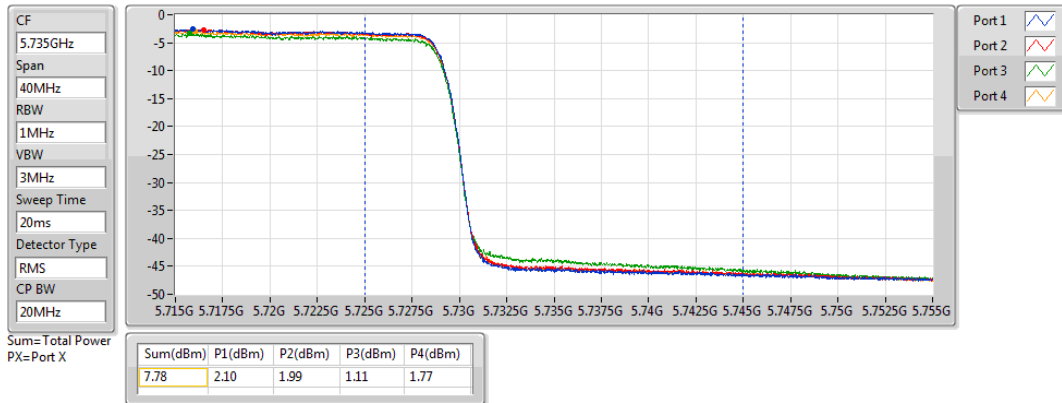


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

29/04/2019

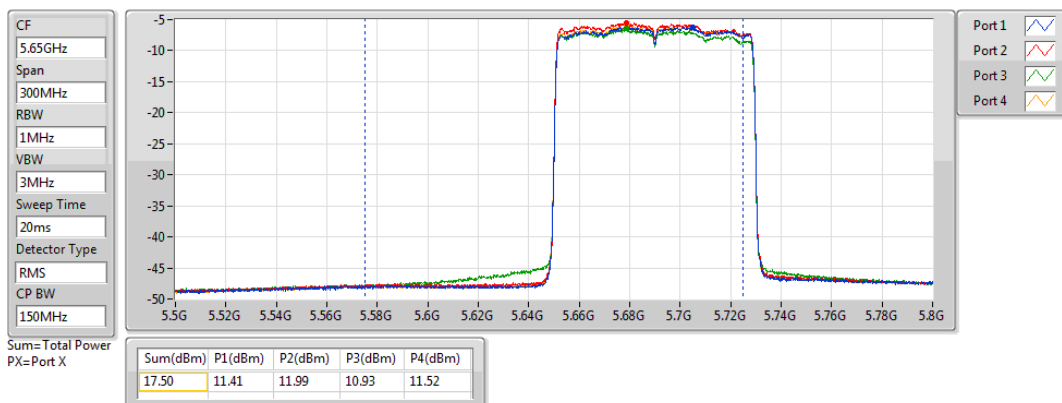


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

29/04/2019

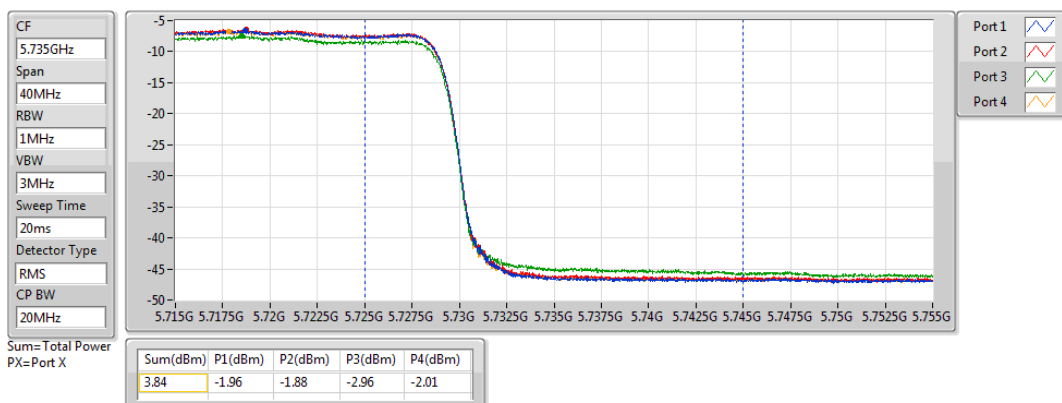


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

29/04/2019

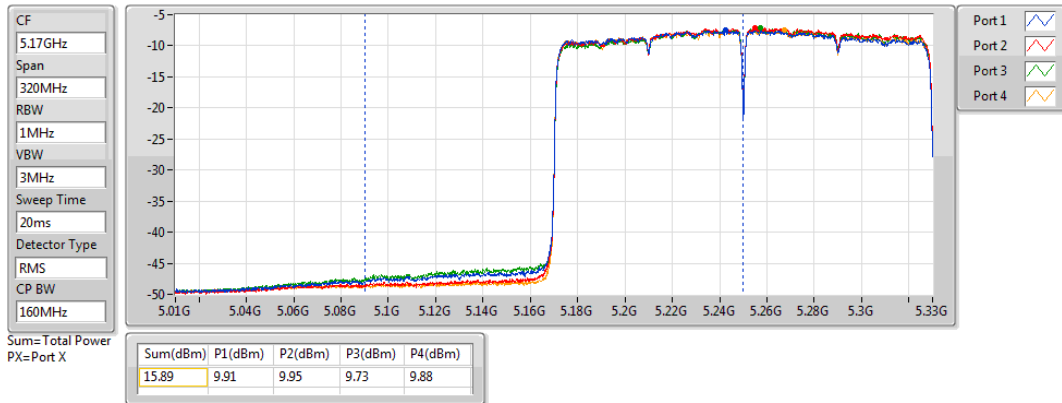


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

29/04/2019

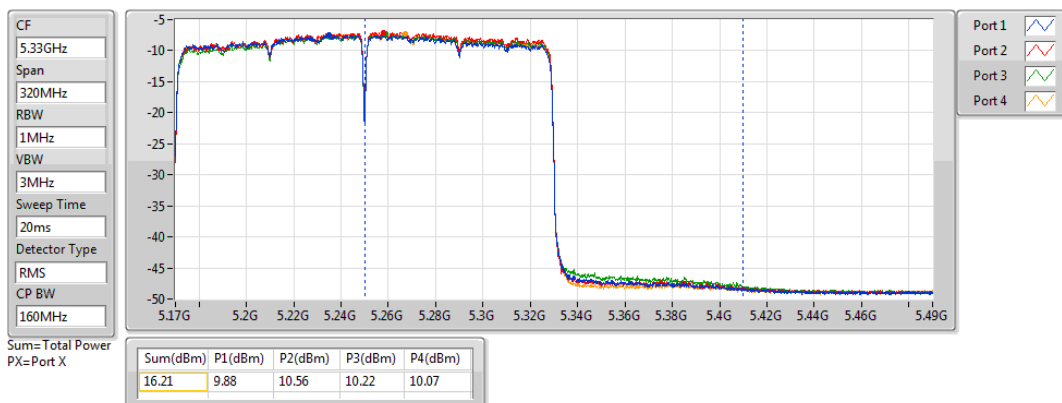


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

29/04/2019



**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 2 ~ Band 4:
Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss4,(MCS0)_4TX	15.68	0.03698
5.25-5.35GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	23.65	0.23174
802.11ax HEW40_Nss4,(MCS0)_4TX	23.55	0.22646
802.11ax HEW80_Nss4,(MCS0)_4TX	20.09	0.10209
802.11ax HEW160_Nss4,(MCS0)_4TX	15.97	0.03954
5.47-5.725GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	23.57	0.22751
802.11ax HEW40_Nss4,(MCS0)_4TX	23.57	0.22751
802.11ax HEW80_Nss4,(MCS0)_4TX	23.62	0.23014
802.11ax HEW160_Nss4,(MCS0)_4TX	18.72	0.07447
5.725-5.85GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	17.39	0.05483
802.11ax HEW40_Nss4,(MCS0)_4TX	13.58	0.02280
802.11ax HEW80_Nss4,(MCS0)_4TX	9.99	0.00998

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	6.32	17.02	17.97	17.91	17.54	23.65	23.66	17.5
5300MHz	Pass	6.32	17.04	17.65	17.79	17.81	23.60	23.66	17.5
5320MHz	Pass	6.32	16.06	16.74	17.27	16.69	22.73	23.66	16.5
5500MHz	Pass	6.32	16.24	15.75	16.32	16.02	22.11	23.66	16.25
5580MHz	Pass	6.32	17.63	17.28	17.91	17.35	23.57	23.66	17.75
5700MHz	Pass	6.32	14.56	14.71	14.68	15.03	20.77	23.66	15
5720MHz Straddle 5.47-5.725GHz	Pass	6.32	16.54	16.37	16.71	16.97	22.67	22.73	18
5720MHz Straddle 5.725-5.85GHz	Pass	6.32	11.33	11.05	11.35	11.73	17.39	29.68	18
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5270MHz	Pass	6.32	17.26	17.41	18.11	17.28	23.55	23.66	17.5
5310MHz	Pass	6.32	13.68	14.17	14.55	14.31	20.21	23.66	14.25
5510MHz	Pass	6.32	14.11	14.06	14.39	14.09	20.19	23.66	14.25
5550MHz	Pass	6.32	17.24	17.53	17.78	17.64	23.57	23.66	17.75
5670MHz	Pass	6.32	15.38	15.26	15.61	15.35	21.42	23.66	15.25
5710MHz Straddle 5.47-5.725GHz	Pass	6.32	17.50	17.13	17.47	17.57	23.44	23.66	18
5710MHz Straddle 5.725-5.85GHz	Pass	6.32	7.71	7.08	7.45	7.95	13.58	29.68	18
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5290MHz	Pass	6.32	13.59	13.89	14.25	14.48	20.09	23.66	13.75
5530MHz	Pass	6.32	12.13	12.65	13.19	12.68	18.70	23.66	13
5610MHz	Pass	6.32	16.16	16.38	16.28	16.32	22.31	23.66	16.5
5690MHz Straddle 5.47-5.725GHz	Pass	6.32	17.61	17.34	17.66	17.76	23.62	23.66	17.75
5690MHz Straddle 5.725-5.85GHz	Pass	6.32	4.30	3.40	3.77	4.34	9.99	29.68	17.75
802.11ax HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.32	9.41	9.53	9.71	9.97	15.68	29.68	12.75
5250MHz Straddle 5.25-5.35GHz	Pass	6.32	9.36	10.02	10.27	10.11	15.97	23.66	12.75
5570MHz	Pass	6.32	12.65	12.67	12.72	12.76	18.72	23.66	12.75

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

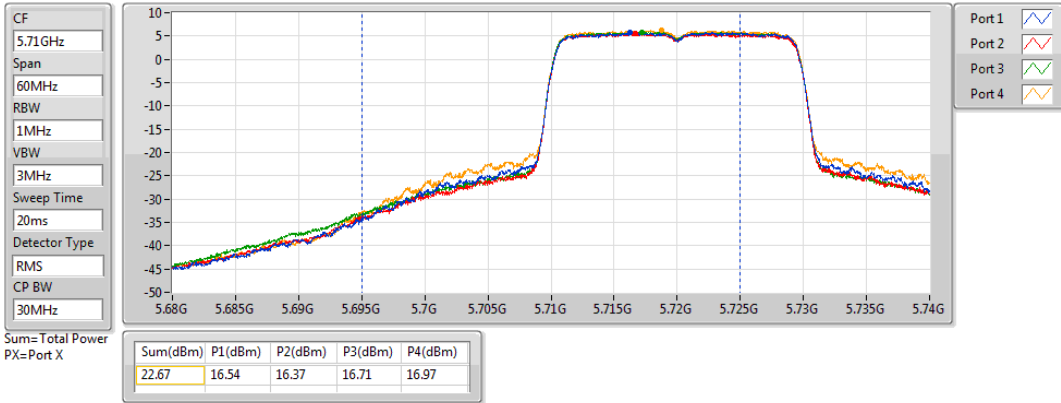
Note : Conducted setting = Pass conducted setting division 4.

802.11ax HEW20_Nss4,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

27/04/2019

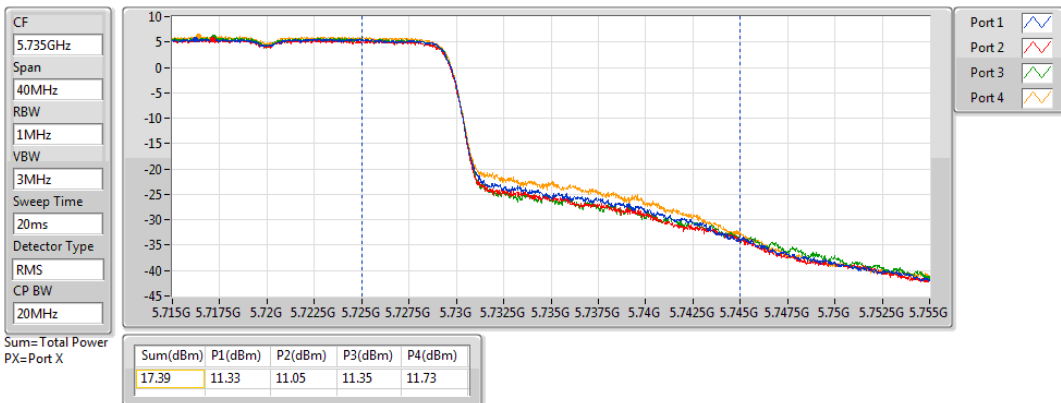


802.11ax HEW20_Nss4,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

27/04/2019

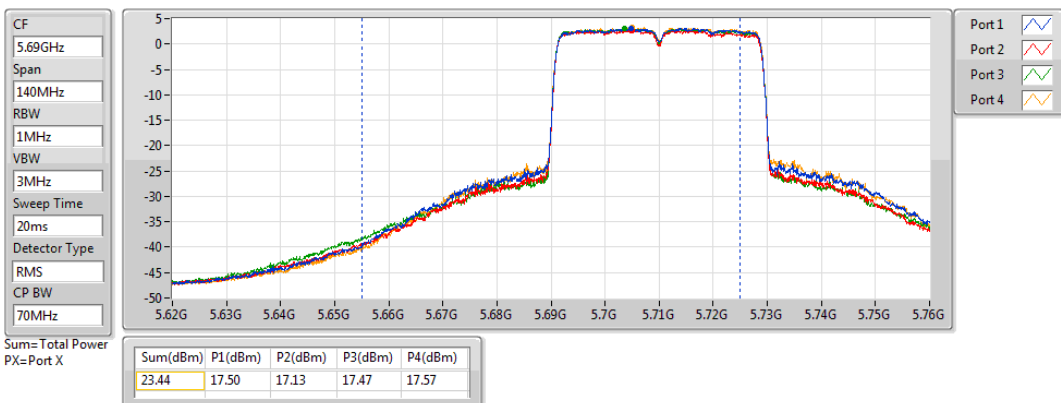


802.11ax HEW40_Nss4,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

27/04/2019

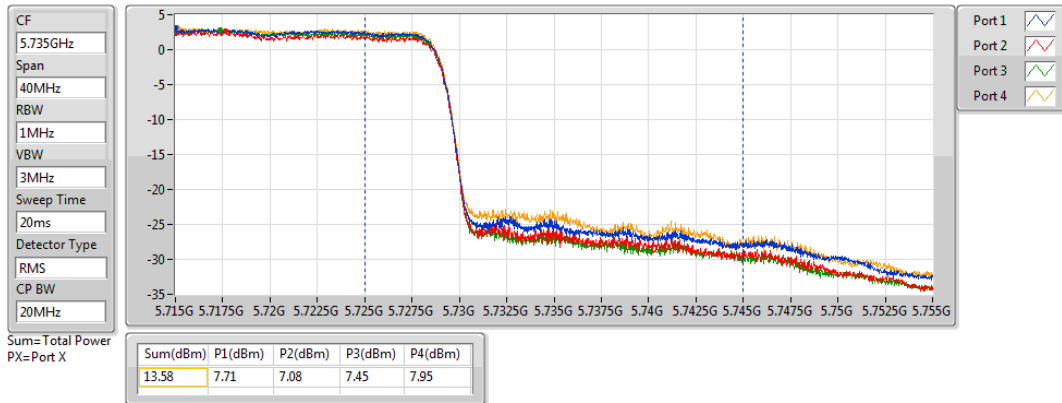


802.11ax HEW40_Nss4,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

27/04/2019

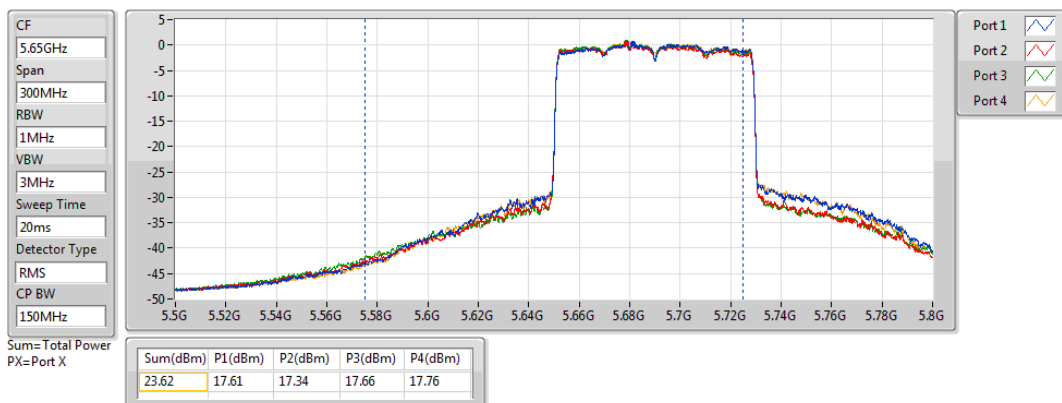


802.11ax HEW80_Nss4,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

27/04/2019

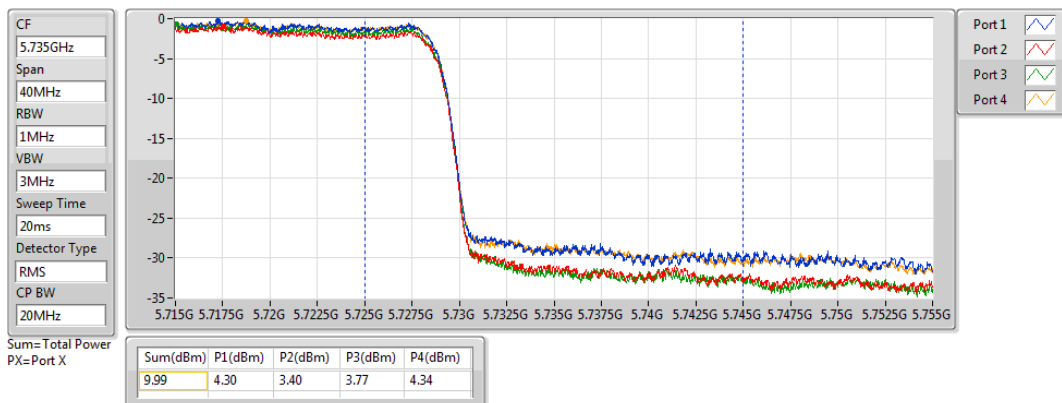


802.11ax HEW80_Nss4,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

27/04/2019

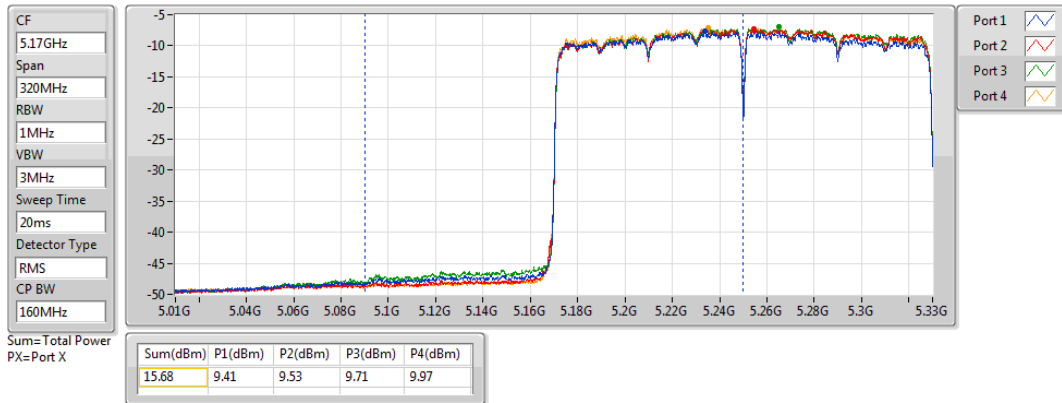


802.11ax HEW160_Nss4,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

27/04/2019

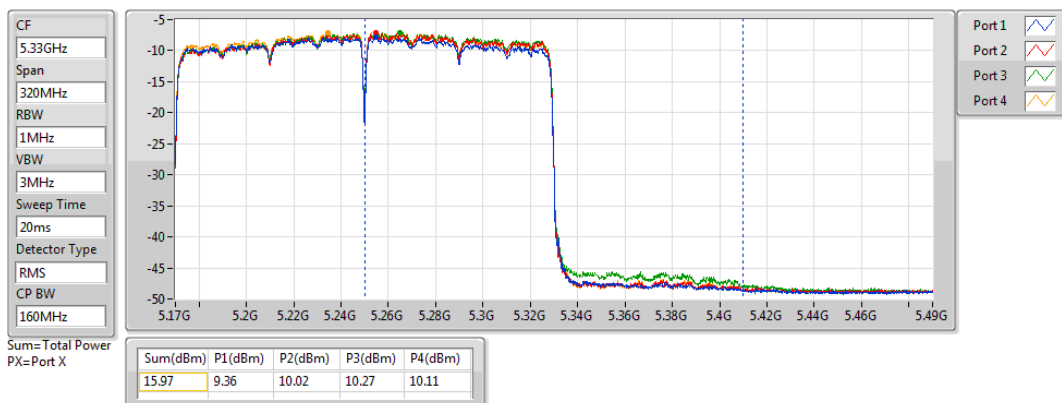


802.11ax HEW160_Nss4,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

27/04/2019



**For Outdoor use for 5G Band 1:
Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_1TX	11.63	0.01455	17.95/16.96	0.06237
5.25-5.35GHz	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_1TX	11.78	0.01507	18.10	0.06457

**Result**

Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.32/5.33	11.63	11.63	29.68	17.95/16.96	36.00/21.00	14.75
5250MHz Straddle 5.25-5.35GHz	Pass	6.32	11.78	11.78	23.66	18.10	Inf	14.75

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

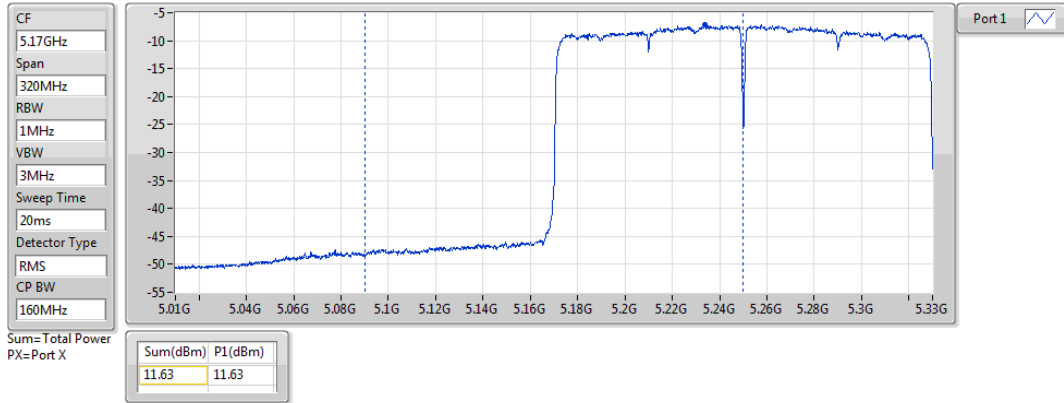
Note : Conducted setting = Pass conducted setting division 4.

802.11ax HEW160_Nss1,(MCS0)_1TX

AV Power

5250MHz Straddle 5.15-5.25GHz

29/04/2019

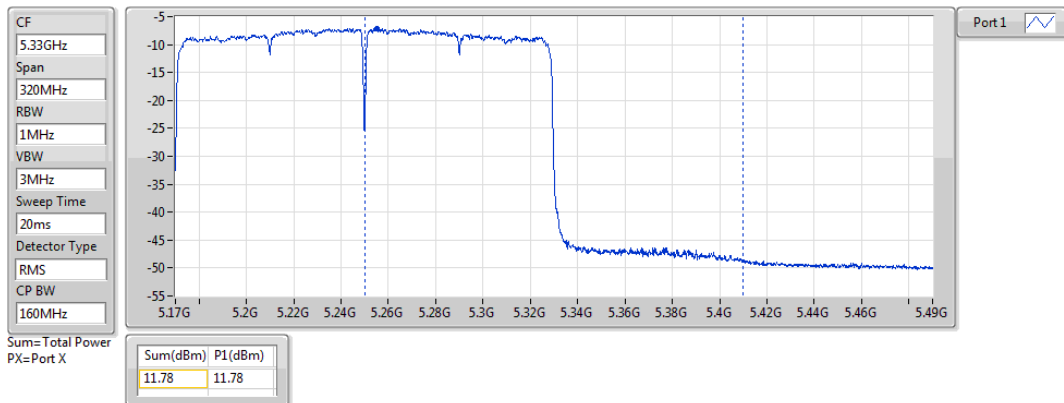


802.11ax HEW160_Nss1,(MCS0)_1TX

AV Power

5250MHz Straddle 5.25-5.35GHz

29/04/2019



**For Outdoor use for 5G Band 1:
Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW160_Nss2,(MCS0)_2TX	14.00	0.02512	20.32/19.33	0.10765
5.25-5.35GHz	-	-	-	-
802.11ax HEW160_Nss2,(MCS0)_2TX	14.35	0.02723	20.67	0.11668

**Result**

Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11ax HEW160_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.32/5.33	10.98	10.99	14.00	29.68	20.32/19.33	36.00/21.00	14
5250MHz Straddle 5.25-5.35GHz	Pass	6.32	11.05	11.62	14.35	23.66	20.67	Inf	14

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

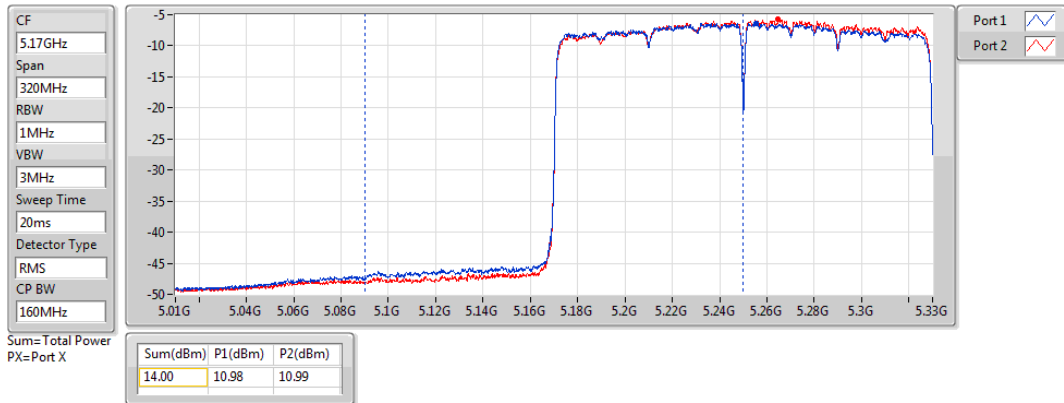
Note : Conducted setting = Pass conducted setting division 4.

802.11ax HEW160_Nss2,(MCS0)_2TX

AV Power

5250MHz Straddle 5.15-5.25GHz

27/04/2019

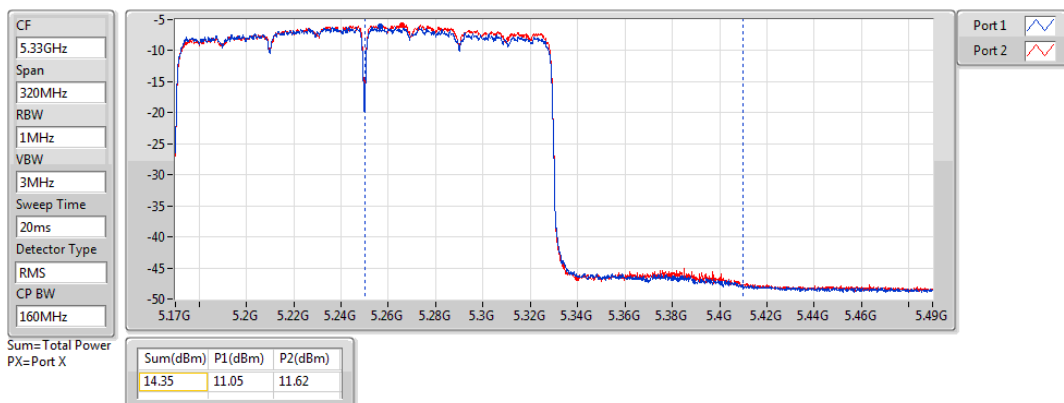


802.11ax HEW160_Nss2,(MCS0)_2TX

AV Power

5250MHz Straddle 5.25-5.35GHz

27/04/2019



**For Outdoor use for 5G Band 1:
Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_4TX	14.99	0.03155	21.31/20.32	0.13521
5.25-5.35GHz	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_4TX	15.29	0.03381	21.61	0.14488

Result

Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.32/5.33	8.95	8.92	9.03	8.99	14.99	29.68	21.31/20.32	36.00/21.00	12.25
5250MHz Straddle 5.25-5.35GHz	Pass	6.32	8.93	9.44	9.59	9.10	15.29	23.66	21.61	Inf	12.25

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

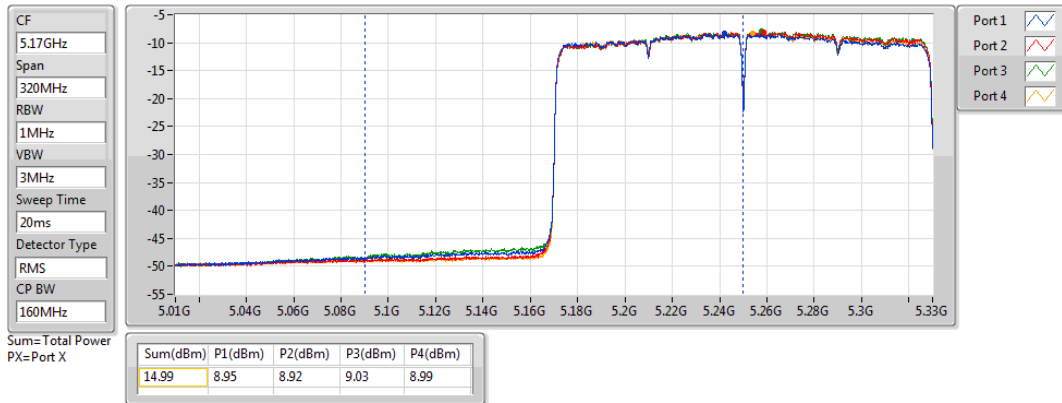
Note : Conducted setting = Pass conducted setting division 4.

802.11ax HEW160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

27/04/2019

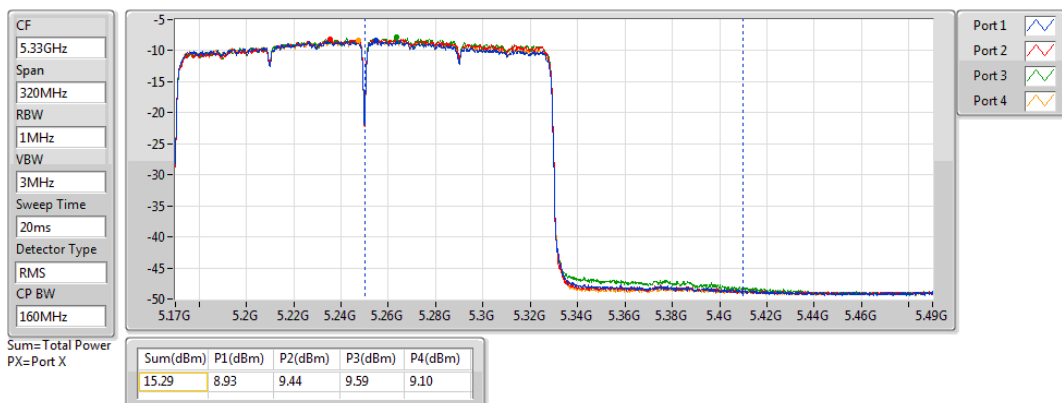


802.11ax HEW160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

27/04/2019



**For Outdoor use for 5G Band 1:
Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	9.62	0.00916	21.96/20.97	0.15704
5.25-5.35GHz	-	-	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	9.58	0.00908	21.92	0.15560

Result

Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	12.34/11.35	3.20	3.83	3.79	3.53	9.62	23.66	21.96/20.97	36.00/21.00	7
5250MHz Straddle 5.25-5.35GHz	Pass	12.34	2.99	3.94	3.97	3.24	9.58	17.64	21.92	Inf	7

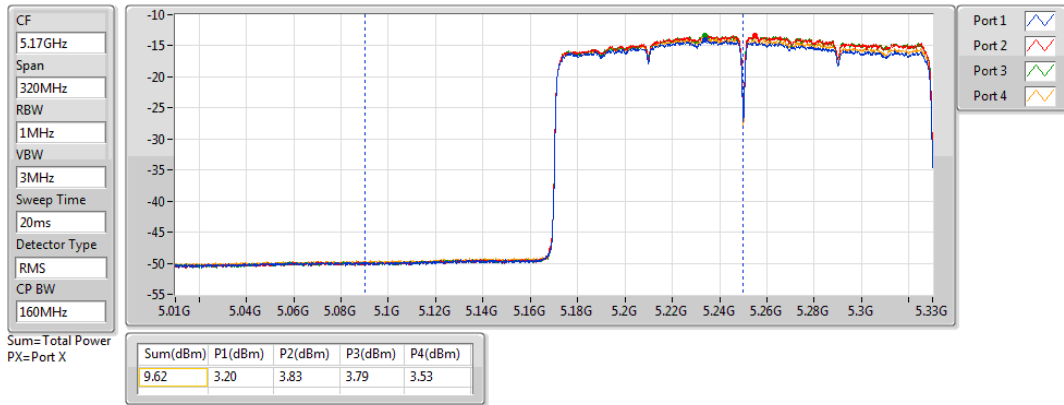
DG = Directional Gain; **Port X** = Port X output power.

Note : Conducted setting = Pass conducted setting division 4.

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

AV Power

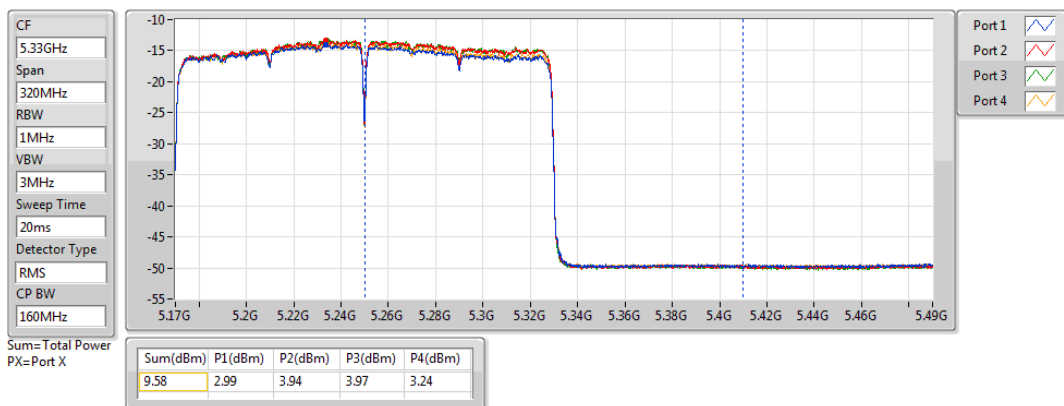
5250MHz Straddle 5.15-5.25GHz



802.11ax HEW160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz



**For Outdoor use for 5G Band 1:
Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW160_Nss4,(MCS0)_4TX	15.34	0.03420	21.66/20.67	0.14655
5.25-5.35GHz	-	-	-	-
802.11ax HEW160_Nss4,(MCS0)_4TX	15.51	0.03556	21.83	0.15241

Result

Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11ax HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.32/5.33	9.15	9.30	9.42	9.40	15.34	29.68	21.66/20.67	36.00/21.00	12.5
5250MHz Straddle 5.25-5.35GHz	Pass	6.32	9.04	9.63	9.75	9.49	15.51	23.66	21.83	Inf	12.5

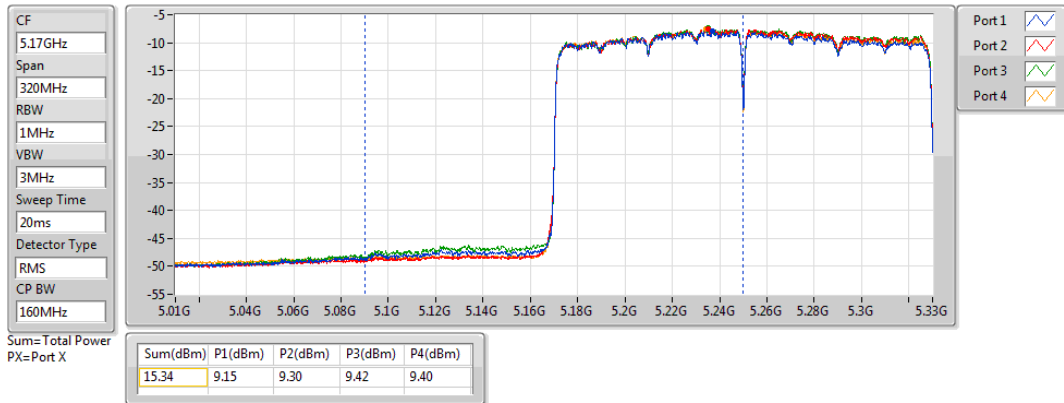
DG = Directional Gain;**Port X** = Port X output power.

Note : Conducted setting = Pass conducted setting division 4.

802.11ax HEW160_Nss4,(MCS0)_4TX

AV Power

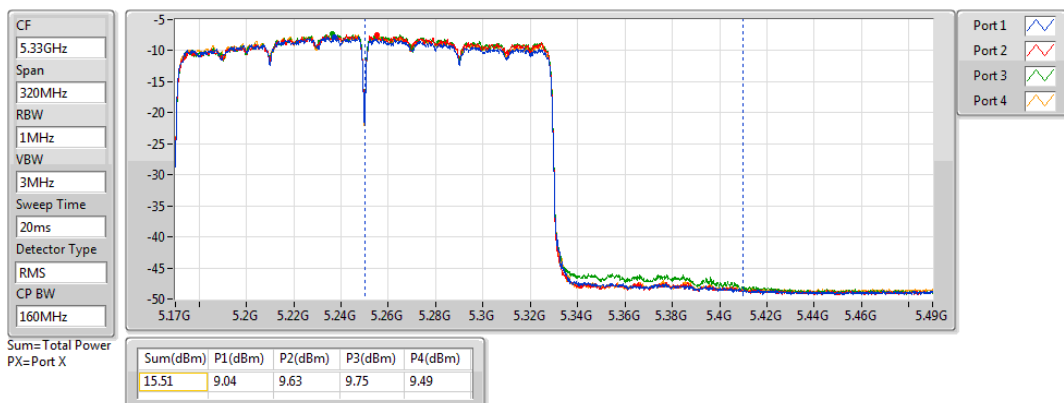
5250MHz Straddle 5.15-5.25GHz



802.11ax HEW160_Nss4,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz



For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 2 ~ Band 4:
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW160_Nss1,(MCS0)_1TX	-6.29
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_1TX	7.45
802.11ax HEW20_Nss1,(MCS0)_1TX	7.35
802.11ax HEW40_Nss1,(MCS0)_1TX	4.28
802.11ax HEW80_Nss1,(MCS0)_1TX	-2.80
802.11ax HEW160_Nss1,(MCS0)_1TX	-5.81
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_1TX	5.78
802.11ax HEW20_Nss1,(MCS0)_1TX	4.63
802.11ax HEW40_Nss1,(MCS0)_1TX	3.89
802.11ax HEW80_Nss1,(MCS0)_1TX	1.60
802.11ax HEW160_Nss1,(MCS0)_1TX	-5.84
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	2.37
802.11ax HEW20_Nss1,(MCS0)_1TX	2.63
802.11ax HEW40_Nss1,(MCS0)_1TX	-0.11
802.11ax HEW80_Nss1,(MCS0)_1TX	-0.78

RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5260MHz	Pass	8.27	7.09	7.09	8.73
5300MHz	Pass	8.27	7.45	7.45	8.73
5320MHz	Pass	8.27	6.25	6.25	8.73
5500MHz	Pass	8.27	4.80	4.80	8.73
5580MHz	Pass	8.27	5.78	5.78	8.73
5700MHz	Pass	8.27	2.30	2.30	8.73
5720MHz Straddle 5.47-5.725GHz	Pass	8.27	4.21	4.21	8.73
5720MHz Straddle 5.725-5.85GHz	Pass	8.27	2.37	2.37	27.73
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5260MHz	Pass	8.27	6.96	6.96	8.73
5300MHz	Pass	8.27	7.35	7.35	8.73
5320MHz	Pass	8.27	5.11	5.11	8.73
5500MHz	Pass	8.27	3.43	3.43	8.73
5580MHz	Pass	8.27	4.63	4.63	8.73
5700MHz	Pass	8.27	-0.09	-0.09	8.73
5720MHz Straddle 5.47-5.725GHz	Pass	8.27	4.44	4.44	8.73
5720MHz Straddle 5.725-5.85GHz	Pass	8.27	2.63	2.63	27.73
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5270MHz	Pass	8.27	4.28	4.28	8.73
5310MHz	Pass	8.27	0.33	0.33	8.73
5510MHz	Pass	8.27	-0.90	-0.90	8.73
5550MHz	Pass	8.27	3.89	3.89	8.73
5670MHz	Pass	8.27	1.29	1.29	8.73
5710MHz Straddle 5.47-5.725GHz	Pass	8.27	1.96	1.96	8.73
5710MHz Straddle 5.725-5.85GHz	Pass	8.27	-0.11	-0.11	27.73
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5290MHz	Pass	8.27	-2.80	-2.80	8.73
5530MHz	Pass	8.27	-3.06	-3.06	8.73
5610MHz	Pass	8.27	0.12	0.12	8.73
5690MHz Straddle 5.47-5.725GHz	Pass	8.27	1.60	1.60	8.73
5690MHz Straddle 5.725-5.85GHz	Pass	8.27	-0.78	-0.78	27.73
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.27	-6.29	-6.29	14.73
5250MHz Straddle 5.25-5.35GHz	Pass	8.27	-5.81	-5.81	8.73
5570MHz	Pass	8.27	-5.84	-5.84	8.73

DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

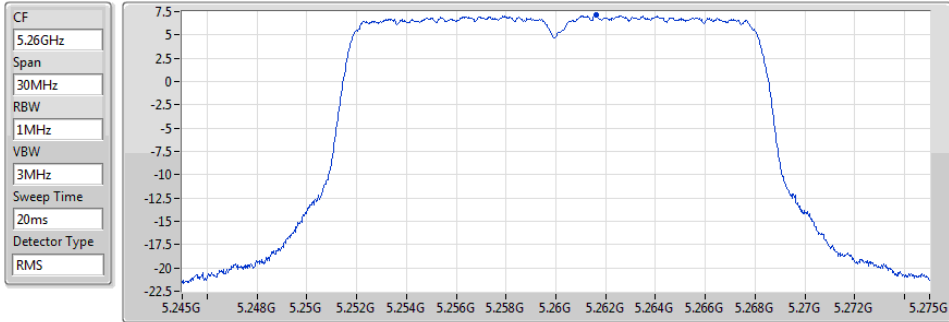
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port Xpower density;

802.11a_Nss1,(6Mbps)_1TX

PSD

5260MHz

16/04/2019



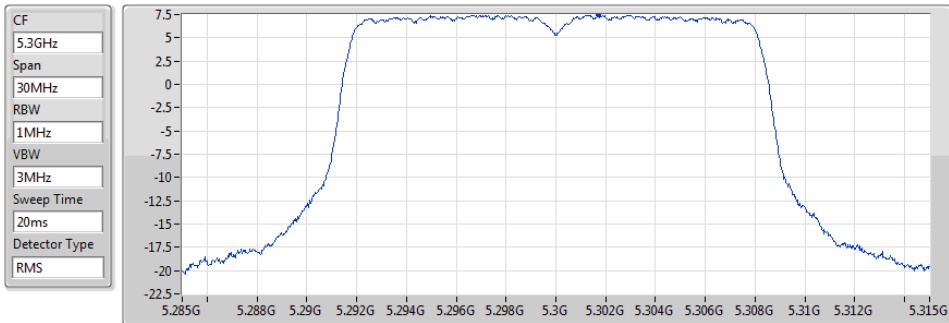
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.09	7.09	7.09

802.11a_Nss1,(6Mbps)_1TX

PSD

5300MHz

16/04/2019



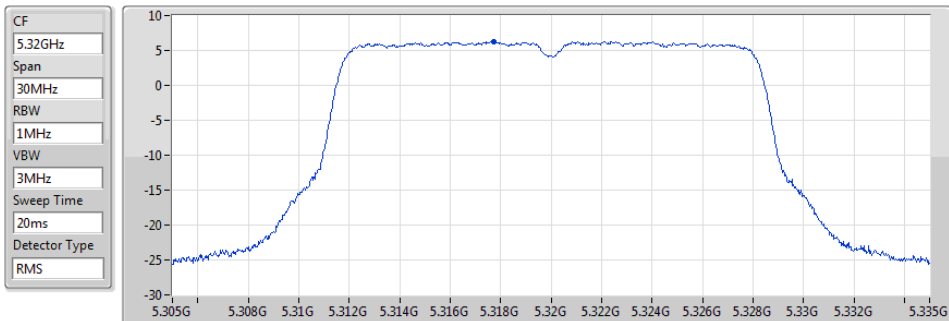
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.45	7.45	7.45

802.11a_Nss1,(6Mbps)_1TX

PSD

5320MHz

16/04/2019



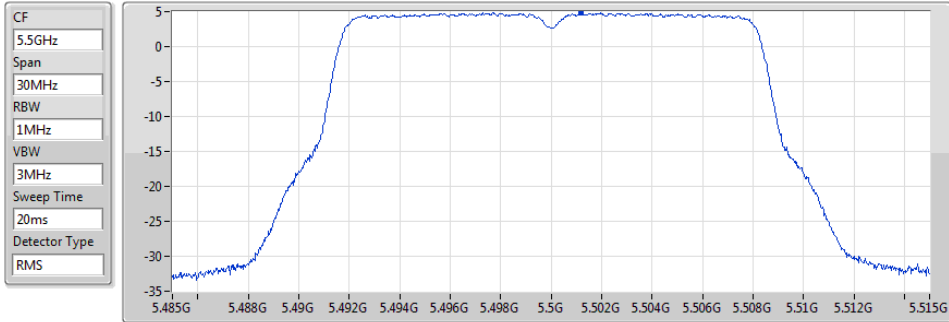
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.25	6.25	6.25

802.11a_Nss1,(6Mbps)_1TX

PSD

5500MHz

16/04/2019



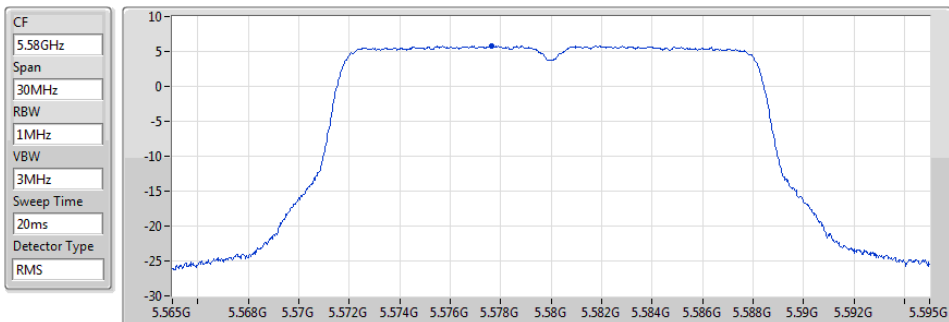
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.80	4.80	4.80

802.11a_Nss1,(6Mbps)_1TX

PSD

5580MHz

16/04/2019



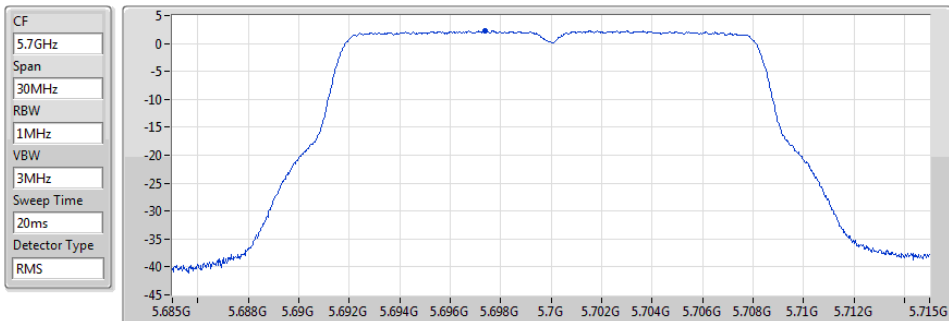
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.78	5.78	5.78

802.11a_Nss1,(6Mbps)_1TX

PSD

5700MHz

16/04/2019



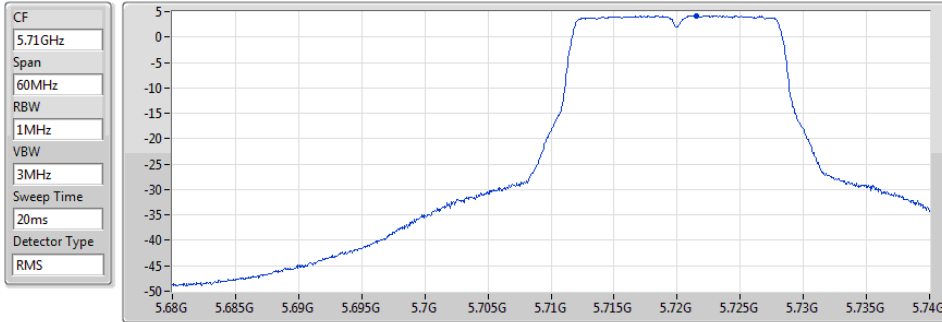
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.30	2.30	2.30

802.11a_Nss1,(6Mbps)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

16/04/2019



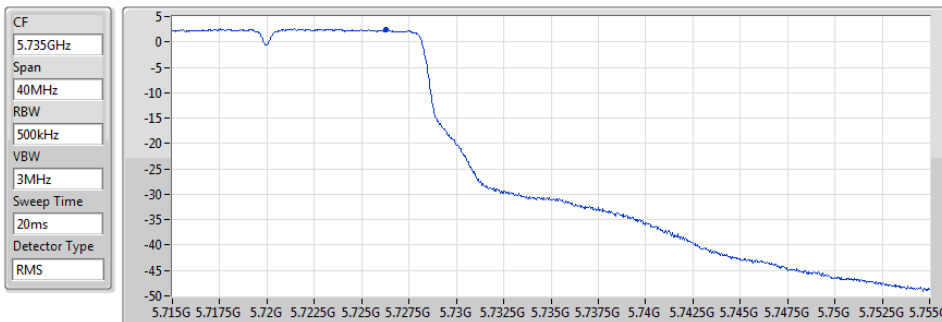
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.21	4.21	4.21

802.11a_Nss1,(6Mbps)_1TX

PSD

5720MHz Straddle 5.725-5.85GHz

16/04/2019



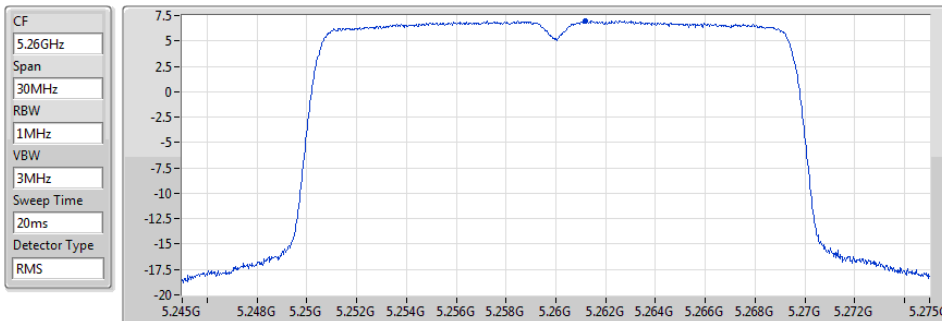
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.37	2.37	2.37

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5260MHz

16/04/2019



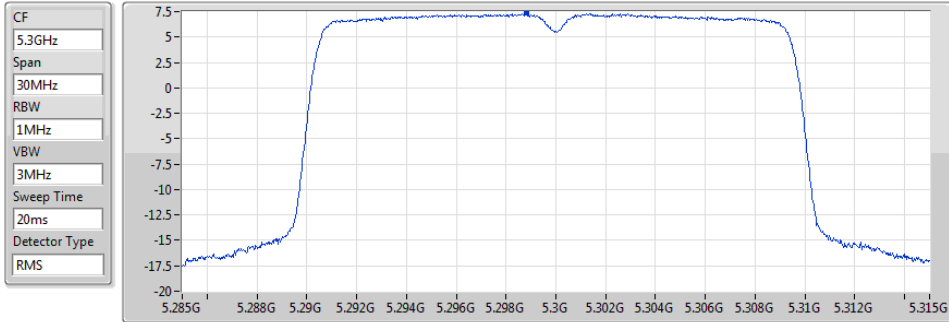
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.96	6.96	6.96

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5300MHz

16/04/2019



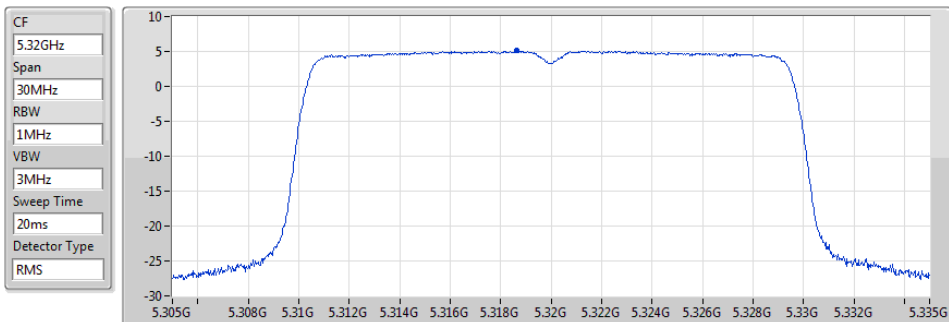
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.35	7.35	7.35

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5320MHz

16/04/2019



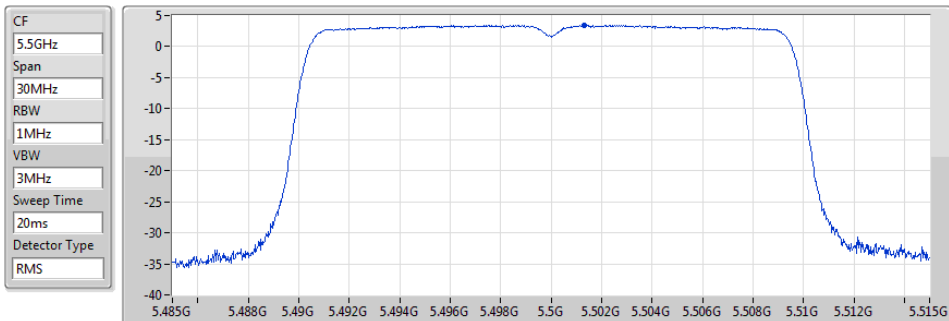
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.11	5.11	5.11

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5500MHz

16/04/2019



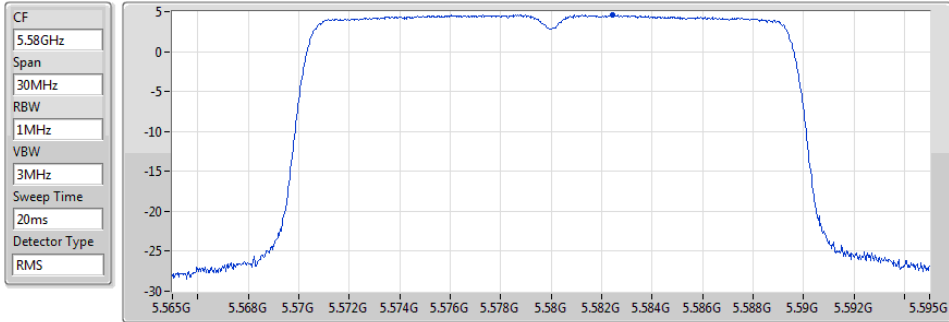
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.43	3.43	3.43

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5580MHz

16/04/2019



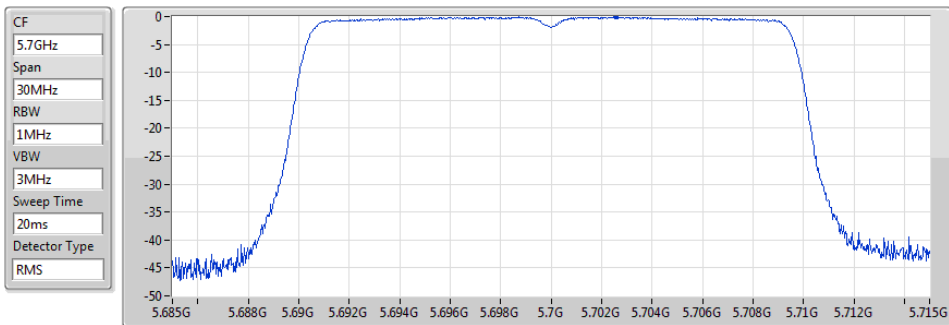
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.63	4.63	4.63

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5700MHz

16/04/2019



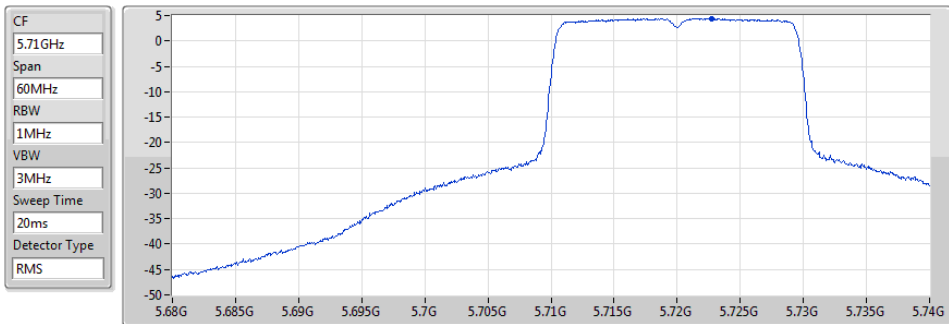
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.09	-0.09	-0.09

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

16/04/2019



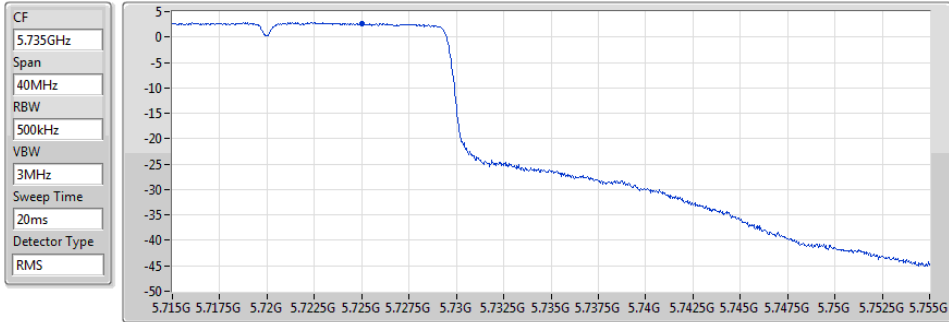
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.44	4.44	4.44

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.725-5.85GHz

16/04/2019



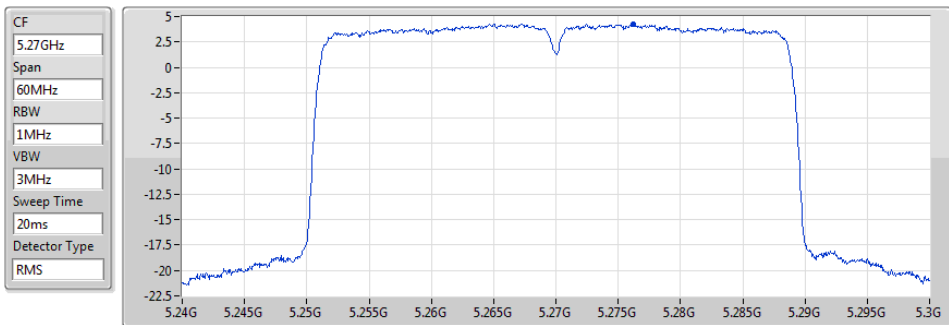
Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
2.63	2.63	2.63

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5270MHz

16/04/2019



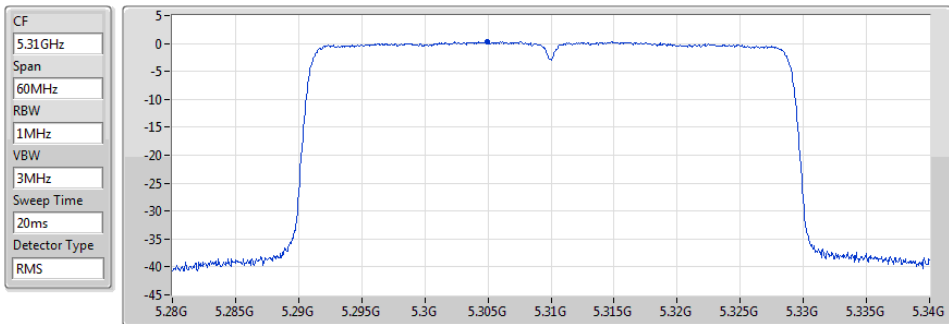
Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
4.28	4.28	4.28

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5310MHz

16/04/2019



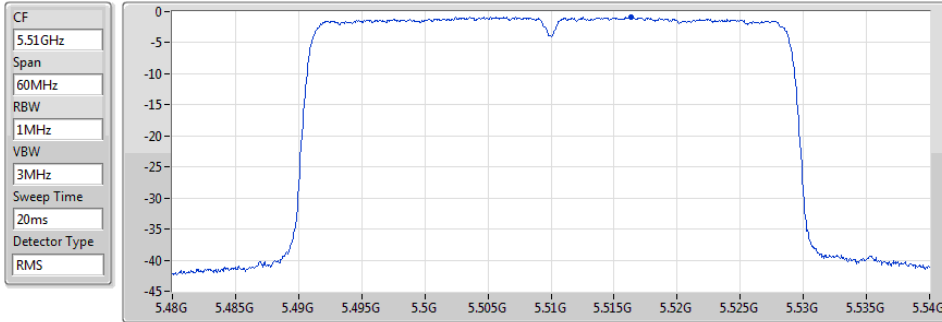
Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
0.33	0.33	0.33

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5510MHz

16/04/2019



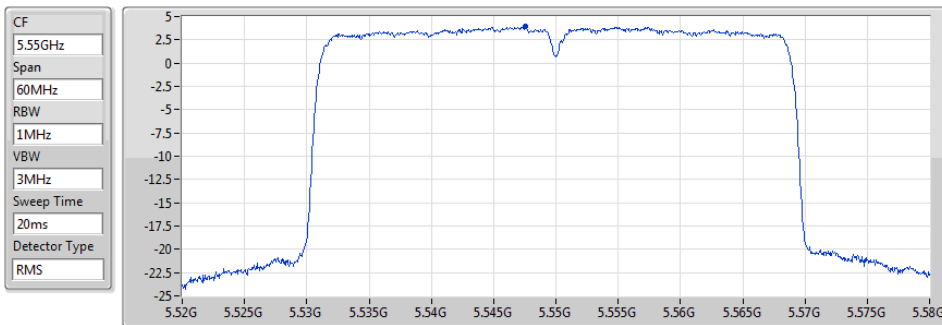
Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-0.90	-0.90	-0.90

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5550MHz

16/04/2019



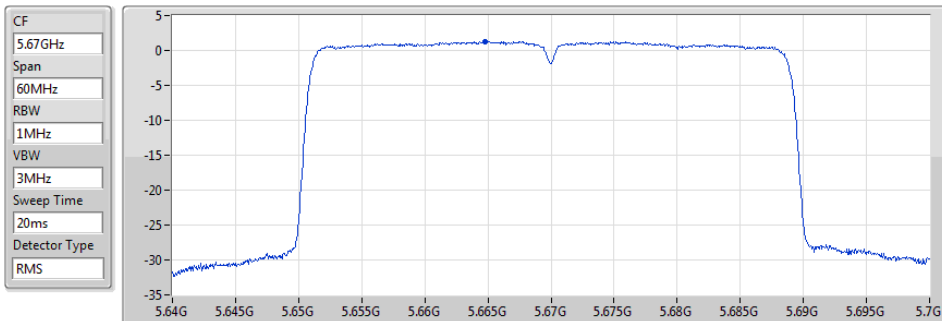
Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
3.89	3.89	3.89

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5670MHz

16/04/2019



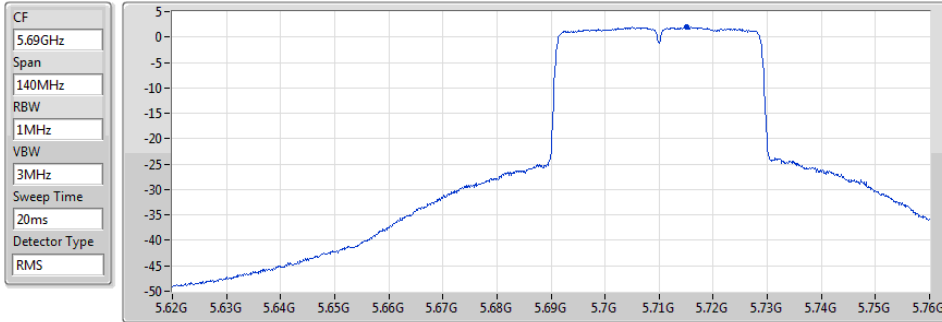
Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
1.29	1.29	1.29

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.47-5.725GHz

16/04/2019



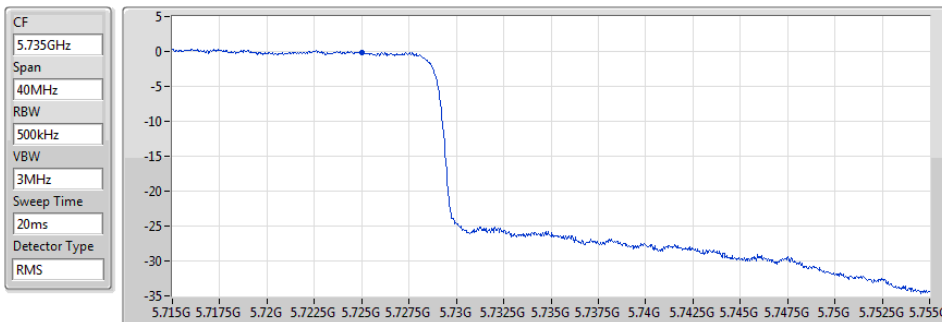
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.96	1.96	1.96

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.725-5.85GHz

16/04/2019



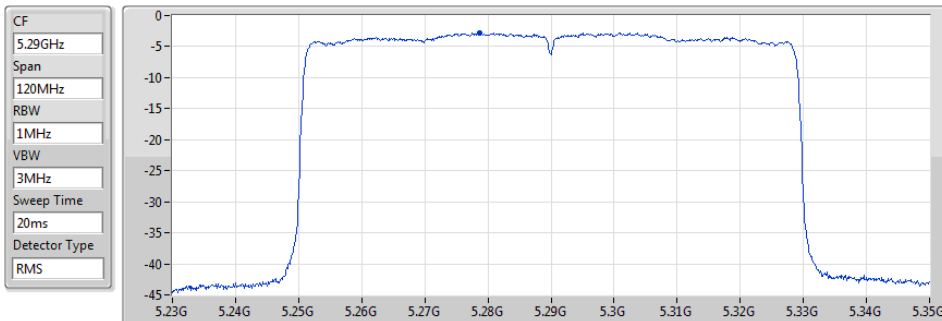
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.11	-0.11	-0.11

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5290MHz

16/04/2019



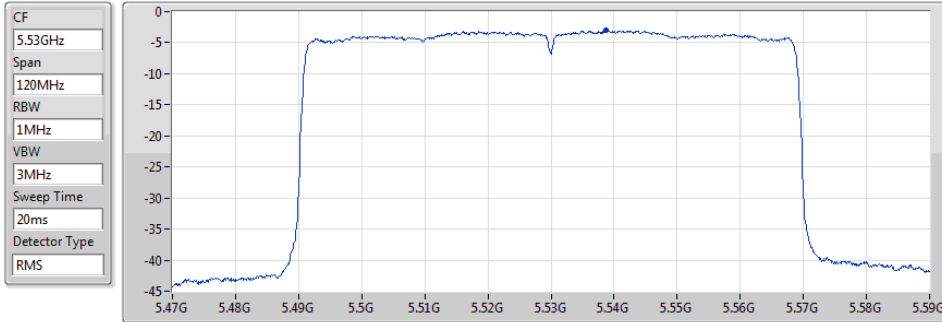
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.80	-2.80	-2.80

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5530MHz

16/04/2019

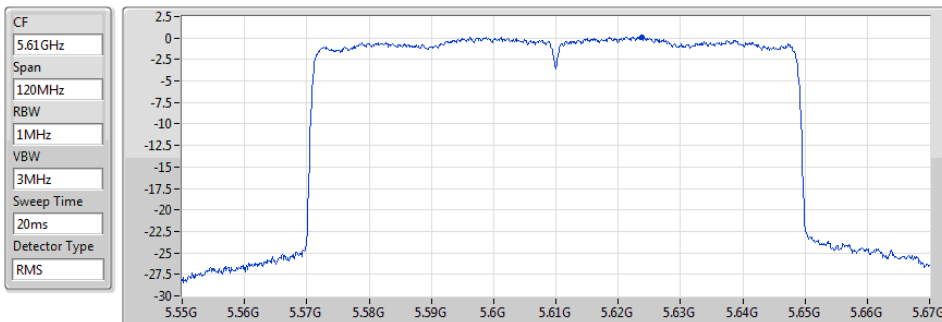


802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5610MHz

16/04/2019

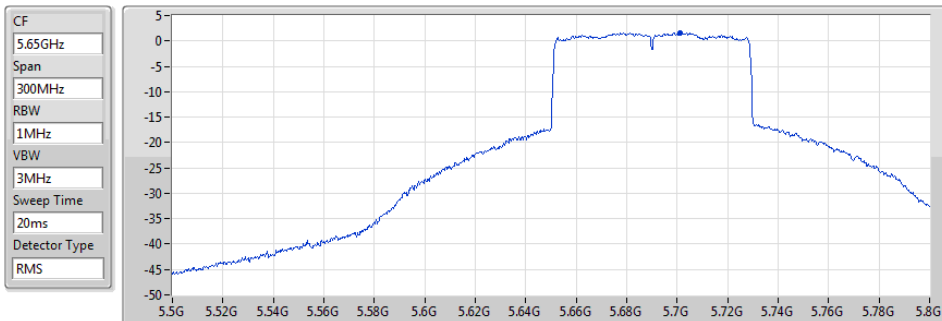


802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.47-5.725GHz

16/04/2019

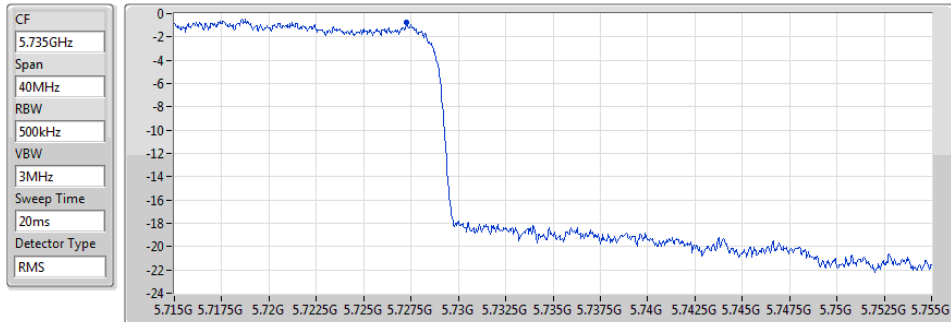


802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.725-5.85GHz

16/04/2019



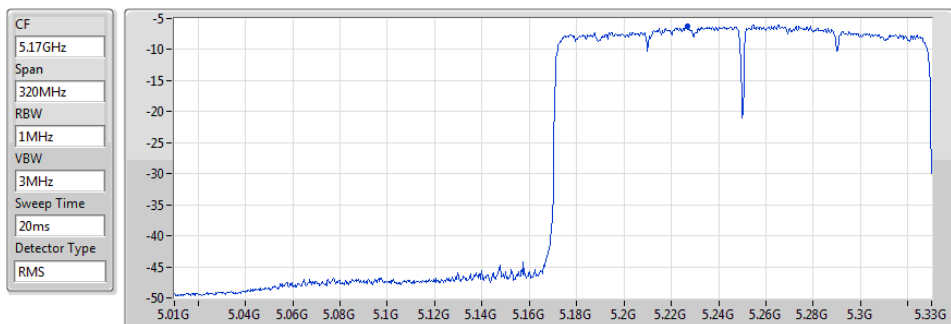
Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-0.78	-0.78	-0.78

802.11ax HEW160_Nss1,(MCS0)_1TX

PSD

5250MHz Straddle 5.15-5.25GHz

16/04/2019



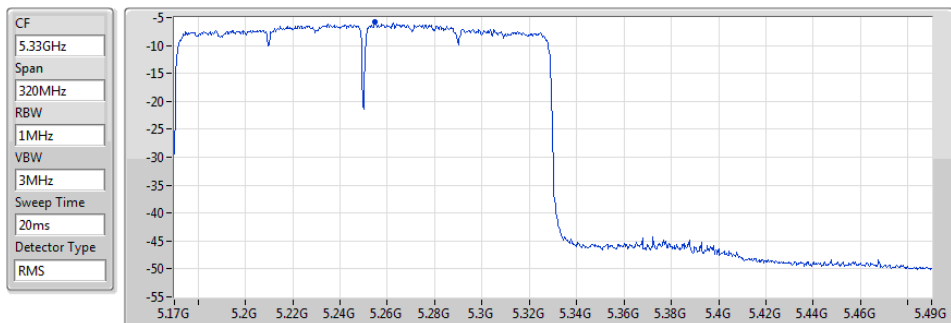
Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-6.29	-6.29	-6.29

802.11ax HEW160_Nss1,(MCS0)_1TX

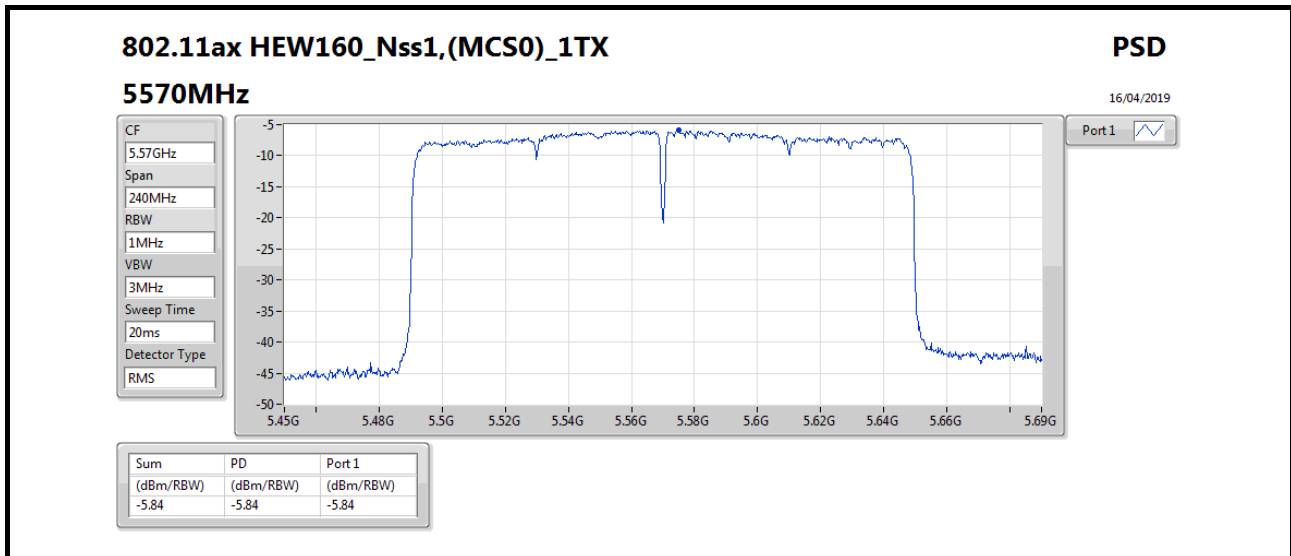
PSD

5250MHz Straddle 5.25-5.35GHz

16/04/2019



Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-5.81	-5.81	-5.81



**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 2 ~ Band 4:
Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW160_Nss2,(MCS0)_2TX	-5.64
5.25-5.35GHz	-
802.11ax HEW20_Nss2,(MCS0)_2TX	7.98
802.11ax HEW40_Nss2,(MCS0)_2TX	5.34
802.11ax HEW80_Nss2,(MCS0)_2TX	-0.96
802.11ax HEW160_Nss2,(MCS0)_2TX	-5.65
5.47-5.725GHz	-
802.11ax HEW20_Nss2,(MCS0)_2TX	7.66
802.11ax HEW40_Nss2,(MCS0)_2TX	5.25
802.11ax HEW80_Nss2,(MCS0)_2TX	2.52
802.11ax HEW160_Nss2,(MCS0)_2TX	-5.81
5.725-5.85GHz	-
802.11ax HEW20_Nss2,(MCS0)_2TX	5.55
802.11ax HEW40_Nss2,(MCS0)_2TX	2.78
802.11ax HEW80_Nss2,(MCS0)_2TX	0.11

RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	8.27	4.80	4.95	7.87	8.73
5300MHz	Pass	8.27	4.86	5.08	7.98	8.73
5320MHz	Pass	8.27	3.35	3.00	6.15	8.73
5500MHz	Pass	8.27	2.80	2.82	5.82	8.73
5580MHz	Pass	8.27	4.59	4.72	7.66	8.73
5700MHz	Pass	8.27	0.75	1.03	3.85	8.73
5720MHz Straddle 5.47-5.725GHz	Pass	8.27	4.33	4.30	7.31	8.73
5720MHz Straddle 5.725-5.85GHz	Pass	8.27	2.74	2.50	5.55	27.73
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	8.27	1.98	2.83	5.34	8.73
5310MHz	Pass	8.27	-0.91	-0.82	2.10	8.73
5510MHz	Pass	8.27	-2.06	-2.26	0.74	8.73
5550MHz	Pass	8.27	1.87	2.67	5.25	8.73
5670MHz	Pass	8.27	-0.29	0.32	2.99	8.73
5710MHz Straddle 5.47-5.725GHz	Pass	8.27	1.72	2.18	4.95	8.73
5710MHz Straddle 5.725-5.85GHz	Pass	8.27	-0.43	-0.02	2.78	27.73
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	8.27	-3.91	-3.83	-0.96	8.73
5530MHz	Pass	8.27	-4.32	-4.36	-1.35	8.73
5610MHz	Pass	8.27	-1.30	-0.94	1.80	8.73
5690MHz Straddle 5.47-5.725GHz	Pass	8.27	-0.35	-0.49	2.52	8.73
5690MHz Straddle 5.725-5.85GHz	Pass	8.27	-2.97	-2.79	0.11	27.73
802.11ax HEW160_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.27	-8.31	-8.74	-5.64	14.73
5250MHz Straddle 5.25-5.35GHz	Pass	8.27	-8.21	-8.81	-5.65	8.73
5570MHz	Pass	8.27	-8.88	-8.50	-5.81	8.73

DG = Directional Gain; **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

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

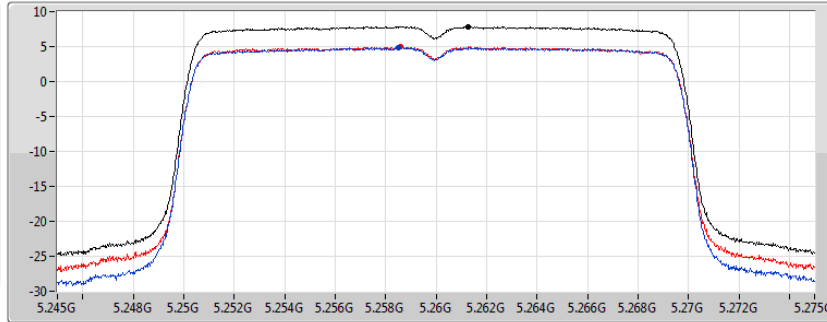
802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5260MHz

16/04/2019

CF
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.87	7.87	4.80	4.95

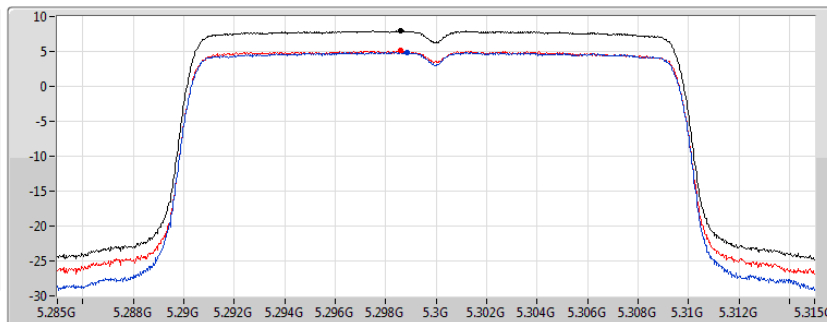
802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5300MHz

16/04/2019

CF
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.98	7.98	4.86	5.08

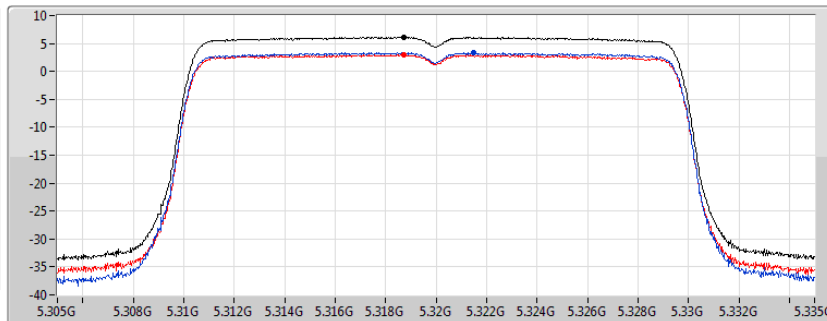
802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5320MHz

16/04/2019

CF
5.32GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.15	6.15	3.35	3.00

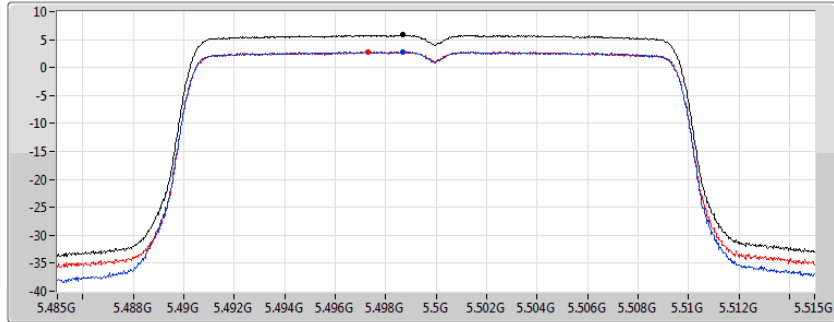
802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5500MHz

16/04/2019

CF
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.82	5.82	2.80	2.82

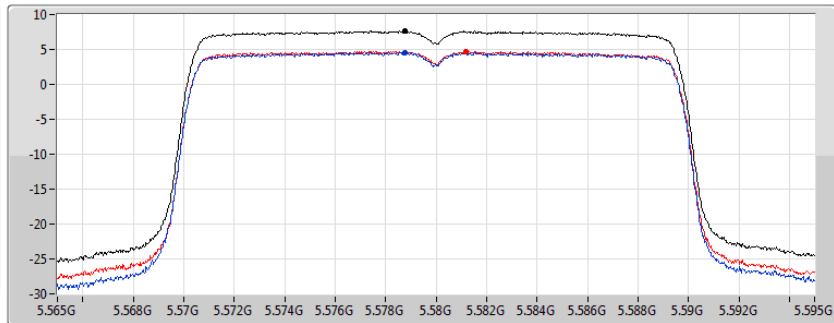
802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5580MHz

16/04/2019

CF
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.66	7.66	4.59	4.72

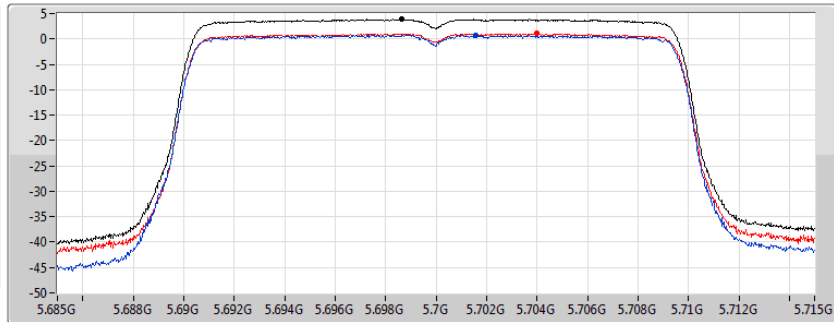
802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5700MHz

16/04/2019

CF
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

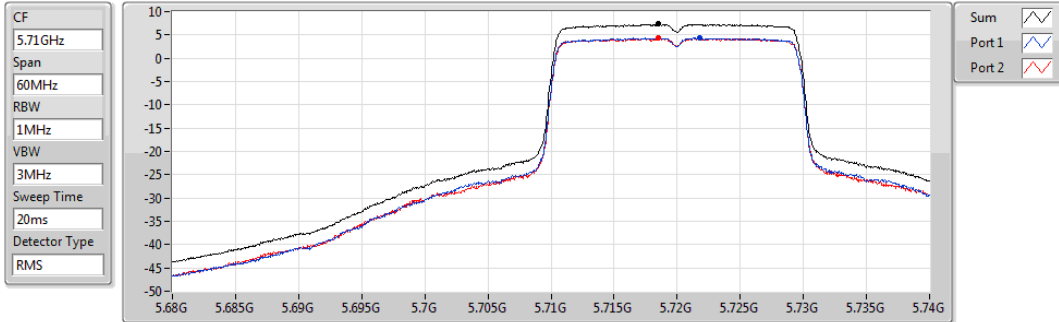
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.85	3.85	0.75	1.03

802.11ax HEW20_Nss2,(MCS0)_2TX

5720MHz Straddle 5.47-5.725GHz

PSD

16/04/2019



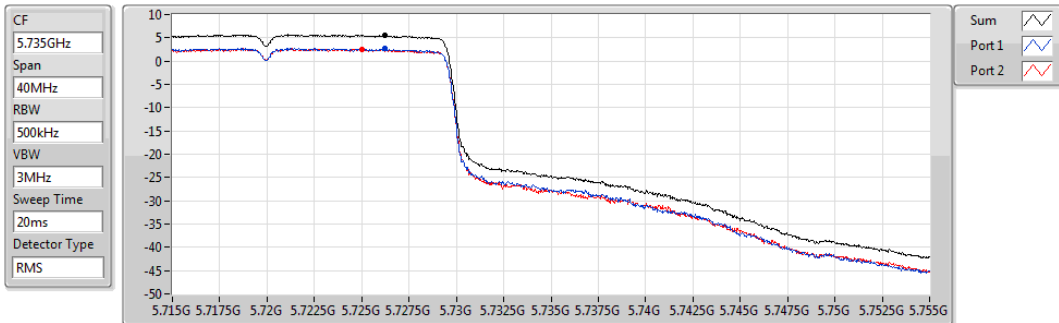
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.31	7.31	4.33	4.30

802.11ax HEW20_Nss2,(MCS0)_2TX

5720MHz Straddle 5.725-5.85GHz

PSD

16/04/2019



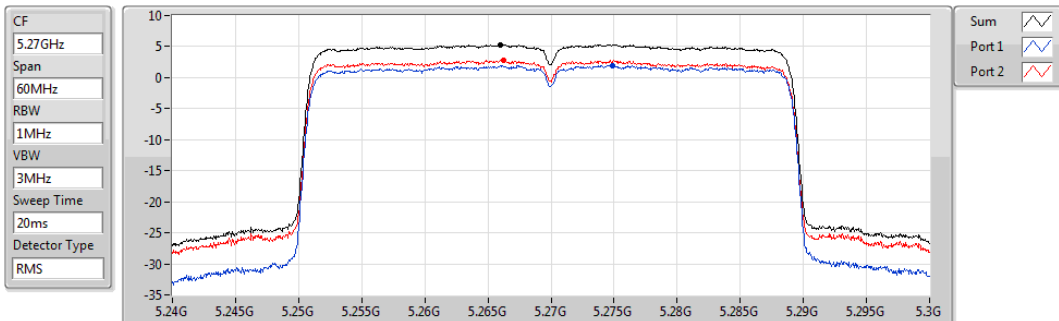
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.55	5.55	2.74	2.50

802.11ax HEW40_Nss2,(MCS0)_2TX

5270MHz

PSD

16/04/2019



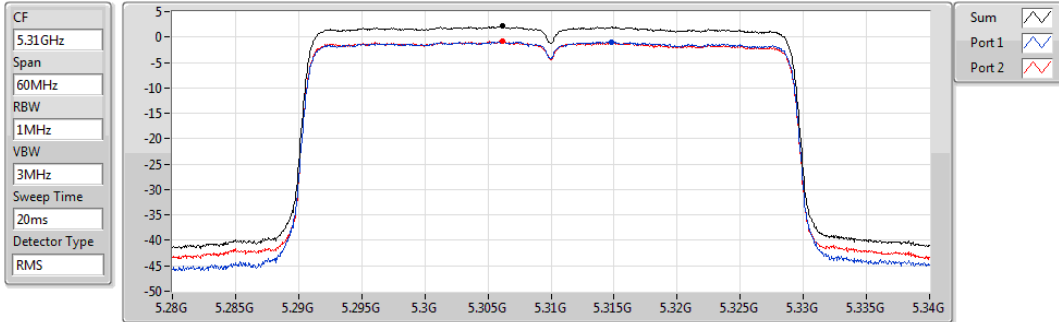
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.34	5.34	1.98	2.83

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5310MHz

16/04/2019

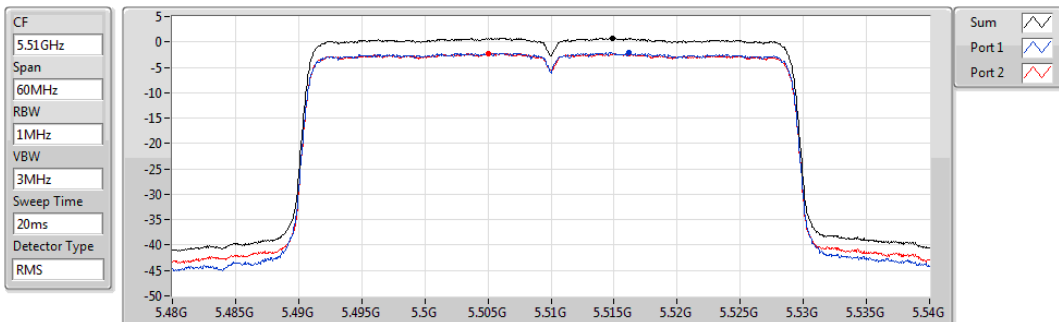


802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5510MHz

16/04/2019

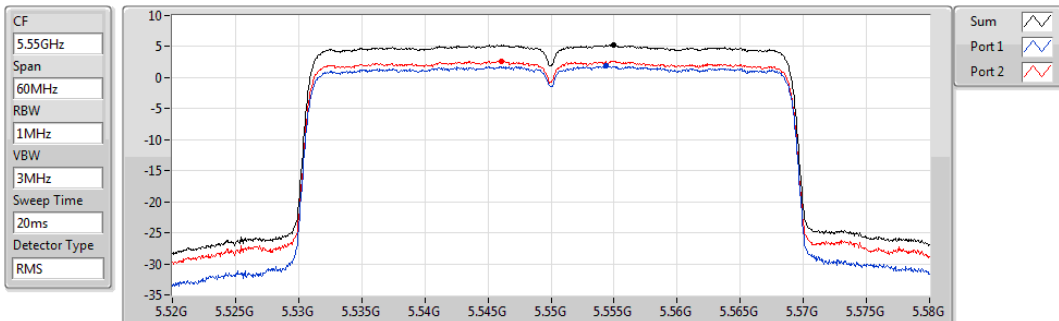


802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5550MHz

16/04/2019

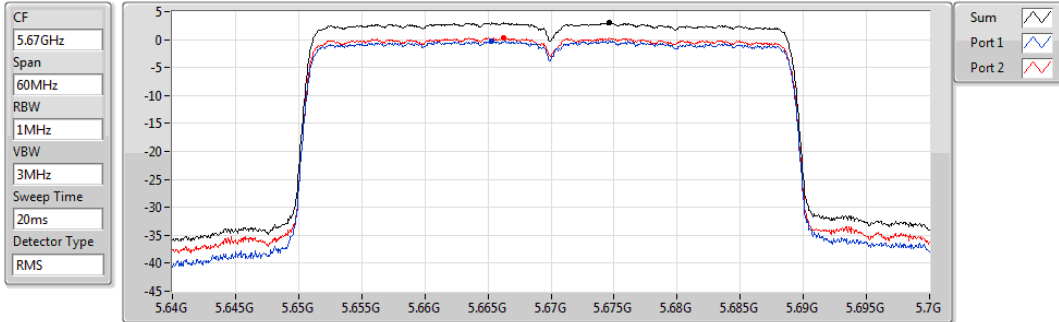


802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5670MHz

16/04/2019



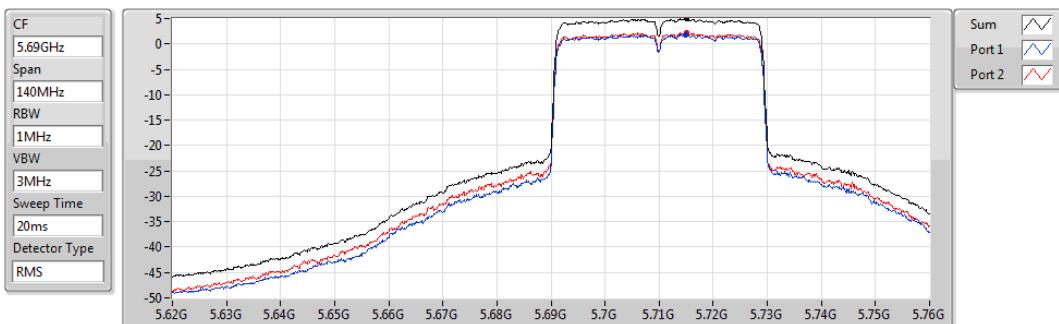
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.99	2.99	-0.29	0.32

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

16/04/2019



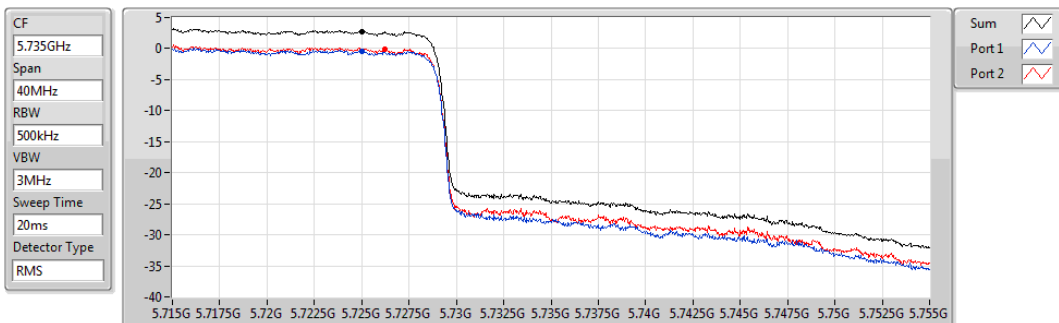
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.95	4.95	1.72	2.18

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5710MHz Straddle 5.725-5.85GHz

16/04/2019



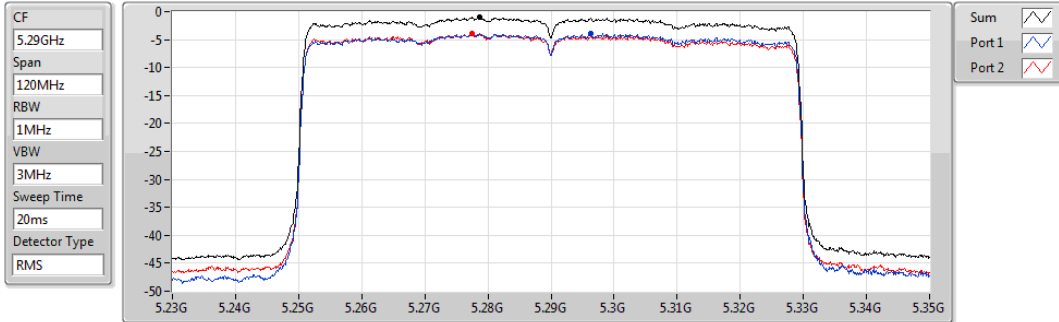
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.78	2.78	-0.43	-0.02

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5290MHz

16/04/2019



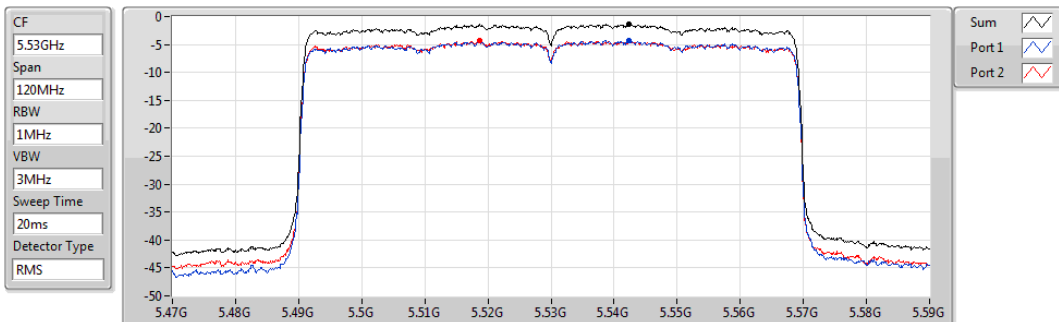
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.96	-0.96	-3.91	-3.83

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5530MHz

16/04/2019



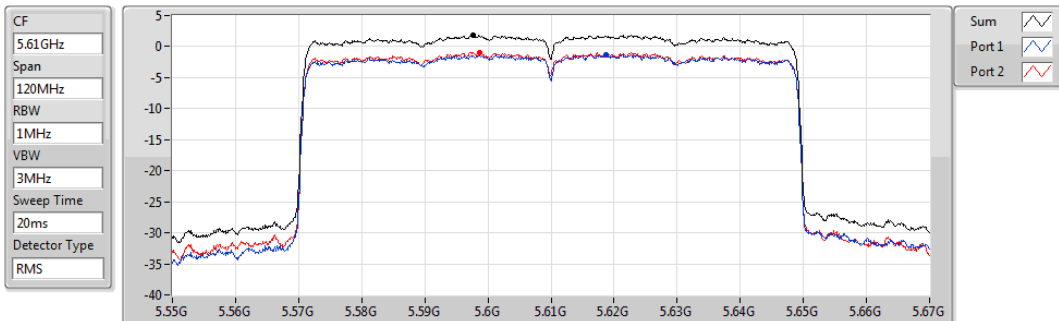
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.35	-1.35	-4.32	-4.36

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5610MHz

16/04/2019



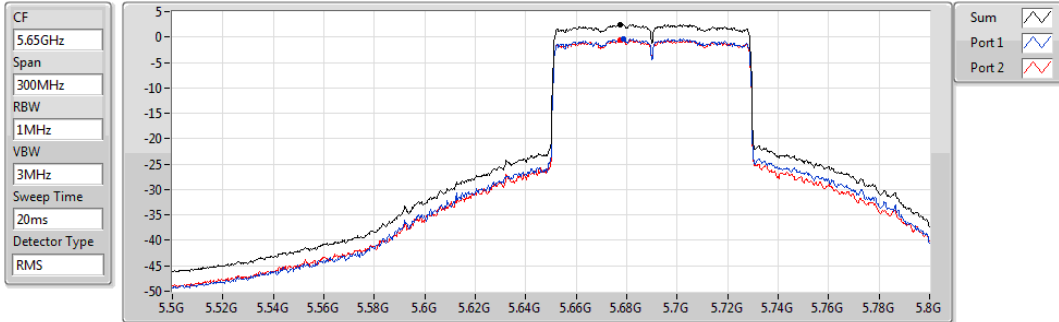
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.80	1.80	-1.30	-0.94

802.11ax HEW80_Nss2,(MCS0)_2TX

5690MHz Straddle 5.47-5.725GHz

PSD

16/04/2019



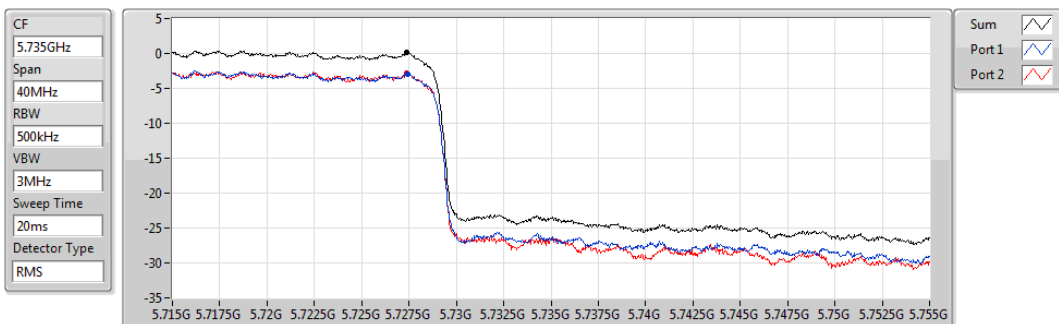
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.52	2.52	-0.35	-0.49

802.11ax HEW80_Nss2,(MCS0)_2TX

5690MHz Straddle 5.725-5.85GHz

PSD

16/04/2019



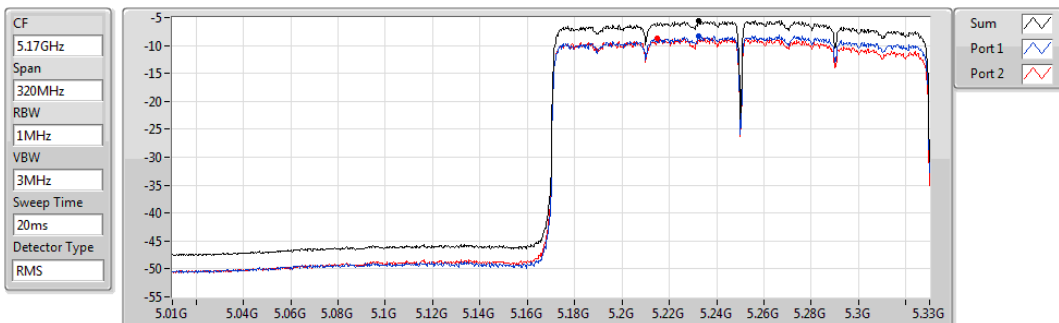
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.11	0.11	-2.97	-2.79

802.11ax HEW160_Nss2,(MCS0)_2TX

5250MHz Straddle 5.15-5.25GHz

PSD

16/04/2019



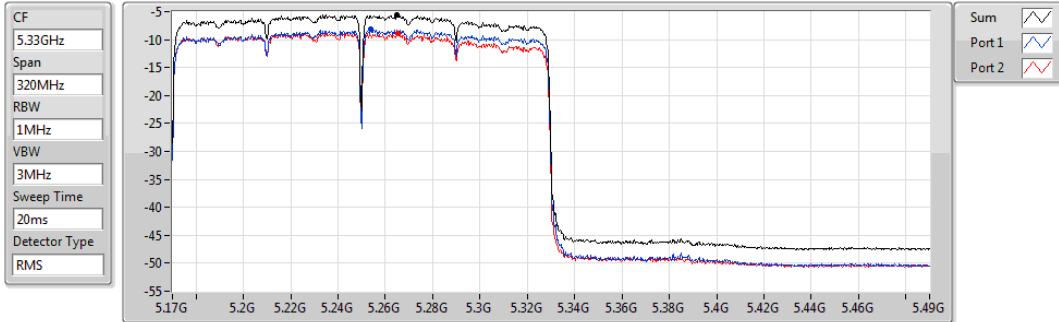
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.64	-5.64	-8.31	-8.74

802.11ax HEW160_Nss2,(MCS0)_2TX

PSD

5250MHz Straddle 5.25-5.35GHz

16/04/2019



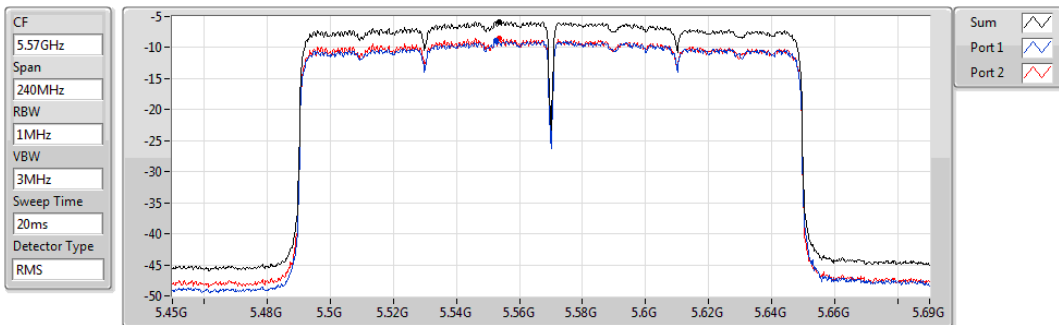
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-5.65	-5.65	-8.21	-8.81

802.11ax HEW160_Nss2,(MCS0)_2TX

PSD

5570MHz

16/04/2019



Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-5.81	-5.81	-8.88	-8.50

**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 2 ~ Band 4:
Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW160_Nss1,(MCS0)_4TX	-3.85
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_4TX	2.67
802.11ax HEW20_Nss1,(MCS0)_4TX	2.67
802.11ax HEW40_Nss1,(MCS0)_4TX	2.55
802.11ax HEW80_Nss1,(MCS0)_4TX	1.07
802.11ax HEW160_Nss1,(MCS0)_4TX	-3.57
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_4TX	2.69
802.11ax HEW20_Nss1,(MCS0)_4TX	2.59
802.11ax HEW40_Nss1,(MCS0)_4TX	2.69
802.11ax HEW80_Nss1,(MCS0)_4TX	2.55
802.11ax HEW160_Nss1,(MCS0)_4TX	-2.38
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	0.73
802.11ax HEW20_Nss1,(MCS0)_4TX	0.86
802.11ax HEW40_Nss1,(MCS0)_4TX	0.62
802.11ax HEW80_Nss1,(MCS0)_4TX	-0.37

RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

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)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	14.29	-2.90	-3.75	-2.65	-3.77	2.65	2.71
5300MHz	Pass	14.29	-3.26	-3.68	-2.34	-3.76	2.67	2.71
5320MHz	Pass	14.29	-3.15	-3.77	-2.25	-3.84	2.63	2.71
5500MHz	Pass	14.29	-3.67	-3.87	-2.45	-3.20	2.68	2.71
5580MHz	Pass	14.29	-4.22	-3.75	-2.55	-3.12	2.53	2.71
5700MHz	Pass	14.29	-3.67	-3.45	-2.61	-3.33	2.67	2.71
5720MHz Straddle 5.47-5.725GHz	Pass	14.29	-3.76	-3.73	-2.19	-3.29	2.69	2.71
5720MHz Straddle 5.725-5.85GHz	Pass	14.29	-5.49	-5.65	-4.33	-5.39	0.73	21.71
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	14.29	-3.36	-3.57	-2.36	-3.95	2.67	2.71
5300MHz	Pass	14.29	-3.11	-4.08	-2.52	-3.81	2.61	2.71
5320MHz	Pass	14.29	-3.16	-4.16	-2.40	-3.70	2.65	2.71
5500MHz	Pass	14.29	-3.74	-4.26	-2.54	-3.31	2.55	2.71
5580MHz	Pass	14.29	-3.89	-3.89	-2.29	-3.61	2.56	2.71
5700MHz	Pass	14.29	-3.76	-3.69	-3.08	-3.16	2.54	2.71
5720MHz Straddle 5.47-5.725GHz	Pass	14.29	-3.46	-4.09	-2.71	-3.14	2.59	2.71
5720MHz Straddle 5.725-5.85GHz	Pass	14.29	-5.10	-5.76	-4.43	-5.09	0.86	21.71
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	14.29	-3.21	-3.71	-2.85	-3.73	2.55	2.71
5310MHz	Pass	14.29	-3.43	-3.30	-3.11	-3.93	2.51	2.71
5510MHz	Pass	14.29	-3.87	-3.83	-3.77	-3.13	2.35	2.71
5550MHz	Pass	14.29	-3.64	-3.40	-3.39	-2.95	2.59	2.71
5670MHz	Pass	14.29	-3.98	-4.11	-2.48	-2.83	2.63	2.71
5710MHz Straddle 5.47-5.725GHz	Pass	14.29	-4.09	-3.82	-2.52	-2.79	2.69	2.71
5710MHz Straddle 5.725-5.85GHz	Pass	14.29	-6.15	-5.78	-4.49	-4.98	0.62	21.71
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	14.29	-4.64	-4.77	-4.72	-5.43	1.07	2.71
5530MHz	Pass	14.29	-5.97	-5.98	-5.03	-5.27	0.36	2.71
5610MHz	Pass	14.29	-4.08	-4.03	-3.31	-2.97	2.36	2.71
5690MHz Straddle 5.47-5.725GHz	Pass	14.29	-3.92	-4.15	-2.86	-2.97	2.55	2.71
5690MHz Straddle 5.725-5.85GHz	Pass	14.29	-6.83	-6.76	-5.97	-5.64	-0.37	21.71
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	14.29	-9.55	-10.12	-9.60	-9.83	-3.85	8.71
5250MHz Straddle 5.25-5.35GHz	Pass	14.29	-9.29	-10.05	-9.31	-9.44	-3.57	2.71
5570MHz	Pass	14.29	-8.58	-8.73	-7.98	-7.85	-2.38	2.71

DG = Directional Gain; **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

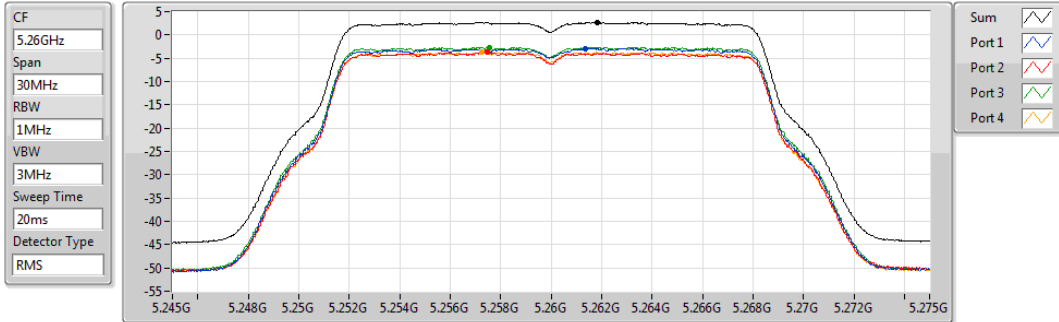
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port Xpower density;

802.11a_Nss1,(6Mbps)_4TX

PSD

5260MHz

15/04/2019



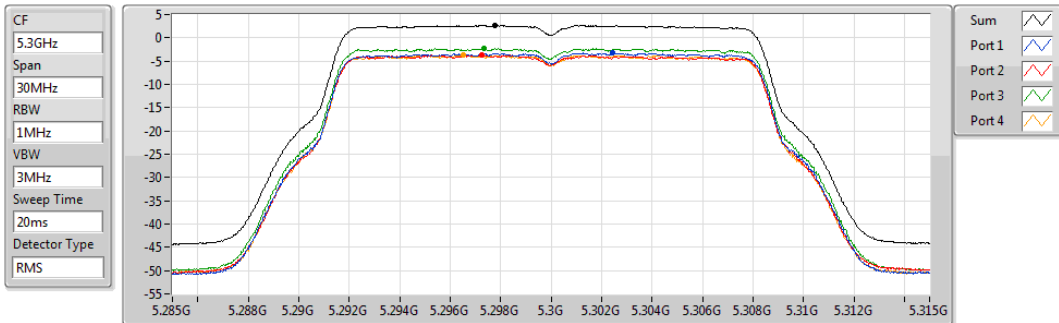
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.65	2.65	-2.90	-3.75	-2.65	-3.77

802.11a_Nss1,(6Mbps)_4TX

PSD

5300MHz

15/04/2019



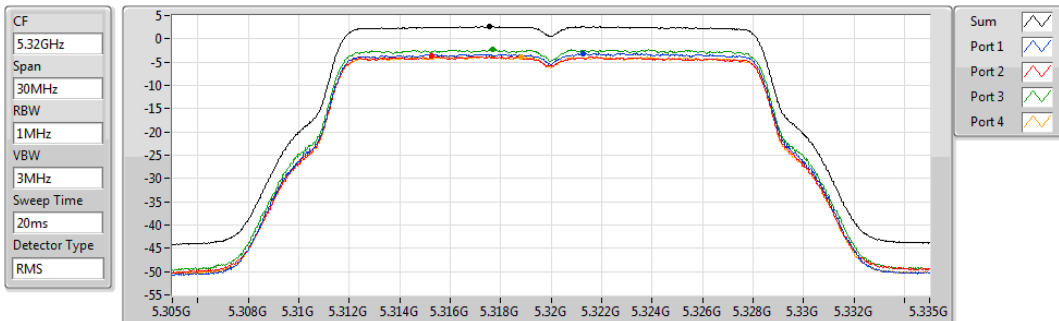
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.67	2.67	-3.26	-3.68	-2.34	-3.76

802.11a_Nss1,(6Mbps)_4TX

PSD

5320MHz

15/04/2019



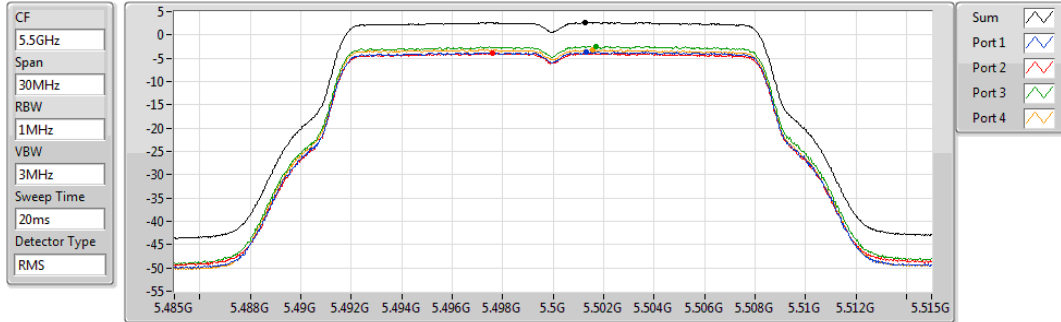
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.63	2.63	-3.15	-3.77	-2.25	-3.84

802.11a_Nss1,(6Mbps)_4TX

PSD

5500MHz

15/04/2019



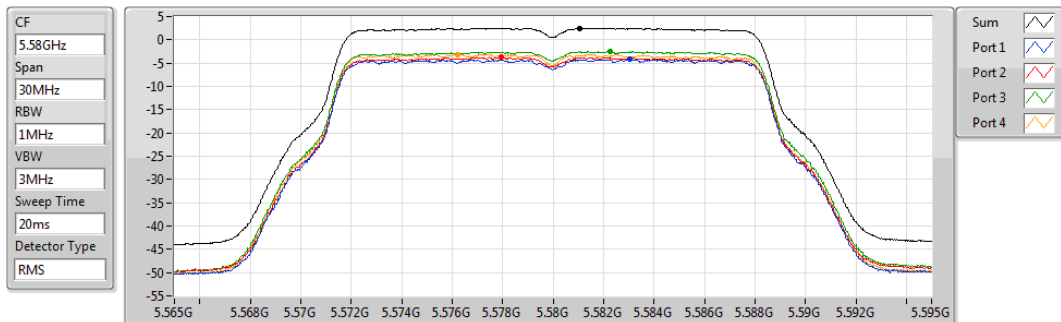
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.68	2.68	-3.67	-3.87	-2.45	-3.20

802.11a_Nss1,(6Mbps)_4TX

PSD

5580MHz

15/04/2019



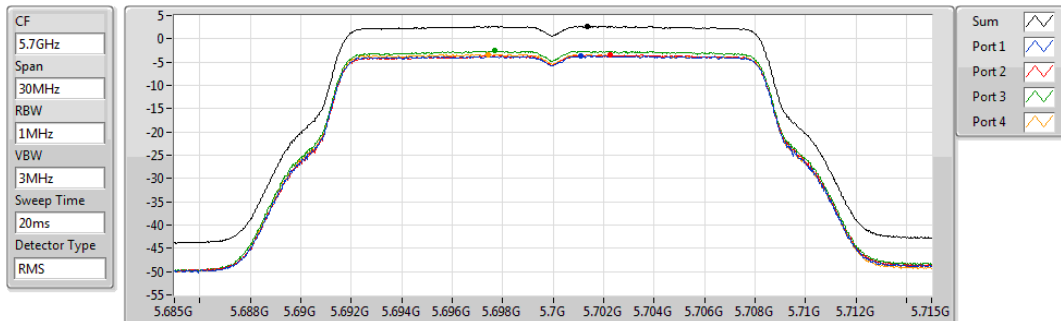
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.53	2.53	-4.22	-3.75	-2.55	-3.12

802.11a_Nss1,(6Mbps)_4TX

PSD

5700MHz

15/04/2019



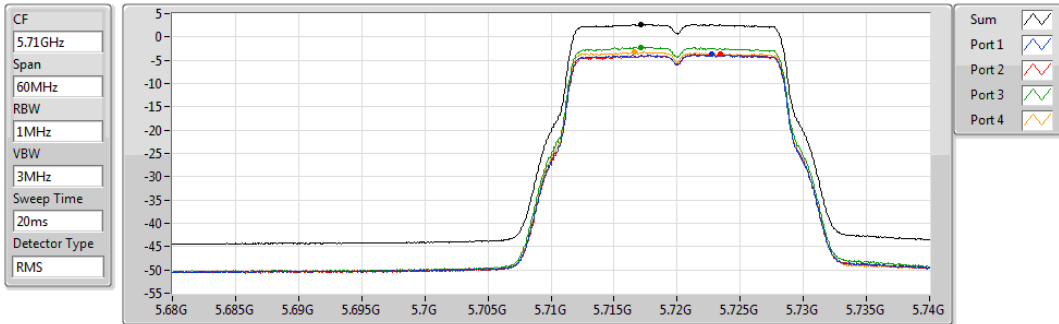
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.67	2.67	-3.67	-3.45	-2.61	-3.33

802.11a_Nss1,(6Mbps)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

15/04/2019



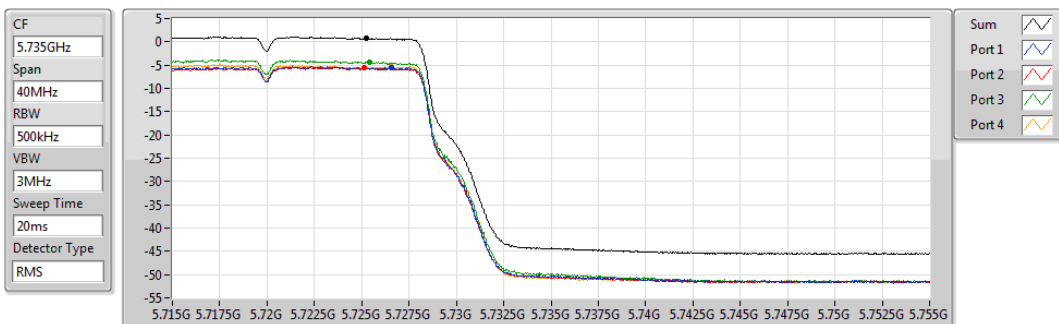
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
2.69	2.69	-3.76	-3.73	-2.19	-3.29

802.11a_Nss1,(6Mbps)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

15/04/2019



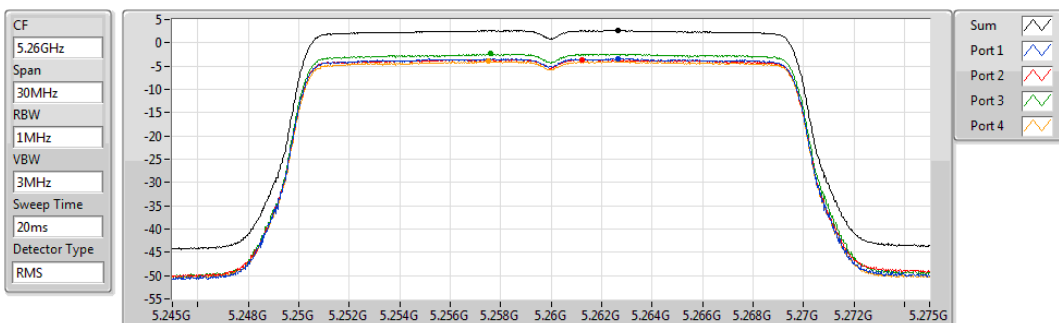
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
0.73	0.73	-5.49	-5.65	-4.33	-5.39

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5260MHz

15/04/2019



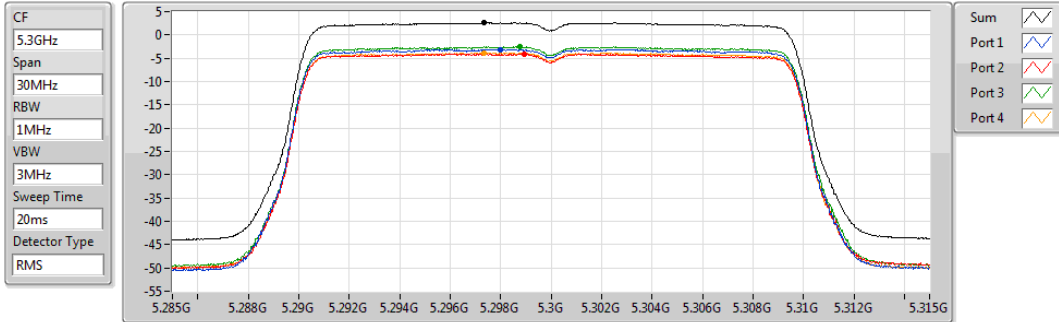
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
2.67	2.67	-3.36	-3.57	-2.36	-3.95

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5300MHz

15/04/2019

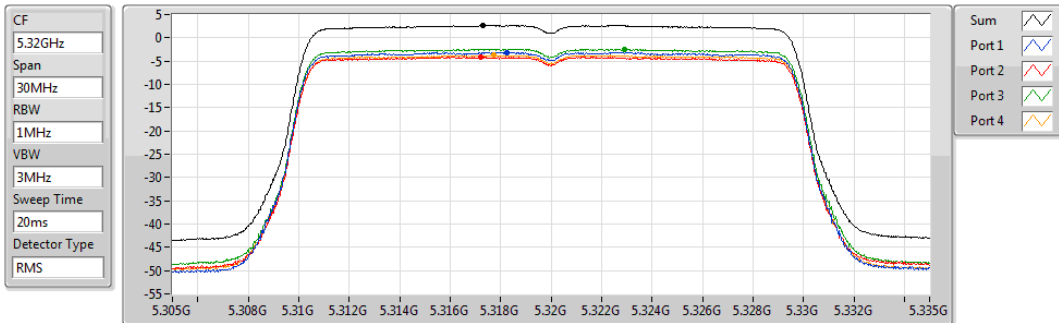


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5320MHz

15/04/2019

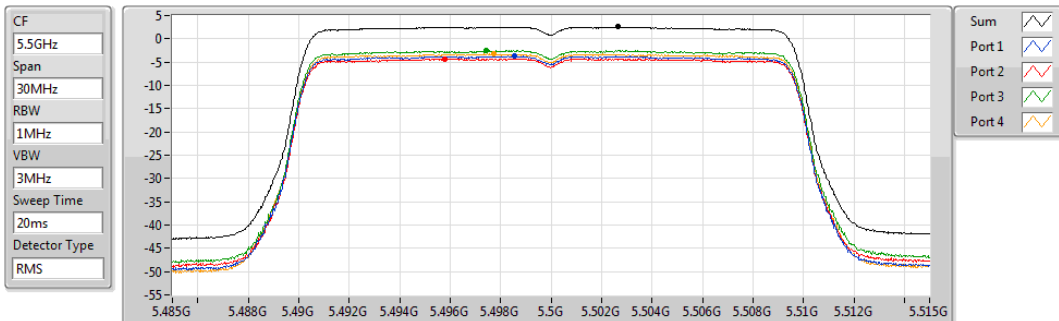


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5500MHz

15/04/2019

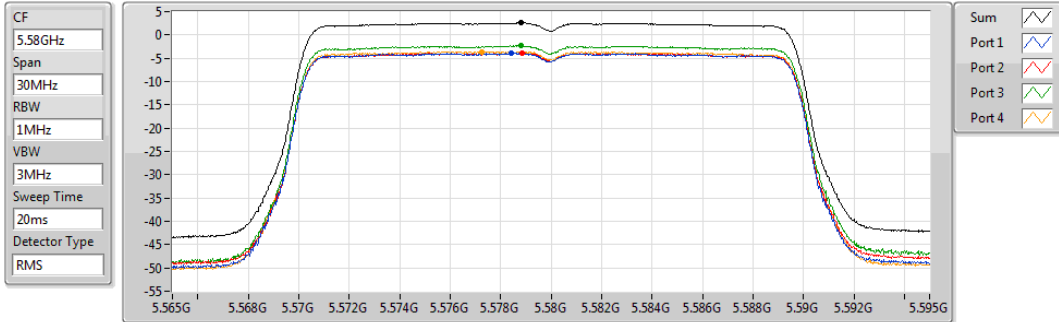


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5580MHz

15/04/2019



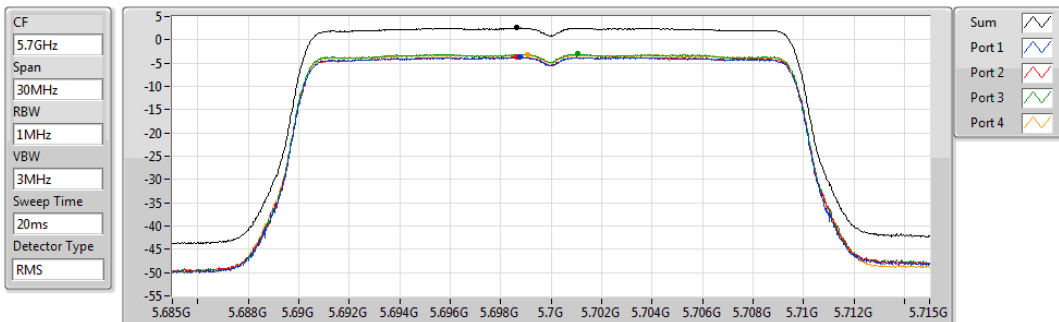
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.56	2.56	-3.89	-3.89	-2.29	-3.61

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5700MHz

15/04/2019



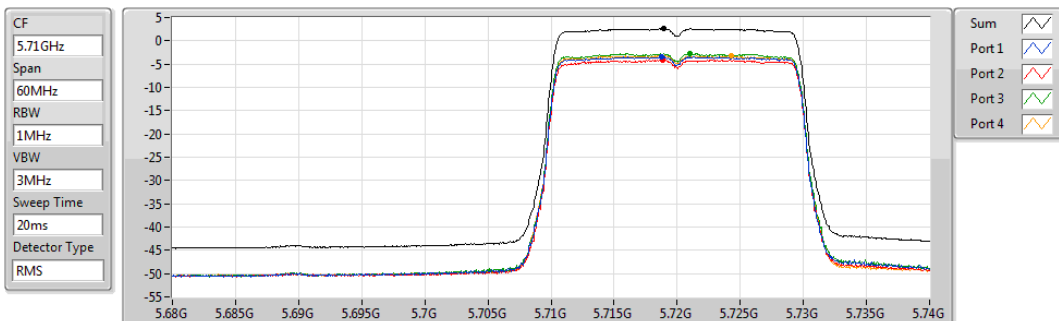
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.54	2.54	-3.76	-3.69	-3.08	-3.16

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

15/04/2019



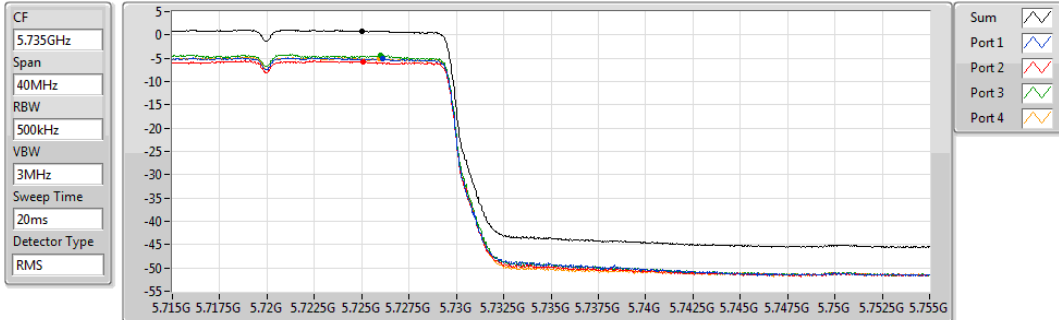
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.59	2.59	-3.46	-4.09	-2.71	-3.14

802.11ax HEW20_Nss1,(MCS0)_4TX

5720MHz Straddle 5.725-5.85GHz

PSD

15/04/2019



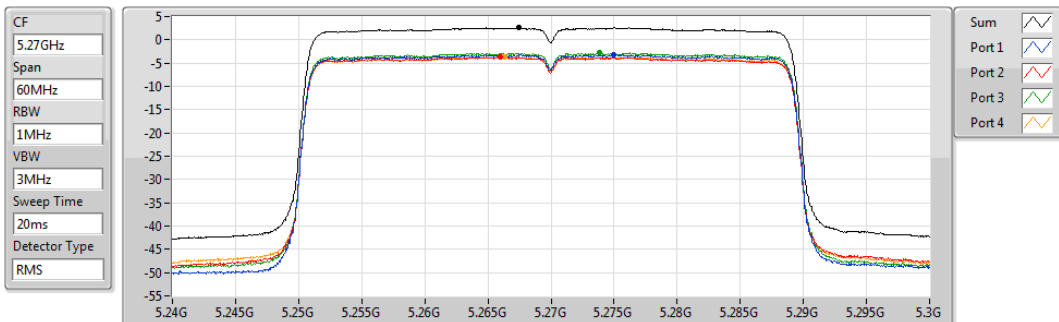
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.86	0.86	-5.10	-5.76	-4.43	-5.09

802.11ax HEW40_Nss1,(MCS0)_4TX

5270MHz

PSD

15/04/2019



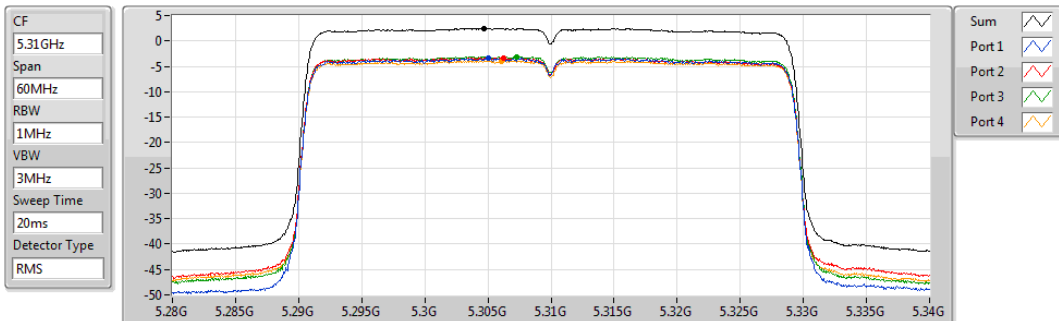
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.55	2.55	-3.21	-3.71	-2.85	-3.73

802.11ax HEW40_Nss1,(MCS0)_4TX

5310MHz

PSD

15/04/2019



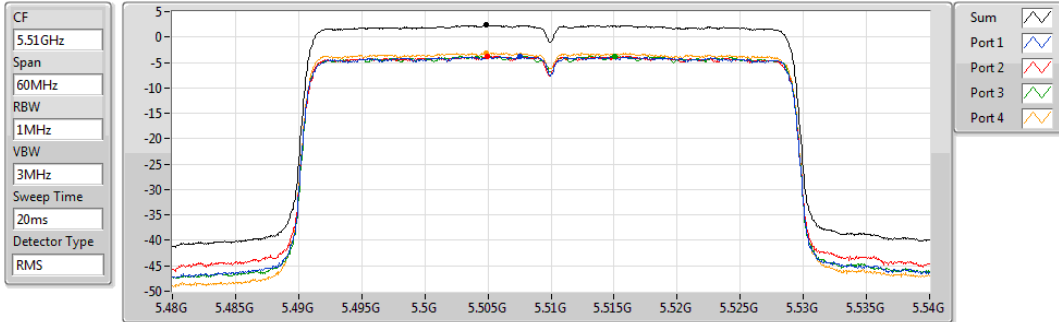
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.51	2.51	-3.43	-3.30	-3.11	-3.93

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5510MHz

15/04/2019



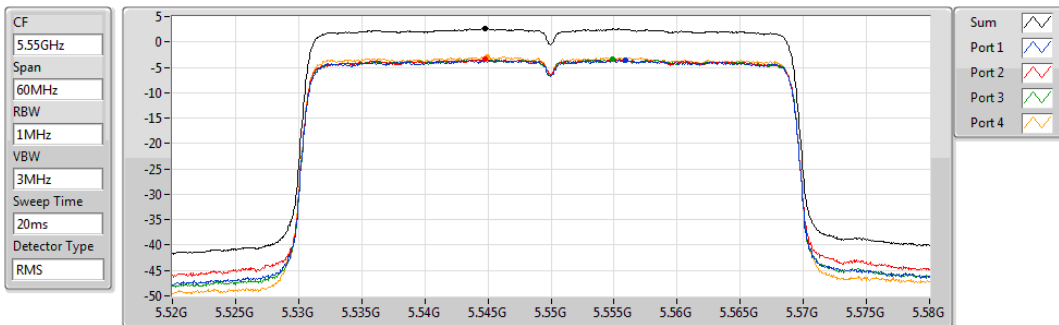
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.35	2.35	-3.87	-3.83	-3.77	-3.13

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5550MHz

15/04/2019



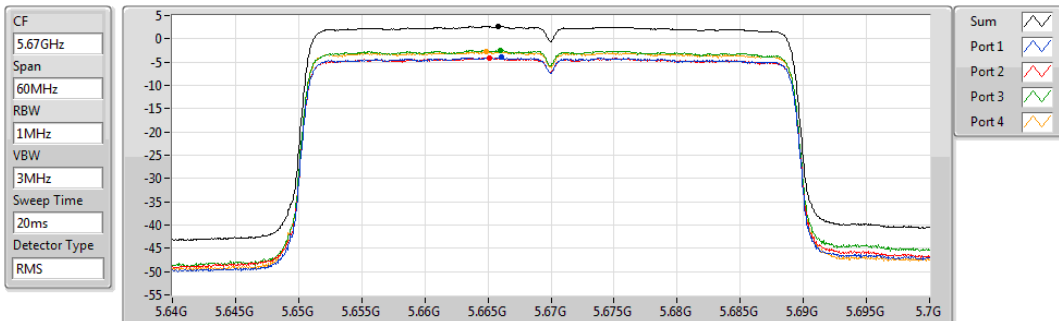
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.59	2.59	-3.64	-3.40	-3.39	-2.95

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5670MHz

15/04/2019



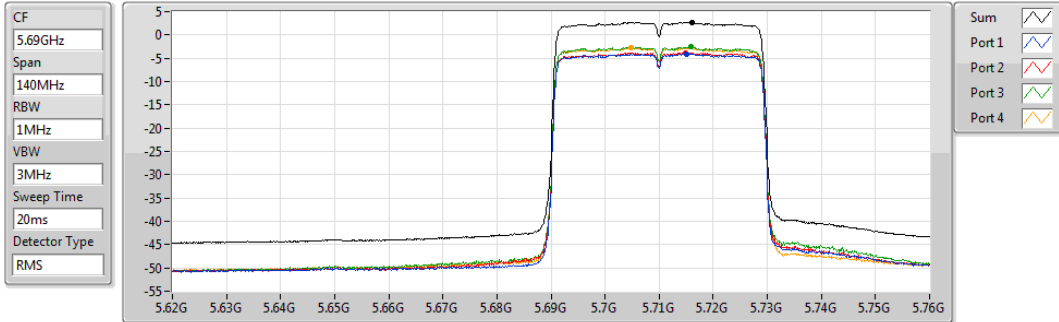
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.63	2.63	-3.98	-4.11	-2.48	-2.83

802.11ax HEW40_Nss1,(MCS0)_4TX

5710MHz Straddle 5.47-5.725GHz

PSD

15/04/2019



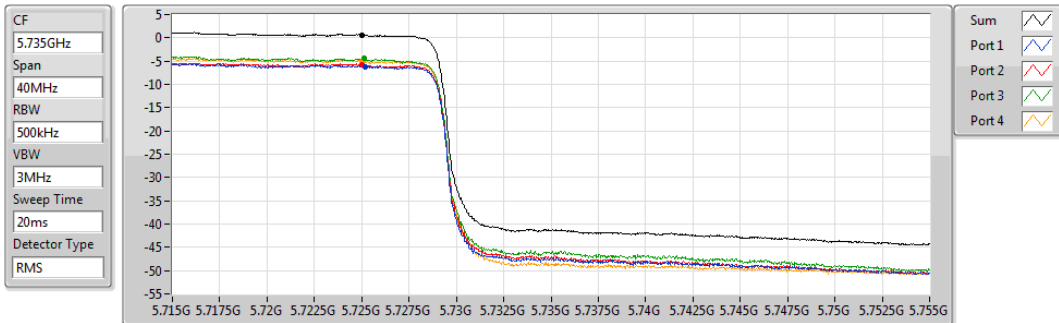
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.69	2.69	-4.09	-3.82	-2.52	-2.79

802.11ax HEW40_Nss1,(MCS0)_4TX

5710MHz Straddle 5.725-5.85GHz

PSD

15/04/2019



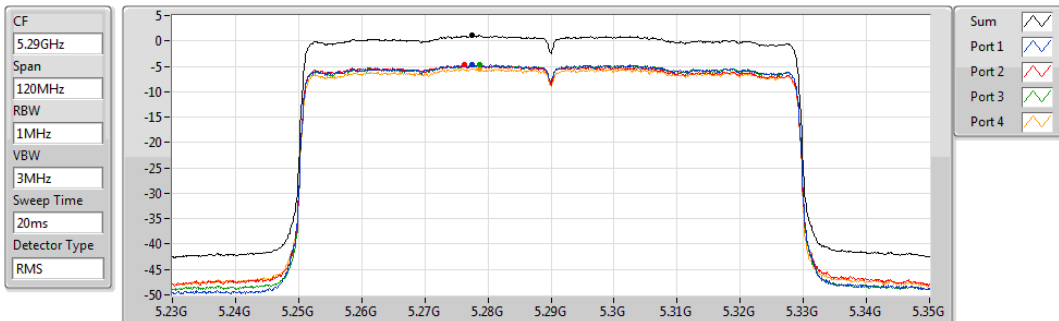
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.62	0.62	-6.15	-5.78	-4.49	-4.98

802.11ax HEW80_Nss1,(MCS0)_4TX

5290MHz

PSD

15/04/2019



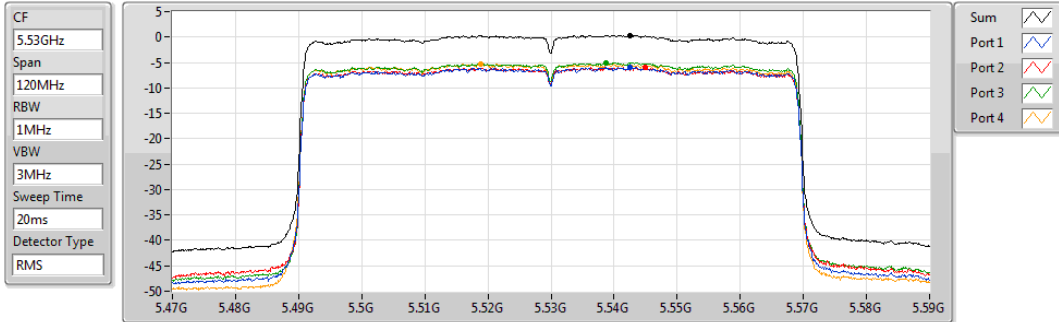
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.07	1.07	-4.64	-4.77	-4.72	-5.43

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5530MHz

15/04/2019



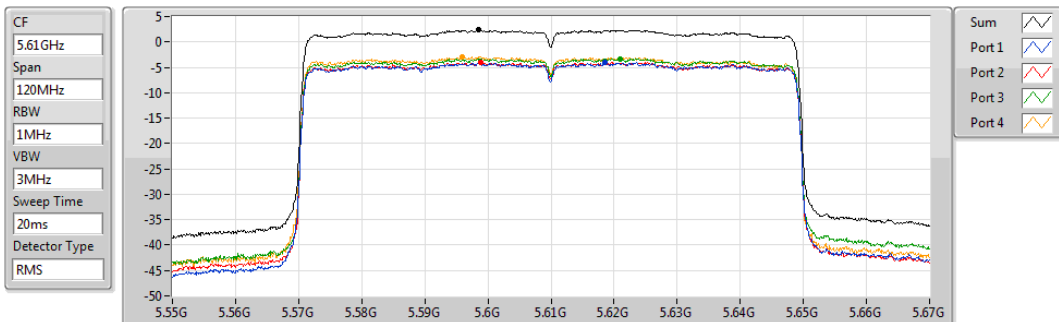
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.36	0.36	-5.97	-5.98	-5.03	-5.27

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5610MHz

15/04/2019



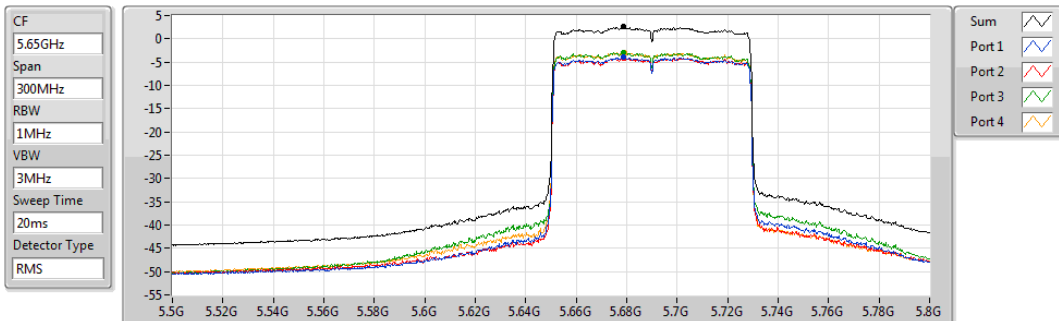
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.36	2.36	-4.08	-4.03	-3.31	-2.97

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

15/04/2019



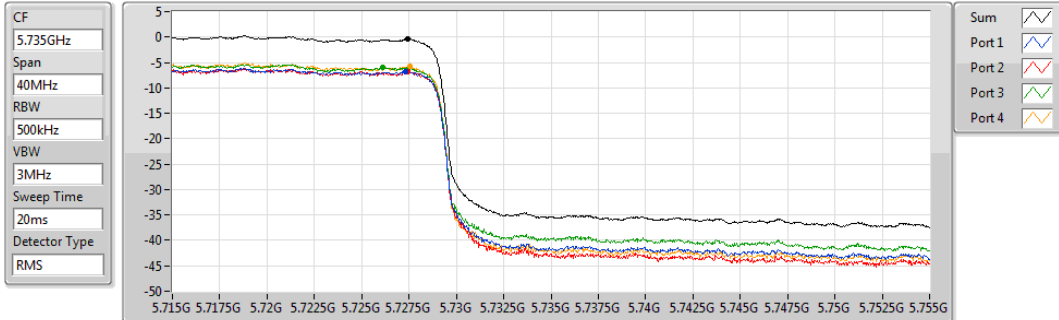
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.55	2.55	-3.92	-4.15	-2.86	-2.97

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

15/04/2019



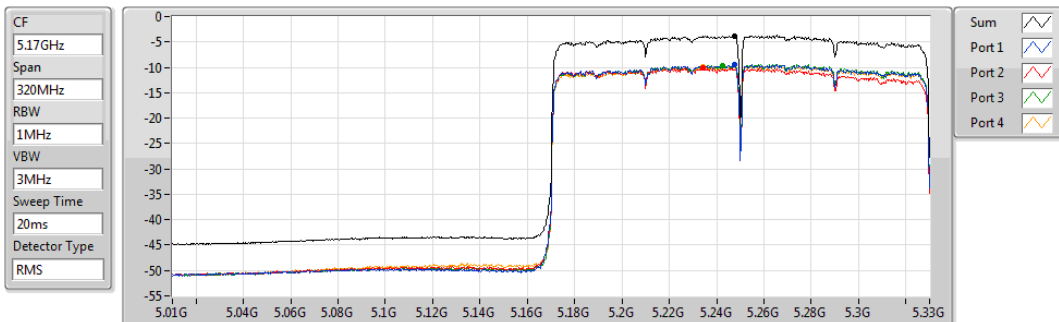
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.37	-0.37	-6.83	-6.76	-5.97	-5.64

802.11ax HEW160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

15/04/2019



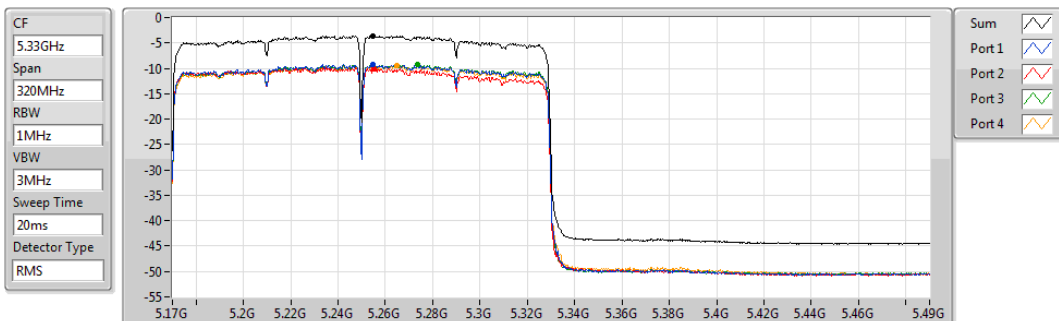
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.85	-3.85	-9.55	-10.12	-9.60	-9.83

802.11ax HEW160_Nss1,(MCS0)_4TX

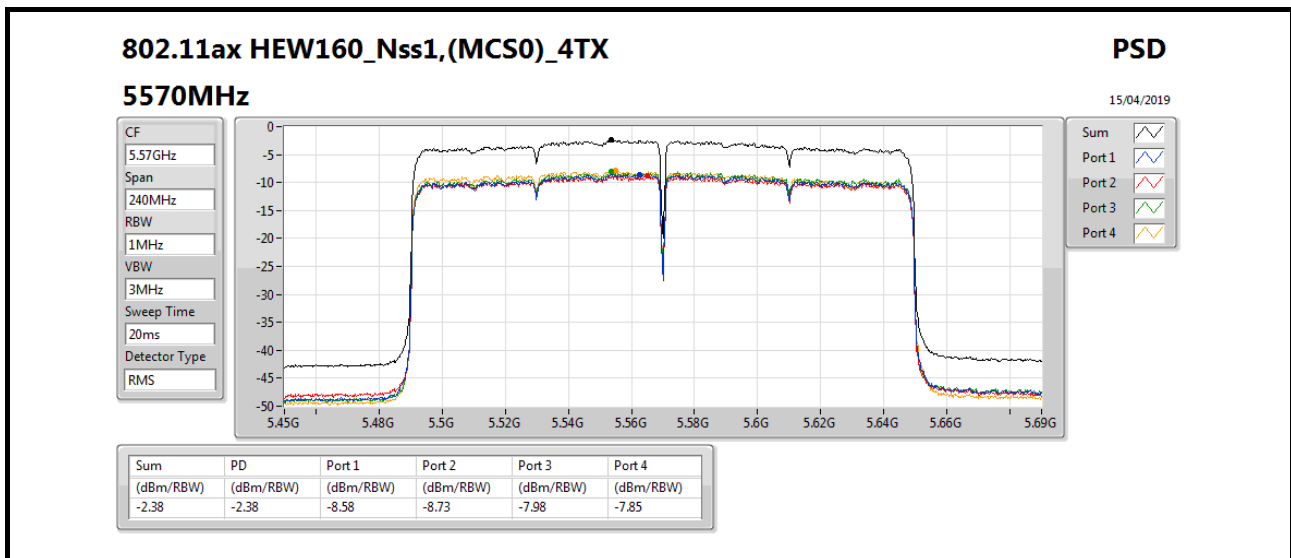
PSD

5250MHz Straddle 5.25-5.35GHz

15/04/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.57	-3.57	-9.29	-10.05	-9.31	-9.44



**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 2 ~ Band 4:
Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-5.63
5.25-5.35GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	1.79
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-0.90
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-3.71
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-5.52
5.47-5.725GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	2.11
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-0.51
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-3.54
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-6.46
5.725-5.85GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	0.38
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-2.45
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-6.15

RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

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	-	-	-	-	-	-	-	-
5260MHz	Pass	14.29	-4.09	-4.87	-3.47	-5.14	1.62	2.71
5300MHz	Pass	14.29	-3.99	-4.87	-3.13	-4.87	1.79	2.71
5320MHz	Pass	14.29	-3.87	-4.86	-3.35	-5.04	1.72	2.71
5500MHz	Pass	14.29	-4.72	-4.54	-3.46	-4.27	1.72	2.71
5580MHz	Pass	14.29	-4.65	-4.82	-2.89	-4.29	1.83	2.71
5700MHz	Pass	14.29	-4.46	-4.95	-3.43	-4.02	1.78	2.71
5720MHz Straddle 5.47-5.725GHz	Pass	14.29	-4.13	-4.44	-3.08	-3.81	2.11	2.71
5720MHz Straddle 5.725-5.85GHz	Pass	14.29	-5.82	-6.12	-4.83	-5.56	0.38	21.71
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	14.29	-6.89	-7.20	-6.03	-7.29	-0.90	2.71
5310MHz	Pass	14.29	-6.86	-7.10	-6.10	-7.43	-0.92	2.71
5510MHz	Pass	14.29	-7.15	-7.11	-6.72	-6.59	-0.97	2.71
5550MHz	Pass	14.29	-7.27	-7.61	-6.58	-6.64	-1.09	2.71
5670MHz	Pass	14.29	-7.73	-7.53	-5.97	-6.27	-0.85	2.71
5710MHz Straddle 5.47-5.725GHz	Pass	14.29	-7.06	-7.27	-5.31	-6.24	-0.51	2.71
5710MHz Straddle 5.725-5.85GHz	Pass	14.29	-8.80	-9.27	-7.38	-8.42	-2.45	21.71
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	14.29	-9.62	-10.03	-8.85	-10.20	-3.71	2.71
5530MHz	Pass	14.29	-10.31	-10.48	-8.76	-9.46	-3.78	2.71
5610MHz	Pass	14.29	-9.99	-10.06	-9.17	-9.76	-3.77	2.71
5690MHz Straddle 5.47-5.725GHz	Pass	14.29	-9.94	-10.03	-8.94	-9.11	-3.54	2.71
5690MHz Straddle 5.725-5.85GHz	Pass	14.29	-12.48	-12.28	-11.76	-11.81	-6.15	21.71
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	14.29	-11.52	-11.76	-11.00	-11.73	-5.63	8.71
5250MHz Straddle 5.25-5.35GHz	Pass	14.29	-11.28	-12.12	-10.82	-11.60	-5.52	2.71
5570MHz	Pass	14.29	-12.57	-12.96	-12.05	-12.02	-6.46	2.71

DG = Directional Gain; **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

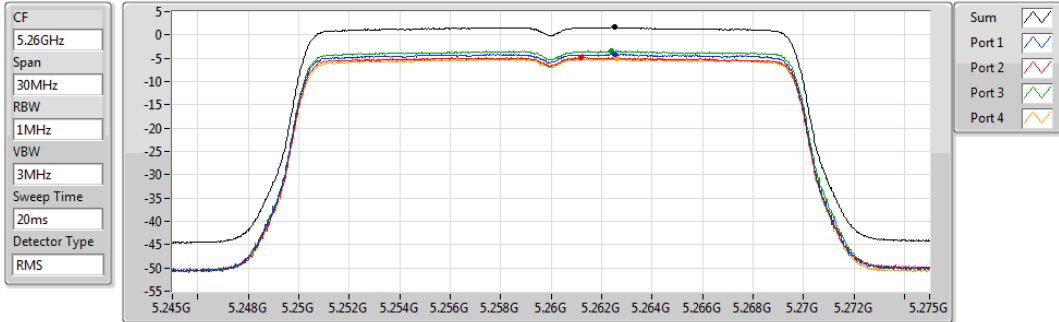
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port Xpower density;

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5260MHz

16/04/2019



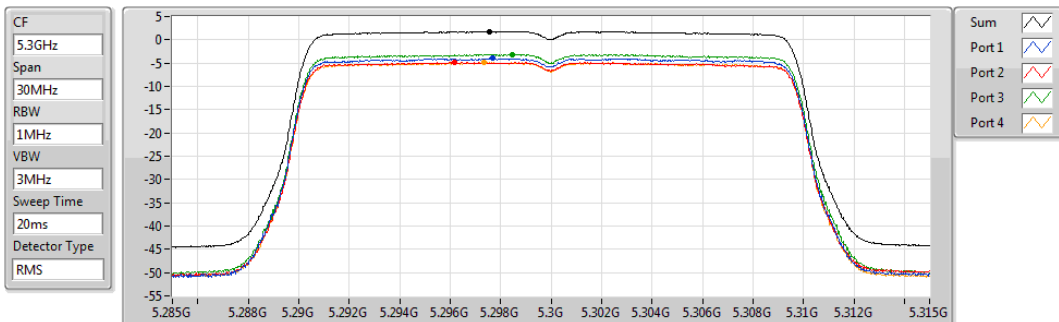
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.62	1.62	-4.09	-4.87	-3.47	-5.14

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5300MHz

16/04/2019



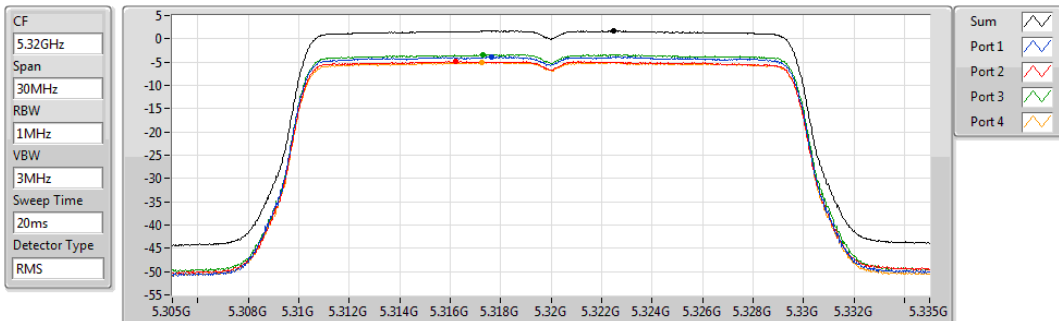
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.79	1.79	-3.99	-4.87	-3.13	-4.87

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5320MHz

16/04/2019



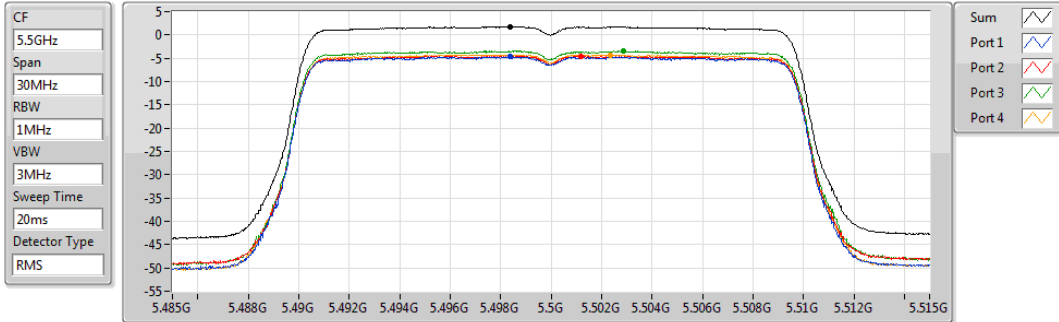
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.72	1.72	-3.87	-4.86	-3.35	-5.04

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5500MHz

16/04/2019



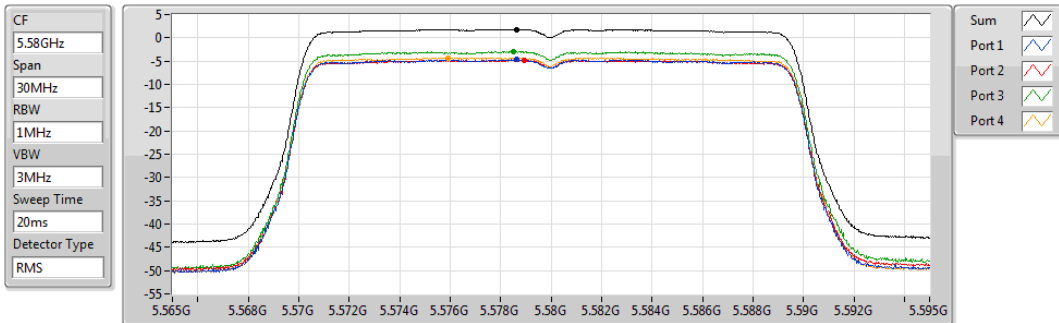
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.72	1.72	-4.72	-4.54	-3.46	-4.27

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5580MHz

16/04/2019



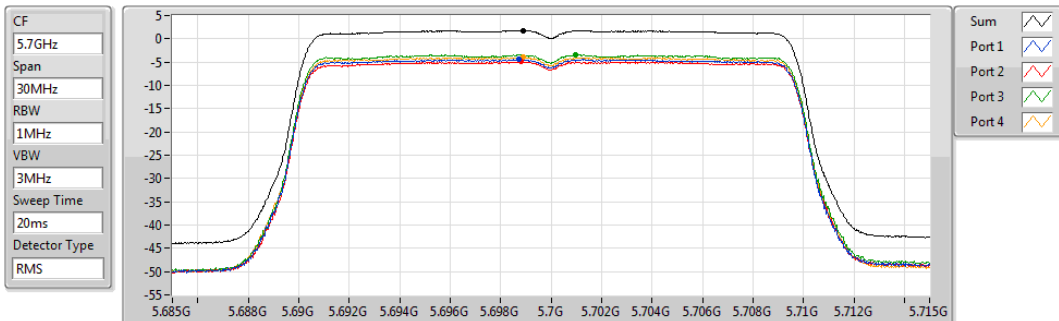
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.83	1.83	-4.65	-4.82	-2.89	-4.29

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5700MHz

16/04/2019



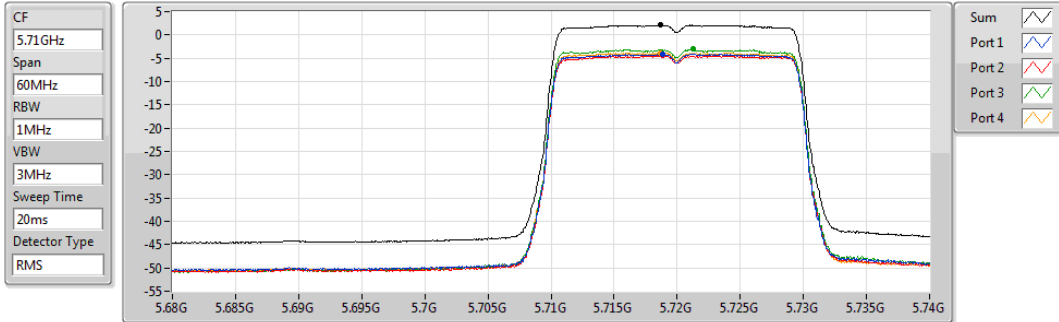
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.78	1.78	-4.46	-4.95	-3.43	-4.02

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz

PSD

16/04/2019



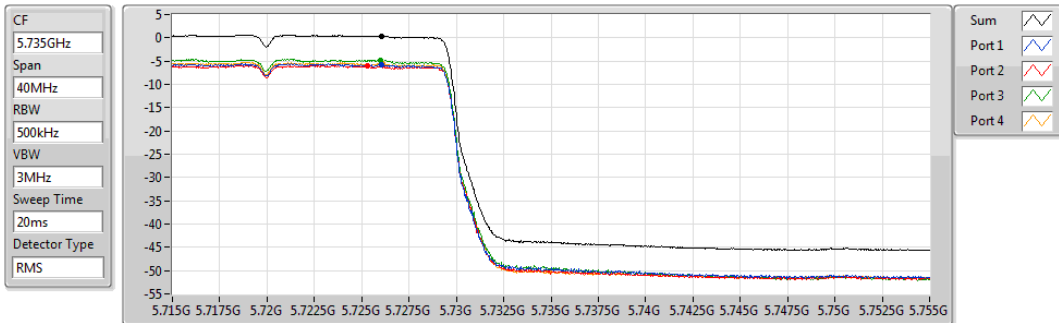
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
2.11	2.11	-4.13	-4.44	-3.08	-3.81

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5720MHz Straddle 5.725-5.85GHz

PSD

16/04/2019



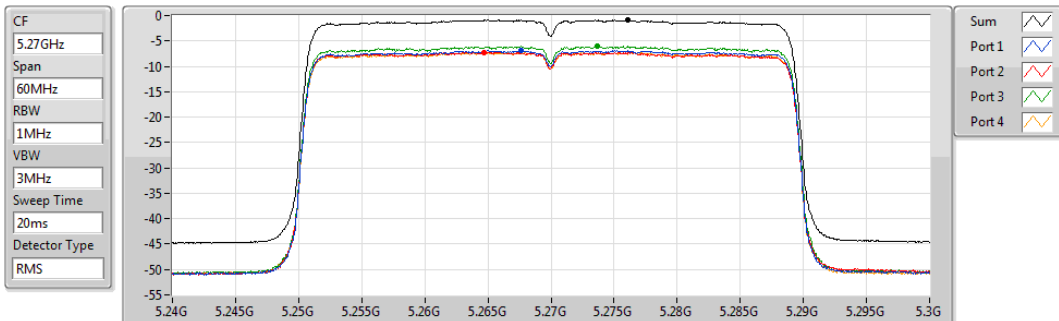
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
0.38	0.38	-5.82	-6.12	-4.83	-5.56

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5270MHz

PSD

16/04/2019



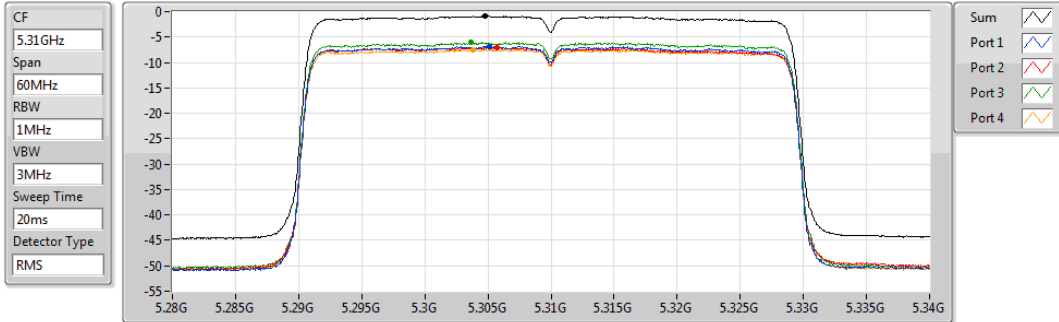
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-0.90	-0.90	-6.89	-7.20	-6.03	-7.29

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5310MHz

16/04/2019



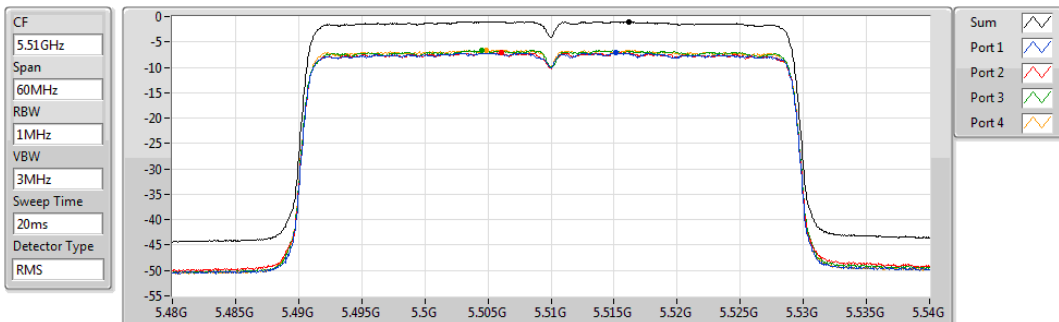
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.92	-0.92	-6.86	-7.10	-6.10	-7.43

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5510MHz

16/04/2019



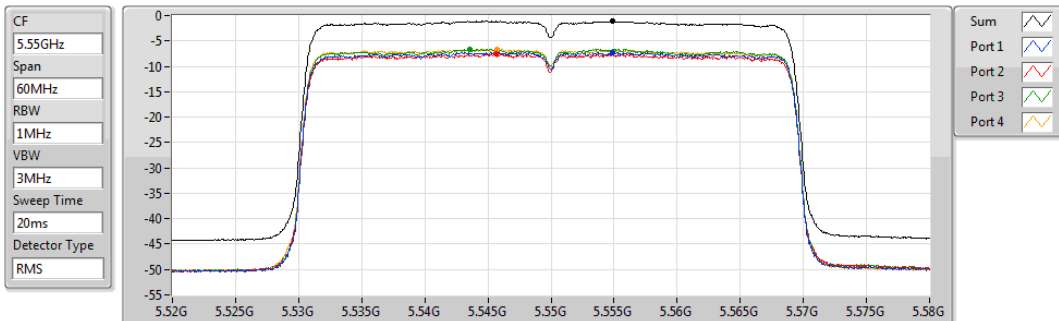
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.97	-0.97	-7.15	-7.11	-6.72	-6.59

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5550MHz

16/04/2019



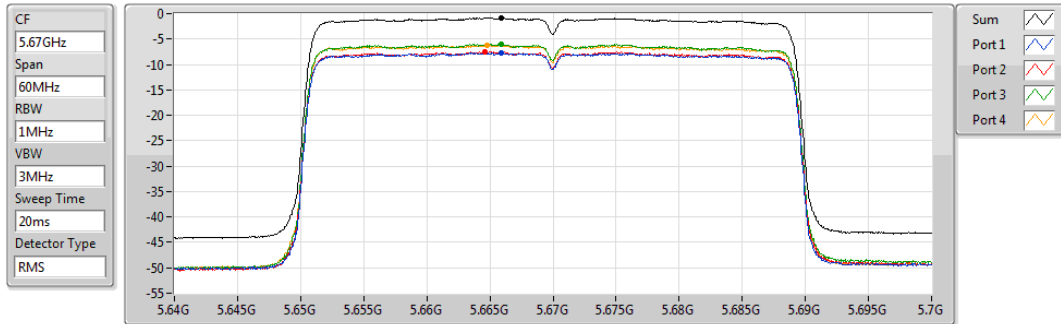
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.09	-1.09	-7.27	-7.61	-6.58	-6.64

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5670MHz

16/04/2019



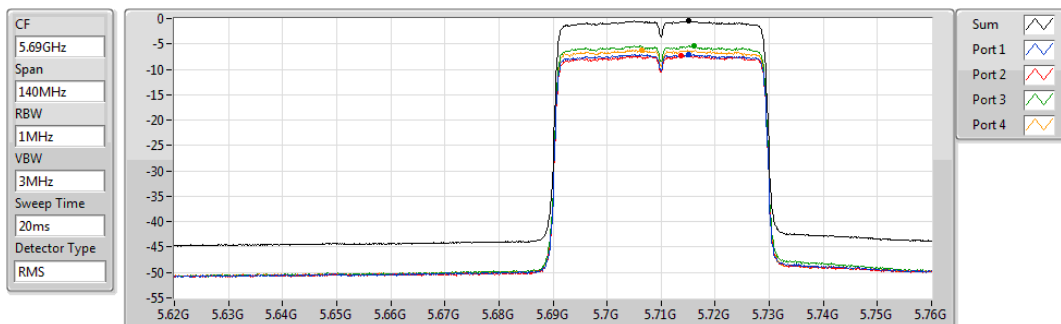
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.85	-0.85	-7.73	-7.53	-5.97	-6.27

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

16/04/2019



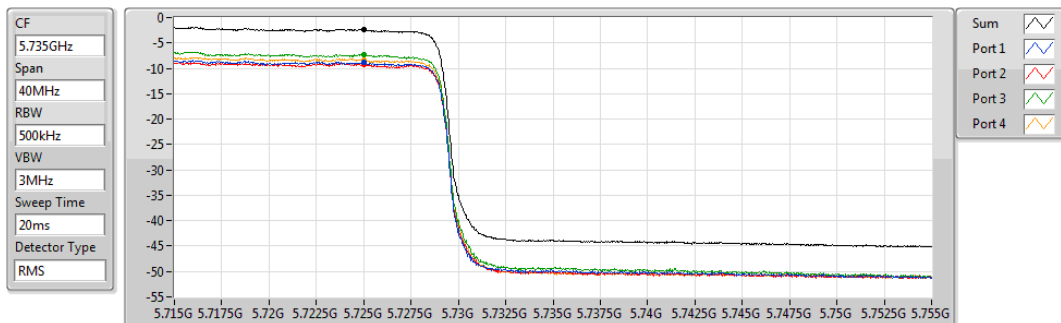
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.51	-0.51	-7.06	-7.27	-5.31	-6.24

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

16/04/2019



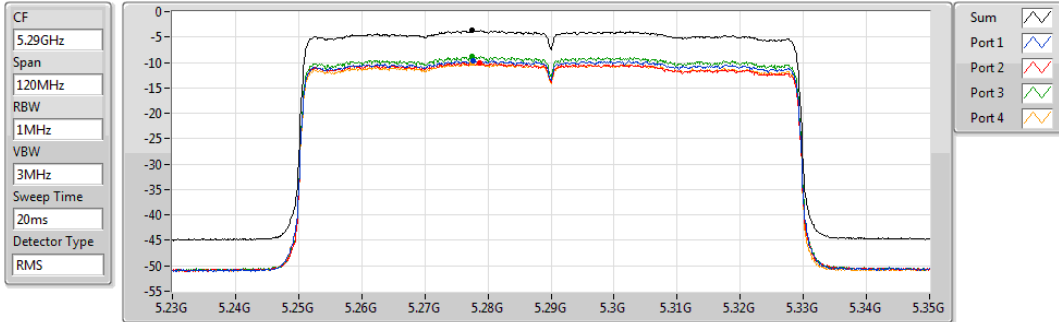
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.45	-2.45	-8.80	-9.27	-7.38	-8.42

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5290MHz

16/04/2019



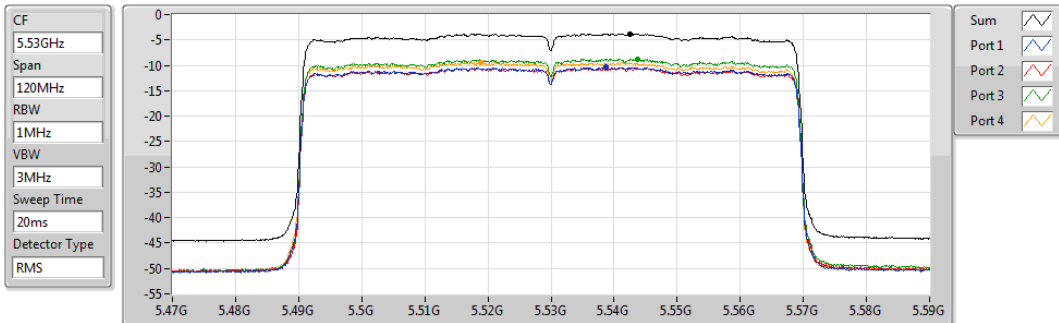
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-3.71	-3.71	-9.62	-10.03	-8.85	-10.20

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5530MHz

16/04/2019



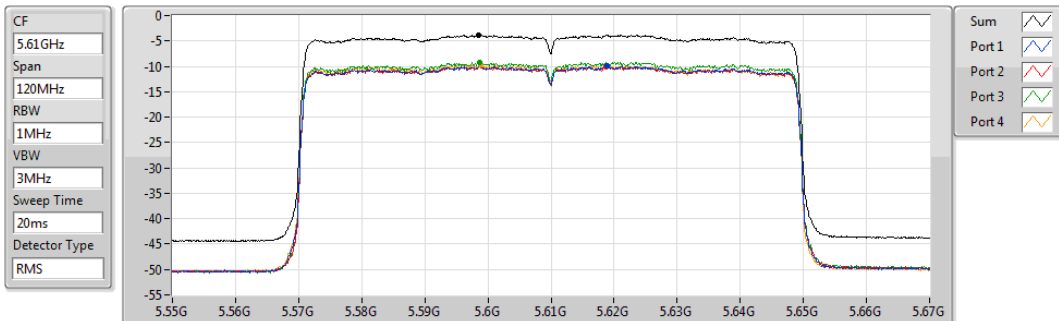
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-3.78	-3.78	-10.31	-10.48	-8.76	-9.46

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5610MHz

16/04/2019



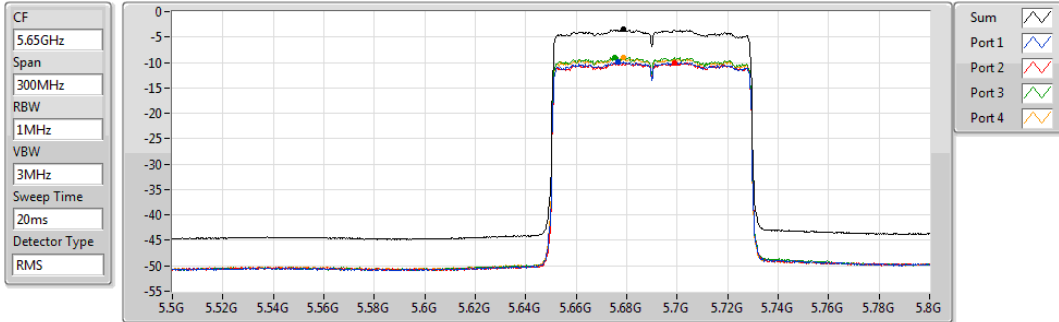
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-3.77	-3.77	-9.99	-10.06	-9.17	-9.76

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

16/04/2019



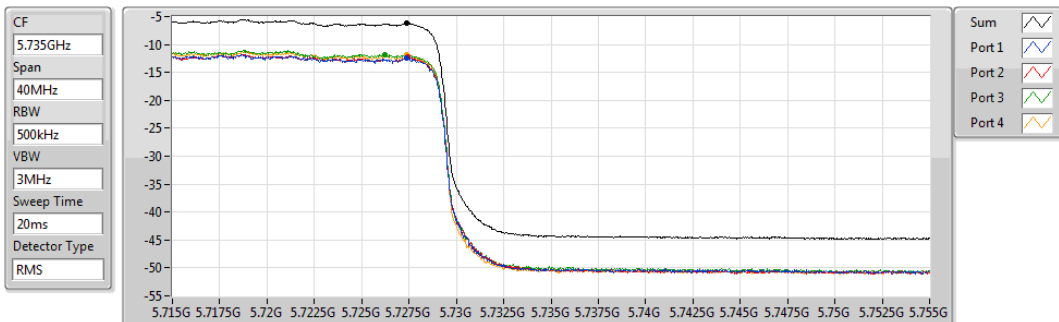
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.54	-3.54	-9.94	-10.03	-8.94	-9.11

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

16/04/2019



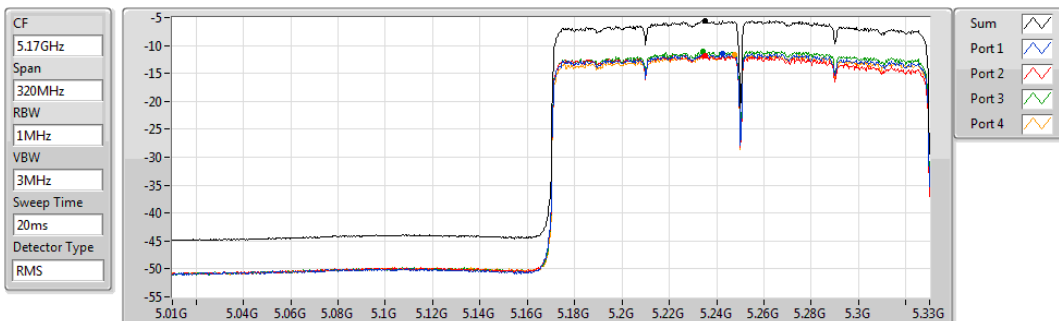
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.15	-6.15	-12.48	-12.28	-11.76	-11.81

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

16/04/2019



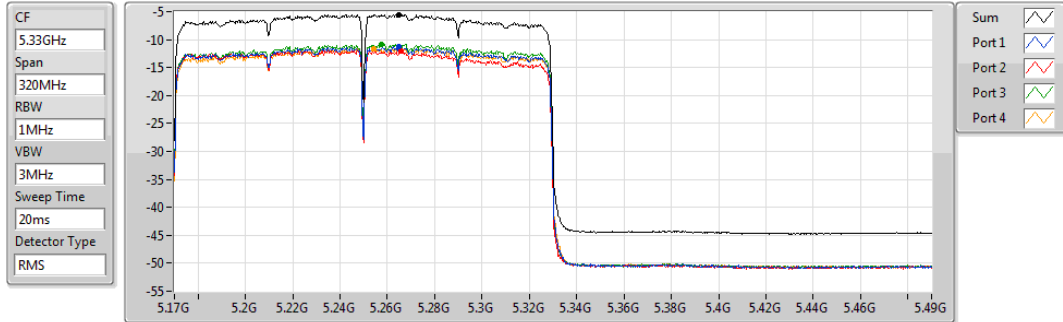
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.63	-5.63	-11.52	-11.76	-11.00	-11.73

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

16/04/2019



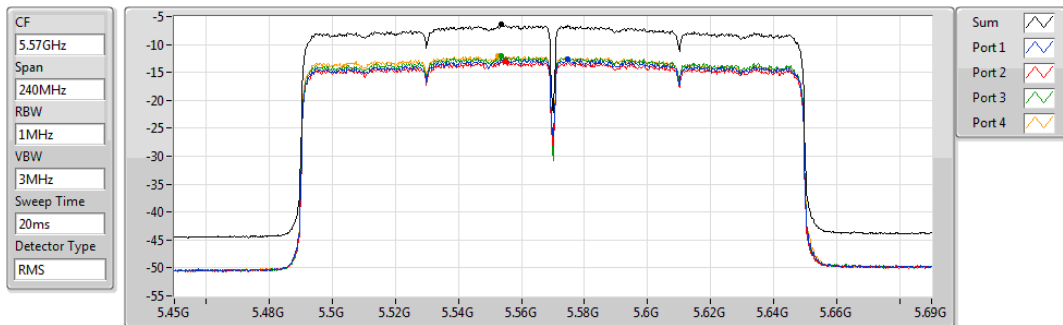
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.52	-5.52	-11.28	-12.12	-10.82	-11.60

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

PSD

5570MHz

16/04/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.46	-6.46	-12.57	-12.96	-12.05	-12.02

**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 2 ~ Band 4:
Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW160_Nss4,(MCS0)_4TX	-2.90
5.25-5.35GHz	-
802.11ax HEW20_Nss4,(MCS0)_4TX	8.02
802.11ax HEW40_Nss4,(MCS0)_4TX	5.17
802.11ax HEW80_Nss4,(MCS0)_4TX	1.03
802.11ax HEW160_Nss4,(MCS0)_4TX	-2.75
5.47-5.725GHz	-
802.11ax HEW20_Nss4,(MCS0)_4TX	8.24
802.11ax HEW40_Nss4,(MCS0)_4TX	5.58
802.11ax HEW80_Nss4,(MCS0)_4TX	2.70
802.11ax HEW160_Nss4,(MCS0)_4TX	-2.03
5.725-5.85GHz	-
802.11ax HEW20_Nss4,(MCS0)_4TX	6.43
802.11ax HEW40_Nss4,(MCS0)_4TX	3.34
802.11ax HEW80_Nss4,(MCS0)_4TX	-0.17

RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

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_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	8.27	1.65	1.63	3.02	1.59	7.95	8.73
5300MHz	Pass	8.27	2.00	1.68	2.89	1.64	7.97	8.73
5320MHz	Pass	8.27	2.15	1.87	2.66	1.92	8.02	8.73
5500MHz	Pass	8.27	1.63	1.75	2.51	2.49	7.98	8.73
5580MHz	Pass	8.27	0.97	1.74	2.58	2.20	7.80	8.73
5700MHz	Pass	8.27	0.43	0.53	1.41	1.47	6.88	8.73
5720MHz Straddle 5.47-5.725GHz	Pass	8.27	1.83	2.05	2.59	2.75	8.24	8.73
5720MHz Straddle 5.725-5.85GHz	Pass	8.27	0.33	0.20	0.71	0.88	6.43	27.73
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	8.27	-0.73	-0.87	-0.21	-0.88	5.17	8.73
5310MHz	Pass	8.27	-2.21	-2.41	-2.05	-2.83	3.52	8.73
5510MHz	Pass	8.27	-3.44	-2.93	-2.80	-2.65	2.97	8.73
5550MHz	Pass	8.27	-0.93	-0.71	-0.76	0.22	5.37	8.73
5670MHz	Pass	8.27	-1.74	-2.03	-0.86	-0.61	4.62	8.73
5710MHz Straddle 5.47-5.725GHz	Pass	8.27	-1.07	-0.84	0.46	0.29	5.58	8.73
5710MHz Straddle 5.725-5.85GHz	Pass	8.27	-3.41	-3.10	-1.87	-1.95	3.34	27.73
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	8.27	-4.84	-5.21	-4.29	-5.08	1.03	8.73
5530MHz	Pass	8.27	-5.93	-5.62	-4.71	-5.12	0.56	8.73
5610MHz	Pass	8.27	-3.96	-3.52	-2.95	-2.43	2.70	8.73
5690MHz Straddle 5.47-5.725GHz	Pass	8.27	-3.69	-3.63	-2.91	-2.92	2.67	8.73
5690MHz Straddle 5.725-5.85GHz	Pass	8.27	-6.45	-6.24	-5.67	-5.97	-0.17	27.73
802.11ax HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.27	-8.73	-8.83	-8.36	-8.79	-2.90	14.73
5250MHz Straddle 5.25-5.35GHz	Pass	8.27	-8.42	-8.98	-8.24	-8.92	-2.75	8.73
5570MHz	Pass	8.27	-8.52	-8.42	-7.31	-7.14	-2.03	8.73

DG = Directional Gain; **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

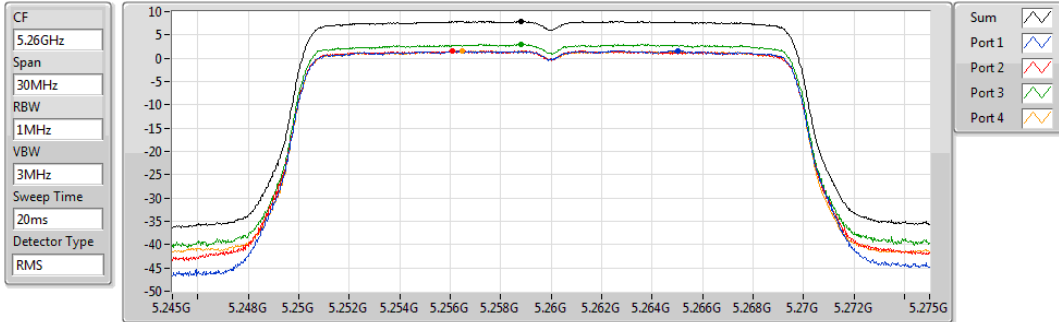
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port Xpower density;

802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5260MHz

16/04/2019



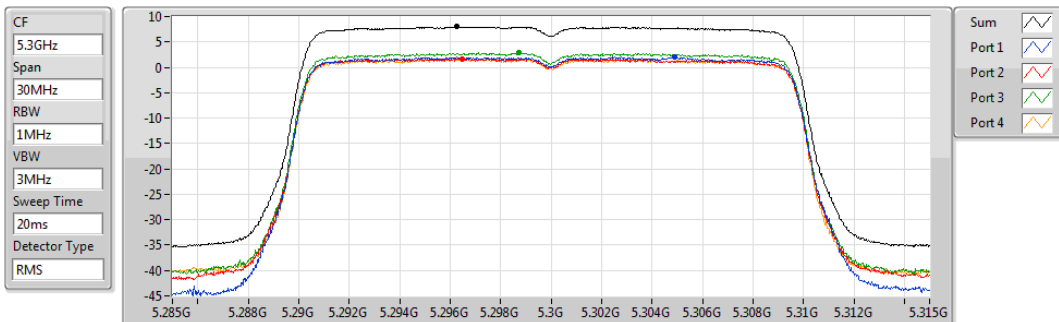
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.95	7.95	1.65	1.63	3.02	1.59

802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5300MHz

16/04/2019



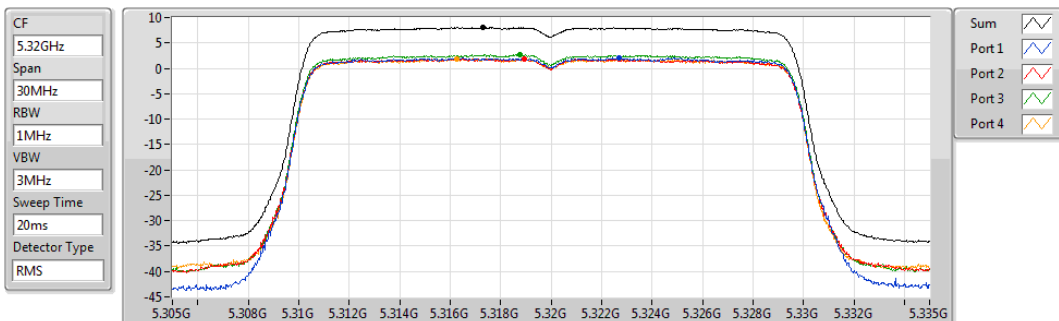
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.97	7.97	2.00	1.68	2.89	1.64

802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5320MHz

16/04/2019



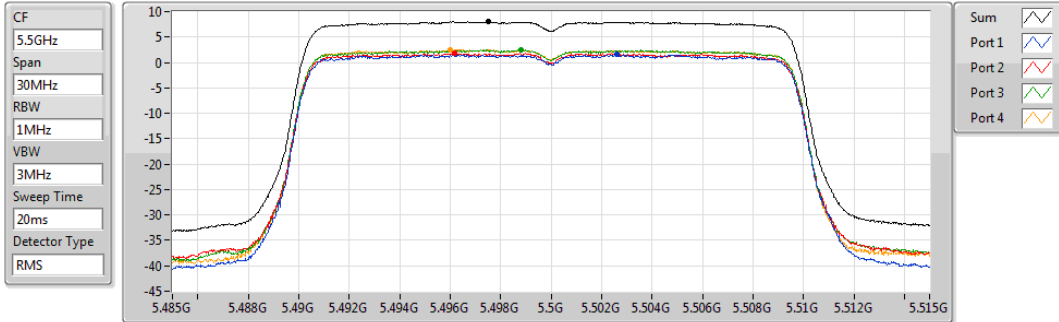
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.02	8.02	2.15	1.87	2.66	1.92

802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5500MHz

16/04/2019



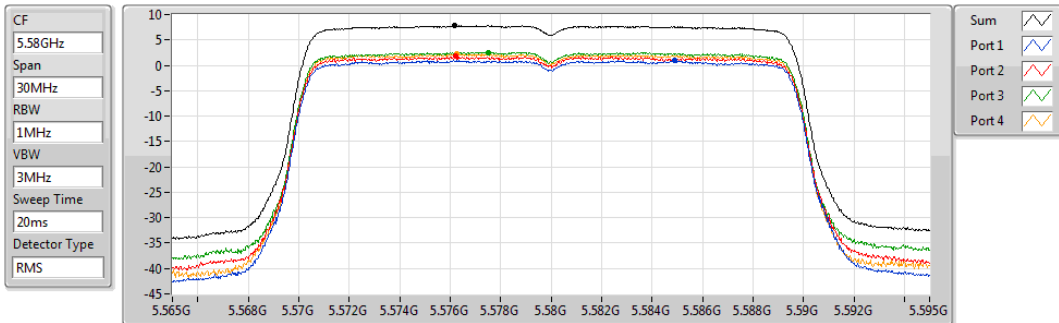
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.98	7.98	1.63	1.75	2.51	2.49

802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5580MHz

16/04/2019



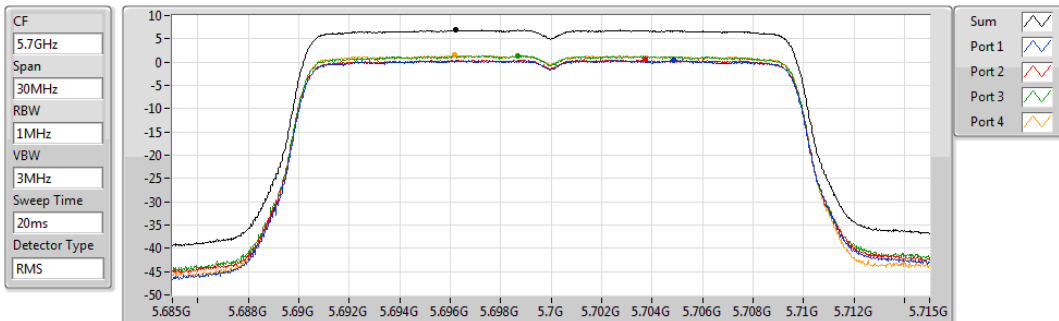
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.80	7.80	0.97	1.74	2.58	2.20

802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5700MHz

16/04/2019



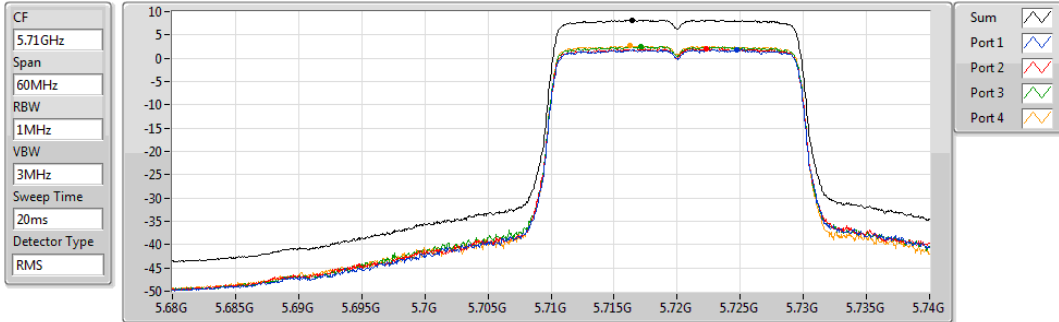
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.88	6.88	0.43	0.53	1.41	1.47

802.11ax HEW20_Nss4,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz

PSD

16/04/2019



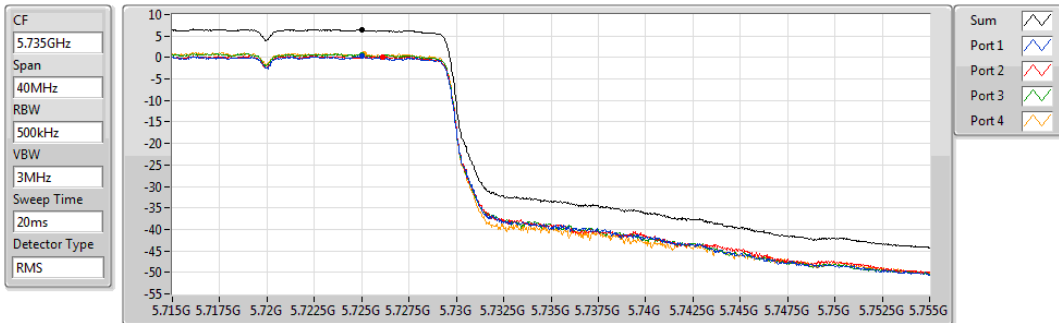
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.24	8.24	1.83	2.05	2.59	2.75

802.11ax HEW20_Nss4,(MCS0)_4TX

5720MHz Straddle 5.725-5.85GHz

PSD

16/04/2019



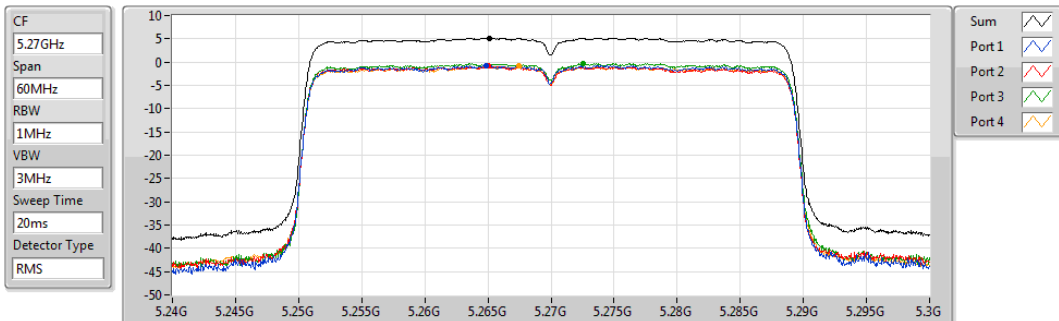
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.43	6.43	0.33	0.20	0.71	0.88

802.11ax HEW40_Nss4,(MCS0)_4TX

5270MHz

PSD

16/04/2019



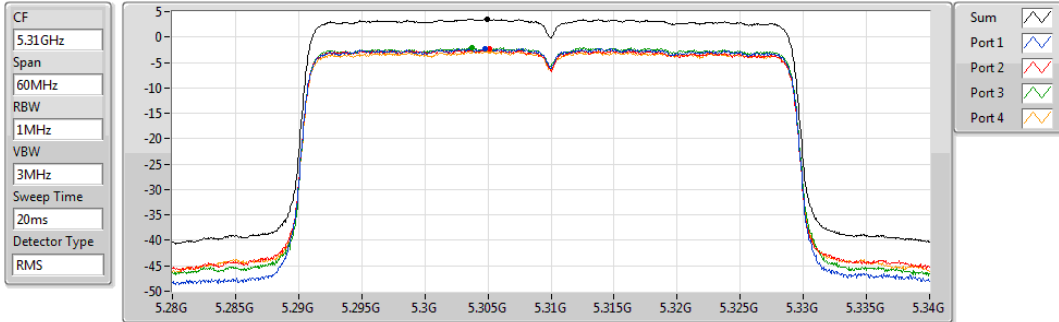
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.17	5.17	-0.73	-0.87	-0.21	-0.88

802.11ax HEW40_Nss4,(MCS0)_4TX

PSD

5310MHz

16/04/2019



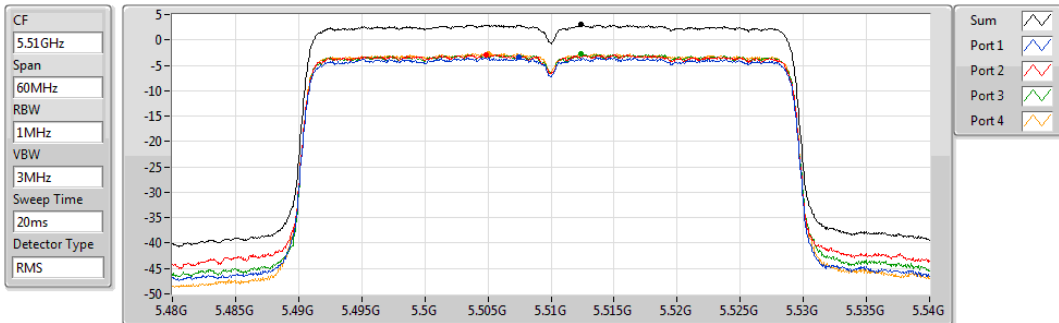
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.52	3.52	-2.21	-2.41	-2.05	-2.83

802.11ax HEW40_Nss4,(MCS0)_4TX

PSD

5510MHz

16/04/2019



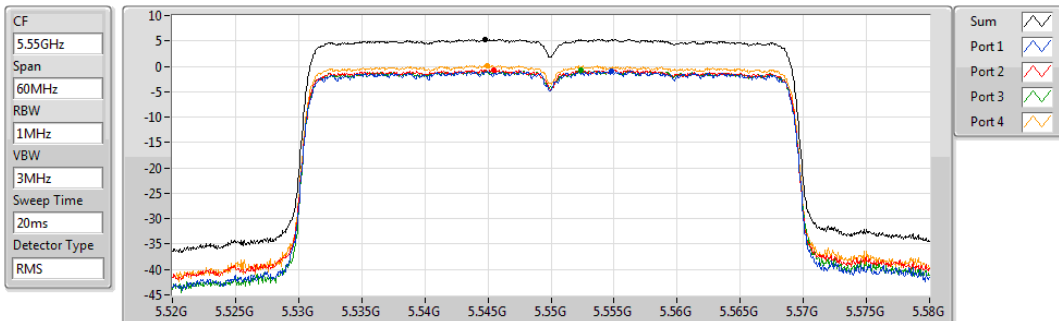
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.97	2.97	-3.44	-2.93	-2.80	-2.65

802.11ax HEW40_Nss4,(MCS0)_4TX

PSD

5550MHz

16/04/2019



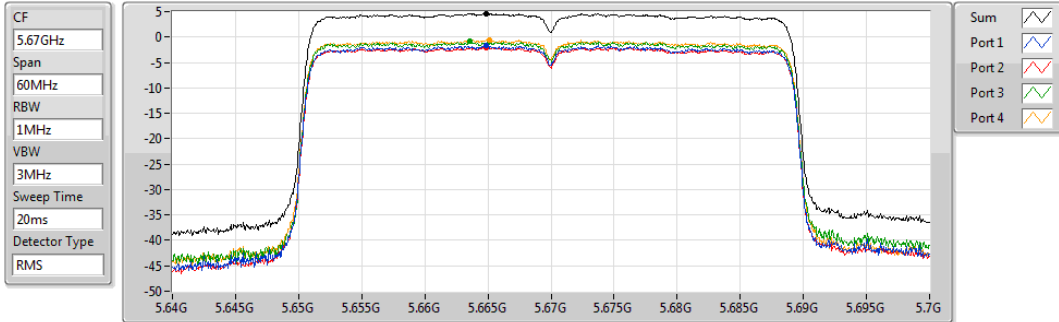
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.37	5.37	-0.93	-0.71	-0.76	0.22

802.11ax HEW40_Nss4,(MCS0)_4TX

PSD

5670MHz

16/04/2019



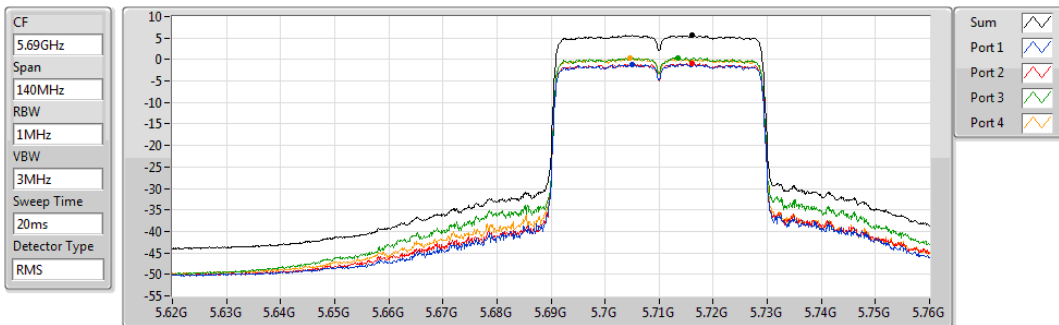
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.62	4.62	-1.74	-2.03	-0.86	-0.61

802.11ax HEW40_Nss4,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

16/04/2019



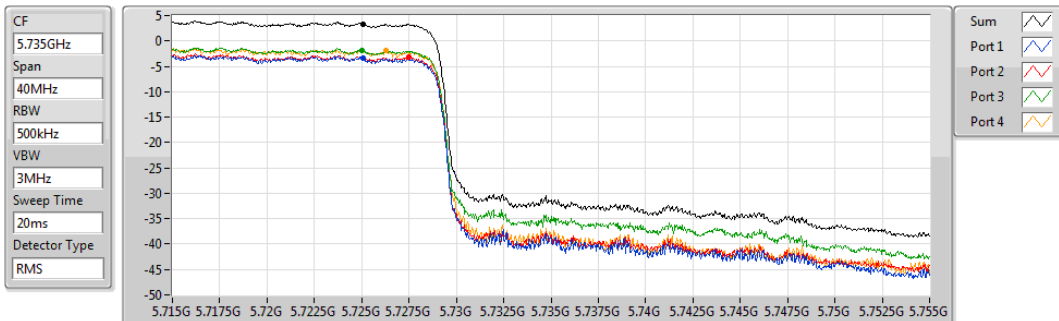
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.58	5.58	-1.07	-0.84	0.46	0.29

802.11ax HEW40_Nss4,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

16/04/2019



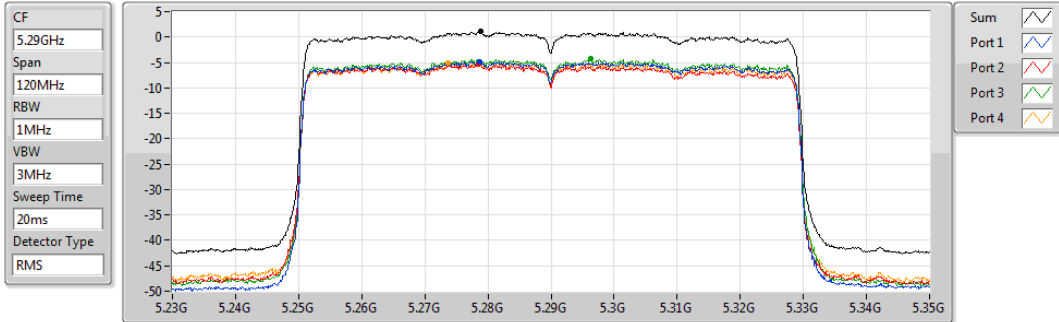
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.34	3.34	-3.41	-3.10	-1.87	-1.95

802.11ax HEW80_Nss4,(MCS0)_4TX

PSD

5290MHz

16/04/2019



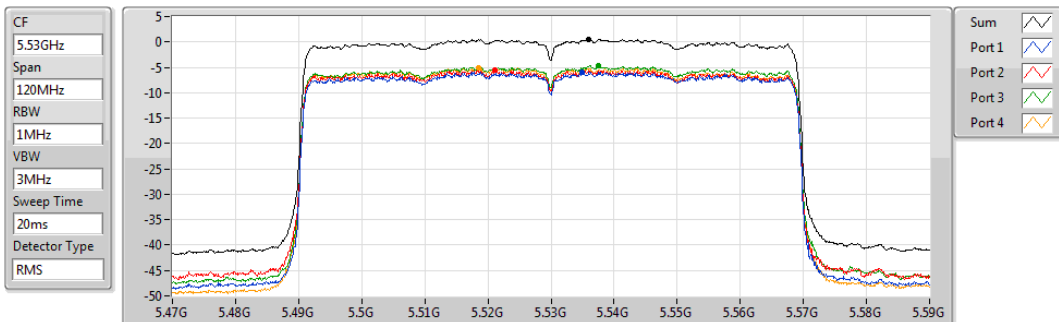
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.03	1.03	-4.84	-5.21	-4.29	-5.08

802.11ax HEW80_Nss4,(MCS0)_4TX

PSD

5530MHz

16/04/2019



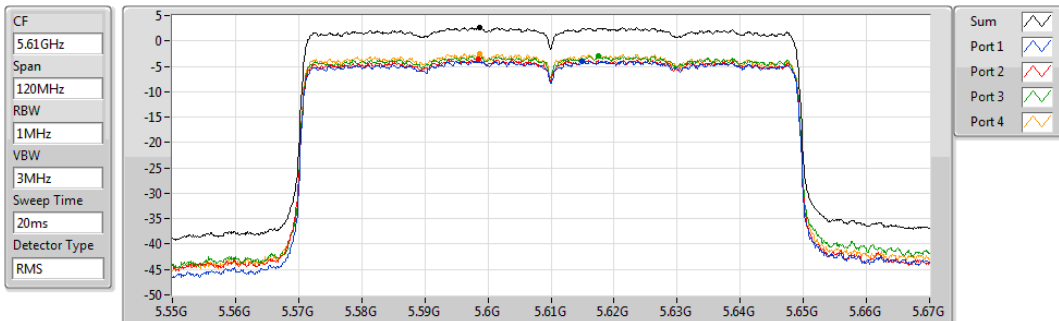
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.56	0.56	-5.93	-5.62	-4.71	-5.12

802.11ax HEW80_Nss4,(MCS0)_4TX

PSD

5610MHz

16/04/2019



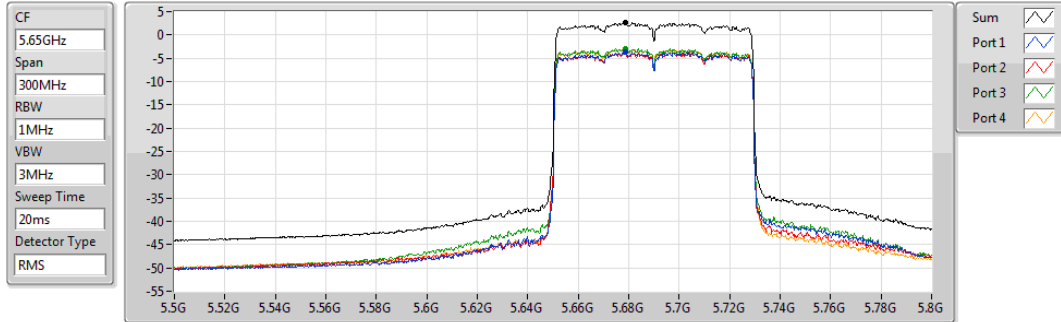
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.70	2.70	-3.96	-3.52	-2.95	-2.43

802.11ax HEW80_Nss4,(MCS0)_4TX

5690MHz Straddle 5.47-5.725GHz

PSD

16/04/2019



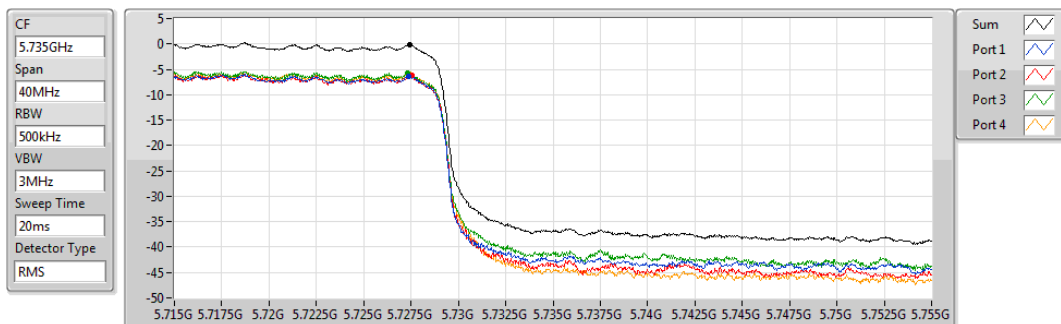
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.67	2.67	-3.69	-3.63	-2.91	-2.92

802.11ax HEW80_Nss4,(MCS0)_4TX

5690MHz Straddle 5.725-5.85GHz

PSD

16/04/2019



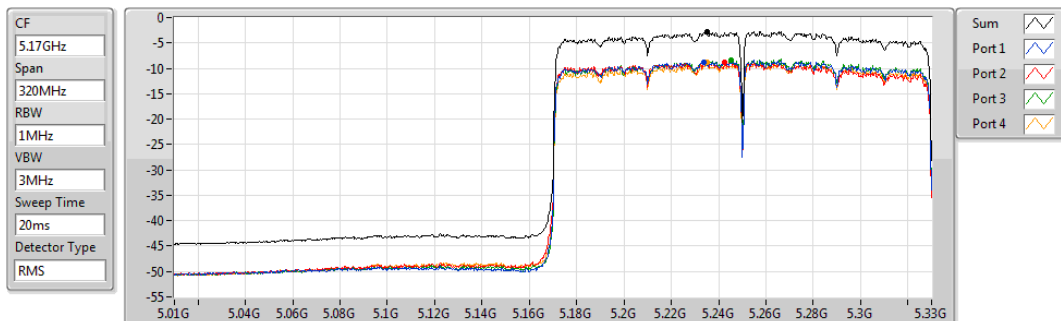
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.17	-0.17	-6.45	-6.24	-5.67	-5.97

802.11ax HEW160_Nss4,(MCS0)_4TX

5250MHz Straddle 5.15-5.25GHz

PSD

16/04/2019



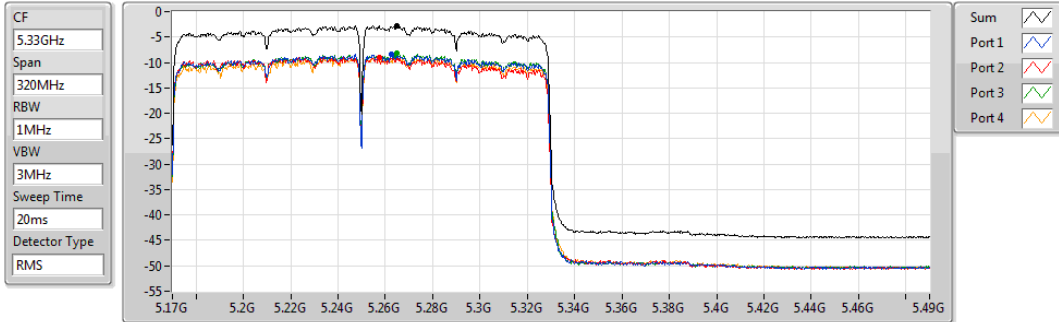
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.90	-2.90	-8.73	-8.83	-8.36	-8.79

802.11ax HEW160_Nss4,(MCS0)_4TX

5250MHz Straddle 5.25-5.35GHz

PSD

16/04/2019



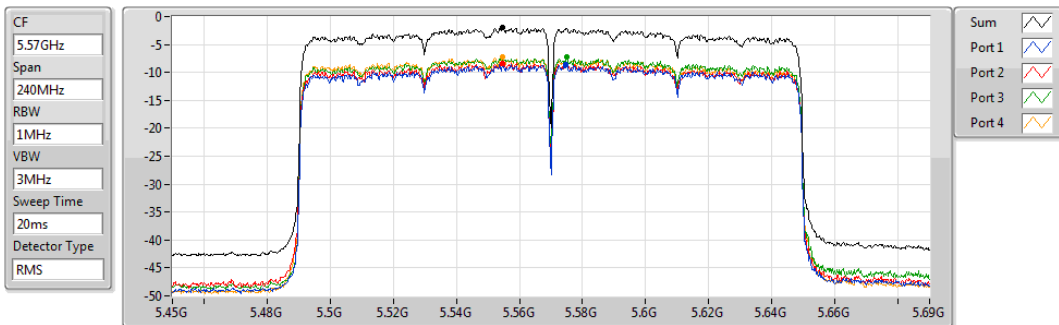
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.75	-2.75	-8.42	-8.98	-8.24	-8.92

802.11ax HEW160_Nss4,(MCS0)_4TX

5570MHz

PSD

16/04/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.03	-2.03	-8.52	-8.42	-7.31	-7.14



**For Outdoor use for 5G Band 1:
Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW160_Nss1,(MCS0)_1TX	-6.29
5.25-5.35GHz	-
802.11ax HEW160_Nss1,(MCS0)_1TX	-5.81

RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.27	-6.29	-6.29	14.73
5250MHz Straddle 5.25-5.35GHz	Pass	8.27	-5.81	-5.81	8.73

DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

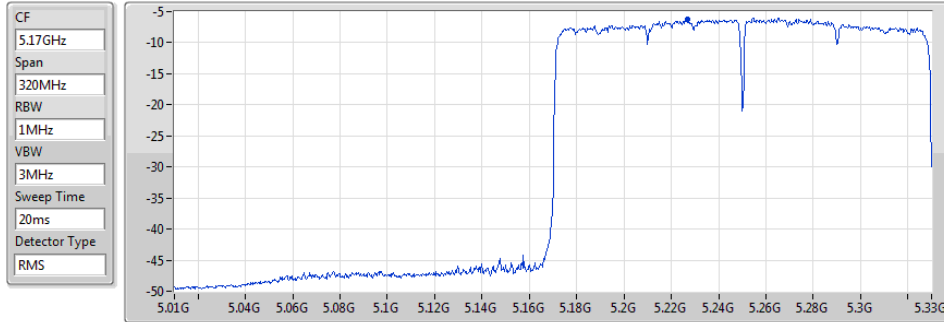
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ax HEW160_Nss1,(MCS0)_1TX

PSD

5250MHz Straddle 5.15-5.25GHz

16/04/2019



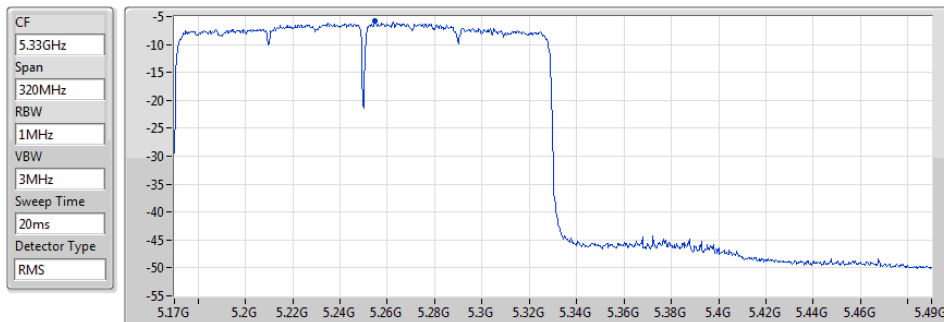
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-6.29	-6.29	-6.29

802.11ax HEW160_Nss1,(MCS0)_1TX

PSD

5250MHz Straddle 5.25-5.35GHz

16/04/2019



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-5.81	-5.81	-5.81



For Outdoor use for 5G Band 1:

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW160_Nss2,(MCS0)_2TX	-5.64
5.25-5.35GHz	-
802.11ax HEW160_Nss2,(MCS0)_2TX	-5.65

RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW160_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.27	-8.31	-8.74	-5.64	14.73
5250MHz Straddle 5.25-5.35GHz	Pass	8.27	-8.21	-8.81	-5.65	8.73

DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

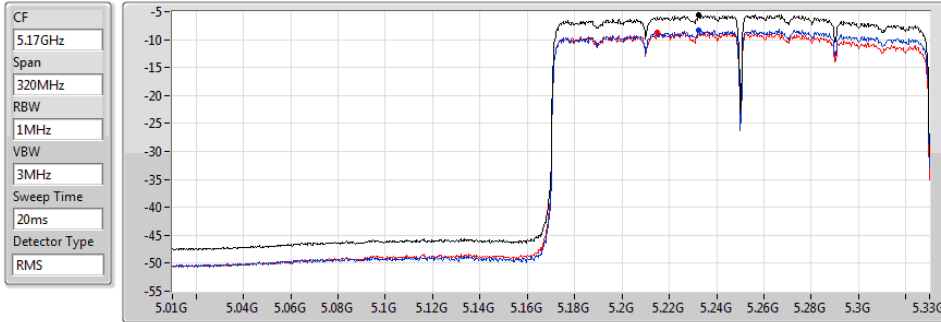
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ax HEW160_Nss2,(MCS0)_2TX

5250MHz Straddle 5.15-5.25GHz

PSD

16/04/2019



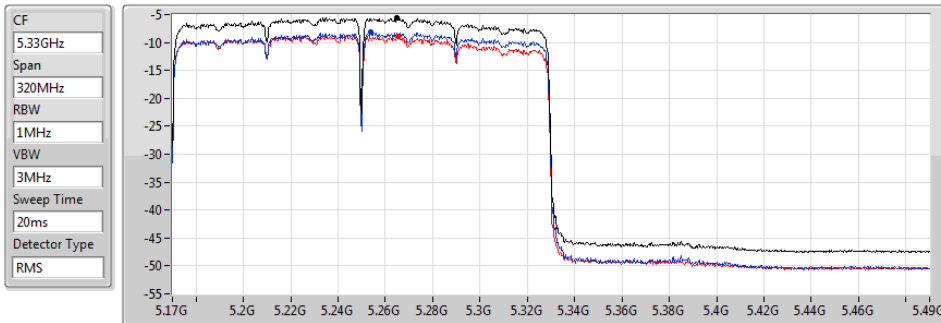
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.64	-5.64	-8.31	-8.74

802.11ax HEW160_Nss2,(MCS0)_2TX

5250MHz Straddle 5.25-5.35GHz

PSD

16/04/2019



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.65	-5.65	-8.21	-8.81



For Outdoor use for 5G Band 1:

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW160_Nss1,(MCS0)_4TX	-3.85
5.25-5.35GHz	-
802.11ax HEW160_Nss1,(MCS0)_4TX	-3.57

RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

**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 HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	14.29	-9.55	-10.12	-9.60	-9.83	-3.85	8.71
5250MHz Straddle 5.25-5.35GHz	Pass	14.29	-9.29	-10.05	-9.31	-9.44	-3.57	2.71

DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

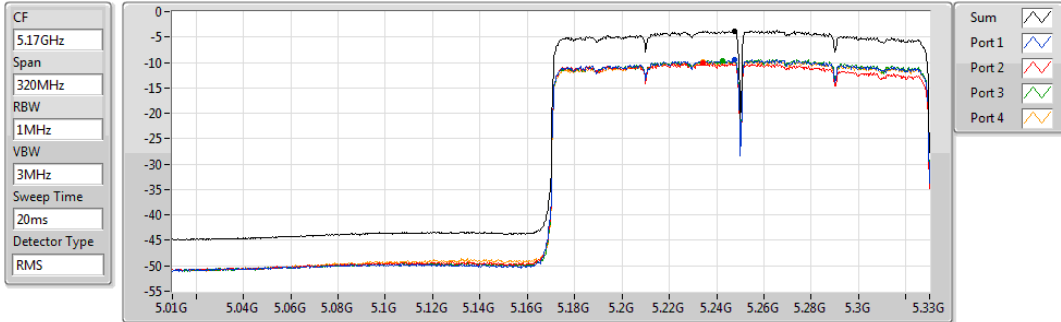
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ax HEW160_Nss1,(MCS0)_4TX

5250MHz Straddle 5.15-5.25GHz

PSD

15/04/2019



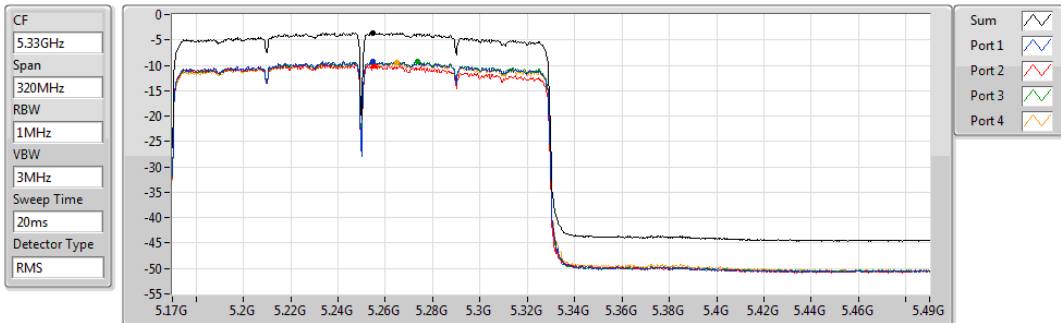
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.85	-3.85	-9.55	-10.12	-9.60	-9.83

802.11ax HEW160_Nss1,(MCS0)_4TX

5250MHz Straddle 5.25-5.35GHz

PSD

15/04/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.57	-3.57	-9.29	-10.05	-9.31	-9.44



For Outdoor use for 5G Band 1:

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-9.24
5.25-5.35GHz	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-9.25

RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

**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 HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	14.29	-14.95	-15.28	-14.93	-15.65	-9.24	8.71
5250MHz Straddle 5.25-5.35GHz	Pass	14.29	-14.76	-15.61	-15.11	-15.43	-9.25	2.71

DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

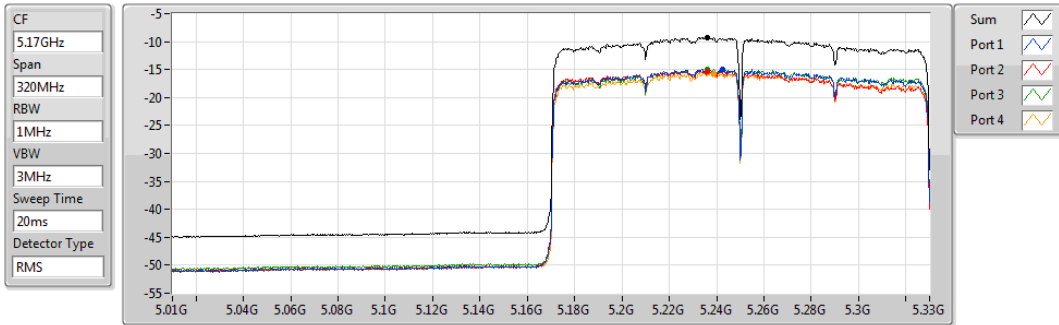
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

15/05/2019



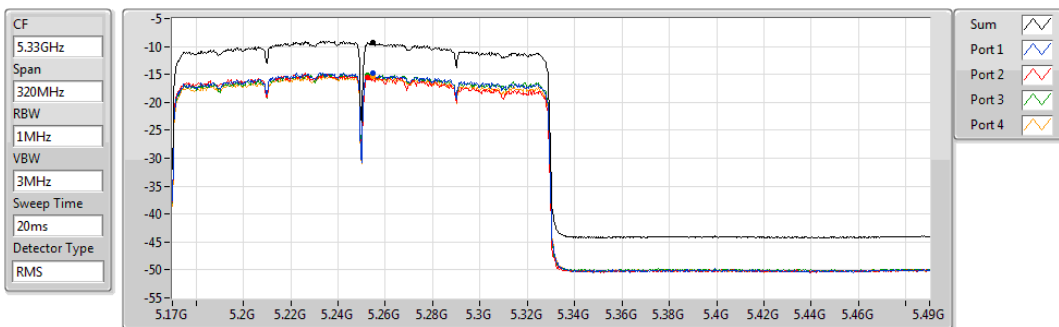
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.24	-9.24	-14.95	-15.28	-14.93	-15.65

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

15/05/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.25	-9.25	-14.76	-15.61	-15.11	-15.43



For Outdoor use for 5G Band 1:

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW160_Nss4,(MCS0)_4TX	-3.18
5.25-5.35GHz	-
802.11ax HEW160_Nss4,(MCS0)_4TX	-3.01

RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;



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 HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.27	-8.73	-9.35	-8.78	-9.46	-3.18	14.73
5250MHz Straddle 5.25-5.35GHz	Pass	8.27	-8.53	-9.14	-8.62	-9.25	-3.01	8.73

DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

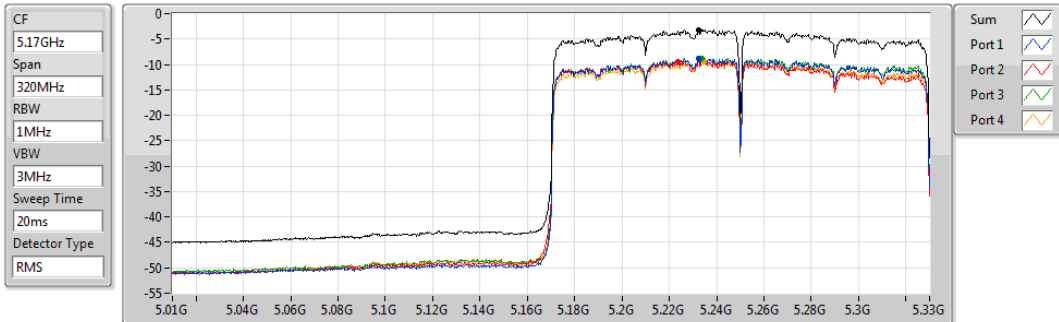
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ax HEW160_Nss4,(MCS0)_4TX

5250MHz Straddle 5.15-5.25GHz

PSD

14/05/2019



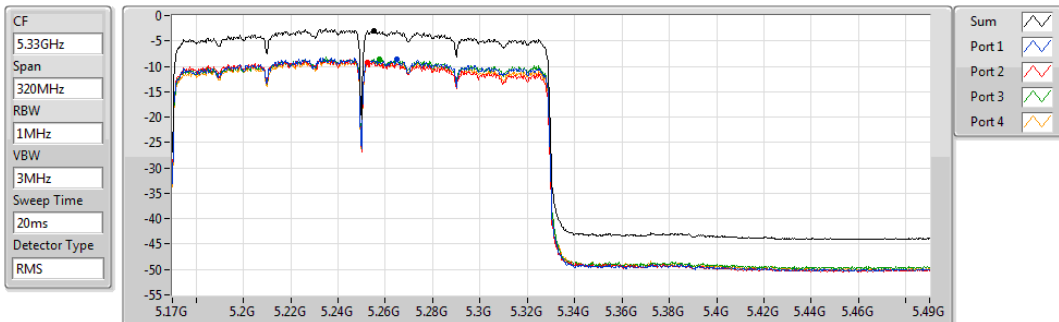
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.18	-3.18	-8.73	-9.35	-8.78	-9.46

802.11ax HEW160_Nss4,(MCS0)_4TX

5250MHz Straddle 5.25-5.35GHz

PSD

14/05/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.01	-3.01	-8.53	-9.14	-8.62	-9.25

**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 2 ~ Band 4:
Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW160_Nss1,(MCS0)_1TX	-6.39
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_1TX	7.18
802.11ax HEW20_Nss1,(MCS0)_1TX	7.46
802.11ax HEW40_Nss1,(MCS0)_1TX	4.80
802.11ax HEW80_Nss1,(MCS0)_1TX	-2.28
802.11ax HEW160_Nss1,(MCS0)_1TX	-6.42
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_1TX	6.27
802.11ax HEW20_Nss1,(MCS0)_1TX	6.89
802.11ax HEW40_Nss1,(MCS0)_1TX	4.48
802.11ax HEW80_Nss1,(MCS0)_1TX	1.44
802.11ax HEW160_Nss1,(MCS0)_1TX	-5.86
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	4.47
802.11ax HEW20_Nss1,(MCS0)_1TX	4.14
802.11ax HEW40_Nss1,(MCS0)_1TX	1.86
802.11ax HEW80_Nss1,(MCS0)_1TX	-1.49

RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5260MHz	Pass	6.16	6.49	6.49	10.84
5300MHz	Pass	6.16	7.18	7.18	10.84
5320MHz	Pass	6.16	6.24	6.24	10.84
5500MHz	Pass	6.16	4.58	4.58	10.84
5580MHz	Pass	6.16	5.86	5.86	10.84
5700MHz	Pass	6.16	3.17	3.17	10.84
5720MHz Straddle 5.47-5.725GHz	Pass	6.16	6.27	6.27	10.84
5720MHz Straddle 5.725-5.85GHz	Pass	6.16	4.47	4.47	29.84
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5260MHz	Pass	6.16	6.75	6.75	10.84
5300MHz	Pass	6.16	7.33	7.33	10.84
5320MHz	Pass	6.16	7.46	7.46	10.84
5500MHz	Pass	6.16	3.63	3.63	10.84
5580MHz	Pass	6.16	6.89	6.89	10.84
5700MHz	Pass	6.16	1.62	1.62	10.84
5720MHz Straddle 5.47-5.725GHz	Pass	6.16	5.99	5.99	10.84
5720MHz Straddle 5.725-5.85GHz	Pass	6.16	4.14	4.14	29.84
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5270MHz	Pass	6.16	4.80	4.80	10.84
5310MHz	Pass	6.16	0.78	0.78	10.84
5510MHz	Pass	6.16	-2.03	-2.03	10.84
5550MHz	Pass	6.16	4.48	4.48	10.84
5670MHz	Pass	6.16	1.23	1.23	10.84
5710MHz Straddle 5.47-5.725GHz	Pass	6.16	4.02	4.02	10.84
5710MHz Straddle 5.725-5.85GHz	Pass	6.16	1.86	1.86	29.84
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5290MHz	Pass	6.16	-2.28	-2.28	10.84
5530MHz	Pass	6.16	-2.82	-2.82	10.84
5610MHz	Pass	6.16	1.25	1.25	10.84
5690MHz Straddle 5.47-5.725GHz	Pass	6.16	1.44	1.44	10.84
5690MHz Straddle 5.725-5.85GHz	Pass	6.16	-1.49	-1.49	29.84
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.16	-6.39	-6.39	16.84
5250MHz Straddle 5.25-5.35GHz	Pass	6.16	-6.42	-6.42	10.84
5570MHz	Pass	6.16	-5.86	-5.86	10.84

DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

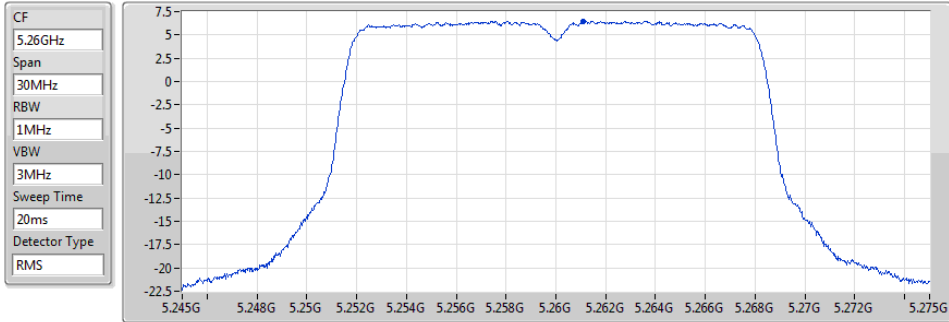
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port Xpower density;

802.11a_Nss1,(6Mbps)_1TX

PSD

5260MHz

19/04/2019



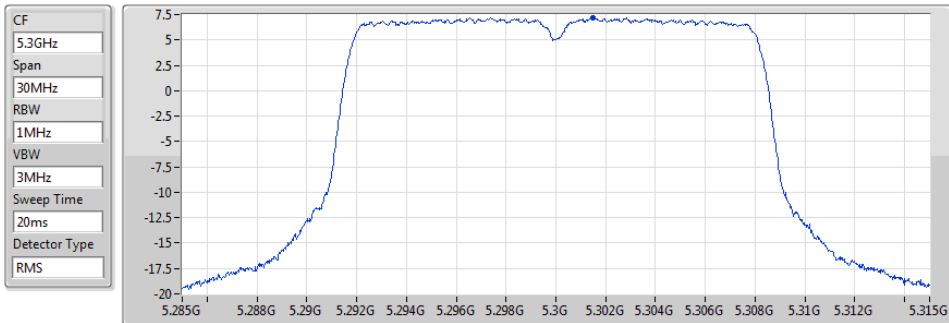
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.49	6.49	6.49

802.11a_Nss1,(6Mbps)_1TX

PSD

5300MHz

19/04/2019



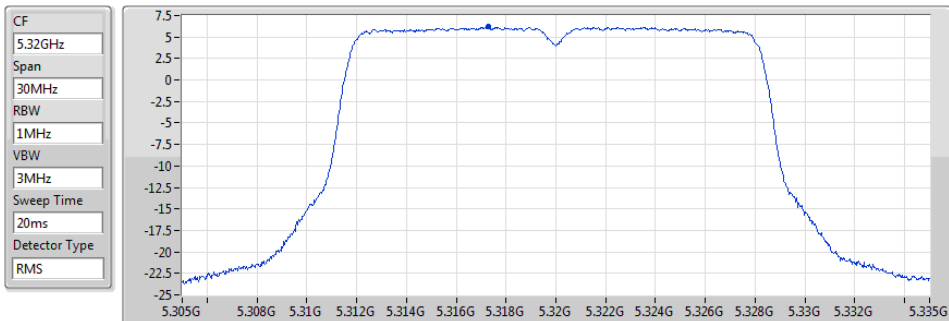
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.18	7.18	7.18

802.11a_Nss1,(6Mbps)_1TX

PSD

5320MHz

19/04/2019



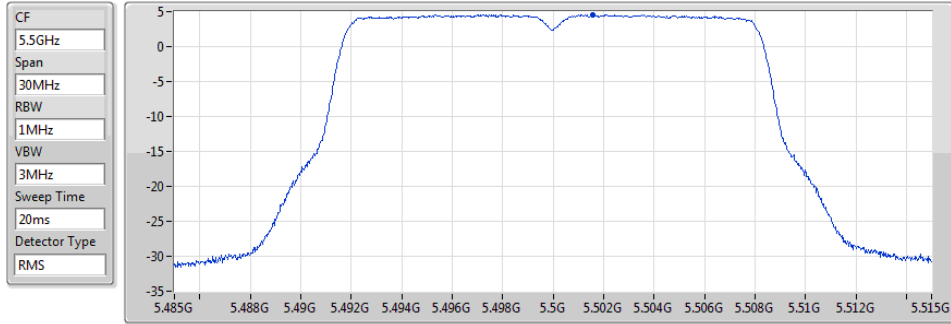
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.24	6.24	6.24

802.11a_Nss1,(6Mbps)_1TX

PSD

5500MHz

19/04/2019



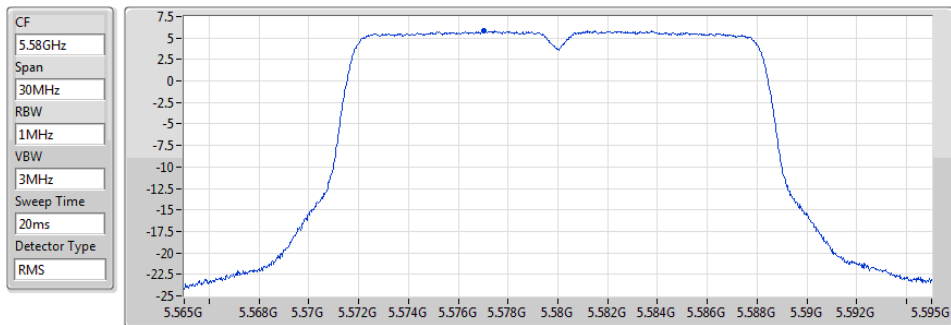
Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
4.58	4.58	4.58

802.11a_Nss1,(6Mbps)_1TX

PSD

5580MHz

19/04/2019



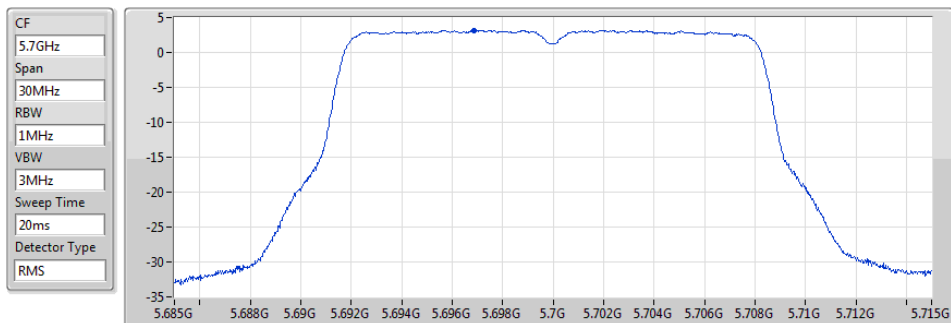
Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
5.86	5.86	5.86

802.11a_Nss1,(6Mbps)_1TX

PSD

5700MHz

19/04/2019

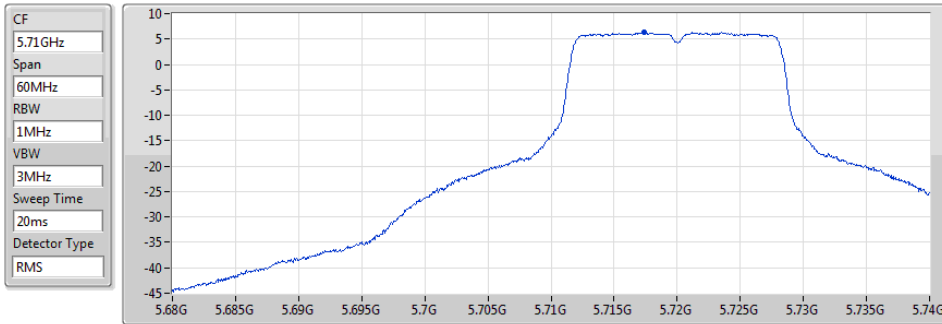


Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
3.17	3.17	3.17

802.11a_Nss1,(6Mbps)_1TX 5720MHz Straddle 5.47-5.725GHz

PSD

19/04/2019

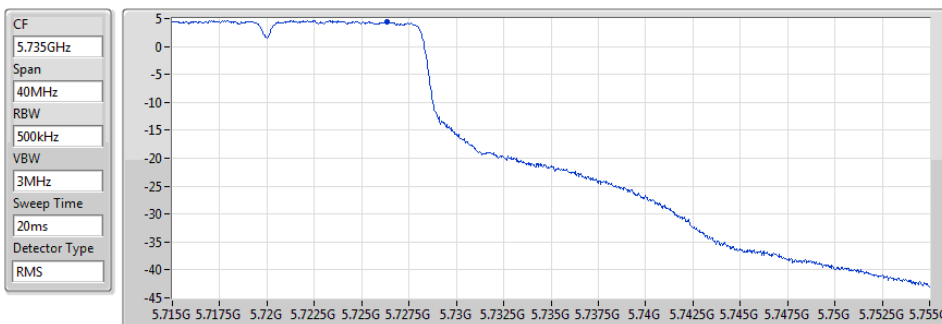


Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.27	6.27	6.27

802.11a_Nss1,(6Mbps)_1TX 5720MHz Straddle 5.725-5.85GHz

PSD

19/04/2019

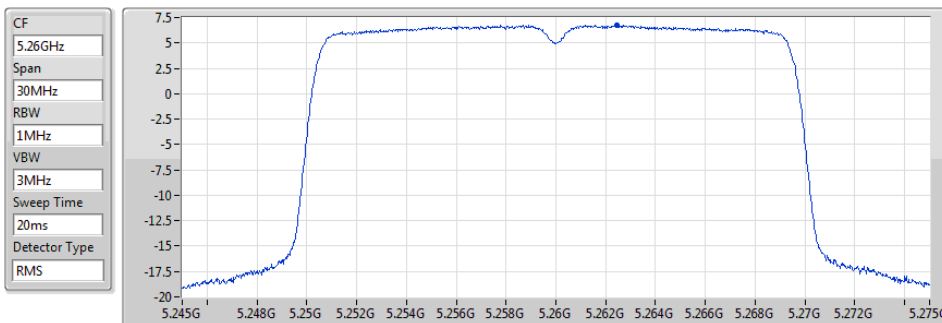


Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.47	4.47	4.47

802.11ax HEW20_Nss1,(MCS0)_1TX 5260MHz

PSD

19/04/2019



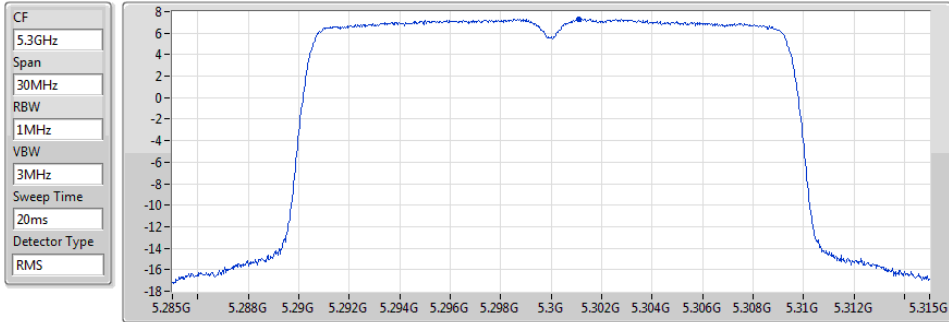
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.75	6.75	6.75

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5300MHz

19/04/2019

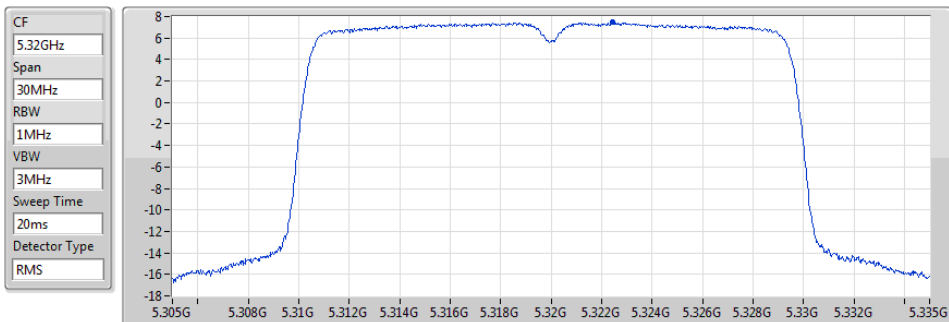


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5320MHz

19/04/2019

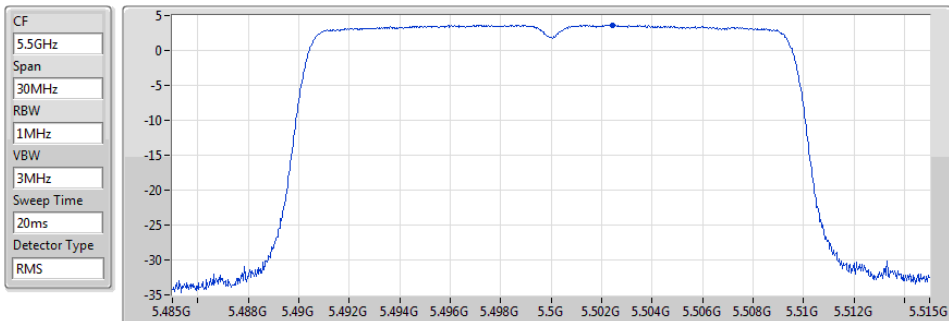


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5500MHz

19/04/2019

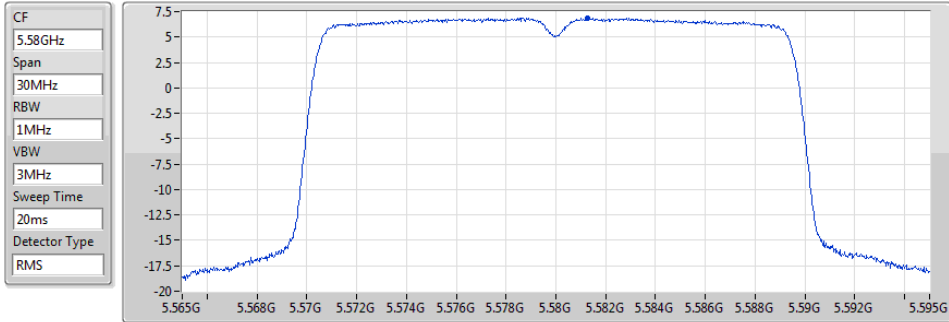


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5580MHz

19/04/2019



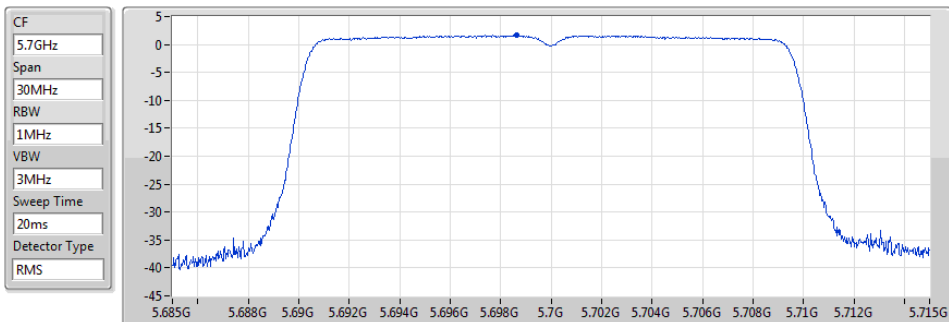
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.89	6.89	6.89

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5700MHz

19/04/2019



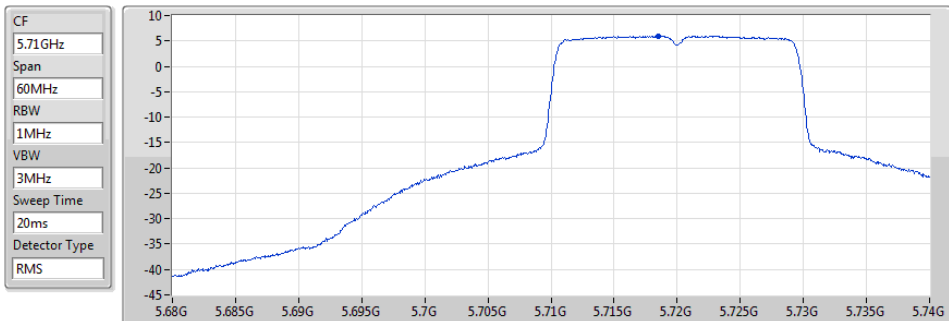
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.62	1.62	1.62

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

19/04/2019



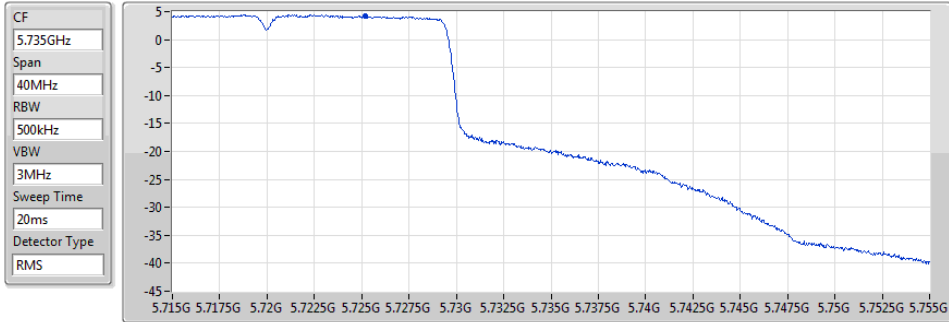
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.99	5.99	5.99

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.725-5.85GHz

19/04/2019



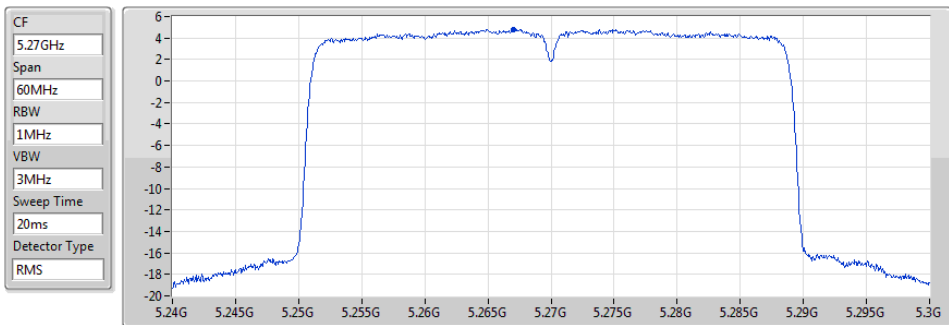
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.14	4.14	4.14

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5270MHz

19/04/2019



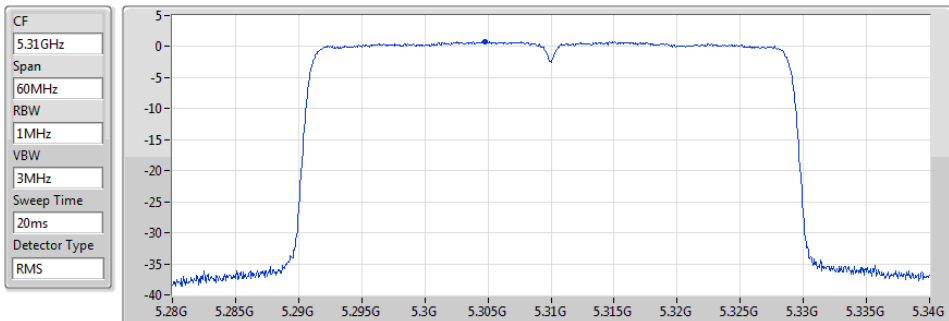
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.80	4.80	4.80

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5310MHz

19/04/2019



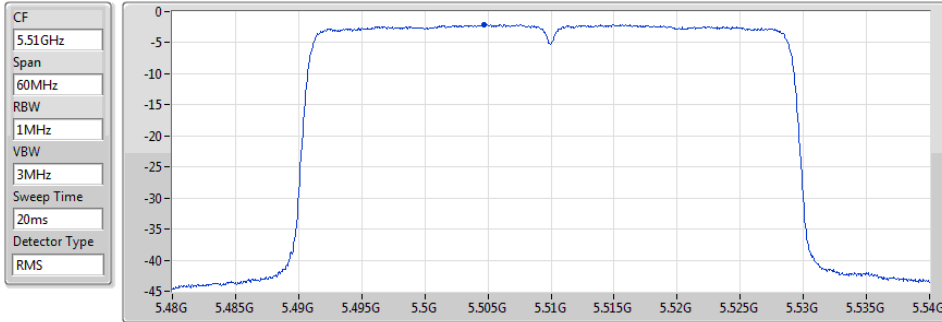
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.78	0.78	0.78

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5510MHz

19/04/2019



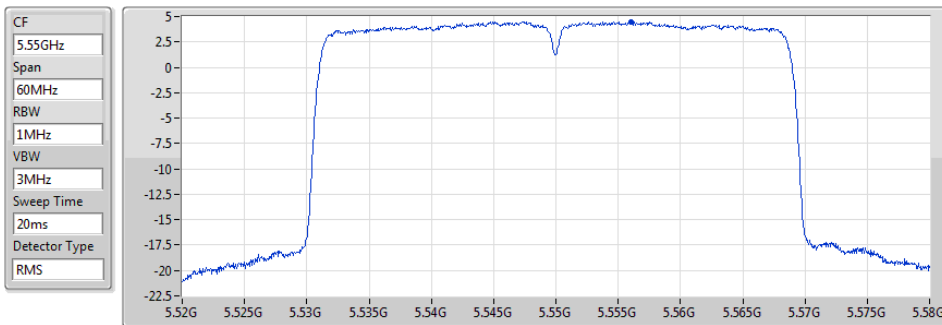
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.03	-2.03	-2.03

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5550MHz

19/04/2019



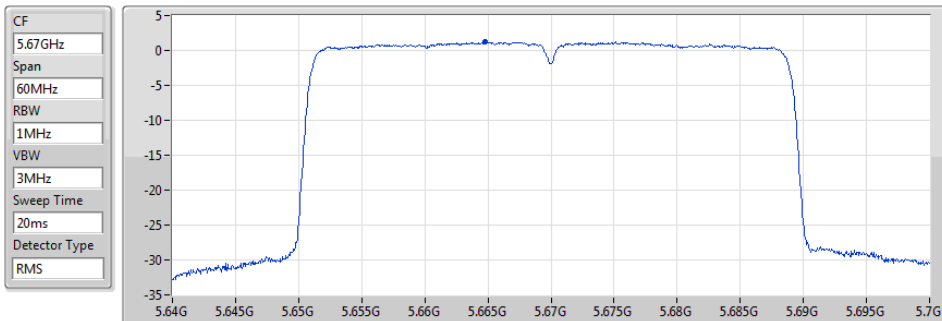
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.48	4.48	4.48

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5670MHz

19/04/2019



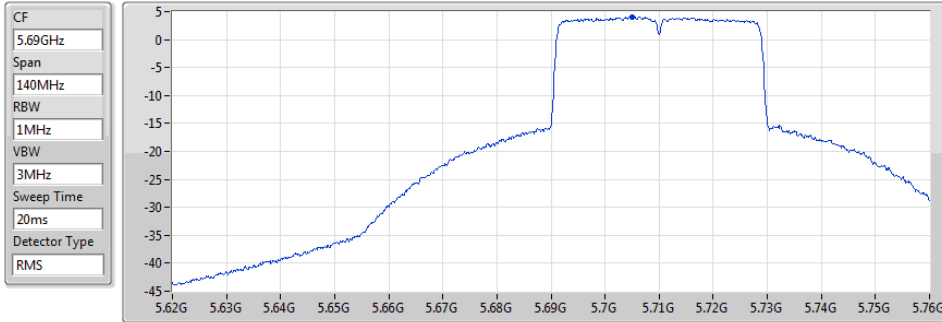
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.23	1.23	1.23

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.47-5.725GHz

19/04/2019



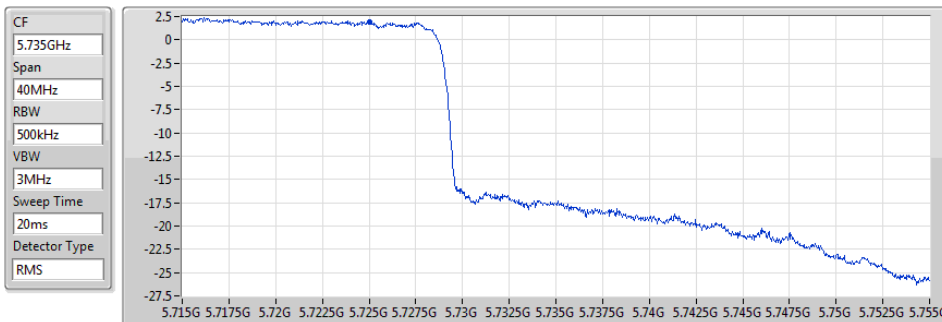
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.02	4.02	4.02

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.725-5.85GHz

19/04/2019



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.86	1.86	1.86

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5290MHz

19/04/2019



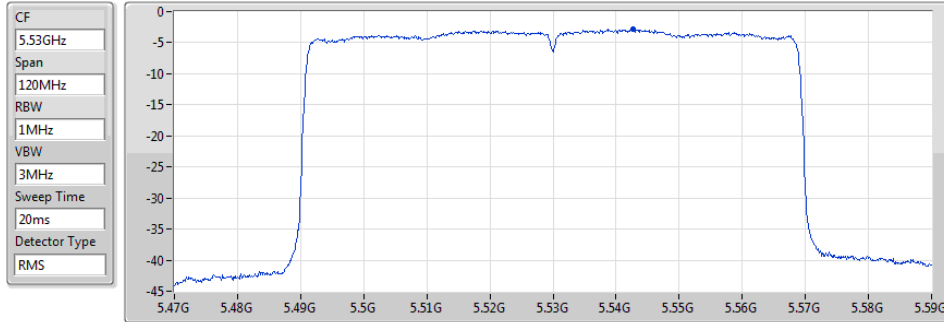
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.28	-2.28	-2.28

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5530MHz

19/04/2019



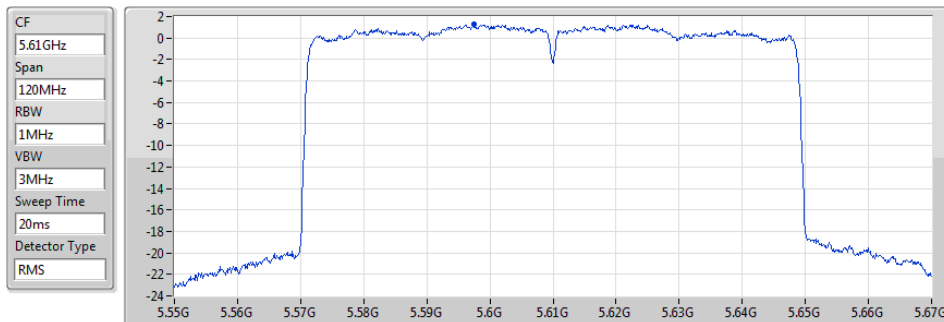
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.82	-2.82	-2.82

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5610MHz

19/04/2019



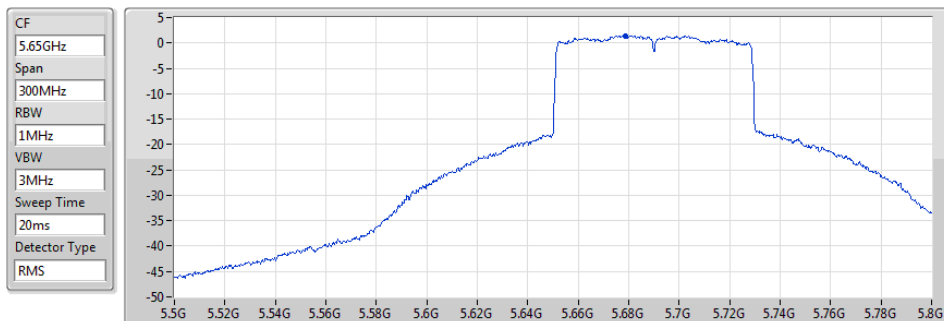
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.25	1.25	1.25

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.47-5.725GHz

19/04/2019



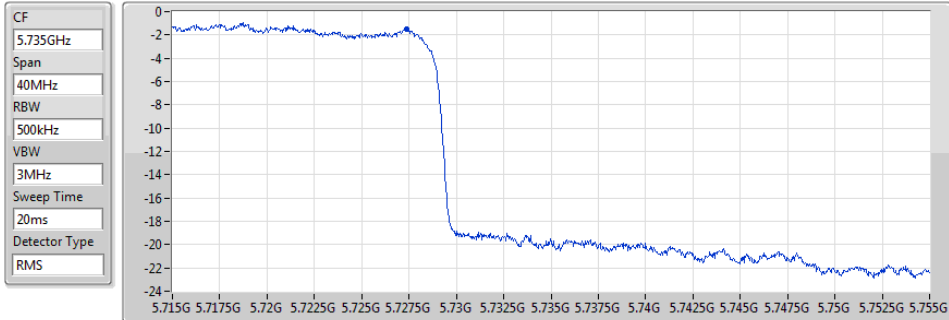
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.44	1.44	1.44

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.725-5.85GHz

19/04/2019



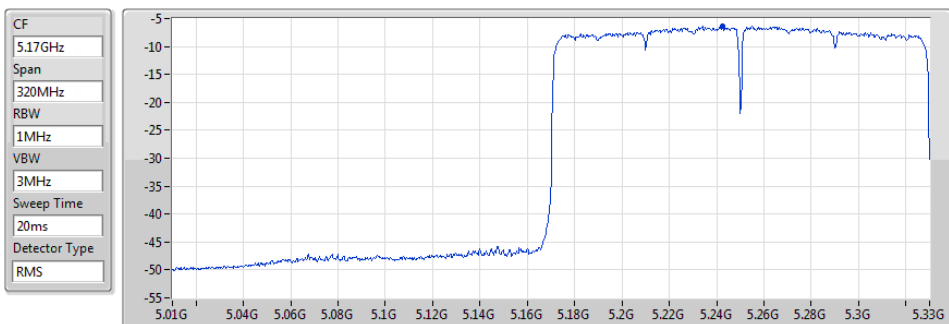
Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-1.49	-1.49	-1.49

802.11ax HEW160_Nss1,(MCS0)_1TX

PSD

5250MHz Straddle 5.15-5.25GHz

19/04/2019



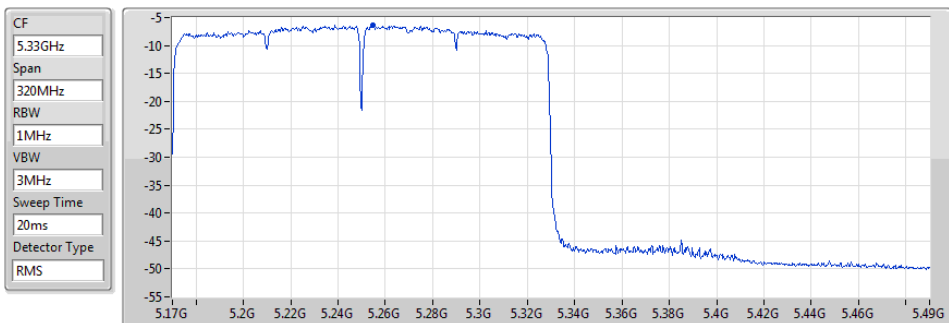
Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-6.39	-6.39	-6.39

802.11ax HEW160_Nss1,(MCS0)_1TX

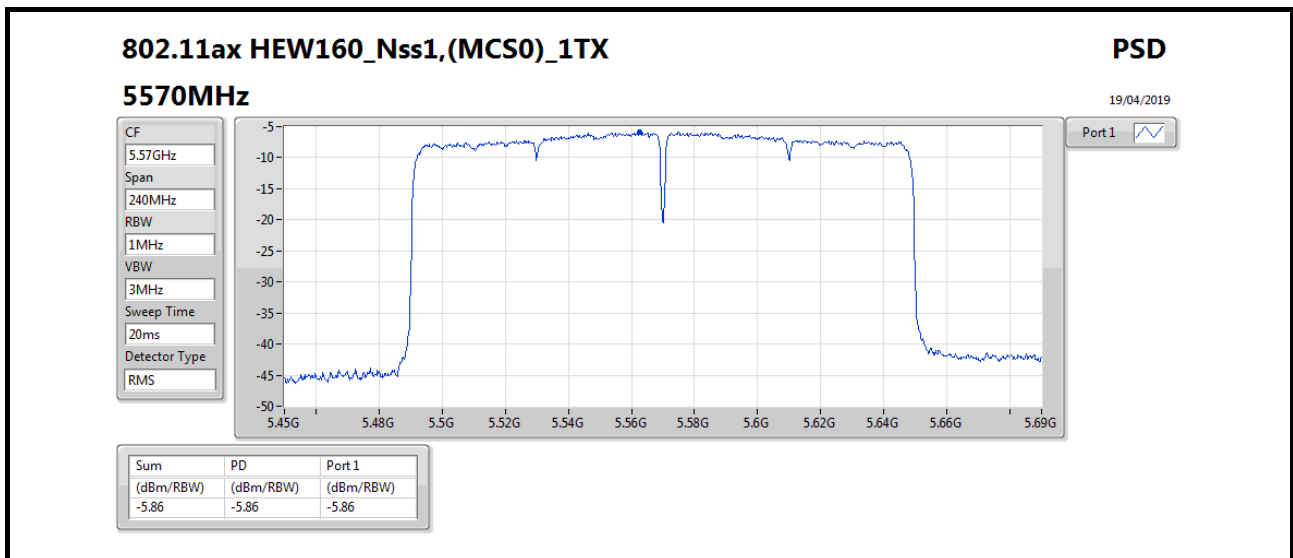
PSD

5250MHz Straddle 5.25-5.35GHz

19/04/2019



Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-6.42	-6.42	-6.42



**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 2 ~ Band 4:
Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW160_Nss2,(MCS0)_2TX	-4.60
5.25-5.35GHz	-
802.11ax HEW20_Nss2,(MCS0)_2TX	10.09
802.11ax HEW40_Nss2,(MCS0)_2TX	7.34
802.11ax HEW80_Nss2,(MCS0)_2TX	-0.00
802.11ax HEW160_Nss2,(MCS0)_2TX	-4.12
5.47-5.725GHz	-
802.11ax HEW20_Nss2,(MCS0)_2TX	9.84
802.11ax HEW40_Nss2,(MCS0)_2TX	7.43
802.11ax HEW80_Nss2,(MCS0)_2TX	4.60
802.11ax HEW160_Nss2,(MCS0)_2TX	-3.80
5.725-5.85GHz	-
802.11ax HEW20_Nss2,(MCS0)_2TX	7.17
802.11ax HEW40_Nss2,(MCS0)_2TX	4.68
802.11ax HEW80_Nss2,(MCS0)_2TX	1.67

RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	6.16	6.69	6.58	9.57	10.84
5300MHz	Pass	6.16	7.21	7.02	10.09	10.84
5320MHz	Pass	6.16	4.53	3.78	7.16	10.84
5500MHz	Pass	6.16	3.82	3.06	6.43	10.84
5580MHz	Pass	6.16	6.94	6.78	9.84	10.84
5700MHz	Pass	6.16	1.59	1.92	4.73	10.84
5720MHz Straddle 5.47-5.725GHz	Pass	6.16	6.10	5.81	8.89	10.84
5720MHz Straddle 5.725-5.85GHz	Pass	6.16	4.28	4.11	7.17	29.84
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	6.16	4.39	4.32	7.34	10.84
5310MHz	Pass	6.16	-0.87	-1.16	1.97	10.84
5510MHz	Pass	6.16	-3.27	-3.63	-0.49	10.84
5550MHz	Pass	6.16	4.43	4.55	7.43	10.84
5670MHz	Pass	6.16	0.75	1.11	3.88	10.84
5710MHz Straddle 5.47-5.725GHz	Pass	6.16	4.09	3.81	6.90	10.84
5710MHz Straddle 5.725-5.85GHz	Pass	6.16	1.83	1.66	4.68	29.84
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	6.16	-3.04	-2.86	-0.00	10.84
5530MHz	Pass	6.16	-3.40	-3.61	-0.55	10.84
5610MHz	Pass	6.16	0.79	0.56	3.62	10.84
5690MHz Straddle 5.47-5.725GHz	Pass	6.16	1.79	1.56	4.60	10.84
5690MHz Straddle 5.725-5.85GHz	Pass	6.16	-1.33	-1.35	1.67	29.84
802.11ax HEW160_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.16	-7.34	-7.62	-4.60	16.84
5250MHz Straddle 5.25-5.35GHz	Pass	6.16	-6.76	-7.33	-4.12	10.84
5570MHz	Pass	6.16	-6.66	-6.82	-3.80	10.84

DG = Directional Gain; **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

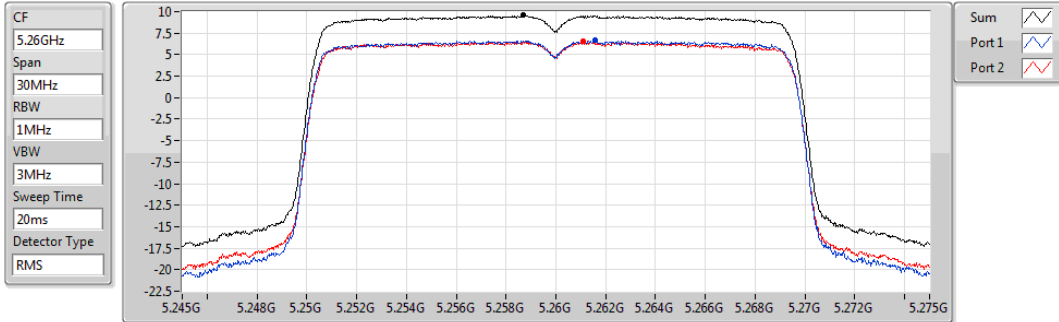
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port Xpower density;

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5260MHz

19/04/2019



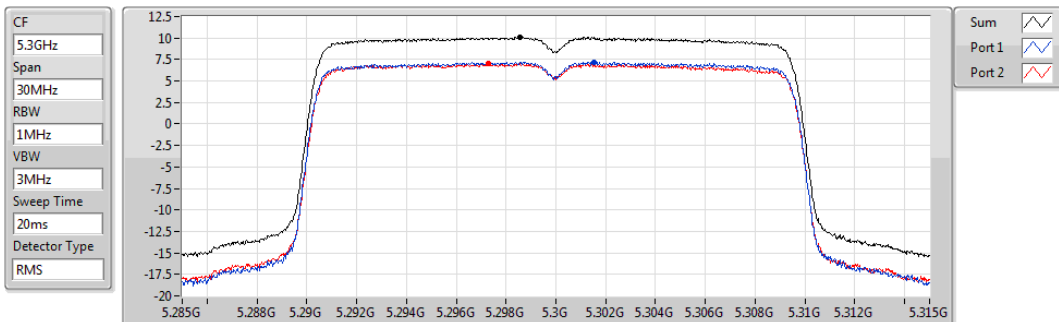
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
9.57	9.57	6.69	6.58

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5300MHz

19/04/2019



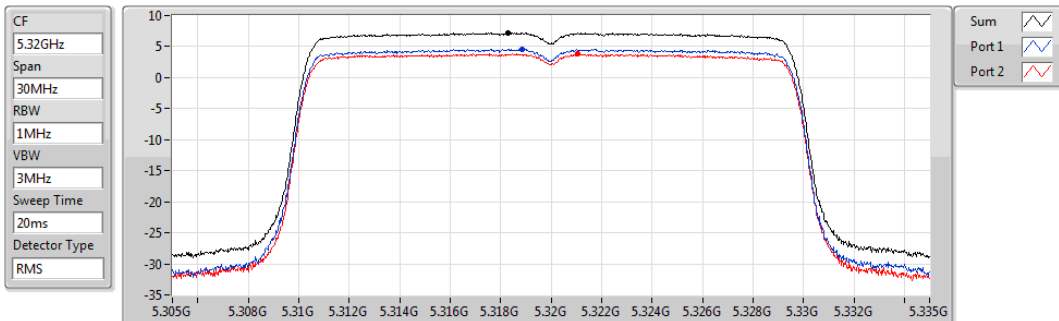
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
10.09	10.09	7.21	7.02

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5320MHz

19/04/2019



Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
7.16	7.16	4.53	3.78

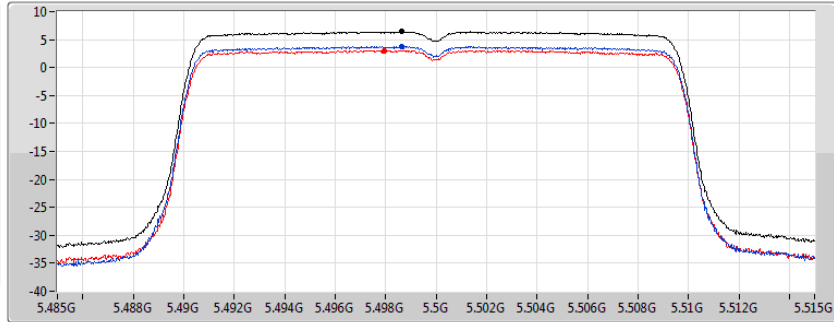
802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5500MHz

19/04/2019

CF
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.43	6.43	3.82	3.06

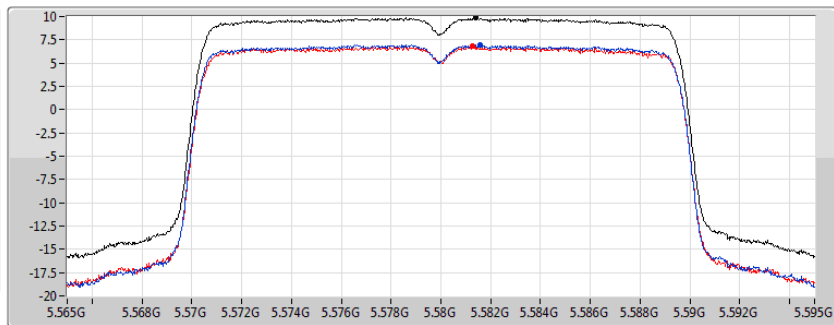
802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5580MHz

19/04/2019

CF
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.84	9.84	6.94	6.78

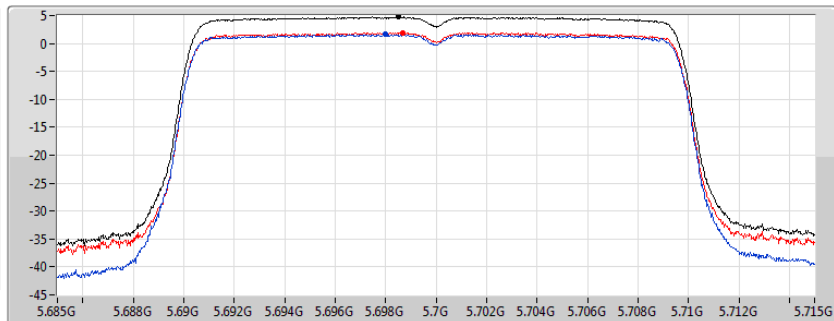
802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5700MHz

19/04/2019

CF
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

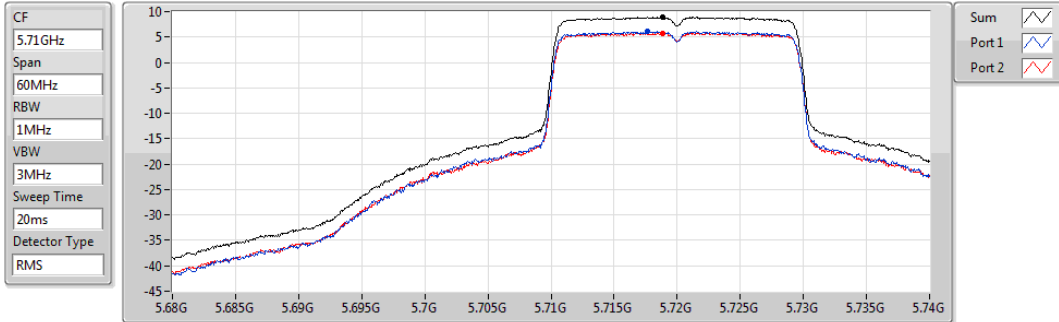
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.73	4.73	1.59	1.92

802.11ax HEW20_Nss2,(MCS0)_2TX

5720MHz Straddle 5.47-5.725GHz

PSD

19/04/2019



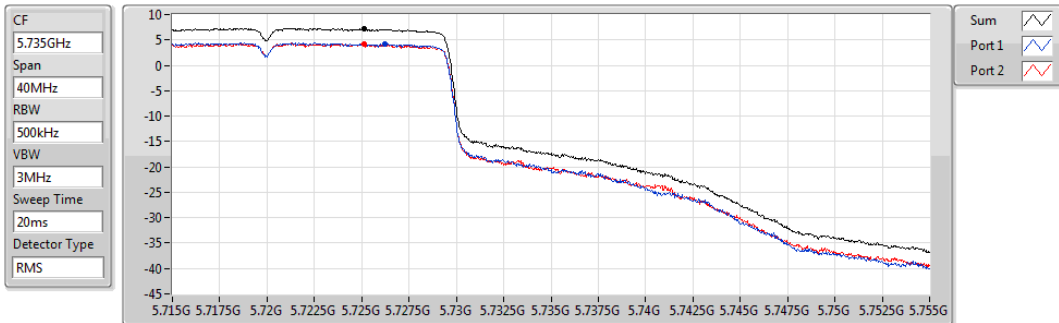
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.89	8.89	6.10	5.81

802.11ax HEW20_Nss2,(MCS0)_2TX

5720MHz Straddle 5.725-5.85GHz

PSD

19/04/2019



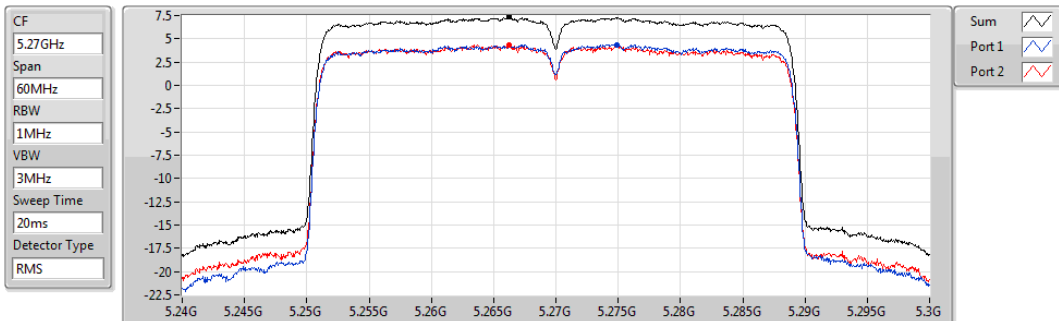
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.17	7.17	4.28	4.11

802.11ax HEW40_Nss2,(MCS0)_2TX

5270MHz

PSD

19/04/2019



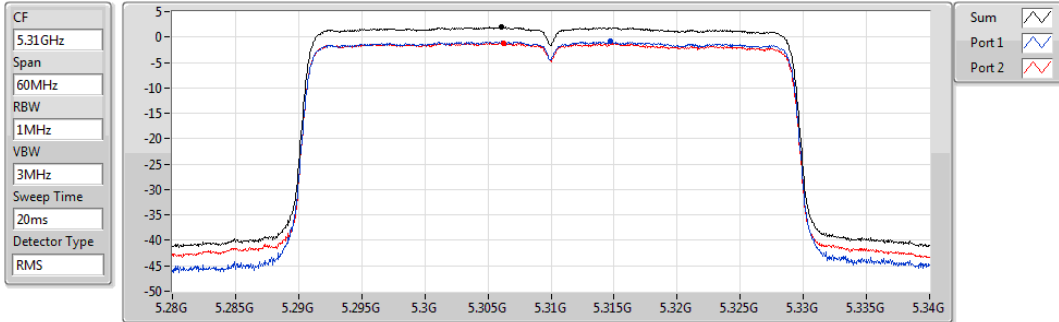
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.34	7.34	4.39	4.32

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5310MHz

19/04/2019



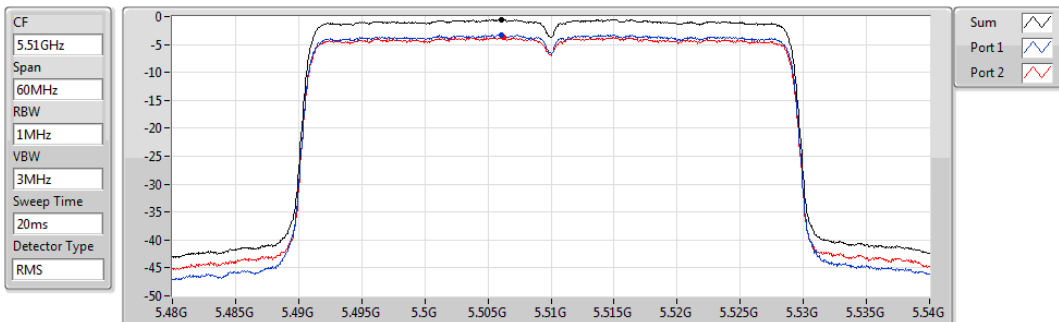
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.97	1.97	-0.87	-1.16

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5510MHz

19/04/2019



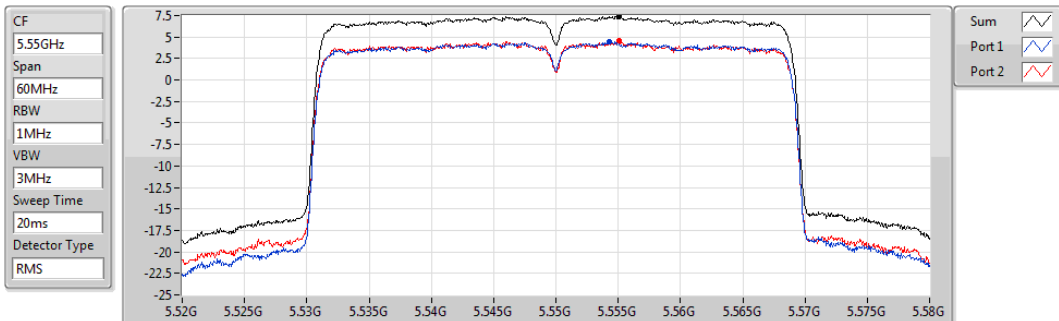
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.49	-0.49	-3.27	-3.63

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5550MHz

19/04/2019



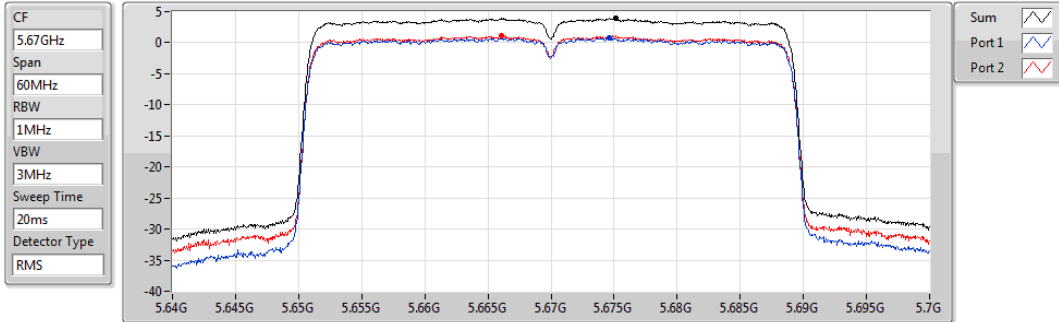
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.43	7.43	4.43	4.55

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5670MHz

19/04/2019



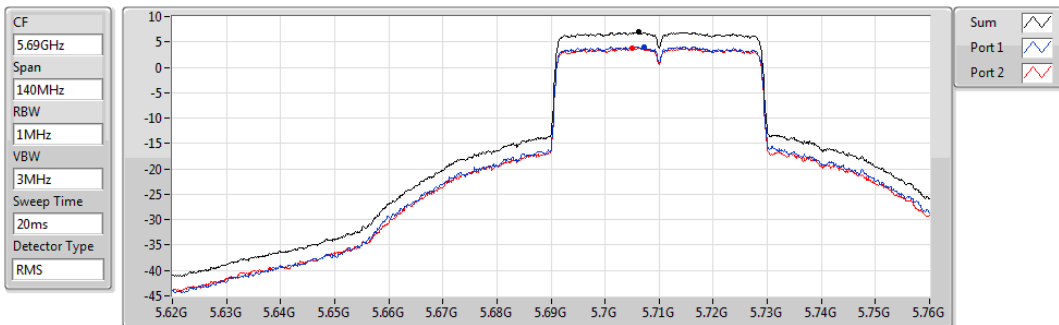
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.88	3.88	0.75	1.11

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

19/04/2019



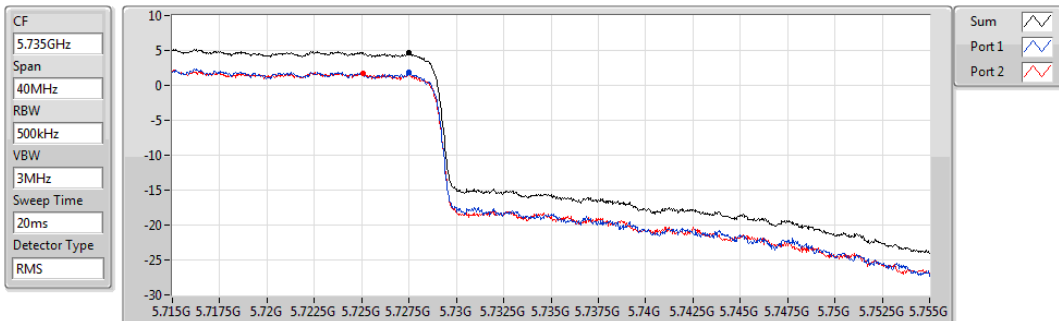
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.90	6.90	4.09	3.81

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5710MHz Straddle 5.725-5.85GHz

19/04/2019



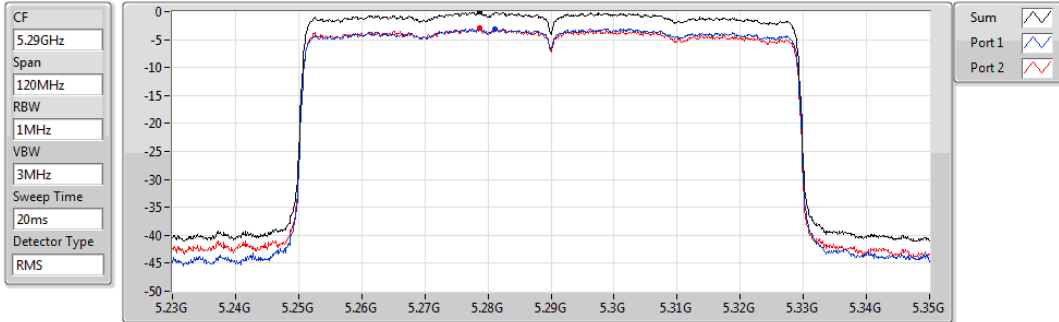
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.68	4.68	1.83	1.66

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5290MHz

19/04/2019



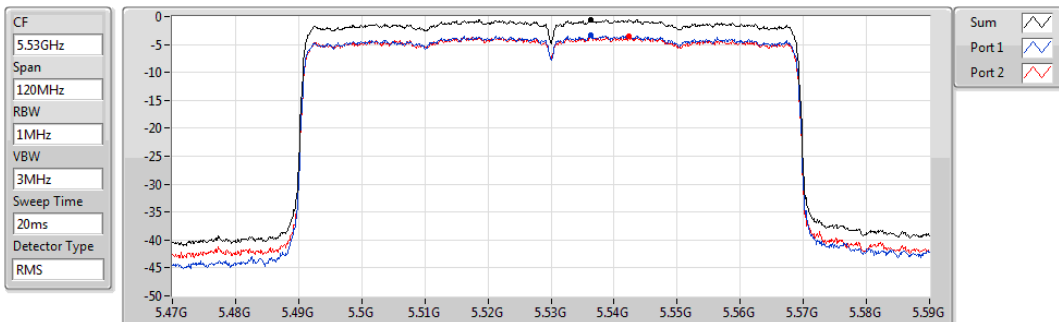
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.00	-0.00	-3.04	-2.86

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5530MHz

19/04/2019



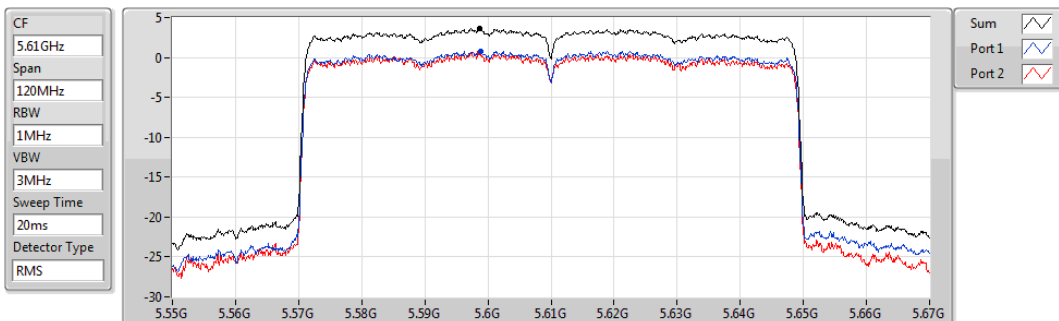
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.55	-0.55	-3.40	-3.61

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5610MHz

19/04/2019



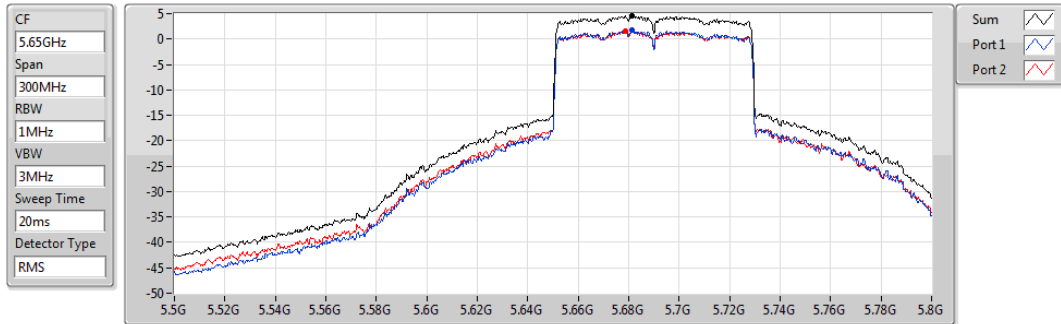
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.62	3.62	0.79	0.56

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

19/04/2019



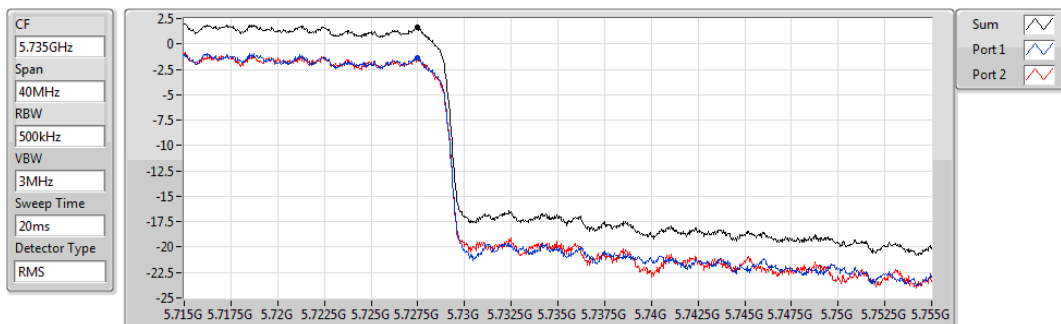
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.60	4.60	1.79	1.56

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

19/04/2019



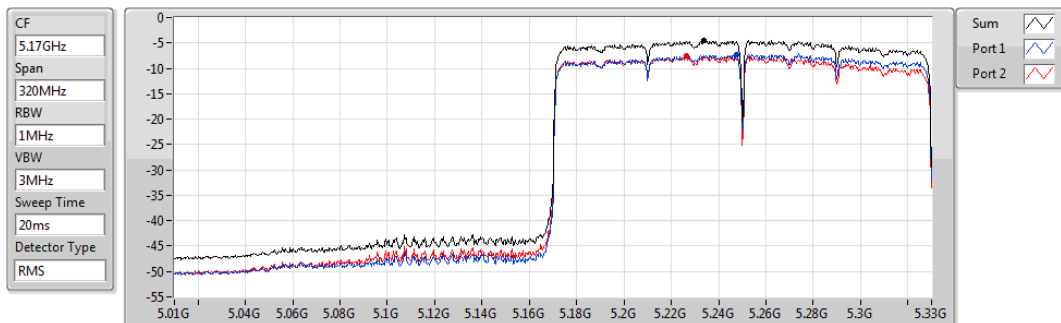
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.67	1.67	-1.33	-1.35

802.11ax HEW160_Nss2,(MCS0)_2TX

PSD

5250MHz Straddle 5.15-5.25GHz

19/04/2019



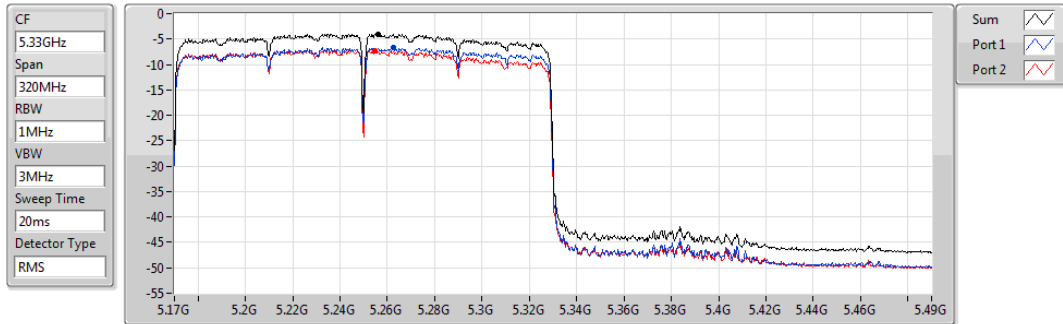
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.60	-4.60	-7.34	-7.62

802.11ax HEW160_Nss2,(MCS0)_2TX

PSD

5250MHz Straddle 5.25-5.35GHz

19/04/2019



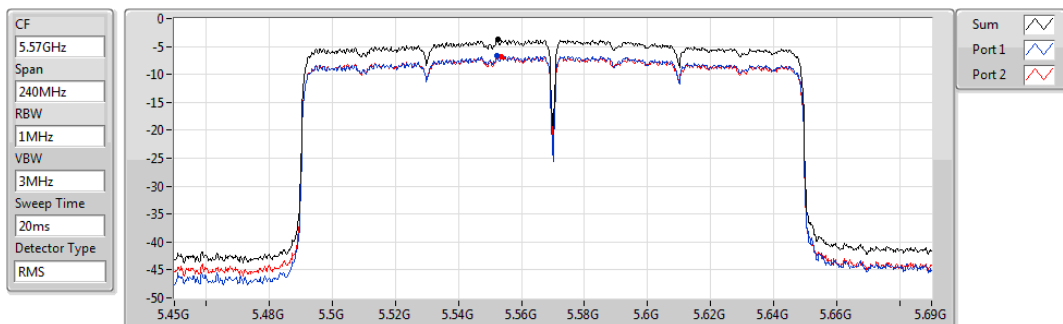
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-4.12	-4.12	-6.76	-7.33

802.11ax HEW160_Nss2,(MCS0)_2TX

PSD

5570MHz

19/04/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-3.80	-3.80	-6.66	-6.82

**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 2 ~ Band 4:
Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW160_Nss1,(MCS0)_4TX	-2.82
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_4TX	4.72
802.11ax HEW20_Nss1,(MCS0)_4TX	4.64
802.11ax HEW40_Nss1,(MCS0)_4TX	4.65
802.11ax HEW80_Nss1,(MCS0)_4TX	1.69
802.11ax HEW160_Nss1,(MCS0)_4TX	-2.59
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_4TX	4.75
802.11ax HEW20_Nss1,(MCS0)_4TX	4.73
802.11ax HEW40_Nss1,(MCS0)_4TX	4.80
802.11ax HEW80_Nss1,(MCS0)_4TX	4.74
802.11ax HEW160_Nss1,(MCS0)_4TX	-1.34
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	2.73
802.11ax HEW20_Nss1,(MCS0)_4TX	2.75
802.11ax HEW40_Nss1,(MCS0)_4TX	2.47
802.11ax HEW80_Nss1,(MCS0)_4TX	1.54

RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

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)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	12.18	-0.85	-1.51	-0.41	-2.02	4.72	4.82
5300MHz	Pass	12.18	-1.08	-1.50	-0.49	-1.97	4.68	4.82
5320MHz	Pass	12.18	-0.70	-1.43	-0.71	-1.96	4.72	4.82
5500MHz	Pass	12.18	-1.51	-2.04	-0.79	-1.02	4.58	4.82
5580MHz	Pass	12.18	-1.64	-2.12	-0.56	-0.87	4.67	4.82
5700MHz	Pass	12.18	-1.62	-1.49	-0.64	-1.08	4.70	4.82
5720MHz Straddle 5.47-5.725GHz	Pass	12.18	-1.47	-1.52	-0.60	-1.06	4.75	4.82
5720MHz Straddle 5.725-5.85GHz	Pass	12.18	-3.33	-3.50	-2.93	-3.07	2.73	23.82
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	12.18	-0.86	-1.79	-0.86	-1.76	4.62	4.82
5300MHz	Pass	12.18	-1.04	-1.50	-0.66	-2.19	4.59	4.82
5320MHz	Pass	12.18	-1.01	-1.41	-0.62	-2.11	4.64	4.82
5500MHz	Pass	12.18	-1.71	-1.98	-0.62	-1.09	4.64	4.82
5580MHz	Pass	12.18	-1.81	-2.22	-0.30	-0.79	4.73	4.82
5700MHz	Pass	12.18	-2.73	-2.85	-2.36	-2.08	3.41	4.82
5720MHz Straddle 5.47-5.725GHz	Pass	12.18	-1.43	-1.60	-1.09	-0.85	4.65	4.82
5720MHz Straddle 5.725-5.85GHz	Pass	12.18	-3.43	-3.53	-2.82	-2.99	2.75	23.82
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	12.18	-1.23	-1.35	-0.85	-1.57	4.65	4.82
5310MHz	Pass	12.18	-1.17	-1.27	-1.18	-1.50	4.65	4.82
5510MHz	Pass	12.18	-2.45	-3.19	-2.14	-1.83	3.55	4.82
5550MHz	Pass	12.18	-1.41	-1.64	-1.08	-0.73	4.69	4.82
5670MHz	Pass	12.18	-1.63	-2.03	-0.50	-0.50	4.80	4.82
5710MHz Straddle 5.47-5.725GHz	Pass	12.18	-2.05	-2.17	-0.59	-0.62	4.70	4.82
5710MHz Straddle 5.725-5.85GHz	Pass	12.18	-4.32	-3.92	-2.93	-3.13	2.47	23.82
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	12.18	-4.13	-4.68	-3.67	-4.61	1.69	4.82
5530MHz	Pass	12.18	-4.70	-5.00	-3.84	-4.02	1.51	4.82
5610MHz	Pass	12.18	-2.19	-2.04	-1.80	-1.53	4.01	4.82
5690MHz Straddle 5.47-5.725GHz	Pass	12.18	-1.58	-1.82	-1.05	-0.71	4.74	4.82
5690MHz Straddle 5.725-5.85GHz	Pass	12.18	-4.78	-4.47	-4.36	-4.05	1.54	23.82
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	12.18	-8.88	-8.89	-8.28	-8.81	-2.82	10.82
5250MHz Straddle 5.25-5.35GHz	Pass	12.18	-8.57	-9.13	-8.06	-8.50	-2.59	4.82
5570MHz	Pass	12.18	-7.57	-7.48	-7.21	-6.94	-1.34	4.82

DG = Directional Gain; **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

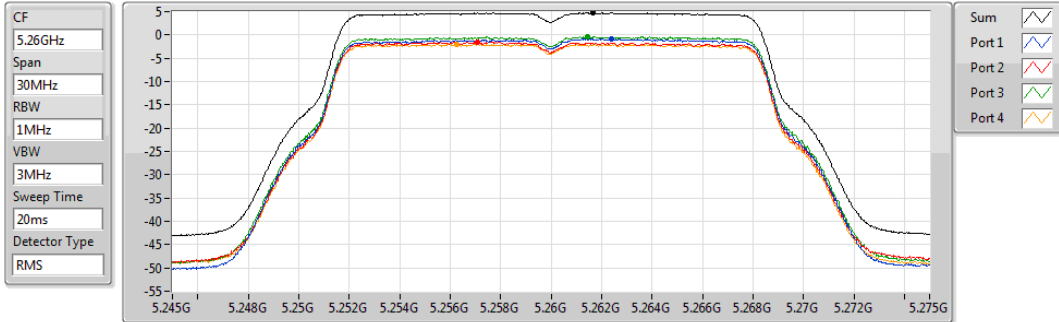
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port Xpower density;

802.11a_Nss1,(6Mbps)_4TX

PSD

5260MHz

19/04/2019



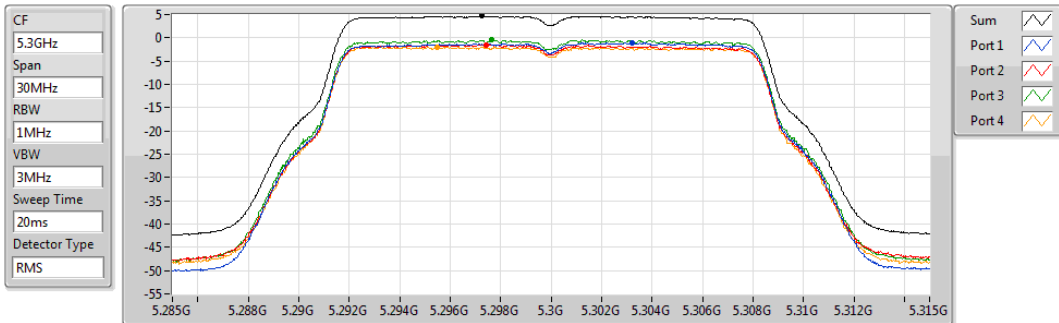
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.72	4.72	-0.85	-1.51	-0.41	-2.02

802.11a_Nss1,(6Mbps)_4TX

PSD

5300MHz

19/04/2019



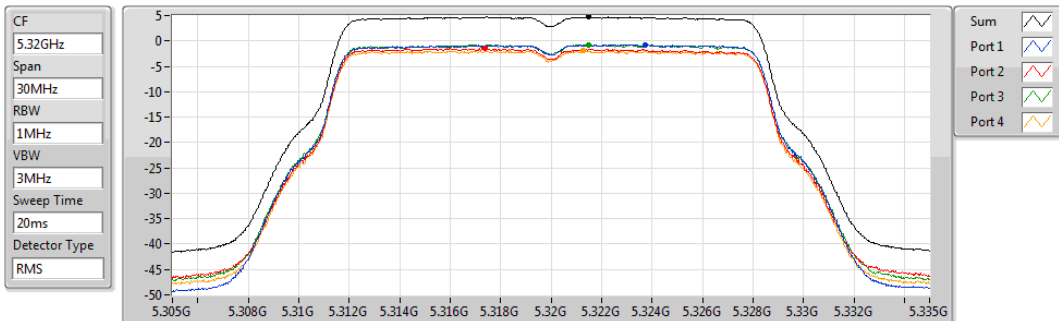
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.68	4.68	-1.08	-1.50	-0.49	-1.97

802.11a_Nss1,(6Mbps)_4TX

PSD

5320MHz

19/04/2019



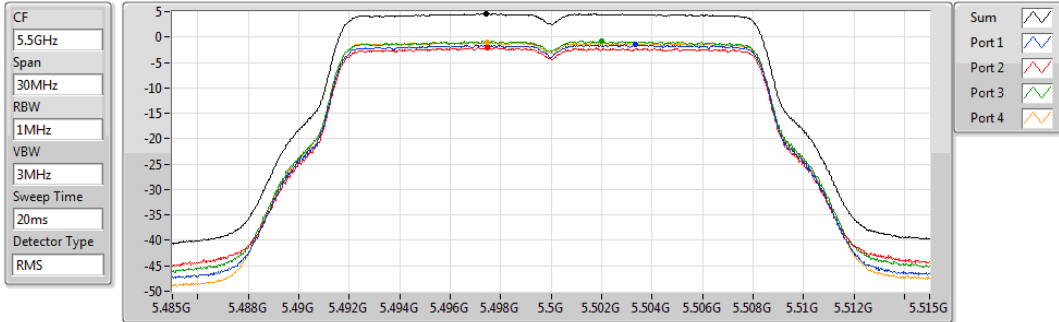
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.72	4.72	-0.70	-1.43	-0.71	-1.96

802.11a_Nss1,(6Mbps)_4TX

PSD

5500MHz

20/04/2019



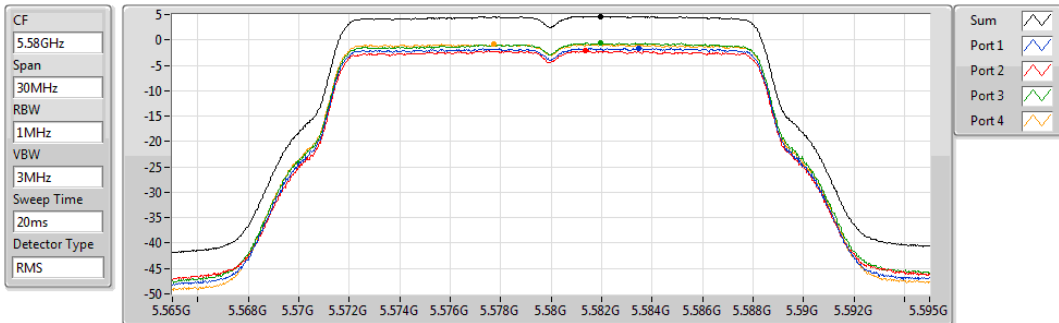
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.58	4.58	-1.51	-2.04	-0.79	-1.02

802.11a_Nss1,(6Mbps)_4TX

PSD

5580MHz

20/04/2019



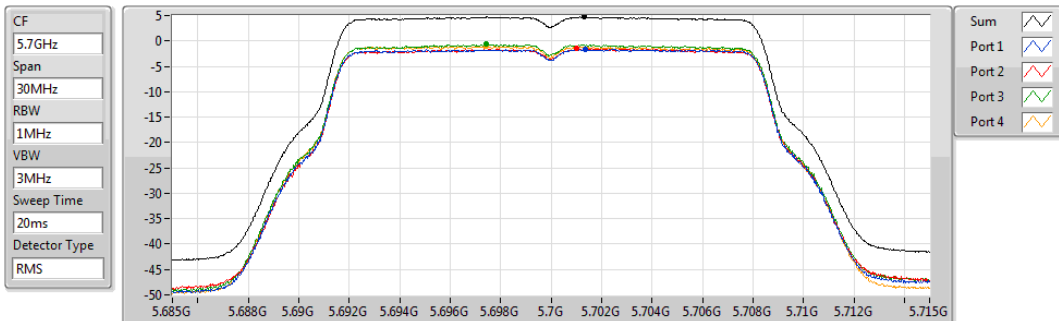
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.67	4.67	-1.64	-2.12	-0.56	-0.87

802.11a_Nss1,(6Mbps)_4TX

PSD

5700MHz

20/04/2019



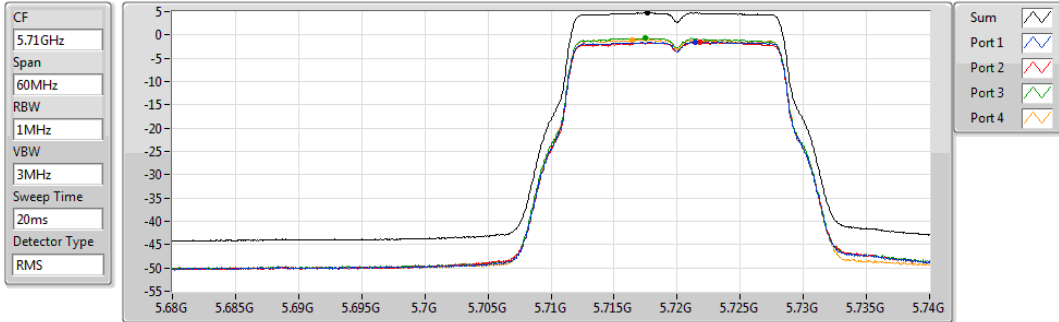
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.70	4.70	-1.62	-1.49	-0.64	-1.08

802.11a_Nss1,(6Mbps)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

20/04/2019



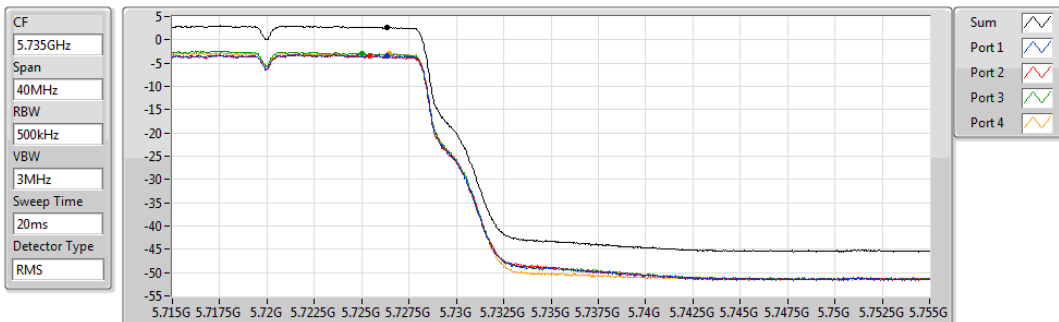
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
4.75	4.75	-1.47	-1.52	-0.60	-1.06

802.11a_Nss1,(6Mbps)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

20/04/2019



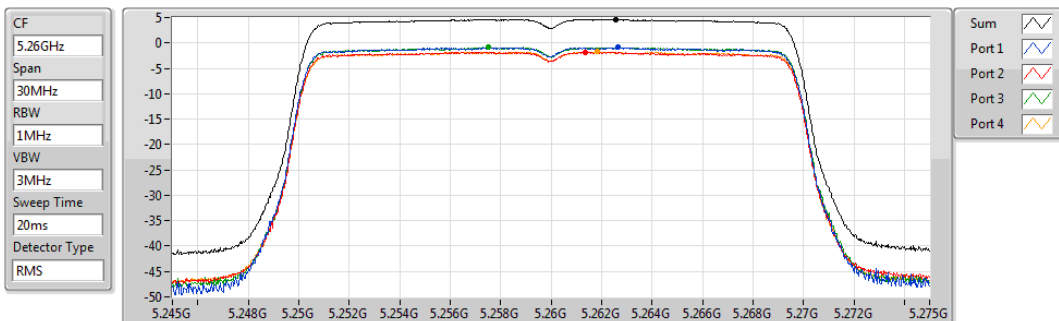
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
2.73	2.73	-3.33	-3.50	-2.93	-3.07

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5260MHz

20/04/2019



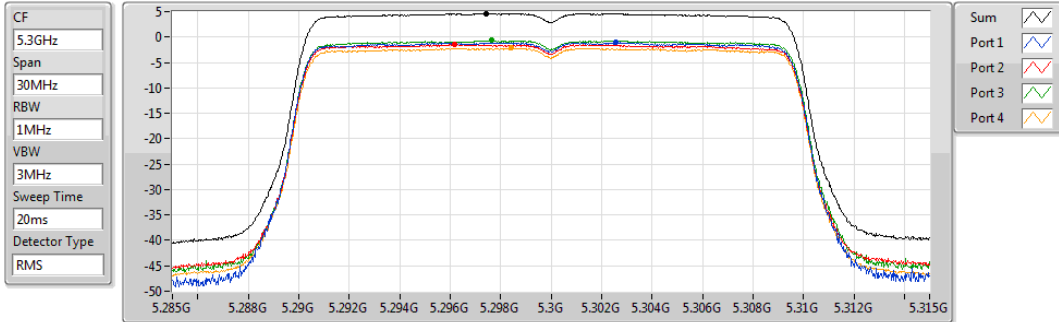
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
4.62	4.62	-0.86	-1.79	-0.86	-1.76

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5300MHz

20/04/2019

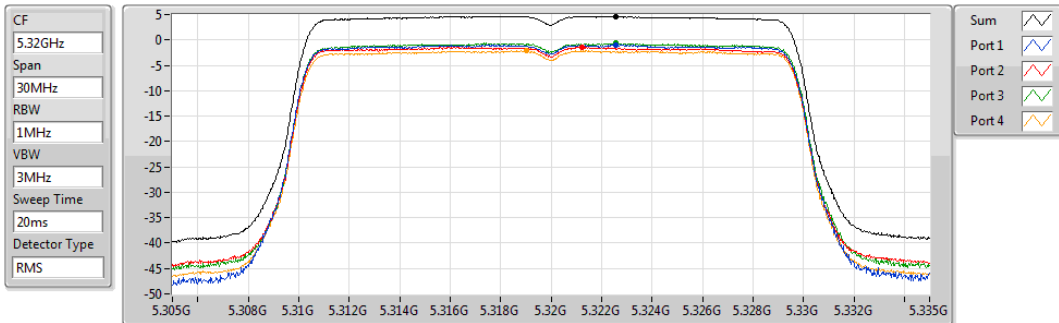


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5320MHz

20/04/2019

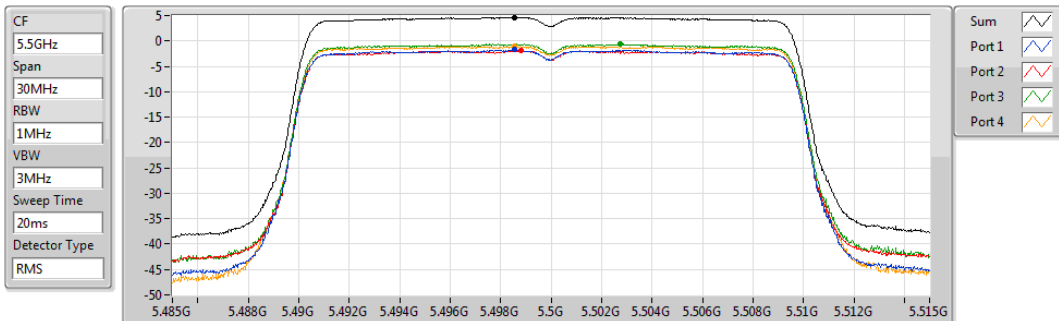


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5500MHz

20/04/2019

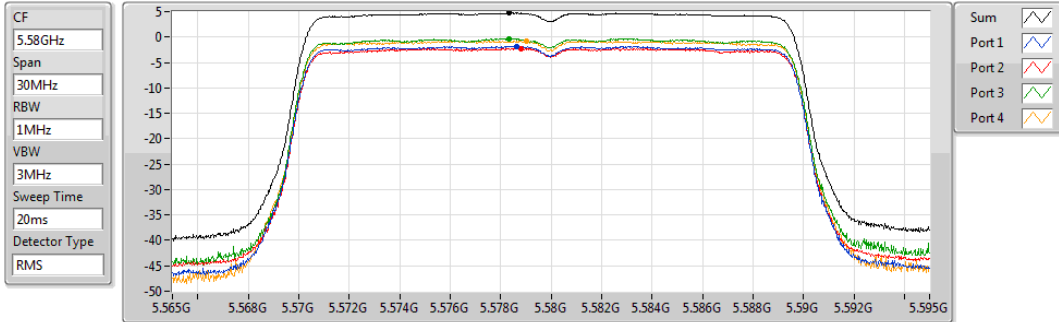


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5580MHz

20/04/2019



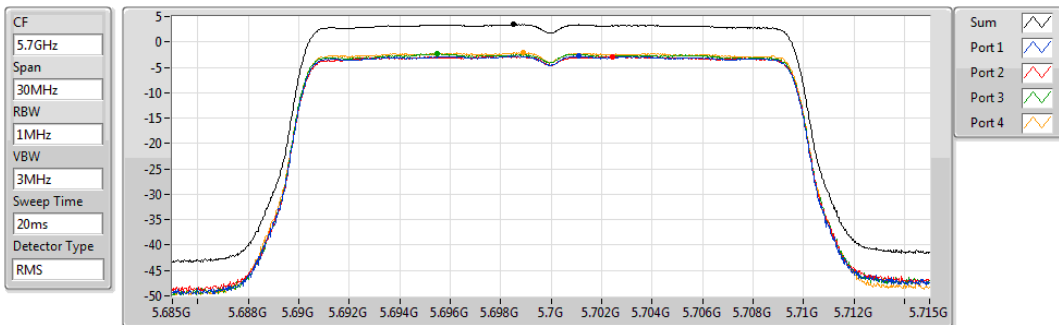
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.73	4.73	-1.81	-2.22	-0.30	-0.79

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5700MHz

20/04/2019



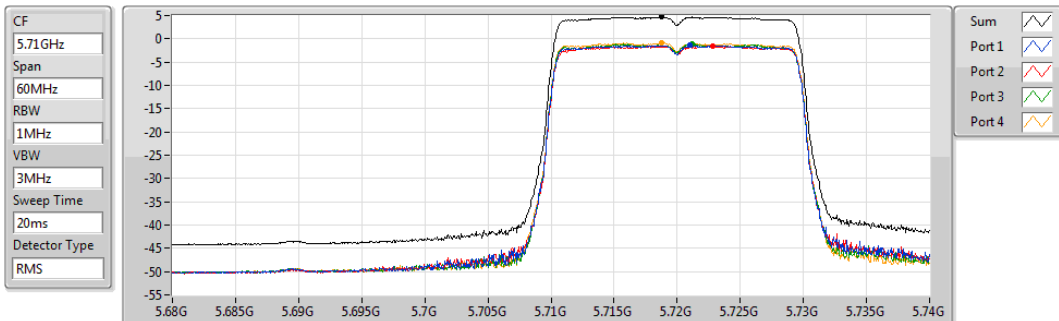
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.41	3.41	-2.73	-2.85	-2.36	-2.08

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

20/04/2019



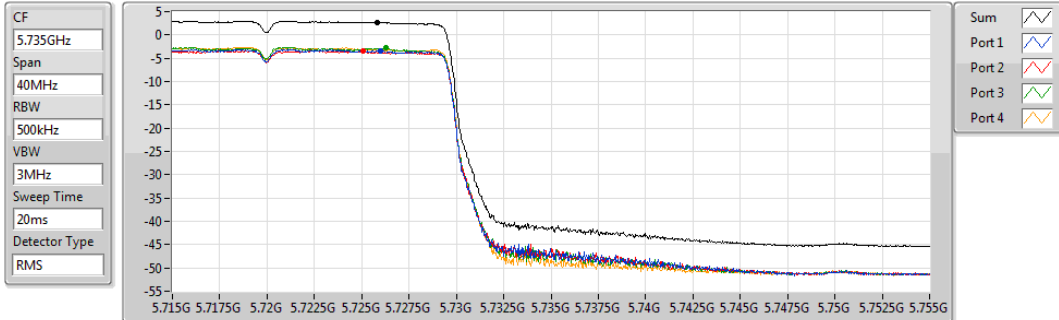
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.65	4.65	-1.43	-1.60	-1.09	-0.85

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

20/04/2019



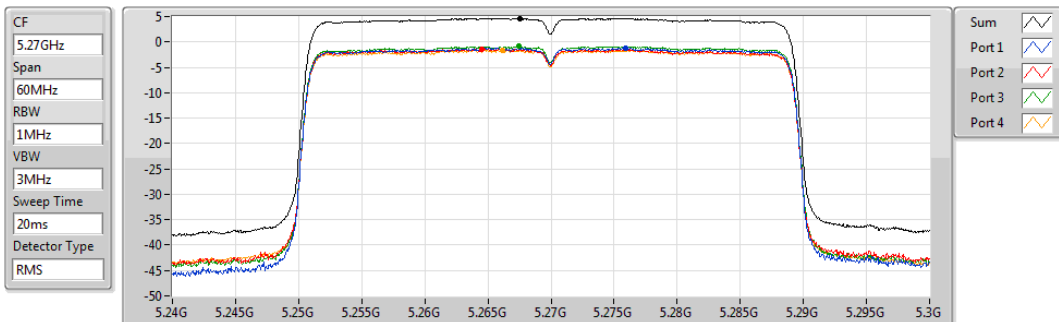
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.75	2.75	-3.43	-3.53	-2.82	-2.99

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5270MHz

20/04/2019



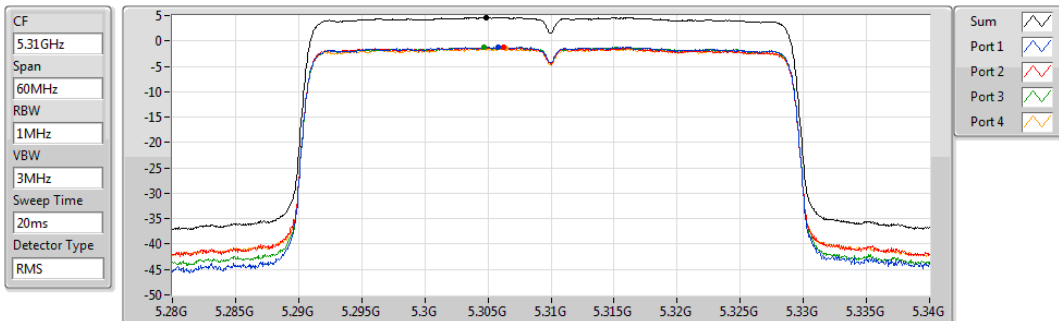
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.65	4.65	-1.23	-1.35	-0.85	-1.57

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5310MHz

20/04/2019



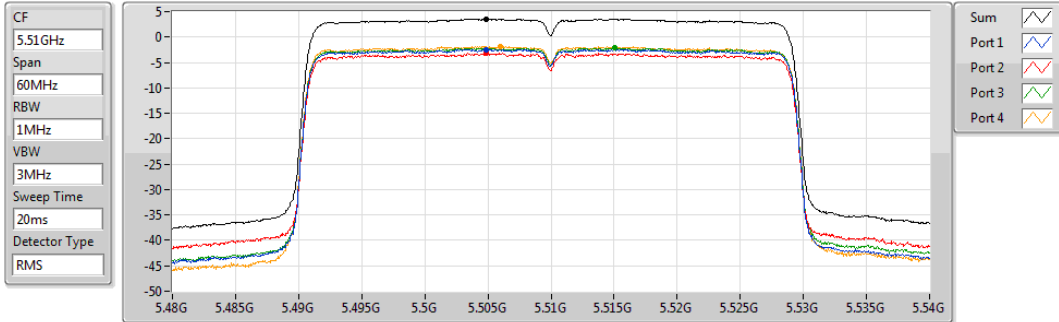
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.65	4.65	-1.17	-1.27	-1.18	-1.50

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5510MHz

20/04/2019



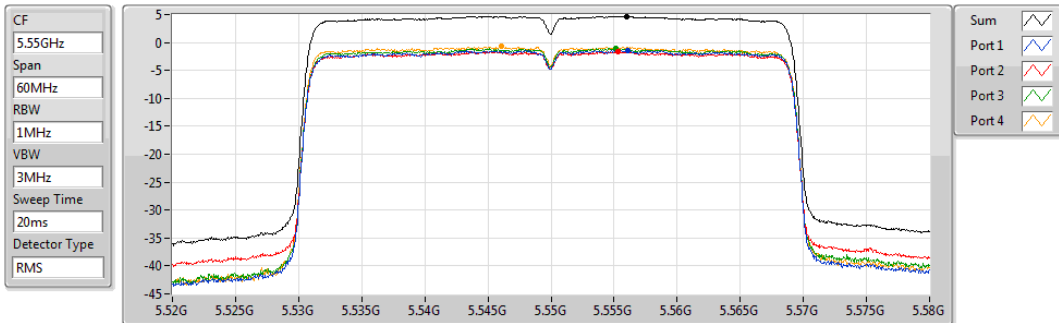
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.55	3.55	-2.45	-3.19	-2.14	-1.83

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5550MHz

20/04/2019



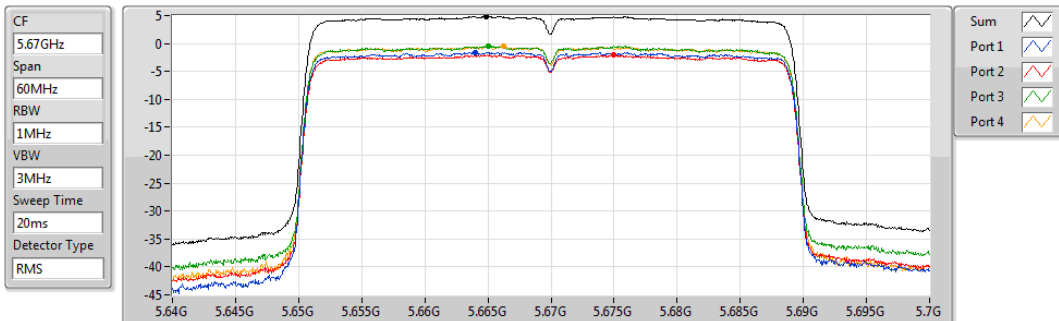
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.69	4.69	-1.41	-1.64	-1.08	-0.73

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5670MHz

20/04/2019



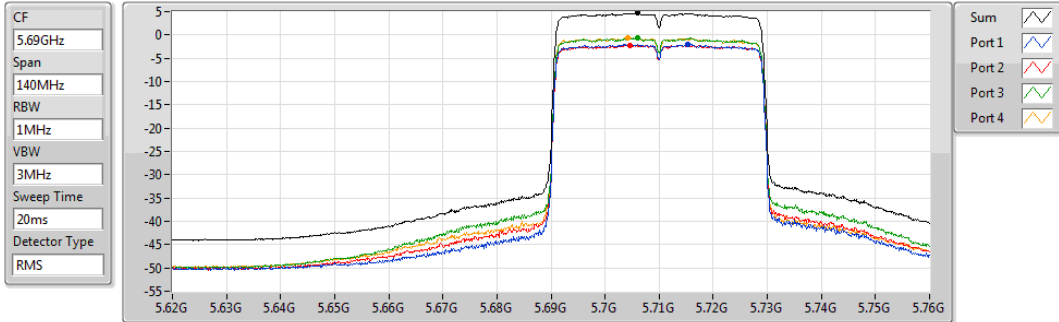
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.80	4.80	-1.63	-2.03	-0.50	-0.50

802.11ax HEW40_Nss1,(MCS0)_4TX

5710MHz Straddle 5.47-5.725GHz

PSD

20/04/2019



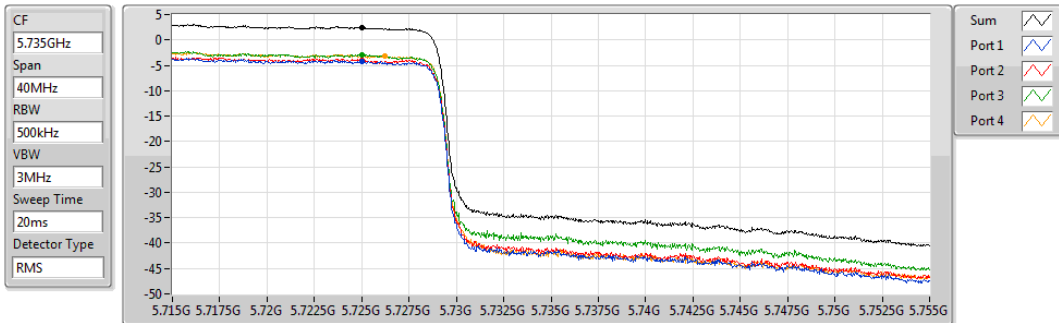
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.70	4.70	-2.05	-2.17	-0.59	-0.62

802.11ax HEW40_Nss1,(MCS0)_4TX

5710MHz Straddle 5.725-5.85GHz

PSD

20/04/2019



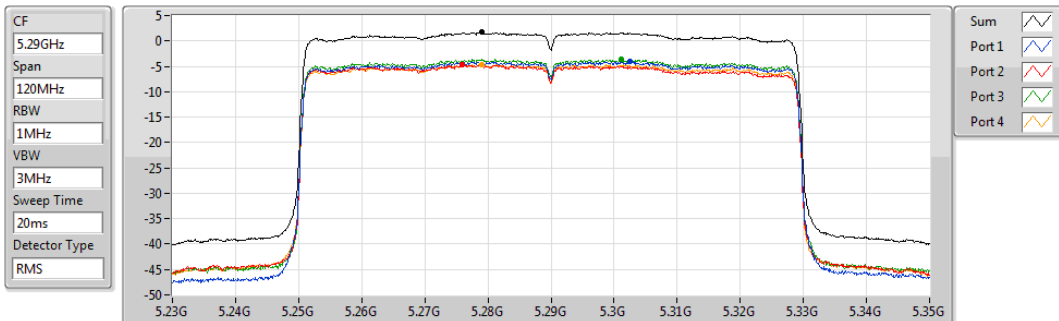
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.47	2.47	-4.32	-3.92	-2.93	-3.13

802.11ax HEW80_Nss1,(MCS0)_4TX

5290MHz

PSD

20/04/2019



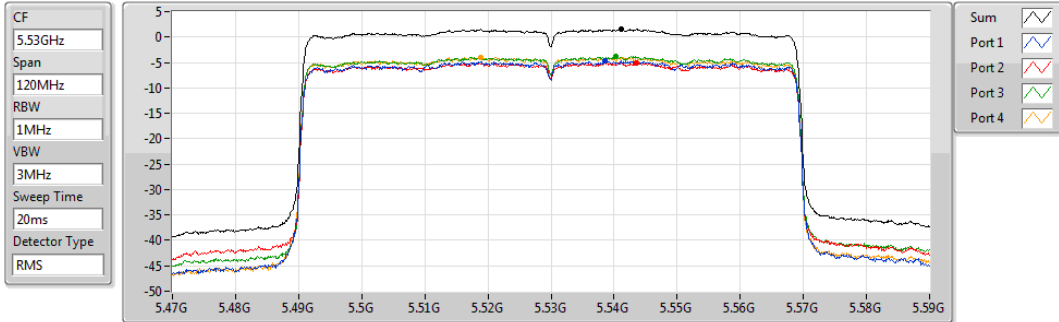
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.69	1.69	-4.13	-4.68	-3.67	-4.61

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5530MHz

20/04/2019



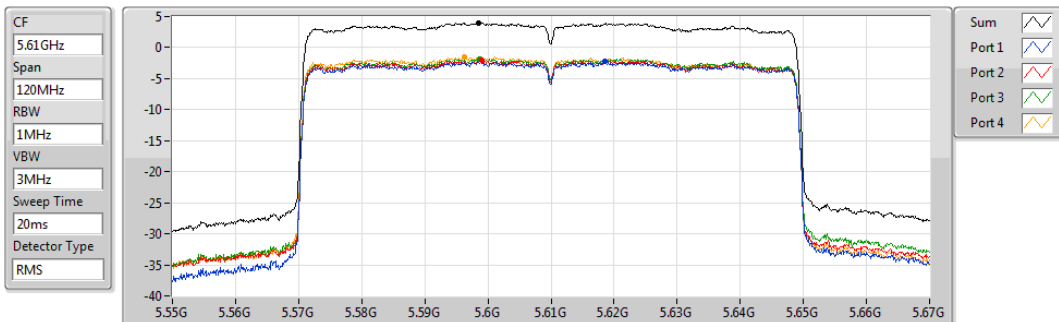
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
1.51	1.51	-4.70	-5.00	-3.84	-4.02

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5610MHz

20/04/2019



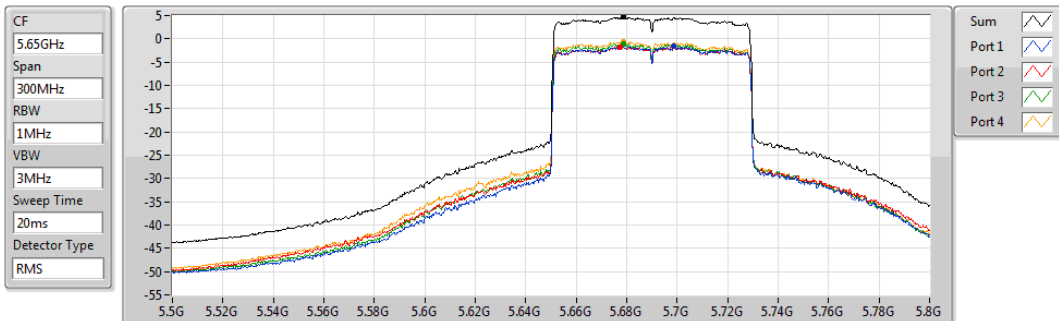
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
4.01	4.01	-2.19	-2.04	-1.80	-1.53

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

20/04/2019



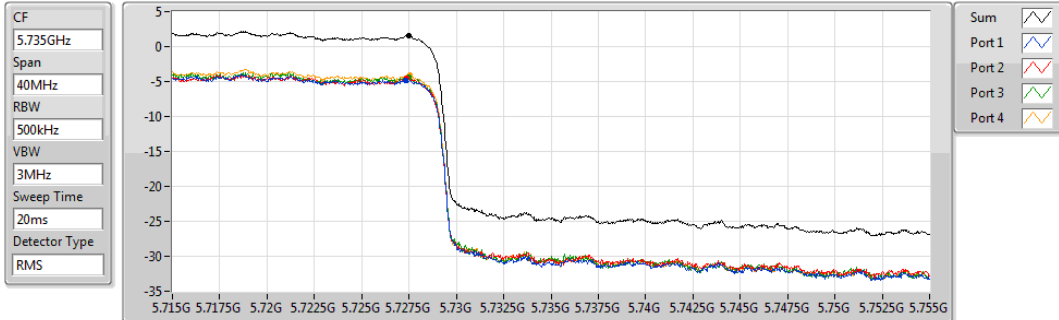
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
4.74	4.74	-1.58	-1.82	-1.05	-0.71

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

20/04/2019



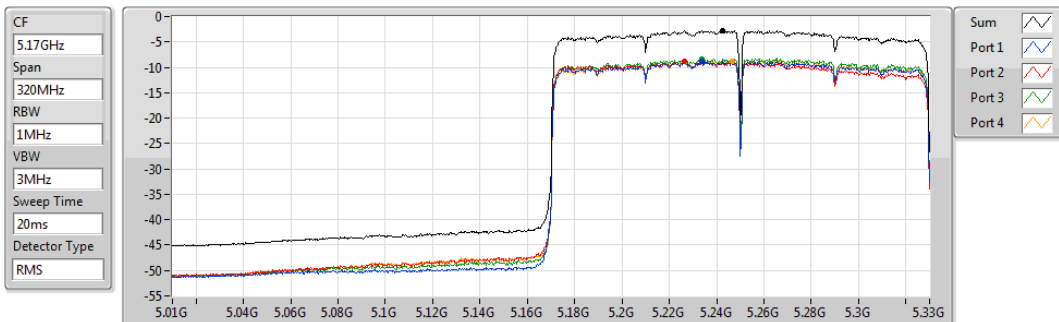
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.54	1.54	-4.78	-4.47	-4.36	-4.05

802.11ax HEW160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

20/04/2019



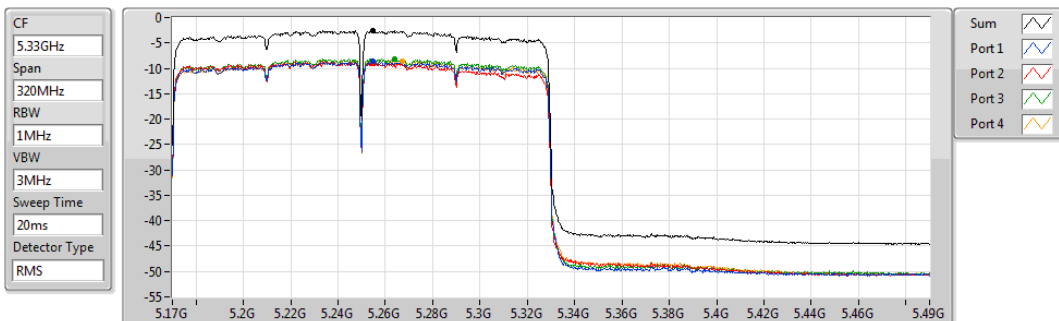
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.82	-2.82	-8.88	-8.89	-8.28	-8.81

802.11ax HEW160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

20/04/2019



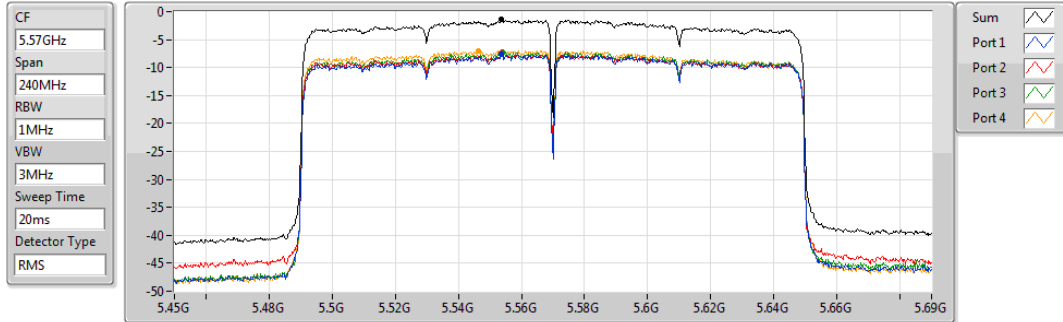
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.59	-2.59	-8.57	-9.13	-8.06	-8.50

802.11ax HEW160_Nss1,(MCS0)_4TX

PSD

5570MHz

20/04/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.34	-1.34	-7.57	-7.48	-7.21	-6.94

**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 2 ~ Band 4:
Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-3.06
5.25-5.35GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.08
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	1.36
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-1.55
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-3.14
5.47-5.725GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.24
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	1.69
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-1.31
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-4.11
5.725-5.85GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	2.39
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-0.38
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-4.24

RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

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	-	-	-	-	-	-	-	-
5260MHz	Pass	12.18	-1.97	-2.31	-1.00	-2.34	4.03	4.82
5300MHz	Pass	12.18	-1.71	-2.17	-1.34	-2.35	4.04	4.82
5320MHz	Pass	12.18	-1.54	-1.95	-1.30	-2.66	4.08	4.82
5500MHz	Pass	12.18	-2.27	-2.51	-1.13	-1.67	4.01	4.82
5580MHz	Pass	12.18	-2.26	-2.89	-1.22	-1.89	3.89	4.82
5700MHz	Pass	12.18	-3.60	-4.07	-2.63	-3.26	2.61	4.82
5720MHz Straddle 5.47-5.725GHz	Pass	12.18	-1.84	-2.08	-1.39	-1.54	4.24	4.82
5720MHz Straddle 5.725-5.85GHz	Pass	12.18	-3.70	-3.94	-3.07	-3.45	2.39	23.82
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	12.18	-4.06	-4.92	-4.42	-4.98	1.36	4.82
5310MHz	Pass	12.18	-4.37	-5.01	-4.16	-5.01	1.32	4.82
5510MHz	Pass	12.18	-5.64	-5.90	-5.98	-5.12	0.27	4.82
5550MHz	Pass	12.18	-4.81	-4.89	-4.41	-3.93	1.42	4.82
5670MHz	Pass	12.18	-5.31	-5.21	-3.81	-4.26	1.36	4.82
5710MHz Straddle 5.47-5.725GHz	Pass	12.18	-4.80	-5.15	-3.27	-4.00	1.69	4.82
5710MHz Straddle 5.725-5.85GHz	Pass	12.18	-6.87	-7.07	-5.34	-6.28	-0.38	23.82
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	12.18	-7.38	-8.03	-6.90	-7.71	-1.55	4.82
5530MHz	Pass	12.18	-7.92	-8.12	-6.26	-6.99	-1.36	4.82
5610MHz	Pass	12.18	-7.80	-7.65	-7.20	-6.80	-1.45	4.82
5690MHz Straddle 5.47-5.725GHz	Pass	12.18	-7.62	-7.94	-6.49	-6.95	-1.31	4.82
5690MHz Straddle 5.725-5.85GHz	Pass	12.18	-10.64	-10.45	-9.66	-10.06	-4.24	23.82
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	12.18	-9.13	-9.03	-8.39	-9.35	-3.06	10.82
5250MHz Straddle 5.25-5.35GHz	Pass	12.18	-9.04	-9.45	-8.45	-9.19	-3.14	4.82
5570MHz	Pass	12.18	-10.44	-10.36	-9.67	-9.55	-4.11	4.82

DG = Directional Gain; **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

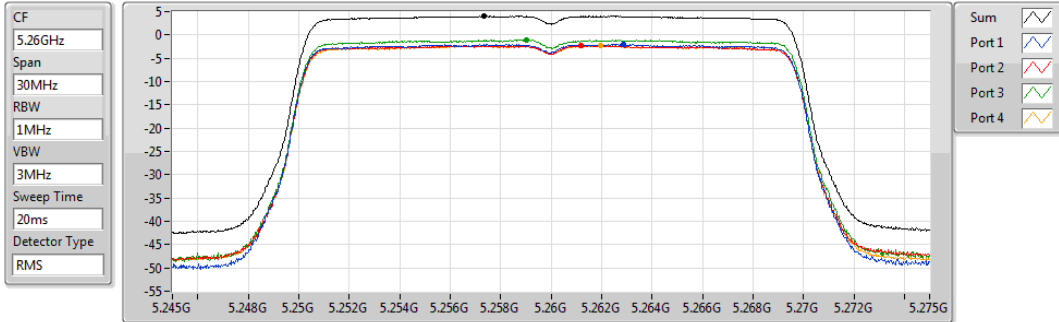
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port Xpower density;

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5260MHz

22/04/2019



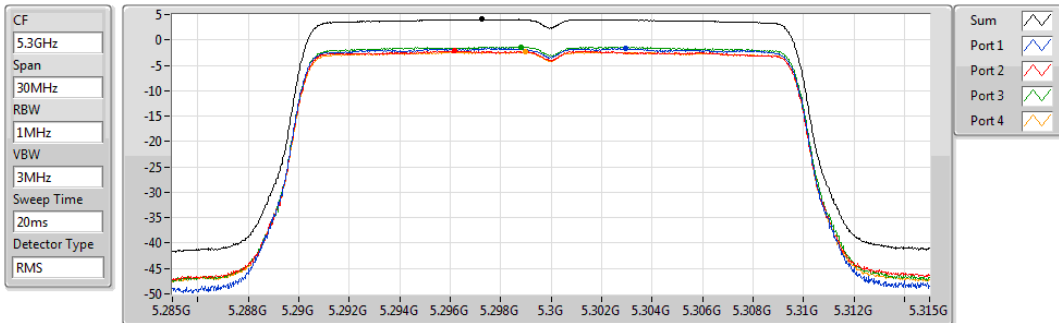
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.03	4.03	-1.97	-2.31	-1.00	-2.34

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5300MHz

22/04/2019



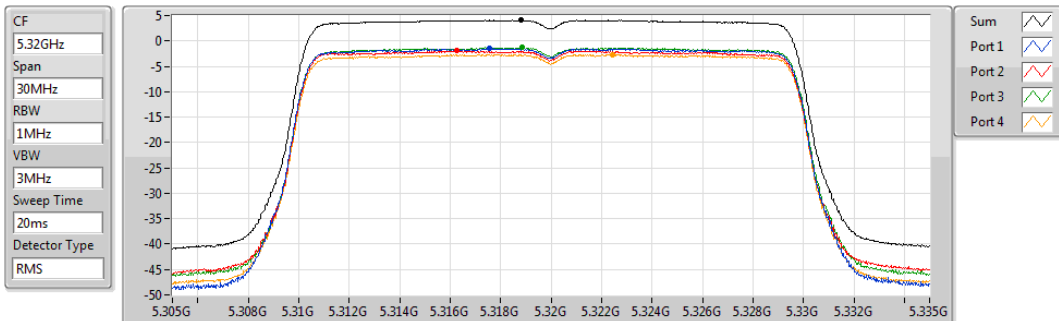
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.04	4.04	-1.71	-2.17	-1.34	-2.35

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5320MHz

22/04/2019



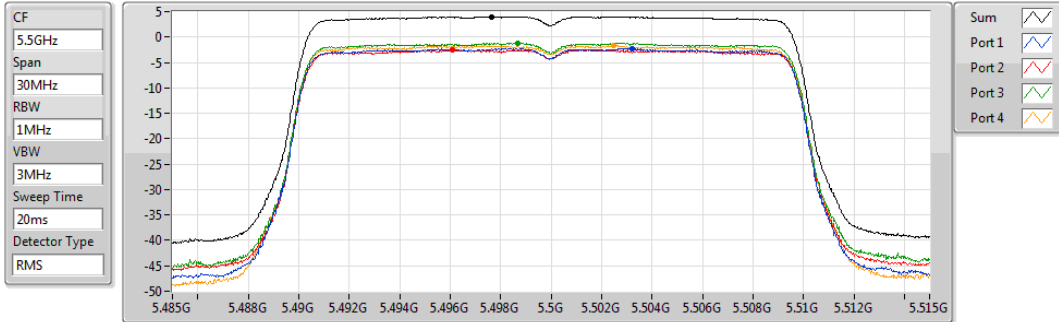
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.08	4.08	-1.54	-1.95	-1.30	-2.66

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5500MHz

22/04/2019



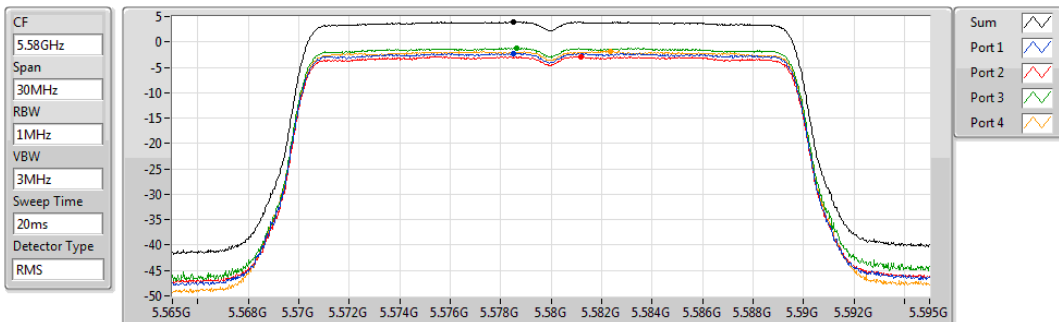
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.01	4.01	-2.27	-2.51	-1.13	-1.67

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5580MHz

22/04/2019



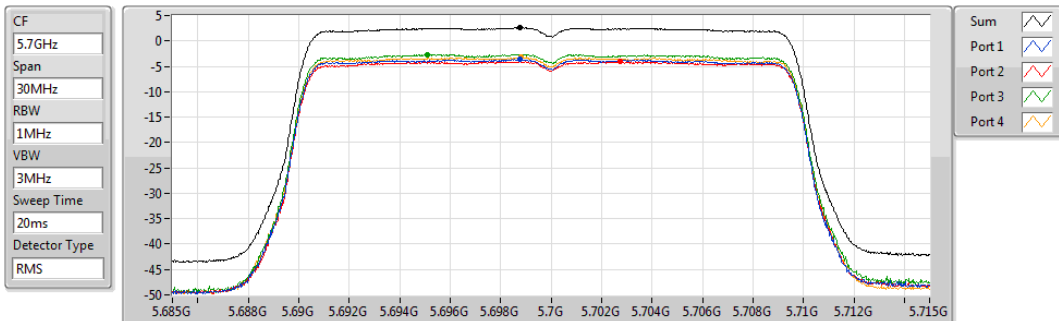
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.89	3.89	-2.26	-2.89	-1.22	-1.89

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5700MHz

22/04/2019



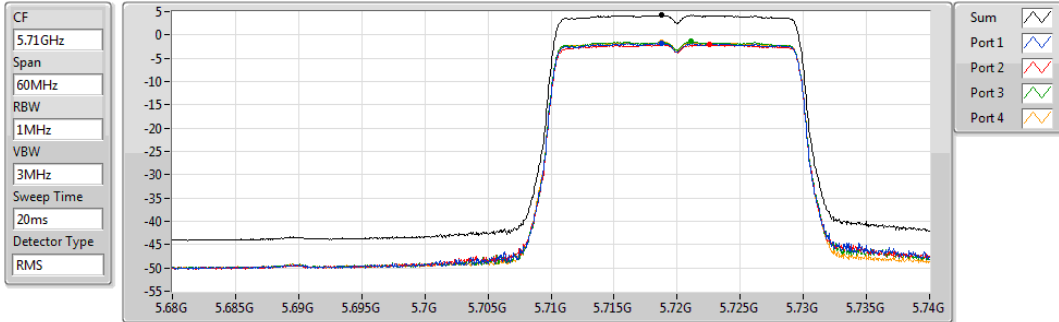
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.61	2.61	-3.60	-4.07	-2.63	-3.26

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

22/04/2019



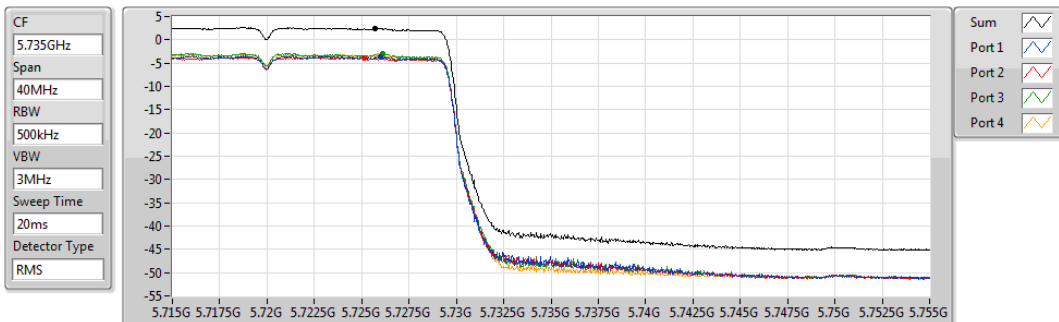
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
4.24	4.24	-1.84	-2.08	-1.39	-1.54

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

22/04/2019



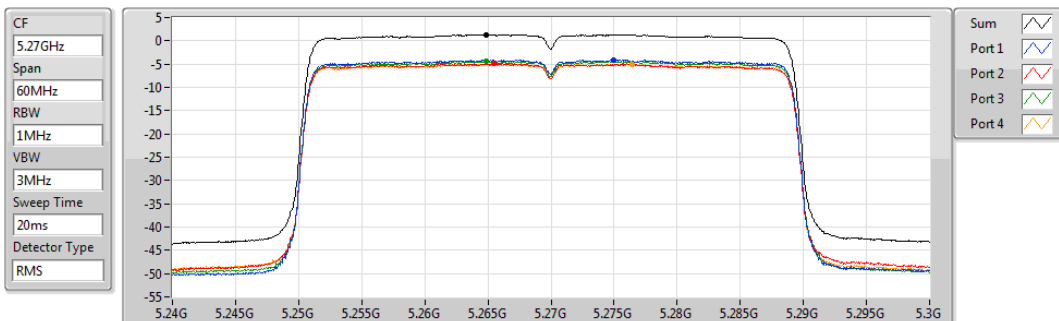
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
2.39	2.39	-3.70	-3.94	-3.07	-3.45

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5270MHz

22/04/2019



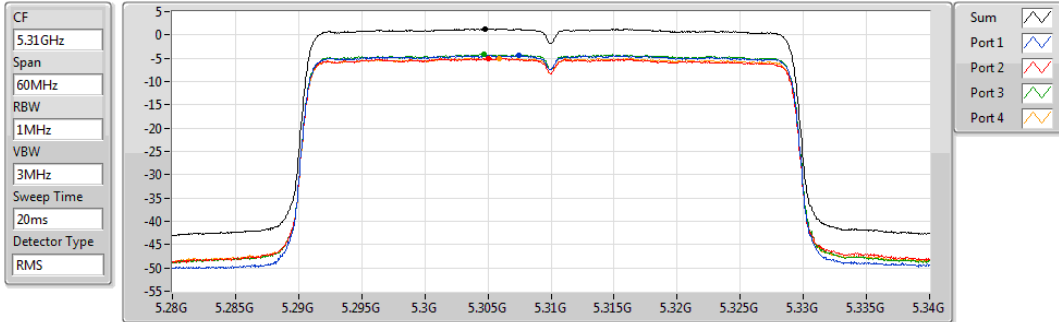
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
1.36	1.36	-4.06	-4.92	-4.42	-4.98

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5310MHz

22/04/2019



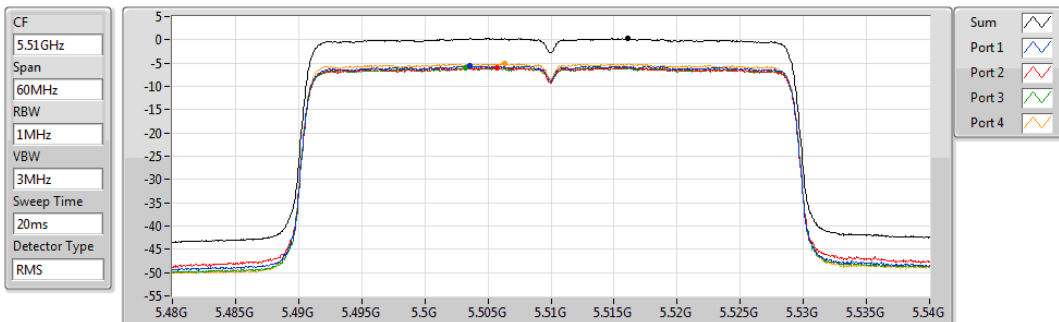
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
1.32	1.32	-4.37	-5.01	-4.16	-5.01

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5510MHz

22/04/2019



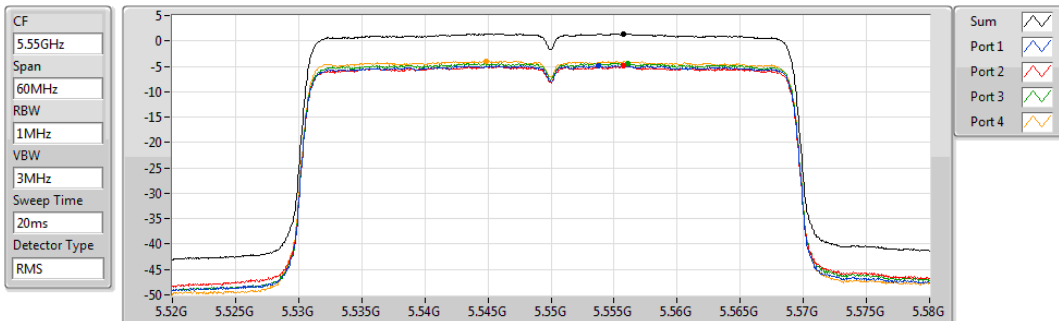
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
0.27	0.27	-5.64	-5.90	-5.98	-5.12

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5550MHz

22/04/2019



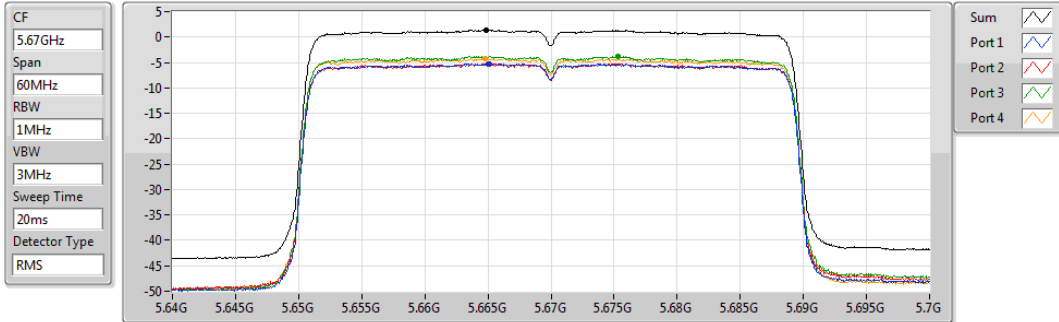
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
1.42	1.42	-4.81	-4.89	-4.41	-3.93

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5670MHz

22/04/2019



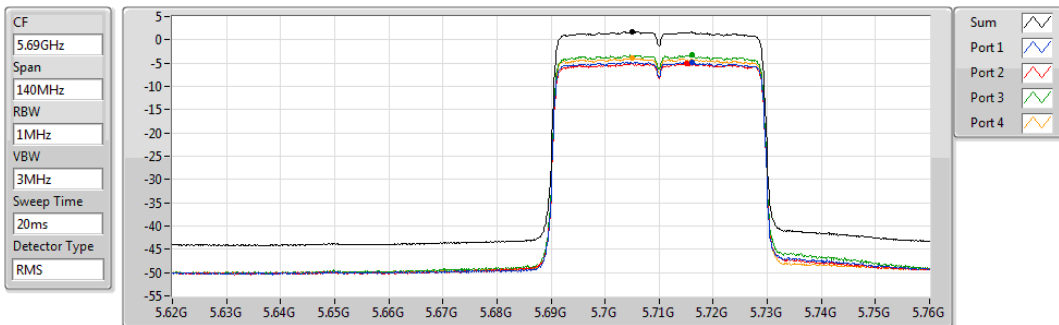
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.36	1.36	-5.31	-5.21	-3.81	-4.26

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

22/04/2019



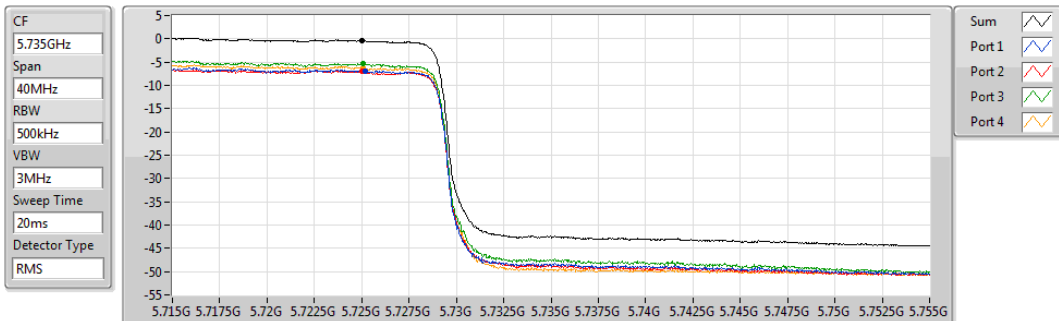
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.69	1.69	-4.80	-5.15	-3.27	-4.00

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

22/04/2019



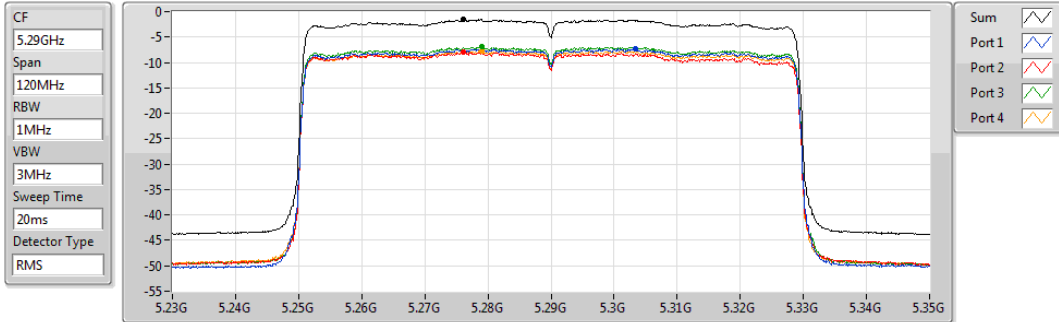
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.38	-0.38	-6.87	-7.07	-5.34	-6.28

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5290MHz

22/04/2019



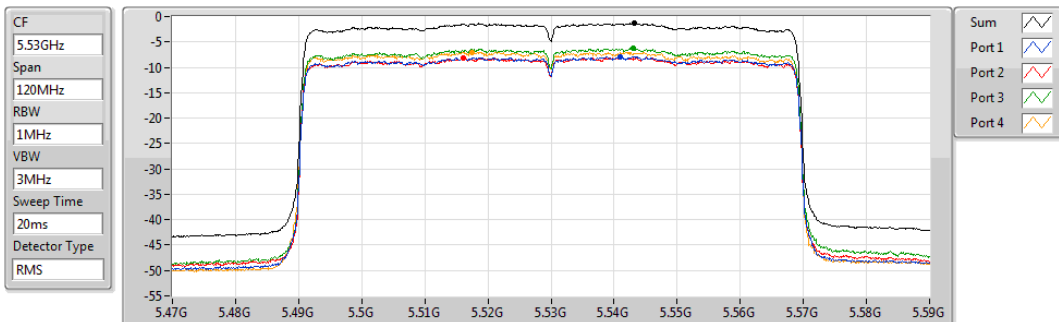
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-1.55	-1.55	-7.38	-8.03	-6.90	-7.71

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5530MHz

22/04/2019



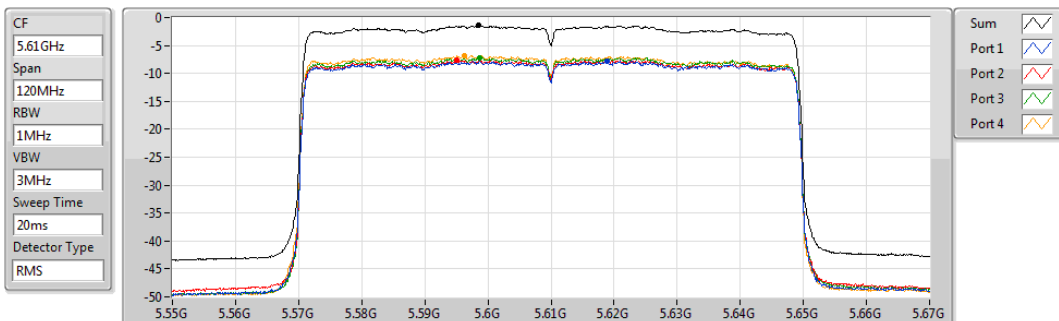
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-1.36	-1.36	-7.92	-8.12	-6.26	-6.99

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5610MHz

22/04/2019



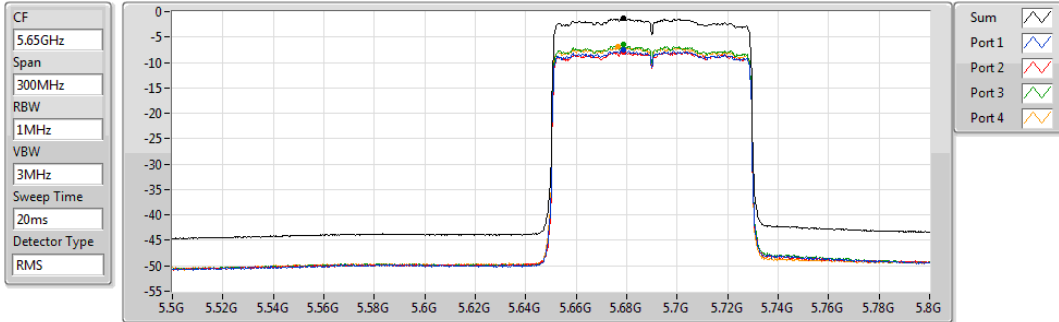
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-1.45	-1.45	-7.80	-7.65	-7.20	-6.80

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

22/04/2019



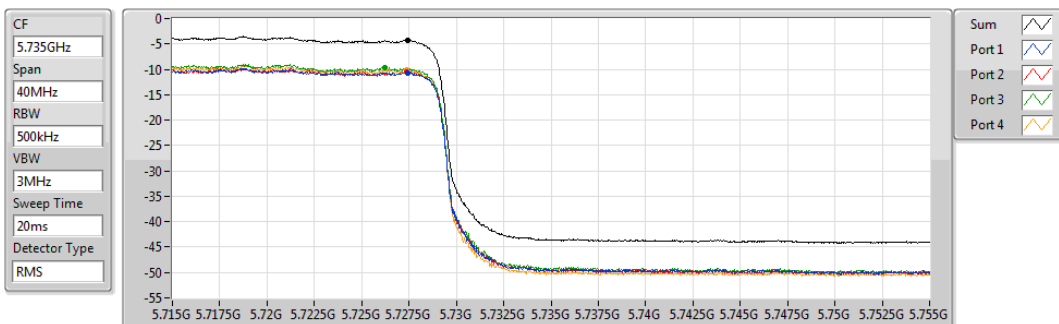
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.31	-1.31	-7.62	-7.94	-6.49	-6.95

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

22/04/2019



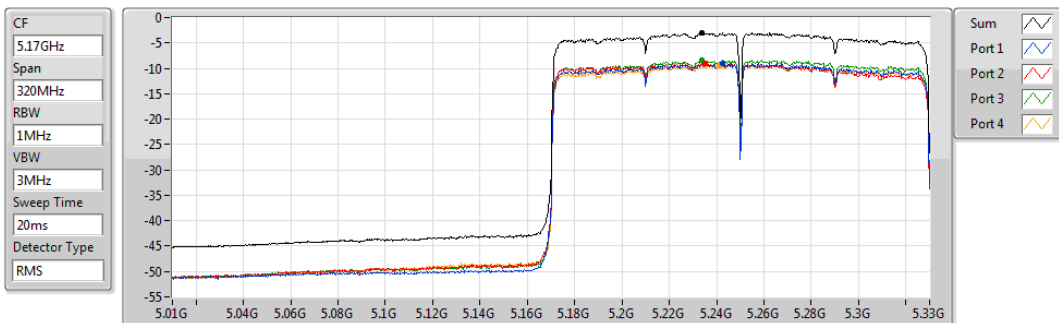
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.24	-4.24	-10.64	-10.45	-9.66	-10.06

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

22/04/2019



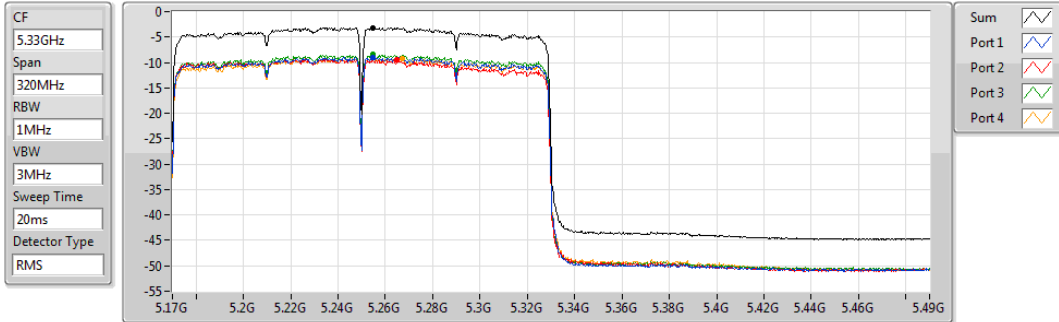
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.06	-3.06	-9.13	-9.03	-8.39	-9.35

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

22/04/2019



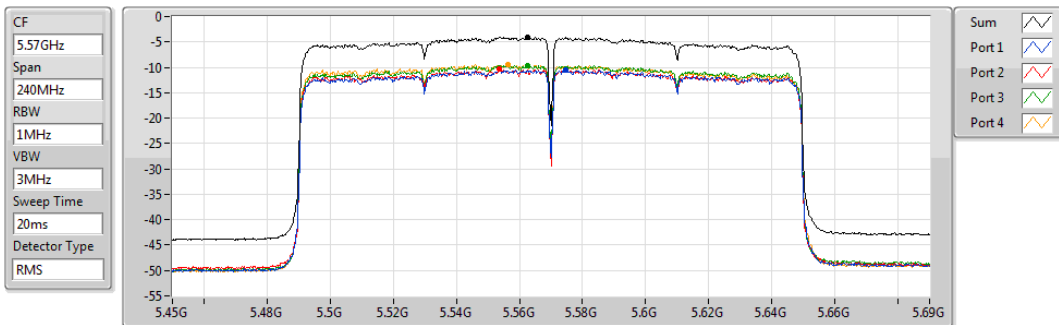
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.14	-3.14	-9.04	-9.45	-8.45	-9.19

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

PSD

5570MHz

22/04/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.11	-4.11	-10.44	-10.36	-9.67	-9.55

**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 2 ~ Band 4:
Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW160_Nss4,(MCS0)_4TX	-1.89
5.25-5.35GHz	-
802.11ax HEW20_Nss4,(MCS0)_4TX	10.38
802.11ax HEW40_Nss4,(MCS0)_4TX	7.78
802.11ax HEW80_Nss4,(MCS0)_4TX	2.18
802.11ax HEW160_Nss4,(MCS0)_4TX	-1.88
5.47-5.725GHz	-
802.11ax HEW20_Nss4,(MCS0)_4TX	10.41
802.11ax HEW40_Nss4,(MCS0)_4TX	7.87
802.11ax HEW80_Nss4,(MCS0)_4TX	4.84
802.11ax HEW160_Nss4,(MCS0)_4TX	-0.97
5.725-5.85GHz	-
802.11ax HEW20_Nss4,(MCS0)_4TX	8.53
802.11ax HEW40_Nss4,(MCS0)_4TX	5.61
802.11ax HEW80_Nss4,(MCS0)_4TX	2.30

RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

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_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	6.16	4.40	3.93	4.77	4.16	10.24	10.84
5300MHz	Pass	6.16	4.76	4.19	4.73	4.20	10.38	10.84
5320MHz	Pass	6.16	3.51	3.17	3.49	3.28	9.27	10.84
5500MHz	Pass	6.16	1.93	1.15	2.23	2.40	7.86	10.84
5580MHz	Pass	6.16	4.01	4.20	4.77	4.98	10.41	10.84
5700MHz	Pass	6.16	-1.90	-2.01	-1.56	-1.58	4.14	10.84
5720MHz Straddle 5.47-5.725GHz	Pass	6.16	3.83	4.09	4.24	4.82	10.17	10.84
5720MHz Straddle 5.725-5.85GHz	Pass	6.16	2.45	2.30	2.41	3.08	8.53	29.84
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	6.16	2.00	1.84	2.01	1.62	7.78	10.84
5310MHz	Pass	6.16	-0.94	-1.81	-1.01	-1.44	4.56	10.84
5510MHz	Pass	6.16	-2.10	-1.94	-1.61	-1.45	4.13	10.84
5550MHz	Pass	6.16	1.95	1.54	1.87	2.62	7.87	10.84
5670MHz	Pass	6.16	-0.11	-0.09	1.47	1.17	6.51	10.84
5710MHz Straddle 5.47-5.725GHz	Pass	6.16	1.28	1.15	2.27	2.46	7.73	10.84
5710MHz Straddle 5.725-5.85GHz	Pass	6.16	-0.67	-0.92	-0.01	0.17	5.61	29.84
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	6.16	-3.56	-4.19	-3.15	-4.30	2.18	10.84
5530MHz	Pass	6.16	-4.20	-4.49	-3.32	-3.38	2.00	10.84
5610MHz	Pass	6.16	-4.14	-4.21	-3.78	-3.16	2.17	10.84
5690MHz Straddle 5.47-5.725GHz	Pass	6.16	-1.59	-1.25	-1.11	-0.79	4.84	10.84
5690MHz Straddle 5.725-5.85GHz	Pass	6.16	-4.09	-3.47	-3.54	-3.35	2.30	29.84
802.11ax HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.16	-7.58	-7.94	-7.70	-7.89	-1.89	16.84
5250MHz Straddle 5.25-5.35GHz	Pass	6.16	-7.75	-8.00	-7.68	-7.75	-1.88	10.84
5570MHz	Pass	6.16	-7.70	-6.98	-6.44	-6.28	-0.97	10.84

DG = Directional Gain; **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

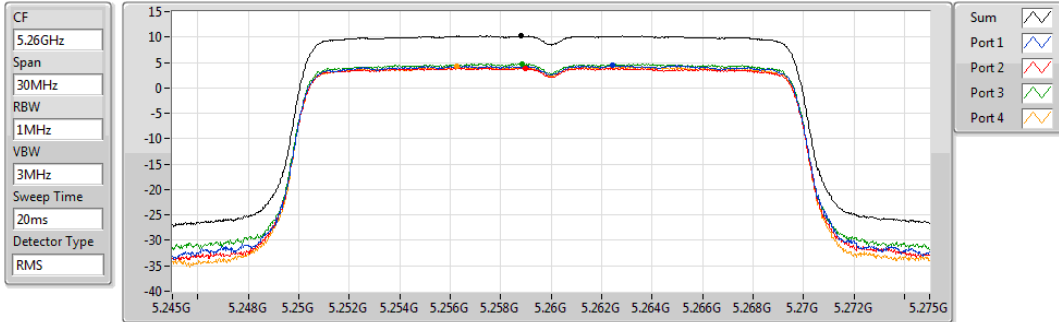
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port Xpower density;

802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5260MHz

22/04/2019



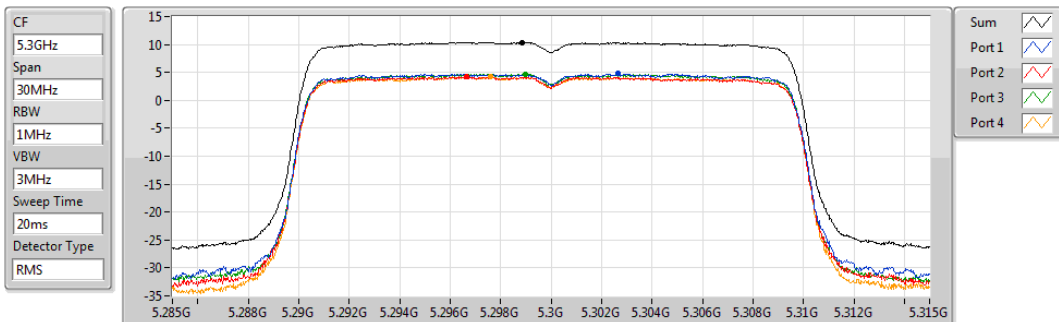
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.24	10.24	4.40	3.93	4.77	4.16

802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5300MHz

22/04/2019



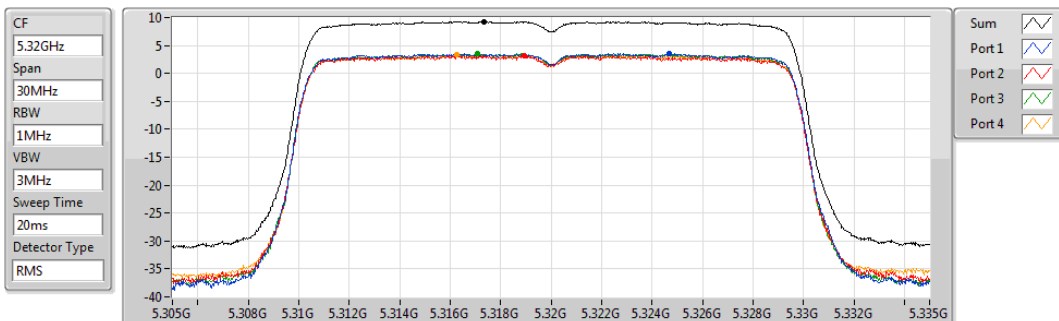
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.38	10.38	4.76	4.19	4.73	4.20

802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5320MHz

22/04/2019



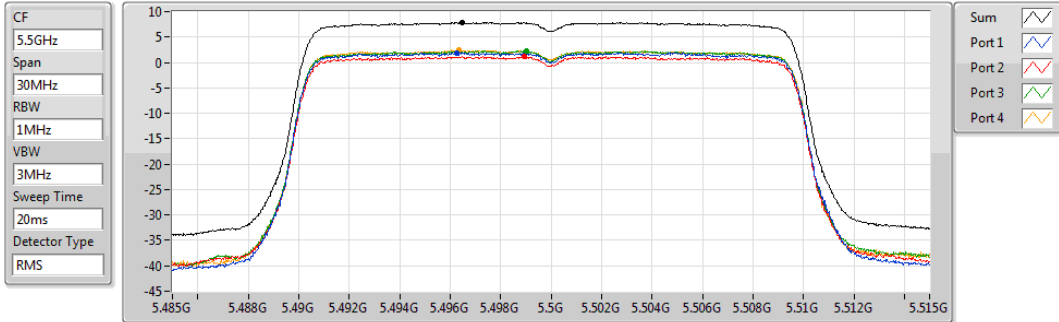
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.27	9.27	3.51	3.17	3.49	3.28

802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5500MHz

22/04/2019



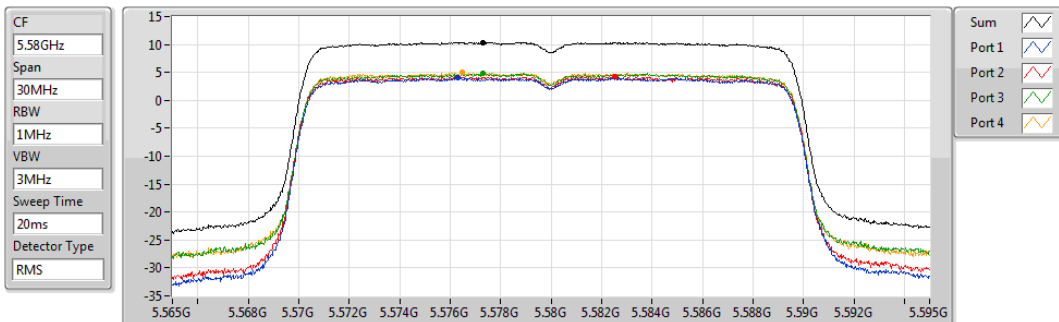
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.86	7.86	1.93	1.15	2.23	2.40

802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5580MHz

22/04/2019



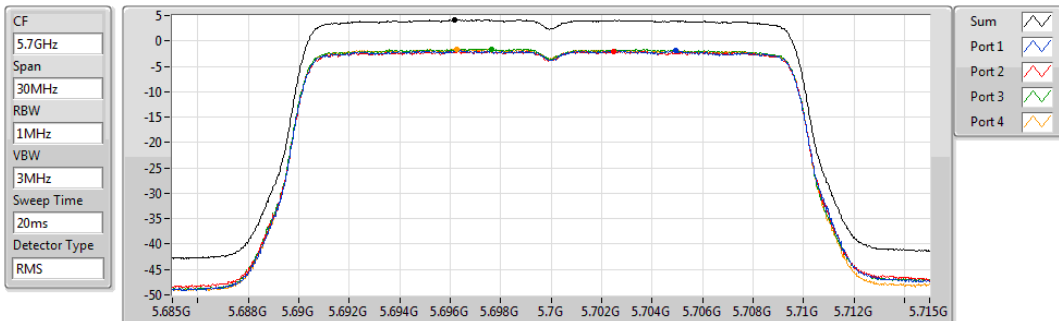
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.41	10.41	4.01	4.20	4.77	4.98

802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5700MHz

22/04/2019



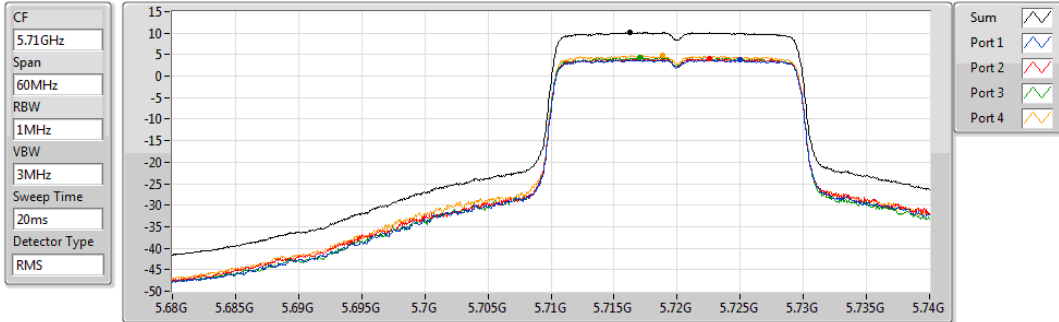
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.14	4.14	-1.90	-2.01	-1.56	-1.58

802.11ax HEW20_Nss4,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz

PSD

22/04/2019



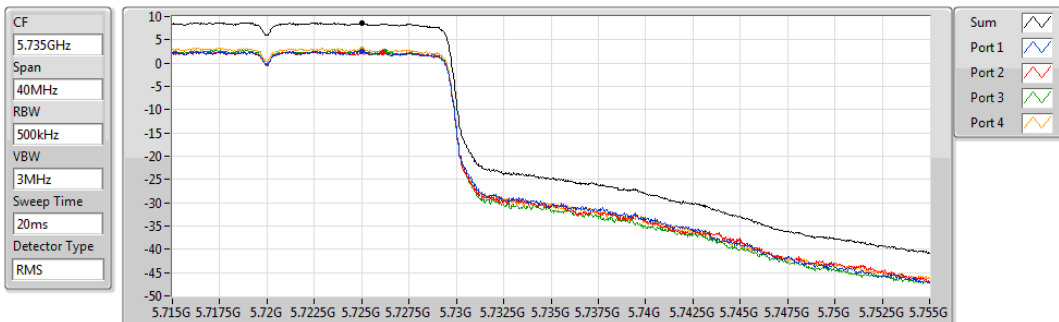
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.17	10.17	3.83	4.09	4.24	4.82

802.11ax HEW20_Nss4,(MCS0)_4TX

5720MHz Straddle 5.725-5.85GHz

PSD

22/04/2019



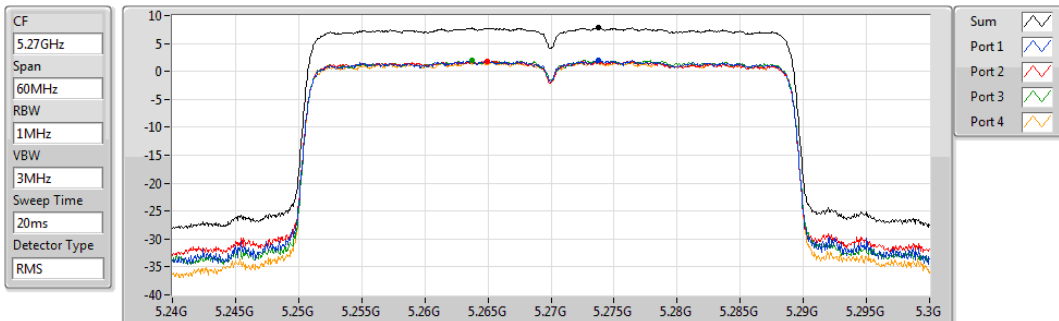
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.53	8.53	2.45	2.30	2.41	3.08

802.11ax HEW40_Nss4,(MCS0)_4TX

5270MHz

PSD

22/04/2019



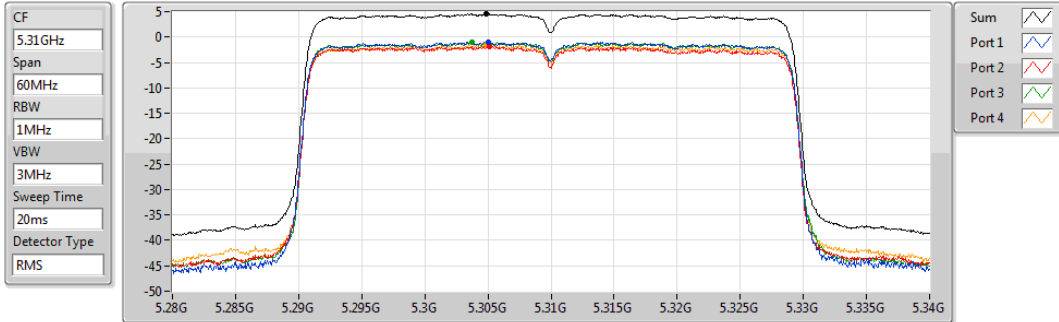
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.78	7.78	2.00	1.84	2.01	1.62

802.11ax HEW40_Nss4,(MCS0)_4TX

PSD

5310MHz

22/04/2019



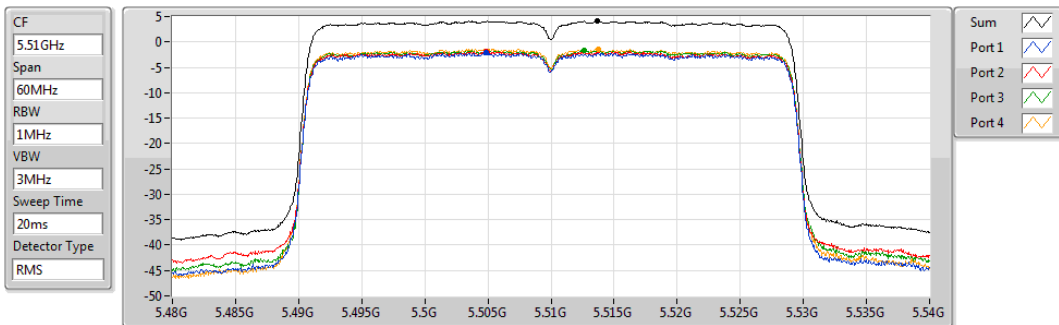
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.56	4.56	-0.94	-1.81	-1.01	-1.44

802.11ax HEW40_Nss4,(MCS0)_4TX

PSD

5510MHz

22/04/2019



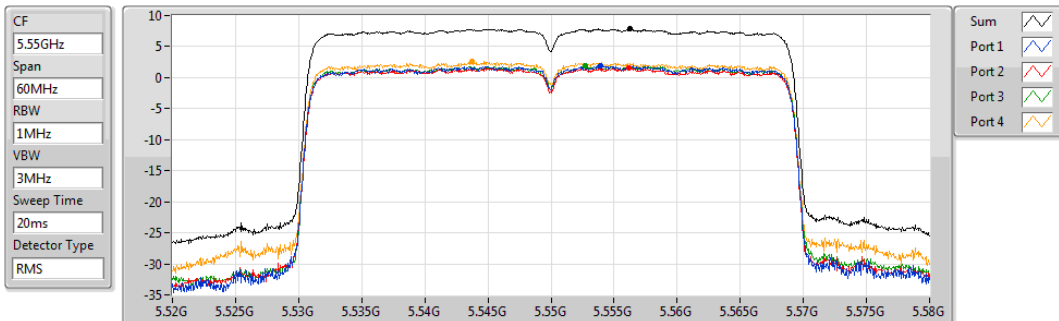
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.13	4.13	-2.10	-1.94	-1.61	-1.45

802.11ax HEW40_Nss4,(MCS0)_4TX

PSD

5550MHz

22/04/2019



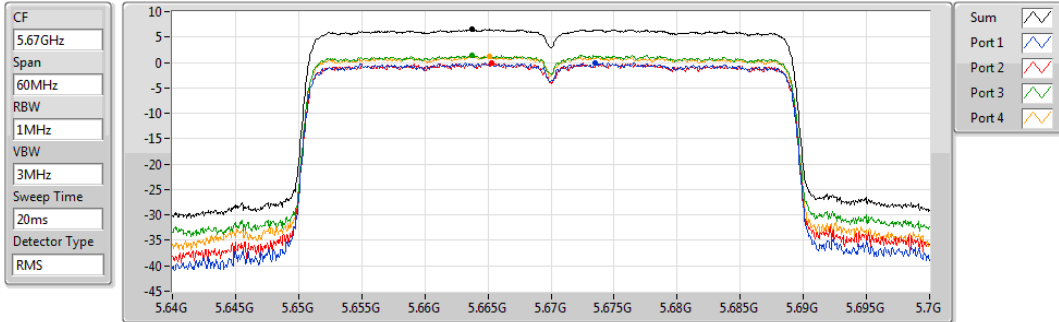
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.87	7.87	1.95	1.54	1.87	2.62

802.11ax HEW40_Nss4,(MCS0)_4TX

PSD

5670MHz

22/04/2019



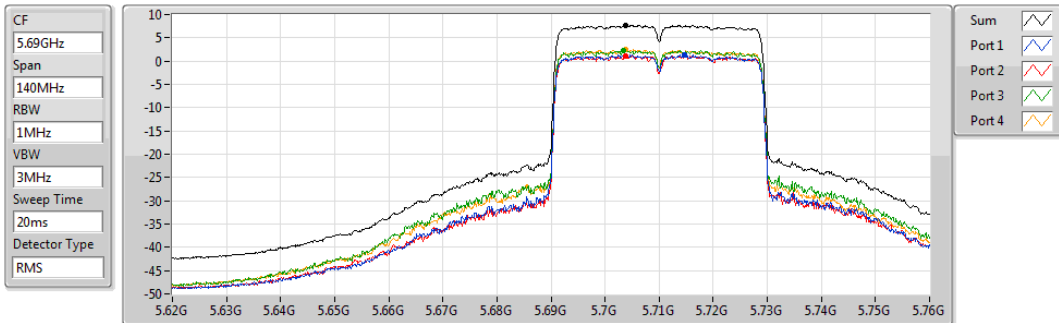
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
6.51	6.51	-0.11	-0.09	1.47	1.17

802.11ax HEW40_Nss4,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

22/04/2019



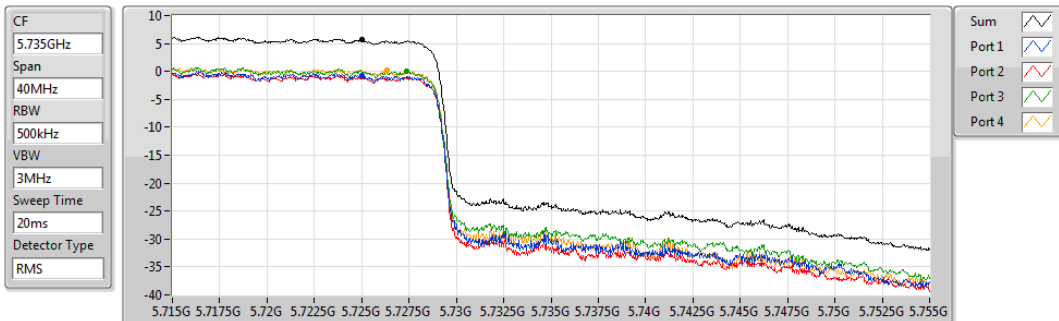
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
7.73	7.73	1.28	1.15	2.27	2.46

802.11ax HEW40_Nss4,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

22/04/2019



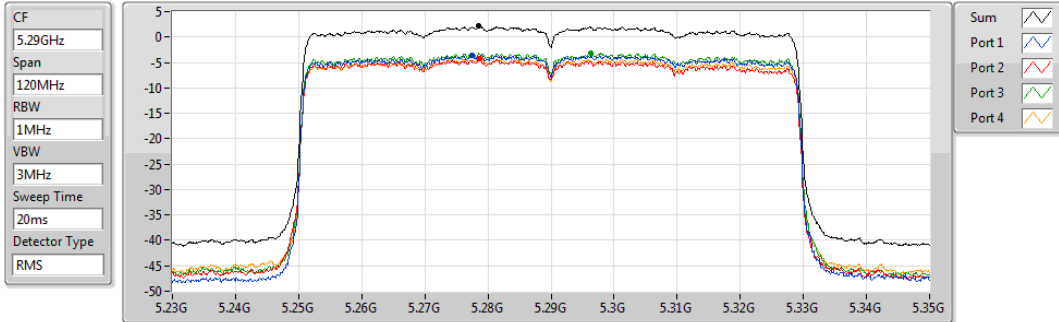
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
5.61	5.61	-0.67	-0.92	-0.01	0.17

802.11ax HEW80_Nss4,(MCS0)_4TX

PSD

5290MHz

22/04/2019



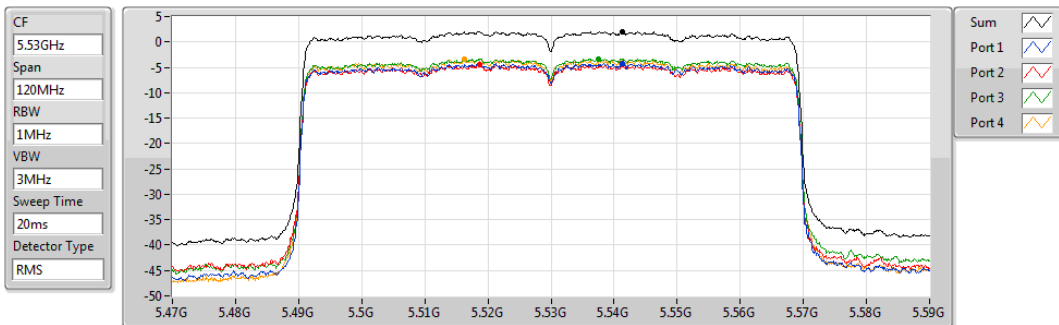
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.18	2.18	-3.56	-4.19	-3.15	-4.30

802.11ax HEW80_Nss4,(MCS0)_4TX

PSD

5530MHz

22/04/2019



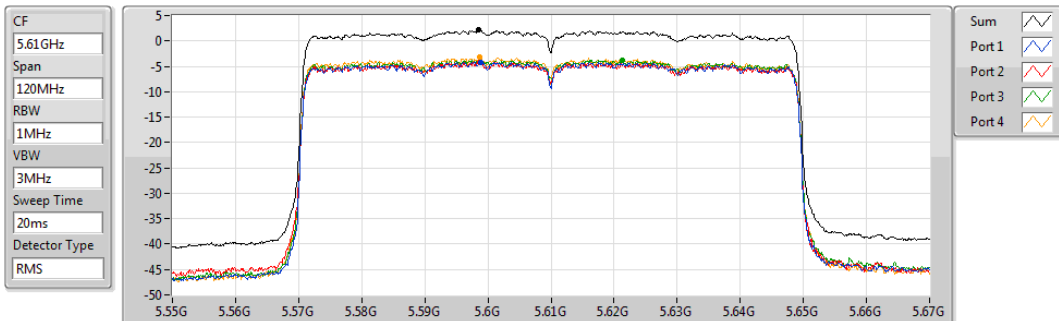
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.00	2.00	-4.20	-4.49	-3.32	-3.38

802.11ax HEW80_Nss4,(MCS0)_4TX

PSD

5610MHz

22/04/2019



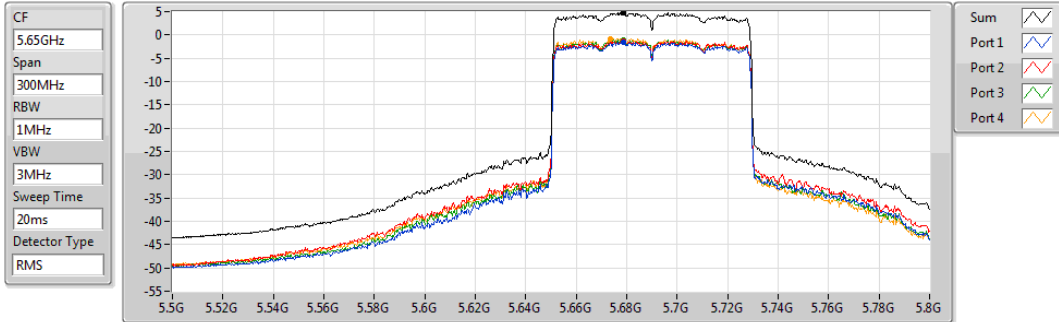
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.17	2.17	-4.14	-4.21	-3.78	-3.16

802.11ax HEW80_Nss4,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

22/04/2019



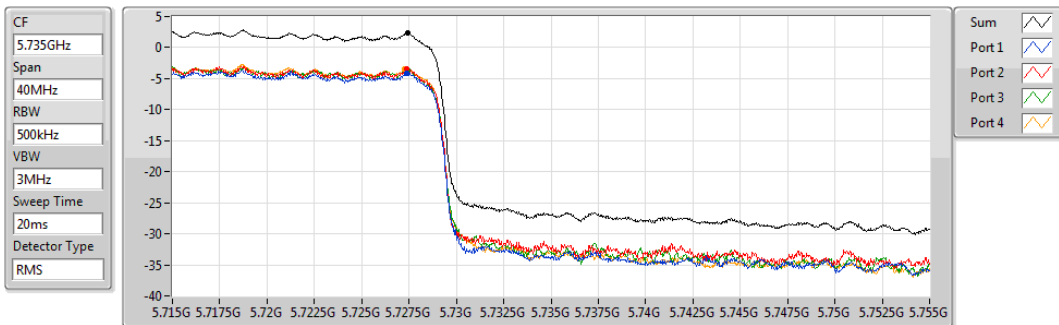
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.84	4.84	-1.59	-1.25	-1.11	-0.79

802.11ax HEW80_Nss4,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

22/04/2019



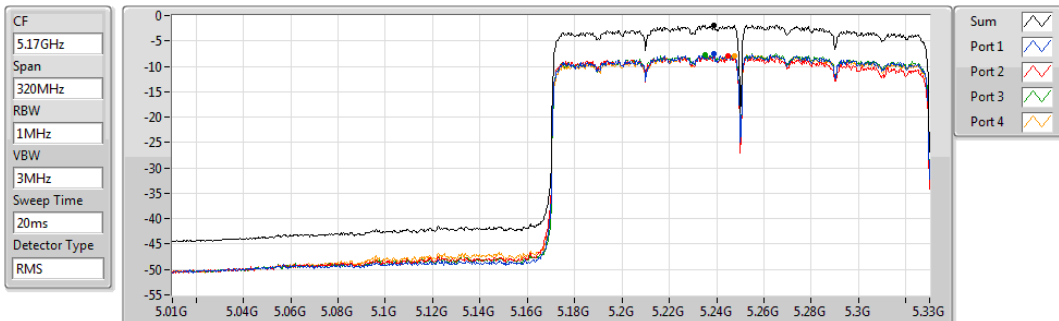
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.30	2.30	-4.09	-3.47	-3.54	-3.35

802.11ax HEW160_Nss4,(MCS0)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

22/04/2019



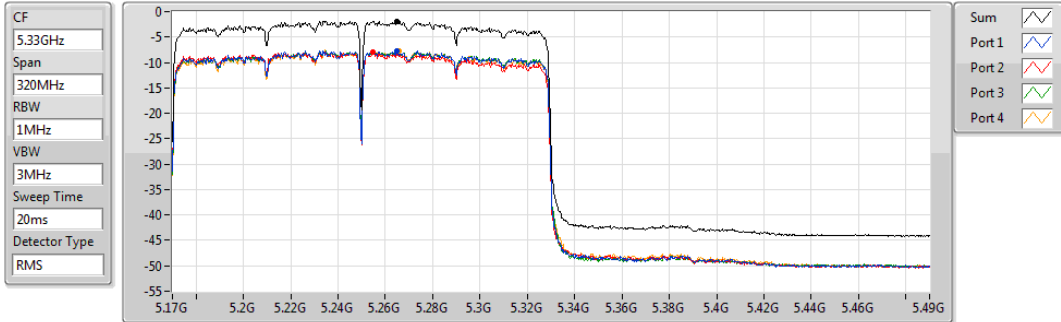
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.89	-1.89	-7.58	-7.94	-7.70	-7.89

802.11ax HEW160_Nss4,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

22/04/2019



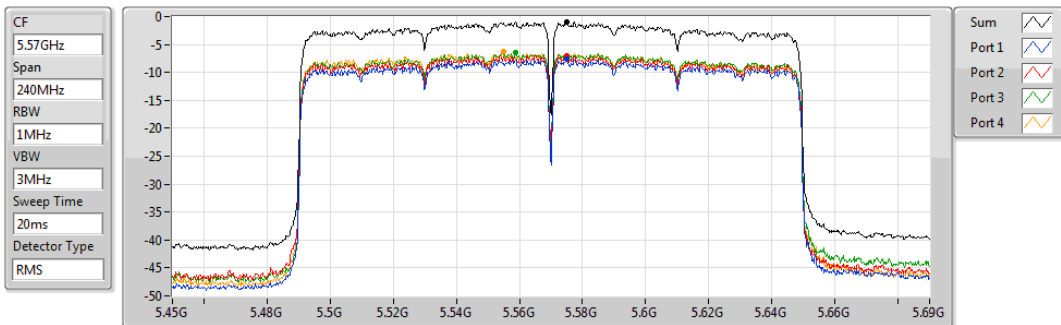
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.88	-1.88	-7.75	-8.00	-7.68	-7.75

802.11ax HEW160_Nss4,(MCS0)_4TX

PSD

5570MHz

22/04/2019



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	-7.70	-6.98	-6.44	-6.28



**For Outdoor use for 5G Band 1:
Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW160_Nss1,(MCS0)_1TX	-6.39
5.25-5.35GHz	-
802.11ax HEW160_Nss1,(MCS0)_1TX	-6.42

RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.16	-6.39	-6.39	16.84
5250MHz Straddle 5.25-5.35GHz	Pass	6.16	-6.42	-6.42	10.84

DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

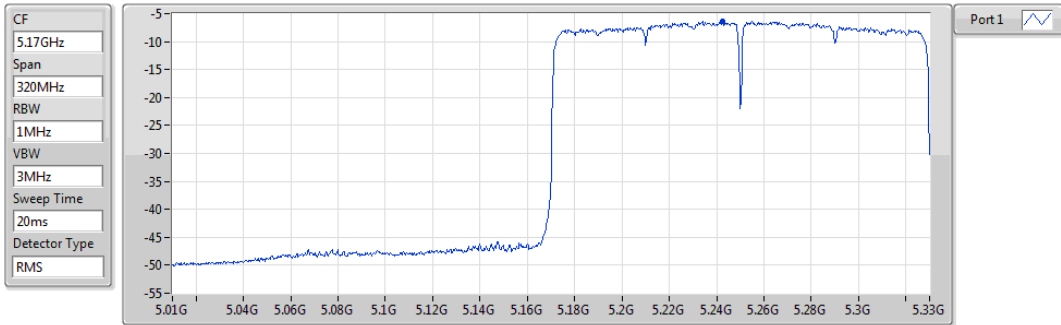
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ax HEW160_Nss1,(MCS0)_1TX

PSD

5250MHz Straddle 5.15-5.25GHz

19/04/2019



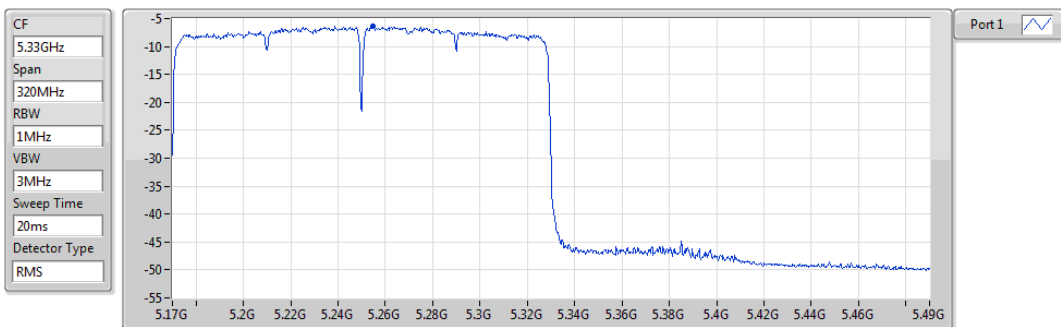
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-6.39	-6.39	-6.39

802.11ax HEW160_Nss1,(MCS0)_1TX

PSD

5250MHz Straddle 5.25-5.35GHz

19/04/2019



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-6.42	-6.42	-6.42



For Outdoor use for 5G Band 1:

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW160_Nss2,(MCS0)_2TX	-4.60
5.25-5.35GHz	-
802.11ax HEW160_Nss2,(MCS0)_2TX	-4.12

RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW160_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.16	-7.34	-7.62	-4.60	16.84
5250MHz Straddle 5.25-5.35GHz	Pass	6.16	-6.76	-7.33	-4.12	10.84

DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

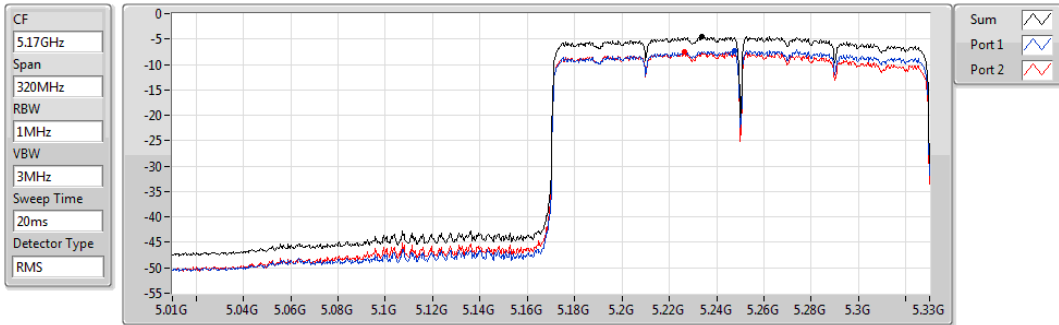
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ax HEW160_Nss2,(MCS0)_2TX

PSD

5250MHz Straddle 5.15-5.25GHz

19/04/2019



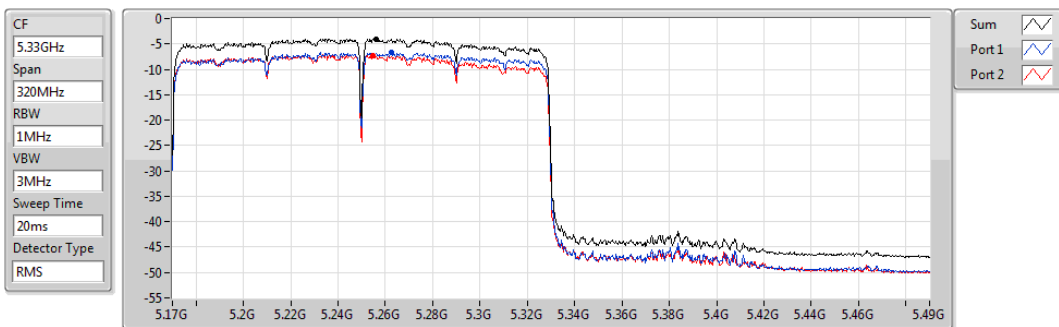
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.60	-4.60	-7.34	-7.62

802.11ax HEW160_Nss2,(MCS0)_2TX

PSD

5250MHz Straddle 5.25-5.35GHz

19/04/2019



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.12	-4.12	-6.76	-7.33



For Outdoor use for 5G Band 1:

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW160_Nss1,(MCS0)_4TX	-2.82
5.25-5.35GHz	-
802.11ax HEW160_Nss1,(MCS0)_4TX	-2.59

RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

**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 HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	12.18	-8.88	-8.89	-8.28	-8.81	-2.82	10.82
5250MHz Straddle 5.25-5.35GHz	Pass	12.18	-8.57	-9.13	-8.06	-8.50	-2.59	4.82

DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

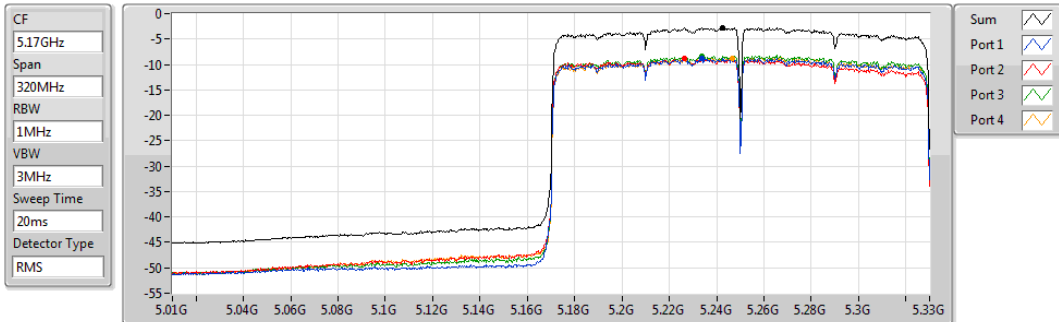
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ax HEW160_Nss1,(MCS0)_4TX

5250MHz Straddle 5.15-5.25GHz

PSD

20/04/2019



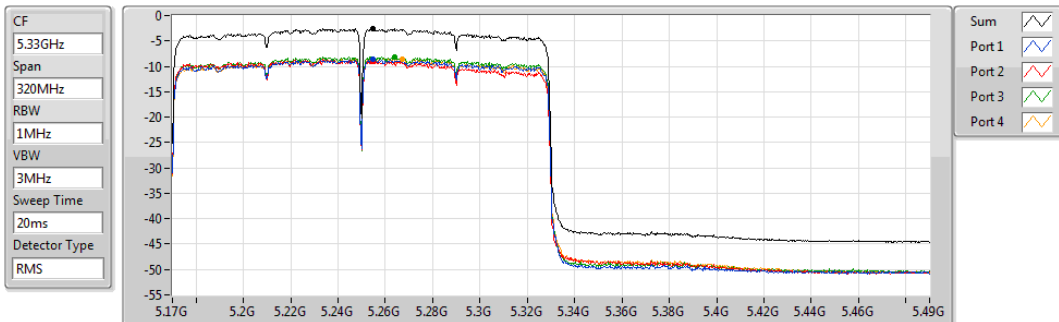
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.82	-2.82	-8.88	-8.89	-8.28	-8.81

802.11ax HEW160_Nss1,(MCS0)_4TX

5250MHz Straddle 5.25-5.35GHz

PSD

20/04/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.59	-2.59	-8.57	-9.13	-8.06	-8.50



**For Outdoor use for 5G Band 1:
Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-6.62
5.25-5.35GHz	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-6.93

RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;



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 HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	12.18	-12.18	-12.61	-12.33	-13.45	-6.62	10.82
5250MHz Straddle 5.25-5.35GHz	Pass	12.18	-12.47	-12.71	-12.58	-13.55	-6.93	4.82

DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

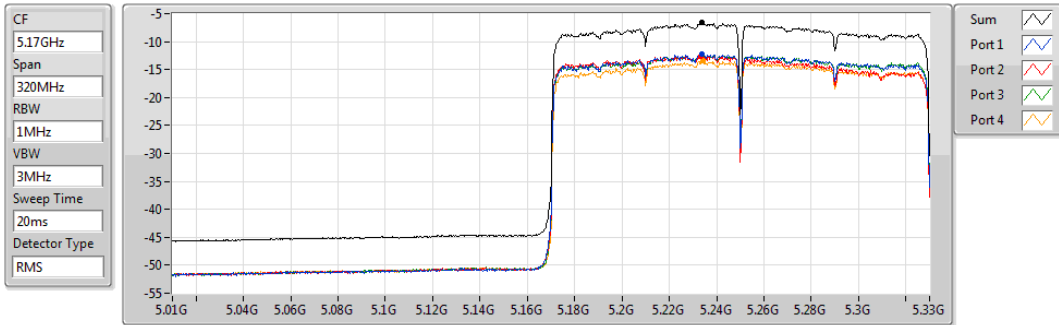
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

15/05/2019



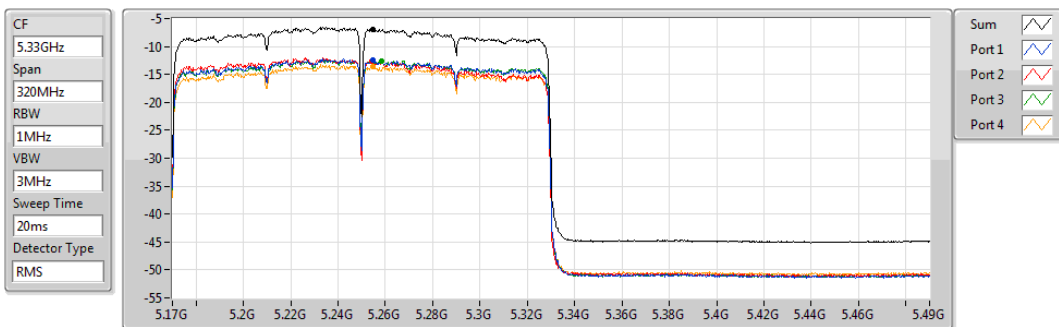
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.62	-6.62	-12.18	-12.61	-12.33	-13.45

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

15/05/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.93	-6.93	-12.47	-12.71	-12.58	-13.55



For Outdoor use for 5G Band 1:

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW160_Nss4,(MCS0)_4TX	-1.89
5.25-5.35GHz	-
802.11ax HEW160_Nss4,(MCS0)_4TX	-1.88

RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;



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 HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.16	-7.58	-7.94	-7.70	-7.89	-1.89	16.84
5250MHz Straddle 5.25-5.35GHz	Pass	6.16	-7.75	-8.00	-7.68	-7.75	-1.88	10.84

DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

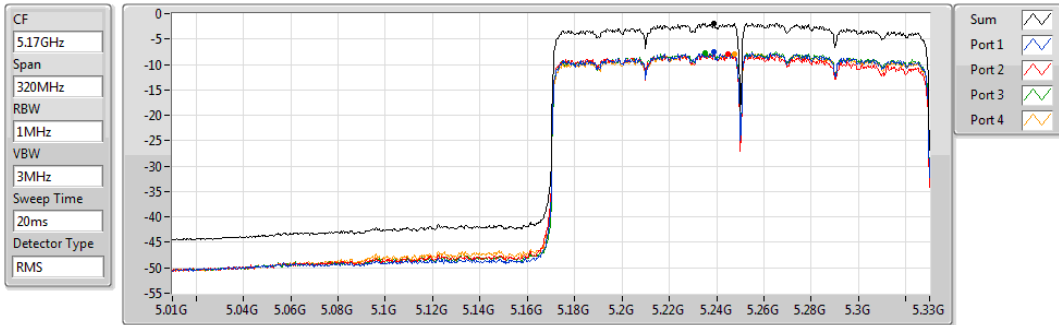
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ax HEW160_Nss4,(MCS0)_4TX

5250MHz Straddle 5.15-5.25GHz

PSD

22/04/2019



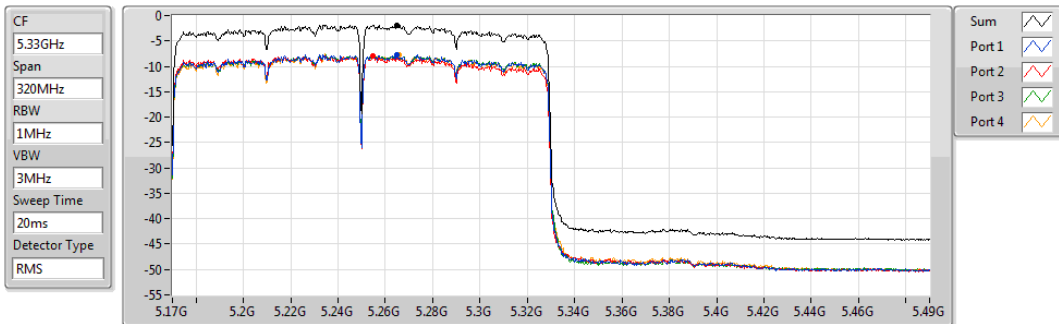
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.89	-1.89	-7.58	-7.94	-7.70	-7.89

802.11ax HEW160_Nss4,(MCS0)_4TX

5250MHz Straddle 5.25-5.35GHz

PSD

22/04/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.88	-1.88	-7.75	-8.00	-7.68	-7.75

**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 2 ~ Band 4:
Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW160_Nss1,(MCS0)_1TX	-7.16
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_1TX	6.45
802.11ax HEW20_Nss1,(MCS0)_1TX	6.43
802.11ax HEW40_Nss1,(MCS0)_1TX	2.63
802.11ax HEW80_Nss1,(MCS0)_1TX	-2.53
802.11ax HEW160_Nss1,(MCS0)_1TX	-6.91
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_1TX	8.25
802.11ax HEW20_Nss1,(MCS0)_1TX	7.75
802.11ax HEW40_Nss1,(MCS0)_1TX	4.96
802.11ax HEW80_Nss1,(MCS0)_1TX	1.13
802.11ax HEW160_Nss1,(MCS0)_1TX	-6.42
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	5.54
802.11ax HEW20_Nss1,(MCS0)_1TX	4.68
802.11ax HEW40_Nss1,(MCS0)_1TX	2.09
802.11ax HEW80_Nss1,(MCS0)_1TX	-1.09

RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5260MHz	Pass	7.93	6.13	6.13	9.07
5300MHz	Pass	7.93	5.98	5.98	9.07
5320MHz	Pass	7.93	6.45	6.45	9.07
5500MHz	Pass	7.93	4.01	4.01	9.07
5580MHz	Pass	7.93	8.25	8.25	9.07
5700MHz	Pass	7.93	2.08	2.08	9.07
5720MHz Straddle 5.47-5.725GHz	Pass	7.93	7.15	7.15	9.07
5720MHz Straddle 5.725-5.85GHz	Pass	7.93	5.54	5.54	28.07
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5260MHz	Pass	7.93	5.25	5.25	9.07
5300MHz	Pass	7.93	6.43	6.43	9.07
5320MHz	Pass	7.93	5.65	5.65	9.07
5500MHz	Pass	7.93	3.42	3.42	9.07
5580MHz	Pass	7.93	7.75	7.75	9.07
5700MHz	Pass	7.93	1.38	1.38	9.07
5720MHz Straddle 5.47-5.725GHz	Pass	7.93	6.34	6.34	9.07
5720MHz Straddle 5.725-5.85GHz	Pass	7.93	4.68	4.68	28.07
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5270MHz	Pass	7.93	2.63	2.63	9.07
5310MHz	Pass	7.93	0.42	0.42	9.07
5510MHz	Pass	7.93	-1.44	-1.44	9.07
5550MHz	Pass	7.93	4.96	4.96	9.07
5670MHz	Pass	7.93	0.22	0.22	9.07
5710MHz Straddle 5.47-5.725GHz	Pass	7.93	3.88	3.88	9.07
5710MHz Straddle 5.725-5.85GHz	Pass	7.93	2.09	2.09	28.07
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5290MHz	Pass	7.93	-2.53	-2.53	9.07
5530MHz	Pass	7.93	-3.07	-3.07	9.07
5610MHz	Pass	7.93	0.34	0.34	9.07
5690MHz Straddle 5.47-5.725GHz	Pass	7.93	1.13	1.13	9.07
5690MHz Straddle 5.725-5.85GHz	Pass	7.93	-1.09	-1.09	28.07
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.93	-7.16	-7.16	15.07
5250MHz Straddle 5.25-5.35GHz	Pass	7.93	-6.91	-6.91	9.07
5570MHz	Pass	7.93	-6.42	-6.42	9.07

DG = Directional Gain; **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

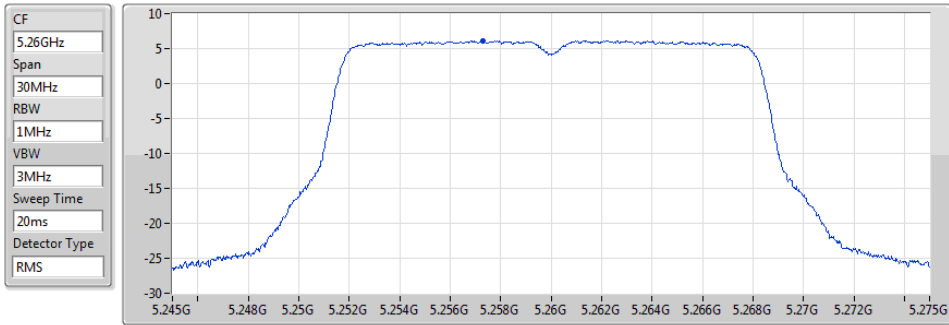
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port Xpower density;

802.11a_Nss1,(6Mbps)_1TX

PSD

5260MHz

23/04/2019



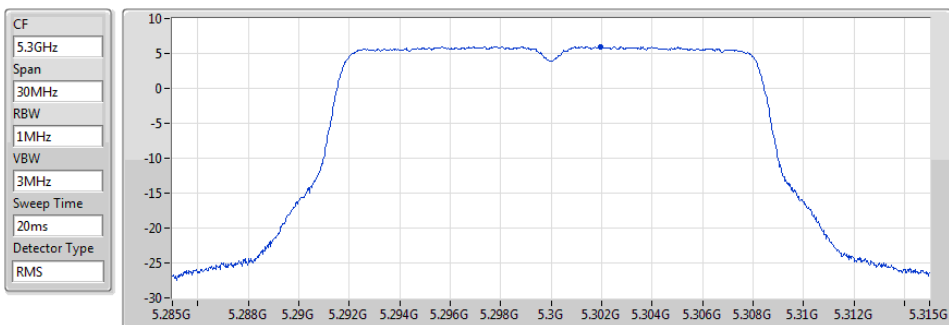
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.13	6.13	6.13

802.11a_Nss1,(6Mbps)_1TX

PSD

5300MHz

23/04/2019



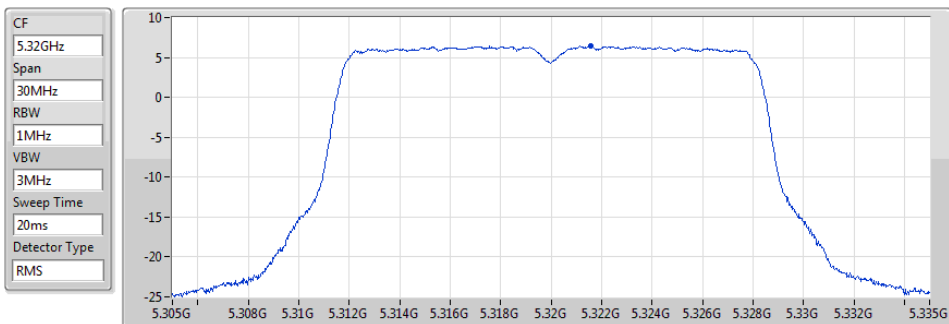
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.98	5.98	5.98

802.11a_Nss1,(6Mbps)_1TX

PSD

5320MHz

23/04/2019



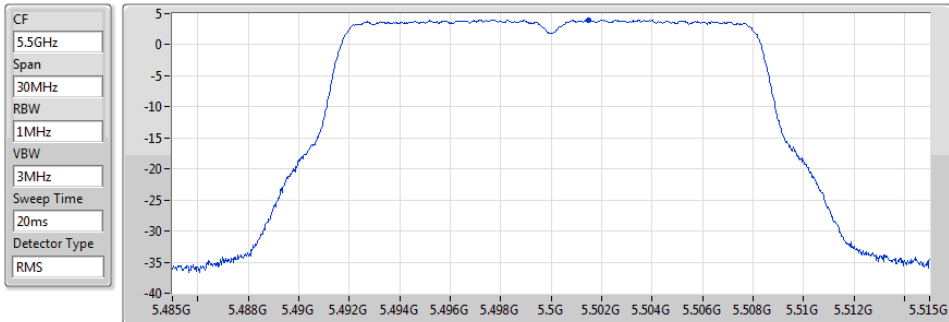
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.45	6.45	6.45

802.11a_Nss1,(6Mbps)_1TX

PSD

5500MHz

23/04/2019



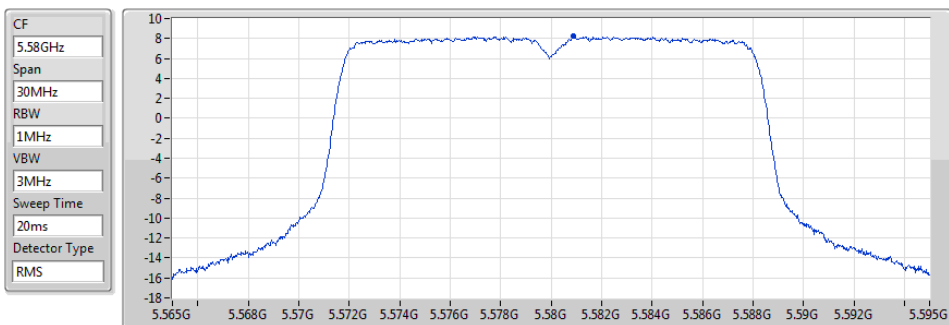
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.01	4.01	4.01

802.11a_Nss1,(6Mbps)_1TX

PSD

5580MHz

23/04/2019



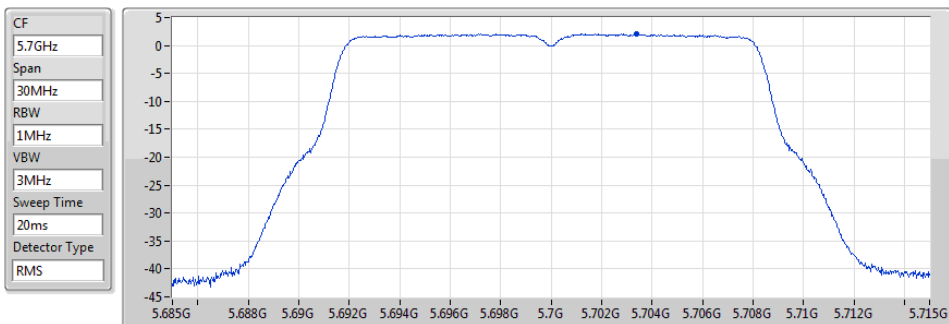
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.25	8.25	8.25

802.11a_Nss1,(6Mbps)_1TX

PSD

5700MHz

23/04/2019



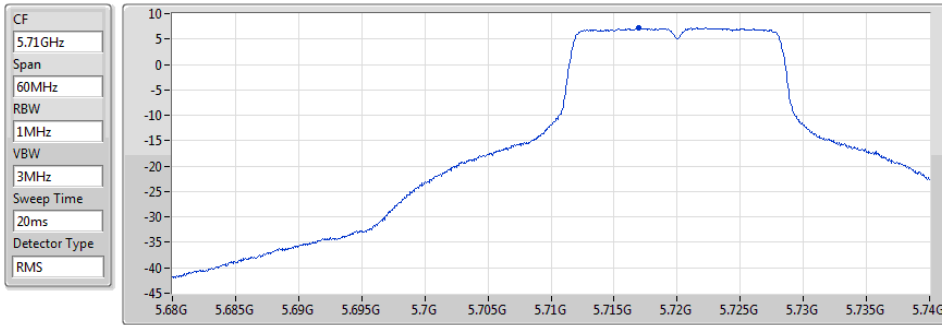
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.08	2.08	2.08

802.11a_Nss1,(6Mbps)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

23/04/2019



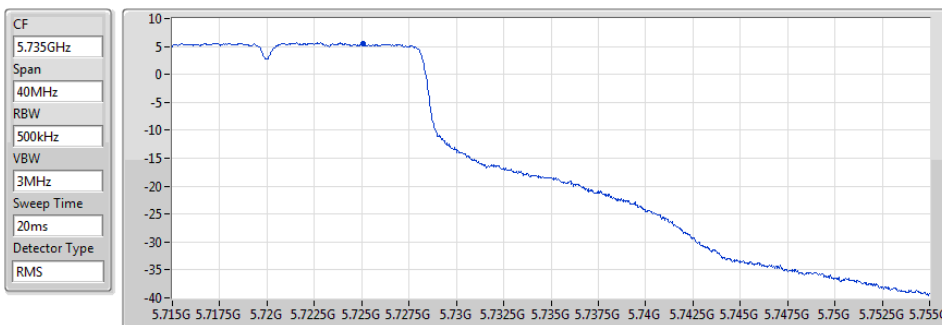
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.15	7.15	7.15

802.11a_Nss1,(6Mbps)_1TX

PSD

5720MHz Straddle 5.725-5.85GHz

23/04/2019



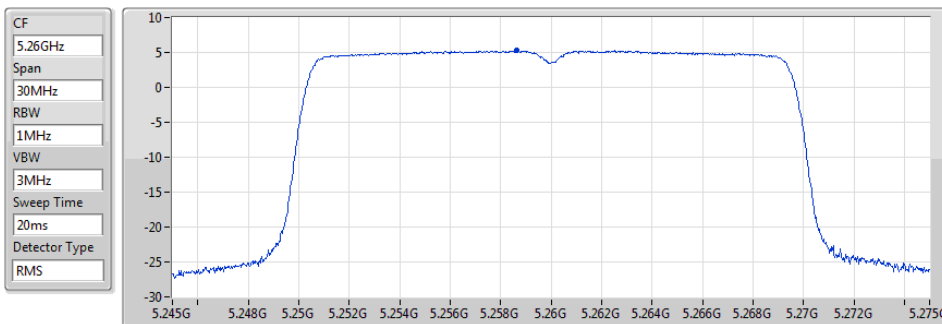
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.54	5.54	5.54

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5260MHz

23/04/2019



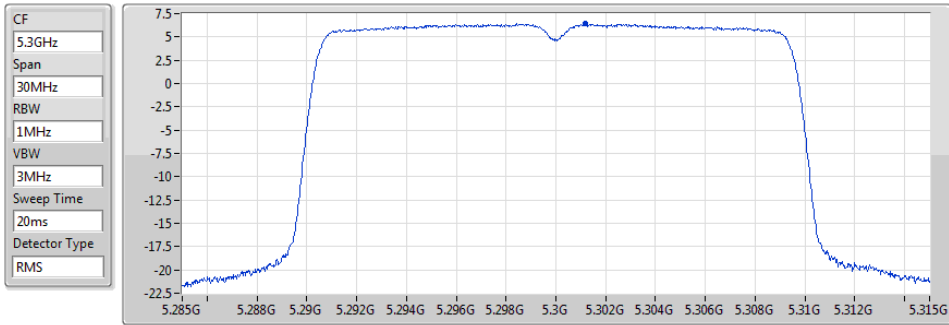
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.25	5.25	5.25

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5300MHz

23/04/2019



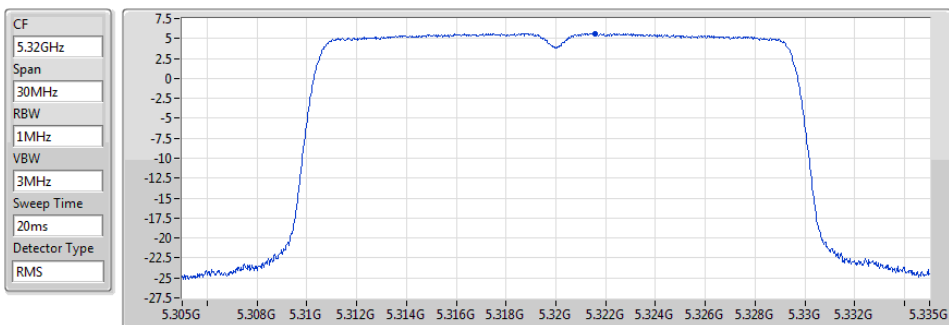
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.43	6.43	6.43

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5320MHz

23/04/2019



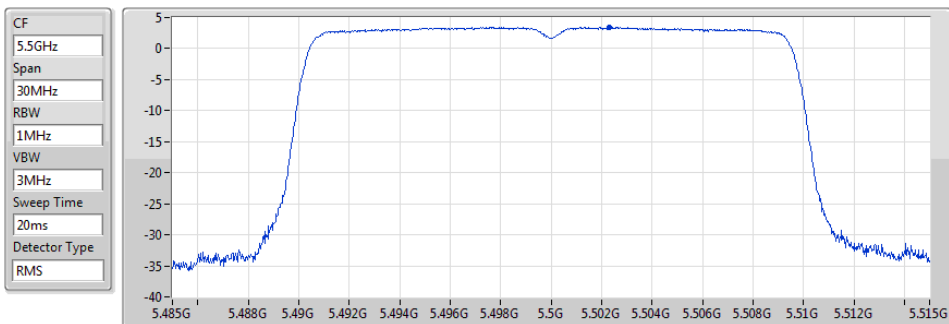
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.65	5.65	5.65

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5500MHz

23/04/2019



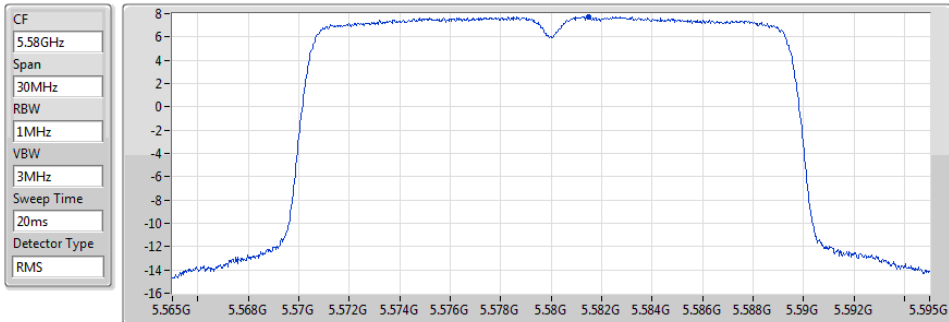
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.42	3.42	3.42

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5580MHz

23/04/2019

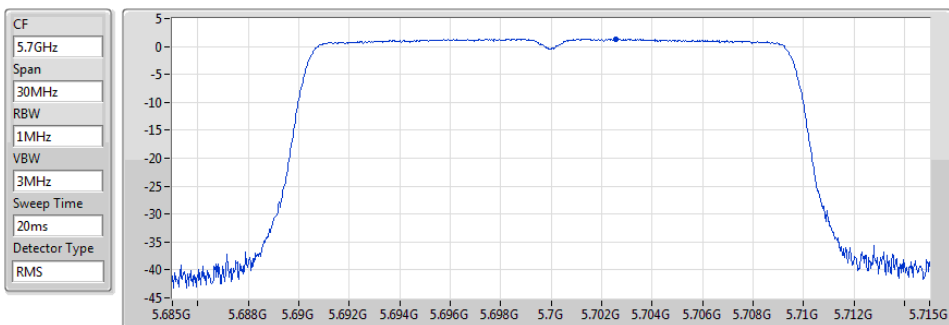


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5700MHz

23/04/2019

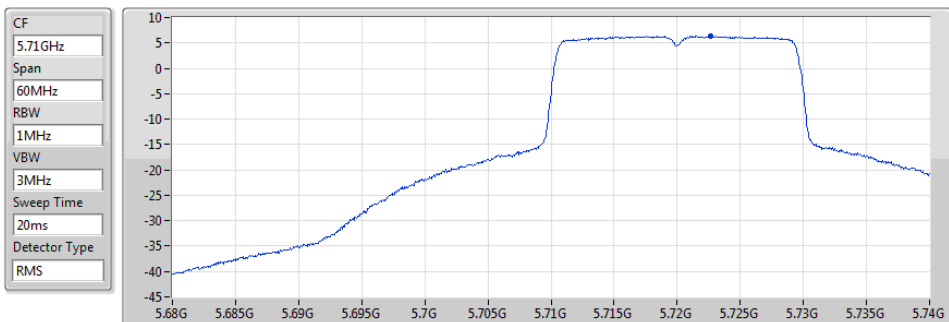


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

23/04/2019

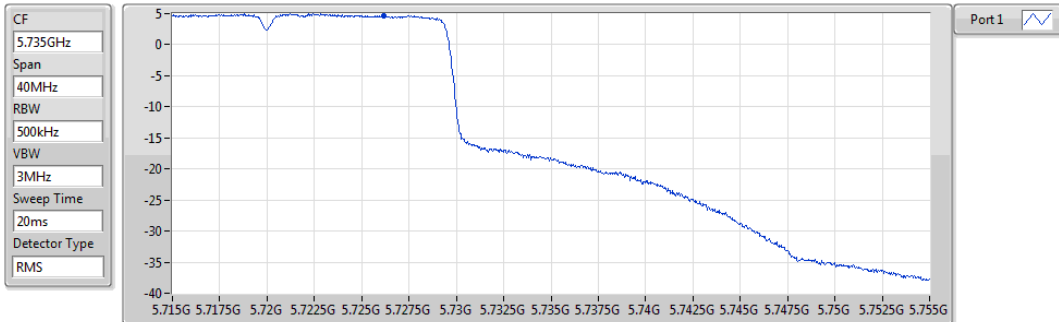


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.725-5.85GHz

23/04/2019



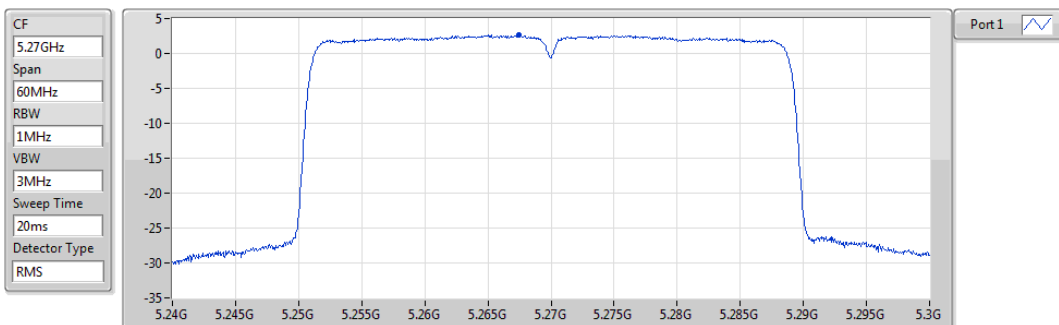
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.68	4.68	4.68

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5270MHz

23/04/2019



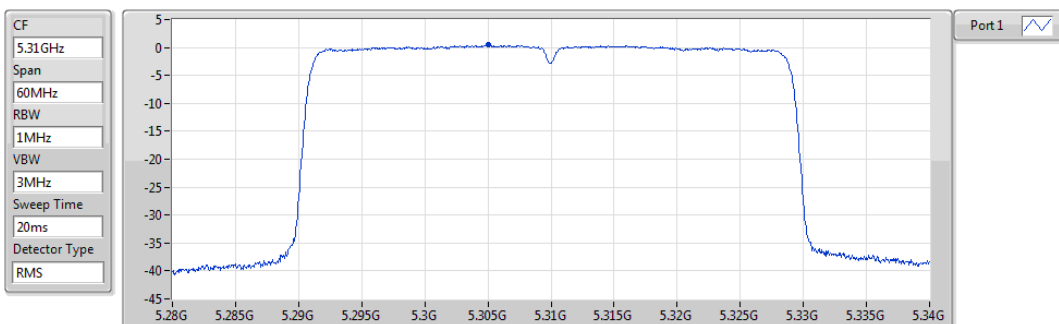
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.63	2.63	2.63

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5310MHz

23/04/2019



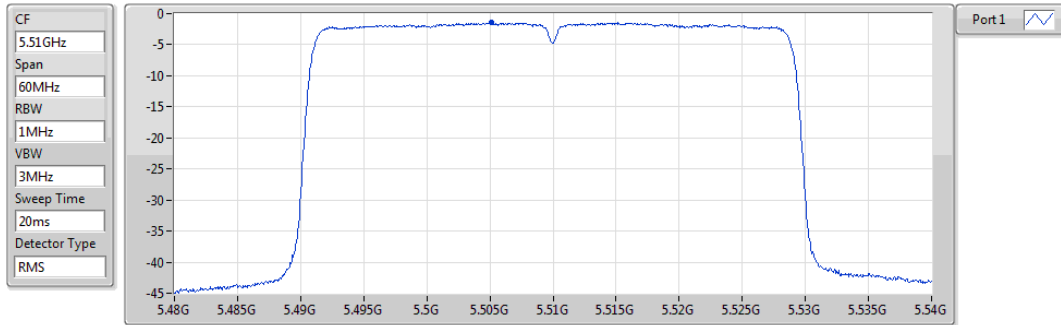
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.42	0.42	0.42

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5510MHz

23/04/2019



802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5550MHz

23/04/2019

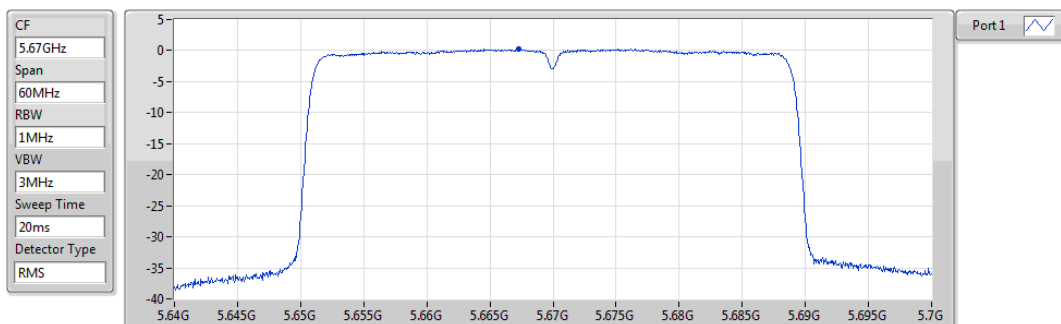


802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5670MHz

23/04/2019

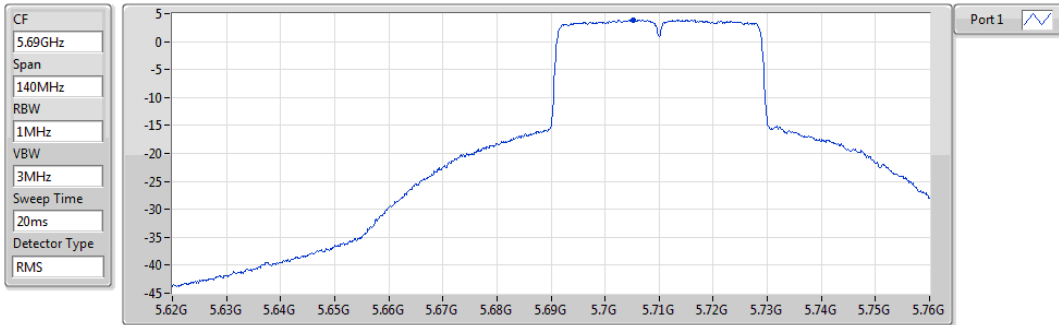


802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.47-5.725GHz

24/04/2019



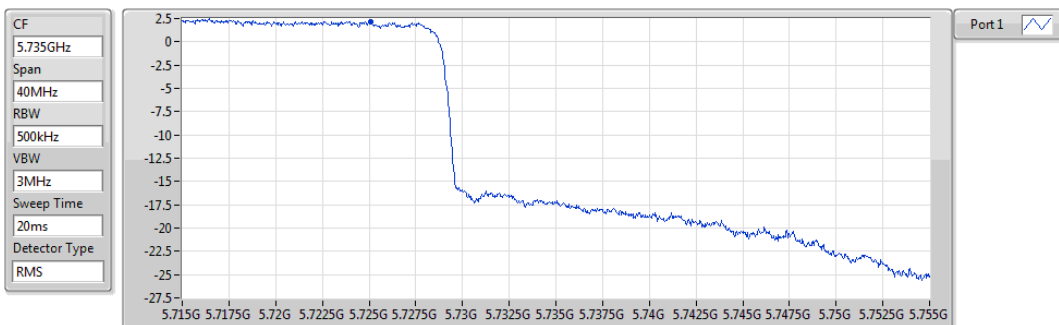
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.88	3.88	3.88

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.725-5.85GHz

24/04/2019



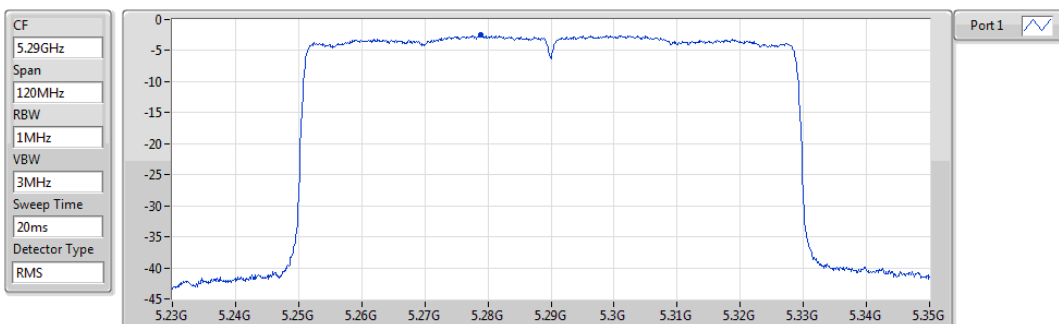
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.09	2.09	2.09

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5290MHz

23/04/2019



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.53	-2.53	-2.53

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5530MHz

23/04/2019

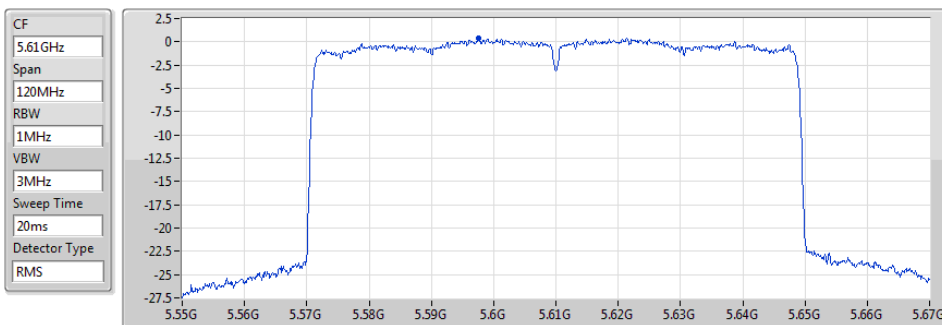


802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5610MHz

23/04/2019

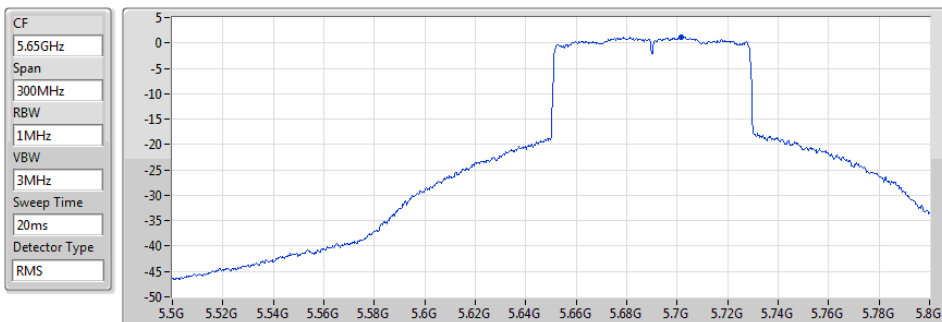


802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.47-5.725GHz

24/04/2019

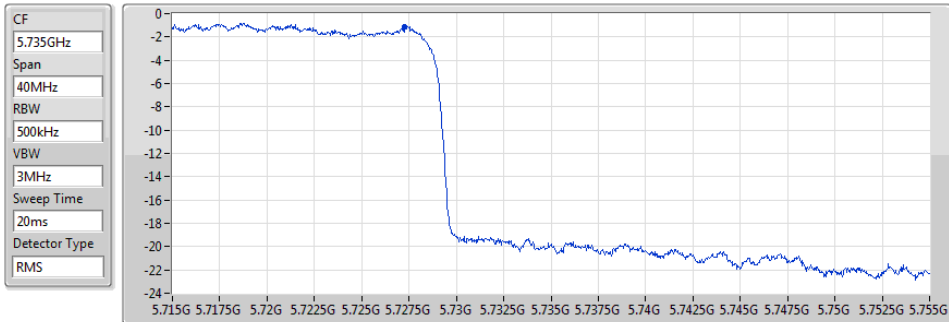


802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.725-5.85GHz

24/04/2019



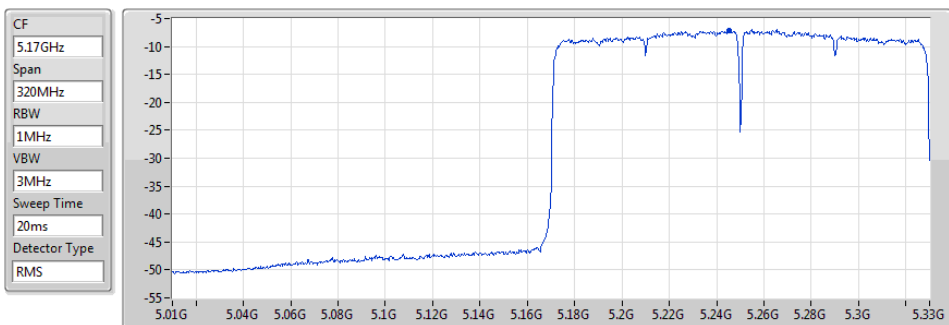
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.09	-1.09	-1.09

802.11ax HEW160_Nss1,(MCS0)_1TX

PSD

5250MHz Straddle 5.15-5.25GHz

24/04/2019



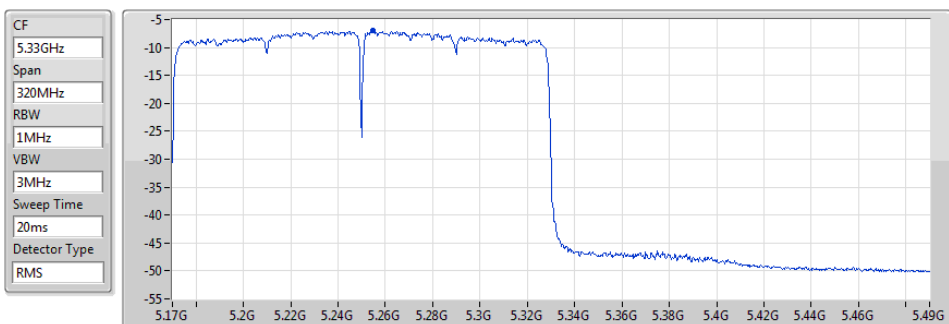
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.16	-7.16	-7.16

802.11ax HEW160_Nss1,(MCS0)_1TX

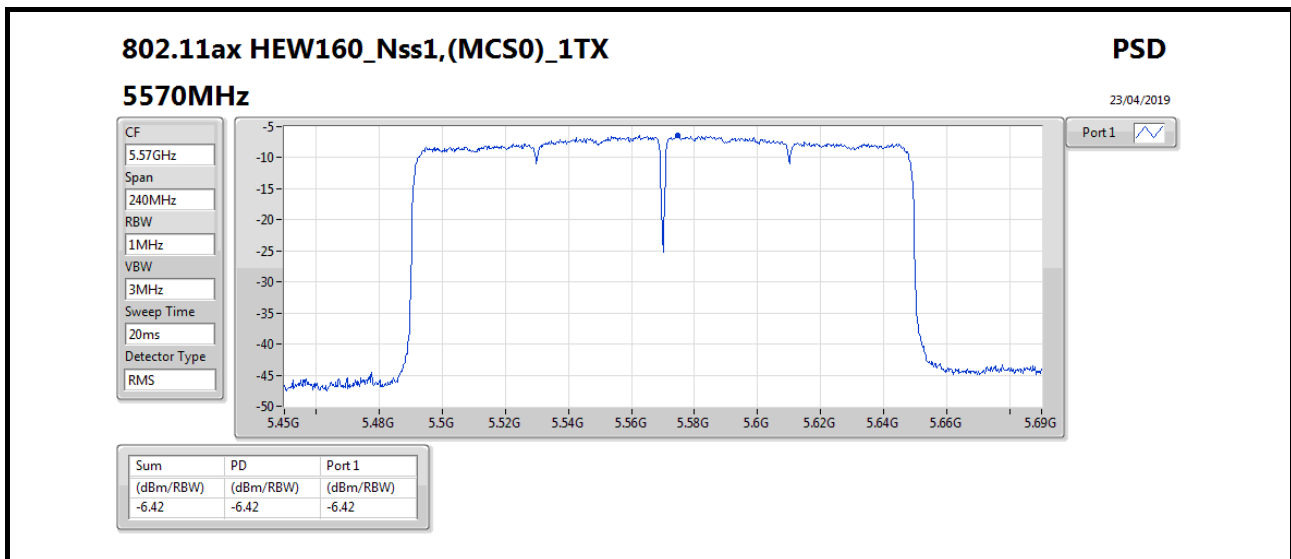
PSD

5250MHz Straddle 5.25-5.35GHz

24/04/2019



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.91	-6.91	-6.91



**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 2 ~ Band 4:
Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW160_Nss2,(MCS0)_2TX	-5.32
5.25-5.35GHz	-
802.11ax HEW20_Nss2,(MCS0)_2TX	8.33
802.11ax HEW40_Nss2,(MCS0)_2TX	5.59
802.11ax HEW80_Nss2,(MCS0)_2TX	-1.50
802.11ax HEW160_Nss2,(MCS0)_2TX	-5.16
5.47-5.725GHz	-
802.11ax HEW20_Nss2,(MCS0)_2TX	8.82
802.11ax HEW40_Nss2,(MCS0)_2TX	5.86
802.11ax HEW80_Nss2,(MCS0)_2TX	2.73
802.11ax HEW160_Nss2,(MCS0)_2TX	-6.13
5.725-5.85GHz	-
802.11ax HEW20_Nss2,(MCS0)_2TX	7.12
802.11ax HEW40_Nss2,(MCS0)_2TX	3.63
802.11ax HEW80_Nss2,(MCS0)_2TX	0.15

RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	7.93	5.09	5.39	8.23	9.07
5300MHz	Pass	7.93	5.20	5.51	8.33	9.07
5320MHz	Pass	7.93	3.56	4.16	6.85	9.07
5500MHz	Pass	7.93	1.30	1.60	4.44	9.07
5580MHz	Pass	7.93	5.38	5.45	8.40	9.07
5700MHz	Pass	7.93	0.07	0.83	3.45	9.07
5720MHz Straddle 5.47-5.725GHz	Pass	7.93	5.72	5.90	8.82	9.07
5720MHz Straddle 5.725-5.85GHz	Pass	7.93	4.23	4.13	7.12	28.07
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	7.93	2.68	2.73	5.59	9.07
5310MHz	Pass	7.93	-0.80	-0.67	2.19	9.07
5510MHz	Pass	7.93	-2.44	-1.71	0.89	9.07
5550MHz	Pass	7.93	3.00	2.89	5.86	9.07
5670MHz	Pass	7.93	-1.37	-1.01	1.74	9.07
5710MHz Straddle 5.47-5.725GHz	Pass	7.93	2.75	2.57	5.60	9.07
5710MHz Straddle 5.725-5.85GHz	Pass	7.93	0.81	0.49	3.63	28.07
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	7.93	-4.43	-4.48	-1.50	9.07
5530MHz	Pass	7.93	-5.24	-5.18	-2.26	9.07
5610MHz	Pass	7.93	-1.96	-1.69	1.12	9.07
5690MHz Straddle 5.47-5.725GHz	Pass	7.93	-0.36	0.01	2.73	9.07
5690MHz Straddle 5.725-5.85GHz	Pass	7.93	-2.81	-2.89	0.15	28.07
802.11ax HEW160_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.93	-8.32	-8.30	-5.32	15.07
5250MHz Straddle 5.25-5.35GHz	Pass	7.93	-8.34	-7.94	-5.16	9.07
5570MHz	Pass	7.93	-9.29	-8.93	-6.13	9.07

DG = Directional Gain; **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

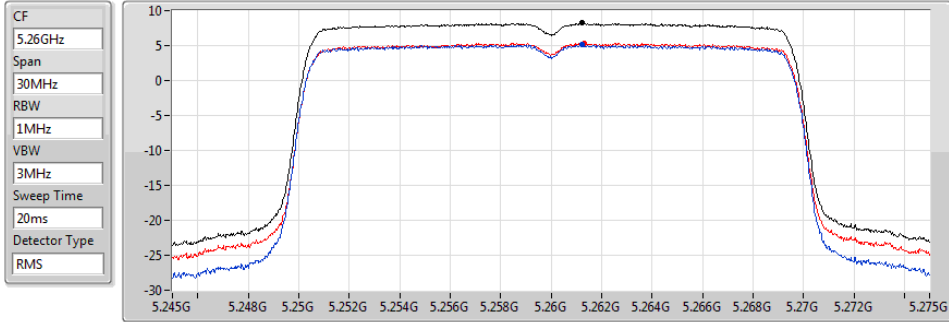
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port Xpower density;

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5260MHz

24/04/2019



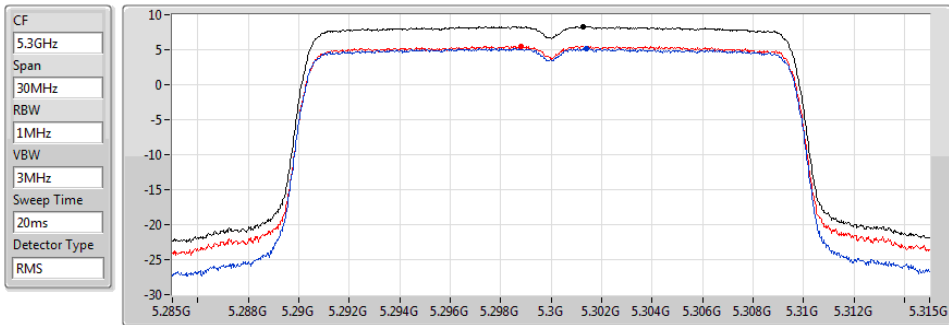
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.23	8.23	5.09	5.39

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5300MHz

24/04/2019



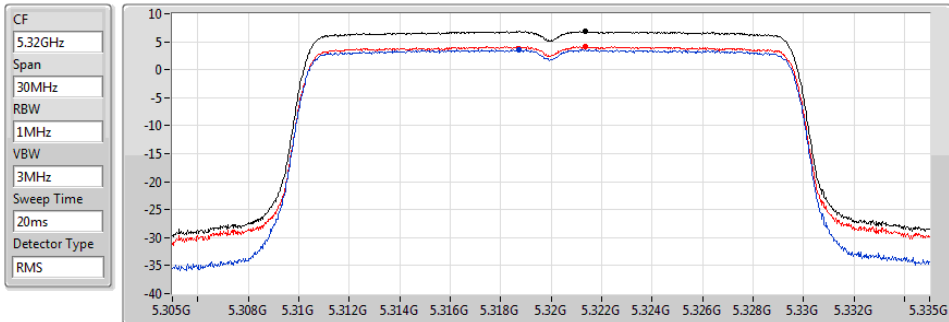
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.33	8.33	5.20	5.51

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5320MHz

24/04/2019



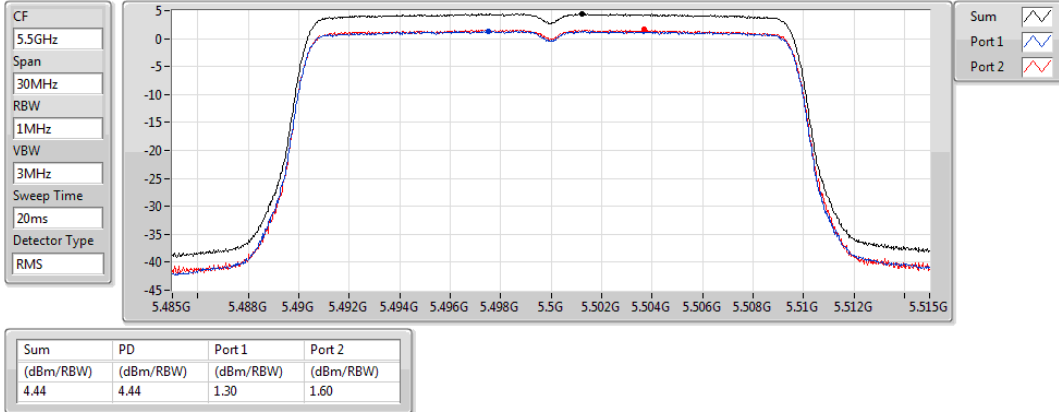
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.85	6.85	3.56	4.16

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5500MHz

24/04/2019

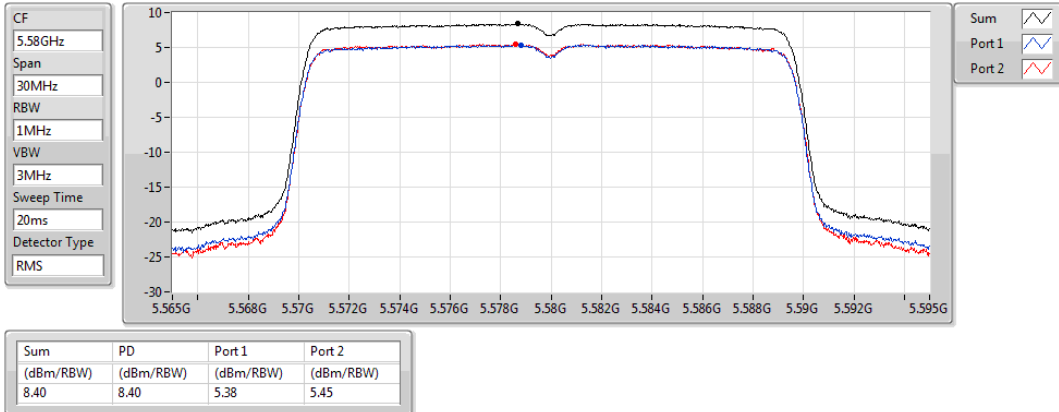


802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5580MHz

24/04/2019

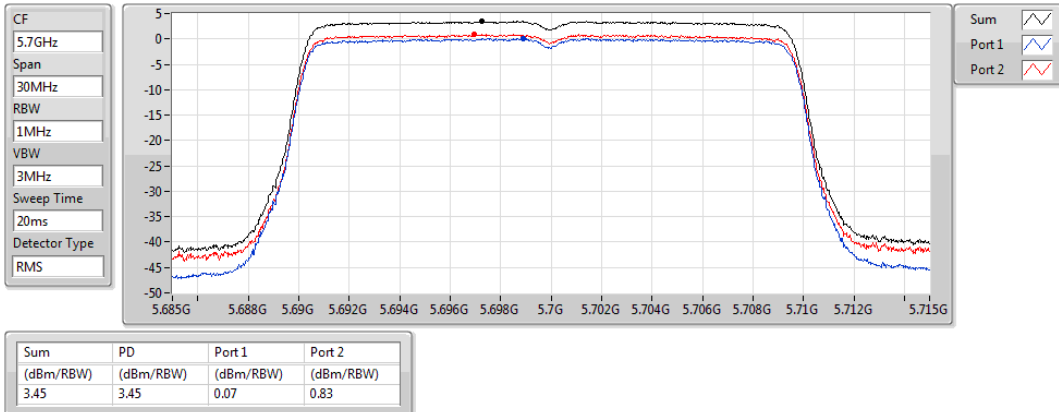


802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5700MHz

24/04/2019

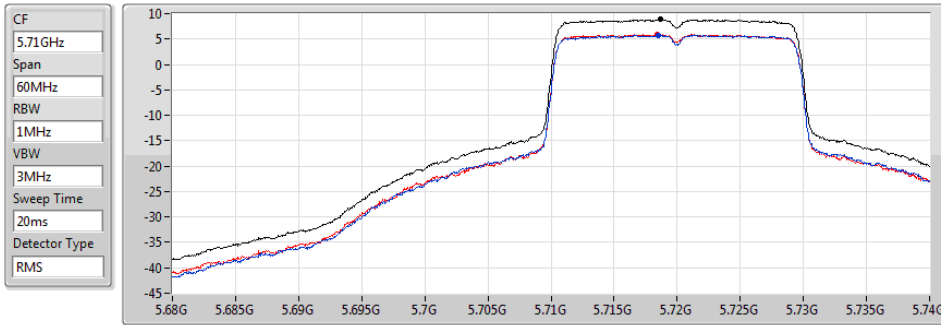


802.11ax HEW20_Nss2,(MCS0)_2TX

5720MHz Straddle 5.47-5.725GHz

PSD

24/04/2019



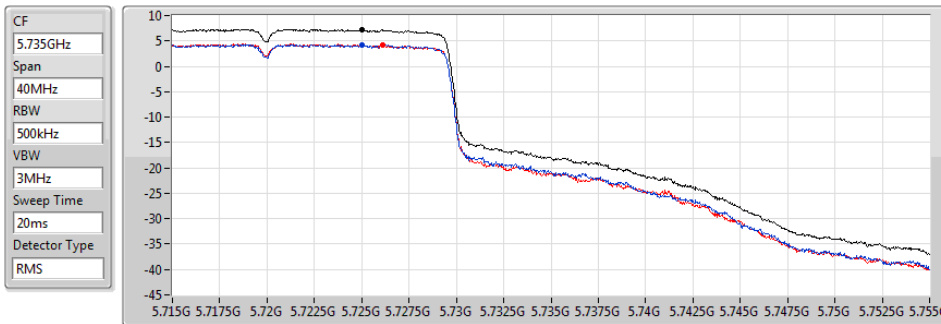
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.82	8.82	5.72	5.90

802.11ax HEW20_Nss2,(MCS0)_2TX

5720MHz Straddle 5.725-5.85GHz

PSD

24/04/2019



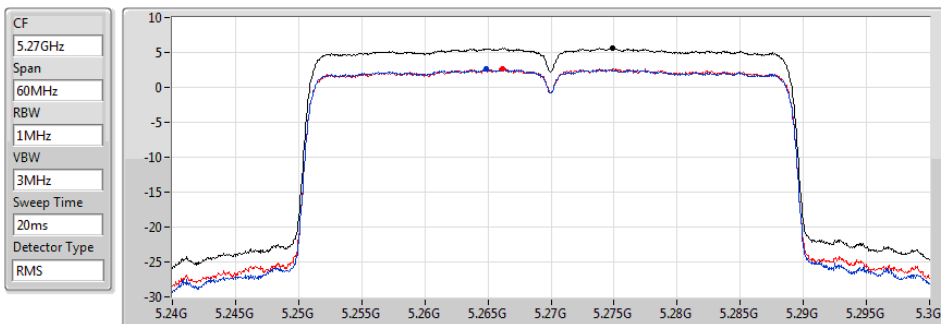
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.12	7.12	4.23	4.13

802.11ax HEW40_Nss2,(MCS0)_2TX

5270MHz

PSD

24/04/2019



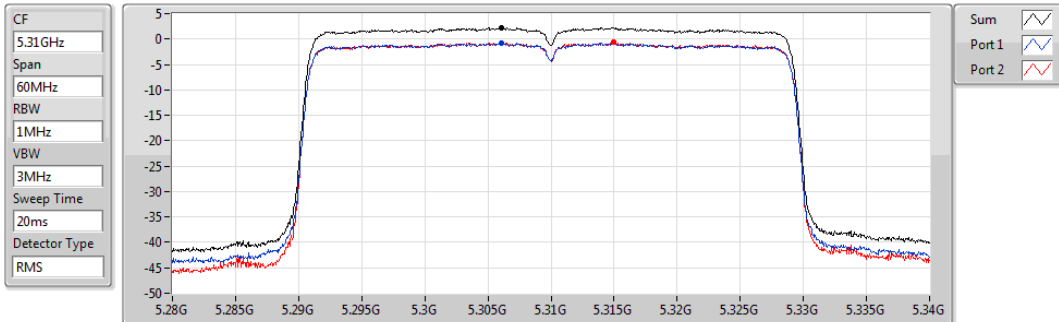
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.59	5.59	2.68	2.73

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5310MHz

24/04/2019



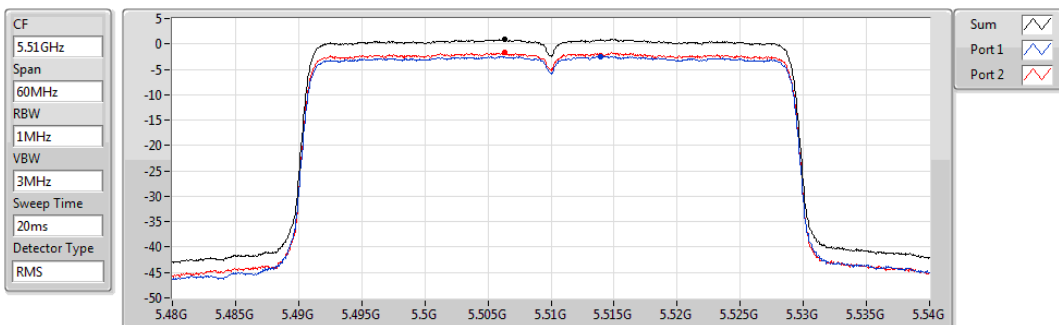
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.19	2.19	-0.80	-0.67

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5510MHz

24/04/2019



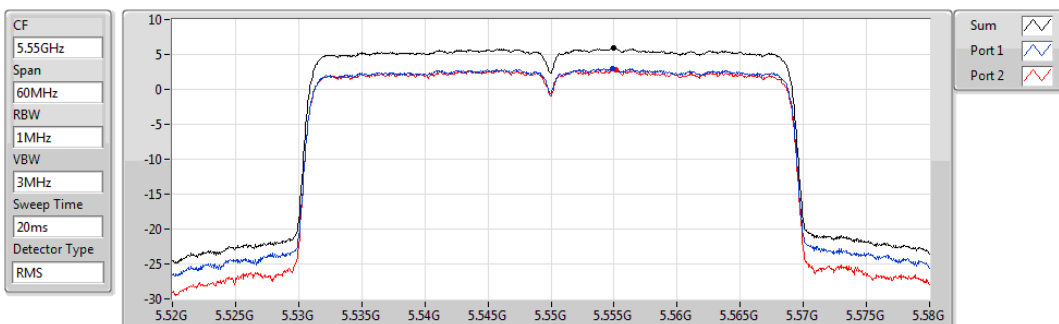
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.89	0.89	-2.44	-1.71

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5550MHz

24/04/2019



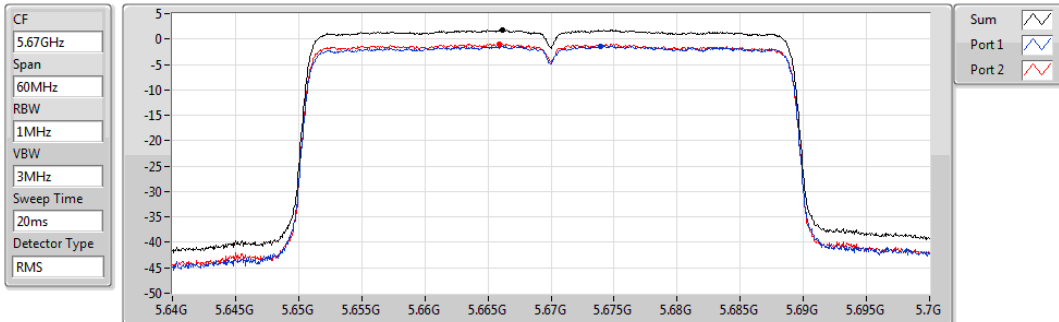
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.86	5.86	3.00	2.89

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5670MHz

24/04/2019



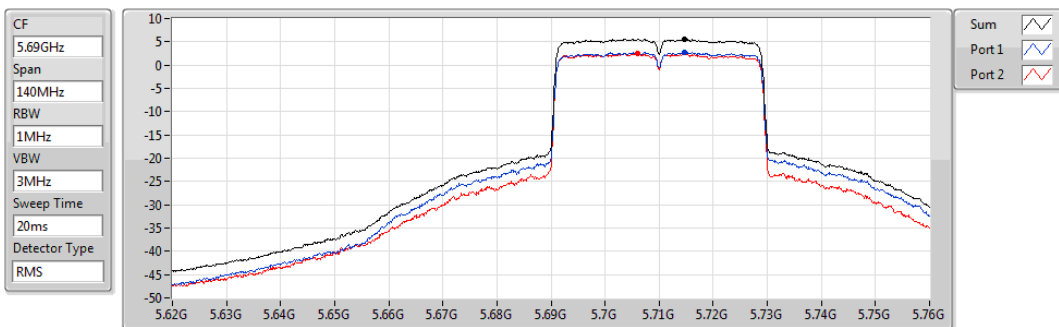
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.74	1.74	-1.37	-1.01

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

24/04/2019



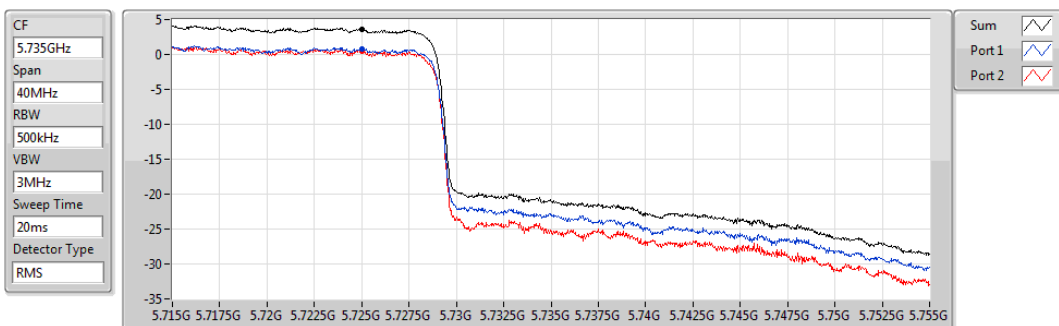
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.60	5.60	2.75	2.57

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5710MHz Straddle 5.725-5.85GHz

24/04/2019



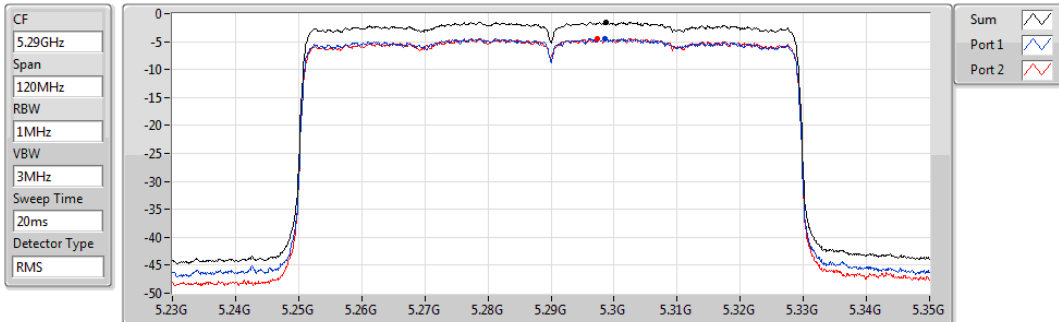
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.63	3.63	0.81	0.49

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5290MHz

24/04/2019



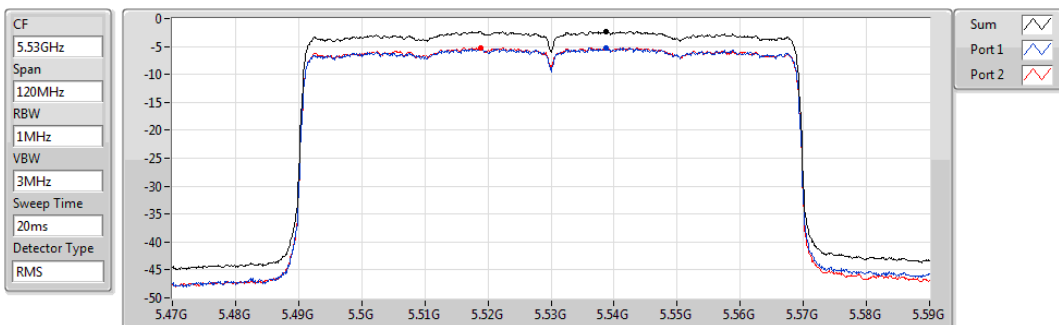
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.50	-1.50	-4.43	-4.48

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5530MHz

24/04/2019



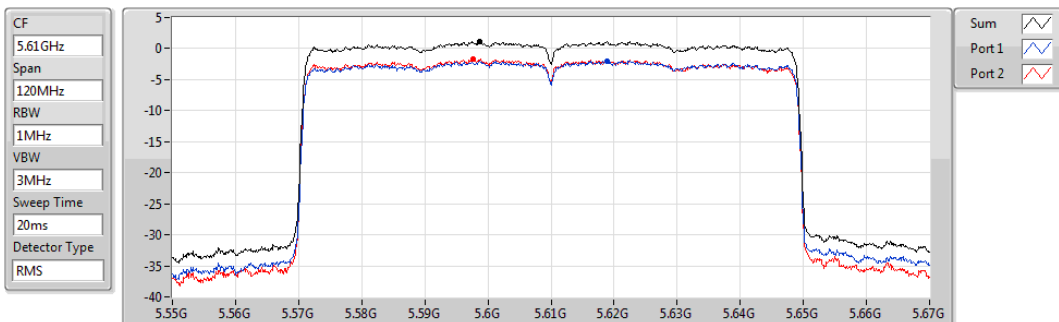
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.26	-2.26	-5.24	-5.18

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5610MHz

24/04/2019



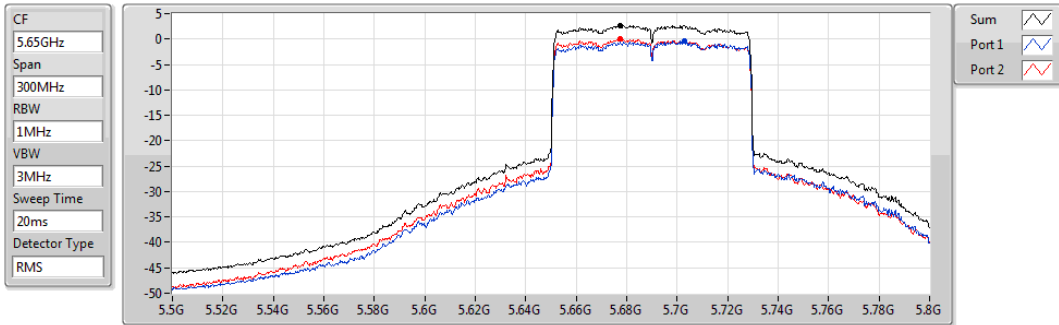
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.12	1.12	-1.96	-1.69

802.11ax HEW80_Nss2,(MCS0)_2TX

5690MHz Straddle 5.47-5.725GHz

PSD

24/04/2019



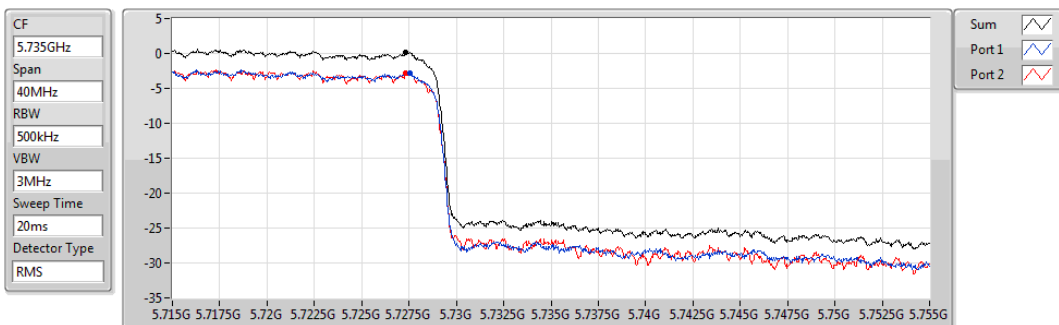
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.73	2.73	-0.36	0.01

802.11ax HEW80_Nss2,(MCS0)_2TX

5690MHz Straddle 5.725-5.85GHz

PSD

24/04/2019



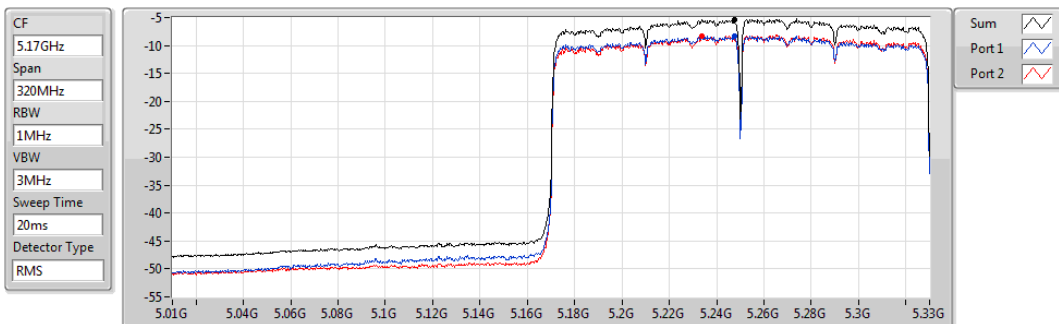
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.15	0.15	-2.81	-2.89

802.11ax HEW160_Nss2,(MCS0)_2TX

5250MHz Straddle 5.15-5.25GHz

PSD

24/04/2019



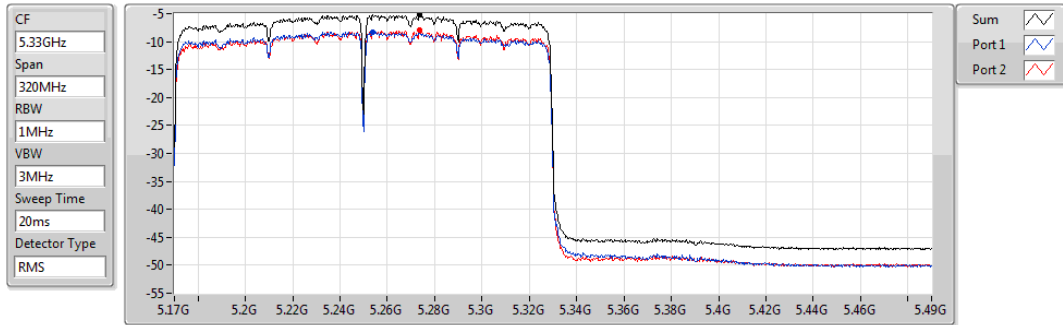
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.32	-5.32	-8.32	-8.30

802.11ax HEW160_Nss2,(MCS0)_2TX

5250MHz Straddle 5.25-5.35GHz

PSD

24/04/2019



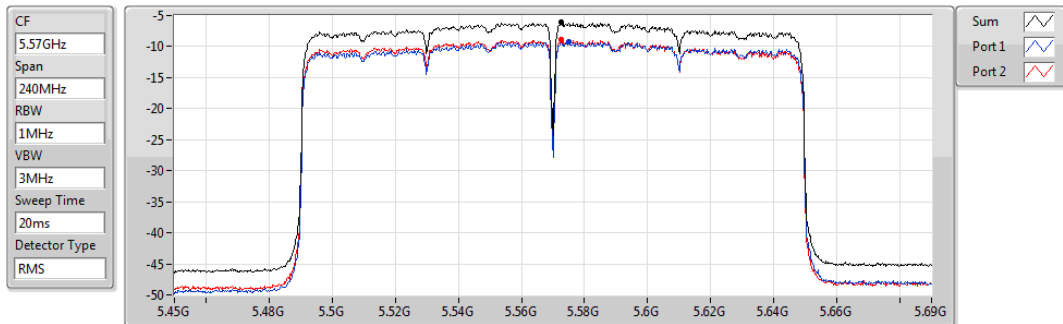
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-5.16	-5.16	-8.34	-7.94

802.11ax HEW160_Nss2,(MCS0)_2TX

5570MHz

PSD

24/04/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-6.13	-6.13	-9.29	-8.93

**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 2 ~ Band 4:
Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW160_Nss1,(MCS0)_4TX	-4.78
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_4TX	3.03
802.11ax HEW20_Nss1,(MCS0)_4TX	3.01
802.11ax HEW40_Nss1,(MCS0)_4TX	2.98
802.11ax HEW80_Nss1,(MCS0)_4TX	0.43
802.11ax HEW160_Nss1,(MCS0)_4TX	-4.70
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_4TX	2.94
802.11ax HEW20_Nss1,(MCS0)_4TX	3.02
802.11ax HEW40_Nss1,(MCS0)_4TX	3.03
802.11ax HEW80_Nss1,(MCS0)_4TX	2.99
802.11ax HEW160_Nss1,(MCS0)_4TX	-3.03
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	1.22
802.11ax HEW20_Nss1,(MCS0)_4TX	1.29
802.11ax HEW40_Nss1,(MCS0)_4TX	0.93
802.11ax HEW80_Nss1,(MCS0)_4TX	0.26

RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;



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)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	13.95	-3.95	-2.62	-2.14	-2.82	3.03	3.05
5300MHz	Pass	13.95	-3.64	-3.07	-2.05	-2.87	3.01	3.05
5320MHz	Pass	13.95	-3.68	-2.53	-2.49	-3.00	2.98	3.05
5500MHz	Pass	13.95	-3.87	-2.97	-2.54	-2.92	2.88	3.05
5580MHz	Pass	13.95	-3.46	-2.89	-3.09	-3.09	2.85	3.05
5700MHz	Pass	13.95	-3.47	-3.02	-2.62	-2.80	2.94	3.05
5720MHz Straddle 5.47-5.725GHz	Pass	13.95	-3.77	-2.66	-2.93	-2.85	2.91	3.05
5720MHz Straddle 5.725-5.85GHz	Pass	13.95	-5.52	-4.38	-4.61	-4.54	1.22	22.05
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	13.95	-3.83	-2.65	-2.52	-2.94	3.01	3.05
5300MHz	Pass	13.95	-4.11	-2.85	-2.14	-3.02	2.95	3.05
5320MHz	Pass	13.95	-3.87	-3.03	-2.22	-2.91	3.00	3.05
5500MHz	Pass	13.95	-3.79	-2.74	-2.52	-2.98	2.97	3.05
5580MHz	Pass	13.95	-3.64	-3.01	-2.72	-3.01	2.86	3.05
5700MHz	Pass	13.95	-3.95	-3.08	-3.24	-3.43	2.53	3.05
5720MHz Straddle 5.47-5.725GHz	Pass	13.95	-3.04	-3.10	-2.68	-2.98	3.02	3.05
5720MHz Straddle 5.725-5.85GHz	Pass	13.95	-4.74	-4.84	-4.49	-4.64	1.29	22.05
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	13.95	-3.62	-2.67	-2.60	-2.83	2.98	3.05
5310MHz	Pass	13.95	-3.32	-3.00	-2.50	-3.23	2.92	3.05
5510MHz	Pass	13.95	-3.61	-3.54	-2.99	-3.56	2.57	3.05
5550MHz	Pass	13.95	-2.84	-2.80	-3.16	-3.12	2.97	3.05
5670MHz	Pass	13.95	-3.31	-2.94	-2.35	-3.00	3.03	3.05
5710MHz Straddle 5.47-5.725GHz	Pass	13.95	-3.01	-2.89	-2.63	-3.18	3.00	3.05
5710MHz Straddle 5.725-5.85GHz	Pass	13.95	-5.08	-5.03	-4.87	-5.15	0.93	22.05
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	13.95	-6.27	-5.67	-5.25	-5.06	0.43	3.05
5530MHz	Pass	13.95	-5.81	-5.27	-5.23	-5.85	0.44	3.05
5610MHz	Pass	13.95	-3.99	-3.82	-4.17	-3.81	1.92	3.05
5690MHz Straddle 5.47-5.725GHz	Pass	13.95	-2.78	-3.06	-2.87	-3.11	2.99	3.05
5690MHz Straddle 5.725-5.85GHz	Pass	13.95	-5.14	-5.94	-5.94	-5.66	0.26	22.05
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	13.95	-11.16	-10.64	-10.54	-10.55	-4.78	9.05
5250MHz Straddle 5.25-5.35GHz	Pass	13.95	-11.25	-10.41	-10.41	-10.57	-4.70	3.05
5570MHz	Pass	13.95	-9.21	-8.68	-9.06	-9.12	-3.03	3.05

DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

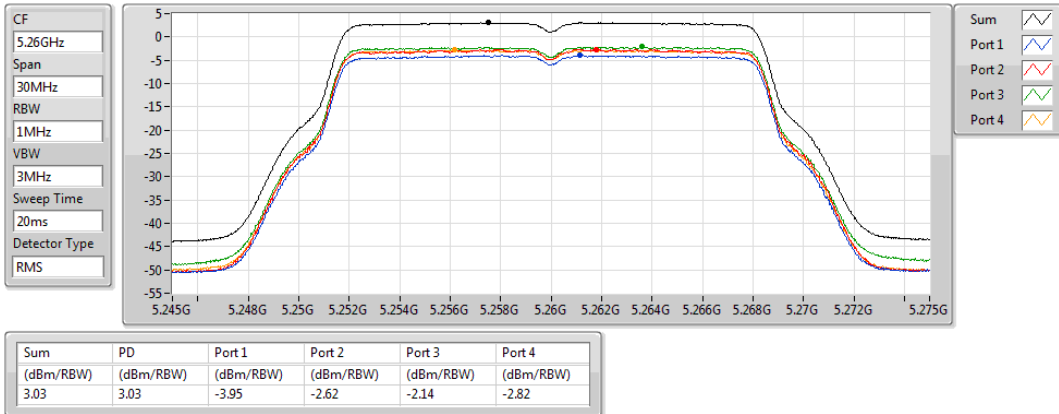
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port Xpower density;

802.11a_Nss1,(6Mbps)_4TX

PSD

5260MHz

24/04/2019

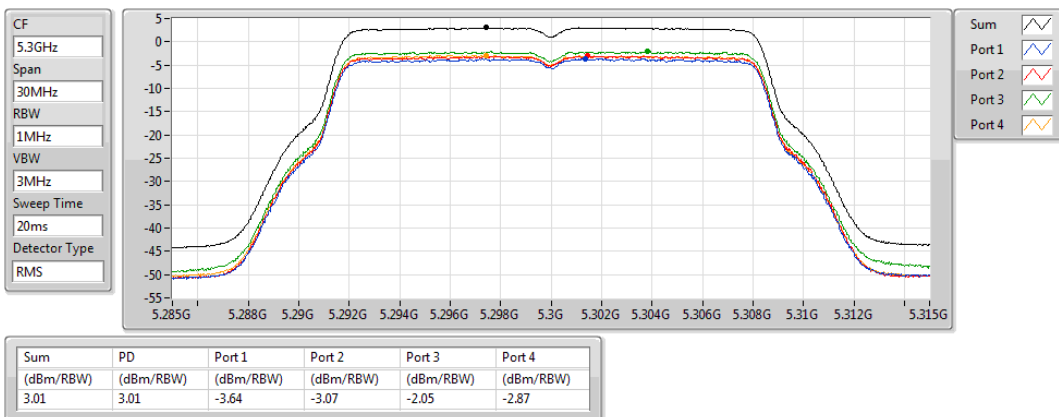


802.11a_Nss1,(6Mbps)_4TX

PSD

5300MHz

24/04/2019

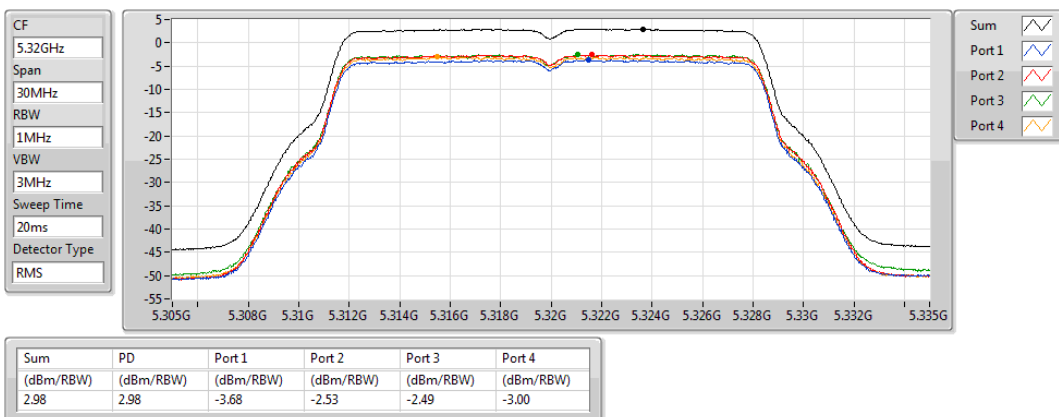


802.11a_Nss1,(6Mbps)_4TX

PSD

5320MHz

24/04/2019

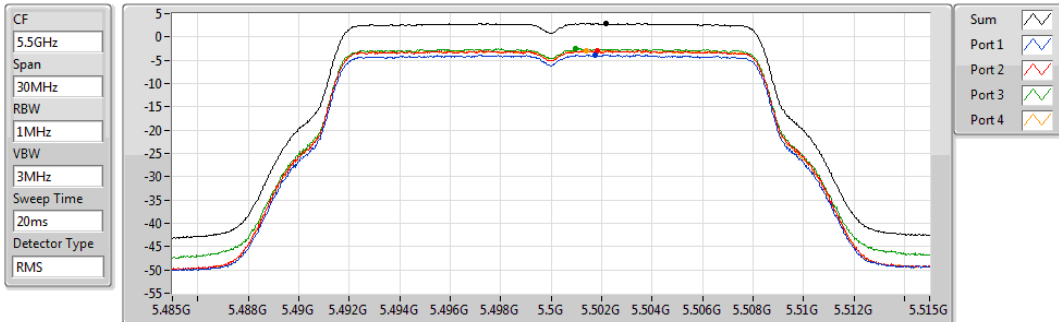


802.11a_Nss1,(6Mbps)_4TX

PSD

5500MHz

24/04/2019



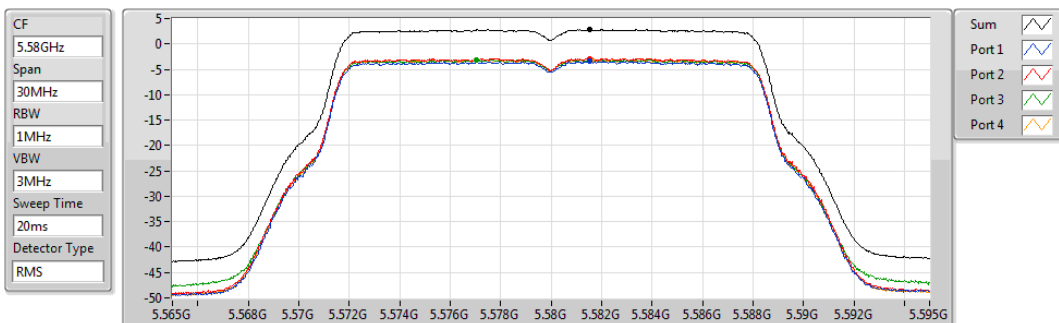
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.88	2.88	-3.87	-2.97	-2.54	-2.92

802.11a_Nss1,(6Mbps)_4TX

PSD

5580MHz

24/04/2019



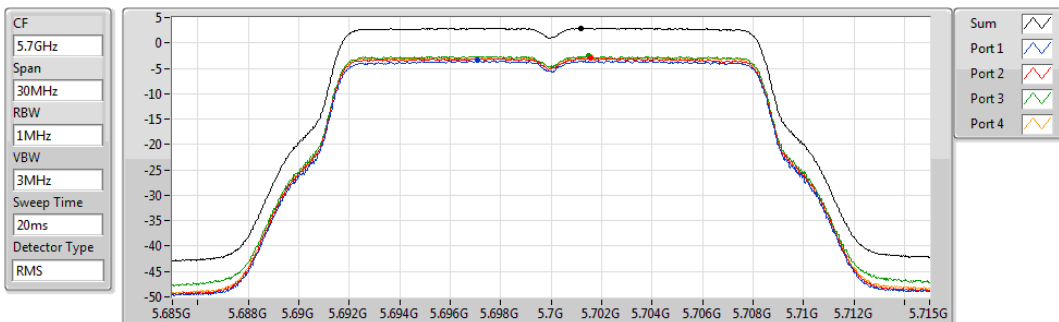
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.85	2.85	-3.46	-2.89	-3.09	-3.09

802.11a_Nss1,(6Mbps)_4TX

PSD

5700MHz

24/04/2019



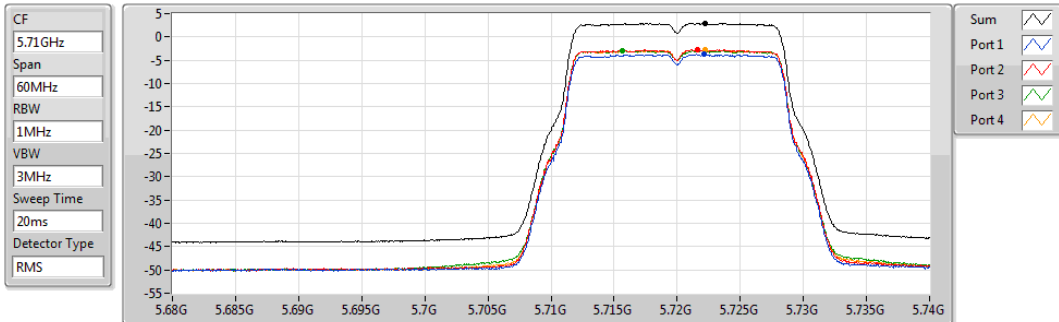
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.94	2.94	-3.47	-3.02	-2.62	-2.80

802.11a_Nss1,(6Mbps)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

24/04/2019



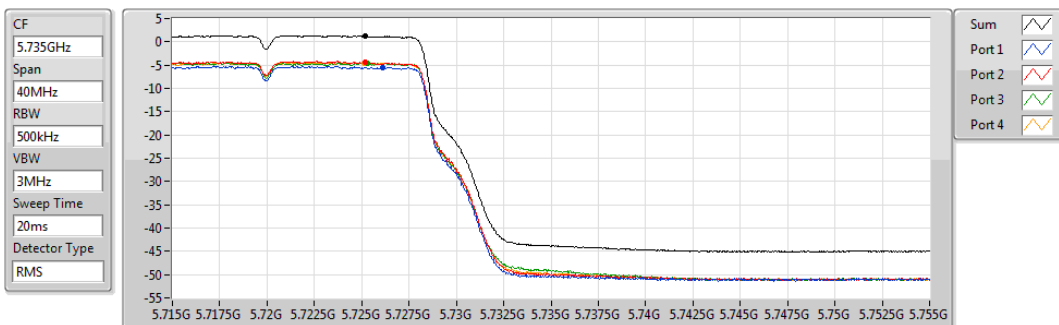
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.91	2.91	-3.77	-2.66	-2.93	-2.85

802.11a_Nss1,(6Mbps)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

24/04/2019



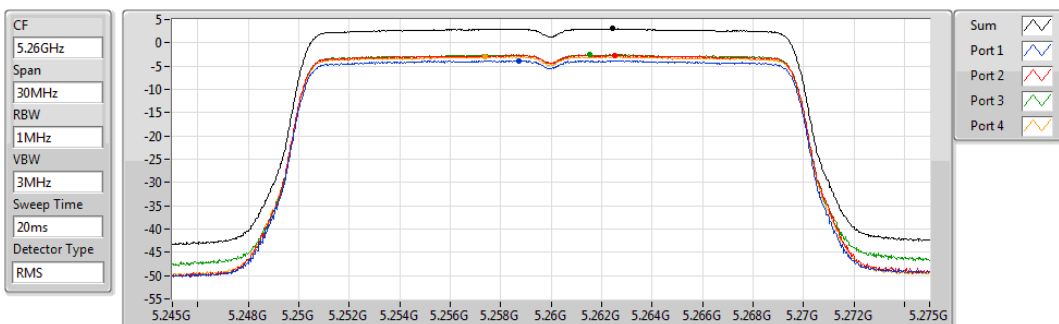
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.22	1.22	-5.52	-4.38	-4.61	-4.54

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5260MHz

24/04/2019



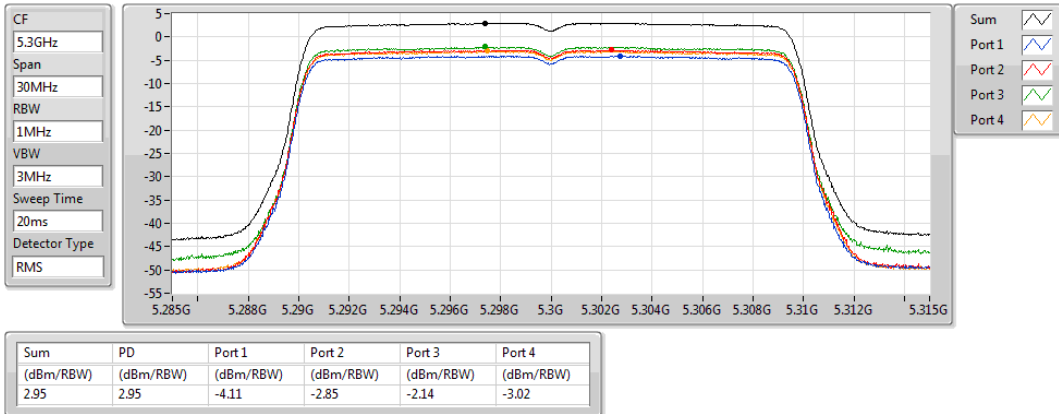
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.01	3.01	-3.83	-2.65	-2.52	-2.94

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5300MHz

24/04/2019

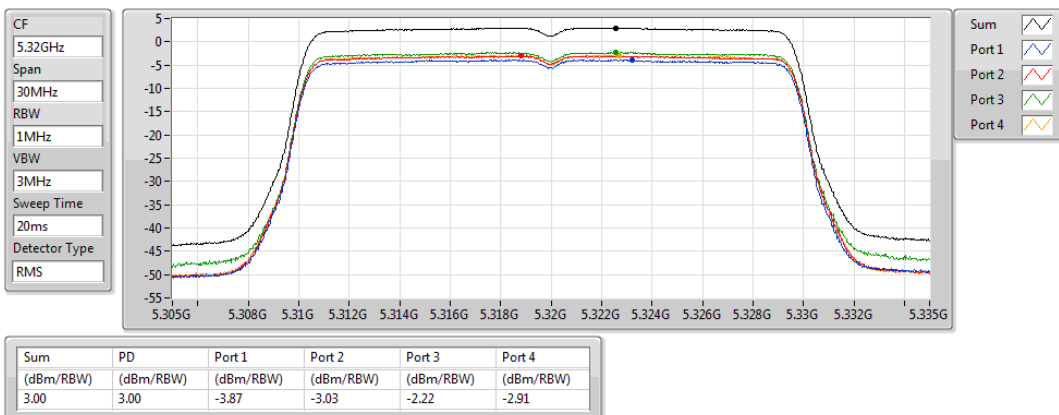


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5320MHz

24/04/2019



802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5500MHz

24/04/2019

