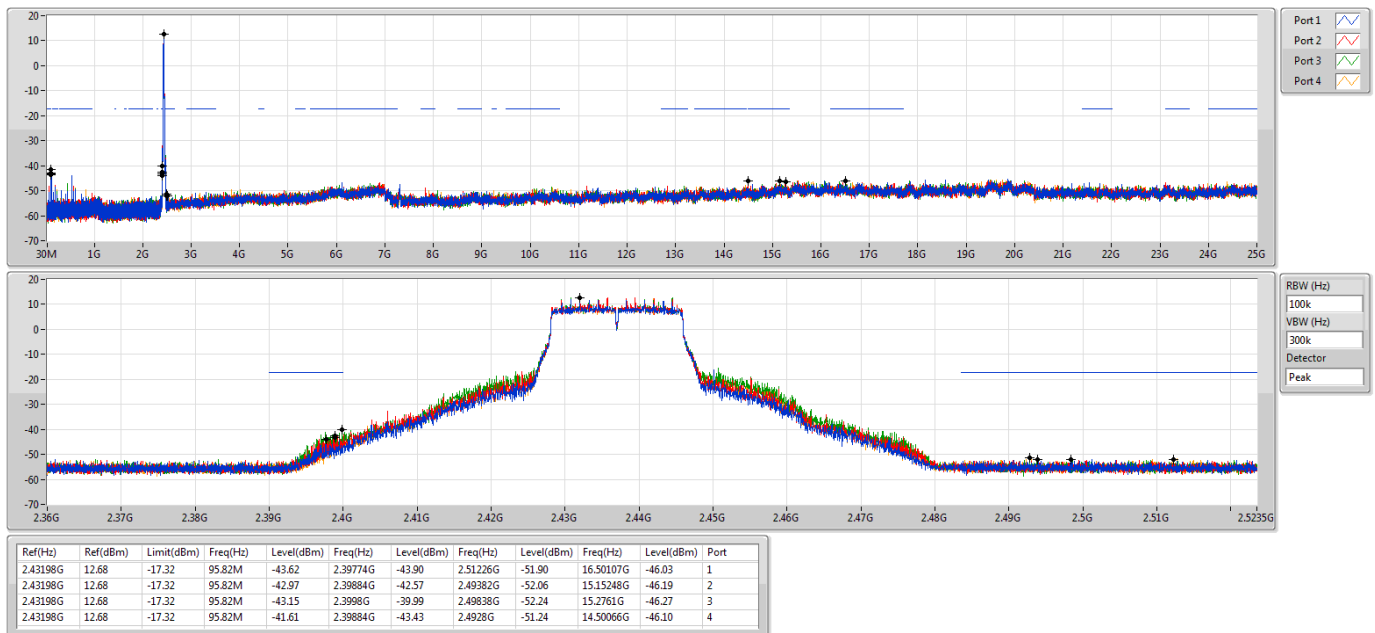


VHT20_Nss1,(MCS0)_4TX

2437MHz

CSE NdB

03/09/2019

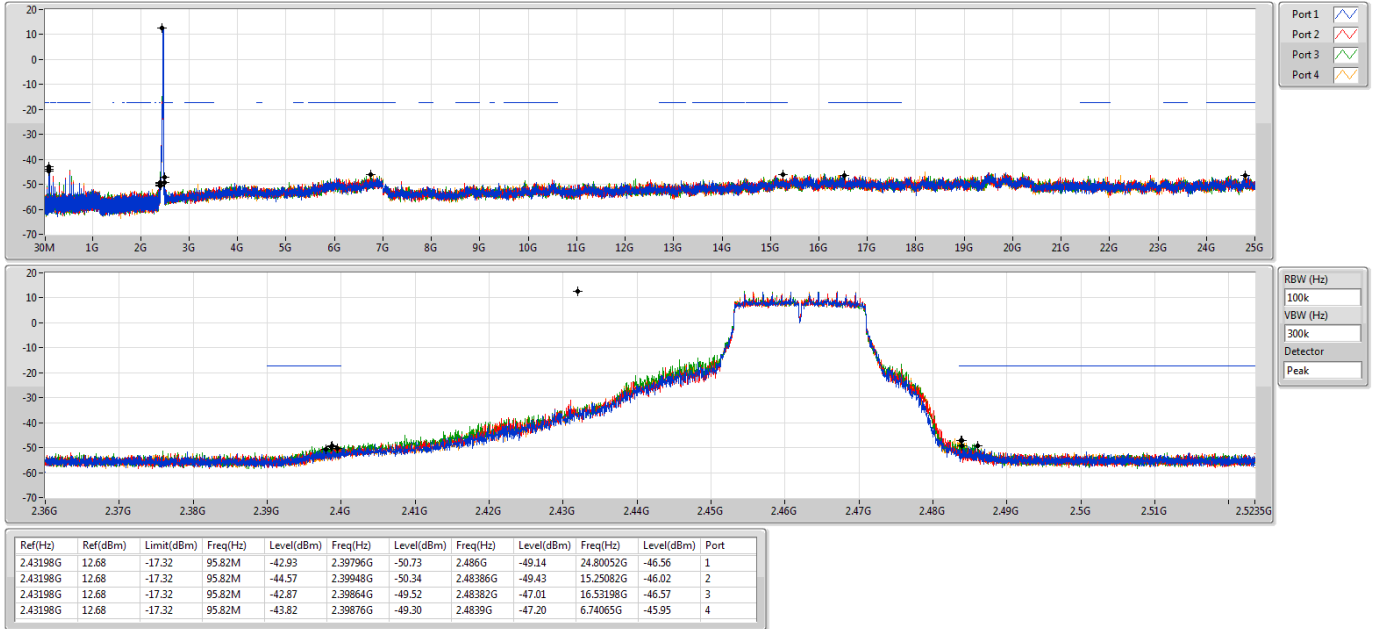


VHT20_Nss1,(MCS0)_4TX

2462MHz

CSE NdB

03/09/2019

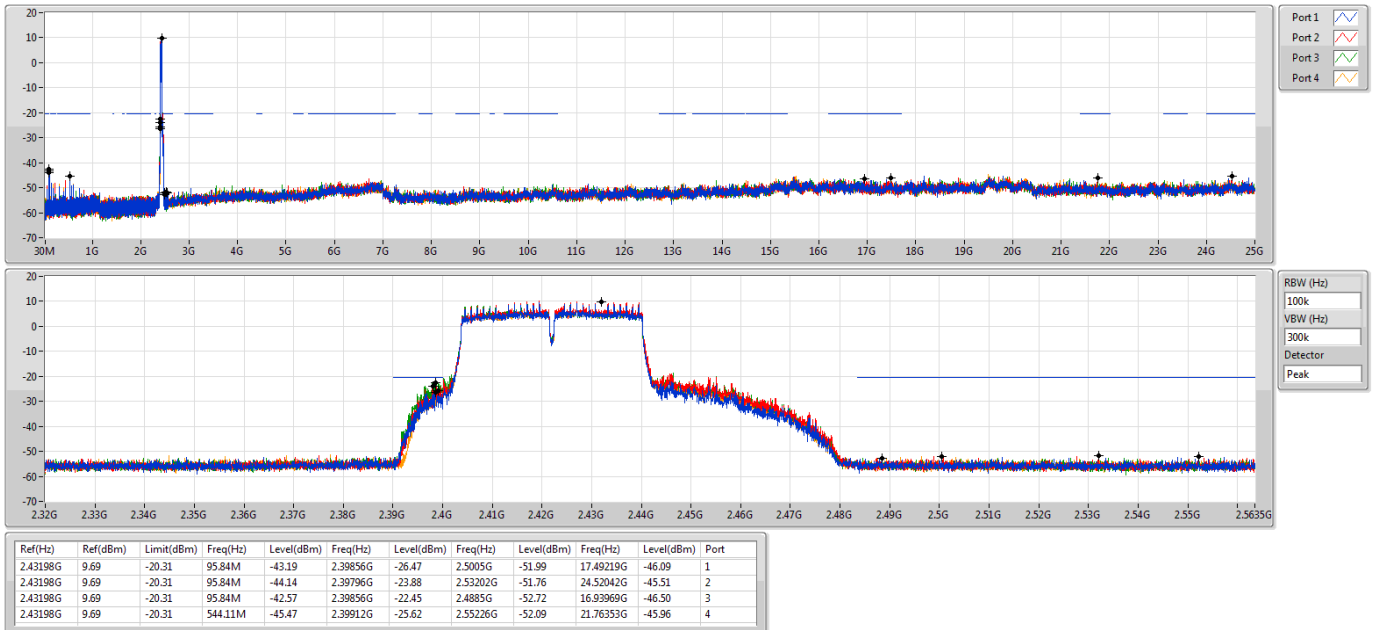


VHT40_Nss1,(MCS0)_4TX

2422MHz

CSE NdB

03/09/2019

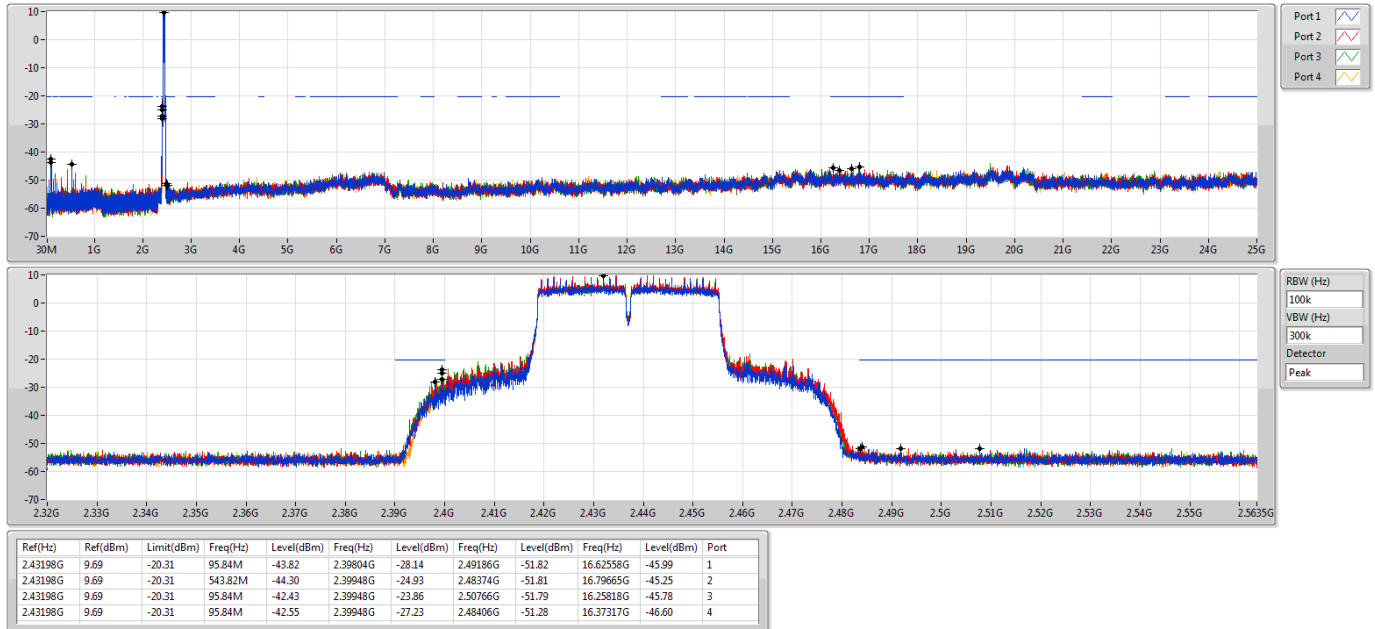


VHT40_Nss1,(MCS0)_4TX

2437MHz

CSE NdB

03/09/2019

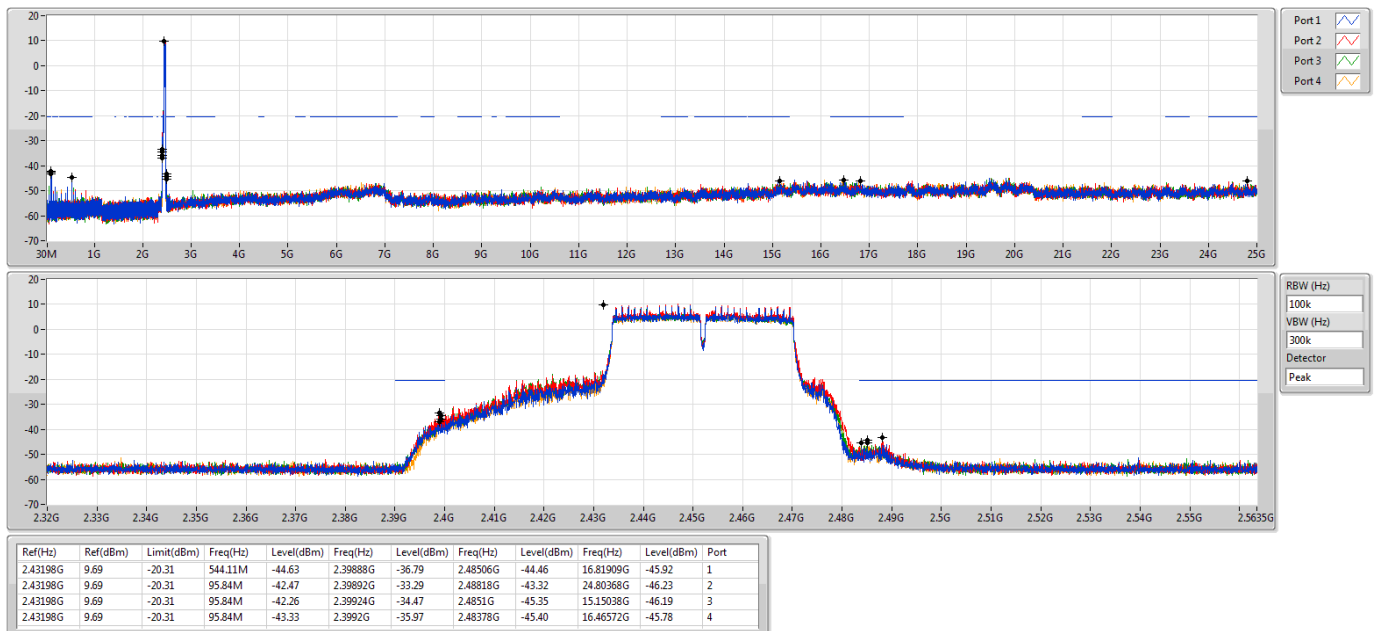


VHT40_Nss1,(MCS0)_4TX

2452MHz

CSE NdB

03/09/2019

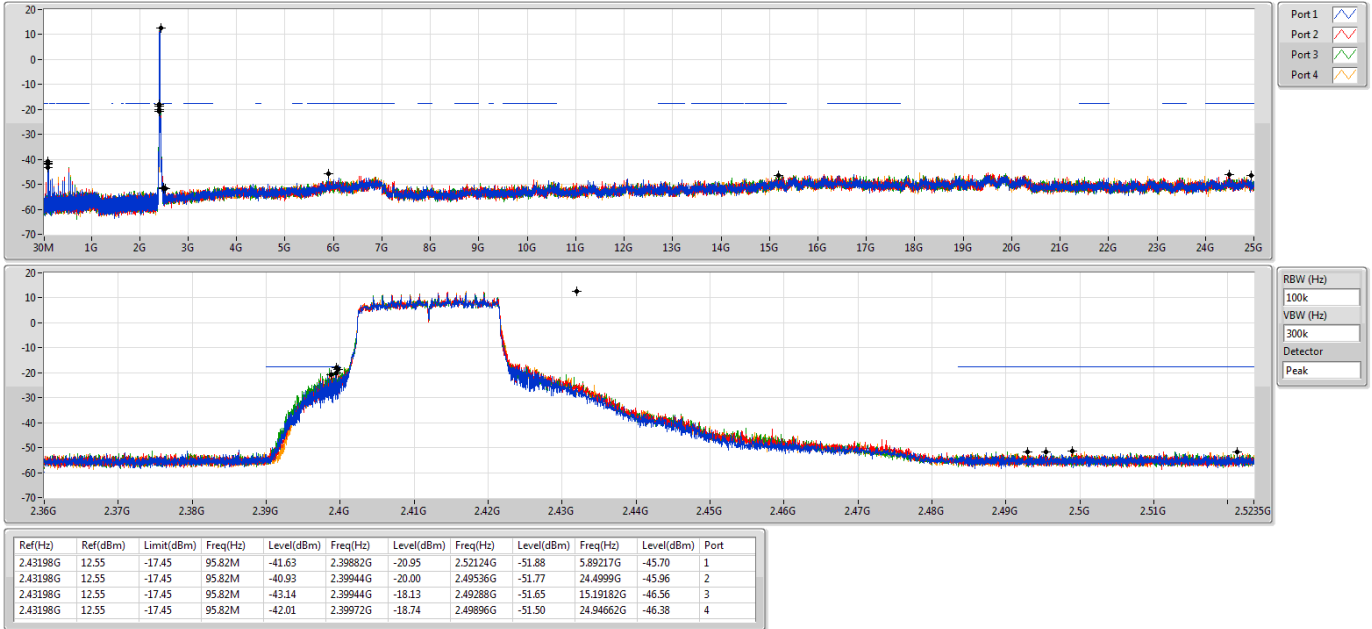


802.11ax HEW20_Nss1,(MCS0)_4TX

CSE NdB

2412MHz

03/09/2019

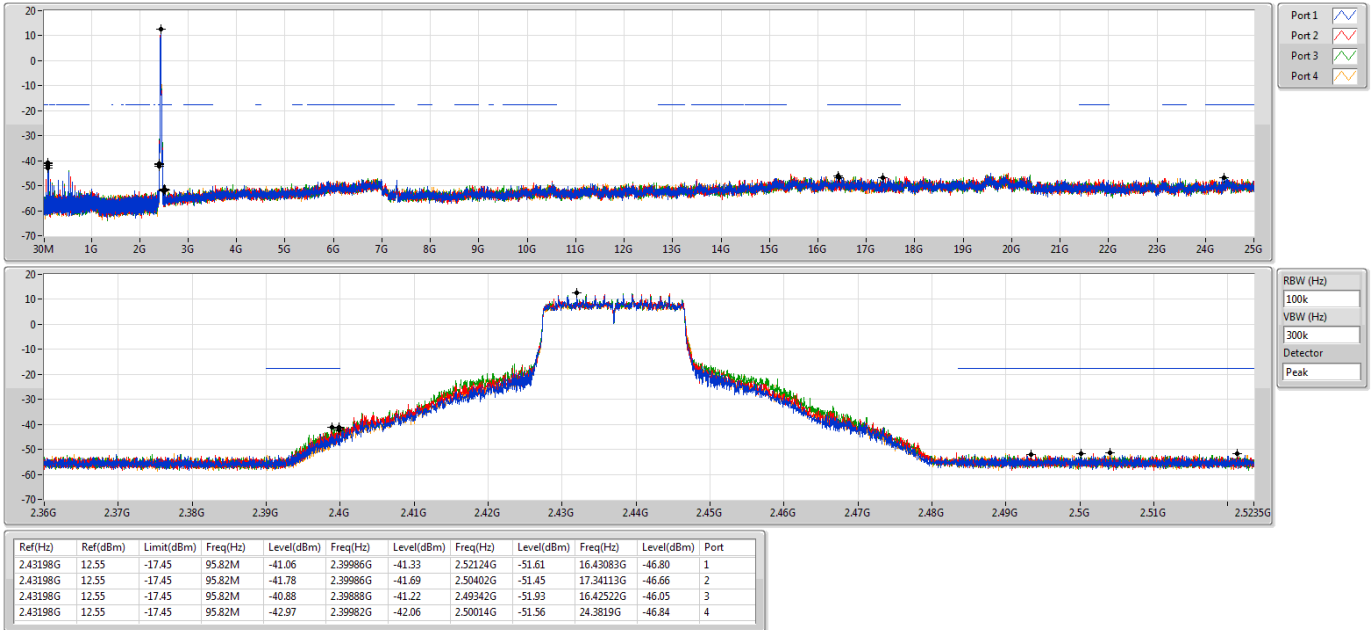


802.11ax HEW20_Nss1,(MCS0)_4TX

CSE NdB

2437MHz

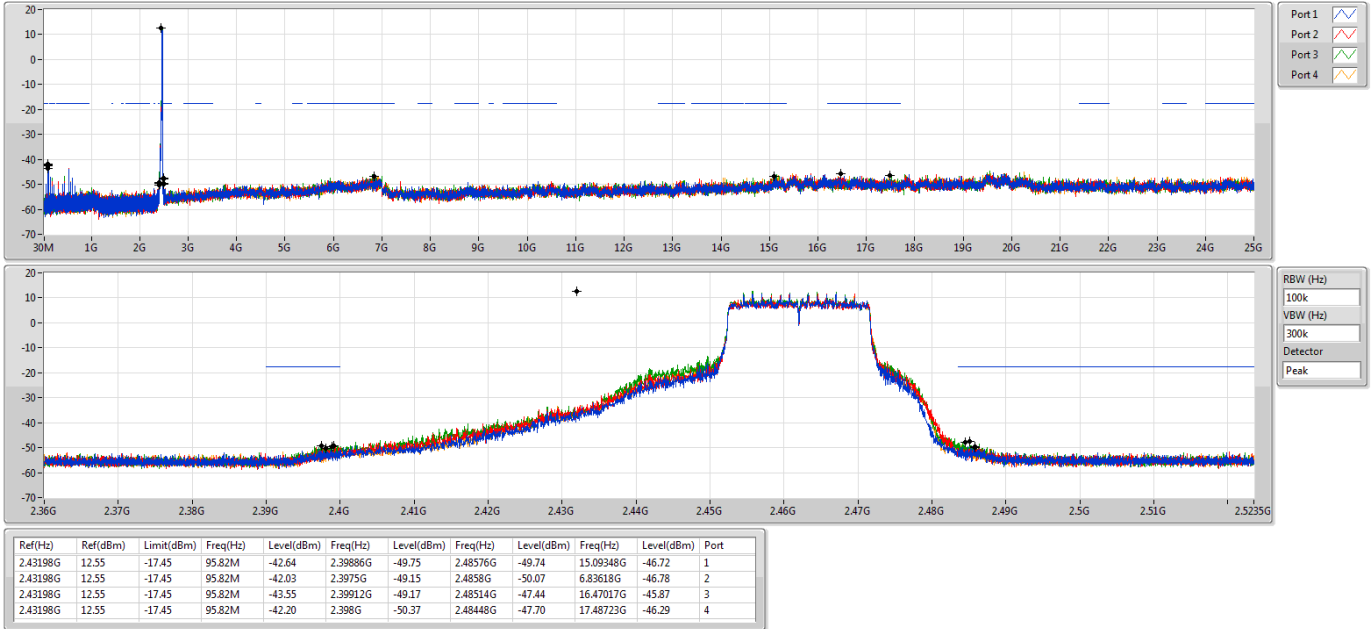
03/09/2019



802.11ax HEW20_Nss1,(MCS0)_4TX

CSE NdB

2462MHz



802.11ax HEW40_Nss1,(MCS0)_4TX

CSE NdB

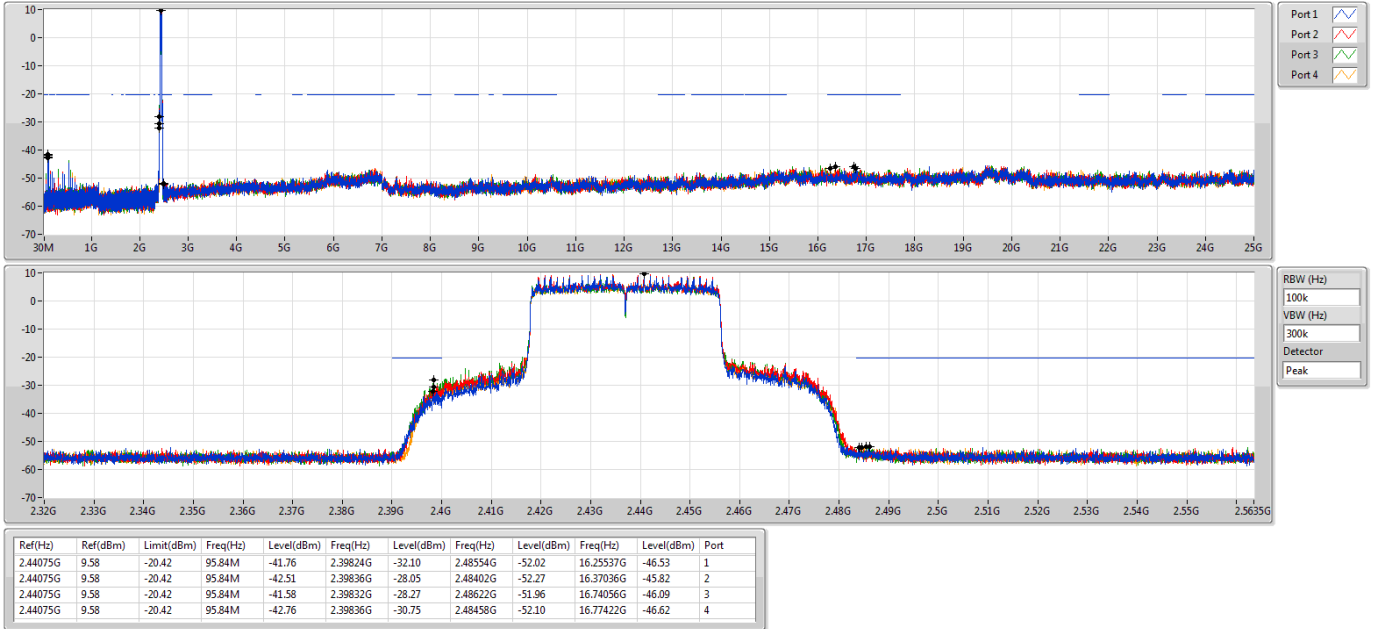
2422MHz



802.11ax HEW40_Nss1,(MCS0)_4TX

CSE NdB

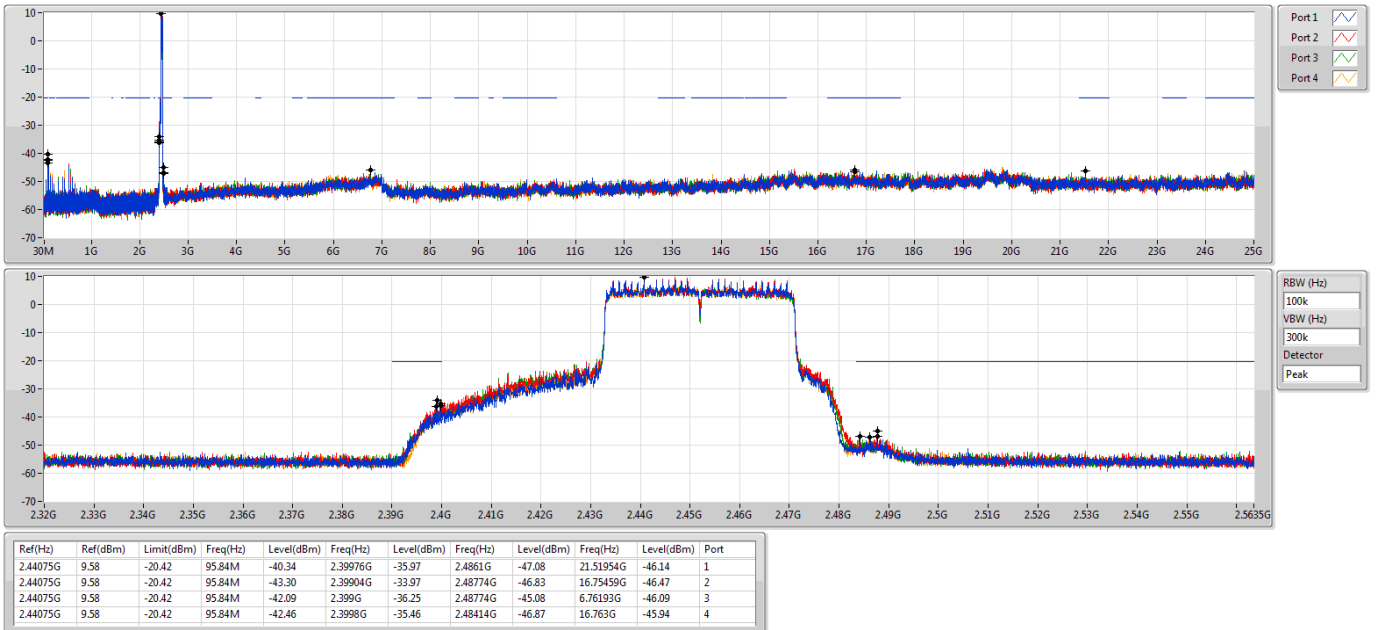
2437MHz



802.11ax HEW40_Nss1,(MCS0)_4TX

CSE NdB

2452MHz



**4T2S
Summary**

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
VHT20_Nss2,(MCS0)_4TX	Pass	2.46701G	12.70	-17.30	159.9M	-41.48	2.3995G	-20.88	2.4898G	-51.25	24.75276G	-46.73	3
VHT40_Nss2,(MCS0)_4TX	Pass	2.44701G	9.82	-20.18	159.96M	-41.48	2.39824G	-23.41	2.52874G	-51.41	15.25975G	-46.49	3
802.11ax HEW20_Nss2,(MCS0)_4TX	Pass	2.41699G	13.33	-16.67	159.9M	-40.23	2.39974G	-17.19	2.5133G	-50.52	16.82417G	-45.75	3
802.11ax HEW40_Nss2,(MCS0)_4TX	Pass	2.43198G	10.25	-19.75	159.96M	-43.07	2.39952G	-20.82	2.48602G	-50.93	16.40121G	-45.99	3

Result

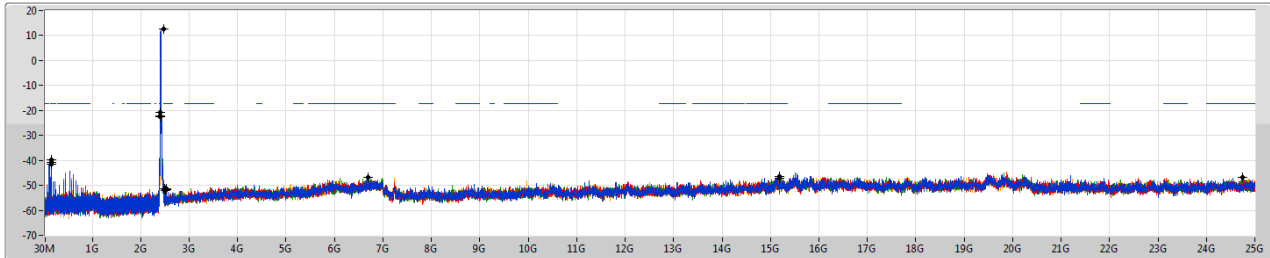
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
VHT20_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.46701G	12.70	-17.30	159.9M	-39.73	2.39984G	-22.09	2.5228G	-51.63	6.69289G	-46.72	1
2412MHz	Pass	2.46701G	12.70	-17.30	159.9M	-40.90	2.3992G	-22.50	2.52214G	-51.23	15.18901G	-46.60	2
2412MHz	Pass	2.46701G	12.70	-17.30	159.9M	-41.48	2.3995G	-20.88	2.4898G	-51.25	24.75276G	-46.73	3
2412MHz	Pass	2.46701G	12.70	-17.30	159.9M	-40.96	2.39888G	-22.28	2.51266G	-51.90	15.18339G	-47.02	4
2462MHz	Pass	2.46701G	12.70	-17.30	159.9M	-39.54	2.3975G	-49.80	2.4855G	-49.84	16.21731G	-46.44	1
2462MHz	Pass	2.46701G	12.70	-17.30	159.9M	-40.15	2.39954G	-50.25	2.48512G	-49.18	16.50107G	-46.49	2
2462MHz	Pass	2.46701G	12.70	-17.30	159.9M	-40.07	2.3985G	-48.37	2.4859G	-49.40	16.31845G	-46.14	3
2462MHz	Pass	2.46701G	12.70	-17.30	159.9M	-39.96	2.39922G	-49.85	2.48402G	-48.05	6.77437G	-46.12	4
VHT40_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.44701G	9.82	-20.18	159.96M	-40.73	2.39988G	-26.22	2.5481G	-50.75	15.15038G	-47.02	1
2422MHz	Pass	2.44701G	9.82	-20.18	159.96M	-41.07	2.39964G	-24.78	2.54462G	-51.06	16.46011G	-45.91	2
2422MHz	Pass	2.44701G	9.82	-20.18	159.96M	-41.48	2.39824G	-23.41	2.52874G	-51.41	15.25975G	-46.49	3
2422MHz	Pass	2.44701G	9.82	-20.18	159.96M	-40.33	2.39992G	-25.86	2.52162G	-52.36	24.43909G	-46.32	4
2437MHz	Pass	2.44701G	9.82	-20.18	159.96M	-41.15	2.3998G	-28.04	2.49754G	-52.00	6.53476G	-46.22	1
2437MHz	Pass	2.44701G	9.82	-20.18	159.96M	-39.60	2.3998G	-26.90	2.48934G	-51.62	24.53725G	-46.35	2
2437MHz	Pass	2.44701G	9.82	-20.18	159.96M	-39.60	2.39976G	-25.63	2.54942G	-52.20	16.59473G	-46.32	3
2437MHz	Pass	2.44701G	9.82	-20.18	159.96M	-41.64	2.3998G	-27.04	2.48566G	-51.37	17.67448G	-46.36	4
2452MHz	Pass	2.44701G	9.82	-20.18	159.96M	-40.44	2.39916G	-35.14	2.48574G	-45.55	24.70552G	-46.15	1
2452MHz	Pass	2.44701G	9.82	-20.18	95.84M	-40.27	2.39916G	-35.28	2.48662G	-44.72	24.41665G	-46.10	2
2452MHz	Pass	2.44701G	9.82	-20.18	159.96M	-40.52	2.39676G	-35.20	2.48658G	-45.20	16.52181G	-46.52	3
2452MHz	Pass	2.44701G	9.82	-20.18	95.84M	-39.99	2.39984G	-37.10	2.48578G	-45.85	6.91618G	-45.62	4
802.11ax HEW20_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41699G	13.33	-16.67	159.9M	-40.96	2.39904G	-20.81	2.5119G	-51.47	24.80052G	-46.70	1
2412MHz	Pass	2.41699G	13.33	-16.67	159.9M	-40.80	2.39902G	-19.30	2.48444G	-51.60	5.90621G	-46.89	2
2412MHz	Pass	2.41699G	13.33	-16.67	159.9M	-40.23	2.39974G	-17.19	2.5133G	-50.52	16.82417G	-45.75	3
2412MHz	Pass	2.41699G	13.33	-16.67	159.9M	-40.62	2.399G	-18.92	2.4935G	-51.92	6.76313G	-46.56	4
2462MHz	Pass	2.41699G	13.33	-16.67	159.9M	-41.17	2.39946G	-50.17	2.48556G	-47.67	17.45352G	-46.93	1
2462MHz	Pass	2.41699G	13.33	-16.67	95.82M	-40.63	2.39996G	-50.90	2.48514G	-47.80	15.2452G	-46.14	2
2462MHz	Pass	2.41699G	13.33	-16.67	159.9M	-40.72	2.39998G	-47.68	2.48526G	-47.38	5.20944G	-33.16	3
2462MHz	Pass	2.41699G	13.33	-16.67	159.9M	-41.39	2.3995G	-49.93	2.48396G	-46.95	17.5378G	-45.94	4
802.11ax HEW40_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43198G	10.25	-19.75	95.84M	-42.49	2.39952G	-25.10	2.50018G	-52.41	16.42084G	-45.88	1
2422MHz	Pass	2.43198G	10.25	-19.75	159.96M	-43.37	2.39952G	-23.01	2.53414G	-52.38	15.1672G	-45.78	2
2422MHz	Pass	2.43198G	10.25	-19.75	159.96M	-43.07	2.39952G	-20.82	2.48602G	-50.93	16.40121G	-45.99	3
2422MHz	Pass	2.43198G	10.25	-19.75	95.84M	-41.88	2.39952G	-24.15	2.4899G	-52.54	16.76861G	-45.29	4
2437MHz	Pass	2.43198G	10.25	-19.75	159.96M	-43.71	2.3998G	-24.69	2.48682G	-50.68	16.3311G	-45.61	1
2437MHz	Pass	2.43198G	10.25	-19.75	159.96M	-43.59	2.39976G	-23.37	2.48666G	-52.22	17.48938G	-46.62	2
2437MHz	Pass	2.43198G	10.25	-19.75	159.96M	-43.55	2.3998G	-20.97	2.48386G	-50.87	16.53303G	-45.78	3
2437MHz	Pass	2.43198G	10.25	-19.75	159.96M	-43.52	2.39976G	-23.90	2.48766G	-51.21	15.12794G	-45.84	4
2452MHz	Pass	2.43198G	10.25	-19.75	95.84M	-43.07	2.39828G	-34.35	2.48698G	-42.49	16.87799G	-46.24	1
2452MHz	Pass	2.43198G	10.25	-19.75	159.96M	-42.54	2.3998G	-32.76	2.48698G	-40.11	6.71145G	-47.09	2
2452MHz	Pass	2.43198G	10.25	-19.75	159.96M	-42.85	2.3998G	-32.85	2.48694G	-41.02	15.01295G	-46.35	3
2452MHz	Pass	2.43198G	10.25	-19.75	159.96M	-43.73	2.3998G	-34.82	2.48694G	-41.78	16.5162G	-46.08	4

VHT20_Nss2,(MCS0)_4TX

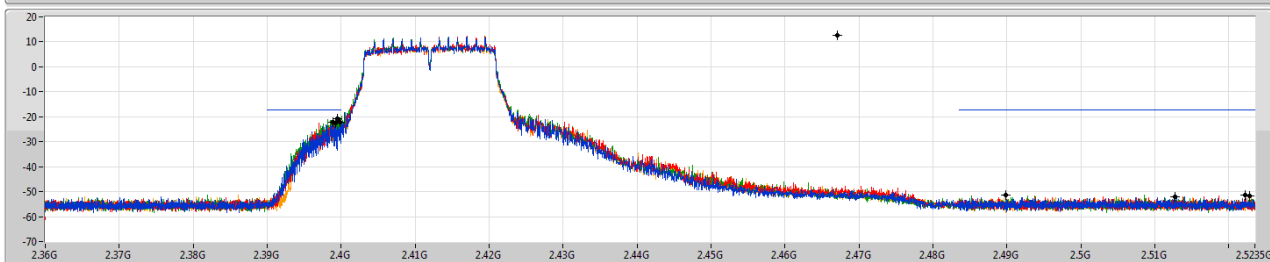
CSE NdB

2412MHz

04/09/2019



Port 1
Port 2
Port 3
Port 4



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

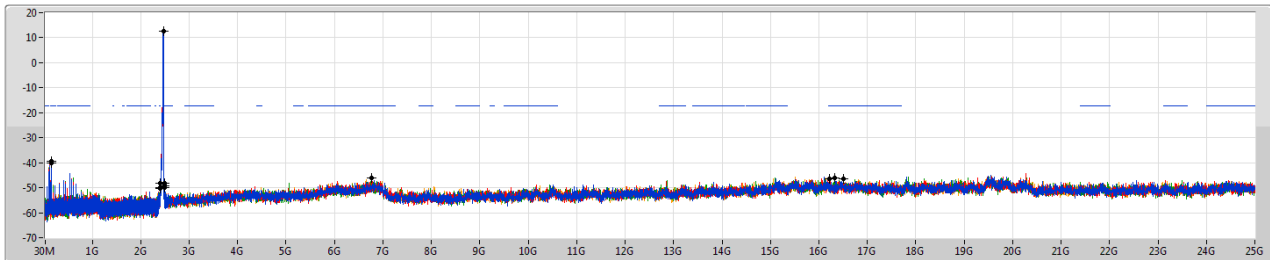
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.46701G	12.70	-17.30	159.9M	-39.73	2.39984G	-22.09	2.5228G	-51.63	6.69289G	-46.72	1
2.46701G	12.70	-17.30	159.9M	-40.90	2.3992G	-22.50	2.52214G	-51.23	15.18901G	-46.60	2
2.46701G	12.70	-17.30	159.9M	-41.48	2.3995G	-20.88	2.4898G	-51.25	24.75276G	-46.73	3
2.46701G	12.70	-17.30	159.9M	-40.96	2.39888G	-22.28	2.51266G	-51.90	15.18339G	-47.02	4

VHT20_Nss2,(MCS0)_4TX

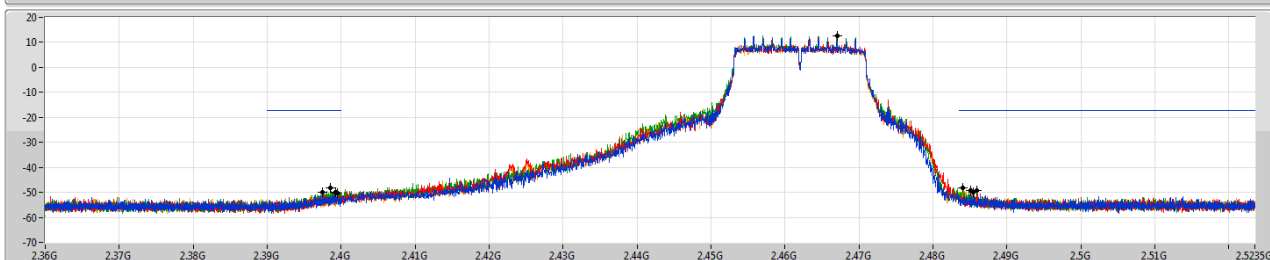
CSE NdB

2462MHz

04/09/2019



Port 1
Port 2
Port 3
Port 4



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

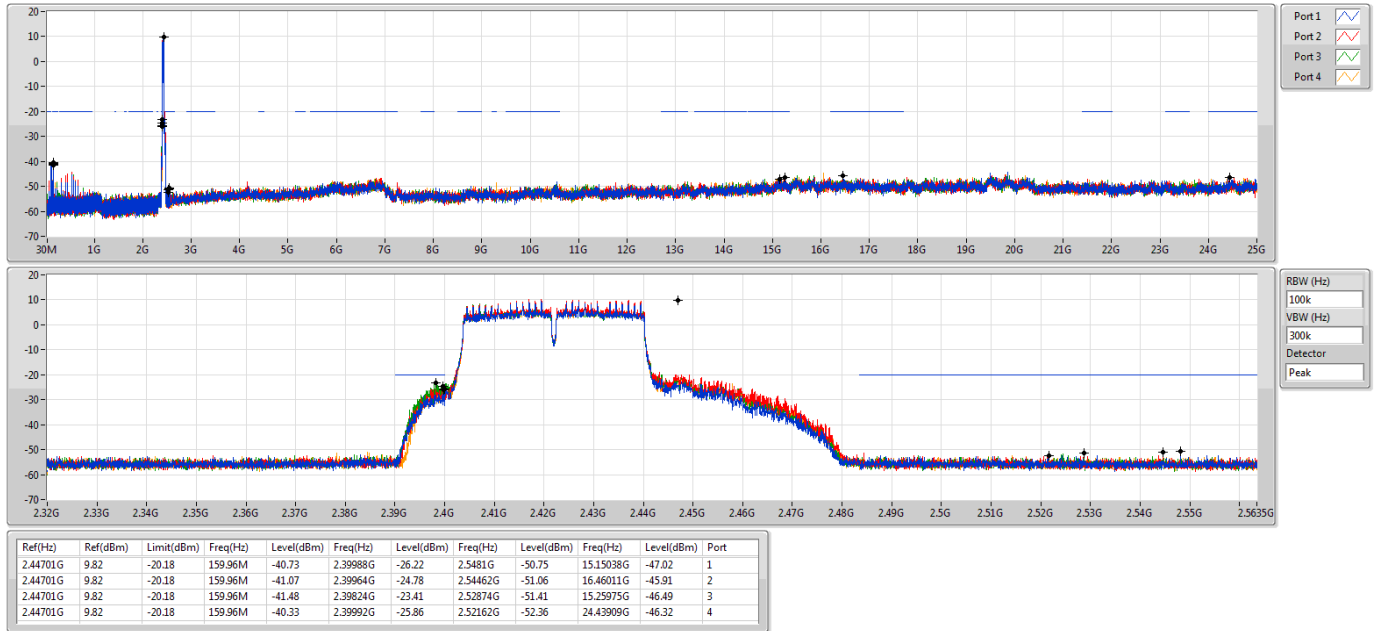
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.46701G	12.70	-17.30	159.9M	-39.54	2.3975G	-49.80	2.4855G	-49.84	16.21731G	-46.44	1
2.46701G	12.70	-17.30	159.9M	-40.15	2.39954G	-50.25	2.48512G	-49.18	16.50107G	-46.49	2
2.46701G	12.70	-17.30	159.9M	-40.07	2.3985G	-48.37	2.4859G	-49.40	16.31845G	-46.14	3
2.46701G	12.70	-17.30	159.9M	-39.96	2.39922G	-49.85	2.48402G	-48.05	6.77437G	-46.12	4

VHT40_Nss2,(MCS0)_4TX

2422MHz

CSE NdB

04/09/2019

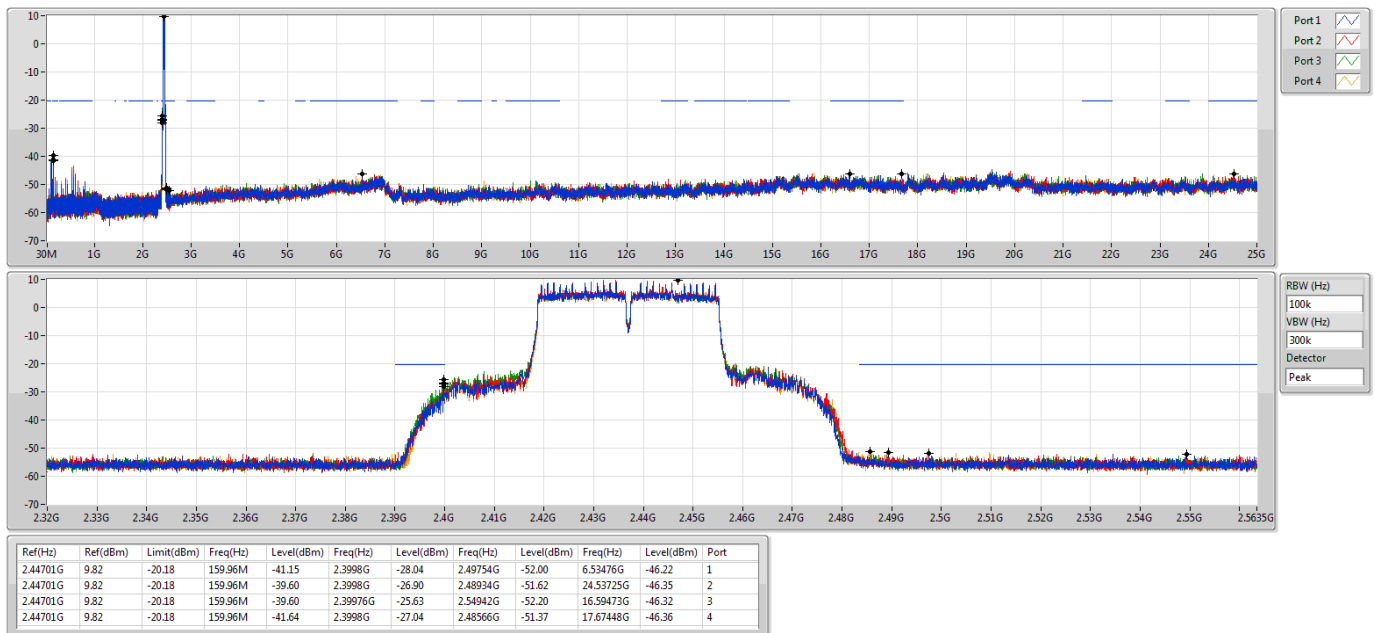


VHT40_Nss2,(MCS0)_4TX

2437MHz

CSE NdB

04/09/2019

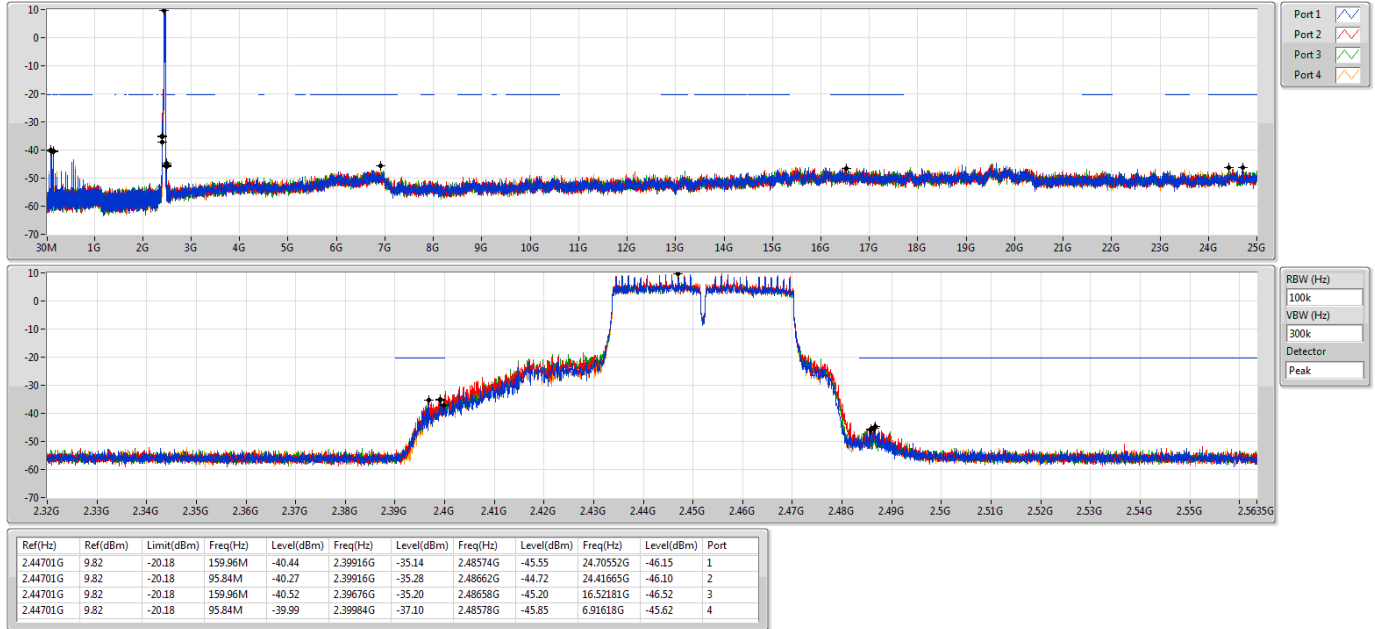


VHT40_Nss2,(MCS0)_4TX

2452MHz

CSE NdB

04/09/2019

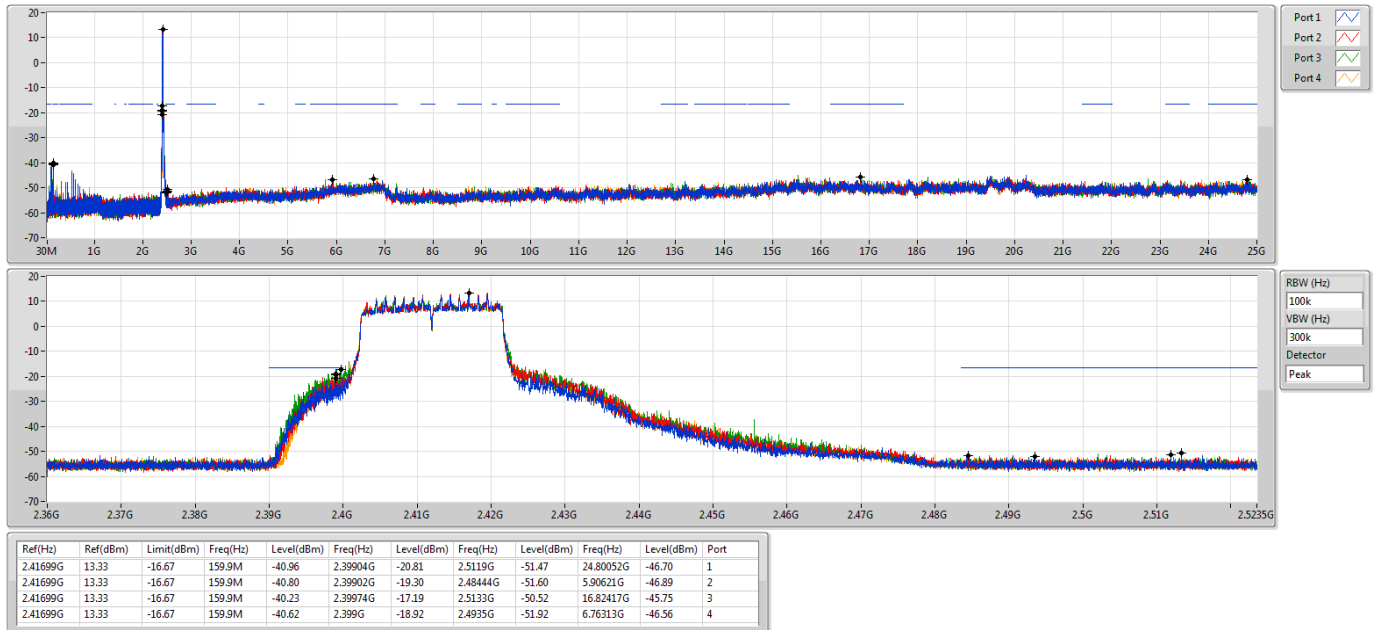


802.11ax HEW20_Nss2,(MCS0)_4TX

2412MHz

CSE NdB

04/09/2019

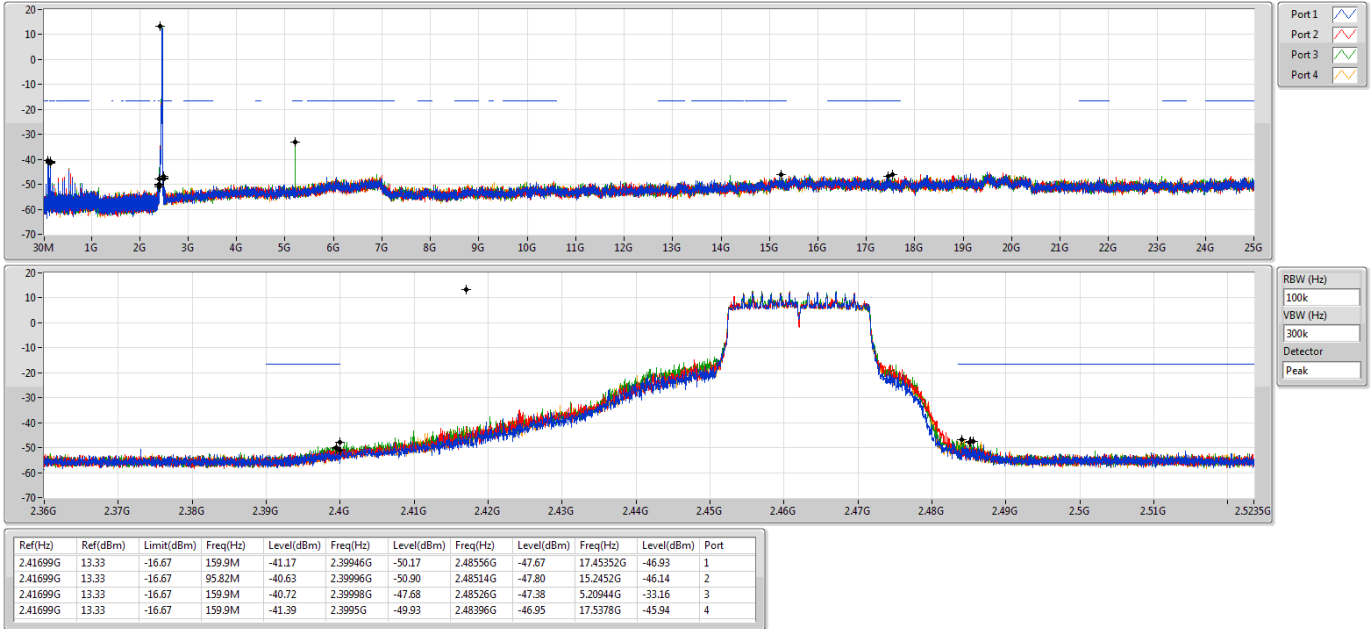


802.11ax HEW20_Nss2,(MCS0)_4TX

2462MHz

CSE NdB

04/09/2019

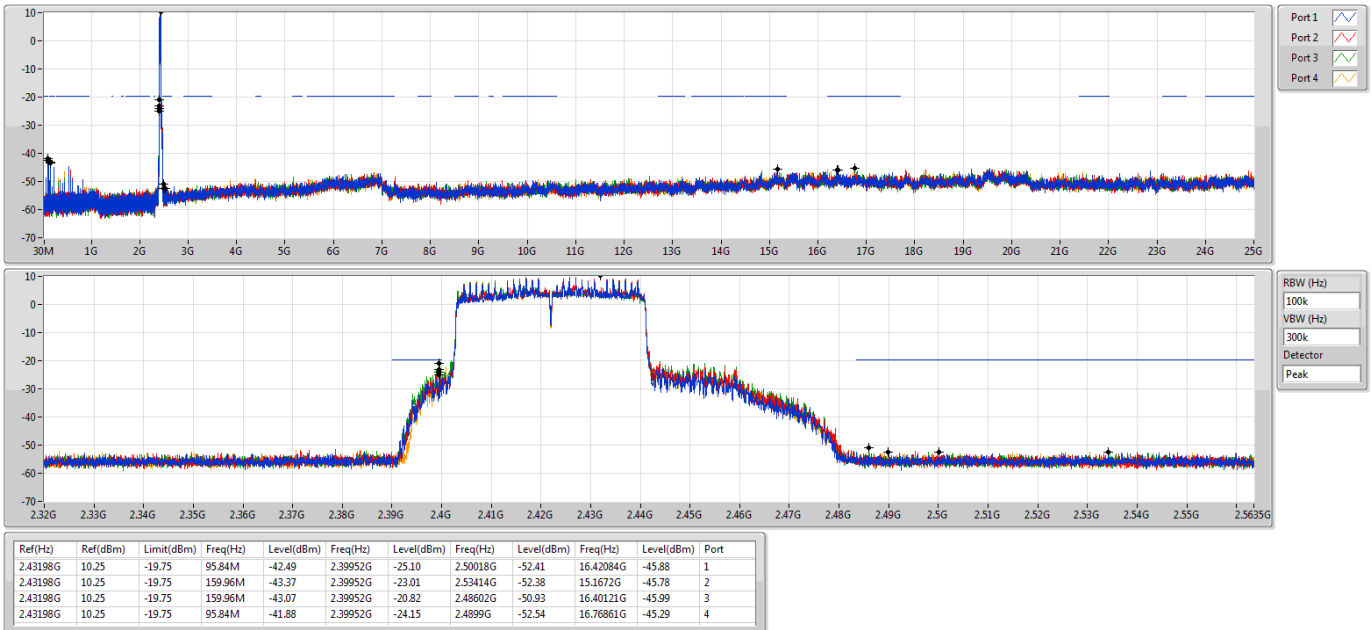


802.11ax HEW40_Nss2,(MCS0)_4TX

2422MHz

CSE NdB

04/09/2019

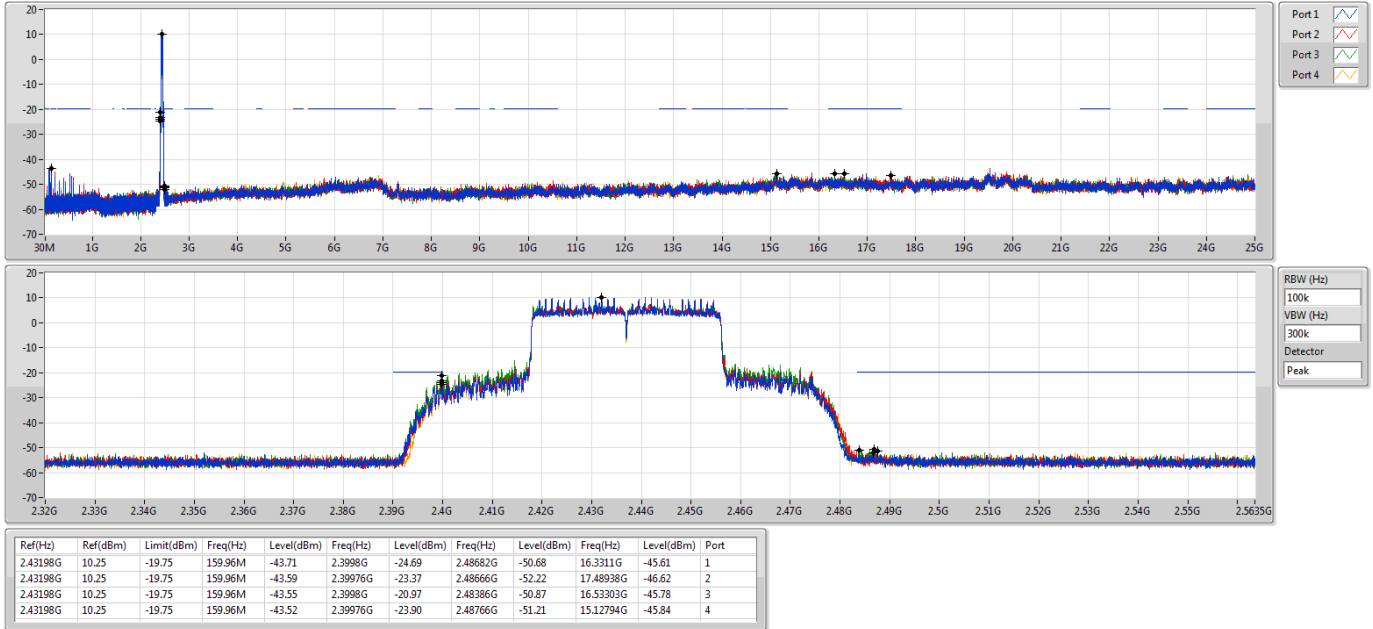


802.11ax HEW40_Nss2,(MCS0)_4TX

CSE NdB

2437MHz

04/09/2019

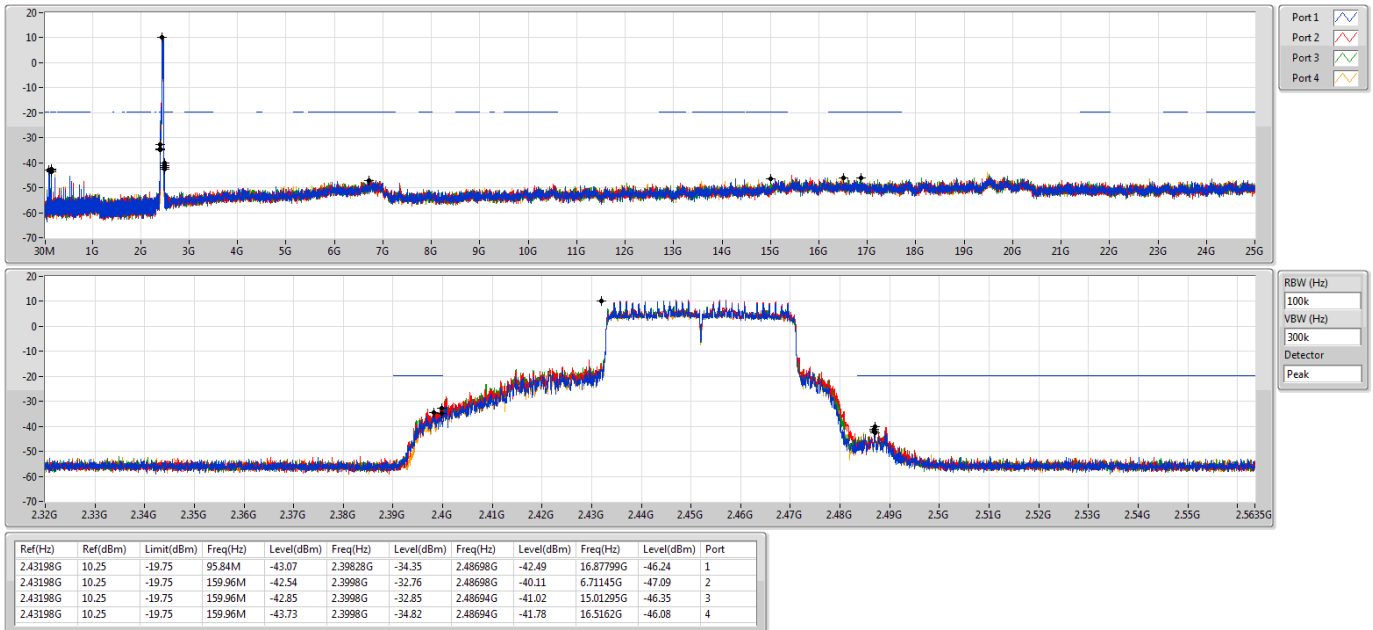


802.11ax HEW40_Nss2,(MCS0)_4TX

CSE NdB

2452MHz

04/09/2019



**4T3S
Summary**

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
VHT20_Nss3,(MCS0)_4TX	Pass	2.45699G	14.19	-15.81	95.82M	-42.97	2.3998G	-20.28	2.48512G	-51.77	16.80451G	-46.35	3
VHT40_Nss3,(MCS0)_4TX	Pass	2.44196G	11.23	-18.77	159.96M	-43.64	2.39764G	-20.53	2.5215G	-52.66	24.06608G	-45.98	3
802.11ax HEW20_Nss3,(MCS0)_4TX	Pass	2.45707G	13.53	-16.47	95.82M	-42.51	2.3997G	-17.53	2.49412G	-50.86	16.6275G	-46.09	3
802.11ax HEW40_Nss3,(MCS0)_4TX	Pass	2.42447G	9.49	-20.51	159.96M	-44.19	2.39824G	-21.19	2.48546G	-51.97	16.23574G	-46.26	3

Result

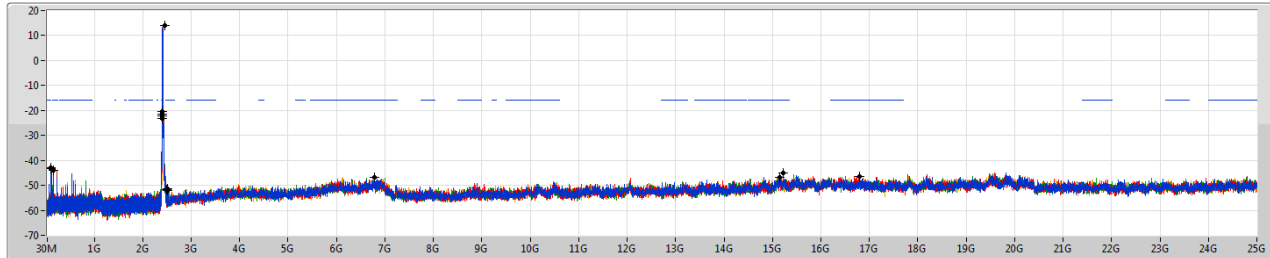
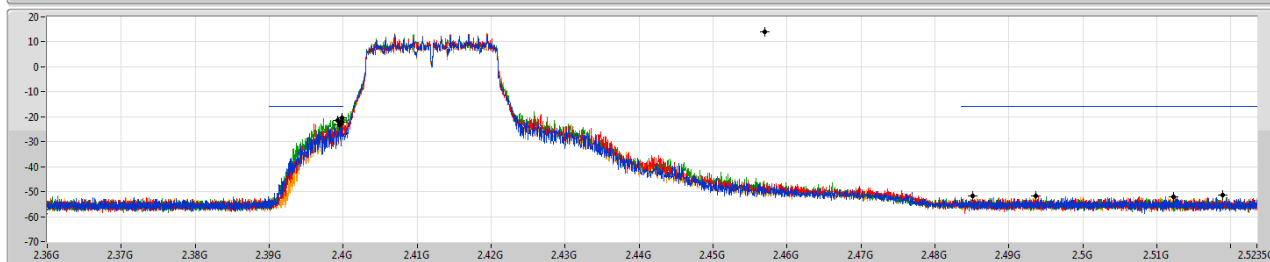
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
VHT20_Nss3,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.45699G	14.19	-15.81	159.9M	-43.95	2.39952G	-23.30	2.49366G	-51.64	15.1581G	-46.75	1
2412MHz	Pass	2.45699G	14.19	-15.81	95.82M	-43.17	2.39982G	-22.05	2.51886G	-51.35	15.21429G	-45.21	2
2412MHz	Pass	2.45699G	14.19	-15.81	95.82M	-42.97	2.3998G	-20.28	2.48512G	-51.77	16.80451G	-46.35	3
2412MHz	Pass	2.45699G	14.19	-15.81	95.82M	-42.83	2.39922G	-21.34	2.51226G	-51.92	6.77718G	-46.88	4
2462MHz	Pass	2.45699G	14.19	-15.81	95.82M	-42.75	2.39946G	-50.71	2.48356G	-50.09	6.9317G	-46.68	1
2462MHz	Pass	2.45699G	14.19	-15.81	95.82M	-43.15	2.3997G	-50.05	2.48672G	-48.90	24.764G	-46.53	2
2462MHz	Pass	2.45699G	14.19	-15.81	159.9M	-44.76	2.39908G	-47.96	2.48356G	-48.30	17.06299G	-46.66	3
2462MHz	Pass	2.45699G	14.19	-15.81	95.82M	-43.76	2.397G	-50.20	2.48354G	-48.81	24.48304G	-47.09	4
VHT40_Nss3,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.44196G	11.23	-18.77	95.84M	-42.66	2.39764G	-24.64	2.49398G	-52.19	17.2538G	-46.41	1
2422MHz	Pass	2.44196G	11.23	-18.77	95.84M	-42.95	2.39924G	-21.52	2.52502G	-52.63	16.79665G	-46.83	2
2422MHz	Pass	2.44196G	11.23	-18.77	159.96M	-43.64	2.39764G	-20.53	2.5215G	-52.66	24.06608G	-45.98	3
2422MHz	Pass	2.44196G	11.23	-18.77	159.96M	-44.44	2.39764G	-22.19	2.48486G	-51.11	24.80649G	-45.79	4
2437MHz	Pass	2.44196G	11.23	-18.77	95.84M	-43.26	2.39984G	-28.08	2.51202G	-52.28	17.5006G	-45.39	1
2437MHz	Pass	2.44196G	11.23	-18.77	95.84M	-42.12	2.3998G	-26.31	2.48414G	-51.36	16.80787G	-46.40	2
2437MHz	Pass	2.44196G	11.23	-18.77	95.84M	-43.13	2.3998G	-24.94	2.48578G	-51.47	5.73546G	-29.96	3
2437MHz	Pass	2.44196G	11.23	-18.77	95.84M	-42.71	2.39984G	-26.84	2.48546G	-51.22	16.54985G	-45.98	4
2452MHz	Pass	2.44196G	11.23	-18.77	95.84M	-43.79	2.39988G	-35.87	2.4875G	-46.65	16.84994G	-46.17	1
2452MHz	Pass	2.44196G	11.23	-18.77	95.84M	-43.78	2.39952G	-32.10	2.4873G	-44.71	16.40121G	-46.02	2
2452MHz	Pass	2.44196G	11.23	-18.77	95.84M	-42.91	2.39956G	-33.18	2.4857G	-45.14	16.38158G	-46.67	3
2452MHz	Pass	2.44196G	11.23	-18.77	159.96M	-42.93	2.39852G	-36.99	2.4857G	-46.00	24.98317G	-46.23	4
802.11ax HEW20_Nss3,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.45707G	13.53	-16.47	95.82M	-42.71	2.39878G	-21.68	2.48356G	-51.65	16.4196G	-46.64	1
2412MHz	Pass	2.45707G	13.53	-16.47	95.82M	-41.93	2.39948G	-23.35	2.5229G	-50.96	16.44207G	-46.50	2
2412MHz	Pass	2.45707G	13.53	-16.47	95.82M	-42.51	2.3997G	-17.53	2.49412G	-50.86	16.6275G	-46.09	3
2412MHz	Pass	2.45707G	13.53	-16.47	95.82M	-43.69	2.39878G	-20.87	2.50142G	-51.72	16.53198G	-46.57	4
2462MHz	Pass	2.45707G	13.53	-16.47	95.82M	-42.06	2.3979G	-50.10	2.48482G	-46.18	16.75112G	-46.12	1
2462MHz	Pass	2.45707G	13.53	-16.47	96.11M	-44.37	2.39836G	-50.70	2.48484G	-48.96	16.82136G	-45.68	2
2462MHz	Pass	2.45707G	13.53	-16.47	95.82M	-43.32	2.39866G	-49.17	2.48398G	-47.21	16.41398G	-46.29	3
2462MHz	Pass	2.45707G	13.53	-16.47	95.82M	-42.96	2.39914G	-50.49	2.48364G	-48.06	16.41117G	-45.95	4
802.11ax HEW40_Nss3,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.42447G	9.49	-20.51	95.84M	-43.95	2.39728G	-25.67	2.55198G	-51.89	16.50218G	-46.21	1
2422MHz	Pass	2.42447G	9.49	-20.51	95.84M	-43.82	2.39828G	-23.91	2.5065G	-51.66	16.8247G	-46.56	2
2422MHz	Pass	2.42447G	9.49	-20.51	159.96M	-44.19	2.39824G	-21.19	2.48546G	-51.97	16.23574G	-46.26	3
2422MHz	Pass	2.42447G	9.49	-20.51	95.84M	-43.20	2.39728G	-25.66	2.5013G	-52.43	16.74898G	-46.47	4
2437MHz	Pass	2.42447G	9.49	-20.51	95.84M	-41.96	2.39952G	-26.56	2.48566G	-51.89	16.93127G	-44.80	1
2437MHz	Pass	2.42447G	9.49	-20.51	95.84M	-41.91	2.39952G	-23.40	2.48674G	-52.14	16.99578G	-46.33	2
2437MHz	Pass	2.42447G	9.49	-20.51	95.84M	-42.57	2.39952G	-22.17	2.49698G	-52.12	16.36195G	-46.67	3
2437MHz	Pass	2.42447G	9.49	-20.51	95.84M	-43.79	2.39952G	-25.12	2.49078G	-52.09	16.79946G	-46.34	4
2452MHz	Pass	2.42447G	9.49	-20.51	159.96M	-43.79	2.39956G	-33.28	2.48574G	-46.65	16.43206G	-46.65	1
2452MHz	Pass	2.42447G	9.49	-20.51	95.84M	-42.21	2.39948G	-31.12	2.48574G	-45.25	5.74688G	-28.53	2
2452MHz	Pass	2.42447G	9.49	-20.51	223.79M	-44.17	2.39952G	-31.87	2.48574G	-43.82	14.83066G	-46.13	3
2452MHz	Pass	2.42447G	9.49	-20.51	95.84M	-43.62	2.39952G	-34.63	2.48574G	-45.75	6.09164G	-46.91	4

VHT20_Nss3,(MCS0)_4TX

CSE NdB

2412MHz

05/09/2019

Port 1
Port 2
Port 3
Port 4RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

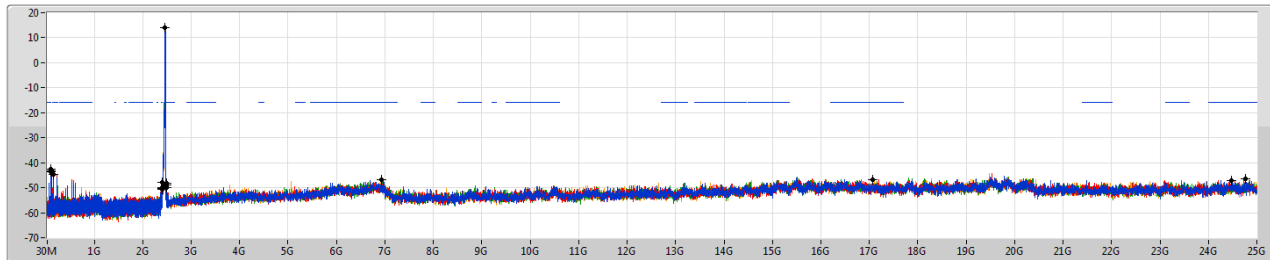
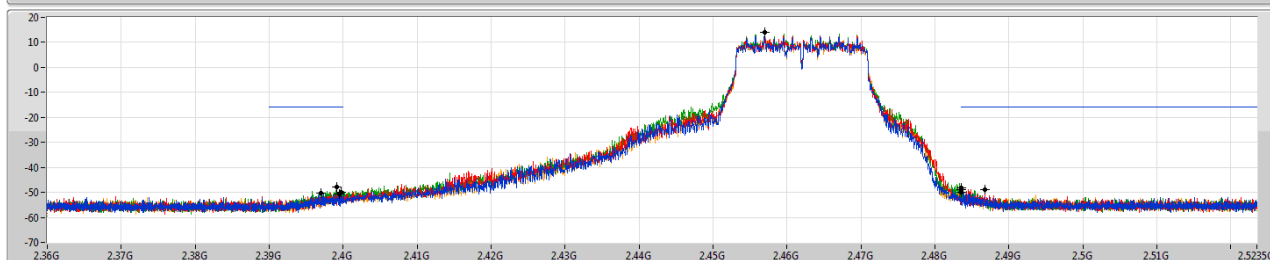
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.45699G	14.19	-15.81	159.9M	-43.95	2.39952G	-23.30	2.49366G	-51.64	15.1581G	-46.75	1
2.45699G	14.19	-15.81	95.82M	-43.17	2.39982G	-22.05	2.51886G	-51.35	15.21429G	-45.21	2
2.45699G	14.19	-15.81	95.82M	-42.97	2.3998G	-20.28	2.48512G	-51.77	16.80451G	-46.35	3
2.45699G	14.19	-15.81	95.82M	-42.83	2.39922G	-21.34	2.51226G	-51.92	6.77718G	-46.88	4

VHT20_Nss3,(MCS0)_4TX

CSE NdB

2462MHz

05/09/2019

Port 1
Port 2
Port 3
Port 4RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

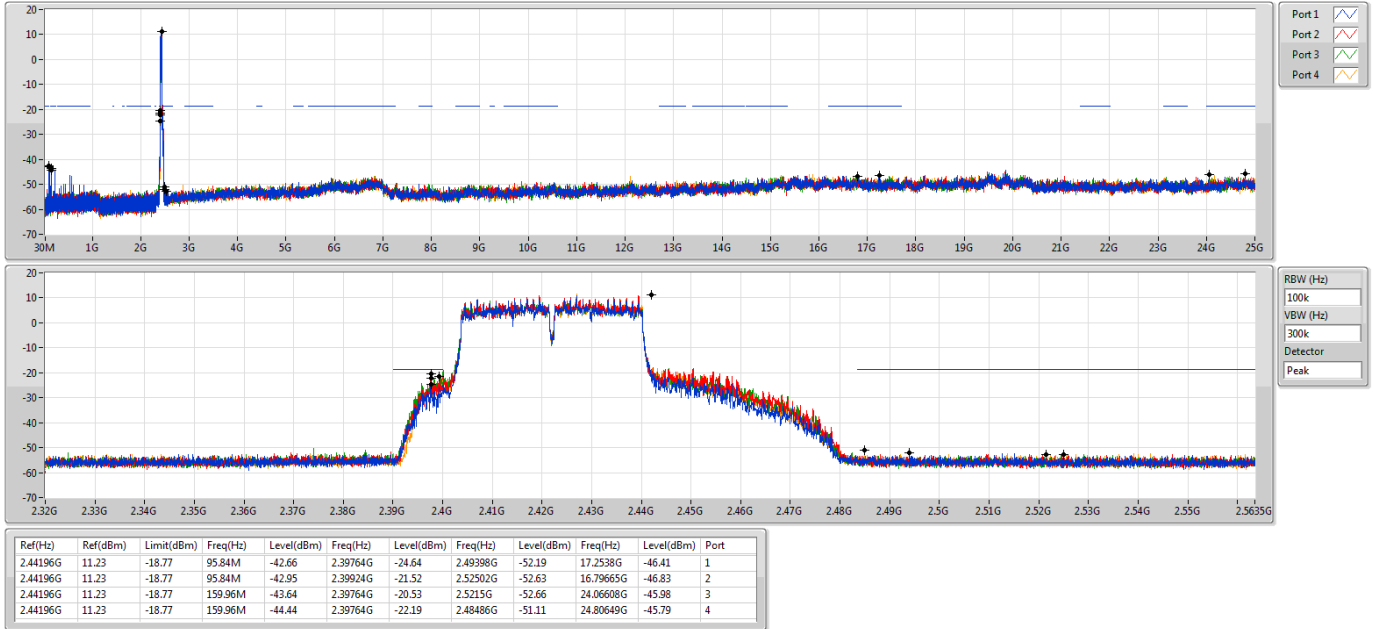
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.45699G	14.19	-15.81	95.82M	-42.75	2.39946G	-50.71	2.48356G	-50.09	6.9317G	-46.68	1
2.45699G	14.19	-15.81	95.82M	-43.15	2.3997G	-50.05	2.48672G	-48.90	24.764G	-46.53	2
2.45699G	14.19	-15.81	159.9M	-44.76	2.39908G	-47.96	2.48356G	-48.30	17.06299G	-46.66	3
2.45699G	14.19	-15.81	95.82M	-43.76	2.397G	-50.20	2.48354G	-48.81	24.48304G	-47.09	4

VHT40_Nss3,(MCS0)_4TX

2422MHz

CSE NdB

04/09/2019

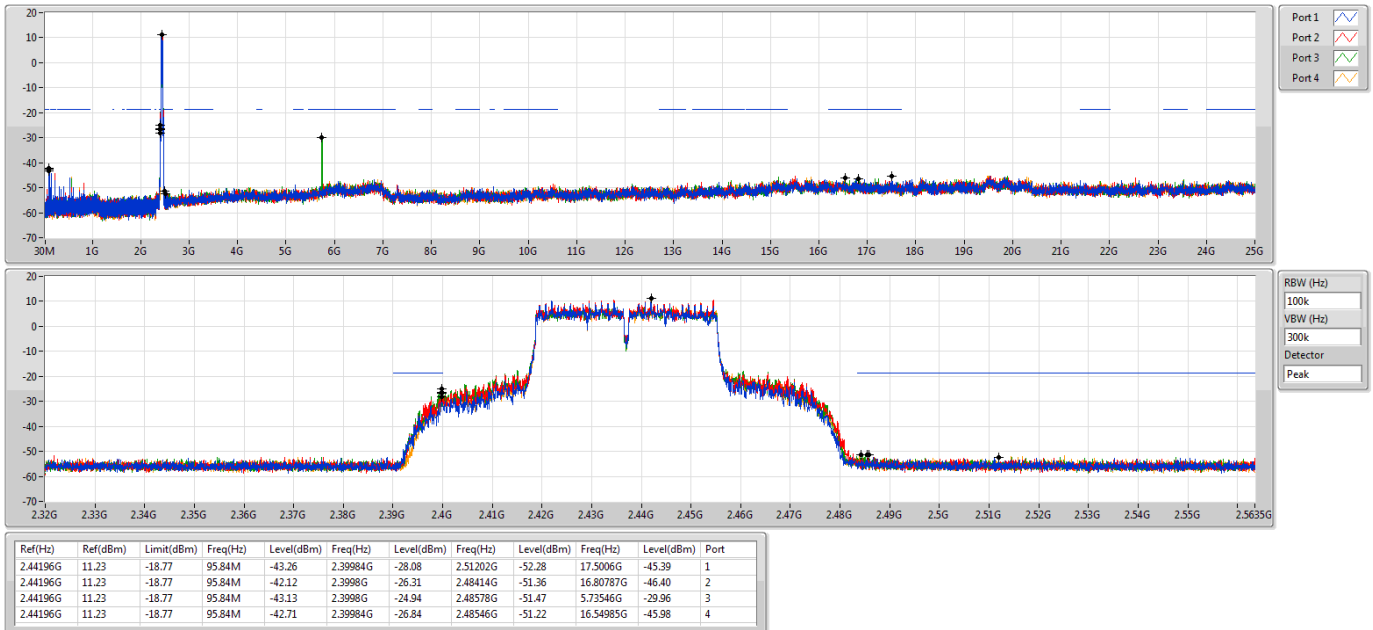


VHT40_Nss3,(MCS0)_4TX

2437MHz

CSE NdB

04/09/2019

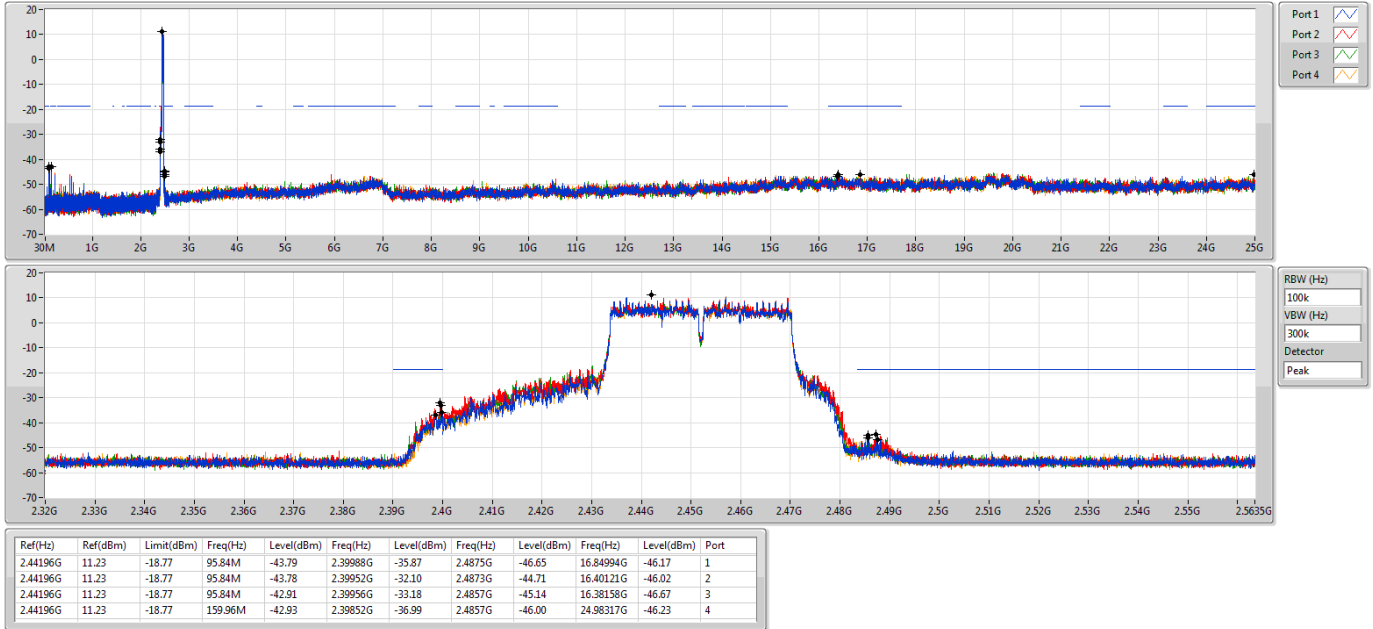


VHT40_Nss3,(MCS0)_4TX

2452MHz

CSE NdB

04/09/2019

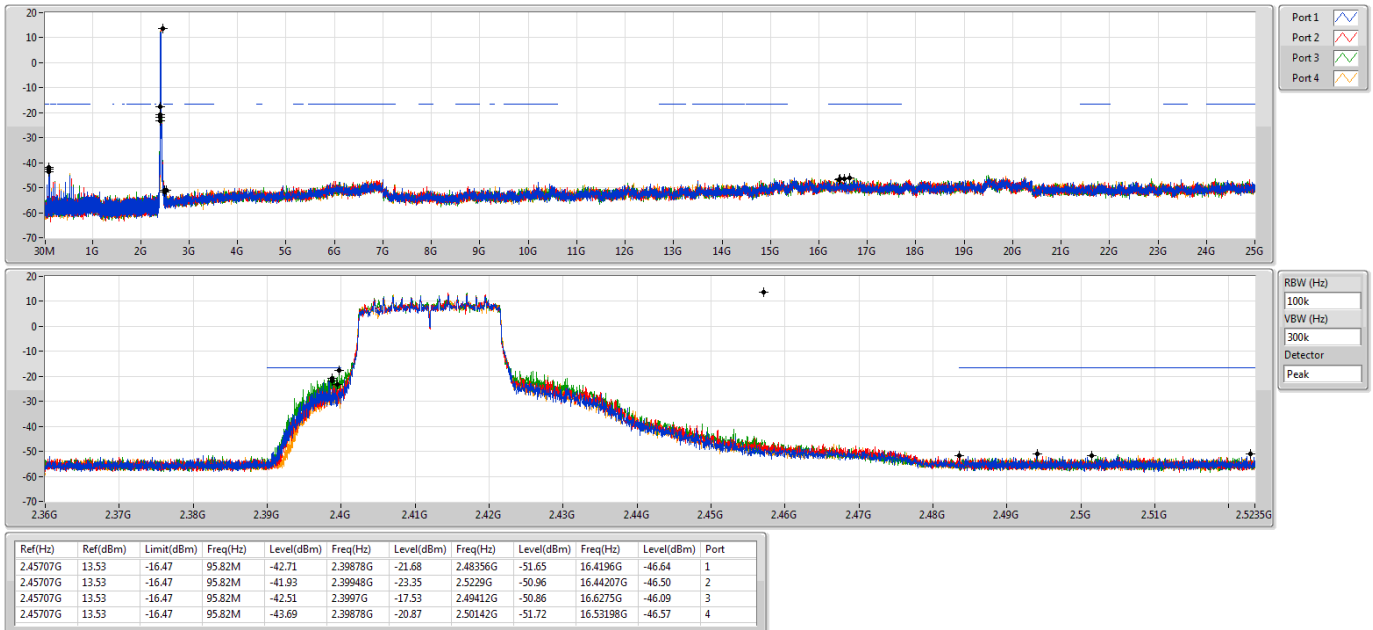


802.11ax HEW20_Nss3,(MCS0)_4TX

2412MHz

CSE NdB

05/09/2019

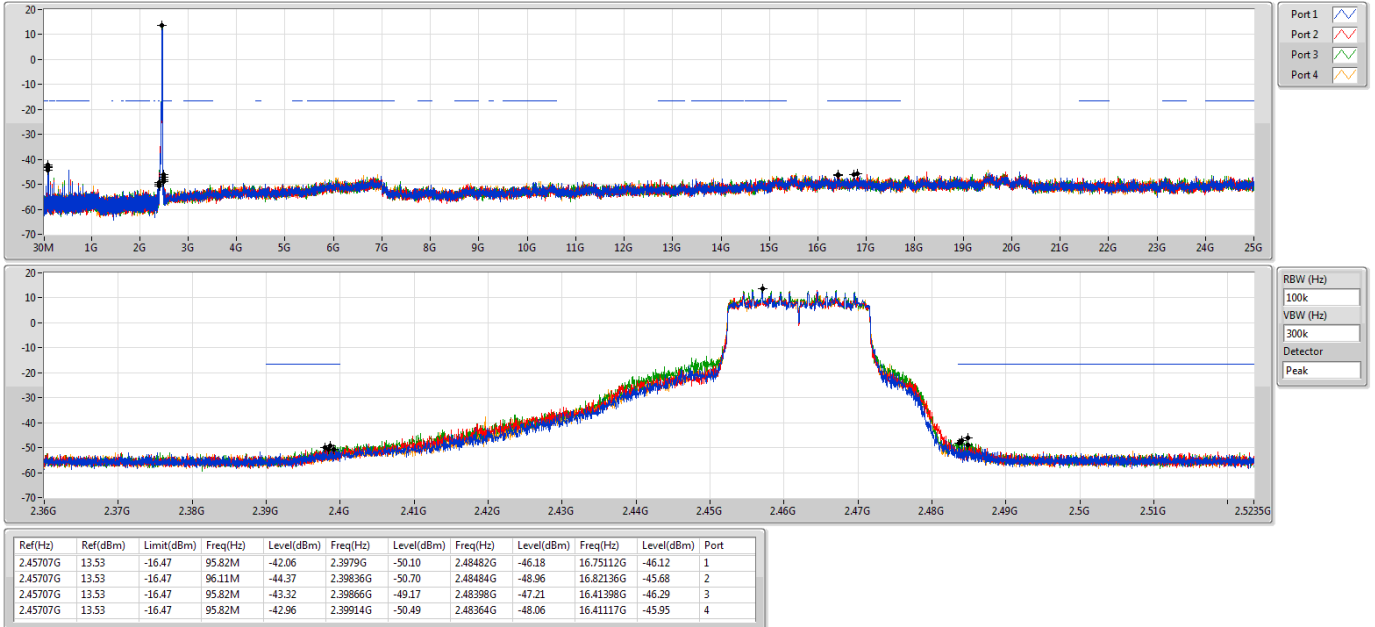


802.11ax HEW20_Nss3,(MCS0)_4TX

CSE NdB

2462MHz

05/09/2019

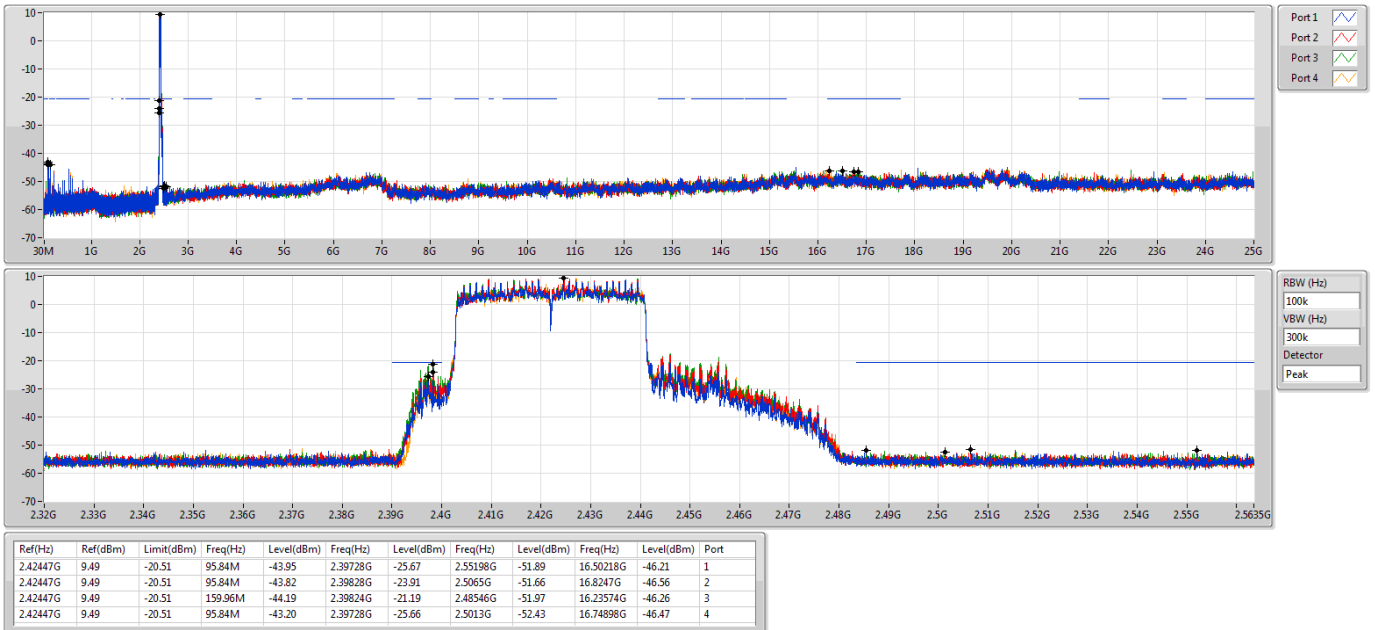


802.11ax HEW40_Nss3,(MCS0)_4TX

CSE NdB

2422MHz

04/09/2019

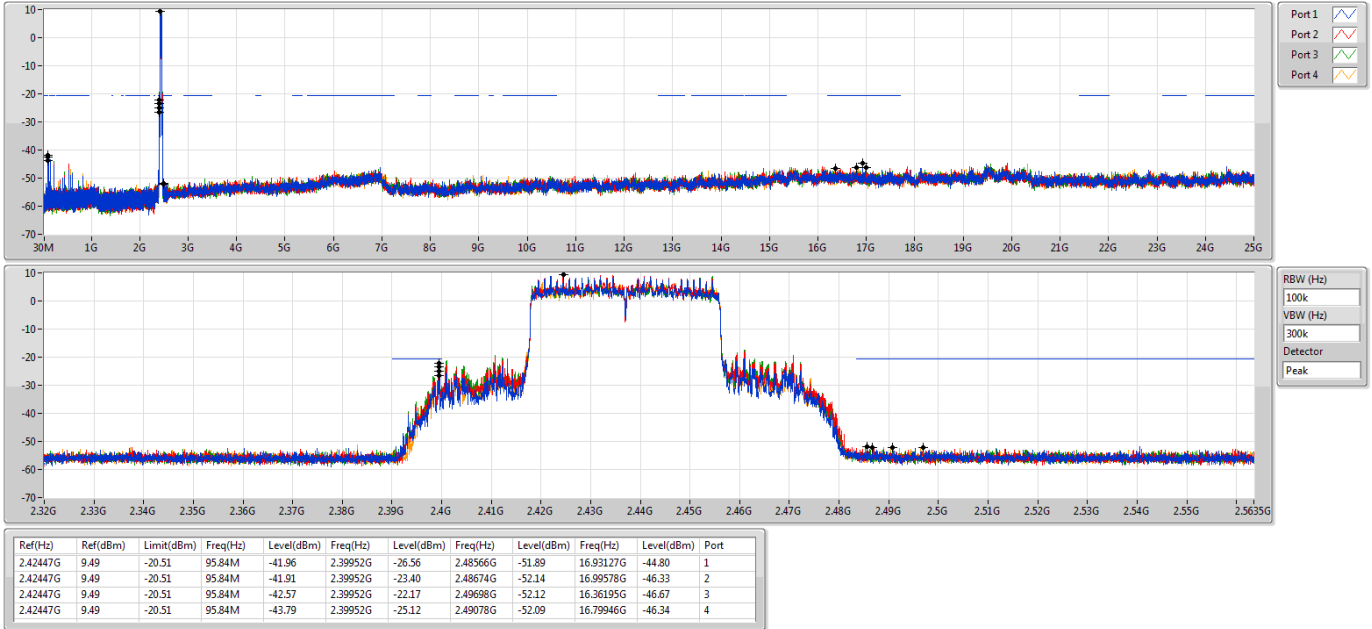


802.11ax HEW40_Nss3,(MCS0)_4TX

CSE NdB

2437MHz

04/09/2019

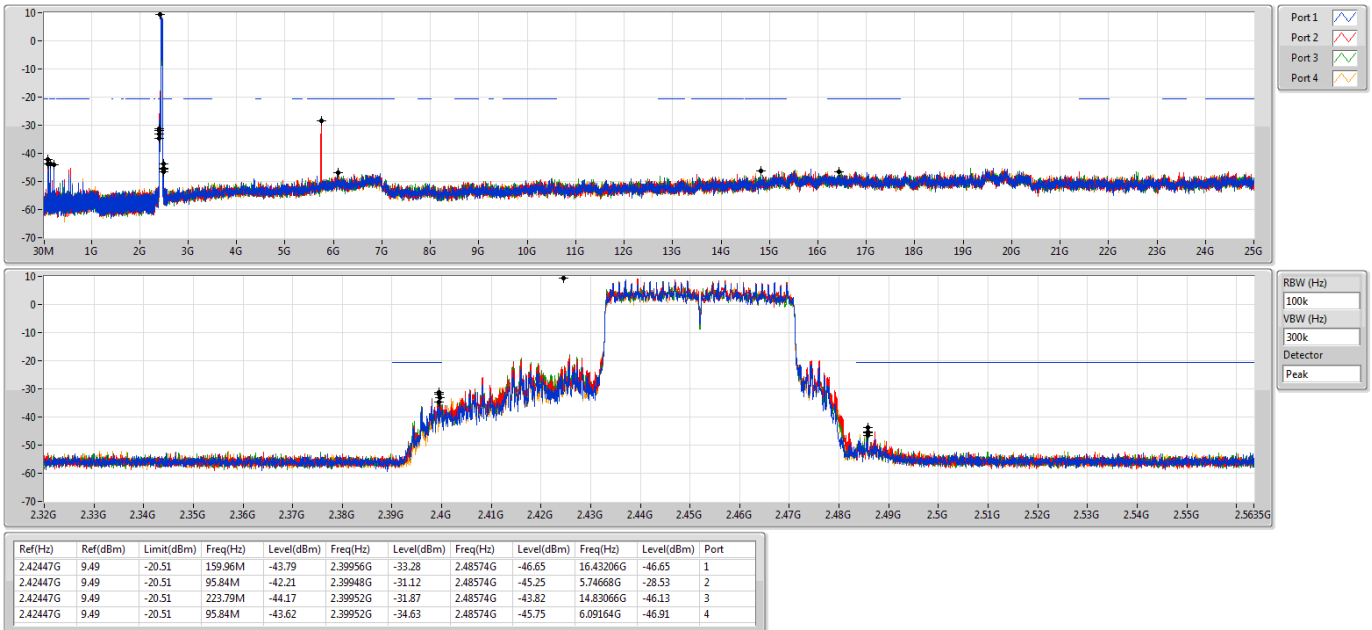


802.11ax HEW40_Nss3,(MCS0)_4TX

CSE NdB

2452MHz

04/09/2019



<For beamforming mode>

3T1S

Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
VHT20-BF_Nss1,(MCS0)_3TX	Pass	2.442G	14.14	-15.86	95.82M	-42.76	2.39978G	-16.43	2.50318G	-51.88	24.44371G	-46.09	3
VHT40-BF_Nss1,(MCS0)_3TX	Pass	2.43198G	11.53	-18.47	95.84M	-42.19	2.39964G	-18.65	2.5489G	-52.64	15.08868G	-46.06	3
802.11ax HEW20-BF_Nss1,(MCS0)_3TX	Pass	2.442G	13.49	-16.51	95.82M	-42.07	2.39946G	-16.58	2.50106G	-50.99	16.8607G	-45.86	3
802.11ax HEW40-BF_Nss1,(MCS0)_3TX	Pass	2.43198G	10.16	-19.84	95.84M	-41.8	2.39736G	-20.03	2.49818G	-51.58	16.46852G	-45.96	3

Result

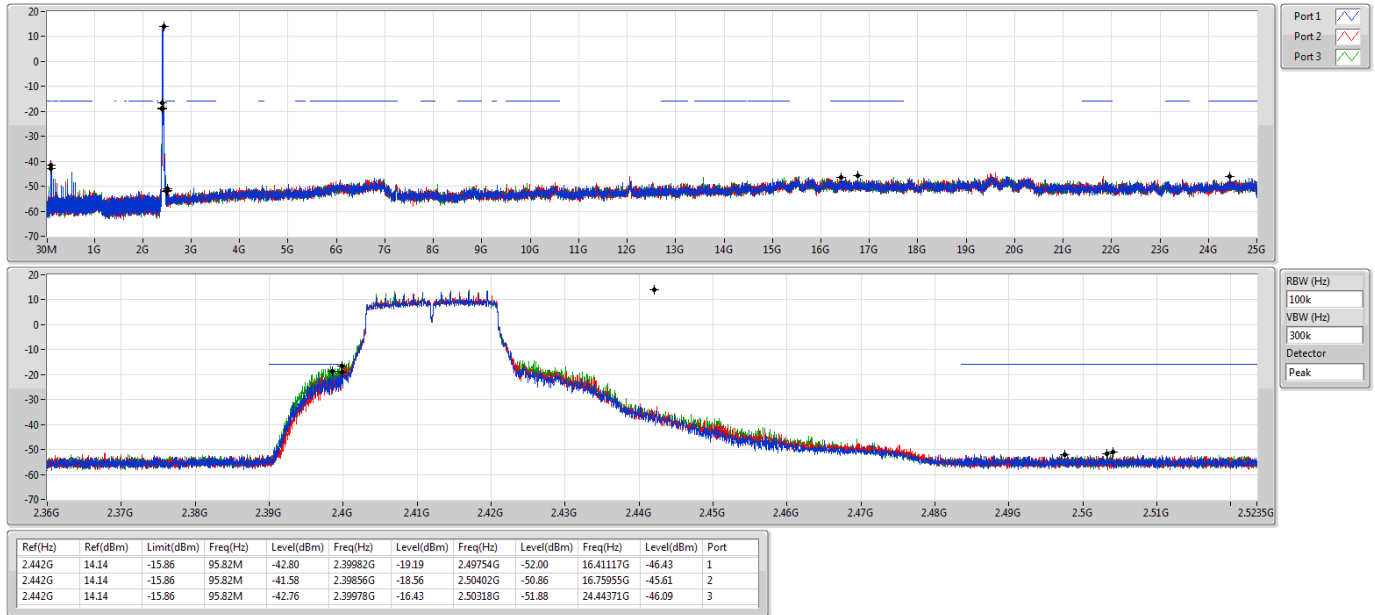
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
VHT20-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.442G	14.14	-15.86	95.82M	-42.8	2.39982G	-19.19	2.49754G	-52	16.41117G	-46.43	1
2412MHz	Pass	2.442G	14.14	-15.86	95.82M	-41.58	2.39856G	-18.56	2.50402G	-50.86	16.75955G	-45.61	2
2412MHz	Pass	2.442G	14.14	-15.86	95.82M	-42.76	2.39978G	-16.43	2.50318G	-51.88	24.44371G	-46.09	3
2437MHz	Pass	2.442G	14.14	-15.86	95.82M	-44.18	2.39706G	-41.21	2.52116G	-50.88	23.13164G	-46.71	1
2437MHz	Pass	2.442G	14.14	-15.86	95.82M	-42.24	2.3986G	-40.07	2.4872G	-51.08	6.99913G	-45.23	2
2437MHz	Pass	2.442G	14.14	-15.86	95.82M	-41.47	2.39976G	-38.62	2.51642G	-51.91	6.77718G	-46.63	3
2462MHz	Pass	2.442G	14.14	-15.86	95.82M	-43.36	2.39986G	-49.16	2.4839G	-45.58	15.10472G	-46.54	1
2462MHz	Pass	2.442G	14.14	-15.86	95.82M	-41.41	2.3999G	-46.75	2.4839G	-45.04	16.8607G	-45.53	2
2462MHz	Pass	2.442G	14.14	-15.86	95.82M	-42.61	2.3979G	-46.76	2.48392G	-44.27	16.20888G	-45.62	3
VHT40-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43198G	11.53	-18.47	95.84M	-41.4	2.39792G	-21.78	2.49082G	-51.57	6.78437G	-46.28	1
2422MHz	Pass	2.43198G	11.53	-18.47	95.84M	-42.46	2.39852G	-21.48	2.48562G	-51.98	17.46695G	-46.08	2
2422MHz	Pass	2.43198G	11.53	-18.47	95.84M	-42.19	2.39964G	-18.65	2.5489G	-52.64	15.08868G	-46.06	3
2437MHz	Pass	2.43198G	11.53	-18.47	96.12M	-42.31	2.39948G	-22.03	2.48514G	-51.23	16.7658G	-45.87	1
2437MHz	Pass	2.43198G	11.53	-18.47	95.84M	-41.89	2.39948G	-19.4	2.48706G	-49.5	17.11357G	-46.21	2
2437MHz	Pass	2.43198G	11.53	-18.47	95.84M	-42.95	2.39948G	-19.57	2.48546G	-50.86	6.72828G	-44.87	3
2452MHz	Pass	2.43198G	11.53	-18.47	95.84M	-42.36	2.39896G	-35.17	2.4851G	-44.75	15.25695G	-46.41	1
2452MHz	Pass	2.43198G	11.53	-18.47	95.84M	-43.1	2.39948G	-32.56	2.48802G	-43.94	15.15599G	-45.91	2
2452MHz	Pass	2.43198G	11.53	-18.47	95.84M	-43.58	2.39924G	-34.4	2.48822G	-44.28	16.53583G	-46.5	3
802.11ax HEW20-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.442G	13.49	-16.51	95.82M	-42.55	2.3997G	-20.08	2.5126G	-51.79	6.81651G	-46.15	1
2412MHz	Pass	2.442G	13.49	-16.51	95.82M	-42.8	2.3997G	-19.56	2.5054G	-51.37	16.66403G	-46.4	2
2412MHz	Pass	2.442G	13.49	-16.51	95.82M	-42.07	2.39946G	-16.58	2.50106G	-50.99	16.8607G	-45.86	3
2437MHz	Pass	2.442G	13.49	-16.51	95.82M	-42.42	2.39984G	-40.24	2.51234G	-52.01	15.15529G	-46.65	1
2437MHz	Pass	2.442G	13.49	-16.51	95.82M	-42.9	2.39976G	-37.86	2.516G	-50.77	17.48161G	-45.68	2
2437MHz	Pass	2.442G	13.49	-16.51	95.82M	-42.88	2.39972G	-36.72	2.48436G	-51.88	15.11034G	-46.48	3
2462MHz	Pass	2.442G	13.49	-16.51	95.82M	-44.39	2.3986G	-48.92	2.48634G	-45.29	16.41117G	-46.7	1
2462MHz	Pass	2.442G	13.49	-16.51	95.82M	-42.75	2.39904G	-47.38	2.48574G	-45.26	16.75112G	-45.87	2
2462MHz	Pass	2.442G	13.49	-16.51	95.82M	-43.3	2.39898G	-47.3	2.484G	-44.09	24.13746G	-46.32	3
802.11ax HEW40-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43198G	10.16	-19.84	95.84M	-42.32	2.39916G	-23.28	2.4857G	-52.67	16.49376G	-46.82	1
2422MHz	Pass	2.43198G	10.16	-19.84	95.84M	-42.27	2.39964G	-21.78	2.54098G	-51.94	16.26659G	-46.4	2
2422MHz	Pass	2.43198G	10.16	-19.84	95.84M	-41.8	2.39736G	-20.03	2.49818G	-51.58	16.46852G	-45.96	3
2437MHz	Pass	2.43198G	10.16	-19.84	95.84M	-41.2	2.39984G	-25.21	2.48626G	-50.58	16.84433G	-46.16	1
2437MHz	Pass	2.43198G	10.16	-19.84	95.84M	-42.88	2.39984G	-21.81	2.48786G	-51.52	16.75739G	-46.14	2
2437MHz	Pass	2.43198G	10.16	-19.84	95.84M	-43.13	2.3998G	-21.28	2.48362G	-51.6	16.31427G	-46.39	3
2452MHz	Pass	2.43198G	10.16	-19.84	95.84M	-42.3	2.39904G	-32.2	2.4861G	-41.29	16.3928G	-45.77	1
2452MHz	Pass	2.43198G	10.16	-19.84	95.84M	-42.9	2.3998G	-30.02	2.48606G	-39.48	15.17001G	-46.27	2
2452MHz	Pass	2.43198G	10.16	-19.84	95.84M	-42.65	2.3998G	-30.24	2.48606G	-40.69	16.85555G	-46.44	3

VHT20-BF_Nss1,(MCS0)_3TX

2412MHz

CSE NdB

03/09/2019

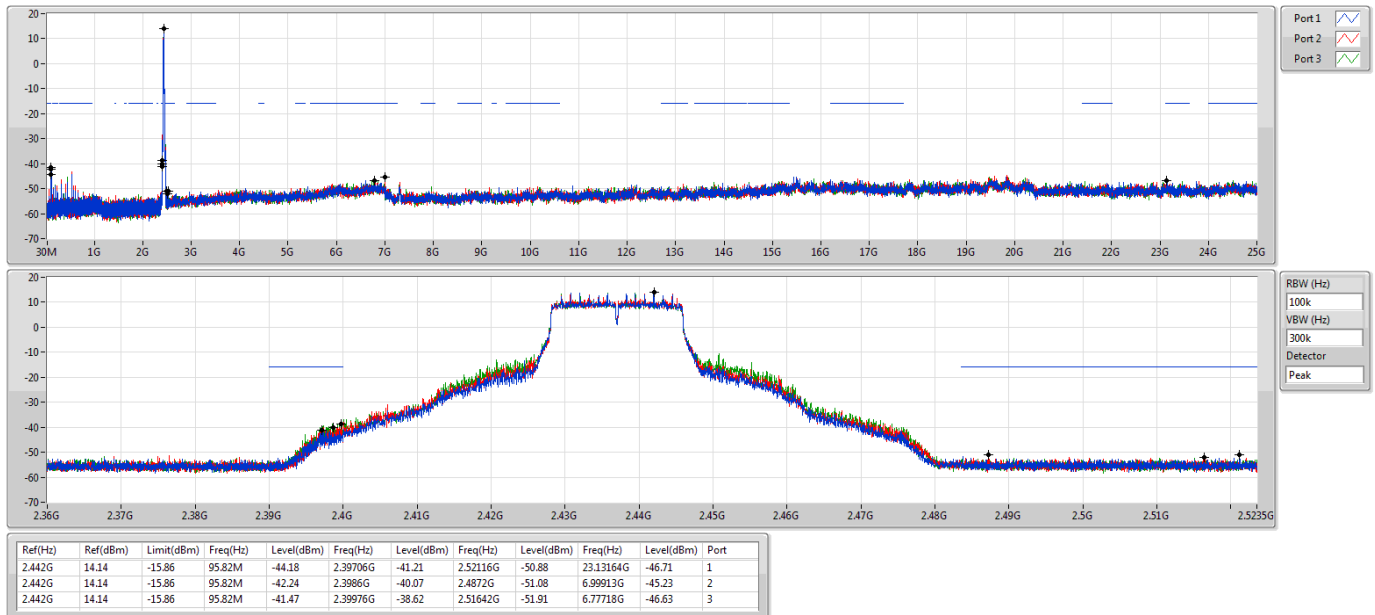


VHT20-BF_Nss1,(MCS0)_3TX

2437MHz

CSE NdB

03/09/2019

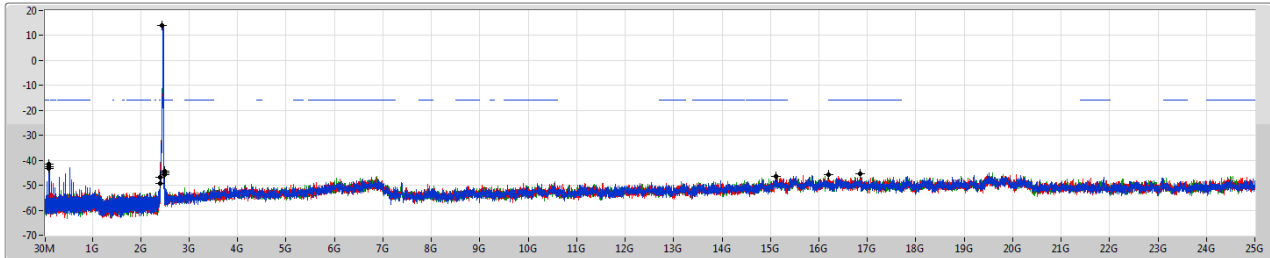


VHT20-BF_Nss1,(MCS0)_3TX

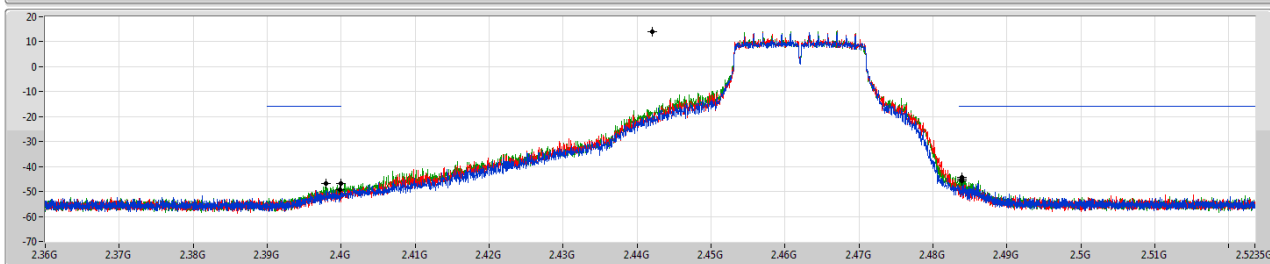
2462MHz

CSE NdB

03/09/2019



Port 1
Port 2
Port 3



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

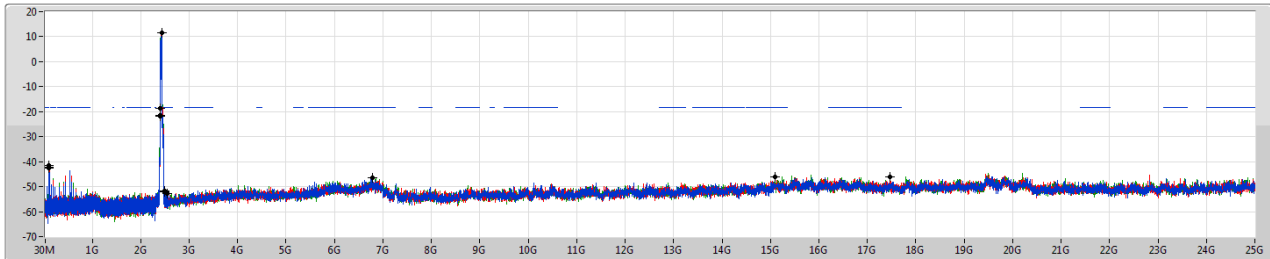
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.442G	14.14	-15.86	95.82M	-43.36	2.39986G	-49.16	2.4839G	-45.58	15.10472G	-46.54	1
2.442G	14.14	-15.86	95.82M	-41.41	2.3999G	-46.75	2.4839G	-45.04	16.8607G	-45.53	2
2.442G	14.14	-15.86	95.82M	-42.61	2.3979G	-46.76	2.48392G	-44.27	16.20888G	-45.62	3

VHT40-BF_Nss1,(MCS0)_3TX

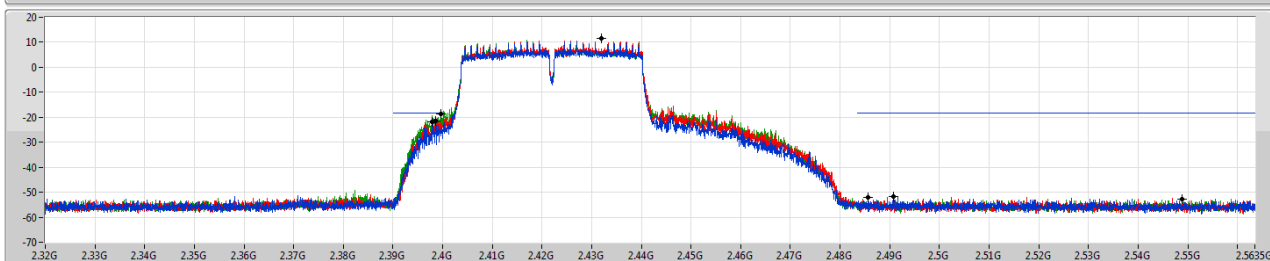
2422MHz

CSE NdB

03/09/2019



Port 1
Port 2
Port 3



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

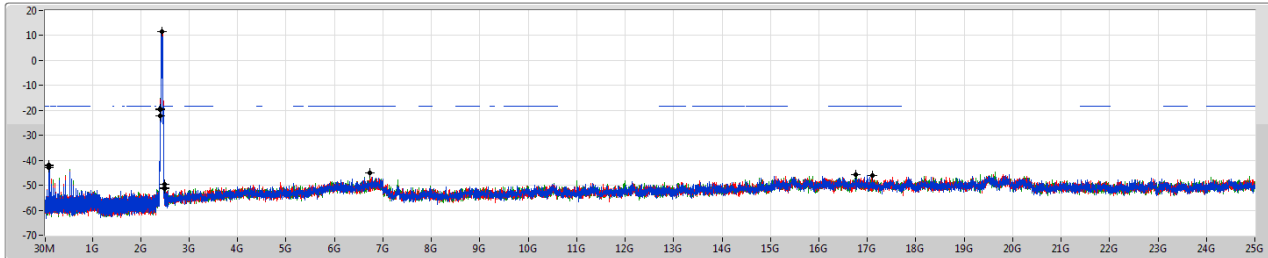
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43198G	11.53	-18.47	95.84M	-41.40	2.39792G	-21.78	2.49082G	-51.57	6.78437G	-46.28	1
2.43198G	11.53	-18.47	95.84M	-42.46	2.39852G	-21.48	2.48562G	-51.98	17.46695G	-46.08	2
2.43198G	11.53	-18.47	95.84M	-42.19	2.39964G	-18.65	2.5489G	-52.64	15.08868G	-46.06	3

VHT40-BF_Nss1,(MCS0)_3TX

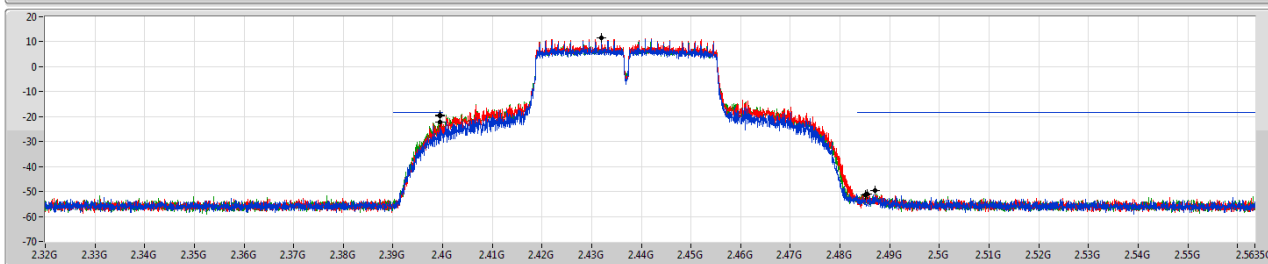
2437MHz

CSE NdB

03/09/2019



Port 1
Port 2
Port 3



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

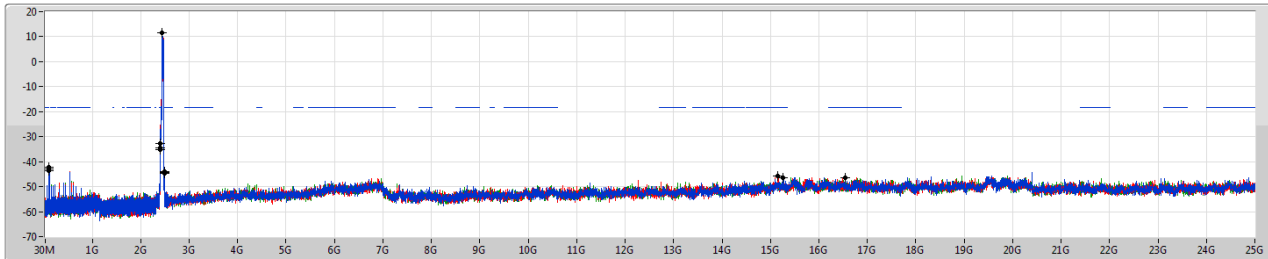
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2.43198G	11.53	-18.47	96.12M	-42.31	2.39948G	-22.03	2.48514G	-51.23	16.7658G	-45.87	1
2.43198G	11.53	-18.47	95.84M	-41.89	2.39948G	-19.40	2.48706G	-49.50	17.11357G	-46.21	2
2.43198G	11.53	-18.47	95.84M	-42.95	2.39948G	-19.57	2.48546G	-50.86	6.72828G	-44.87	3

VHT40-BF_Nss1,(MCS0)_3TX

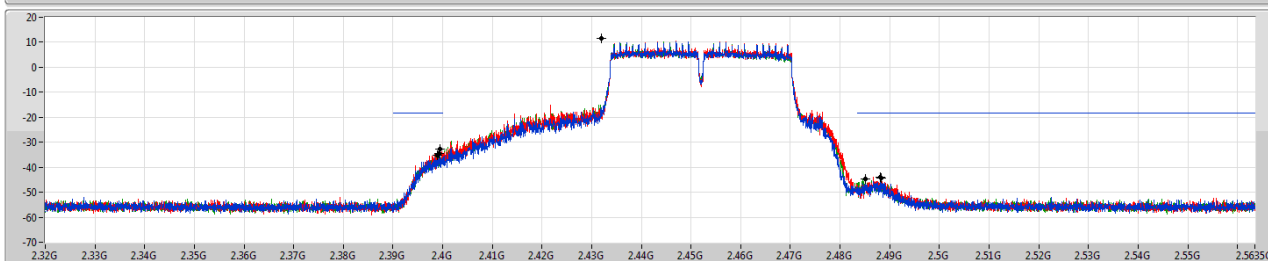
2452MHz

CSE NdB

03/09/2019



Port 1
Port 2
Port 3



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
2.43198G	11.53	-18.47	95.84M	-42.36	2.39896G	-35.17	2.4851G	-44.75	15.25695G	-46.41	1
2.43198G	11.53	-18.47	95.84M	-43.10	2.39948G	-32.56	2.48802G	-43.94	15.15599G	-45.91	2
2.43198G	11.53	-18.47	95.84M	-43.58	2.39924G	-34.40	2.48822G	-44.28	16.53583G	-46.50	3