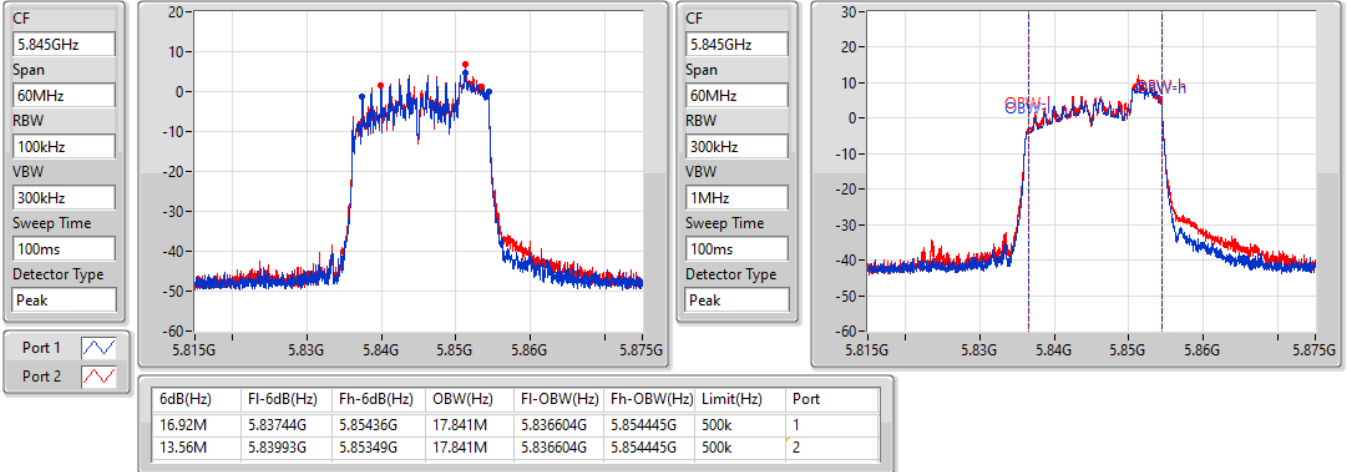


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5845MHz

02/06/2022

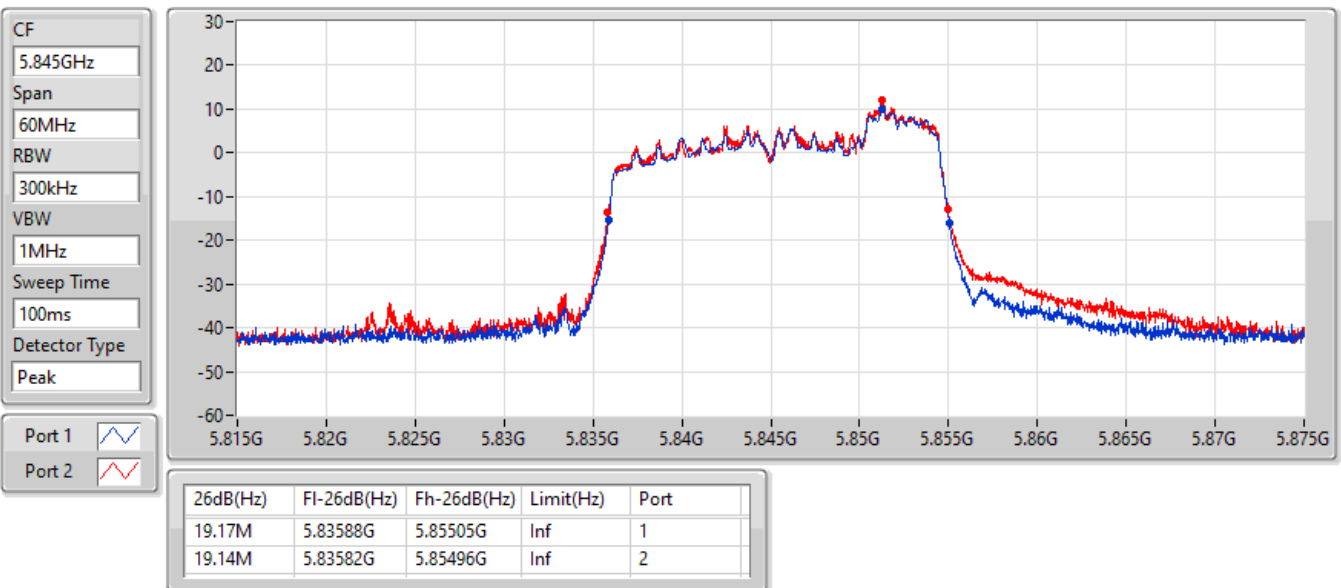


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5845MHz

02/06/2022

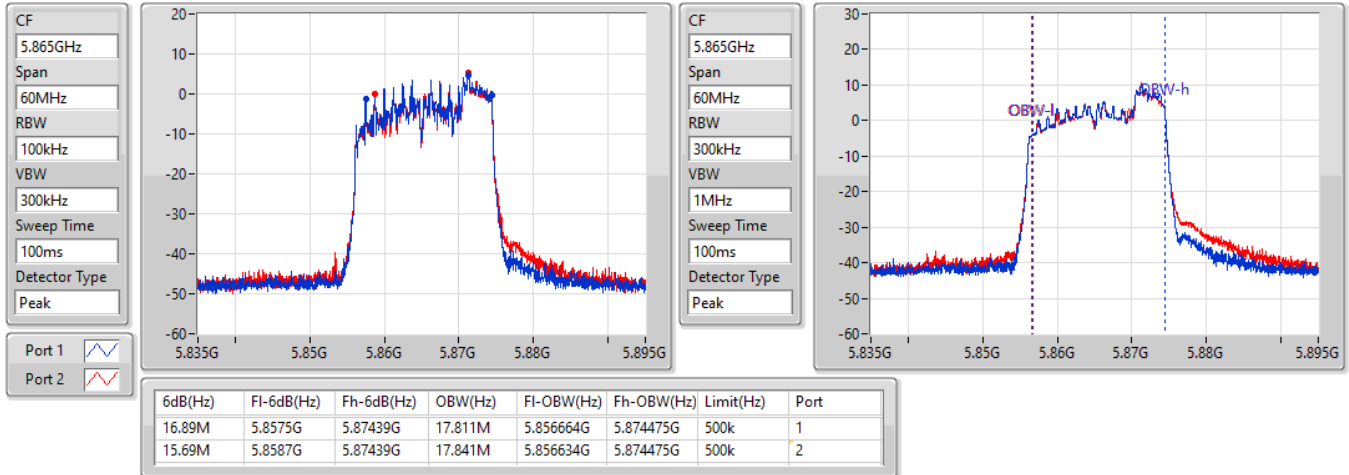


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5865MHz

02/06/2022

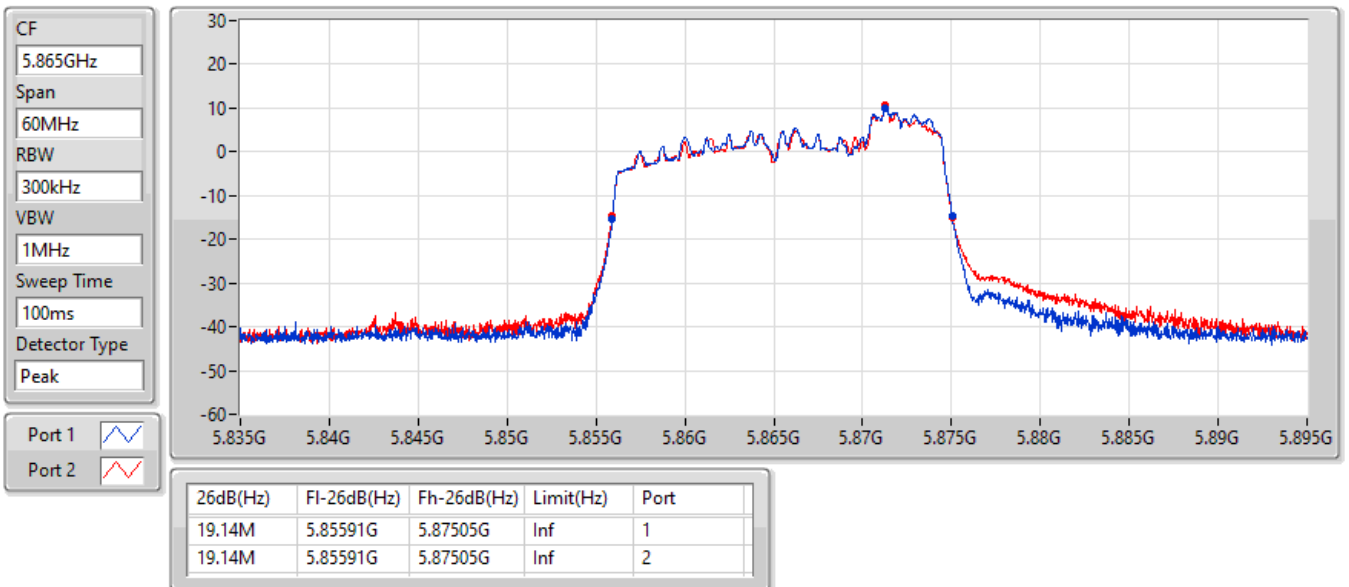


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5865MHz

02/06/2022

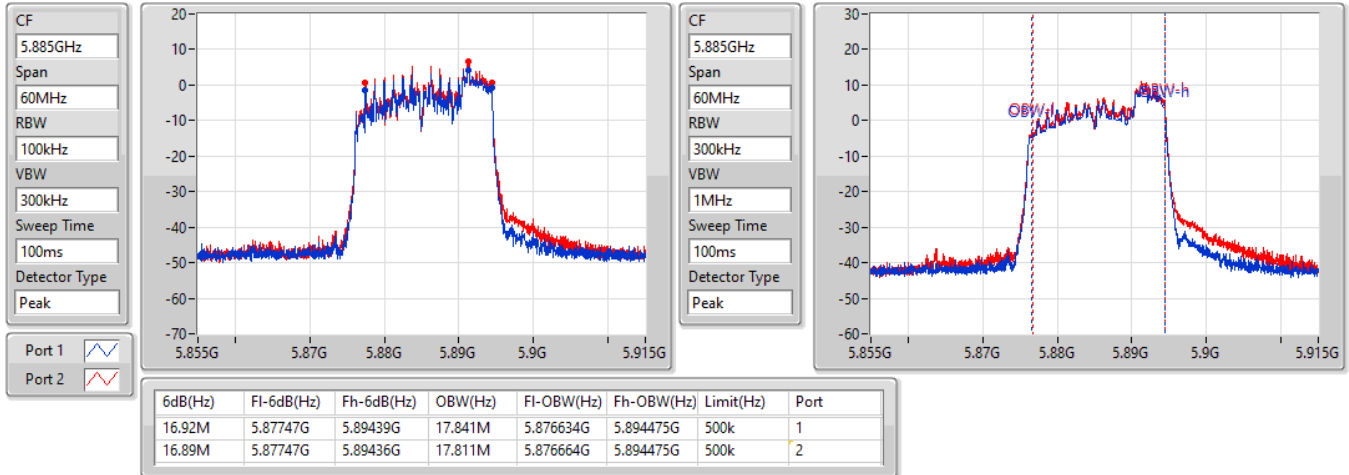


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5885MHz

02/06/2022

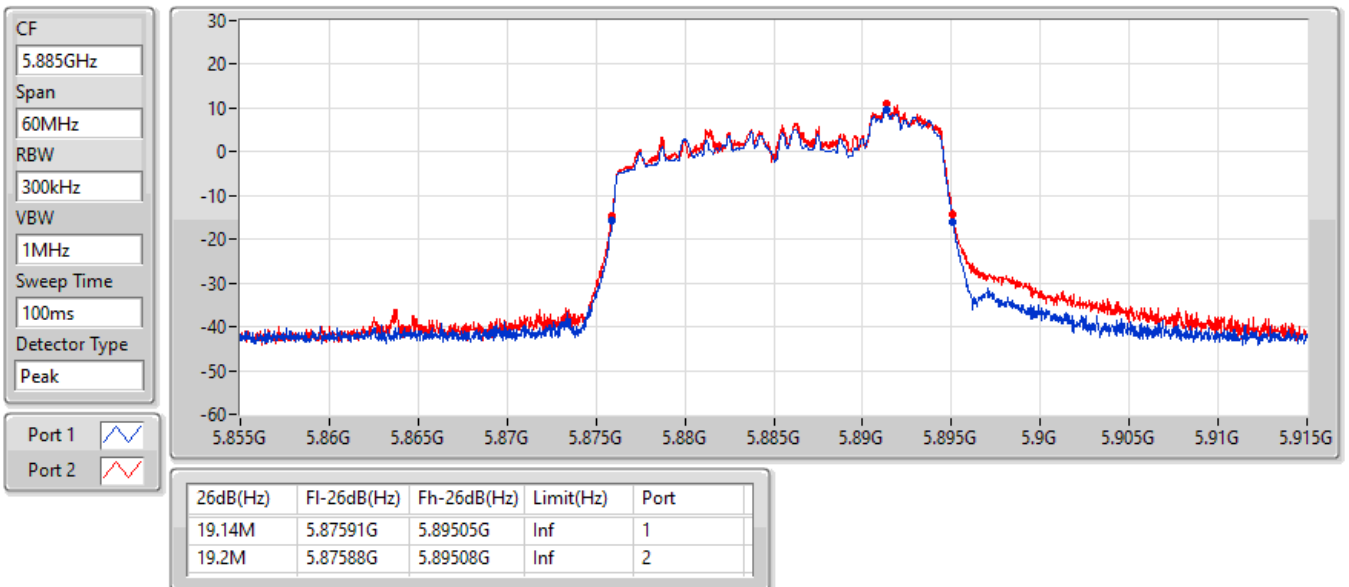


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5885MHz

02/06/2022





Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.725-5.895GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	16.92M	17.721M	17M7D1D	13.86M	17.661M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5845MHz	Pass	500k	16.92M	17.691M	15.63M	17.721M
5865MHz	Pass	500k	16.92M	17.661M	13.86M	17.691M
5885MHz	Pass	500k	16.92M	17.691M	15.66M	17.661M

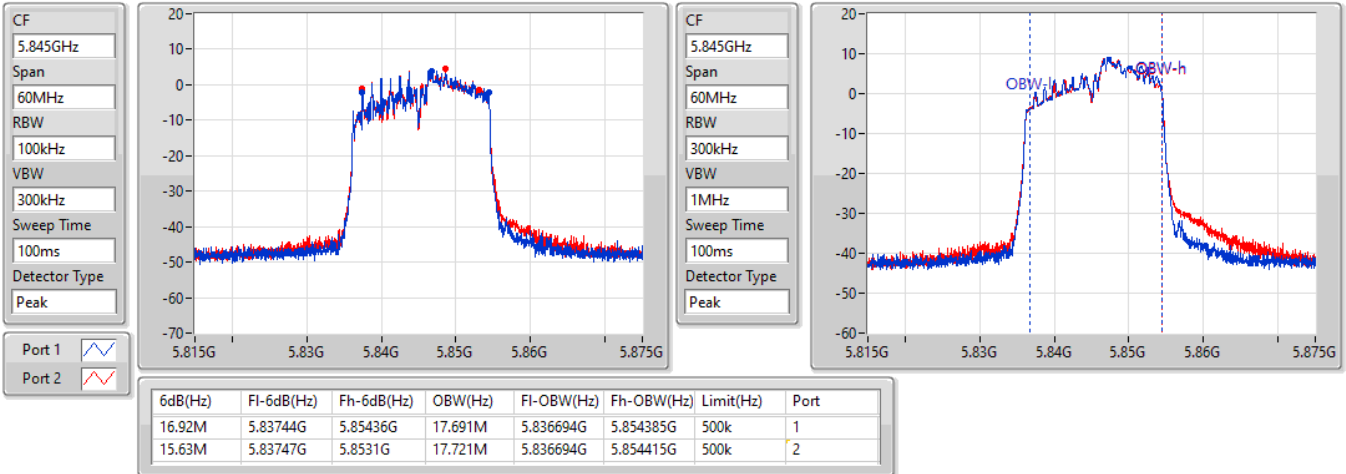
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5845MHz

02/06/2022

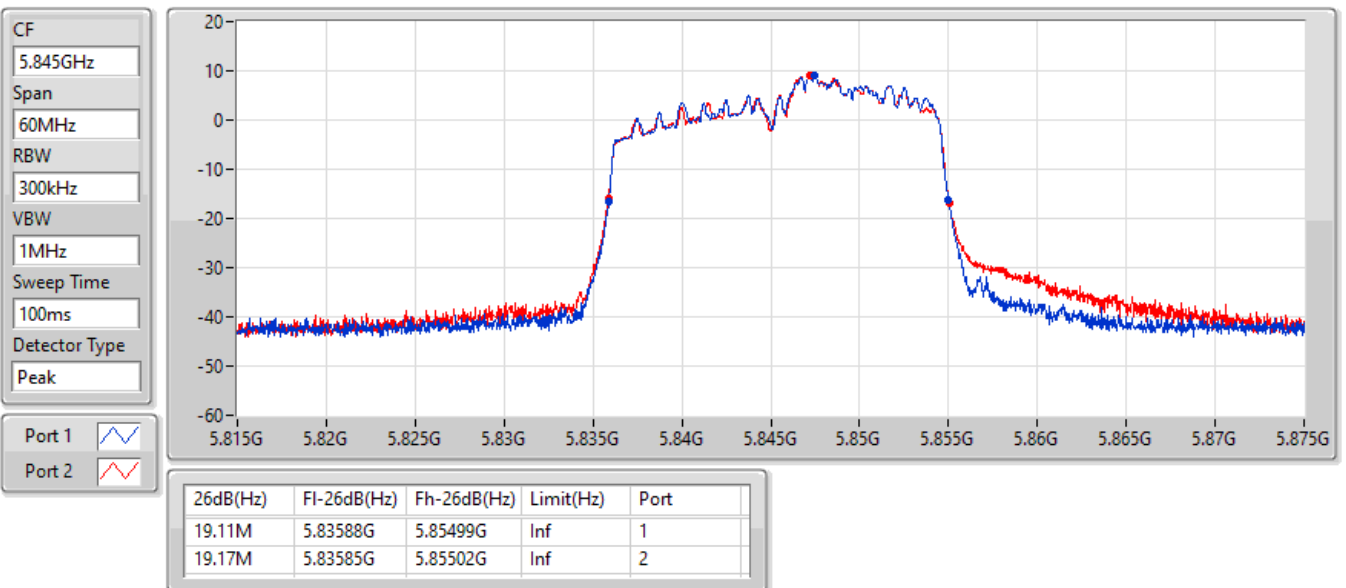


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5845MHz

02/06/2022

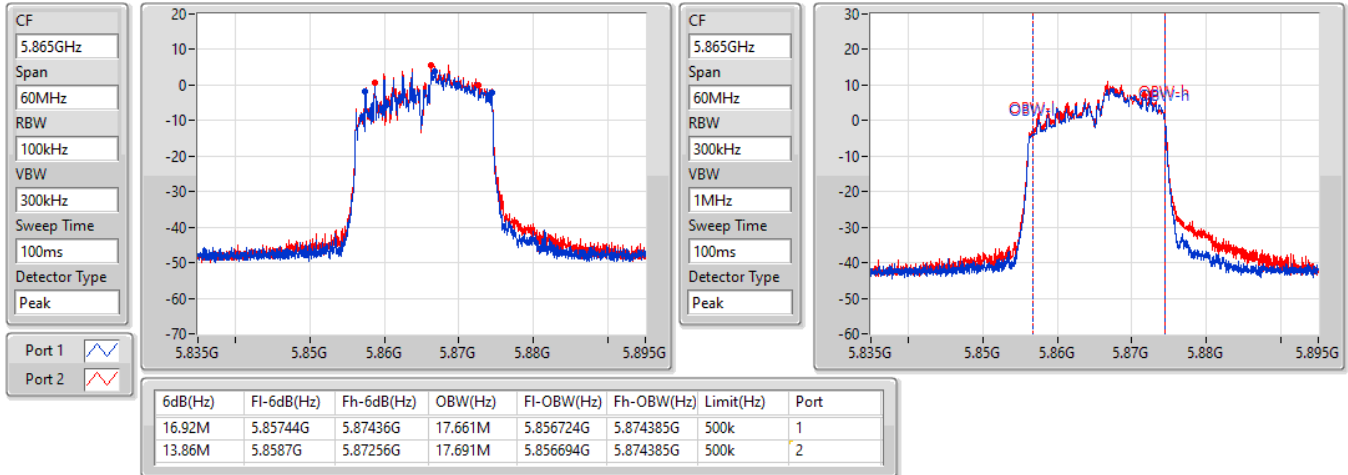


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5865MHz

02/06/2022

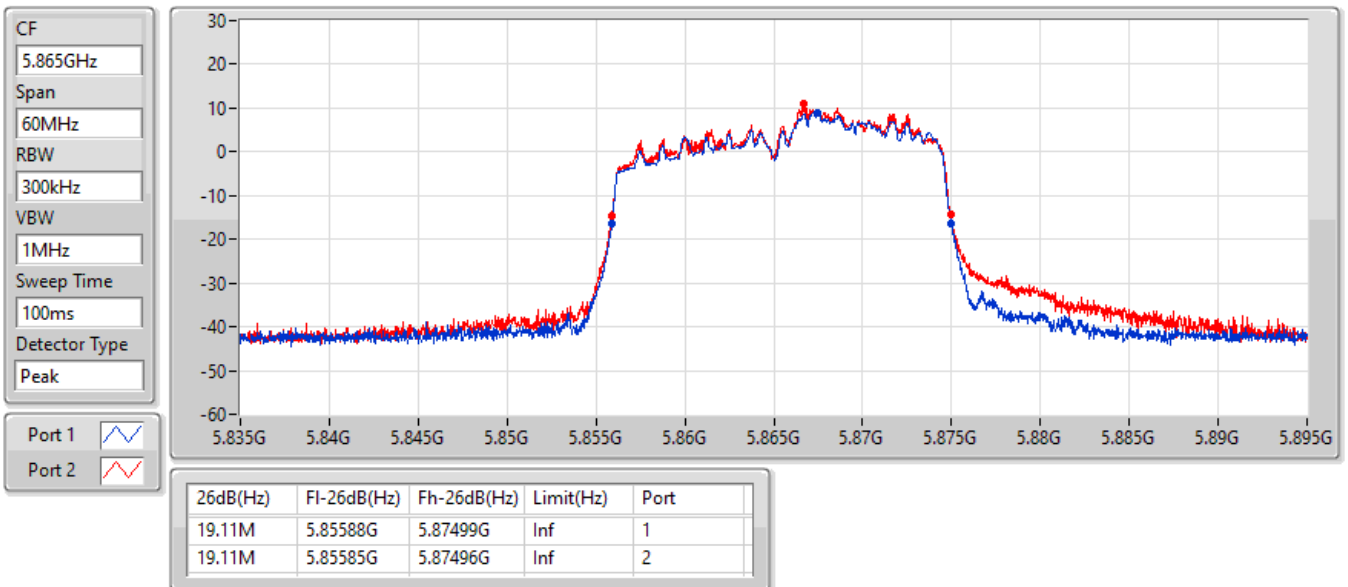


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5865MHz

02/06/2022

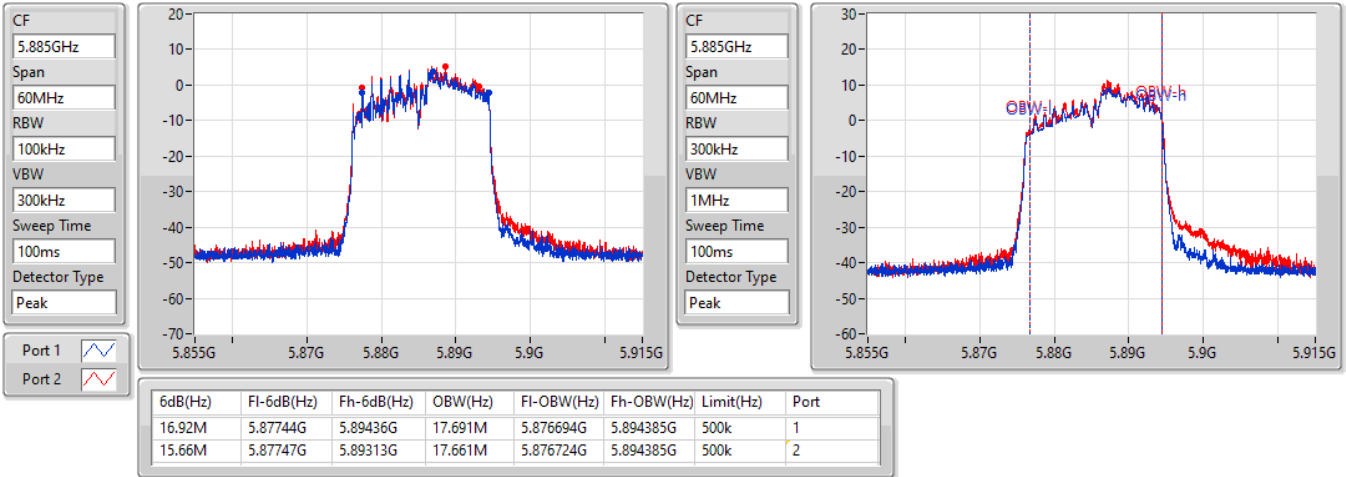


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5885MHz

02/06/2022

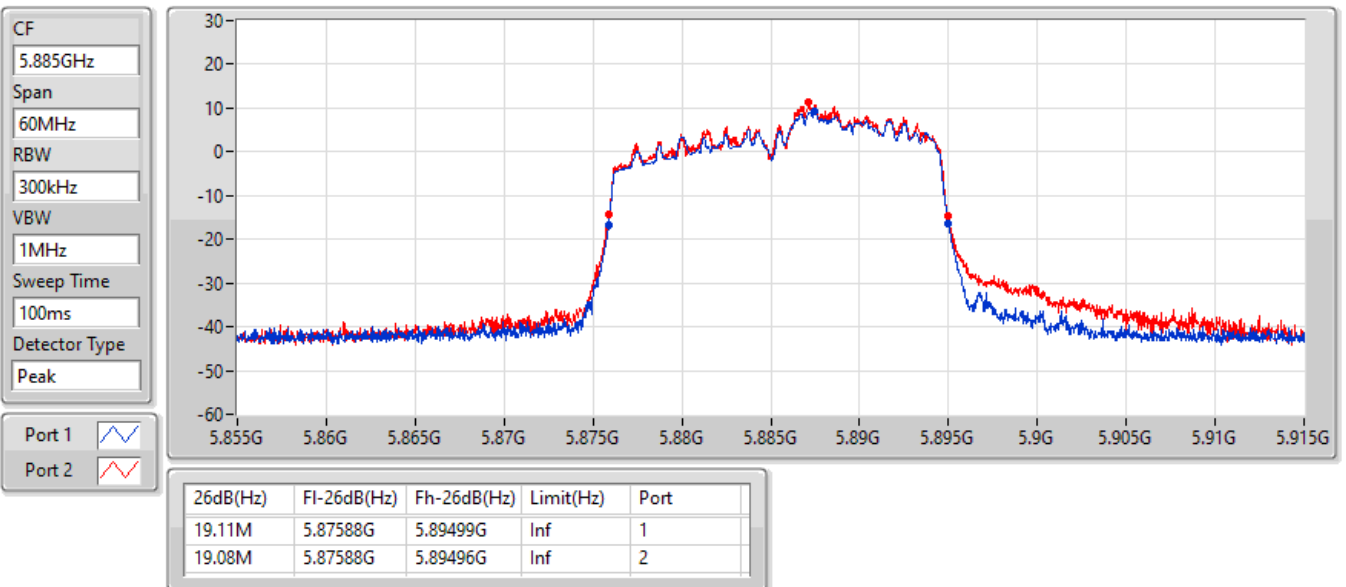


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5885MHz

02/06/2022





Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.725-5.895GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	14.49M	17.781M	17M8D1D	13.26M	17.541M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5845MHz	Pass	500k	14.46M	17.601M	14.46M	17.721M
5865MHz	Pass	500k	13.26M	17.571M	14.46M	17.661M
5885MHz	Pass	500k	14.46M	17.541M	14.49M	17.781M

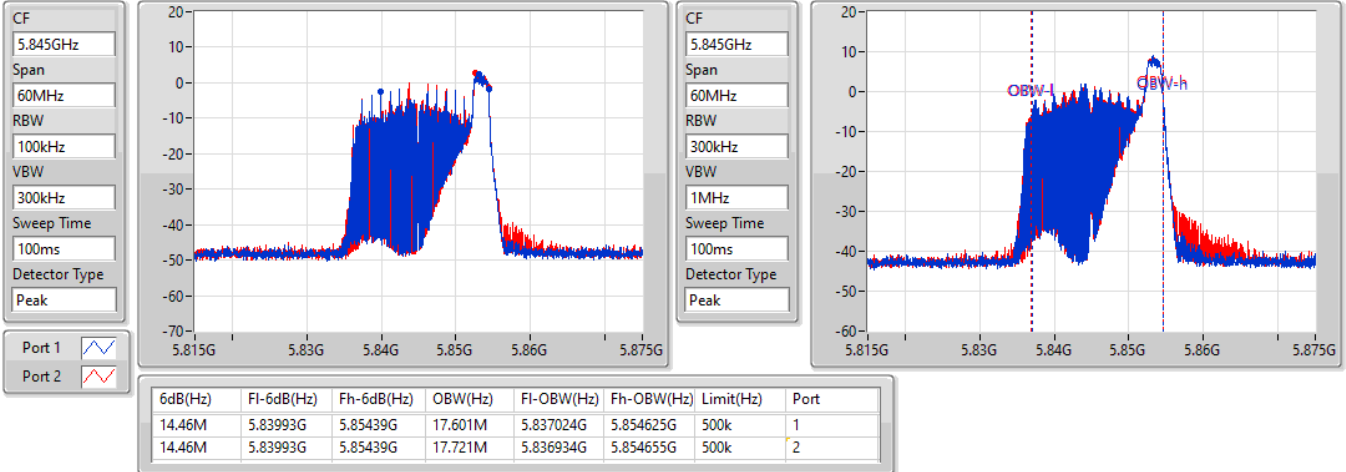
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5845MHz

25/05/2022

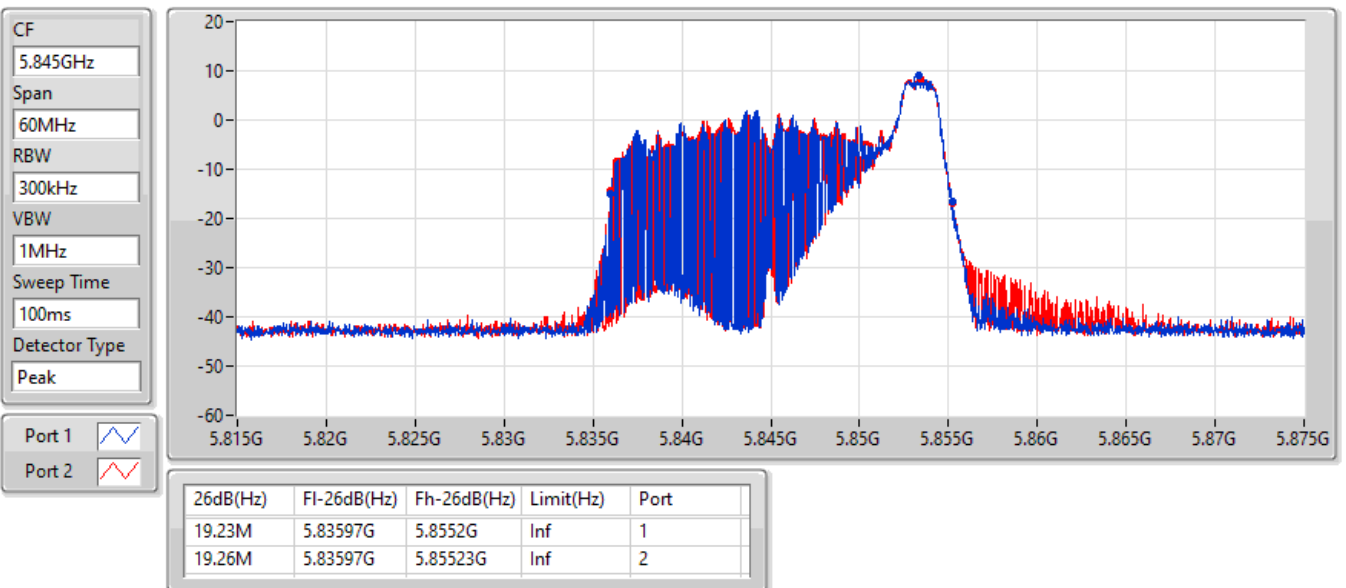


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5845MHz

25/05/2022

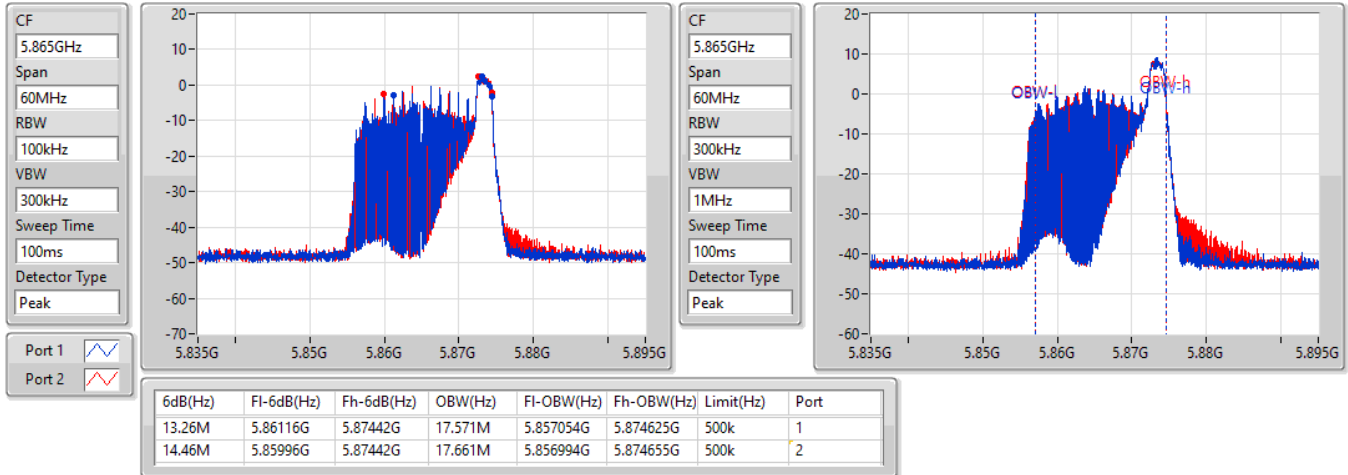


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5865MHz

25/05/2022

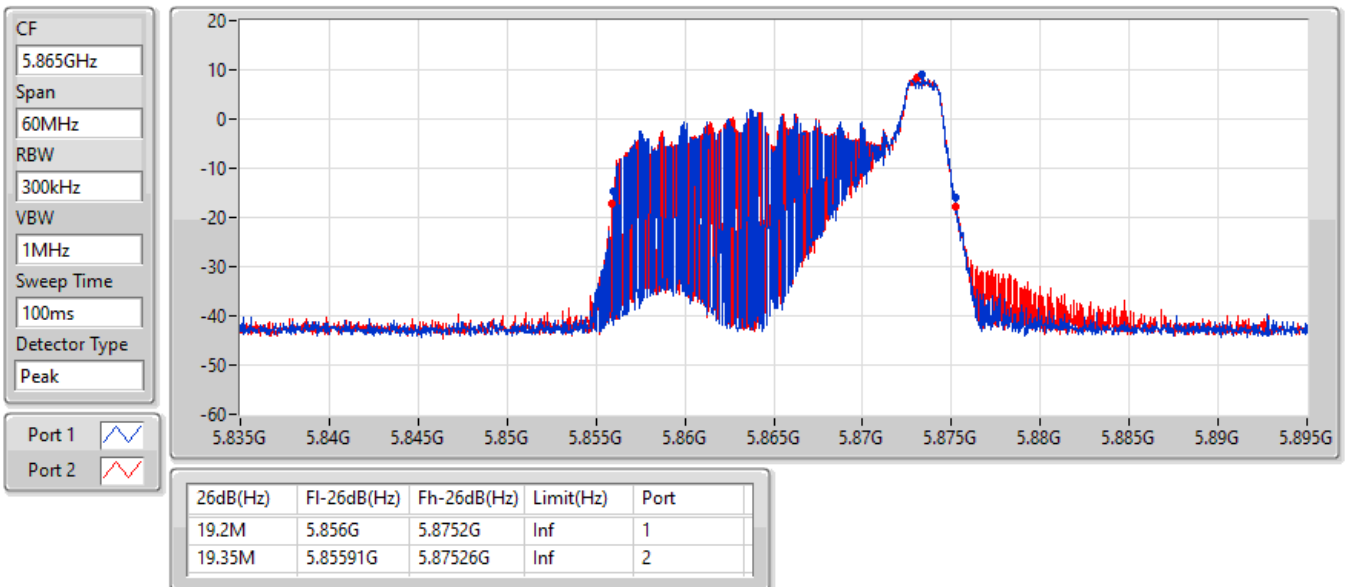


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5865MHz

25/05/2022

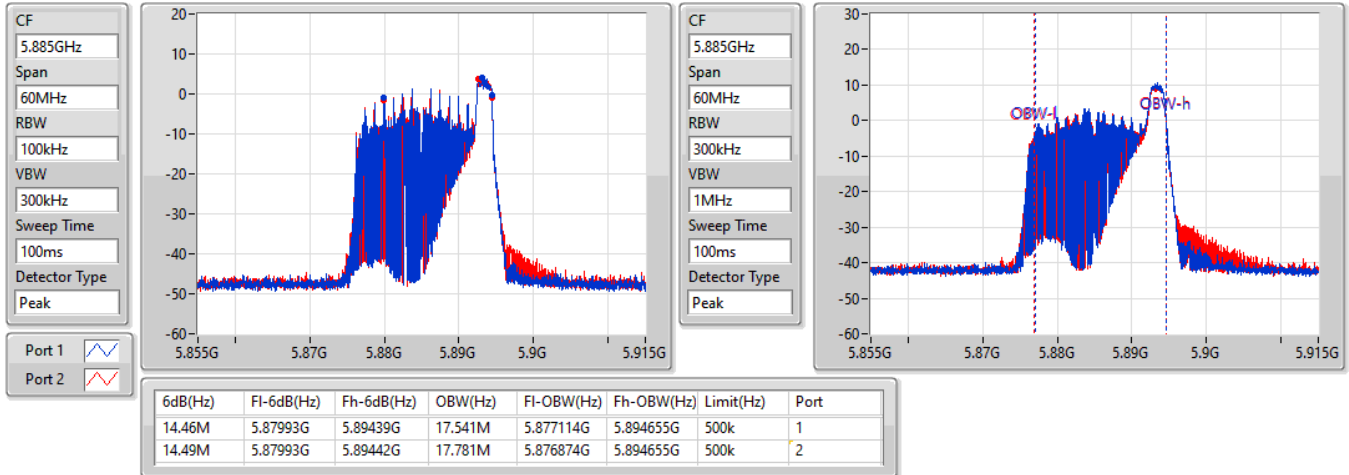


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5885MHz

03/06/2022

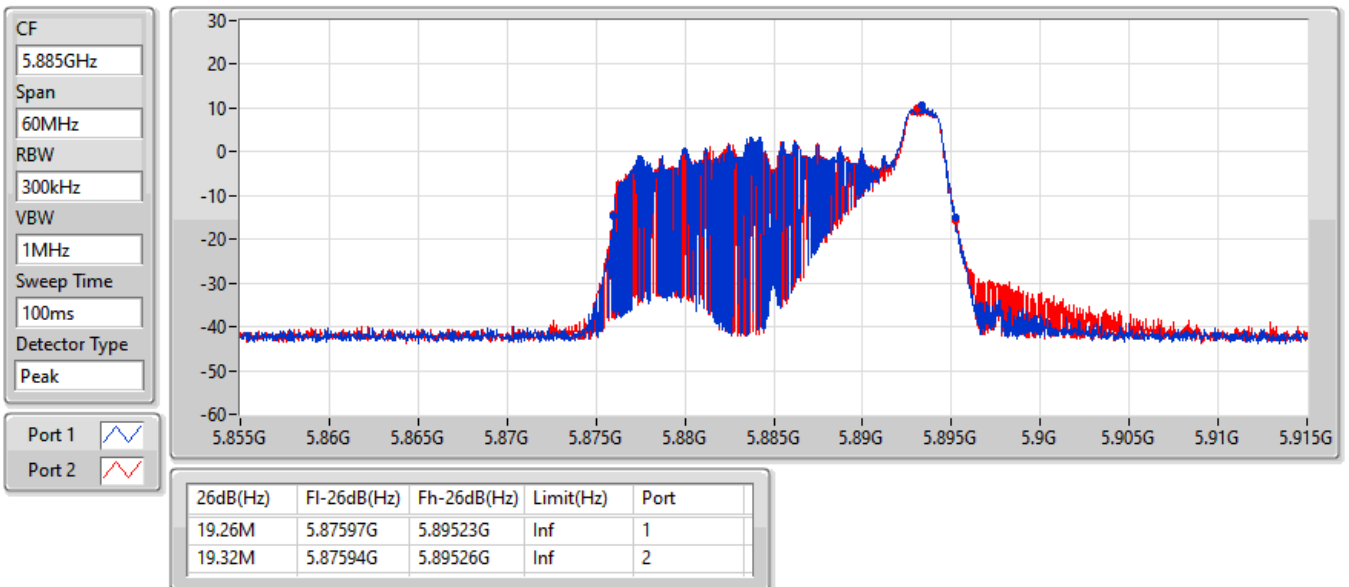


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5885MHz

03/06/2022





Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.725-5.895GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	16.92M	17.871M	17M9D1D	15.69M	17.811M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5845MHz	Pass	500k	16.92M	17.841M	15.69M	17.871M
5865MHz	Pass	500k	16.92M	17.811M	15.69M	17.841M
5885MHz	Pass	500k	16.92M	17.841M	15.69M	17.841M

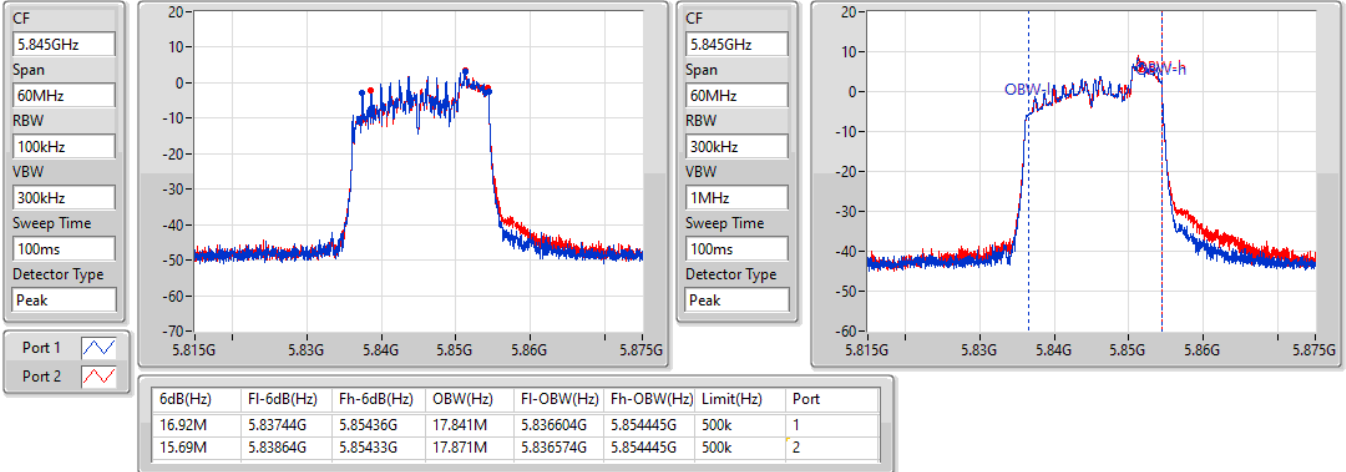
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5845MHz

25/05/2022

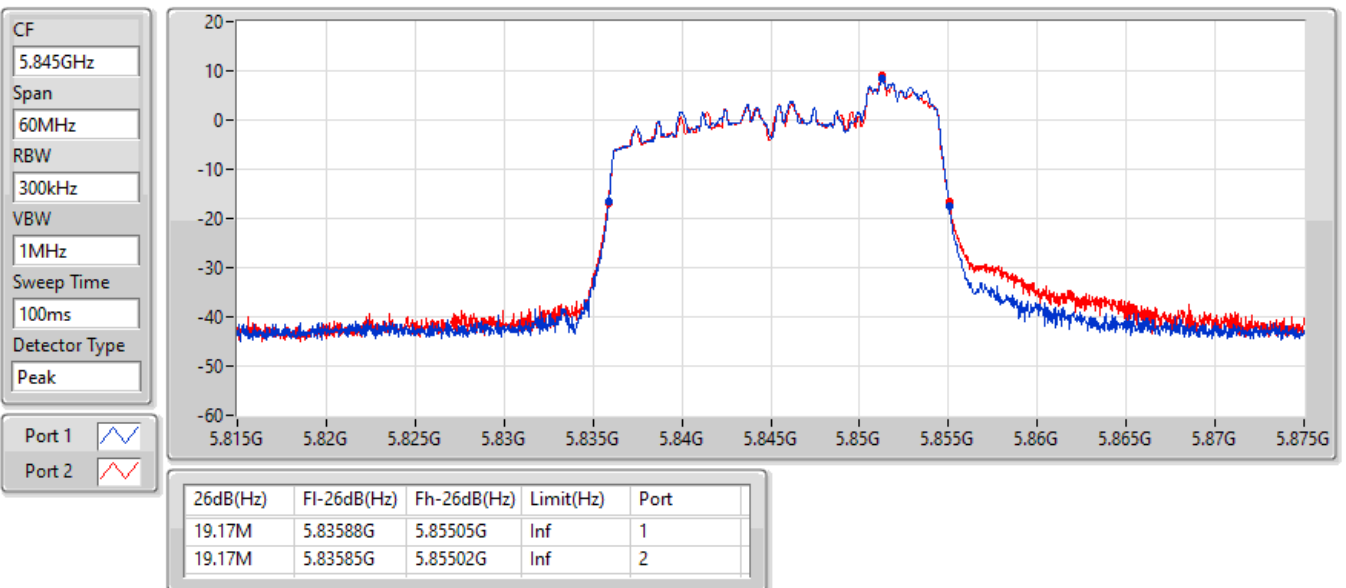


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5845MHz

25/05/2022

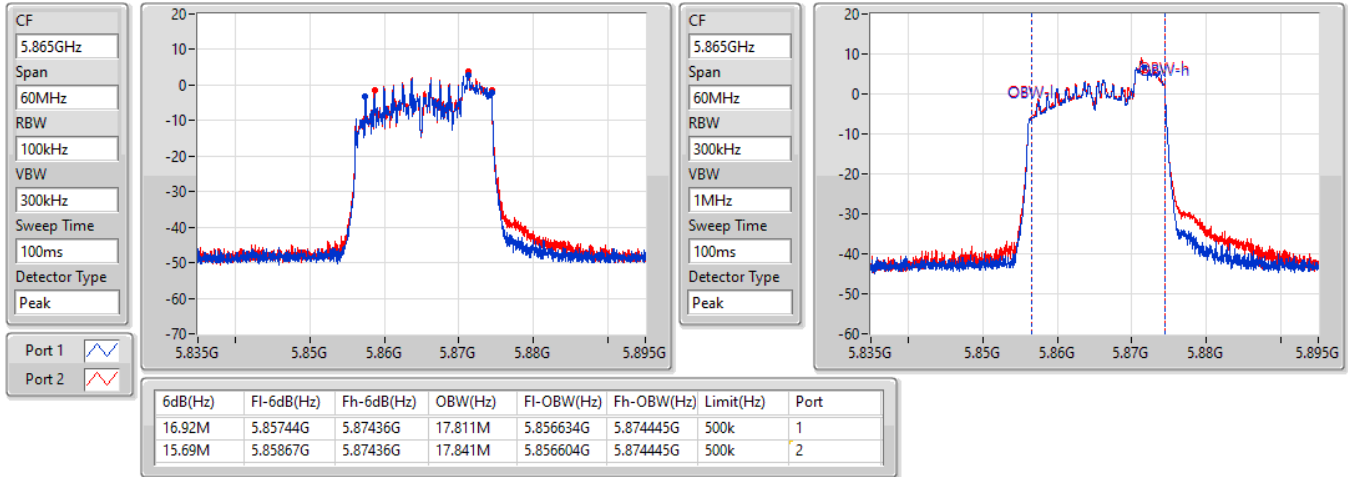


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5865MHz

25/05/2022

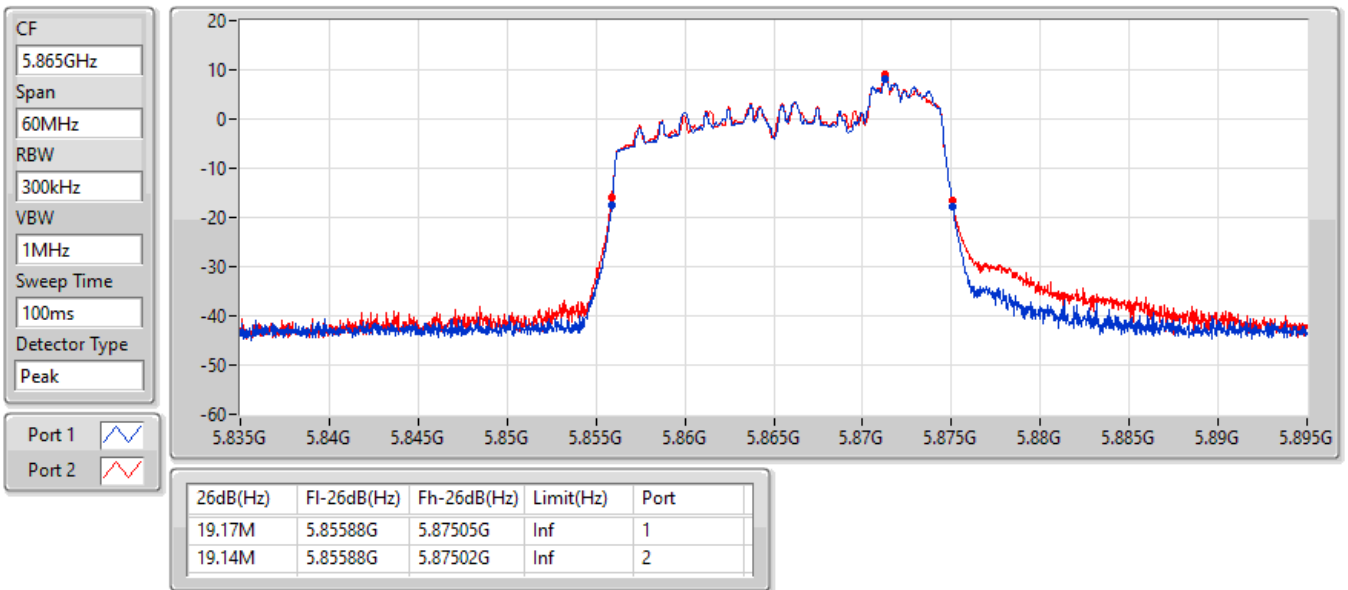


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5865MHz

25/05/2022

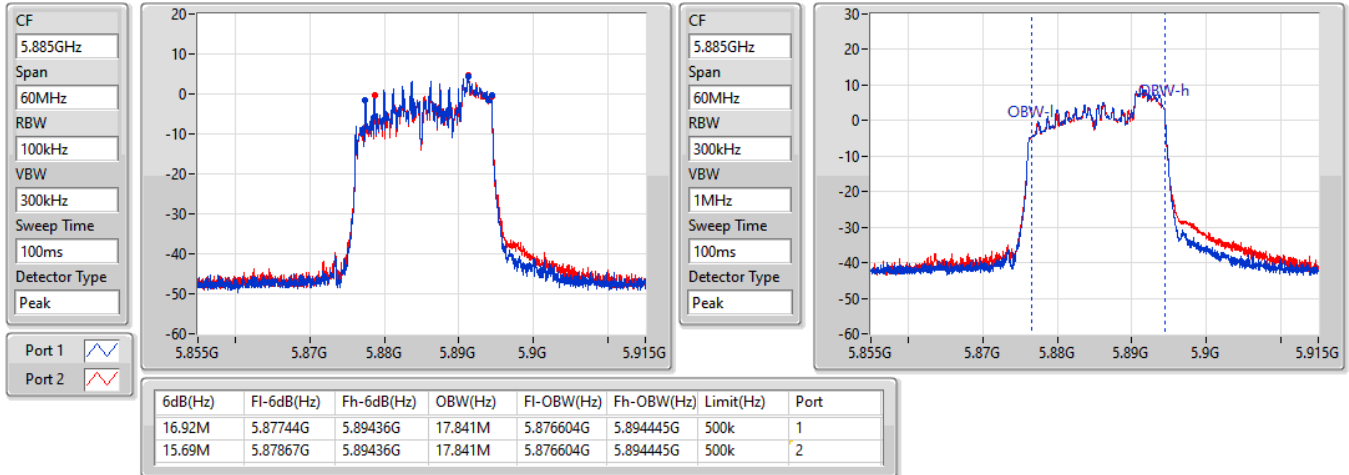


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5885MHz

03/06/2022

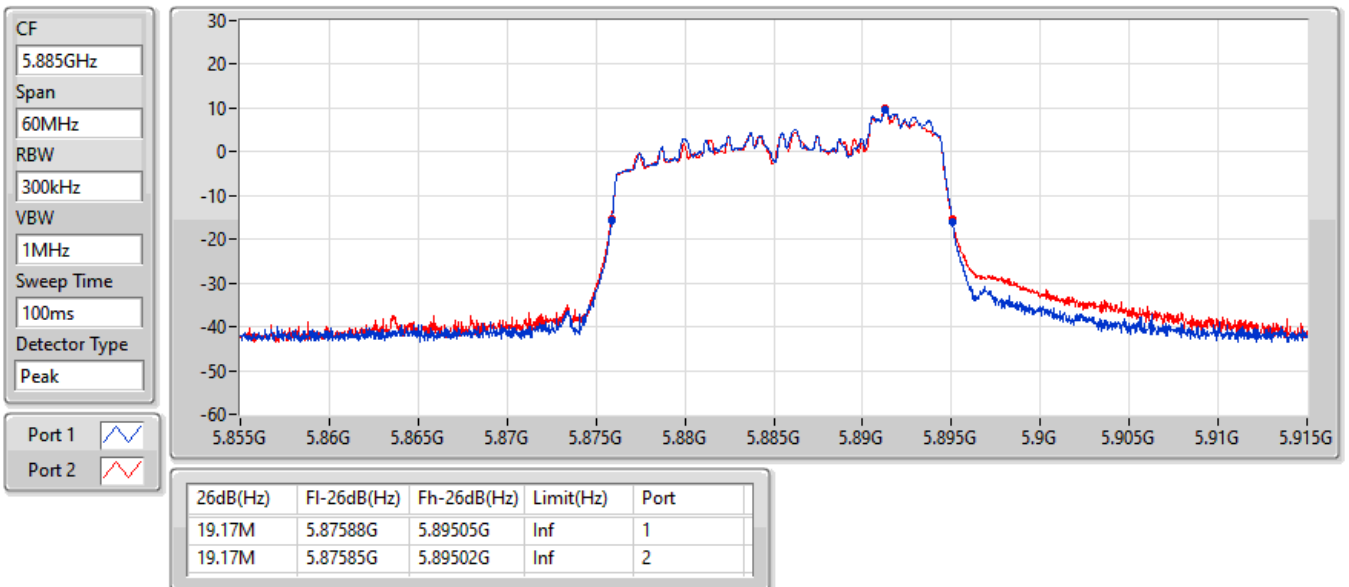


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5885MHz

03/06/2022





Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.725-5.895GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	16.92M	17.721M	17M7D1D	15.15M	17.691M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5845MHz	Pass	500k	16.89M	17.691M	15.66M	17.721M
5865MHz	Pass	500k	16.92M	17.691M	15.15M	17.721M
5885MHz	Pass	500k	16.92M	17.691M	15.15M	17.721M

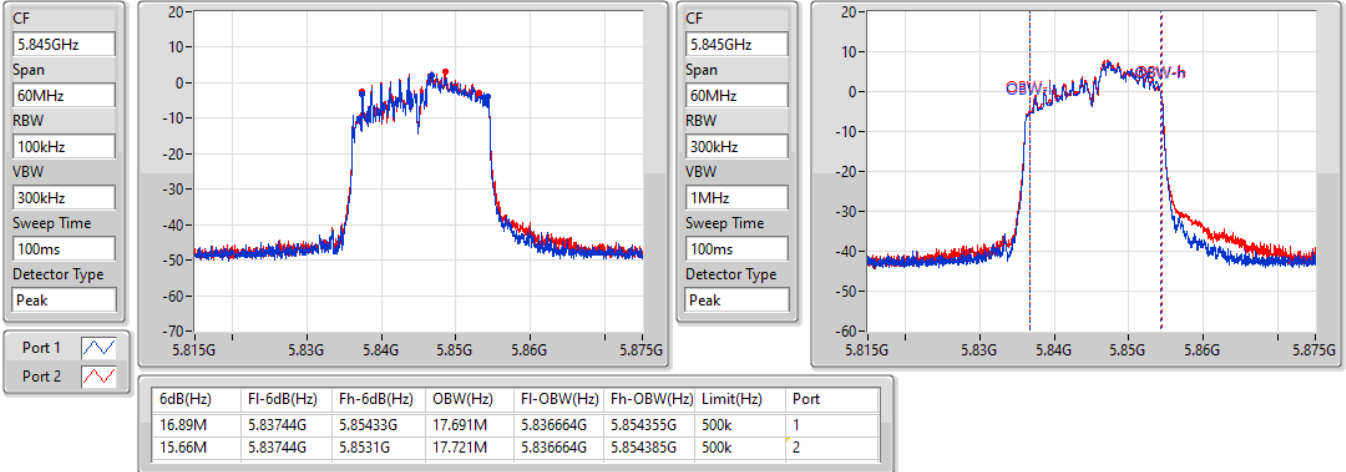
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5845MHz

25/05/2022

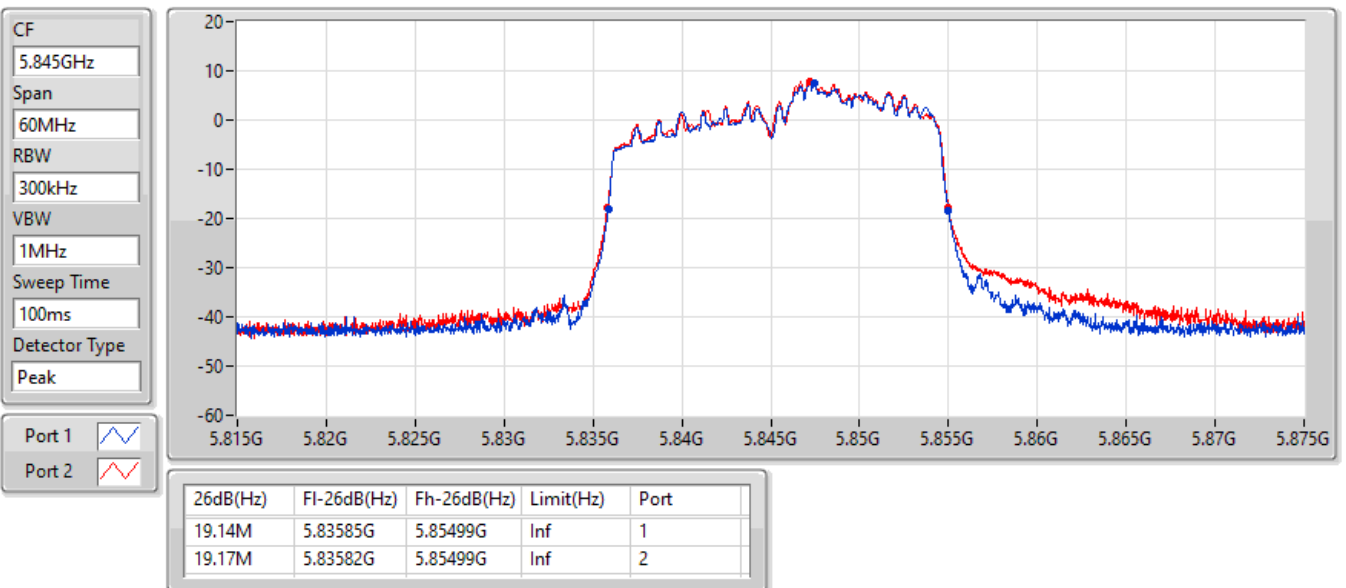


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5845MHz

25/05/2022

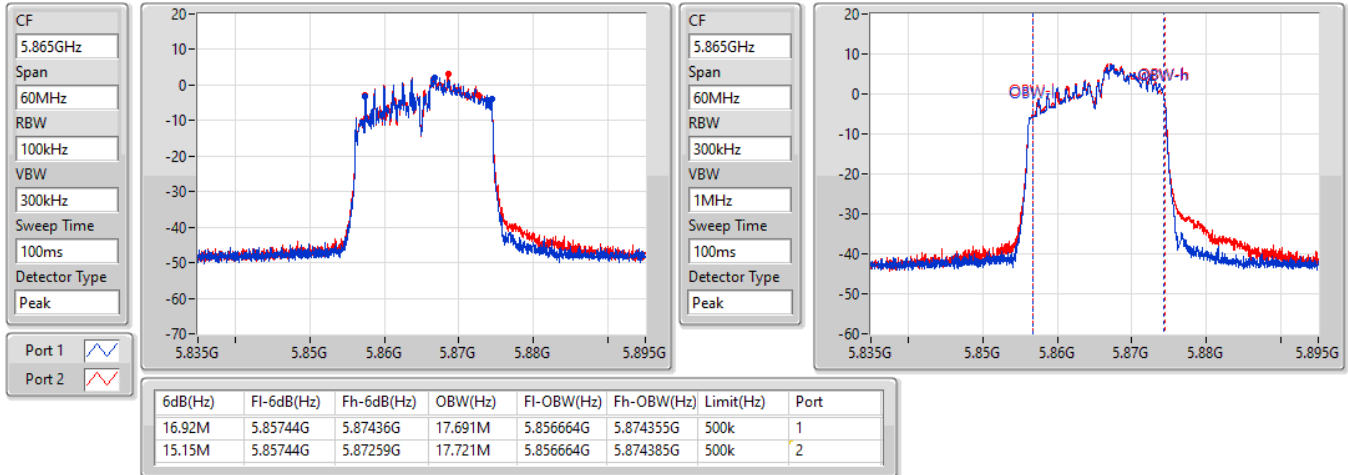


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5865MHz

25/05/2022

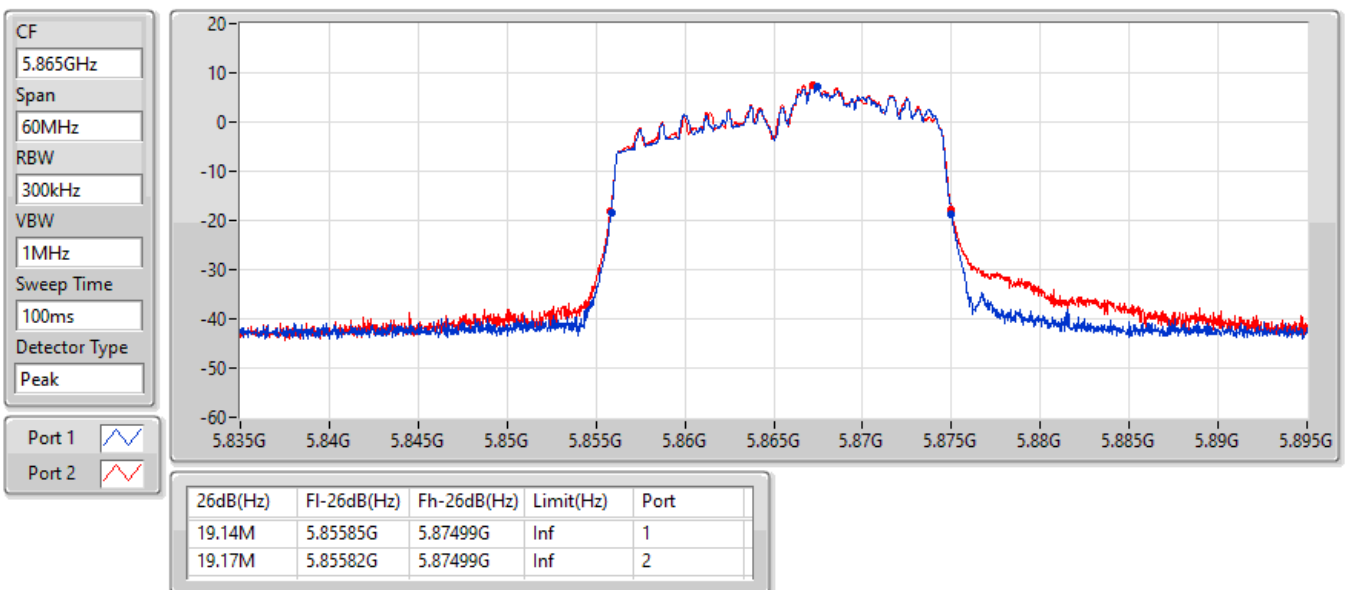


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5865MHz

25/05/2022

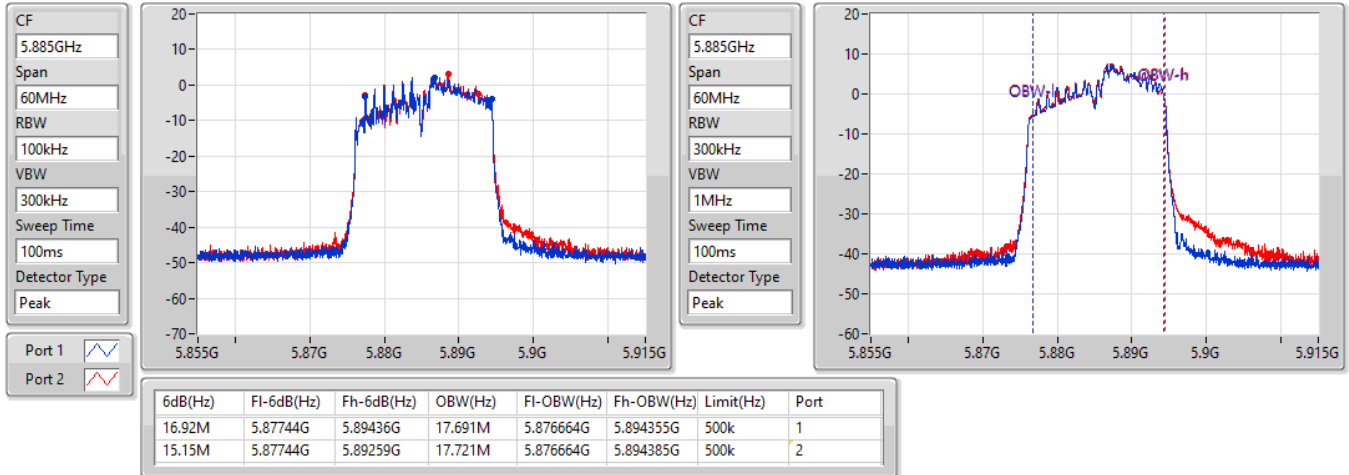


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5885MHz

25/05/2022

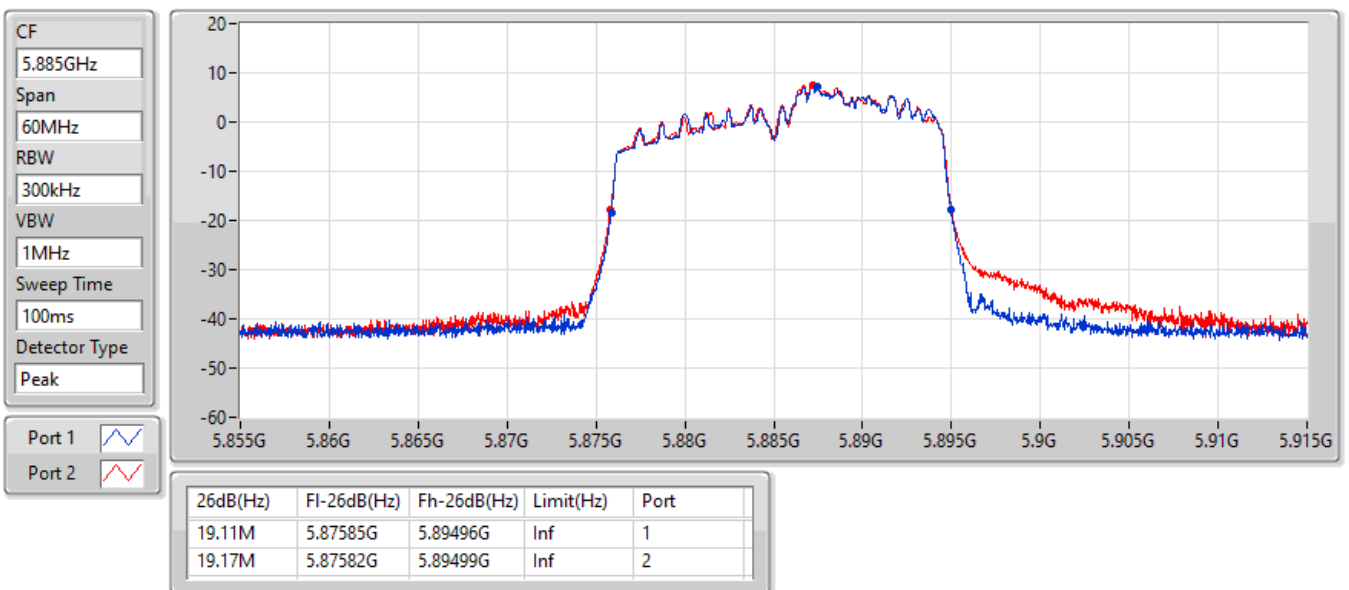


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5885MHz

25/05/2022





Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.725-5.895GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	15.75M	17.721M	17M7D1D	13.23M	17.331M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5845MHz	Pass	500k	14.46M	17.601M	14.46M	17.721M
5865MHz	Pass	500k	13.26M	17.571M	14.46M	17.661M
5885MHz	Pass	500k	13.23M	17.331M	15.75M	17.721M

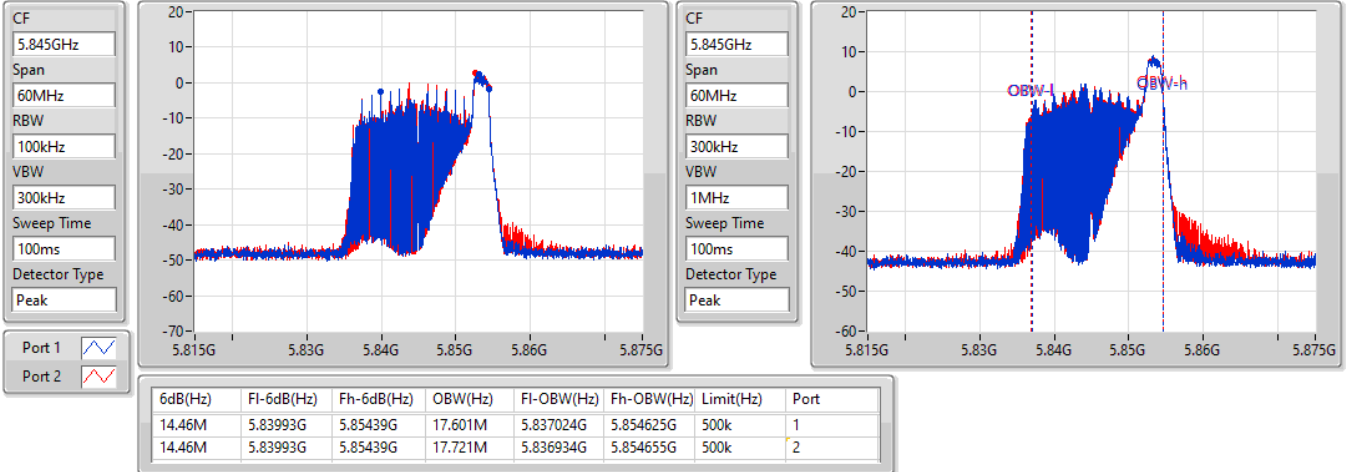
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5845MHz

25/05/2022

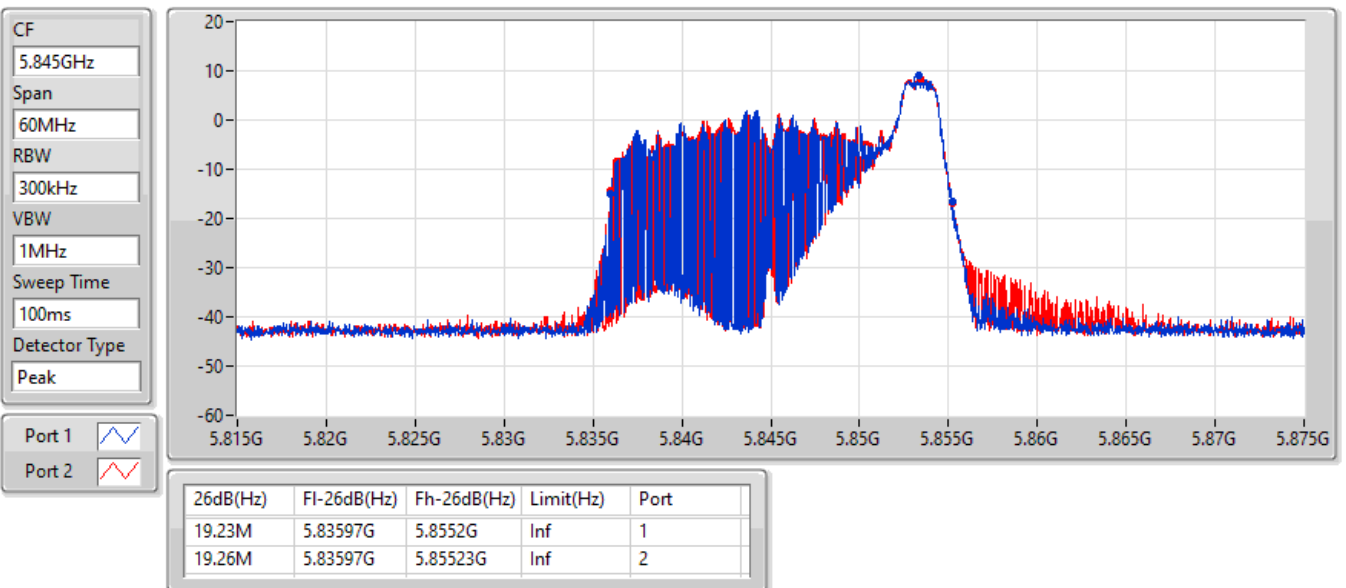


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5845MHz

25/05/2022

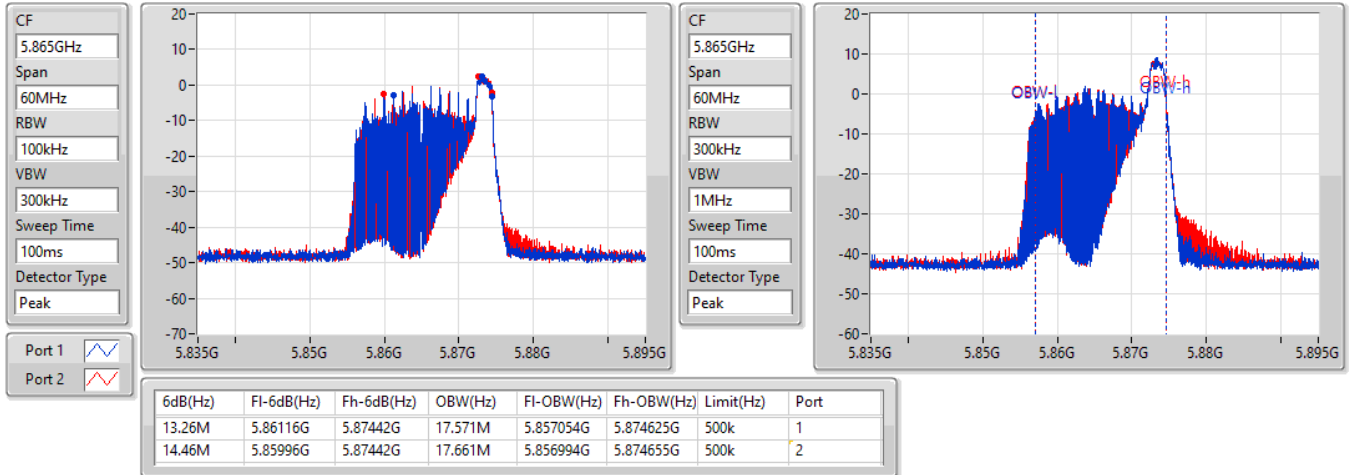


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5865MHz

25/05/2022

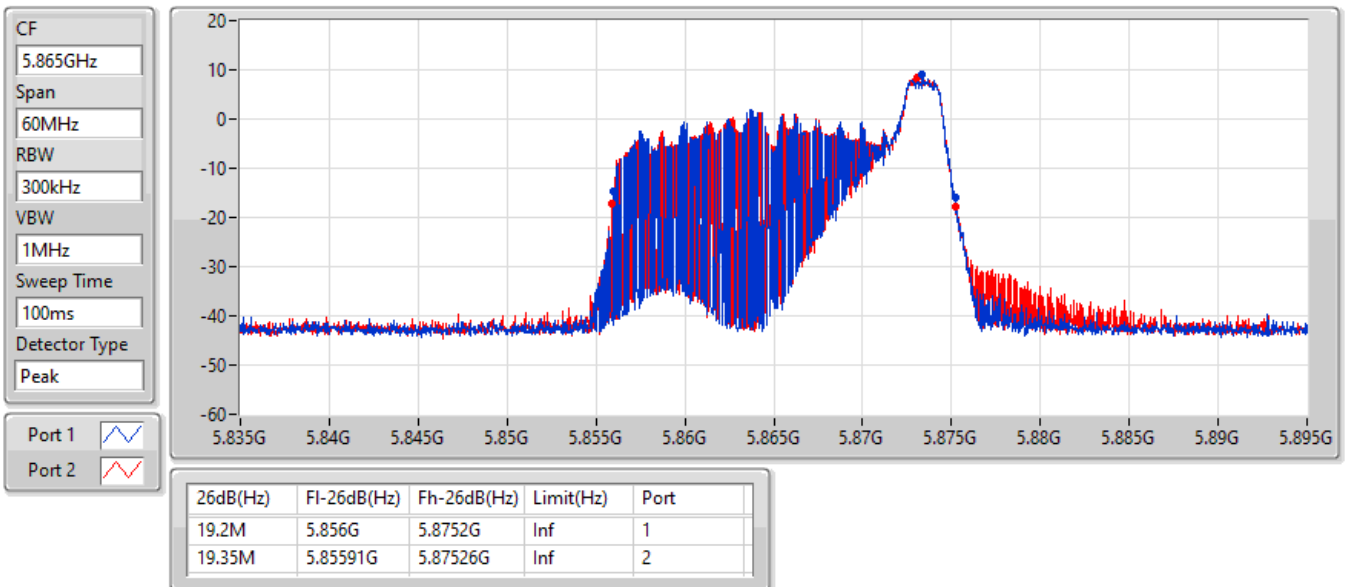


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5865MHz

25/05/2022

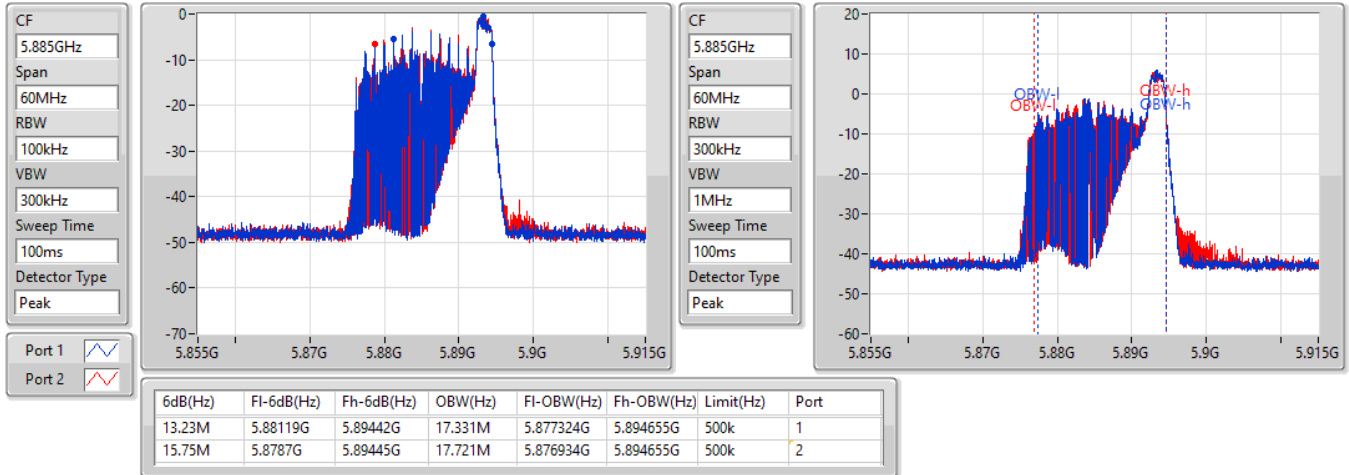


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5885MHz

25/05/2022

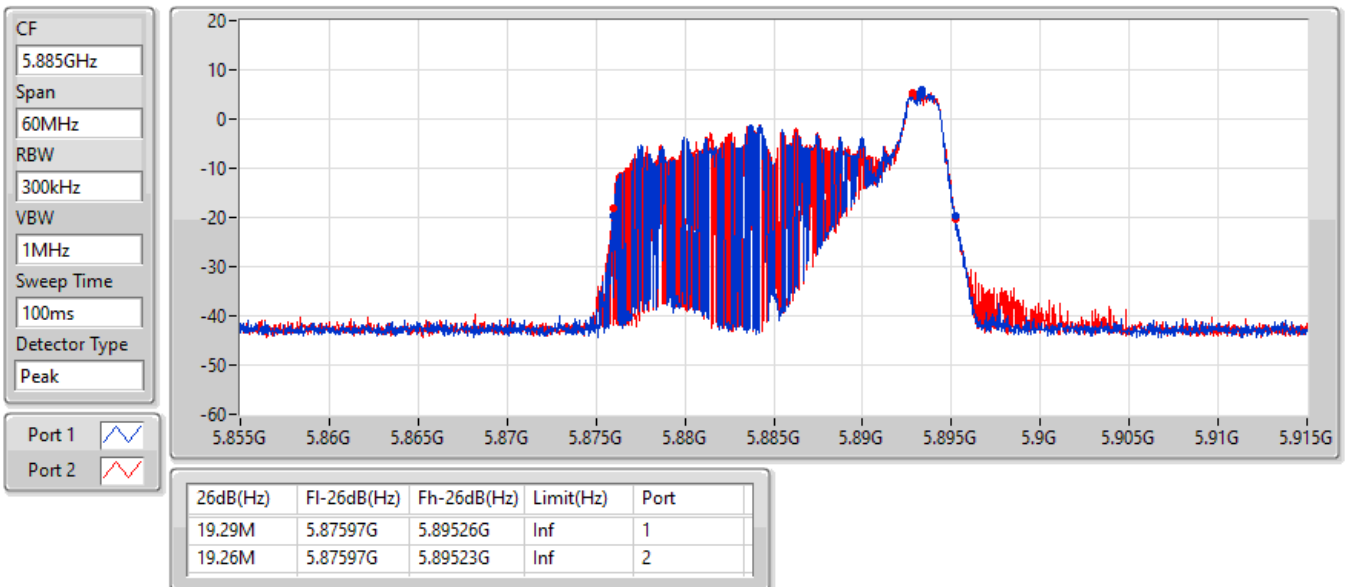


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5885MHz

25/05/2022





Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.725-5.895GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	16.92M	17.871M	17M9D1D	15.69M	17.811M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5845MHz	Pass	500k	16.92M	17.841M	15.69M	17.871M
5865MHz	Pass	500k	16.92M	17.811M	15.69M	17.841M
5885MHz	Pass	500k	16.92M	17.841M	15.72M	17.871M

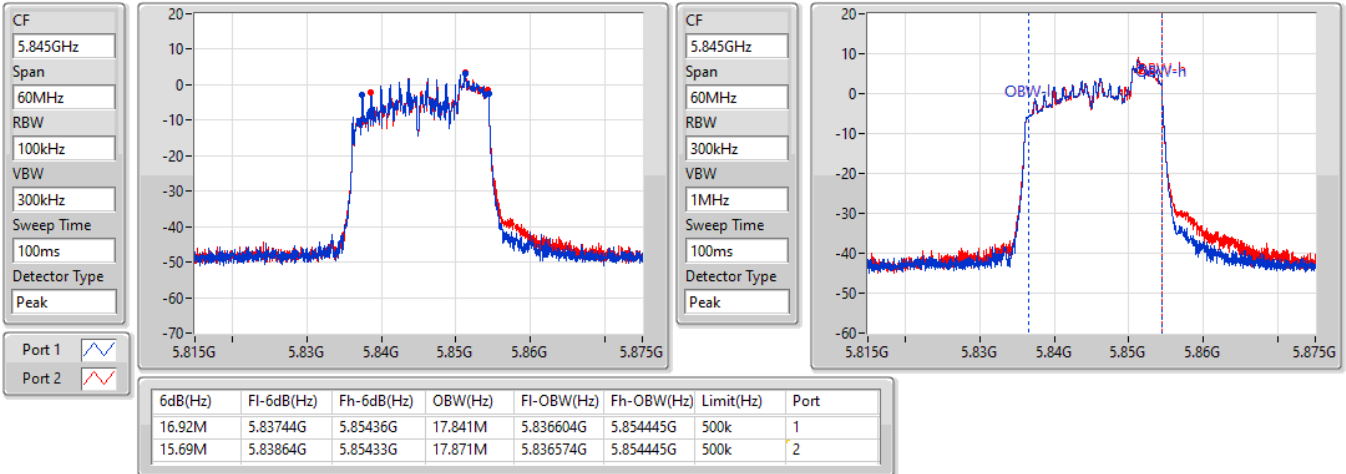
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5845MHz

25/05/2022

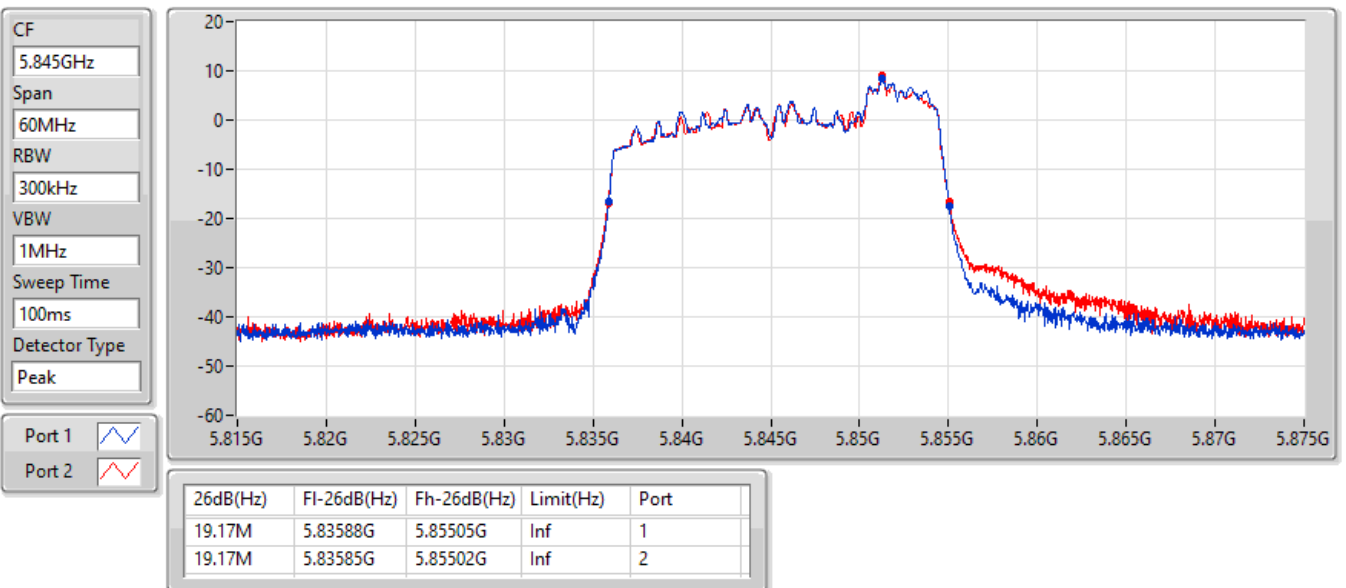


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5845MHz

25/05/2022

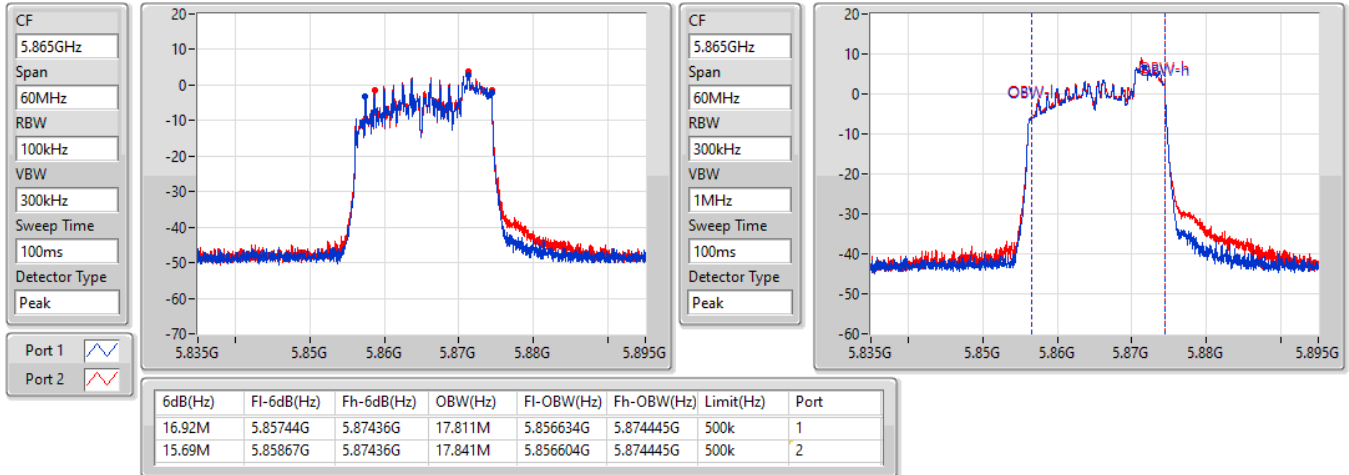


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5865MHz

25/05/2022

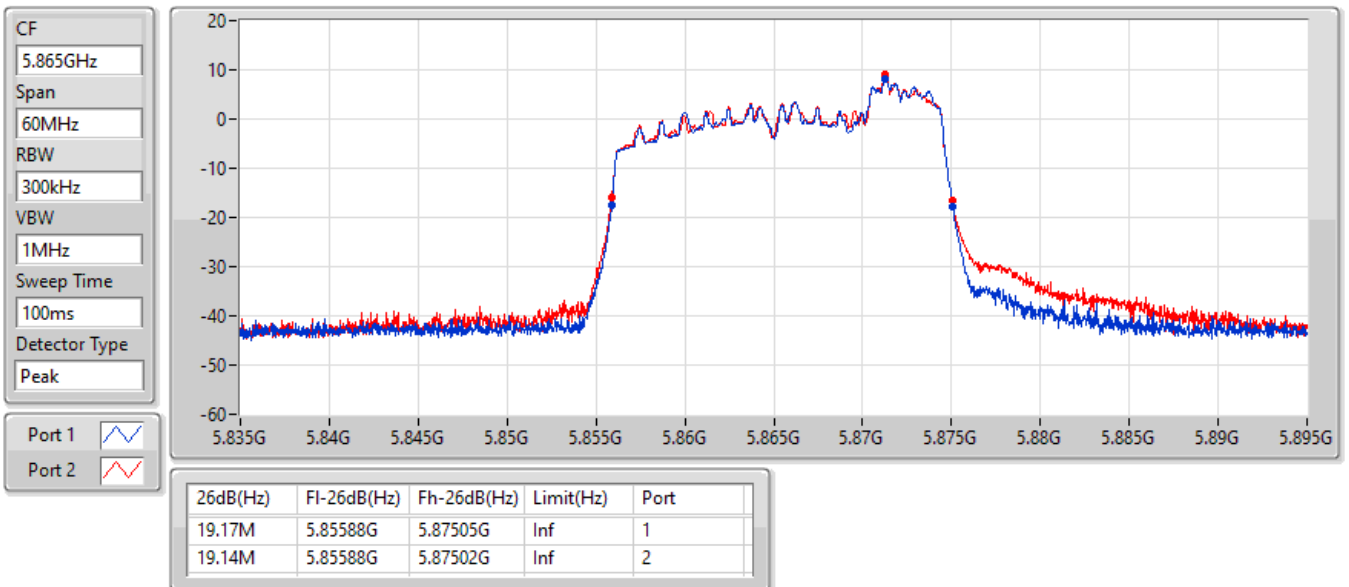


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5865MHz

25/05/2022

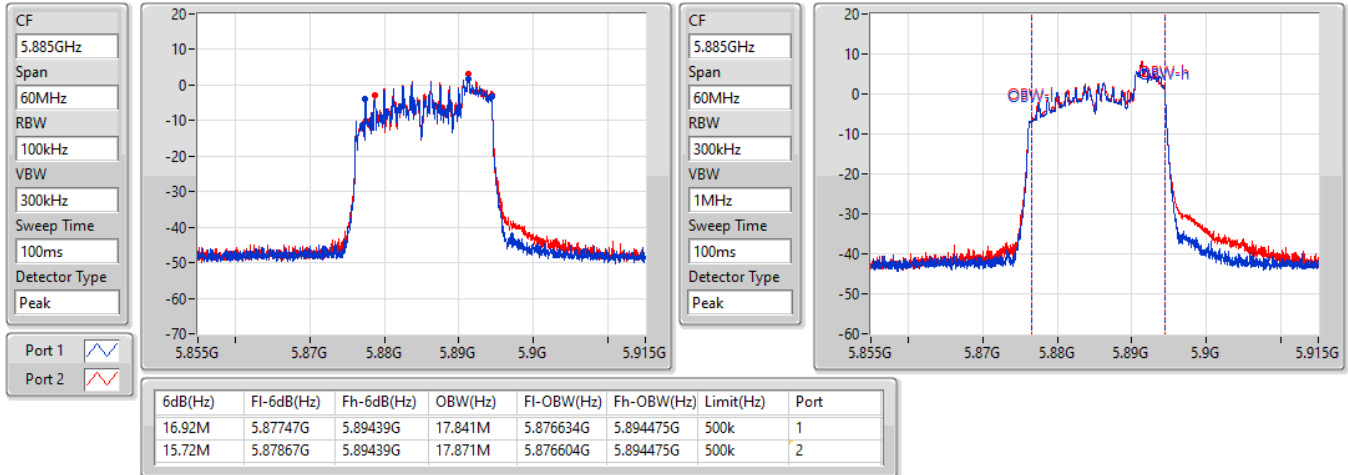


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5885MHz

25/05/2022

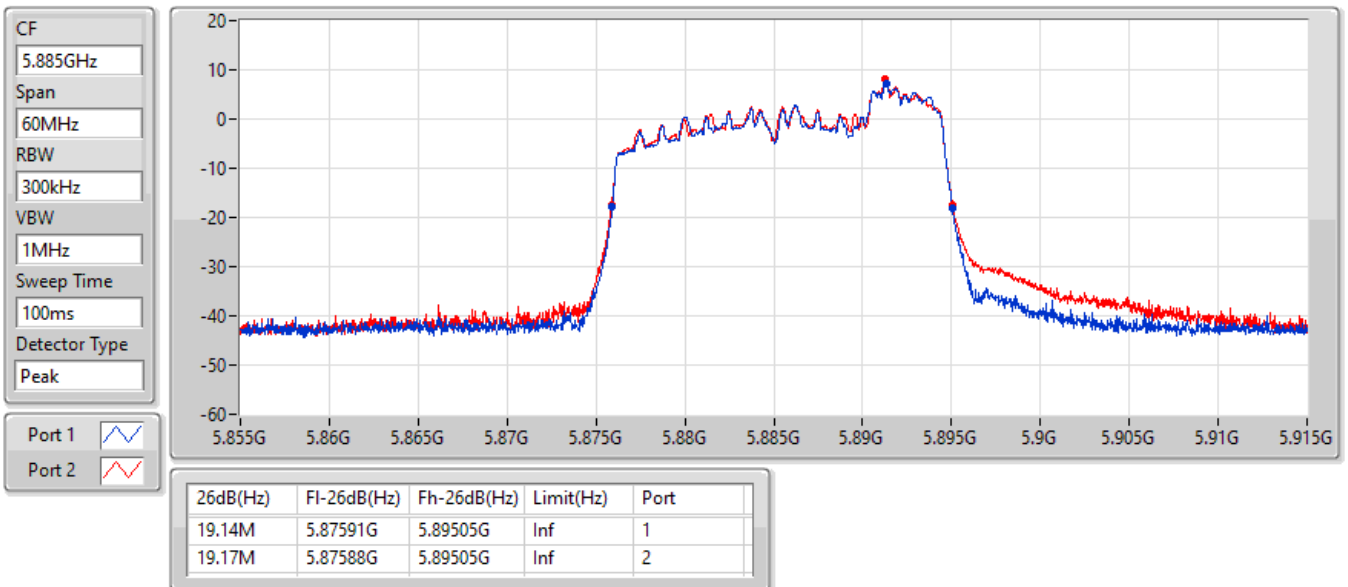


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5885MHz

25/05/2022





Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.725-5.895GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	16.92M	17.721M	17M7D1D	15.15M	17.691M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5845MHz	Pass	500k	16.89M	17.691M	15.66M	17.721M
5865MHz	Pass	500k	16.92M	17.691M	15.15M	17.721M
5885MHz	Pass	500k	16.92M	17.691M	15.15M	17.721M

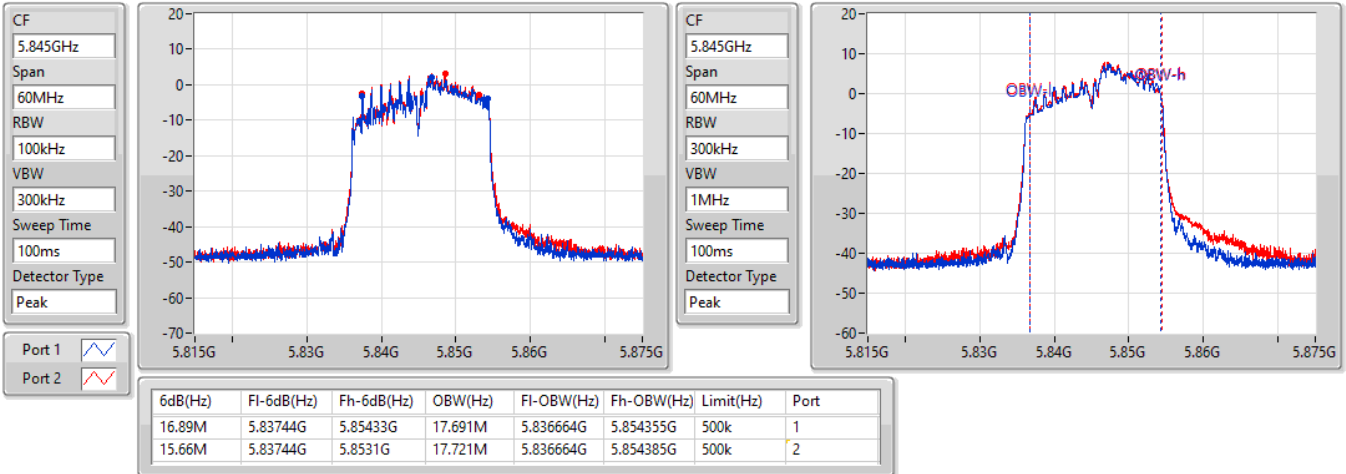
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5845MHz

25/05/2022

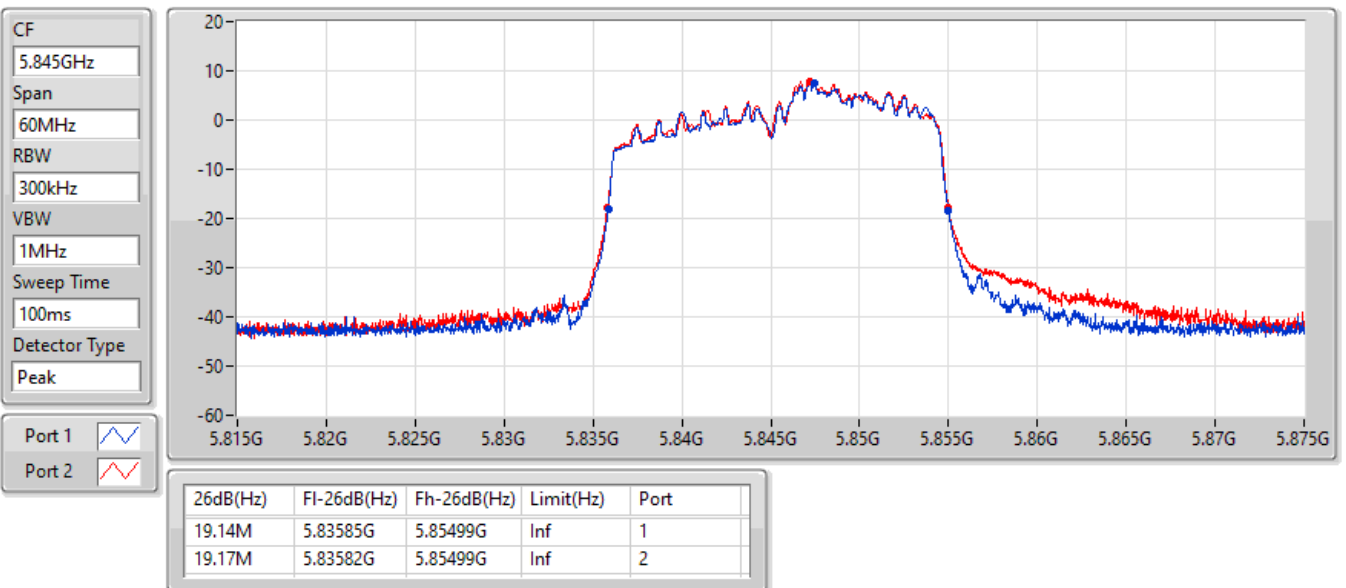


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5845MHz

25/05/2022

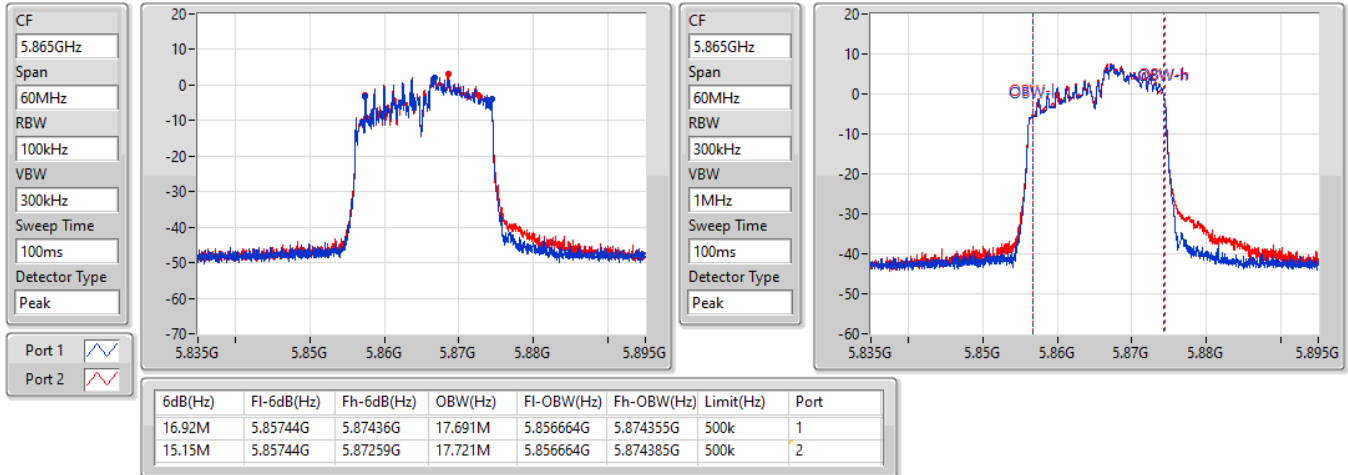


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5865MHz

25/05/2022

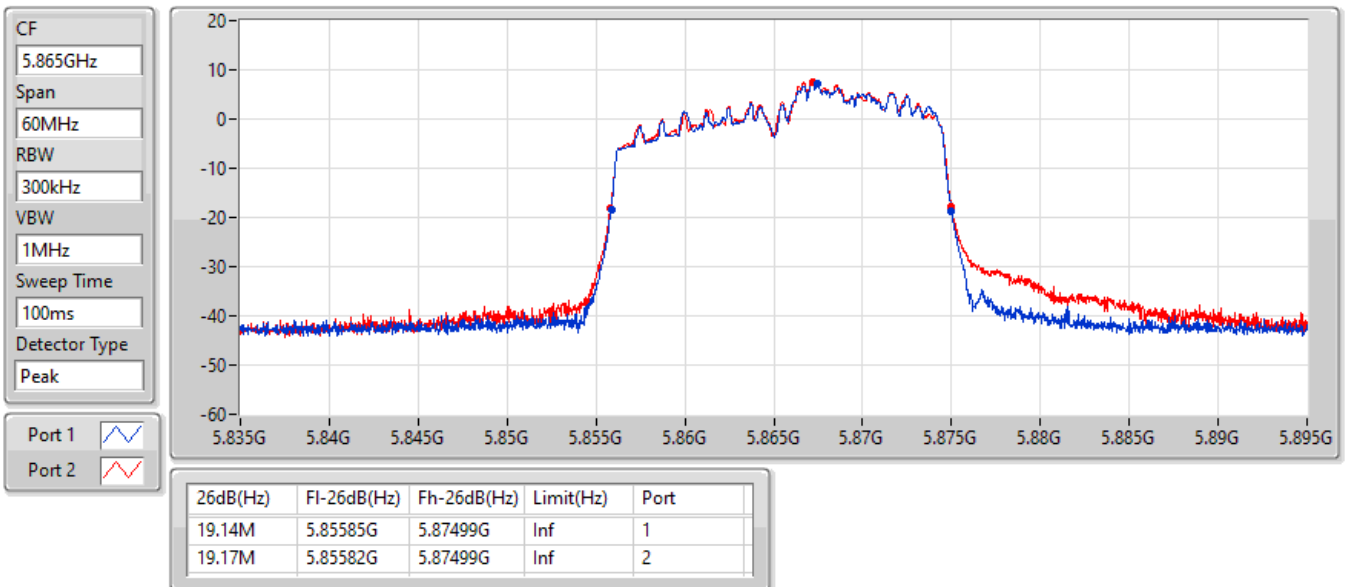


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5865MHz

25/05/2022

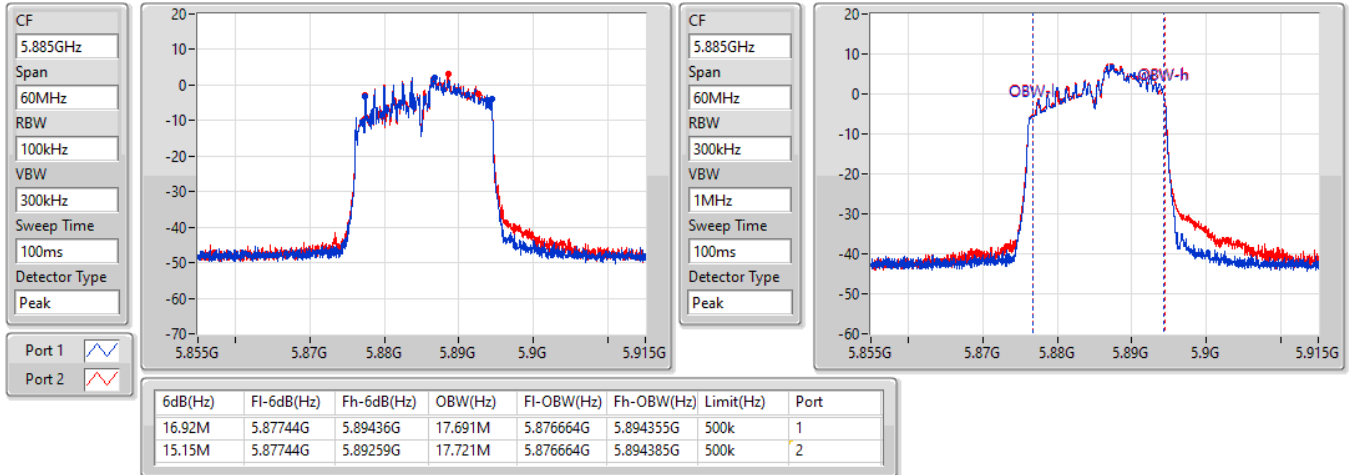


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5885MHz

25/05/2022

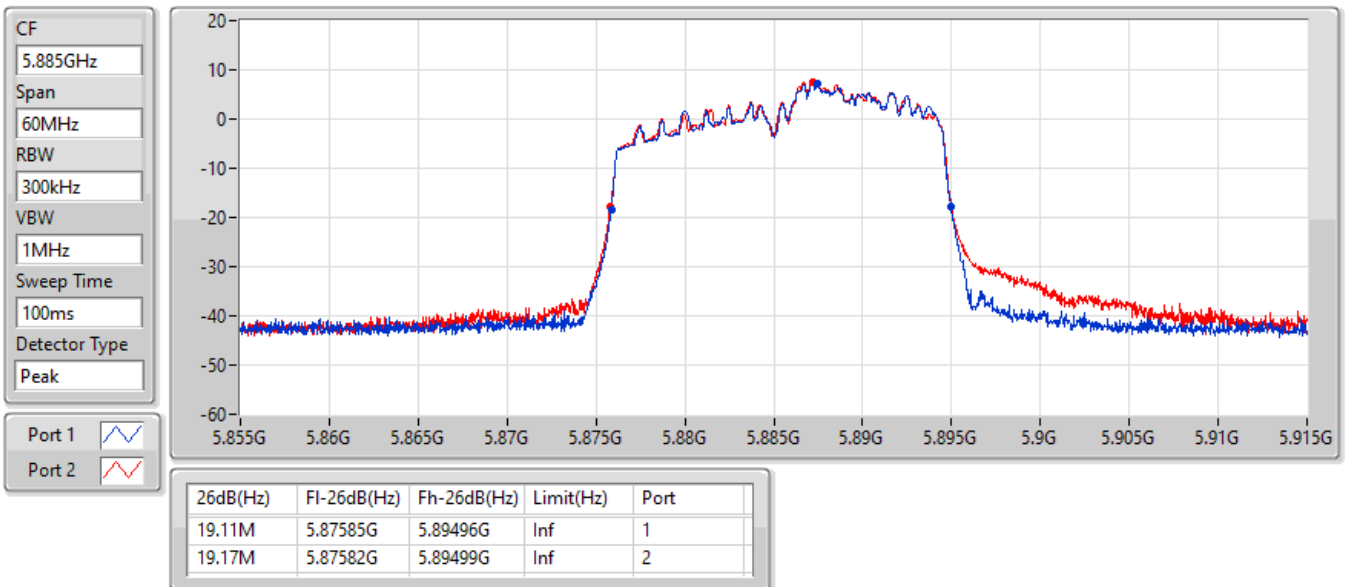


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5885MHz

25/05/2022





Average Power
<Full RU> UNII1~UNII3_Non-Beamforming Mode_1TX

Appendix C.1

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	21.58	0.14388
802.11ac VHT20_Nss1,(MCS0)_1TX	21.78	0.15066
802.11ac VHT40_Nss1,(MCS0)_1TX	20.87	0.12218
802.11ac VHT80_Nss1,(MCS0)_1TX	15.82	0.03819
802.11ac VHT160_Nss1,(MCS0)_1TX	8.28	0.00673
802.11ax HEW20_Nss1,(MCS0)_1TX	21.81	0.15171
802.11ax HEW40_Nss1,(MCS0)_1TX	20.91	0.12331
802.11ax HEW80_Nss1,(MCS0)_1TX	15.84	0.03837
802.11ax HEW160_Nss1,(MCS0)_1TX	8.37	0.00687
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	21.63	0.14555
802.11ac VHT20_Nss1,(MCS0)_1TX	21.43	0.13900
802.11ac VHT40_Nss1,(MCS0)_1TX	20.14	0.10328
802.11ac VHT80_Nss1,(MCS0)_1TX	14.11	0.02576
802.11ac VHT160_Nss1,(MCS0)_1TX	8.46	0.00701
802.11ax HEW20_Nss1,(MCS0)_1TX	21.47	0.14028
802.11ax HEW40_Nss1,(MCS0)_1TX	20.17	0.10399
802.11ax HEW80_Nss1,(MCS0)_1TX	14.16	0.02606
802.11ax HEW160_Nss1,(MCS0)_1TX	8.53	0.00713
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	21.71	0.14825
802.11ac VHT20_Nss1,(MCS0)_1TX	21.67	0.14689
802.11ac VHT40_Nss1,(MCS0)_1TX	21.28	0.13428
802.11ac VHT80_Nss1,(MCS0)_1TX	20.34	0.10814
802.11ac VHT160_Nss1,(MCS0)_1TX	12.13	0.01633
802.11ax HEW20_Nss1,(MCS0)_1TX	21.75	0.14962
802.11ax HEW40_Nss1,(MCS0)_1TX	21.45	0.13964
802.11ax HEW80_Nss1,(MCS0)_1TX	20.35	0.10839
802.11ax HEW160_Nss1,(MCS0)_1TX	12.21	0.01663
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	22.28	0.16904
802.11ac VHT20_Nss1,(MCS0)_1TX	22.38	0.17298
802.11ac VHT40_Nss1,(MCS0)_1TX	21.35	0.13646
802.11ac VHT80_Nss1,(MCS0)_1TX	18.15	0.06531
802.11ax HEW20_Nss1,(MCS0)_1TX	22.43	0.17498
802.11ax HEW40_Nss1,(MCS0)_1TX	21.47	0.14028
802.11ax HEW80_Nss1,(MCS0)_1TX	18.17	0.06561



Average Power
<Full RU> UNII1~UNII3_Non-Beamforming Mode_1TX

Appendix C.1

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	5.00	20.46	20.46	30.00
5200MHz	Pass	5.00	21.58	21.58	30.00
5240MHz	Pass	5.00	21.53	21.53	30.00
5260MHz	Pass	5.00	21.45	21.45	23.98
5300MHz	Pass	5.00	21.63	21.63	23.98
5320MHz	Pass	5.00	18.75	18.75	23.98
5500MHz	Pass	5.00	19.63	19.63	23.98
5580MHz	Pass	5.00	21.71	21.71	23.98
5700MHz	Pass	5.00	16.26	16.26	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.00	21.69	21.69	23.98
5720MHz Straddle 5.725-5.85GHz	Pass	5.00	13.5	13.50	30.00
5745MHz	Pass	5.00	22.24	22.24	30.00
5785MHz	Pass	5.00	22.18	22.18	30.00
5825MHz	Pass	5.00	22.28	22.28	30.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	5.00	18.69	18.69	30.00
5200MHz	Pass	5.00	21.78	21.78	30.00
5240MHz	Pass	5.00	21.42	21.42	30.00
5260MHz	Pass	5.00	21.43	21.43	23.98
5300MHz	Pass	5.00	21.39	21.39	23.98
5320MHz	Pass	5.00	18.09	18.09	23.98
5500MHz	Pass	5.00	18.93	18.93	23.98
5580MHz	Pass	5.00	21.62	21.62	23.98
5700MHz	Pass	5.00	15.68	15.68	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.00	21.67	21.67	23.98
5720MHz Straddle 5.725-5.85GHz	Pass	5.00	14.08	14.08	30.00
5745MHz	Pass	5.00	22.25	22.25	30.00
5785MHz	Pass	5.00	22.21	22.21	30.00
5825MHz	Pass	5.00	22.38	22.38	30.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	5.00	17.23	17.23	30.00
5230MHz	Pass	5.00	20.87	20.87	30.00
5270MHz	Pass	5.00	20.14	20.14	23.98
5310MHz	Pass	5.00	16.53	16.53	23.98
5510MHz	Pass	5.00	17.63	17.63	23.98
5550MHz	Pass	5.00	19.65	19.65	23.98
5670MHz	Pass	5.00	17.13	17.13	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.00	21.28	21.28	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.00	8.48	8.48	30.00
5755MHz	Pass	5.00	20.91	20.91	30.00
5795MHz	Pass	5.00	21.35	21.35	30.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	5.00	15.82	15.82	30.00
5290MHz	Pass	5.00	14.11	14.11	23.98
5530MHz	Pass	5.00	16.42	16.42	23.98
5610MHz	Pass	5.00	17.03	17.03	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.00	20.34	20.34	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.00	3.9	3.90	30.00
5775MHz	Pass	5.00	18.15	18.15	30.00
802.11ac VHT160_Nss1,(MCS0)_1TX	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.00	8.28	8.28	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.00	8.46	8.46	23.98
5570MHz	Pass	5.00	12.13	12.13	23.98
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-



Average Power
<Full RU> UNII1~UNII3_Non-Beamforming Mode_1TX

Appendix C.1

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
5180MHz	Pass	5.00	18.79	18.79	30.00
5200MHz	Pass	5.00	21.81	21.81	30.00
5240MHz	Pass	5.00	21.46	21.46	30.00
5260MHz	Pass	5.00	21.47	21.47	23.98
5300MHz	Pass	5.00	21.42	21.42	23.98
5320MHz	Pass	5.00	18.28	18.28	23.98
5500MHz	Pass	5.00	18.97	18.97	23.98
5580MHz	Pass	5.00	21.65	21.65	23.98
5700MHz	Pass	5.00	15.74	15.74	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.00	21.75	21.75	23.98
5720MHz Straddle 5.725-5.85GHz	Pass	5.00	14.3	14.30	30.00
5745MHz	Pass	5.00	22.29	22.29	30.00
5785MHz	Pass	5.00	22.27	22.27	30.00
5825MHz	Pass	5.00	22.43	22.43	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	5.00	17.41	17.41	30.00
5230MHz	Pass	5.00	20.91	20.91	30.00
5270MHz	Pass	5.00	20.17	20.17	23.98
5310MHz	Pass	5.00	16.61	16.61	23.98
5510MHz	Pass	5.00	17.67	17.67	23.98
5550MHz	Pass	5.00	19.68	19.68	23.98
5670MHz	Pass	5.00	17.17	17.17	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.00	21.45	21.45	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.00	8.87	8.87	30.00
5755MHz	Pass	5.00	20.93	20.93	30.00
5795MHz	Pass	5.00	21.47	21.47	30.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	5.00	15.84	15.84	30.00
5290MHz	Pass	5.00	14.16	14.16	23.98
5530MHz	Pass	5.00	16.58	16.58	23.98
5610MHz	Pass	5.00	17.06	17.06	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.00	20.35	20.35	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.00	4.62	4.62	30.00
5775MHz	Pass	5.00	18.17	18.17	30.00
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.00	8.37	8.37	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.00	8.53	8.53	23.98
5570MHz	Pass	5.00	12.21	12.21	23.98

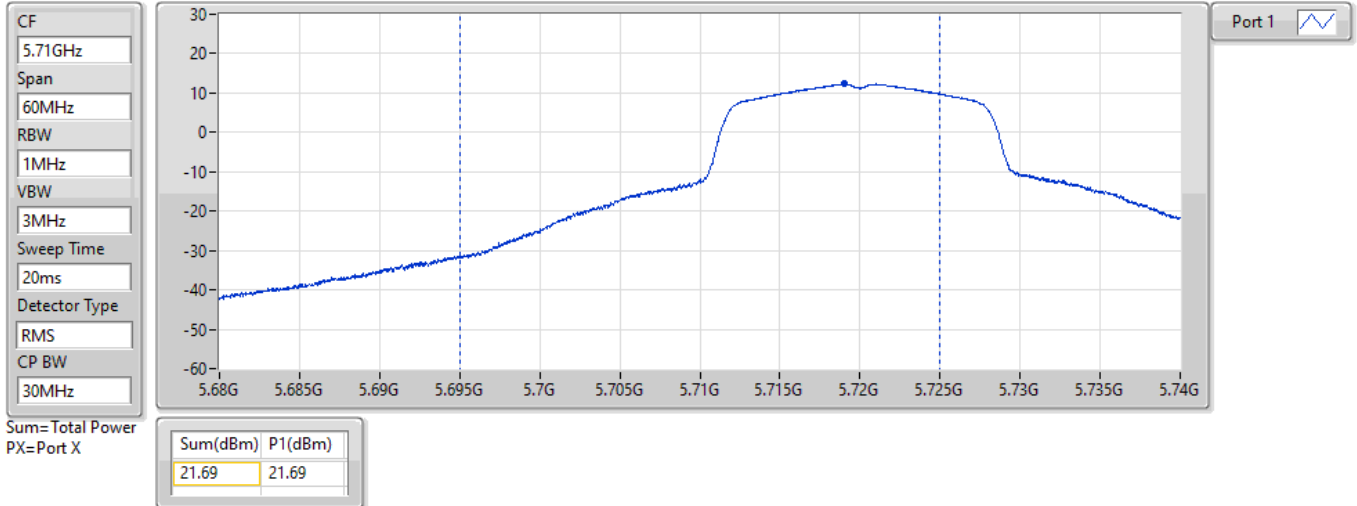
DG = Directional Gain; Port X = Port X output power

802.11a_Nss1,(6Mbps)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

19/05/2022

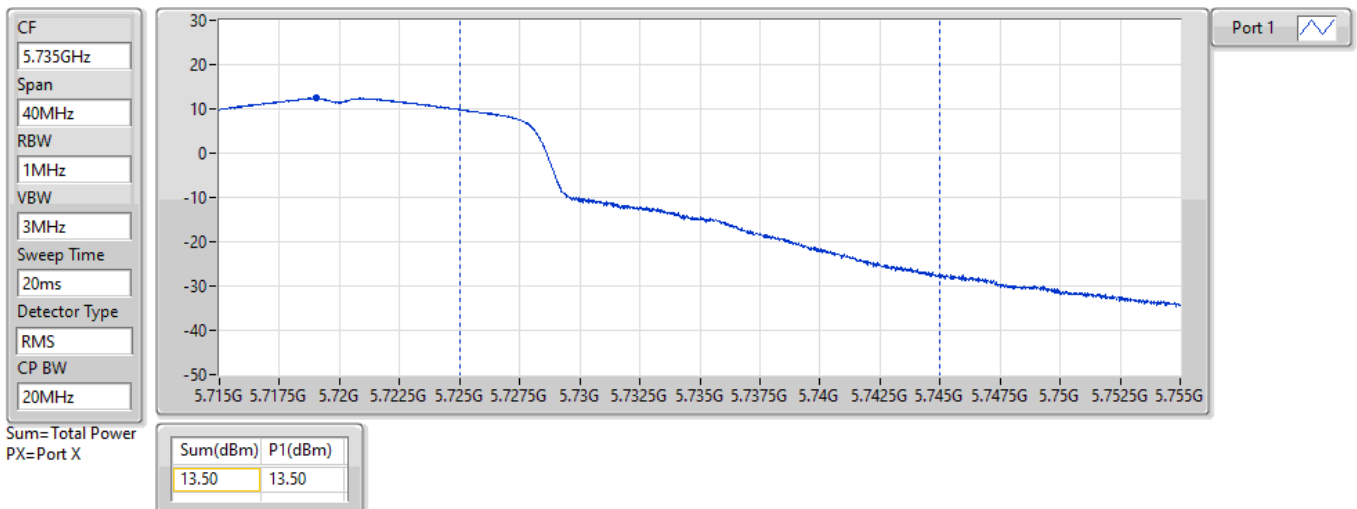


802.11a_Nss1,(6Mbps)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

19/05/2022

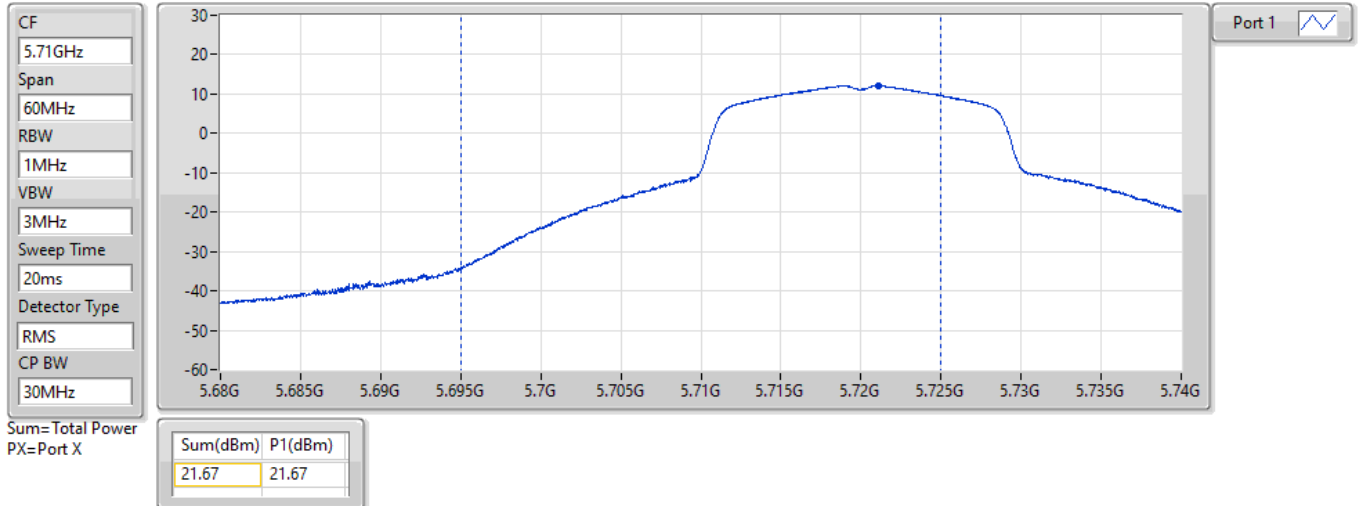


802.11ac VHT20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.67-5.725GHz_TnomVnom

20/05/2022

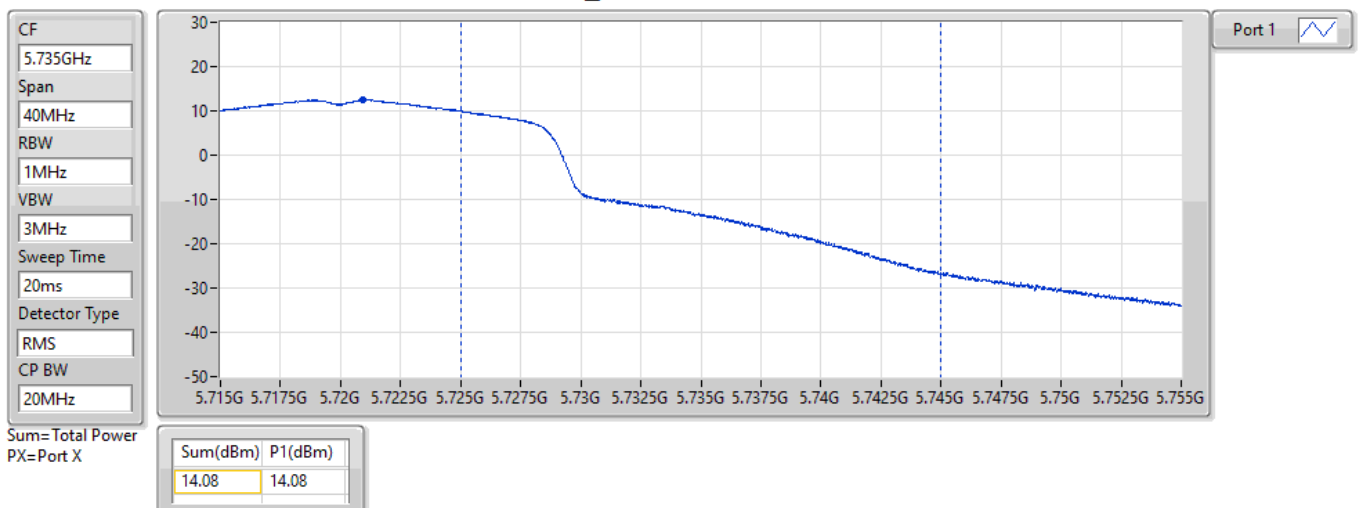


802.11ac VHT20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

20/05/2022

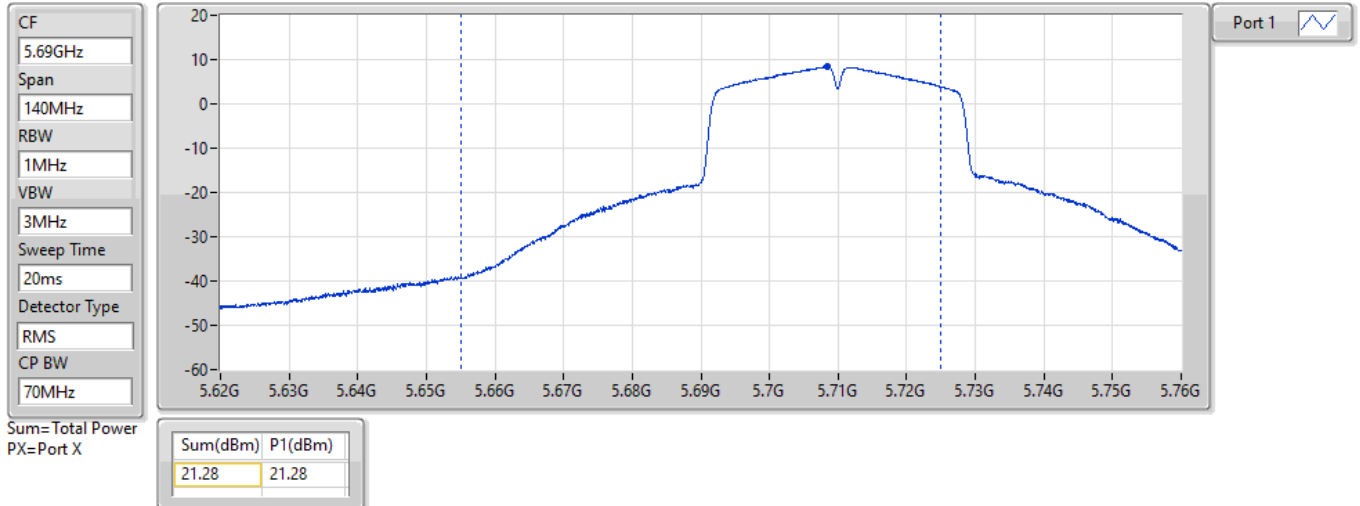


802.11ac VHT40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.47-5.725GHz_TnomVnom

20/05/2022

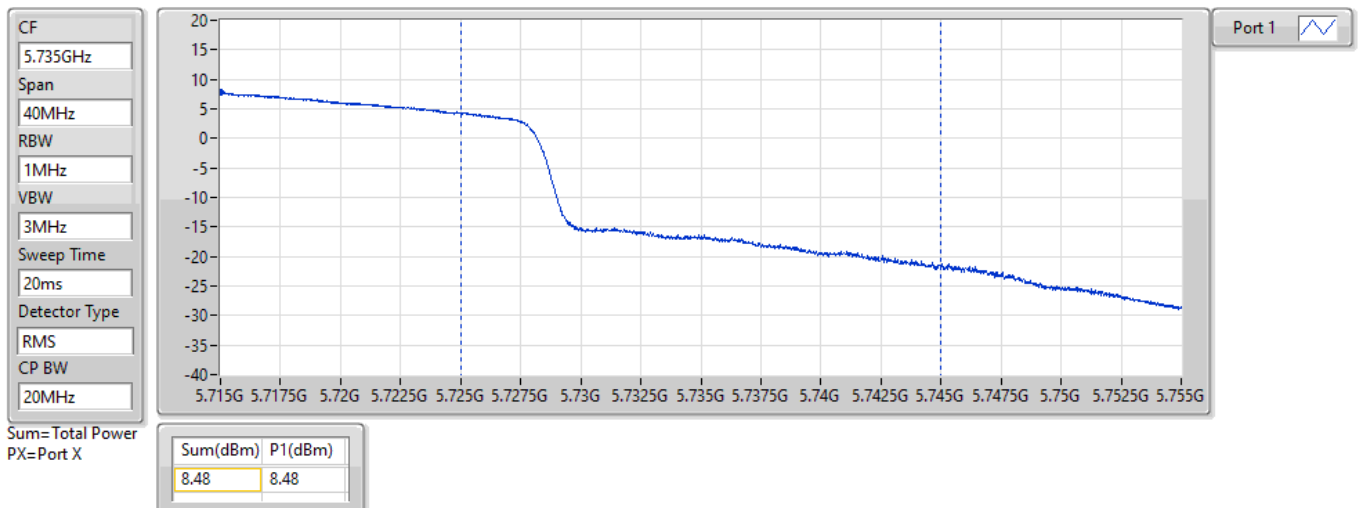


802.11ac VHT40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TnomVnom

20/05/2022

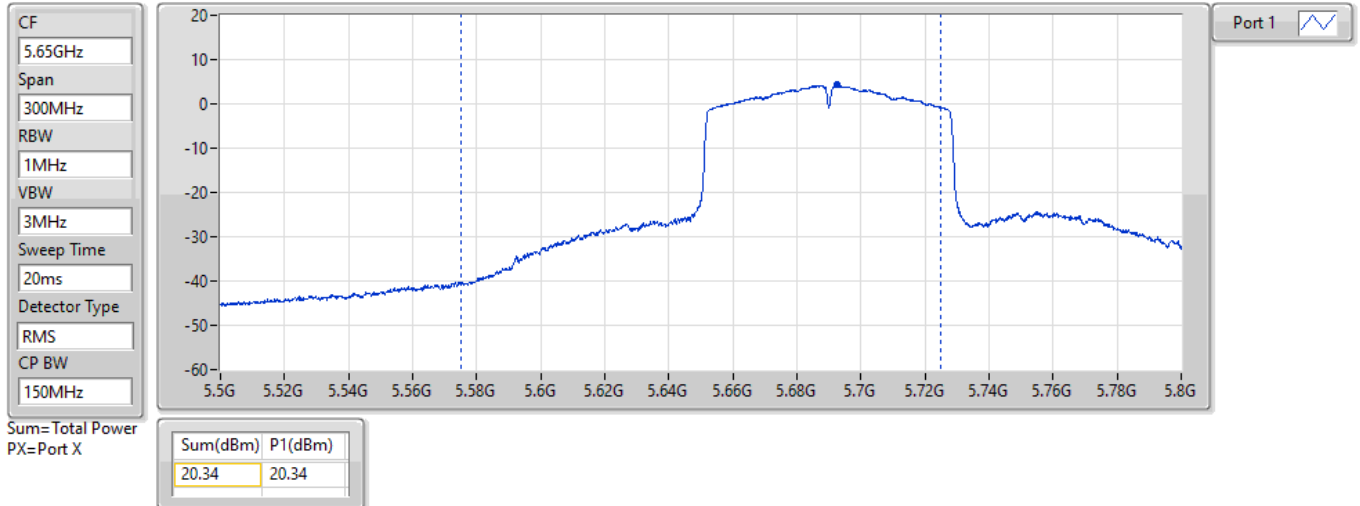


802.11ac VHT80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TnomVnom

20/05/2022

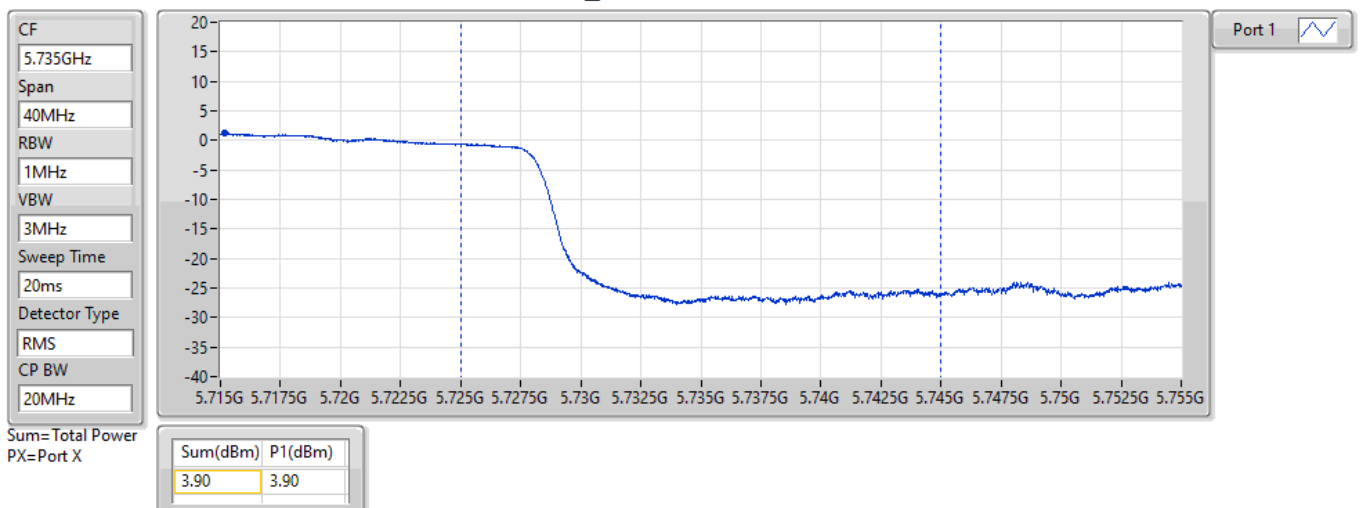


802.11ac VHT80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TnomVnom

20/05/2022

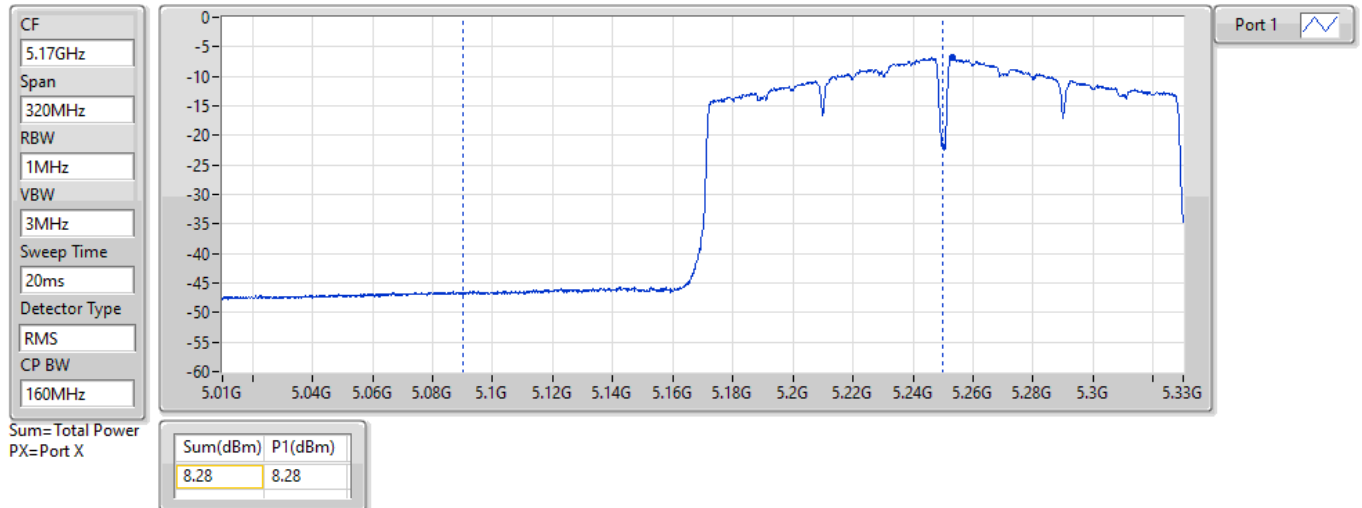


802.11ac VHT160_Nss1,(MCS0)_1TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TnomVnom

20/05/2022

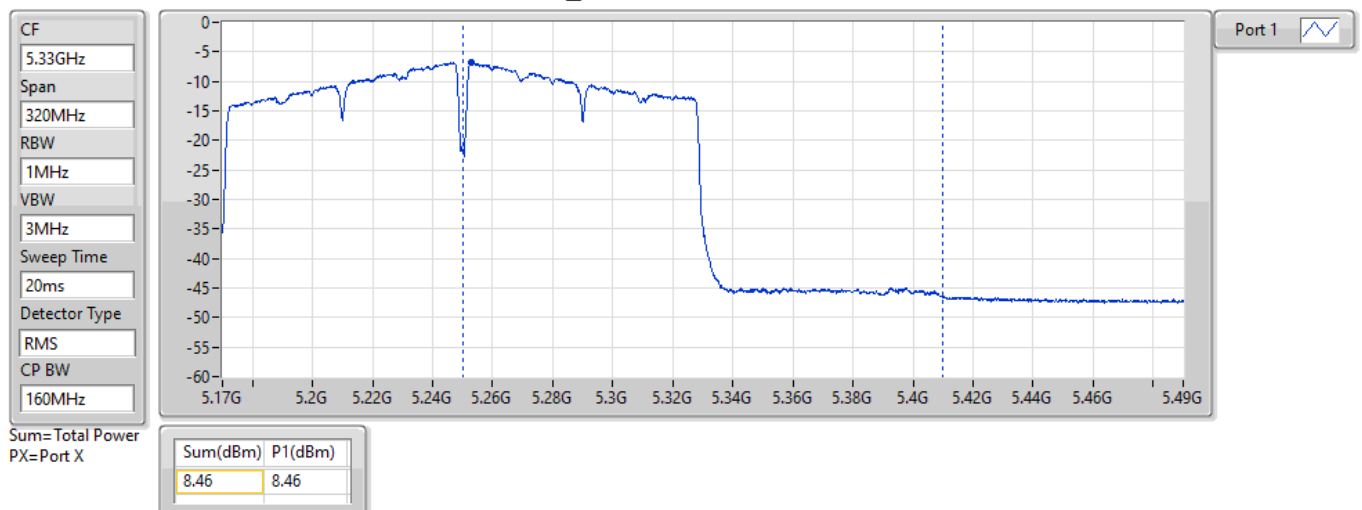


802.11ac VHT160_Nss1,(MCS0)_1TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TnomVnom

20/05/2022

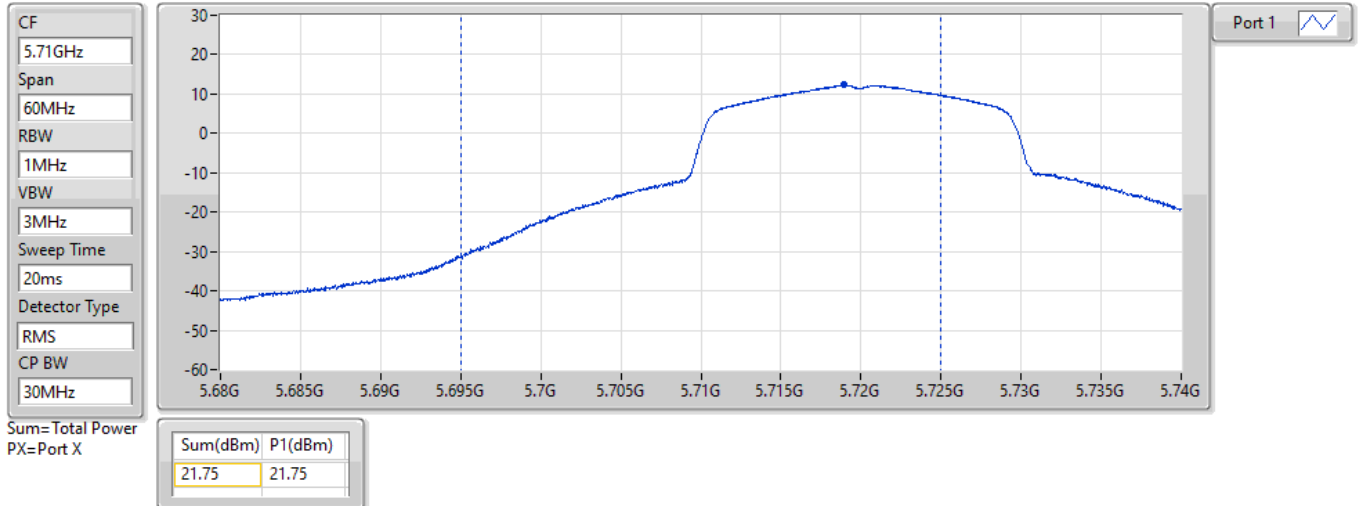


802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

19/05/2022

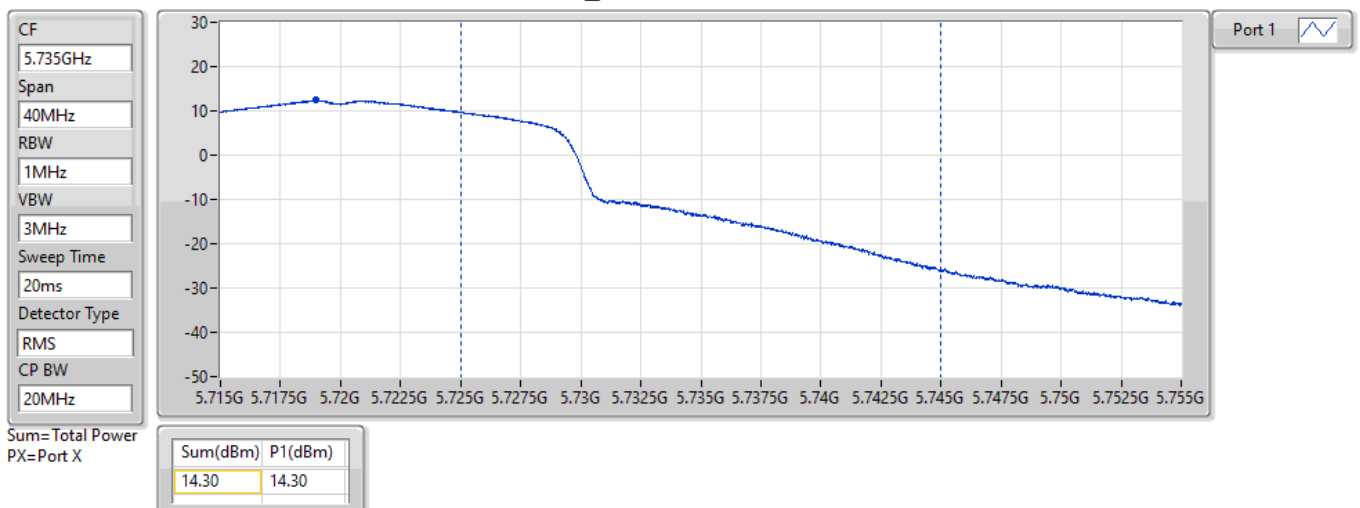


802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

19/05/2022

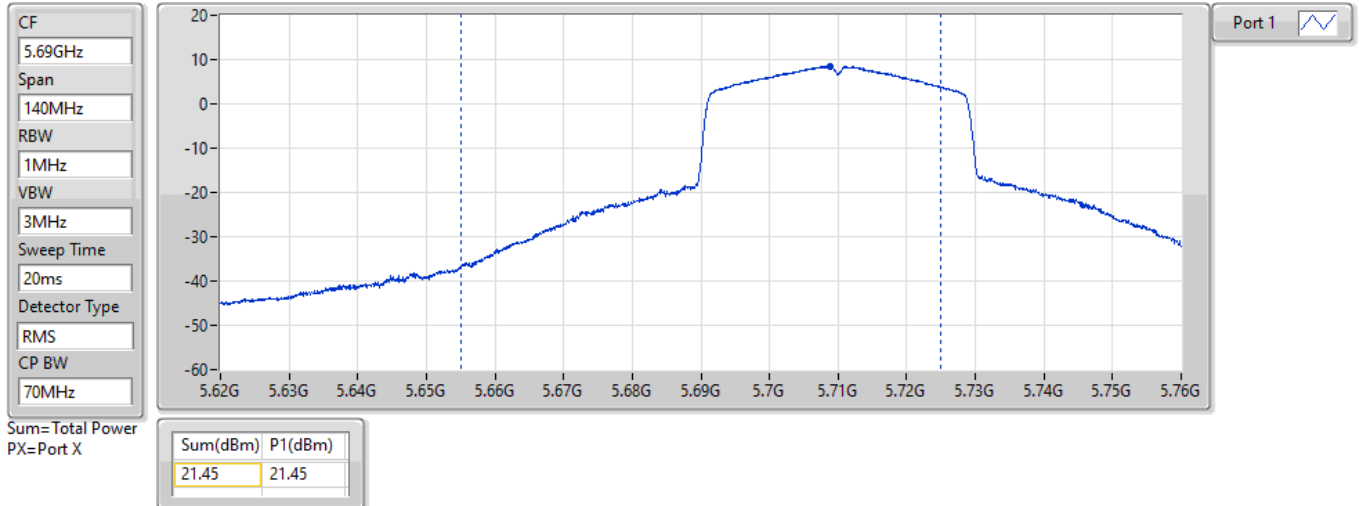


802.11ax HEW40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.47-5.725GHz_TnomVnom

19/05/2022

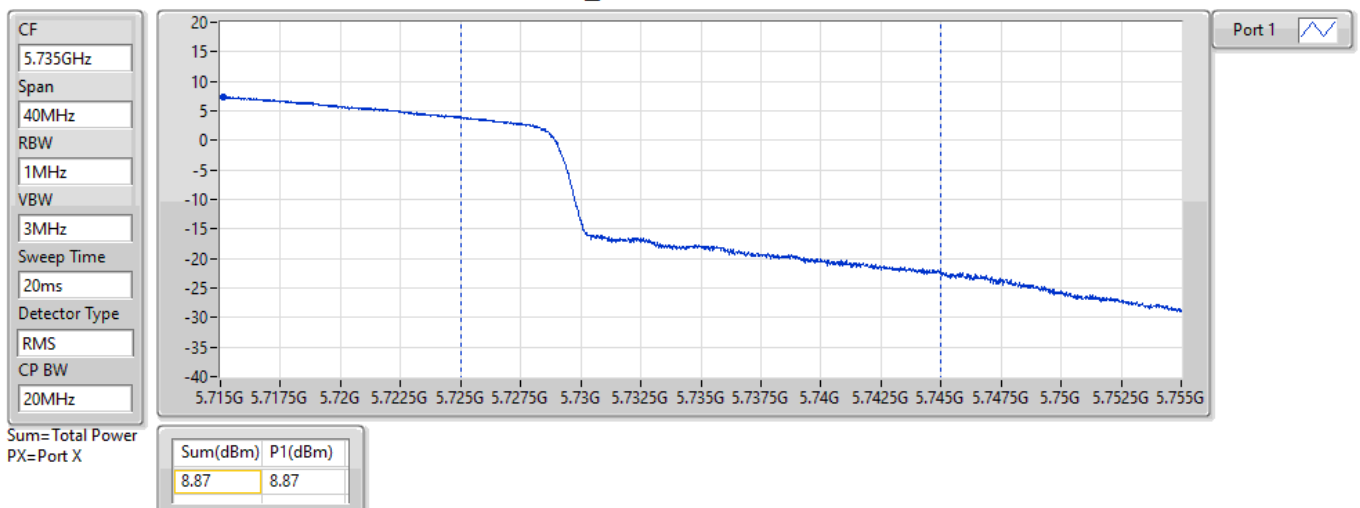


802.11ax HEW40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TnomVnom

20/05/2022

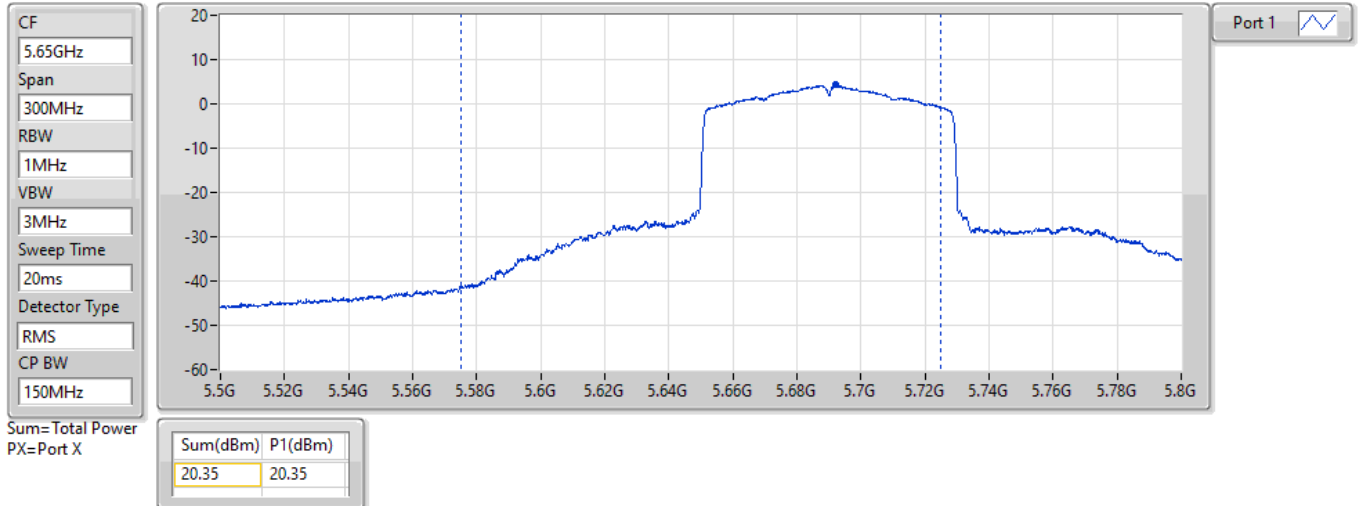


802.11ax HEW80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TnomVnom

19/05/2022

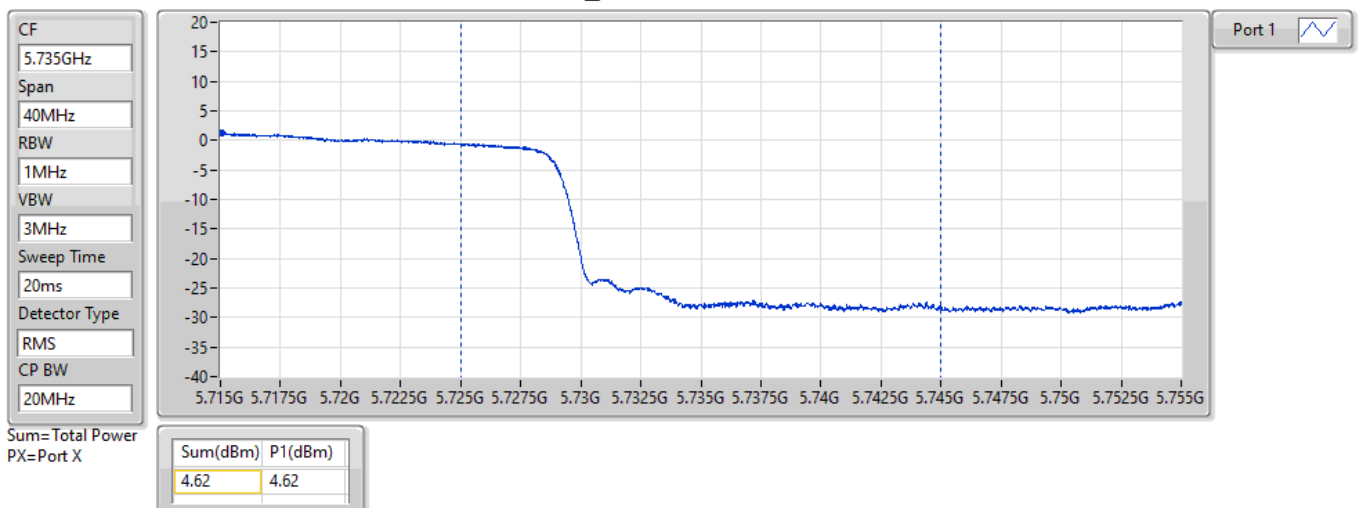


802.11ax HEW80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TnomVnom

19/05/2022

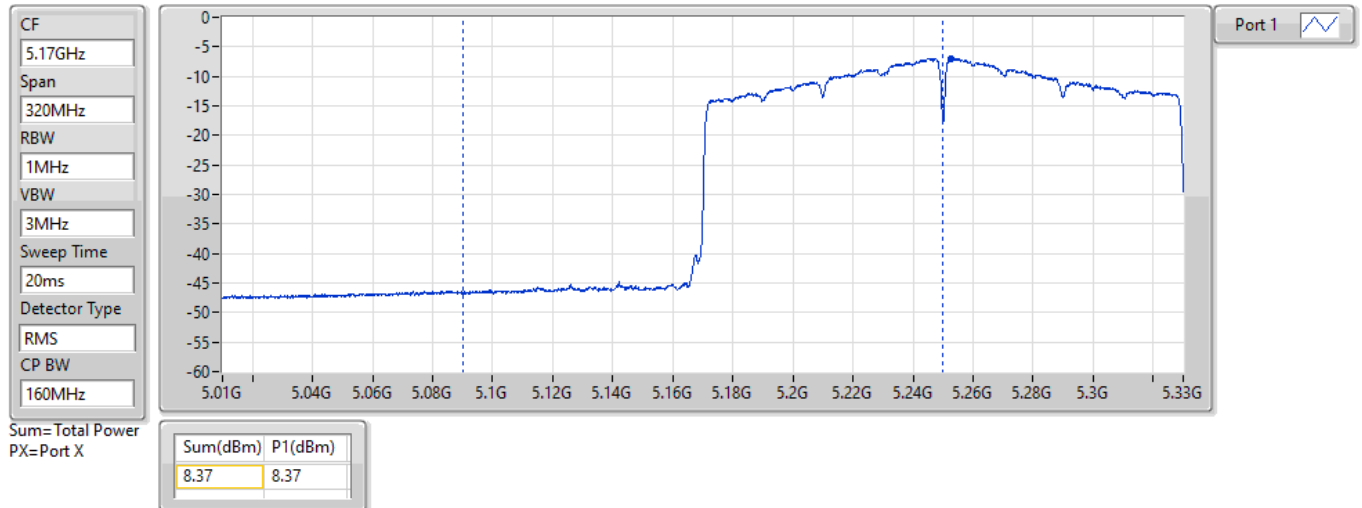


802.11ax HEW160_Nss1,(MCS0)_1TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TnomVnom

20/05/2022

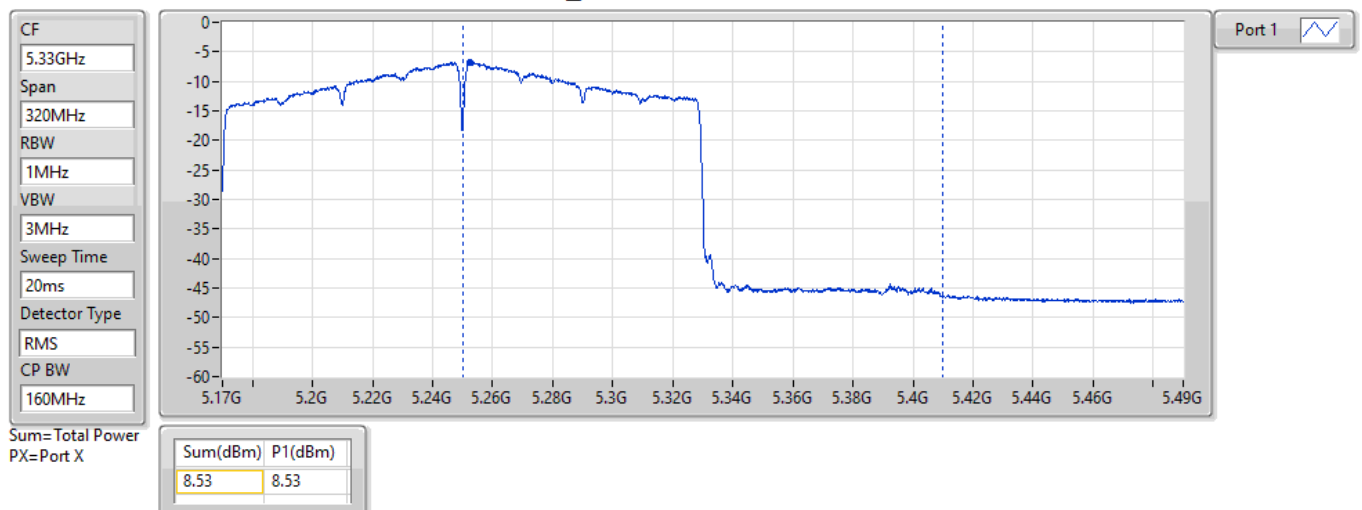


802.11ax HEW160_Nss1,(MCS0)_1TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TnomVnom

20/05/2022





Average Power
<Full RU> UNII1~UNII3_Non-Beamforming Mode_2TX

Appendix C.2

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	19.82	0.09594
802.11ac VHT20_Nss1,(MCS0)_2TX	20.07	0.10162
802.11ac VHT40_Nss1,(MCS0)_2TX	23.13	0.20559
802.11ac VHT80_Nss1,(MCS0)_2TX	16.26	0.04227
802.11ac VHT160_Nss1,(MCS0)_2TX	9.19	0.00830
802.11ax HEW20_Nss1,(MCS0)_2TX	20.11	0.10257
802.11ax HEW40_Nss1,(MCS0)_2TX	23.15	0.20654
802.11ax HEW80_Nss1,(MCS0)_2TX	16.32	0.04285
802.11ax HEW160_Nss1,(MCS0)_2TX	9.53	0.00897
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	20.13	0.10304
802.11ac VHT20_Nss1,(MCS0)_2TX	20.08	0.10186
802.11ac VHT40_Nss1,(MCS0)_2TX	22.60	0.18197
802.11ac VHT80_Nss1,(MCS0)_2TX	14.05	0.02541
802.11ac VHT160_Nss1,(MCS0)_2TX	9.39	0.00869
802.11ax HEW20_Nss1,(MCS0)_2TX	20.42	0.11015
802.11ax HEW40_Nss1,(MCS0)_2TX	22.76	0.18880
802.11ax HEW80_Nss1,(MCS0)_2TX	14.23	0.02649
802.11ax HEW160_Nss1,(MCS0)_2TX	9.81	0.00957
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	19.96	0.09908
802.11ac VHT20_Nss1,(MCS0)_2TX	20.16	0.10375
802.11ac VHT40_Nss1,(MCS0)_2TX	23.15	0.20654
802.11ac VHT80_Nss1,(MCS0)_2TX	20.43	0.11041
802.11ac VHT160_Nss1,(MCS0)_2TX	13.12	0.02051
802.11ax HEW20_Nss1,(MCS0)_2TX	20.27	0.10641
802.11ax HEW40_Nss1,(MCS0)_2TX	23.18	0.20797
802.11ax HEW80_Nss1,(MCS0)_2TX	20.73	0.11830
802.11ax HEW160_Nss1,(MCS0)_2TX	13.29	0.02133
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	24.21	0.26363
802.11ac VHT20_Nss1,(MCS0)_2TX	23.97	0.24946
802.11ac VHT40_Nss1,(MCS0)_2TX	24.26	0.26669
802.11ac VHT80_Nss1,(MCS0)_2TX	19.30	0.08511
802.11ax HEW20_Nss1,(MCS0)_2TX	24.02	0.25235
802.11ax HEW40_Nss1,(MCS0)_2TX	24.33	0.27102
802.11ax HEW80_Nss1,(MCS0)_2TX	19.35	0.08610



Average Power
<Full RU> UNII1~UNII3_Non-Beamforming Mode_2TX

Appendix C.2

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	5.00	16.69	16.86	19.79	30.00
5200MHz	Pass	5.00	16.73	16.82	19.79	30.00
5240MHz	Pass	5.00	16.69	16.93	19.82	30.00
5260MHz	Pass	5.00	16.89	17.17	20.04	23.98
5300MHz	Pass	5.00	17.07	17.16	20.13	23.98
5320MHz	Pass	5.00	16.79	16.93	19.87	23.98
5500MHz	Pass	5.00	16.83	16.92	19.89	23.98
5580MHz	Pass	5.00	16.79	17.11	19.96	23.98
5700MHz	Pass	5.00	14.85	15.11	17.99	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.00	16.41	16.88	19.66	23.98
5720MHz Straddle 5.725-5.85GHz	Pass	5.00	8.27	8.39	11.34	30.00
5745MHz	Pass	5.00	20.56	20.8	23.69	30.00
5785MHz	Pass	5.00	21	21.4	24.21	30.00
5825MHz	Pass	5.00	20.81	20.55	23.69	30.00
802.11ac_VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	5.00	16.7	16.88	19.80	30.00
5200MHz	Pass	5.00	16.87	16.69	19.79	30.00
5240MHz	Pass	5.00	17.01	17.1	20.07	30.00
5260MHz	Pass	5.00	16.98	17.09	20.05	23.98
5300MHz	Pass	5.00	17.06	16.85	19.97	23.98
5320MHz	Pass	5.00	17.03	17.1	20.08	23.98
5500MHz	Pass	5.00	16.09	16.23	19.17	23.98
5580MHz	Pass	5.00	17.02	17.27	20.16	23.98
5700MHz	Pass	5.00	13.23	13.47	16.36	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.00	16.67	16.74	19.72	23.98
5720MHz Straddle 5.725-5.85GHz	Pass	5.00	8.89	9.14	12.03	30.00
5745MHz	Pass	5.00	20.85	21.06	23.97	30.00
5785MHz	Pass	5.00	20.83	20.96	23.91	30.00
5825MHz	Pass	5.00	20.76	20.62	23.70	30.00
802.11ac_VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	5.00	14.95	14.89	17.93	30.00
5230MHz	Pass	5.00	19.97	20.27	23.13	30.00
5270MHz	Pass	5.00	19.78	19.39	22.60	23.98
5310MHz	Pass	5.00	14.78	15.07	17.94	23.98
5510MHz	Pass	5.00	15.09	15.45	18.28	23.98
5550MHz	Pass	5.00	20.21	20.06	23.15	23.98
5670MHz	Pass	5.00	15.05	15.43	18.25	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.00	19.69	19.3	22.51	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.00	6.61	6.18	9.41	30.00
5755MHz	Pass	5.00	20.79	20.95	23.88	30.00
5795MHz	Pass	5.00	21.21	21.29	24.26	30.00
802.11ac_VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	5.00	13.17	13.33	16.26	30.00
5290MHz	Pass	5.00	10.94	11.14	14.05	23.98
5530MHz	Pass	5.00	14.05	14.17	17.12	23.98
5610MHz	Pass	5.00	14.65	14.83	17.75	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.00	17.4	17.43	20.43	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.00	0.68	0.86	3.78	30.00
5775MHz	Pass	5.00	16.15	16.43	19.30	30.00
802.11ac_VHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.00	6.04	6.32	9.19	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.00	6.26	6.49	9.39	23.98
5570MHz	Pass	5.00	9.89	10.31	13.12	23.98
802.11ax_HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-



Average Power
<Full RU> UNII1~UNII3_Non-Beamforming Mode_2TX

Appendix C.2

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
5180MHz	Pass	5.00	16.79	16.97	19.89	30.00
5200MHz	Pass	5.00	16.98	17.22	20.11	30.00
5240MHz	Pass	5.00	17.08	17.12	20.11	30.00
5260MHz	Pass	5.00	17.01	17.12	20.08	23.98
5300MHz	Pass	5.00	17.03	17.16	20.11	23.98
5320MHz	Pass	5.00	17.35	17.46	20.42	23.98
5500MHz	Pass	5.00	16.48	16.82	19.66	23.98
5580MHz	Pass	5.00	17.07	17.44	20.27	23.98
5700MHz	Pass	5.00	13.32	13.53	16.44	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.00	16.59	16.95	19.78	23.98
5720MHz Straddle 5.725-5.85GHz	Pass	5.00	9.24	9.62	12.44	30.00
5745MHz	Pass	5.00	20.92	21.1	24.02	30.00
5785MHz	Pass	5.00	20.89	20.94	23.93	30.00
5825MHz	Pass	5.00	20.77	20.65	23.72	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	5.00	14.93	15.06	18.01	30.00
5230MHz	Pass	5.00	20.22	20.05	23.15	30.00
5270MHz	Pass	5.00	19.7	19.8	22.76	23.98
5310MHz	Pass	5.00	14.88	15.14	18.02	23.98
5510MHz	Pass	5.00	15.26	15.58	18.43	23.98
5550MHz	Pass	5.00	20.25	20.08	23.18	23.98
5670MHz	Pass	5.00	15.09	15.45	18.28	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.00	19.64	19.59	22.63	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.00	7.05	6.99	10.03	30.00
5755MHz	Pass	5.00	21.13	21.18	24.17	30.00
5795MHz	Pass	5.00	21.38	21.25	24.33	30.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	5.00	13.19	13.42	16.32	30.00
5290MHz	Pass	5.00	11.17	11.26	14.23	23.98
5530MHz	Pass	5.00	14.06	14.2	17.14	23.98
5610MHz	Pass	5.00	14.67	14.87	17.78	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.00	17.68	17.76	20.73	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.00	1.66	2.08	4.89	30.00
5775MHz	Pass	5.00	16.28	16.4	19.35	30.00
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.00	6.42	6.61	9.53	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.00	6.66	6.94	9.81	23.98
5570MHz	Pass	5.00	10.08	10.47	13.29	23.98

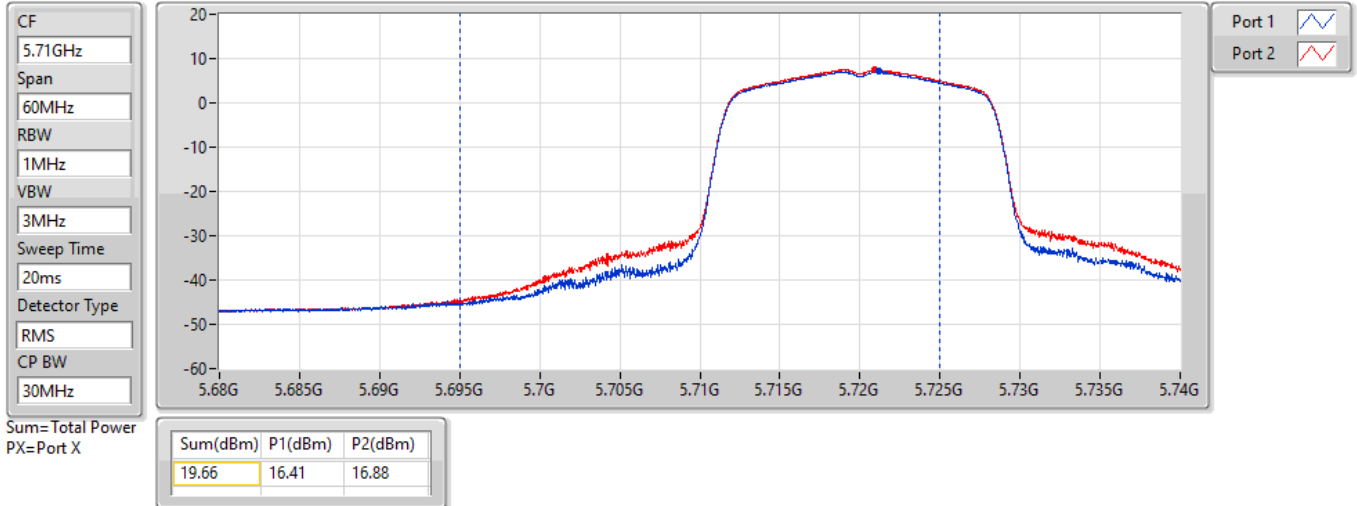
DG = Directional Gain; Port X = Port X output power

802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

20/05/2022

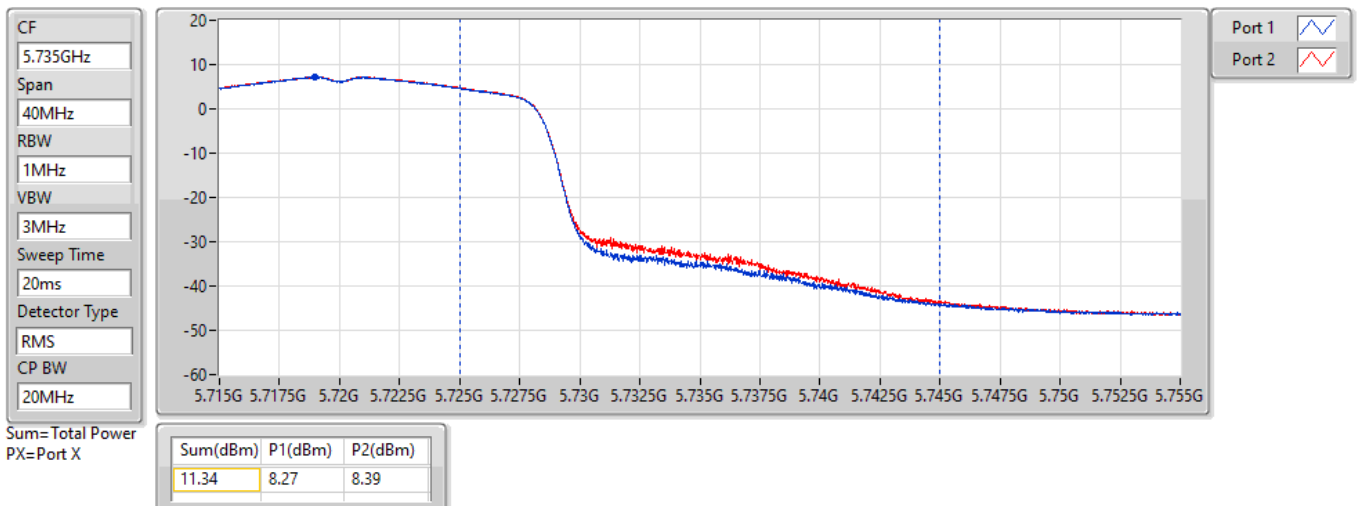


802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

20/05/2022

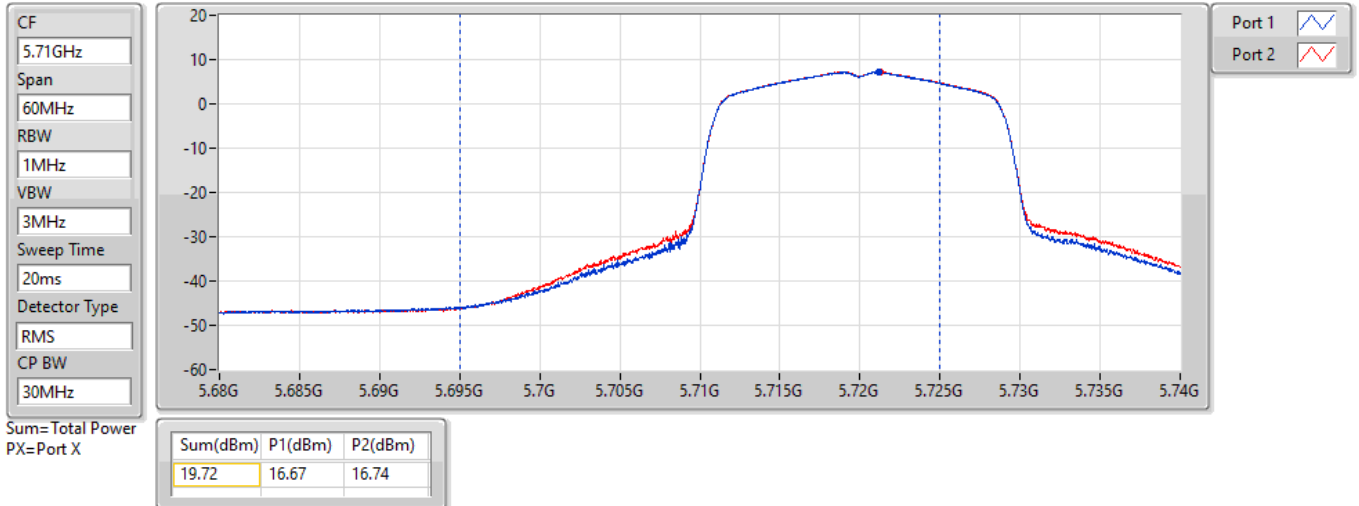


802.11ac VHT20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

20/05/2022

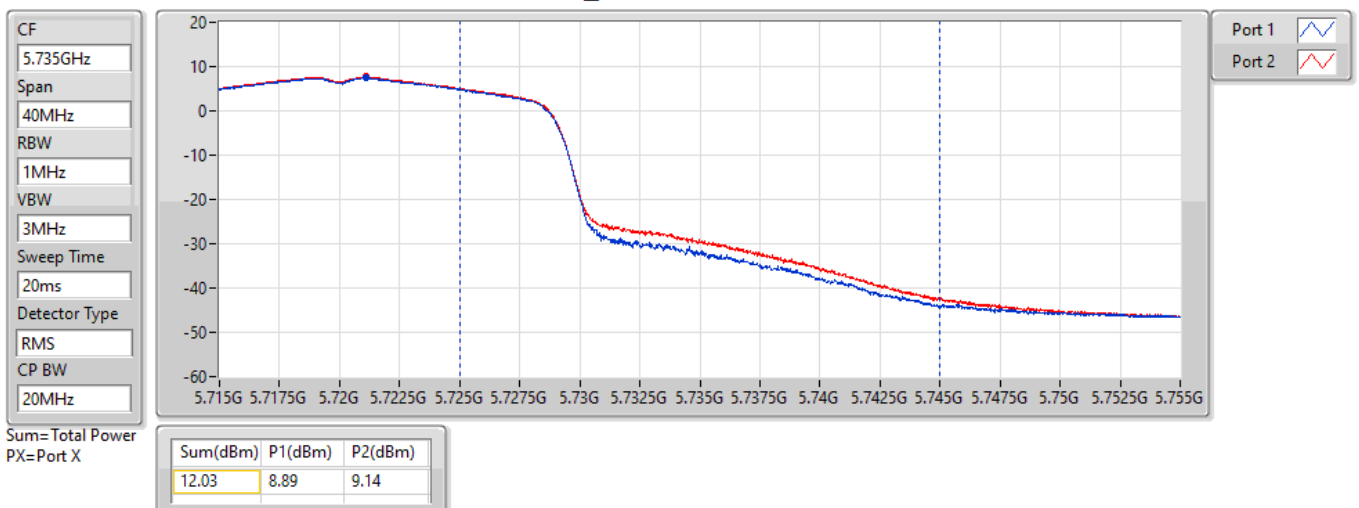


802.11ac VHT20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

20/05/2022

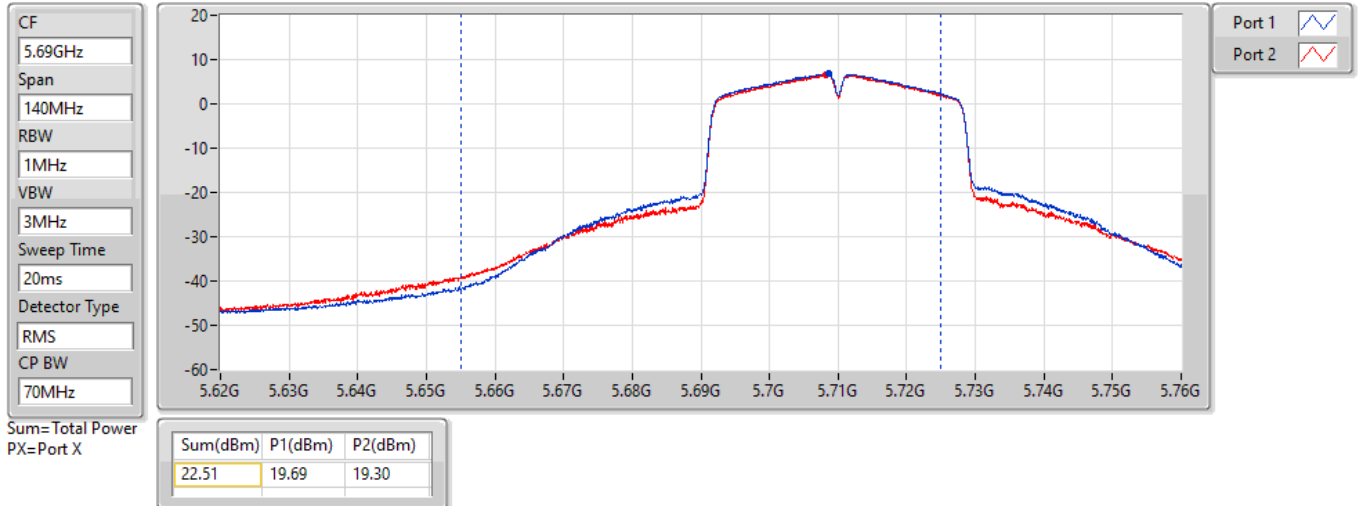


802.11ac VHT40_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz_TnomVnom

20/05/2022

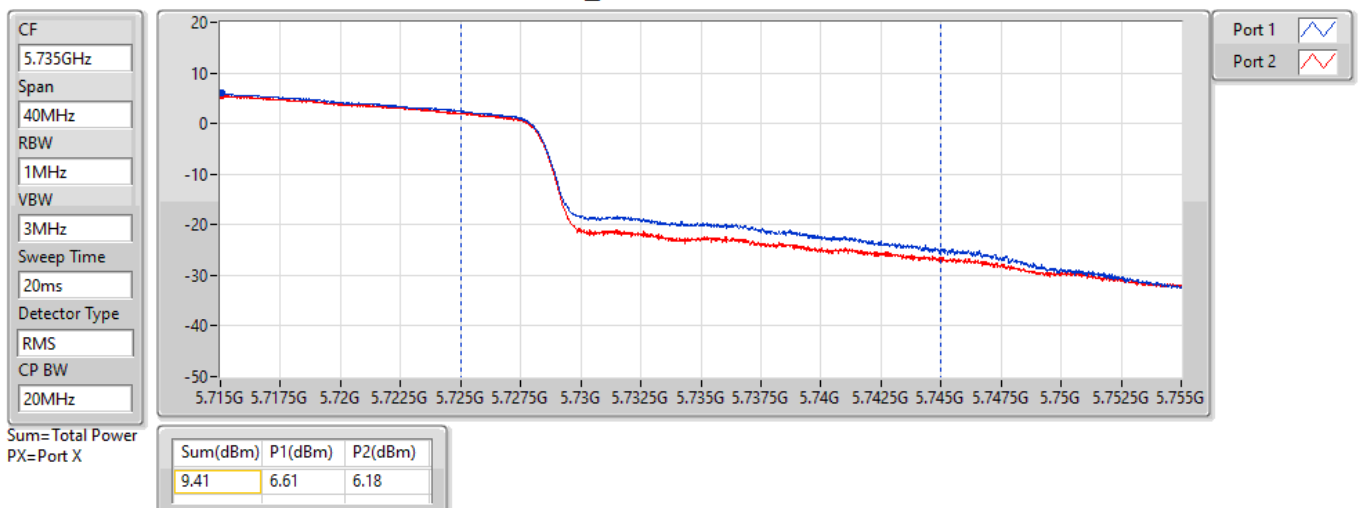


802.11ac VHT40_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TnomVnom

20/05/2022

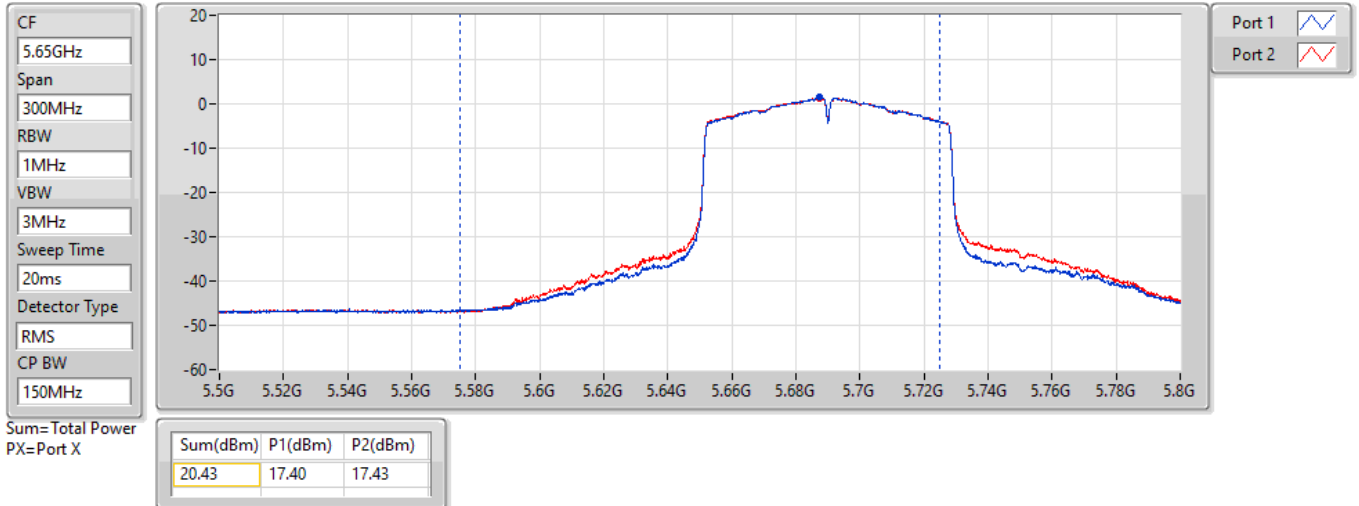


802.11ac VHT80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TnomVnom

22/05/2022

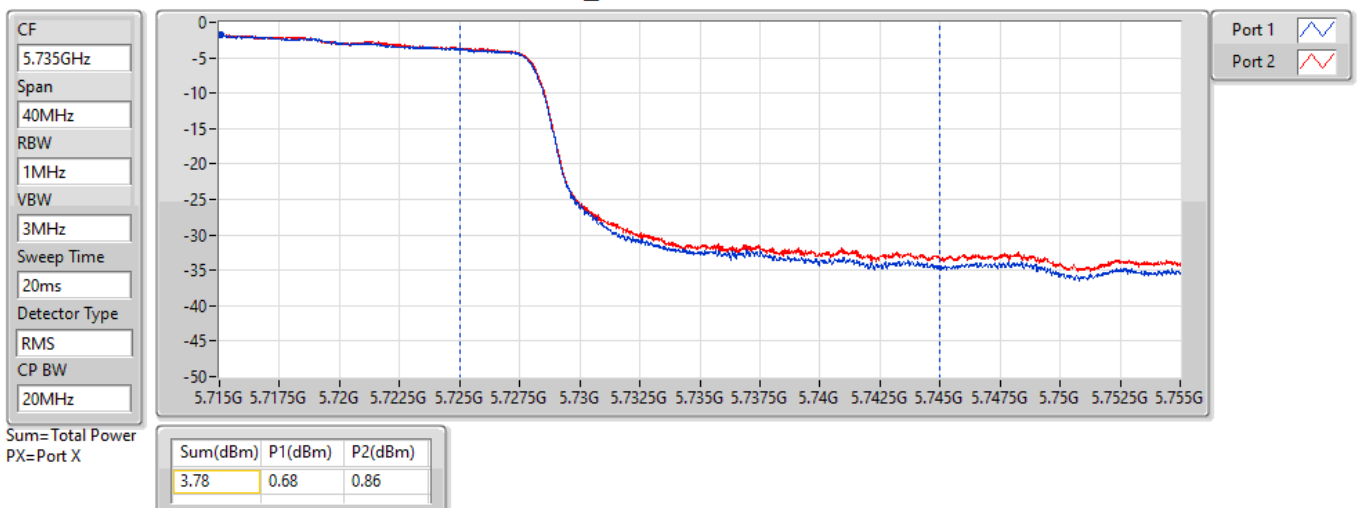


802.11ac VHT80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TnomVnom

22/05/2022

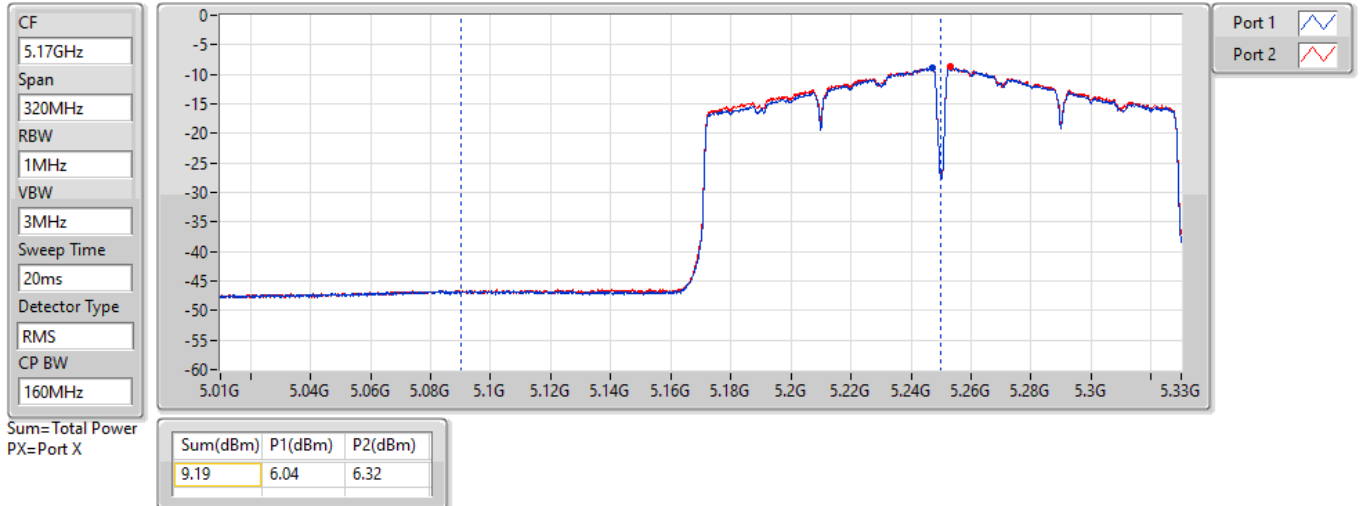


802.11ac VHT160_Nss1,(MCS0)_2TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TnomVnom

21/05/2022

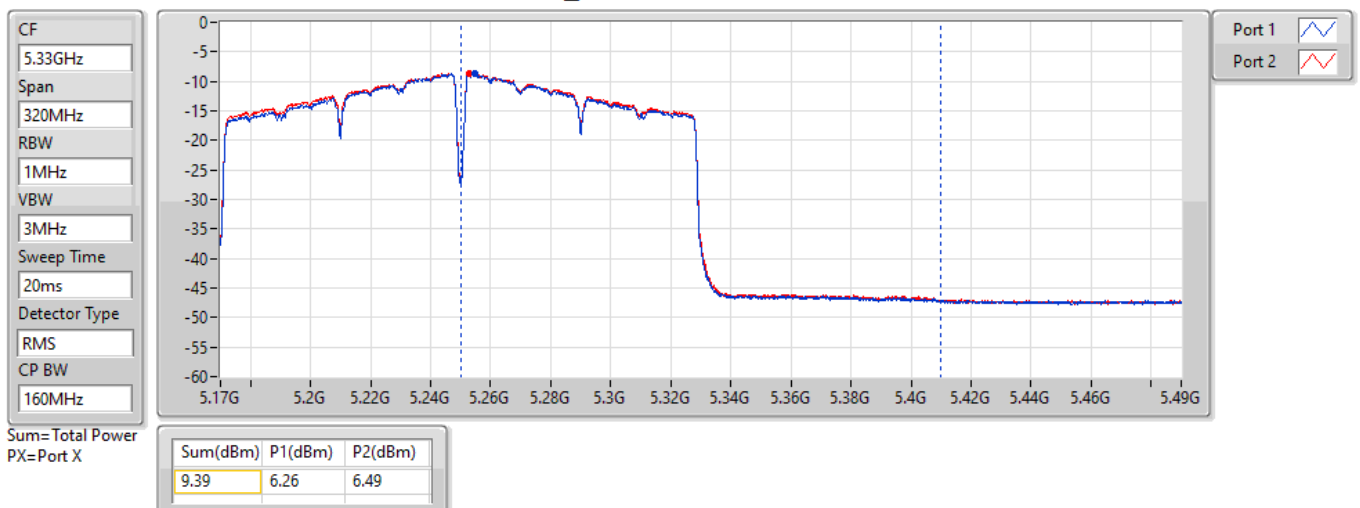


802.11ac VHT160_Nss1,(MCS0)_2TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TnomVnom

21/05/2022



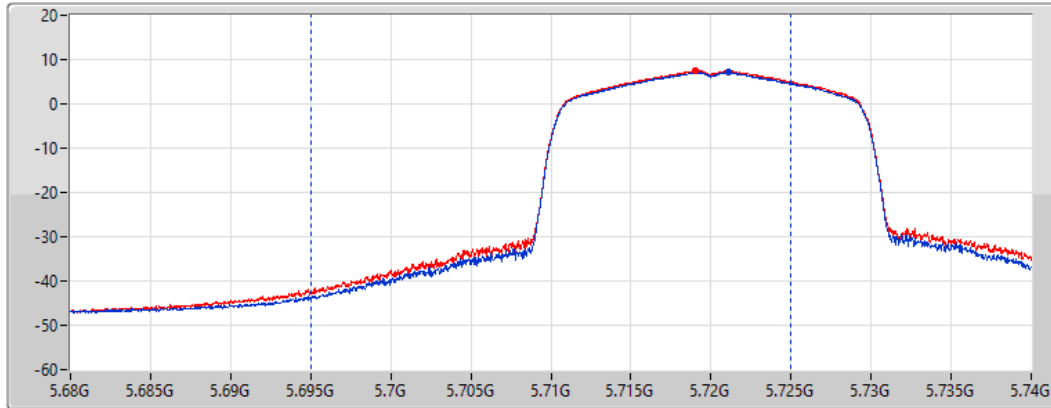
802.11ax HEW20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

20/05/2022

CF
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
30MHz



Port 1 
 Port 2 

Sum= Total Power
 PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
19.78	16.59	16.95

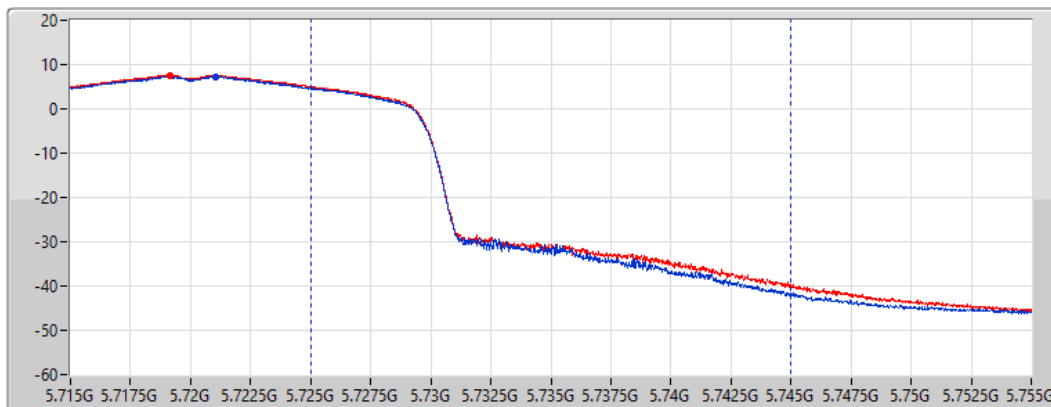
802.11ax HEW20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

20/05/2022

CF
5.735GHz
Span
40MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
20MHz



Port 1 
 Port 2 

Sum= Total Power
 PX=Port X

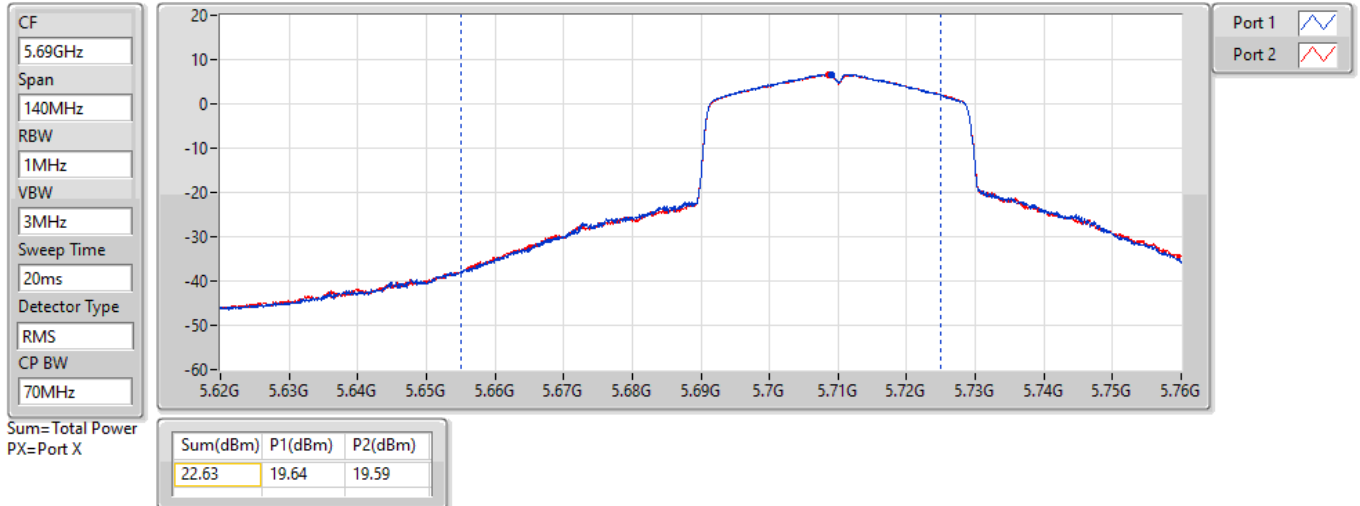
Sum(dBm)	P1(dBm)	P2(dBm)
12.44	9.24	9.62

802.11ax HEW40_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz_TnomVnom

20/05/2022

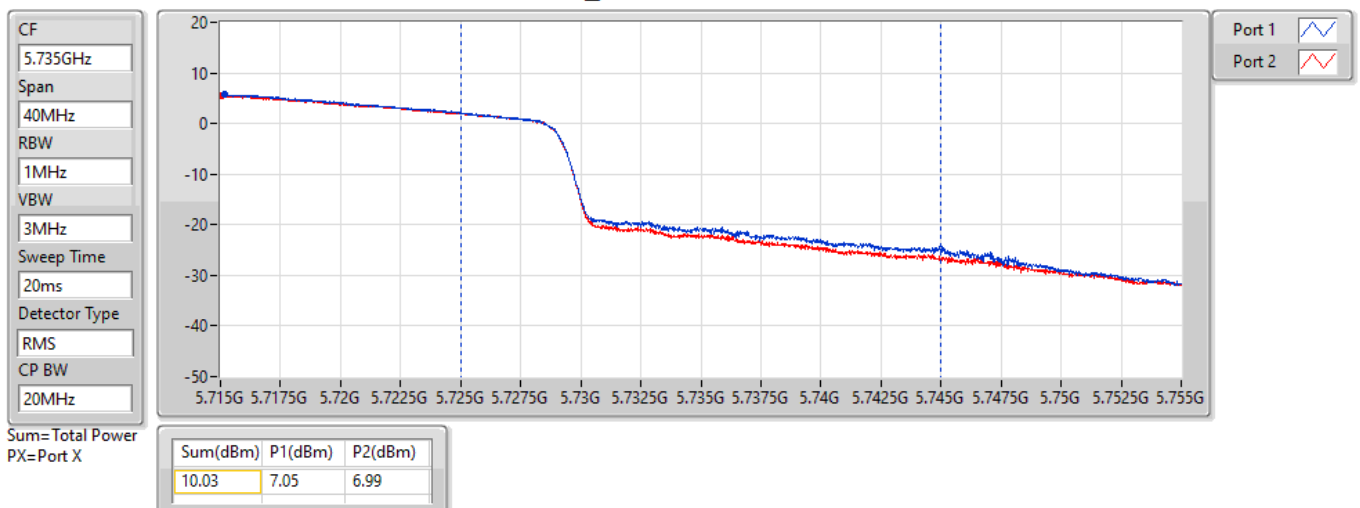


802.11ax HEW40_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TnomVnom

20/05/2022



802.11ax HEW80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TnomVnom

22/05/2022

CF
5.65GHz

Span
300MHz

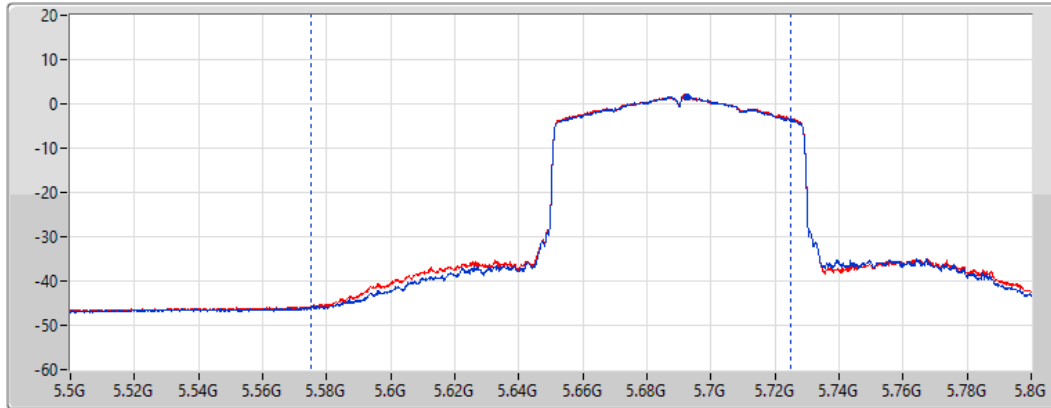
RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS

CP BW
150MHz



Port 1 

Port 2 

Sum= Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
20.73	17.68	17.76

802.11ax HEW80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TnomVnom

22/05/2022

CF
5.735GHz

Span
40MHz

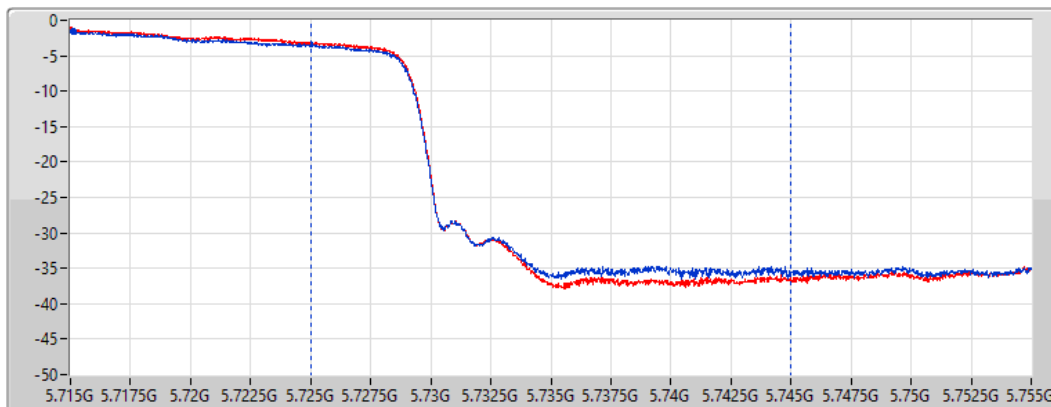
RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS

CP BW
20MHz



Port 1 

Port 2 

Sum= Total Power
PX=Port X

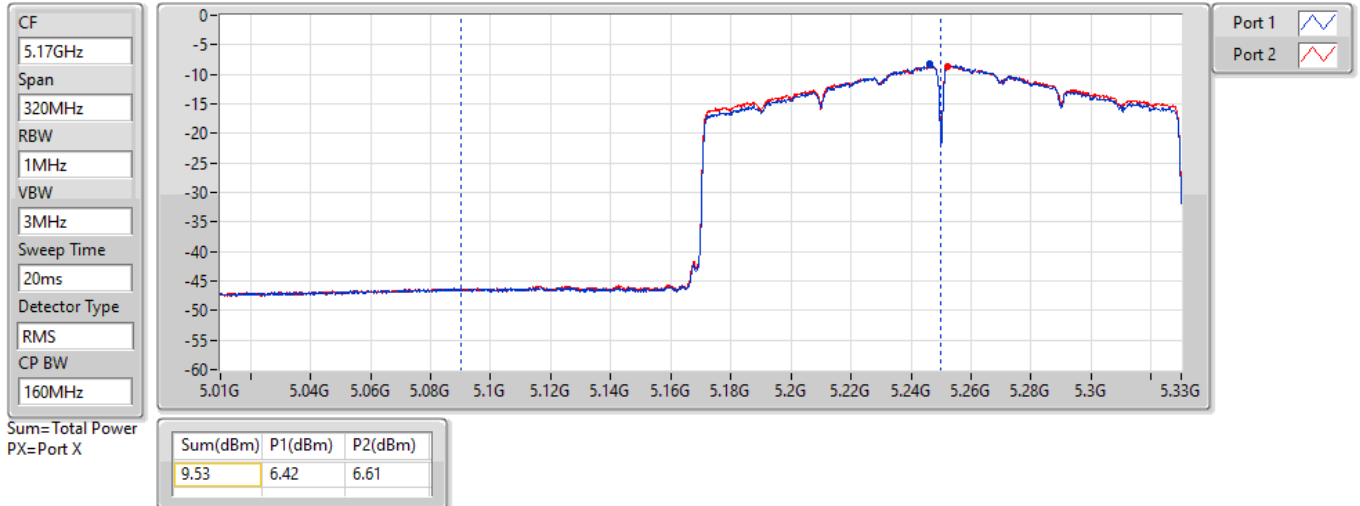
Sum(dBm)	P1(dBm)	P2(dBm)
4.89	1.66	2.08

802.11ax HEW160_Nss1,(MCS0)_2TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TnomVnom

20/05/2022

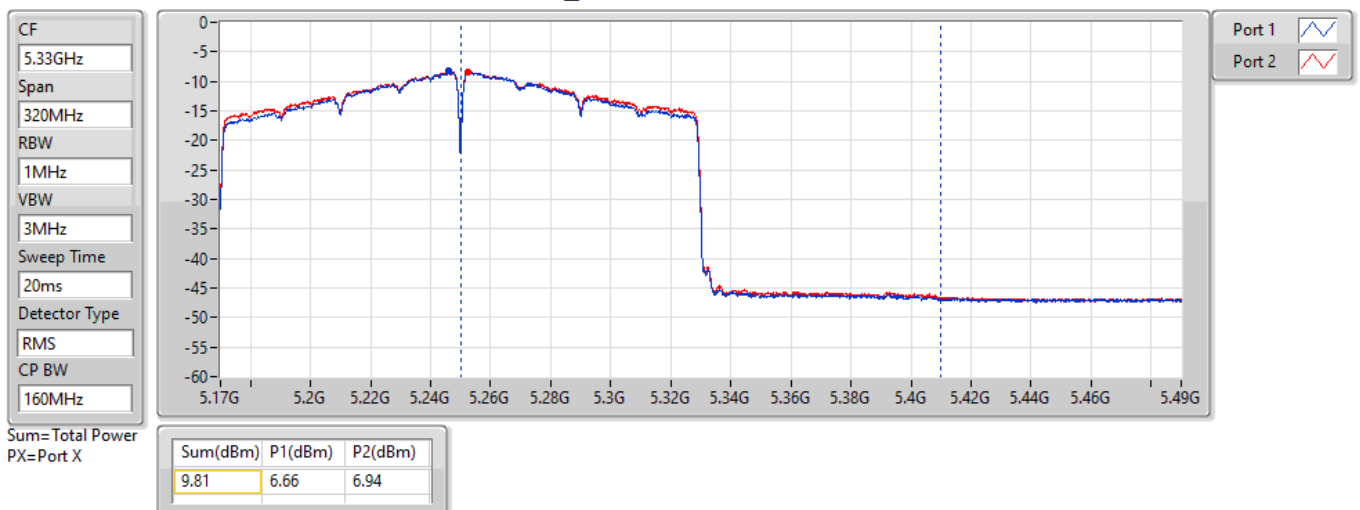


802.11ax HEW160_Nss1,(MCS0)_2TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TnomVnom

20/05/2022





Average Power
<Full RU> UNII1~UNII3_Beamforming Mode_2TX

Appendix C.3

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	20.07	0.10162
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	21.73	0.14894
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	16.26	0.04227
802.11ac VHT160-BF_Nss1,(MCS0)_2TX	9.19	0.00830
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.11	0.10257
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.76	0.14997
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	16.32	0.04285
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	9.53	0.00897
5.25-5.35GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	20.08	0.10186
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	21.75	0.14962
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	14.05	0.02541
802.11ac VHT160-BF_Nss1,(MCS0)_2TX	9.39	0.00869
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.42	0.11015
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.79	0.15101
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	14.23	0.02649
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	9.81	0.00957
5.47-5.725GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	20.16	0.10375
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	21.83	0.15241
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	20.43	0.11041
802.11ac VHT160-BF_Nss1,(MCS0)_2TX	13.12	0.02051
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.27	0.10641
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.90	0.15488
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	20.73	0.11830
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	13.29	0.02133
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	23.97	0.24946
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	24.26	0.26669
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	19.30	0.08511
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	24.02	0.25235
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	24.33	0.27102
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	19.35	0.08610



Average Power
<Full RU> UNII1~UNII3_Beamforming Mode_2TX

Appendix C.3

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	8.01	16.7	16.88	19.80	27.99
5200MHz	Pass	8.01	16.87	16.69	19.79	27.99
5240MHz	Pass	8.01	17.01	17.1	20.07	27.99
5260MHz	Pass	8.01	16.98	17.09	20.05	21.97
5300MHz	Pass	8.01	17.06	16.85	19.97	21.97
5320MHz	Pass	8.01	17.03	17.1	20.08	21.97
5500MHz	Pass	8.01	16.09	16.23	19.17	21.97
5580MHz	Pass	8.01	17.02	17.27	20.16	21.97
5700MHz	Pass	8.01	13.23	13.47	16.36	21.97
5720MHz Straddle 5.47-5.725GHz	Pass	8.01	16.67	16.74	19.72	21.97
5720MHz Straddle 5.725-5.85GHz	Pass	8.01	8.89	9.14	12.03	27.99
5745MHz	Pass	8.01	20.85	21.06	23.97	27.99
5785MHz	Pass	8.01	20.83	20.96	23.91	27.99
5825MHz	Pass	8.01	20.76	20.62	23.70	27.99
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	8.01	14.95	14.89	17.93	27.99
5230MHz	Pass	8.01	18.92	18.52	21.73	27.99
5270MHz	Pass	8.01	18.92	18.55	21.75	21.97
5310MHz	Pass	8.01	14.78	15.07	17.94	21.97
5510MHz	Pass	8.01	15.09	15.45	18.28	21.97
5550MHz	Pass	8.01	18.86	18.77	21.83	21.97
5670MHz	Pass	8.01	15.05	15.43	18.25	21.97
5710MHz Straddle 5.47-5.725GHz	Pass	8.01	18.73	18.65	21.70	21.97
5710MHz Straddle 5.725-5.85GHz	Pass	8.01	5.46	5.72	8.60	27.99
5755MHz	Pass	8.01	20.79	20.95	23.88	27.99
5795MHz	Pass	8.01	21.21	21.29	24.26	27.99
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	8.01	13.17	13.33	16.26	27.99
5290MHz	Pass	8.01	10.94	11.14	14.05	21.97
5530MHz	Pass	8.01	14.05	14.17	17.12	21.97
5610MHz	Pass	8.01	14.65	14.83	17.75	21.97
5690MHz Straddle 5.47-5.725GHz	Pass	8.01	17.4	17.43	20.43	21.97
5690MHz Straddle 5.725-5.85GHz	Pass	8.01	0.68	0.86	3.78	27.99
5775MHz	Pass	8.01	16.15	16.43	19.30	27.99
802.11ac VHT160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.01	6.04	6.32	9.19	27.99
5250MHz Straddle 5.25-5.35GHz	Pass	8.01	6.26	6.49	9.39	21.97
5570MHz	Pass	8.01	9.89	10.31	13.12	21.97
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	8.01	16.79	16.97	19.89	27.99
5200MHz	Pass	8.01	16.98	17.22	20.11	27.99
5240MHz	Pass	8.01	17.08	17.12	20.11	27.99
5260MHz	Pass	8.01	17.01	17.12	20.08	21.97
5300MHz	Pass	8.01	17.03	17.16	20.11	21.97
5320MHz	Pass	8.01	17.35	17.46	20.42	21.97
5500MHz	Pass	8.01	16.48	16.82	19.66	21.97
5580MHz	Pass	8.01	17.07	17.44	20.27	21.97
5700MHz	Pass	8.01	13.32	13.53	16.44	21.97
5720MHz Straddle 5.47-5.725GHz	Pass	8.01	16.59	16.95	19.78	21.97
5720MHz Straddle 5.725-5.85GHz	Pass	8.01	9.24	9.62	12.44	27.99
5745MHz	Pass	8.01	20.92	21.1	24.02	27.99
5785MHz	Pass	8.01	20.89	20.94	23.93	27.99
5825MHz	Pass	8.01	20.77	20.65	23.72	27.99
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-



Average Power
<Full RU> UNII1~UNII3_Beamforming Mode_2TX

Appendix C.3

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
5190MHz	Pass	8.01	14.93	15.06	18.01	27.99
5230MHz	Pass	8.01	18.94	18.55	21.76	27.99
5270MHz	Pass	8.01	18.92	18.64	21.79	21.97
5310MHz	Pass	8.01	14.88	15.14	18.02	21.97
5510MHz	Pass	8.01	15.26	15.58	18.43	21.97
5550MHz	Pass	8.01	18.95	18.82	21.90	21.97
5670MHz	Pass	8.01	15.09	15.45	18.28	21.97
5710MHz Straddle 5.47-5.725GHz	Pass	8.01	18.85	18.69	21.78	21.97
5710MHz Straddle 5.725-5.85GHz	Pass	8.01	6.15	6.28	9.23	27.99
5755MHz	Pass	8.01	21.13	21.18	24.17	27.99
5795MHz	Pass	8.01	21.38	21.25	24.33	27.99
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	8.01	13.19	13.42	16.32	27.99
5290MHz	Pass	8.01	11.17	11.26	14.23	21.97
5530MHz	Pass	8.01	14.06	14.2	17.14	21.97
5610MHz	Pass	8.01	14.67	14.87	17.78	21.97
5690MHz Straddle 5.47-5.725GHz	Pass	8.01	17.68	17.76	20.73	21.97
5690MHz Straddle 5.725-5.85GHz	Pass	8.01	1.66	2.08	4.89	27.99
5775MHz	Pass	8.01	16.28	16.4	19.35	27.99
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.01	6.42	6.61	9.53	27.99
5250MHz Straddle 5.25-5.35GHz	Pass	8.01	6.66	6.94	9.81	21.97
5570MHz	Pass	8.01	10.08	10.47	13.29	21.97

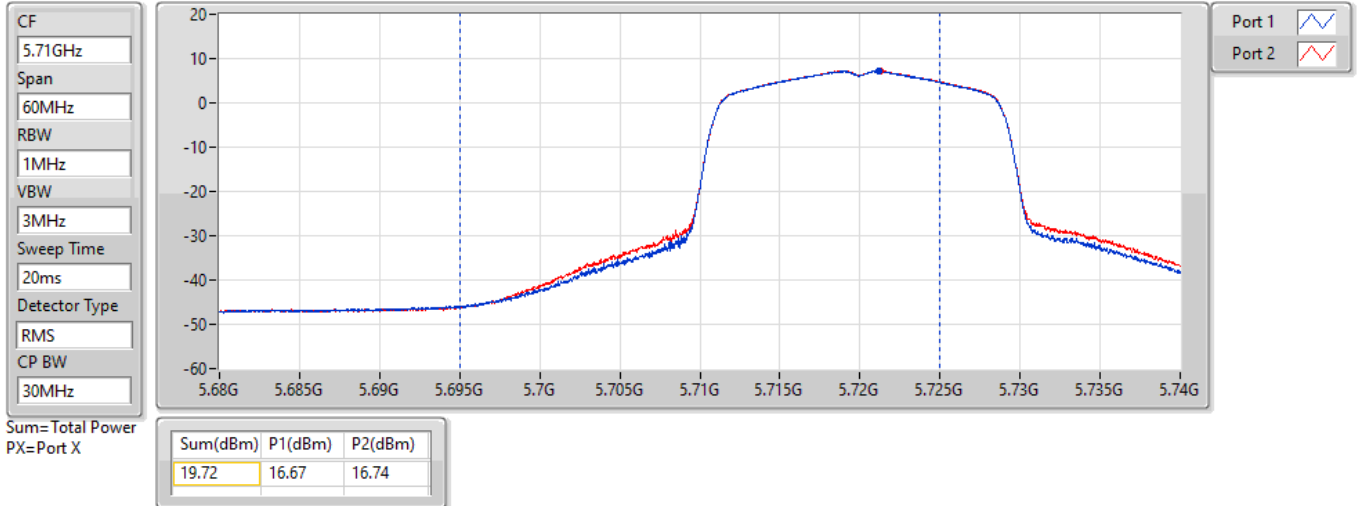
DG = Directional Gain; Port X = Port X output power

802.11ac VHT20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

20/05/2022

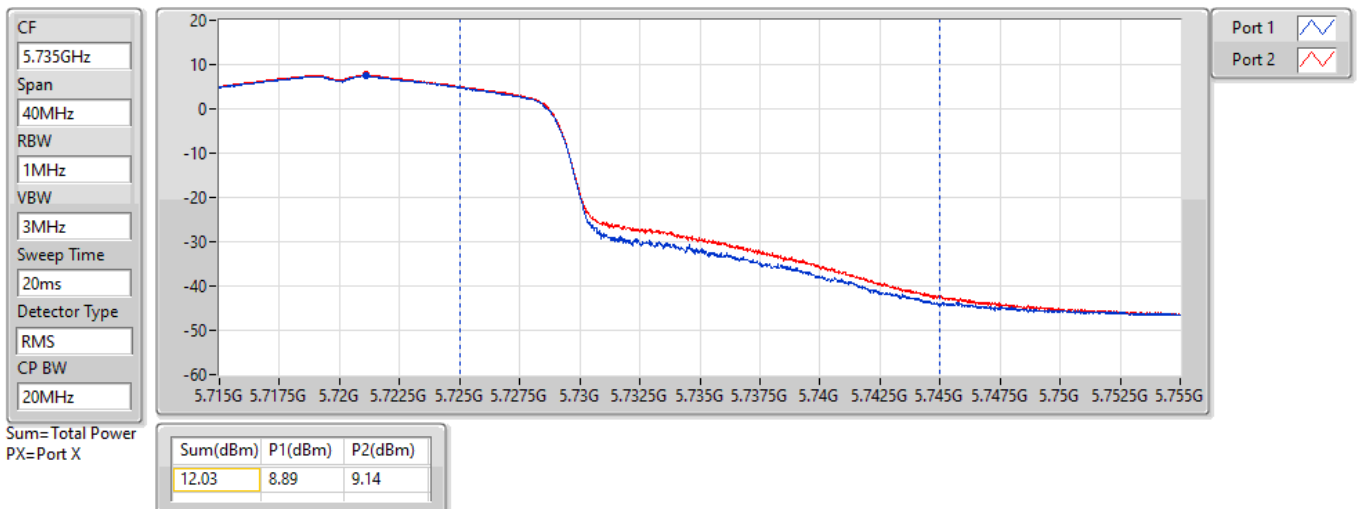


802.11ac VHT20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

20/05/2022

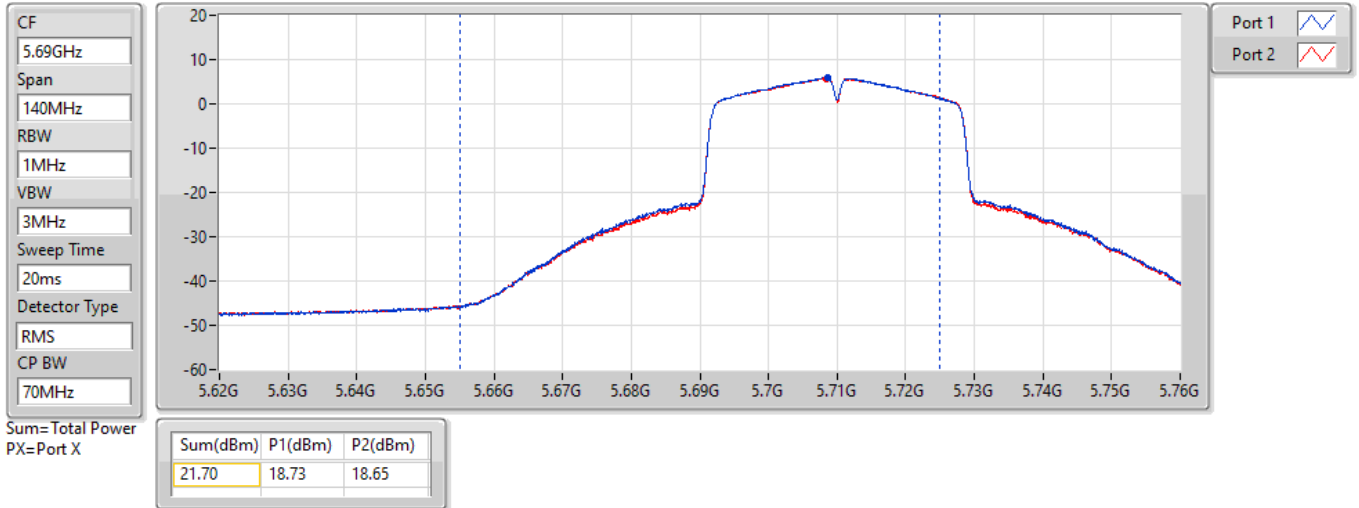


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz_TnomVnom

22/05/2022

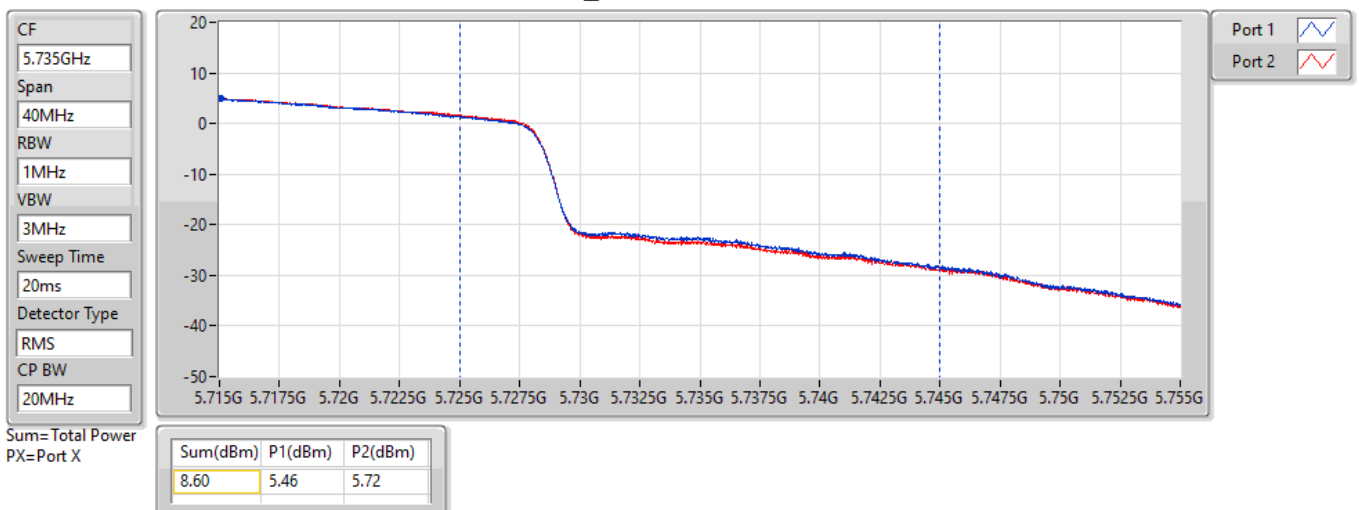


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TnomVnom

22/05/2022

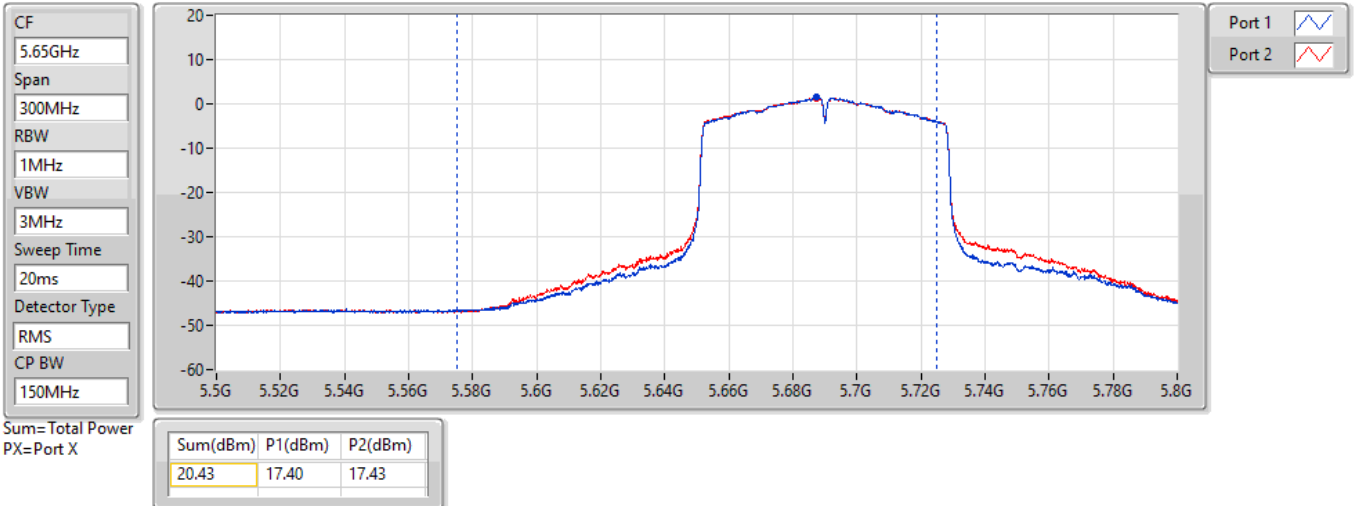


802.11ac VHT80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TnomVnom

22/05/2022

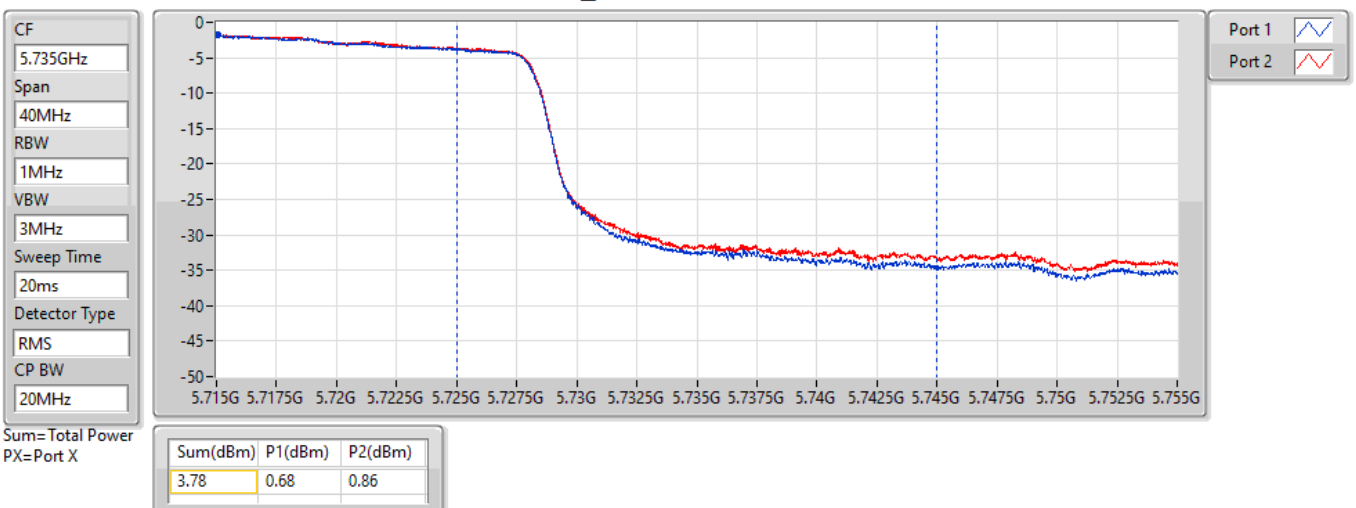


802.11ac VHT80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TnomVnom

22/05/2022

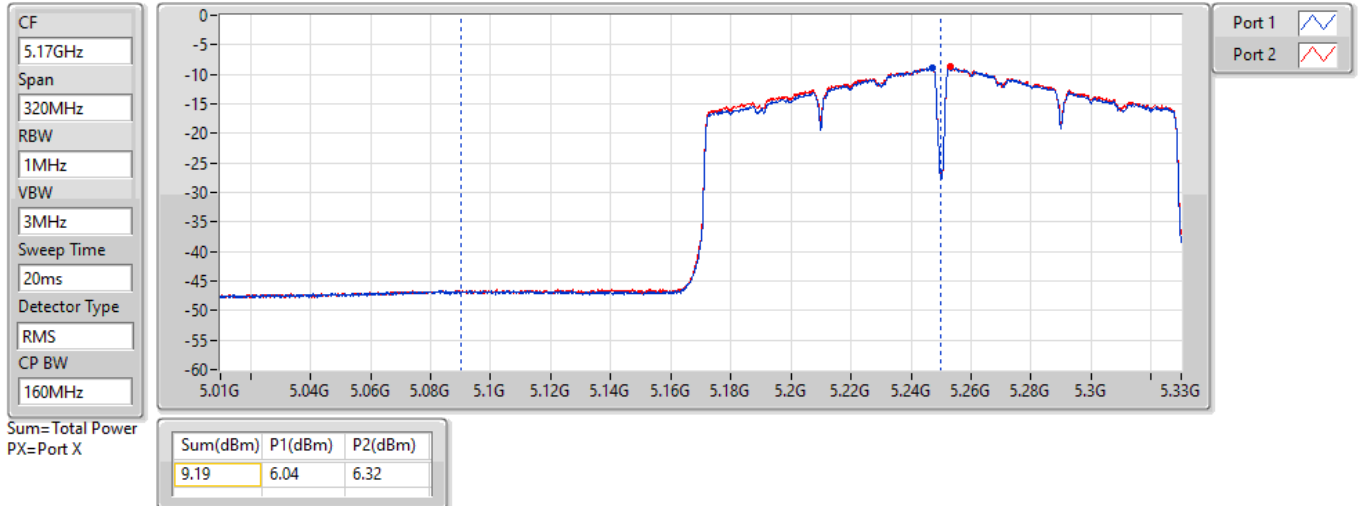


802.11ac VHT160_Nss1,(MCS0)_2TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TnomVnom

21/05/2022

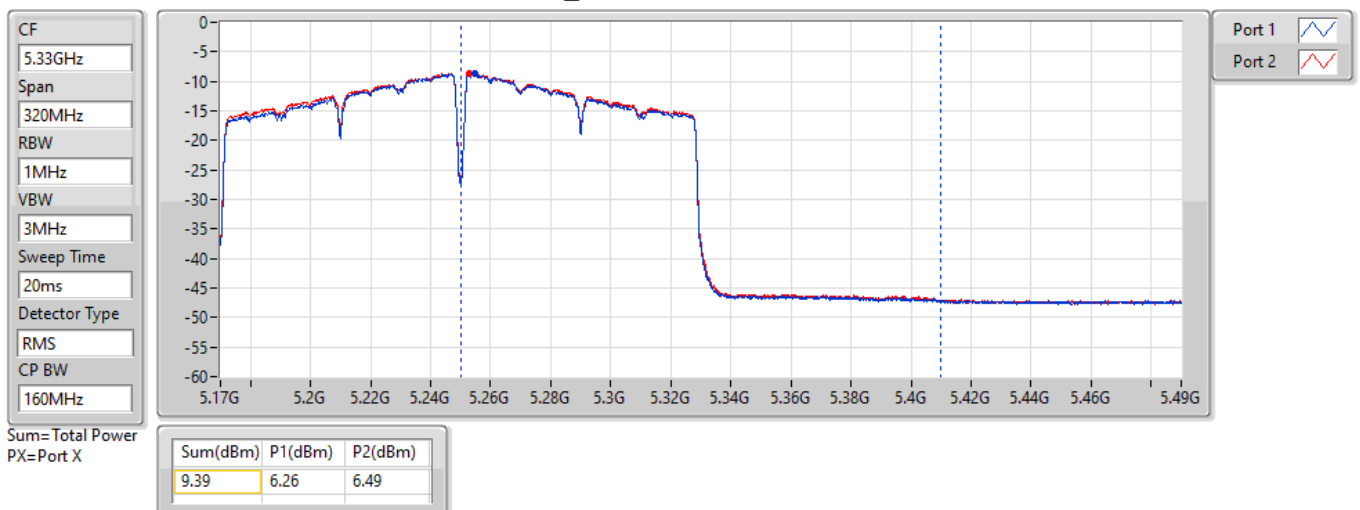


802.11ac VHT160_Nss1,(MCS0)_2TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TnomVnom

21/05/2022

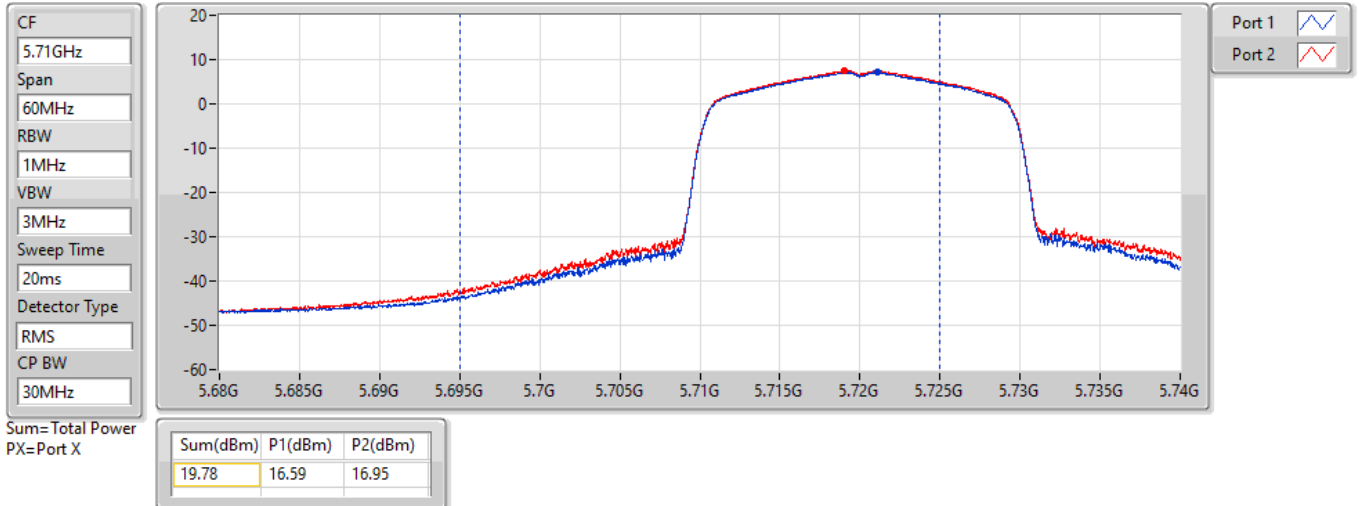


802.11ax HEW20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

20/05/2022

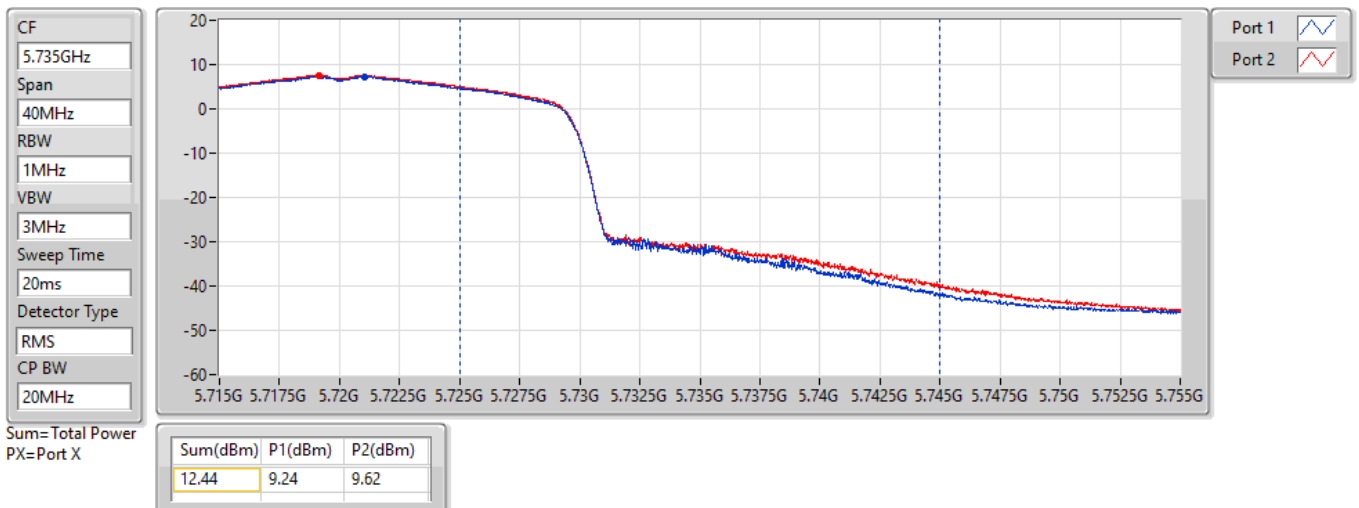


802.11ax HEW20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

20/05/2022

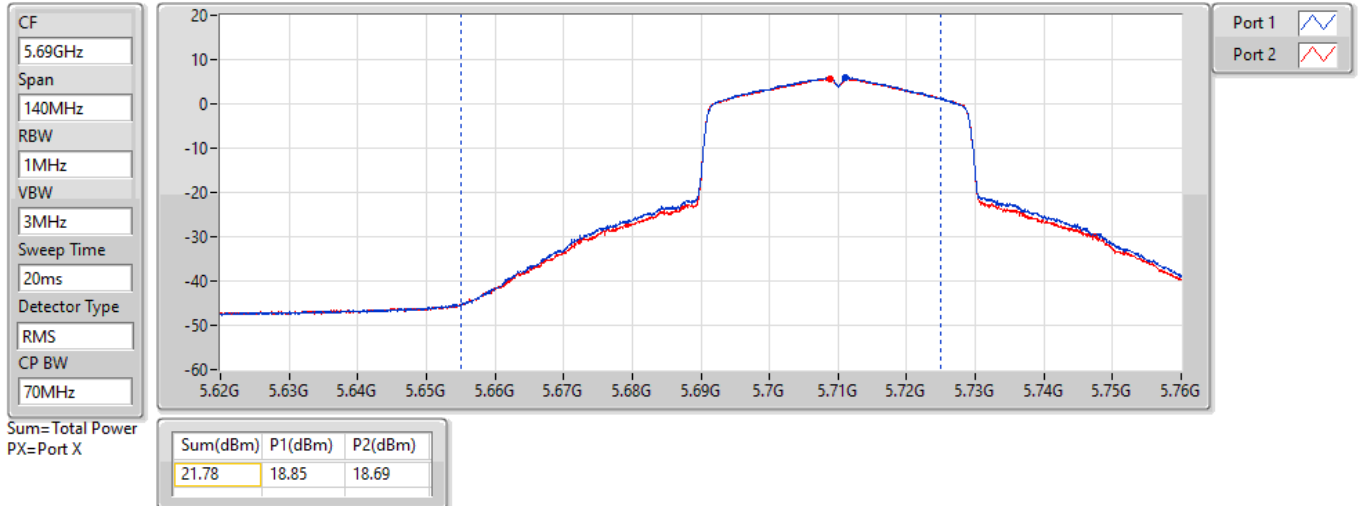


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz_TnomVnom

22/05/2022

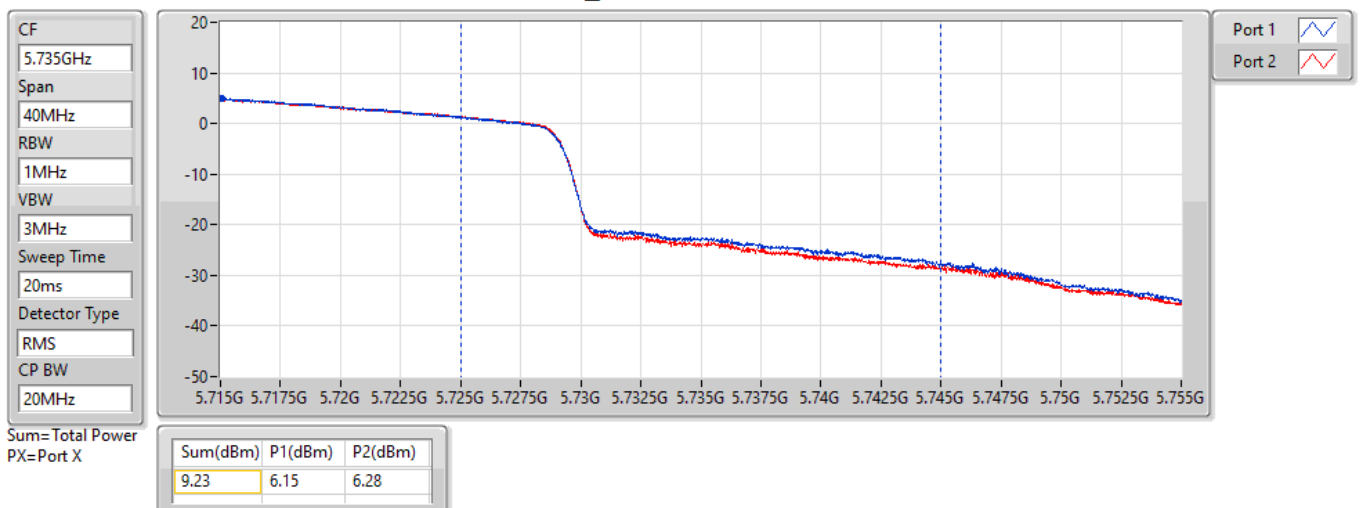


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TnomVnom

22/05/2022

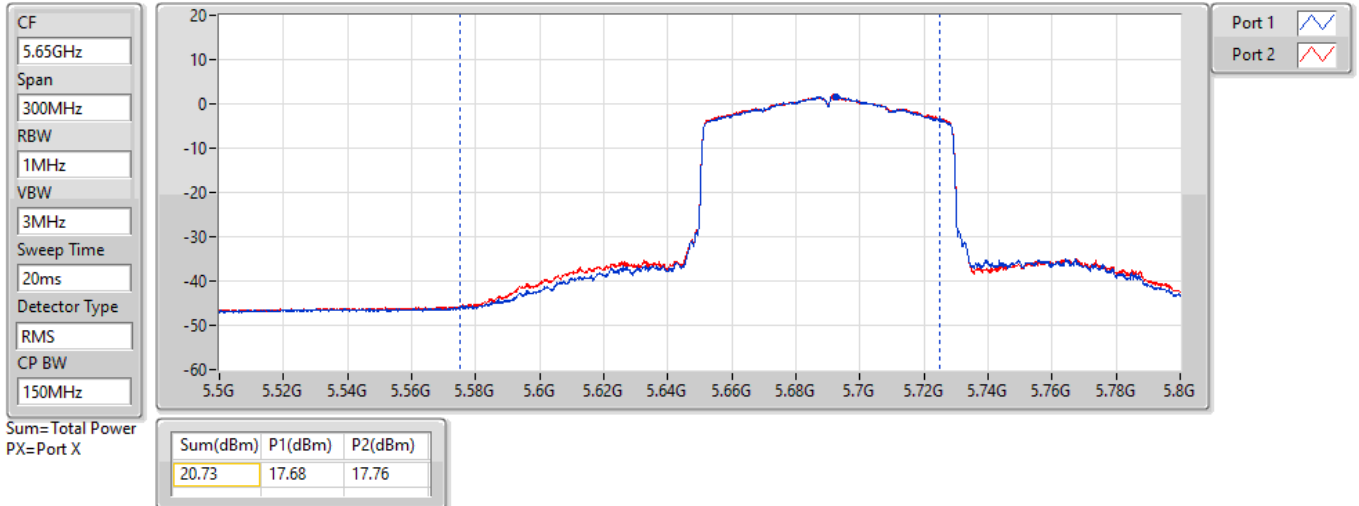


802.11ax HEW80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TnomVnom

22/05/2022

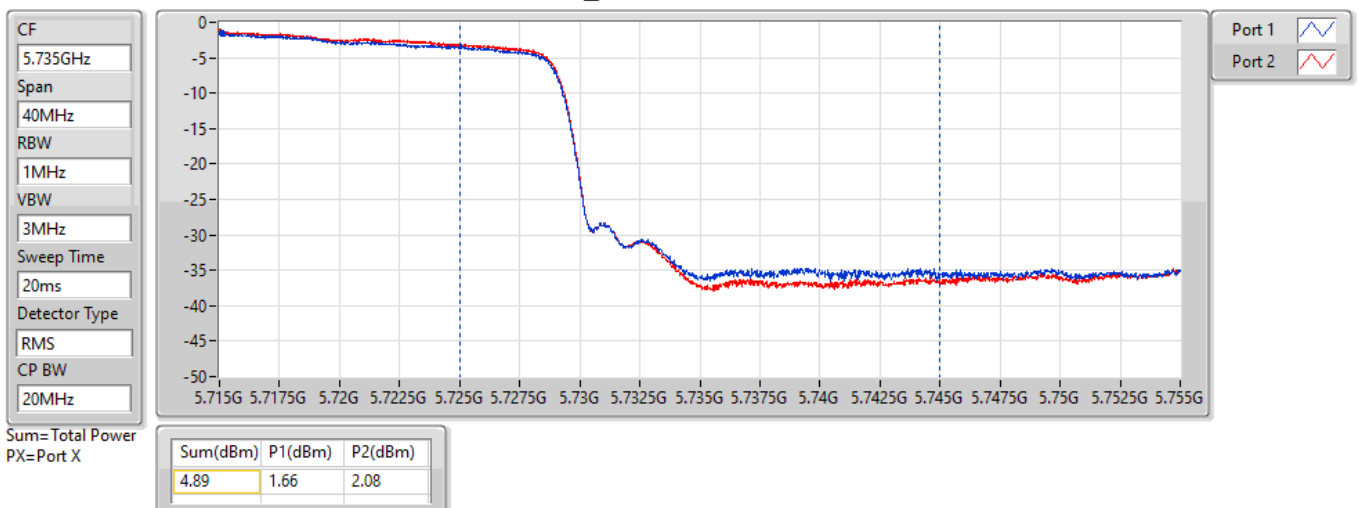


802.11ax HEW80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TnomVnom

22/05/2022

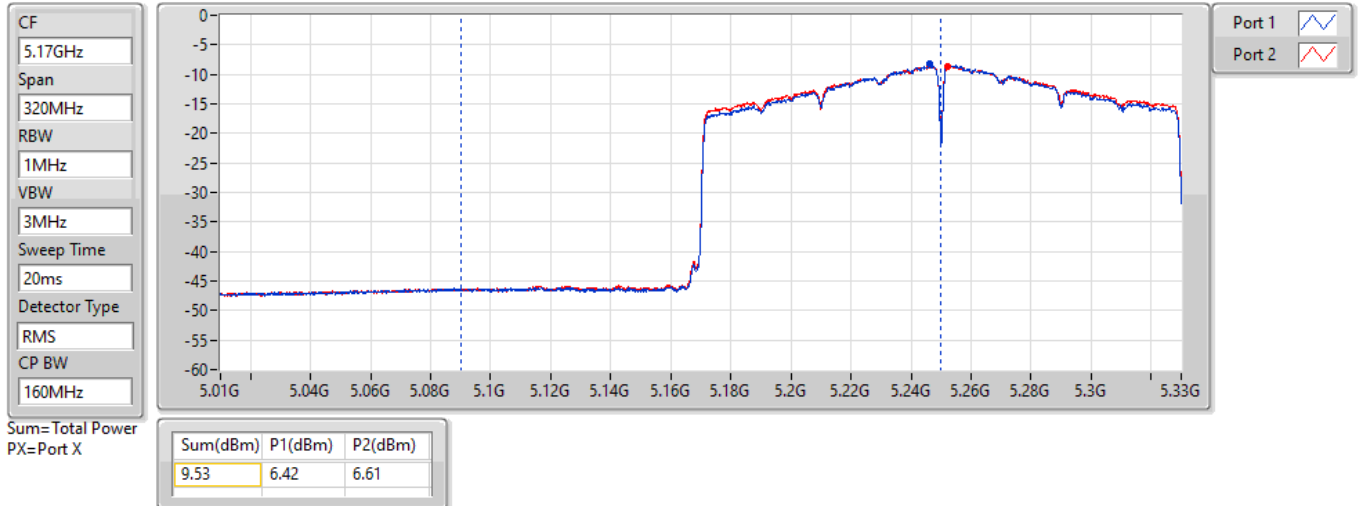


802.11ax HEW160_Nss1,(MCS0)_2TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TnomVnom

20/05/2022

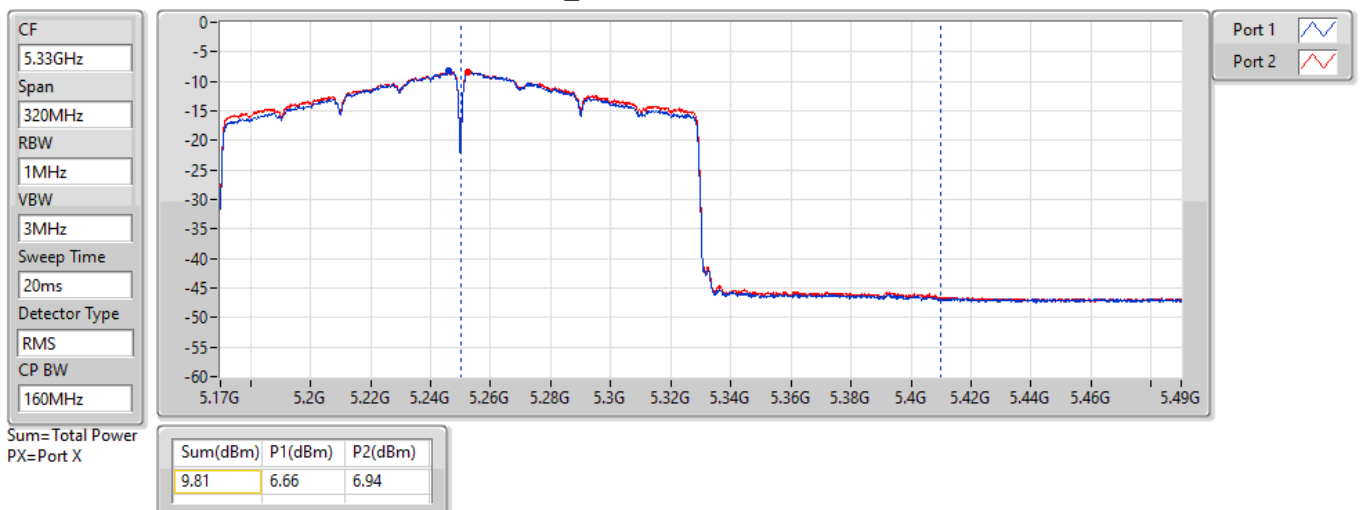


802.11ax HEW160_Nss1,(MCS0)_2TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TnomVnom

20/05/2022





Average Power
<Partial RU> UNII1~UNII3 RU 26 1TX

Appendix C.4

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	14.47	0.02799
5.25-5.35GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	14.61	0.02891
5.47-5.725GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	14.90	0.03090
5.725-5.85GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	17.75	0.05957



Average Power
<Partial RU> UNII1~UNII3 RU 26 1TX

Appendix C.4

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	5.00	14.47	14.47	30.00
5200MHz	Pass	5.00	14.41	14.41	30.00
5240MHz	Pass	5.00	14.39	14.39	30.00
5260MHz	Pass	5.00	14.55	14.55	23.98
5300MHz	Pass	5.00	14.61	14.61	23.98
5320MHz	Pass	5.00	14.6	14.60	23.98
5500MHz	Pass	5.00	14.64	14.64	23.98
5580MHz	Pass	5.00	14.69	14.69	23.98
5700MHz	Pass	5.00	12.55	12.55	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.00	14.9	14.90	23.98
5720MHz Straddle 5.725-5.85GHz	Pass	5.00	-12.12	-12.12	30.00
5745MHz	Pass	5.00	17.75	17.75	30.00
5785MHz	Pass	5.00	16.6	16.60	30.00
5825MHz	Pass	5.00	16.59	16.59	30.00

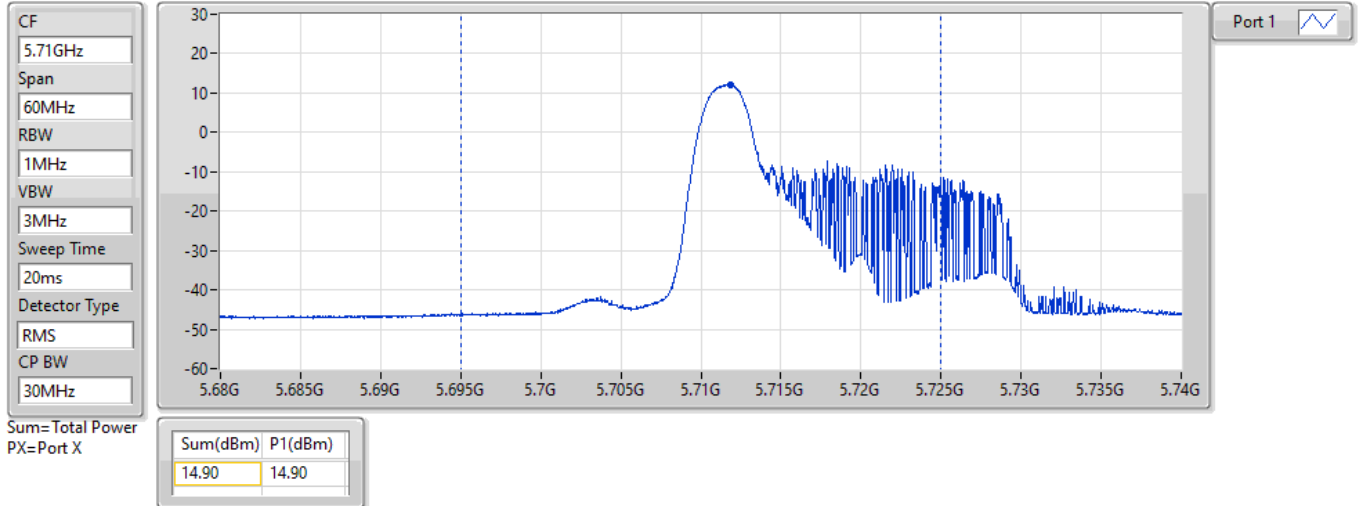
DG = Directional Gain; Port X = Port X output power

802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

21/05/2022

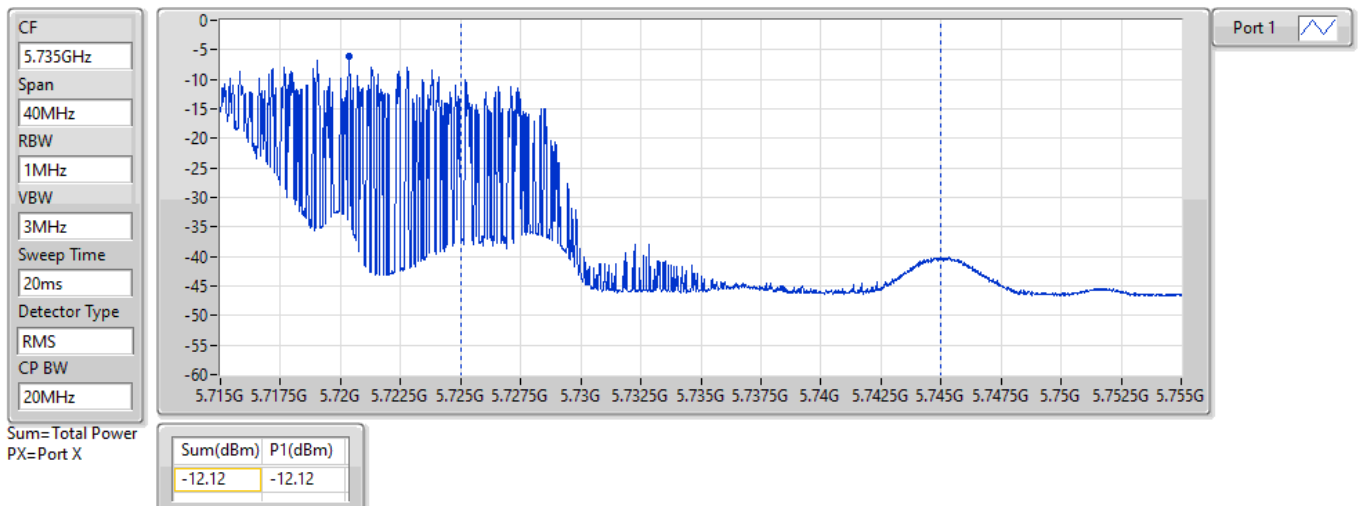


802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

21/05/2022





Average Power
<Partial RU> UNII1~UNII3 RU 26 2TX

Appendix C.5

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	12.52	0.01786
5.25-5.35GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	12.35	0.01718
5.47-5.725GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	13.10	0.02042
5.725-5.85GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	20.05	0.10116



Average Power
<Partial RU> UNII1~UNII3 RU 26 2TX

Appendix C.5

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	5.00	9.25	9.39	12.33	23.98
5200MHz	Pass	5.00	9.46	9.56	12.52	23.98
5240MHz	Pass	5.00	9.26	9.31	12.30	23.98
5260MHz	Pass	5.00	9.24	9.44	12.35	23.84
5300MHz	Pass	5.00	8.87	9.16	12.03	23.85
5320MHz	Pass	5.00	9.14	9.52	12.34	23.84
5500MHz	Pass	5.00	9.49	9.61	12.56	23.83
5580MHz	Pass	5.00	9.68	9.71	12.71	23.83
5700MHz	Pass	5.00	9.16	9.43	12.31	23.83
5720MHz Straddle 5.47-5.725GHz	Pass	5.00	9.93	10.24	13.10	22.80
5720MHz Straddle 5.725-5.85GHz	Pass	5.00	-16.30	-16.39	-13.33	30.00
5745MHz	Pass	5.00	16.90	17.18	20.05	30.00
5785MHz	Pass	5.00	15.86	16.14	19.01	30.00
5825MHz	Pass	5.00	15.44	15.89	18.68	30.00

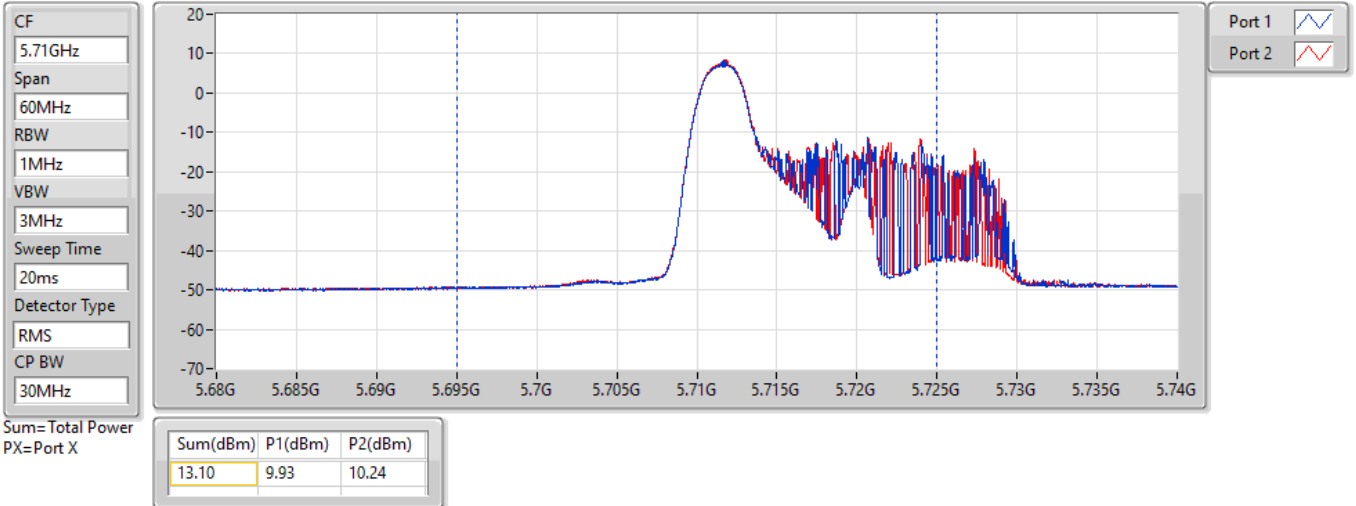
DG = Directional Gain; Port X = Port X output power

802.11ax HEW20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

21/05/2022

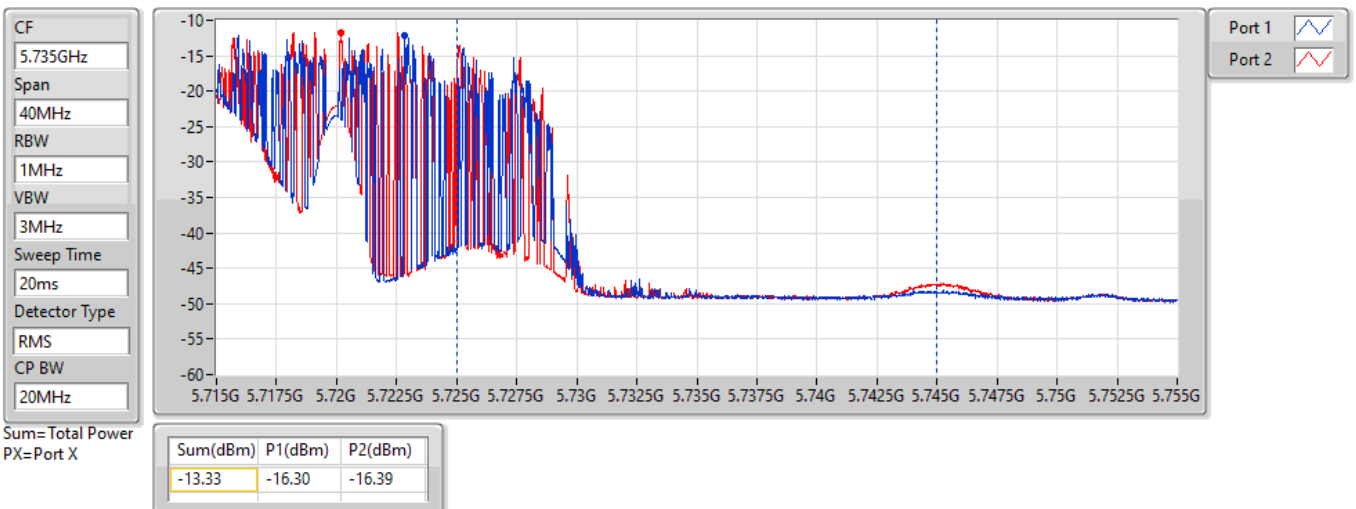


802.11ax HEW20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

21/05/2022





Average Power
<Partial RU> UNII1~UNII3 RU 52 1TX

Appendix C.6

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	17.52	0.05649
5.25-5.35GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	17.38	0.05470
5.47-5.725GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	18.05	0.06383
5.725-5.85GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	20.57	0.11402



Average Power
<Partial RU> UNII1~UNII3 RU 52 1TX

Appendix C.6

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	5.00	17.28	17.28	23.98
5200MHz	Pass	5.00	17.38	17.38	23.98
5240MHz	Pass	5.00	17.52	17.52	23.98
5260MHz	Pass	5.00	17.38	17.38	23.83
5300MHz	Pass	5.00	17.14	17.14	23.83
5320MHz	Pass	5.00	17.33	17.33	23.83
5500MHz	Pass	5.00	17.39	17.39	23.81
5580MHz	Pass	5.00	17.61	17.61	23.81
5700MHz	Pass	5.00	15.51	15.51	23.83
5720MHz Straddle 5.47-5.725GHz	Pass	5.00	18.05	18.05	22.74
5720MHz Straddle 5.725-5.85GHz	Pass	5.00	4.07	4.07	30.00
5745MHz	Pass	5.00	20.57	20.57	30.00
5785MHz	Pass	5.00	18.95	18.95	30.00
5825MHz	Pass	5.00	19.07	19.07	30.00

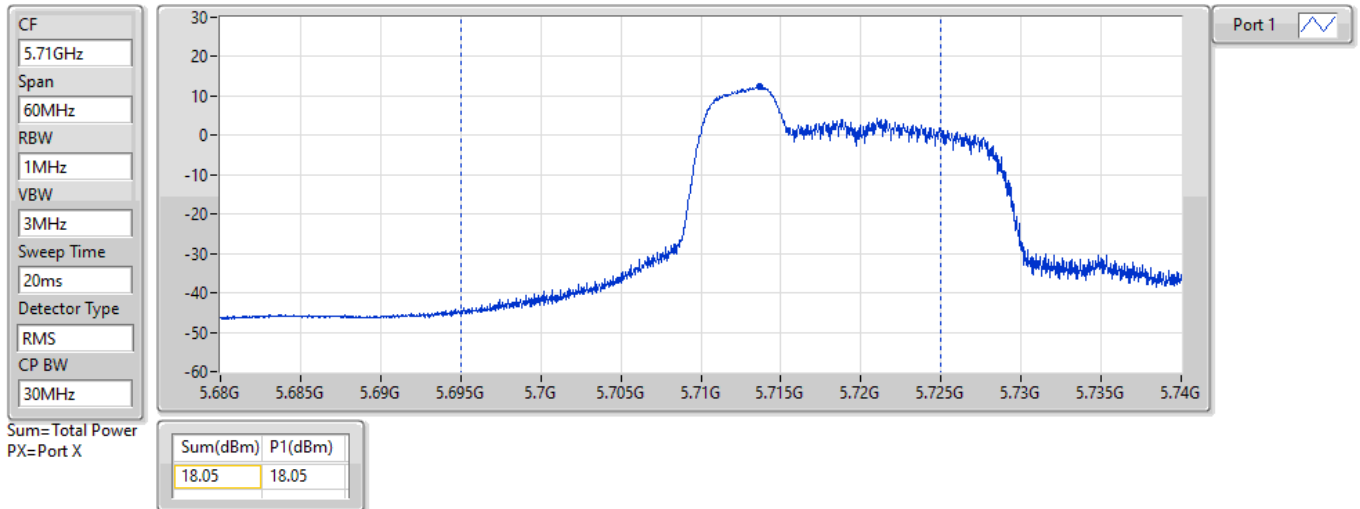
DG = Directional Gain; Port X = Port X output power

802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

21/05/2022

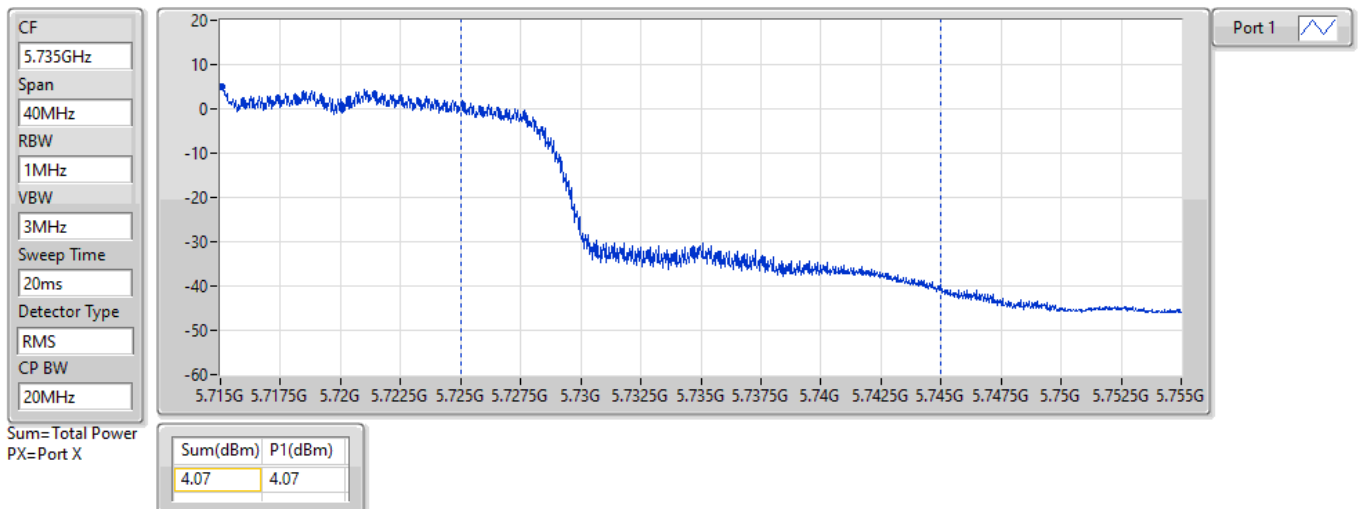


802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

21/05/2022





Average Power
<Partial RU> UNII1~UNII3 RU 52 2TX

Appendix C.7

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	16.09	0.04064
5.25-5.35GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	15.74	0.03750
5.47-5.725GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	15.97	0.03954
5.725-5.85GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	23.29	0.21330



Average Power
<Partial RU> UNII1~UNII3 RU 52 2TX

Appendix C.7

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	5.00	12.61	13.00	15.82	23.98
5200MHz	Pass	5.00	12.78	12.84	15.82	23.98
5240MHz	Pass	5.00	12.90	13.25	16.09	23.98
5260MHz	Pass	5.00	12.53	12.70	15.63	23.82
5300MHz	Pass	5.00	12.56	12.69	15.64	23.83
5320MHz	Pass	5.00	12.58	12.87	15.74	23.81
5500MHz	Pass	5.00	12.85	12.92	15.90	23.78
5580MHz	Pass	5.00	12.75	12.85	15.81	23.78
5700MHz	Pass	5.00	11.22	11.23	14.24	23.83
5720MHz Straddle 5.47-5.725GHz	Pass	5.00	12.80	13.11	15.97	22.74
5720MHz Straddle 5.725-5.85GHz	Pass	5.00	-1.29	-1.51	1.61	30.00
5745MHz	Pass	5.00	20.11	20.45	23.29	30.00
5785MHz	Pass	5.00	20.15	20.34	23.26	30.00
5825MHz	Pass	5.00	20.11	20.17	23.15	30.00

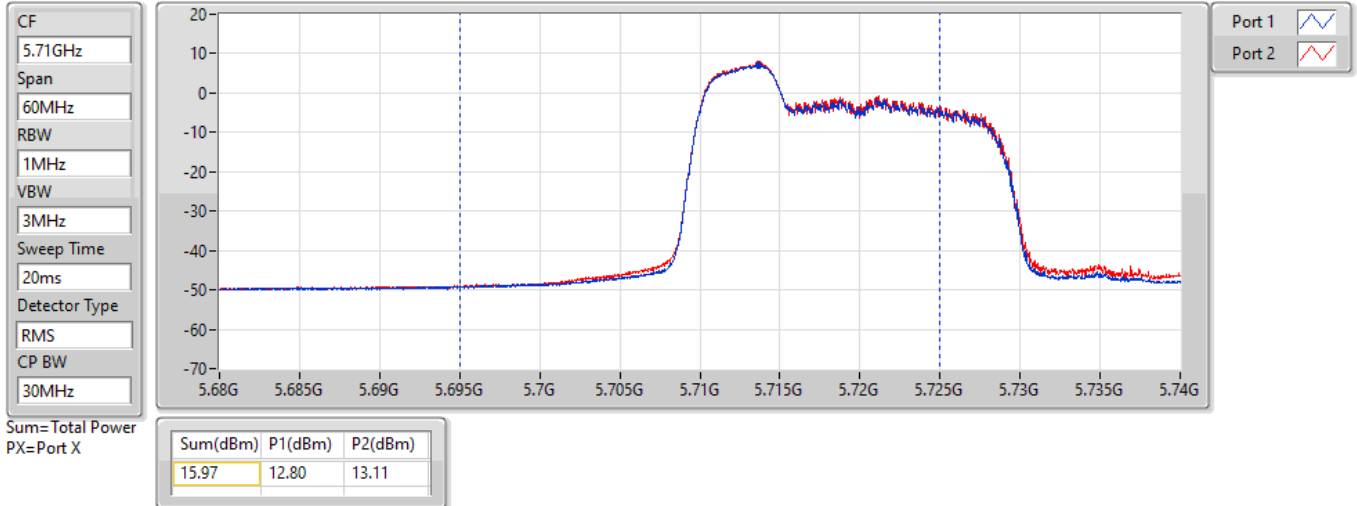
DG = Directional Gain; Port X = Port X output power

802.11ax HEW20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

21/05/2022

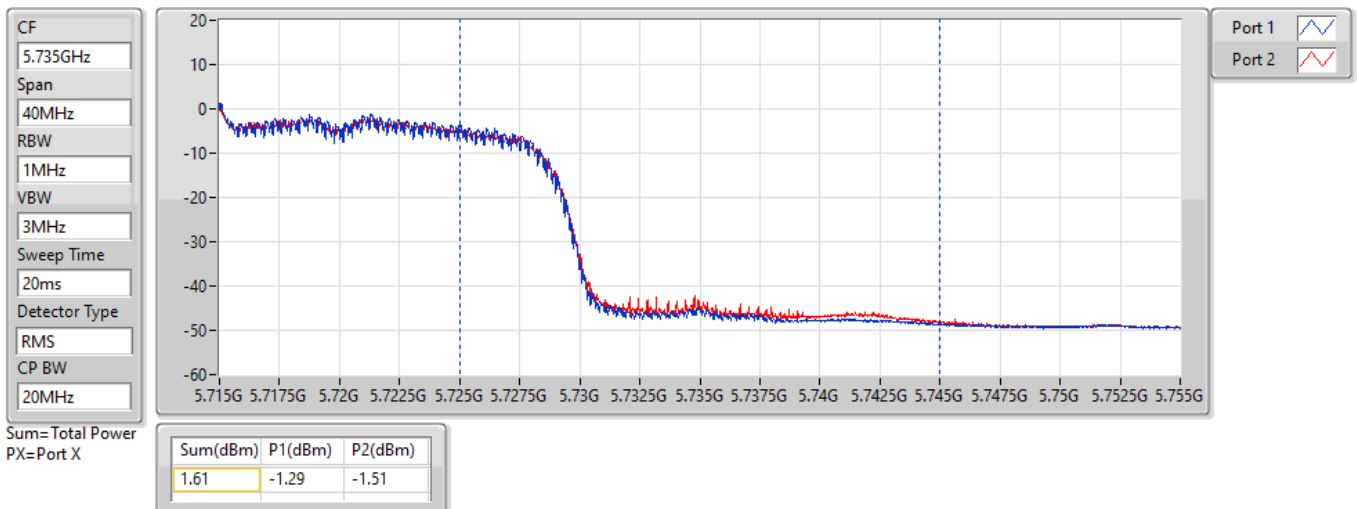


802.11ax HEW20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

21/05/2022





Average Power
<Partial RU> UNII1~UNII3 RU 106 1TX

Appendix C.8

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	18.85	0.07674
5.25-5.35GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	18.86	0.07691
5.47-5.725GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	19.36	0.08630
5.725-5.85GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	22.41	0.17418



Average Power
<Partial RU> UNII1~UNII3 RU 106 1TX

Appendix C.8

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	5.00	18.85	18.85	23.98
5200MHz	Pass	5.00	17.97	17.97	23.98
5240MHz	Pass	5.00	18.83	18.83	23.98
5260MHz	Pass	5.00	18.86	18.86	23.98
5300MHz	Pass	5.00	18.82	18.82	23.98
5320MHz	Pass	5.00	18.75	18.75	23.98
5500MHz	Pass	5.00	18.83	18.83	23.81
5580MHz	Pass	5.00	19.09	19.09	23.82
5700MHz	Pass	5.00	17.43	17.43	23.83
5720MHz Straddle 5.47-5.725GHz	Pass	5.00	19.36	19.36	22.71
5720MHz Straddle 5.725-5.85GHz	Pass	5.00	4.03	4.03	30.00
5745MHz	Pass	5.00	22.41	22.41	30.00
5785MHz	Pass	5.00	20.88	20.88	30.00
5825MHz	Pass	5.00	21.63	21.63	30.00

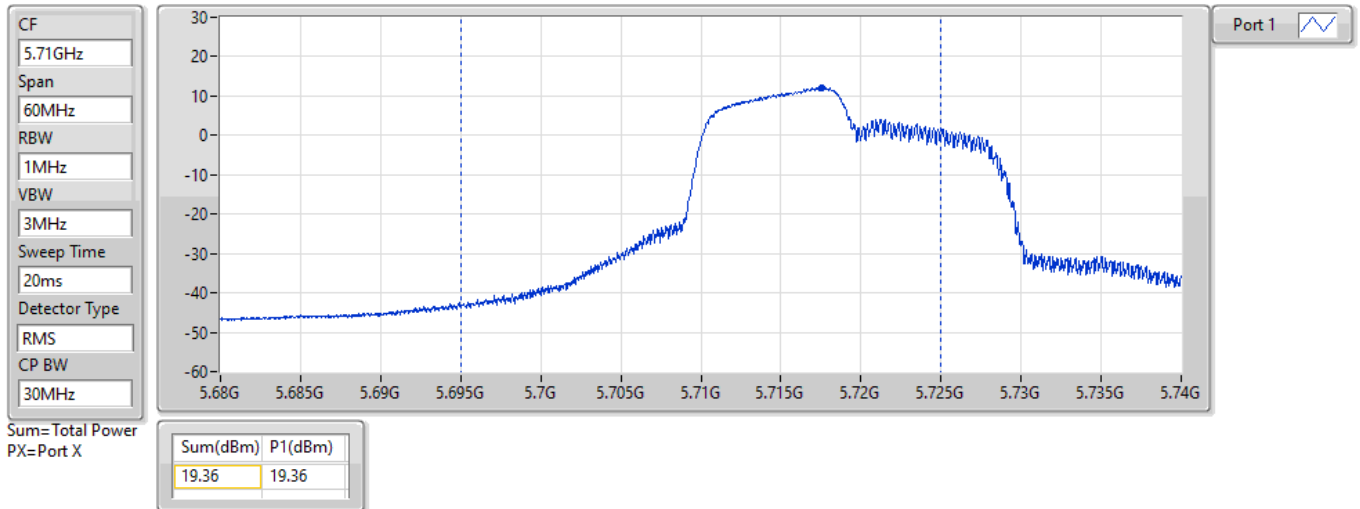
DG = Directional Gain; Port X = Port X output power

802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

22/05/2022

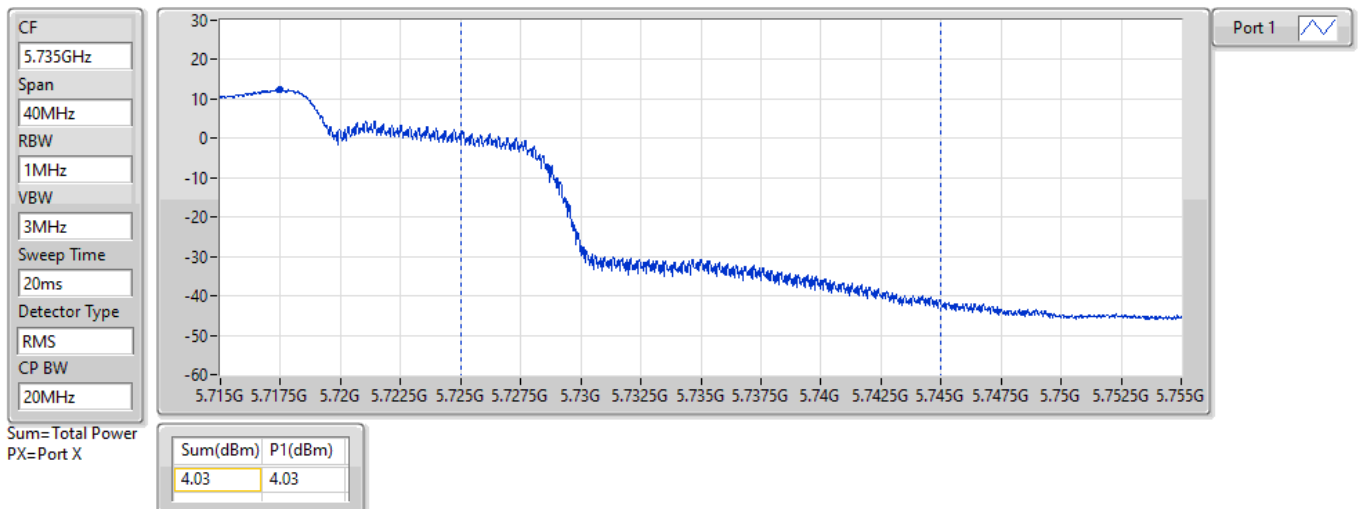


802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

22/05/2022





Average Power
<Partial RU> UNII1~UNII3 RU 106 2TX

Appendix C.9

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	17.32	0.05395
5.25-5.35GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	17.20	0.05248
5.47-5.725GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	17.59	0.05741
5.725-5.85GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	24.39	0.27479



Average Power
<Partial RU> UNII1~UNII3 RU 106 2TX

Appendix C.9

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	5.00	14.10	14.24	17.18	23.98
5200MHz	Pass	5.00	14.13	14.46	17.31	23.98
5240MHz	Pass	5.00	14.21	14.40	17.32	23.98
5260MHz	Pass	5.00	14.08	14.30	17.20	23.82
5300MHz	Pass	5.00	13.94	13.95	16.96	23.80
5320MHz	Pass	5.00	13.88	13.94	16.92	23.79
5500MHz	Pass	5.00	14.11	14.57	17.36	23.77
5580MHz	Pass	5.00	14.28	14.55	17.43	23.79
5700MHz	Pass	5.00	13.60	13.86	16.74	23.79
5720MHz Straddle 5.47-5.725GHz	Pass	5.00	14.42	14.73	17.59	22.71
5720MHz Straddle 5.725-5.85GHz	Pass	5.00	-0.97	-1.08	1.99	30.00
5745MHz	Pass	5.00	21.27	21.48	24.39	30.00
5785MHz	Pass	5.00	21.32	21.36	24.35	30.00
5825MHz	Pass	5.00	20.31	20.39	23.36	30.00

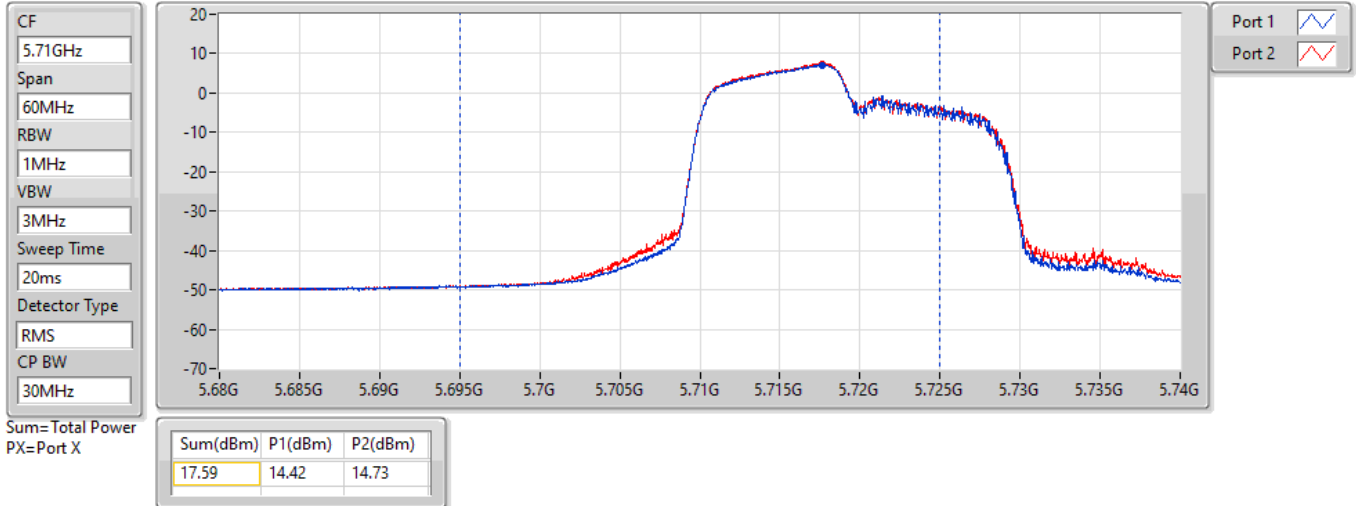
DG = Directional Gain; Port X = Port X output power

802.11ax HEW20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

21/05/2022

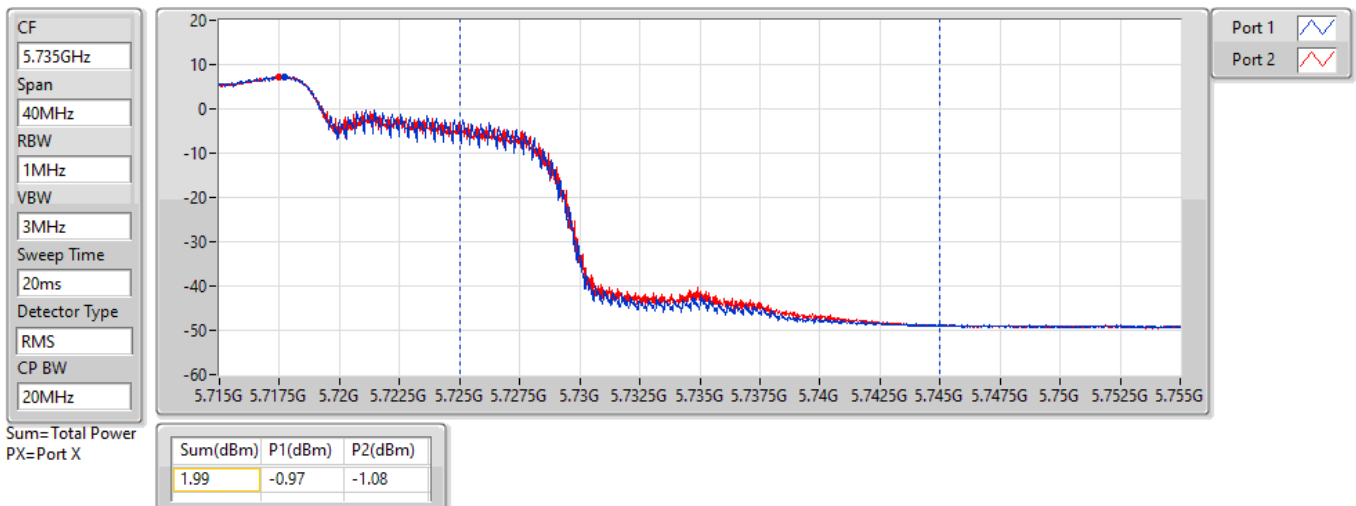


802.11ax HEW20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

21/05/2022





Average Power
<Full RU> UNII4_1TX

Appendix C.10

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.725-5.895GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	19.65	0.09226	24.65	0.29174
802.11ac VHT20_Nss1,(MCS0)_1TX	19.70	0.09333	24.70	0.29512
802.11ac VHT40_Nss1,(MCS0)_1TX	21.42	0.13868	26.42	0.43853
802.11ac VHT80_Nss1,(MCS0)_1TX	19.76	0.09462	24.76	0.29923
802.11ac VHT160_Nss1,(MCS0)_1TX	16.57	0.04539	21.57	0.14355
802.11ax HEW20_Nss1,(MCS0)_1TX	19.82	0.09594	24.82	0.30339
802.11ax HEW40_Nss1,(MCS0)_1TX	21.45	0.13964	26.45	0.44157
802.11ax HEW80_Nss1,(MCS0)_1TX	19.83	0.09616	24.83	0.30409
802.11ax HEW160_Nss1,(MCS0)_1TX	16.62	0.04592	21.62	0.14521

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
5845MHz	Pass	5.00	19.65	19.65	24.65	30.00
5865MHz	Pass	5.00	19.56	19.56	24.56	30.00
5885MHz	Pass	5.00	19.46	19.46	24.46	30.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5845MHz	Pass	5.00	19.67	19.67	24.67	30.00
5865MHz	Pass	5.00	19.65	19.65	24.65	30.00
5885MHz	Pass	5.00	19.70	19.70	24.70	30.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5835MHz	Pass	5.00	21.42	21.42	26.42	30.00
5875MHz	Pass	5.00	21.28	21.28	26.28	30.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5855MHz	Pass	5.00	19.76	19.76	24.76	30.00
802.11ac VHT160_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5815MHz	Pass	5.00	16.57	16.57	21.57	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5845MHz	Pass	5.00	19.82	19.82	24.82	30.00
5865MHz	Pass	5.00	19.69	19.69	24.69	30.00
5885MHz	Pass	5.00	19.78	19.78	24.78	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5835MHz	Pass	5.00	21.45	21.45	26.45	30.00
5875MHz	Pass	5.00	21.32	21.32	26.32	30.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5855MHz	Pass	5.00	19.83	19.83	24.83	30.00
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5815MHz	Pass	5.00	16.62	16.62	21.62	30.00

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



Average Power
<Full RU> UNII4_2TX

Appendix C.11

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.725-5.895GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.86	0.04853	21.86	0.15346
802.11ac VHT20_Nss1,(MCS0)_2TX	17.06	0.05082	22.06	0.16069
802.11ac VHT40_Nss1,(MCS0)_2TX	19.98	0.09954	24.98	0.31477
802.11ac VHT80_Nss1,(MCS0)_2TX	20.40	0.10965	25.40	0.34674
802.11ac VHT160_Nss1,(MCS0)_2TX	15.76	0.03767	20.76	0.11912
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	17.06	0.05082	25.07	0.32137
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	19.98	0.09954	27.99	0.62951
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	20.40	0.10965	28.41	0.69343
802.11ac VHT160-BF_Nss1,(MCS0)_2TX	15.76	0.03767	23.77	0.23823
802.11ax HEW20_Nss1,(MCS0)_2TX	17.10	0.05129	22.10	0.16218
802.11ax HEW40_Nss1,(MCS0)_2TX	20.12	0.10280	25.12	0.32509
802.11ax HEW80_Nss1,(MCS0)_2TX	20.46	0.11117	25.46	0.35156
802.11ax HEW160_Nss1,(MCS0)_2TX	15.80	0.03802	20.80	0.12023
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	17.10	0.05129	25.11	0.32434
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	20.12	0.10280	28.13	0.65013
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	20.46	0.11117	28.47	0.70307
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	15.80	0.03802	23.81	0.24044

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-
5845MHz	Pass	5.00	13.78	13.91	16.86	21.86	30.00
5865MHz	Pass	5.00	13.62	13.90	16.77	21.77	30.00
5885MHz	Pass	5.00	13.64	13.91	16.79	21.79	30.00
802.11ac_VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5845MHz	Pass	5.00	13.73	13.84	16.80	21.80	30.00
5865MHz	Pass	5.00	13.91	14.18	17.06	22.06	30.00
5885MHz	Pass	5.00	13.67	13.89	16.79	21.79	30.00
802.11ac_VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5835MHz	Pass	5.00	16.78	17.15	19.98	24.98	30.00
5875MHz	Pass	5.00	16.72	16.81	19.78	24.78	30.00
802.11ac_VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5855MHz	Pass	5.00	17.25	17.52	20.40	25.40	30.00
802.11ac_VHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5815MHz	Pass	5.00	12.63	12.87	15.76	20.76	30.00
802.11ac_VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5845MHz	Pass	8.01	13.73	13.84	16.80	24.81	30.00
5865MHz	Pass	8.01	13.91	14.18	17.06	25.07	30.00
5885MHz	Pass	8.01	13.67	13.89	16.79	24.80	30.00
802.11ac_VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5835MHz	Pass	8.01	16.78	17.15	19.98	27.99	30.00
5875MHz	Pass	8.01	16.72	16.81	19.78	27.79	30.00
802.11ac_VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5855MHz	Pass	8.01	17.25	17.52	20.40	28.41	30.00
802.11ac_VHT160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5815MHz	Pass	8.01	12.63	12.87	15.76	23.77	30.00
802.11ax_HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5845MHz	Pass	5.00	13.79	14.03	16.92	21.92	30.00
5865MHz	Pass	5.00	13.95	14.23	17.10	22.10	30.00
5885MHz	Pass	5.00	13.8	14.06	16.94	21.94	30.00
802.11ax_HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5835MHz	Pass	5.00	16.96	17.26	20.12	25.12	30.00
5875MHz	Pass	5.00	16.74	16.93	19.85	24.85	30.00
802.11ax_HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5855MHz	Pass	5.00	17.34	17.56	20.46	25.46	30.00
802.11ax_HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5815MHz	Pass	5.00	12.66	12.91	15.80	20.80	30.00
802.11ax_HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5845MHz	Pass	8.01	13.79	14.03	16.92	24.93	30.00
5865MHz	Pass	8.01	13.95	14.23	17.10	25.11	30.00
5885MHz	Pass	8.01	13.8	14.06	16.94	24.95	30.00
802.11ax_HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5835MHz	Pass	8.01	16.96	17.26	20.12	28.13	30.00
5875MHz	Pass	8.01	16.74	16.93	19.85	27.86	30.00
802.11ax_HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5855MHz	Pass	8.01	17.34	17.56	20.46	28.47	30.00
802.11ax_HEW160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5815MHz	Pass	8.01	12.66	12.91	15.80	23.81	30.00

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



Average Power
<Partial RU> UNII 4_RU 26_1TX

Appendix C.12

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.725-5.895GHz	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	13.36	0.02168	18.36	0.06855



Average Power
<Partial RU> UNII 4_RU 26_1TX

Appendix C.12

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5845MHz	Pass	5.00	13.36	13.36	18.36	30.00
5865MHz	Pass	5.00	12.90	12.90	17.90	30.00
5885MHz	Pass	5.00	10.42	10.42	15.42	30.00

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



Average Power
<Partial RU> UNII 4_RU 26_2TX

Appendix C.13

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.725-5.895GHz	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	9.96	0.00991	14.96	0.03133



Average Power
<Partial RU> UNII 4_RU 26_2TX

Appendix C.13

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5845MHz	Pass	5.00	6.76	7.13	9.96	14.96	30.00
5865MHz	Pass	5.00	6.73	6.97	9.86	14.86	30.00
5885MHz	Pass	5.00	3.45	3.79	6.63	11.63	30.00

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



Average Power
<Partial RU> UNII 4_RU 52_1TX

Appendix C.14

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.725-5.895GHz	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	16.11	0.04083	21.11	0.12912



Average Power
<Partial RU> UNII 4_RU 52_1TX

Appendix C.14

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5845MHz	Pass	5.00	15.91	15.91	20.91	30.00
5865MHz	Pass	5.00	16.11	16.11	21.11	30.00
5885MHz	Pass	5.00	15.99	15.99	20.99	30.00

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



Average Power
<Partial RU> UNII 4_RU 52_2TX

Appendix C.15

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.725-5.895GHz	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	13.35	0.02163	18.35	0.06839



Average Power
<Partial RU> UNII 4_RU 52_2TX

Appendix C.15

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5845MHz	Pass	5.00	10.27	10.41	13.35	18.35	30.00
5865MHz	Pass	5.00	10.17	10.29	13.24	18.24	30.00
5885MHz	Pass	5.00	9.12	9.42	12.28	17.28	30.00

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



Average Power
<Partial RU> UNII 4_RU 106_1TX

Appendix C.16

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.725-5.895GHz	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	17.88	0.06138	22.88	0.19409



Average Power
<Partial RU> UNII 4_RU 106_1TX

Appendix C.16

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5845MHz	Pass	5.00	17.88	17.88	22.88	30.00
5865MHz	Pass	5.00	17.66	17.66	22.66	30.00
5885MHz	Pass	5.00	17.74	17.74	22.74	30.00

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



Average Power
<Partial RU> UNII 4_RU 106_2TX

Appendix C.17

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.725-5.895GHz	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	14.77	0.02999	19.77	0.09484



Average Power
<Partial RU> UNII 4_RU 106_2TX

Appendix C.17

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5845MHz	Pass	5.00	11.51	11.99	14.77	19.77	30.00
5865MHz	Pass	5.00	11.53	11.73	14.64	19.64	30.00
5885MHz	Pass	5.00	11.32	11.66	14.50	19.50	30.00

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

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_1TX	10.95
802.11ax HEW20_Nss1,(MCS0)_1TX	10.90
802.11ax HEW40_Nss1,(MCS0)_1TX	6.66
802.11ax HEW80_Nss1,(MCS0)_1TX	0.04
802.11ax HEW160_Nss1,(MCS0)_1TX	-6.87
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_1TX	10.83
802.11ax HEW20_Nss1,(MCS0)_1TX	10.35
802.11ax HEW40_Nss1,(MCS0)_1TX	6.85
802.11ax HEW80_Nss1,(MCS0)_1TX	-1.06
802.11ax HEW160_Nss1,(MCS0)_1TX	-6.71
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_1TX	10.93
802.11ax HEW20_Nss1,(MCS0)_1TX	10.76
802.11ax HEW40_Nss1,(MCS0)_1TX	7.24
802.11ax HEW80_Nss1,(MCS0)_1TX	3.36
802.11ax HEW160_Nss1,(MCS0)_1TX	-7.00
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	9.96
802.11ax HEW20_Nss1,(MCS0)_1TX	9.65
802.11ax HEW40_Nss1,(MCS0)_1TX	5.96
802.11ax HEW80_Nss1,(MCS0)_1TX	1.58

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	-	-	-	-	-
5180MHz	Pass	4.86	10.92	10.92	11.00
5200MHz	Pass	4.86	10.95	10.95	11.00
5240MHz	Pass	4.86	10.60	10.60	11.00
5260MHz	Pass	4.86	10.57	10.57	11.00
5300MHz	Pass	4.86	10.83	10.83	11.00
5320MHz	Pass	4.86	9.25	9.25	11.00
5500MHz	Pass	4.86	9.51	9.51	11.00
5580MHz	Pass	4.86	10.77	10.77	11.00
5700MHz	Pass	4.86	6.62	6.62	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.86	10.93	10.93	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.86	6.83	6.83	30.00
5745MHz	Pass	4.86	9.96	9.96	30.00
5785MHz	Pass	4.86	9.93	9.93	30.00
5825MHz	Pass	4.86	9.88	9.88	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	4.86	10.87	10.87	11.00
5200MHz	Pass	4.86	10.90	10.90	11.00
5240MHz	Pass	4.86	10.28	10.28	11.00
5260MHz	Pass	4.86	10.31	10.31	11.00
5300MHz	Pass	4.86	10.35	10.35	11.00
5320MHz	Pass	4.86	8.77	8.77	11.00
5500MHz	Pass	4.86	8.23	8.23	11.00
5580MHz	Pass	4.86	10.45	10.45	11.00
5700MHz	Pass	4.86	4.63	4.63	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.86	10.76	10.76	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.86	6.73	6.73	30.00
5745MHz	Pass	4.86	9.65	9.65	30.00
5785MHz	Pass	4.86	9.56	9.56	30.00
5825MHz	Pass	4.86	9.42	9.42	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	4.86	4.76	4.76	11.00
5230MHz	Pass	4.86	6.66	6.66	11.00
5270MHz	Pass	4.86	6.85	6.85	11.00
5310MHz	Pass	4.86	4.18	4.18	11.00
5510MHz	Pass	4.86	4.48	4.48	11.00
5550MHz	Pass	4.86	7.24	7.24	11.00
5670MHz	Pass	4.86	4.03	4.03	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	4.86	7.07	7.07	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.86	1.00	1.00	30.00
5755MHz	Pass	4.86	5.55	5.55	30.00
5795MHz	Pass	4.86	5.96	5.96	30.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	4.86	0.04	0.04	11.00
5290MHz	Pass	4.86	-1.06	-1.06	11.00
5530MHz	Pass	4.86	0.68	0.68	11.00
5610MHz	Pass	4.86	0.80	0.80	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	4.86	3.36	3.36	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.86	-3.04	-3.04	30.00
5775MHz	Pass	4.86	1.58	1.58	30.00



PSD

<Full RU> UNII1~UNII3_Non-Beamforming Mode_Ant.1 (1TX)

Appendix D.1

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	4.86	-6.87	-6.87	11.00
5250MHz Straddle 5.25-5.35GHz	Pass	4.86	-6.71	-6.71	11.00
5570MHz	Pass	4.86	-7.00	-7.00	11.00

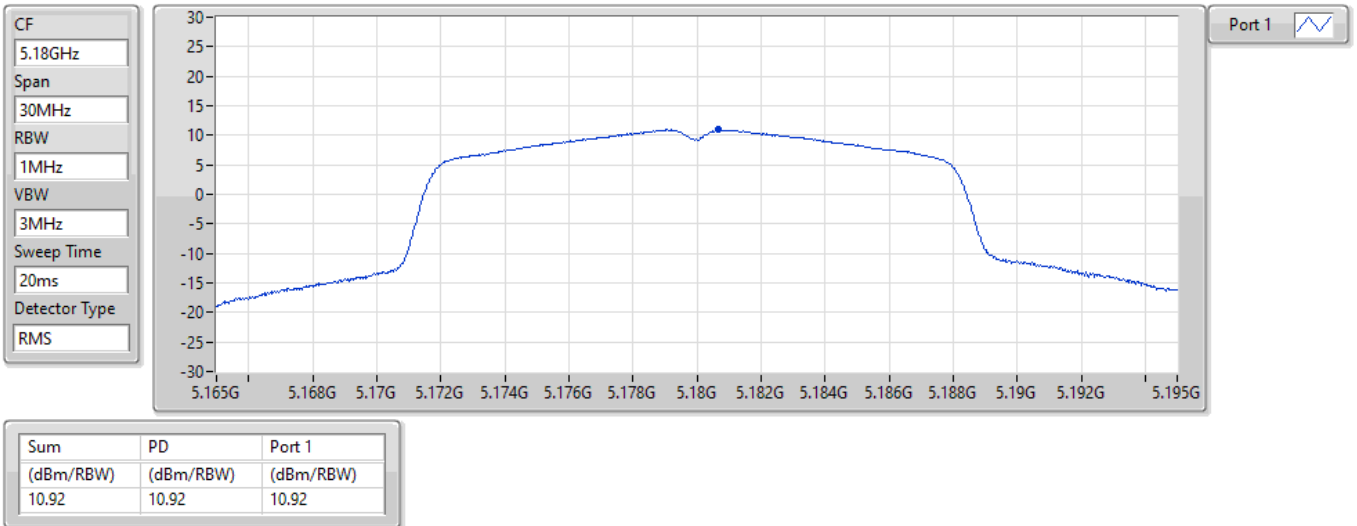
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11a_Nss1,(6Mbps)_1TX

PSD

5180MHz

21/05/2022

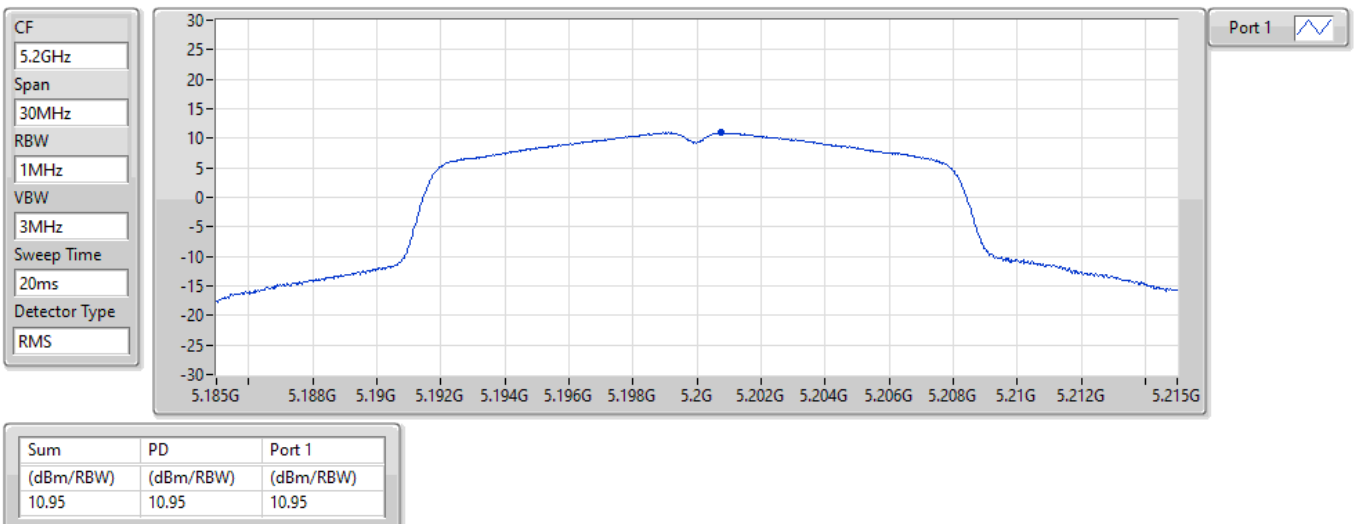


802.11a_Nss1,(6Mbps)_1TX

PSD

5200MHz

21/05/2022



802.11a_Nss1,(6Mbps)_1TX

PSD

5240MHz

19/05/2022

CF
5.24GHz

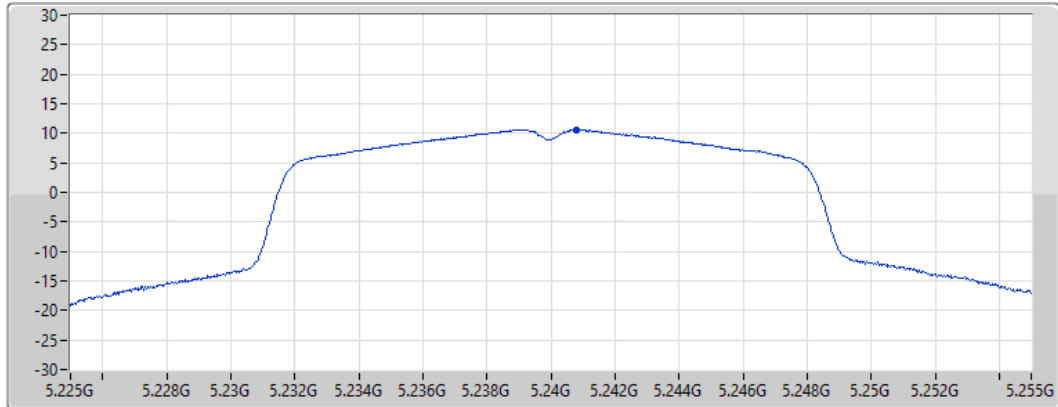
Span
30MHz

RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)
10.60	10.60	10.60

802.11a_Nss1,(6Mbps)_1TX

PSD

5260MHz

19/05/2022

CF
5.26GHz

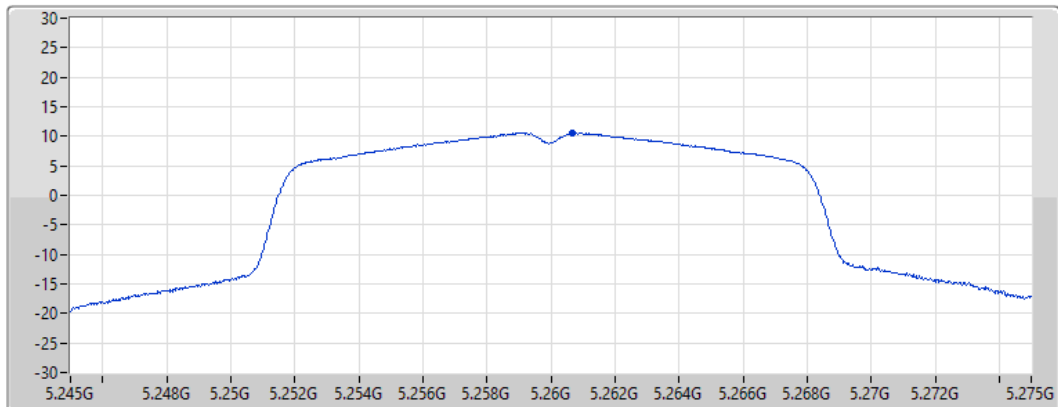
Span
30MHz

RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS



Port 1

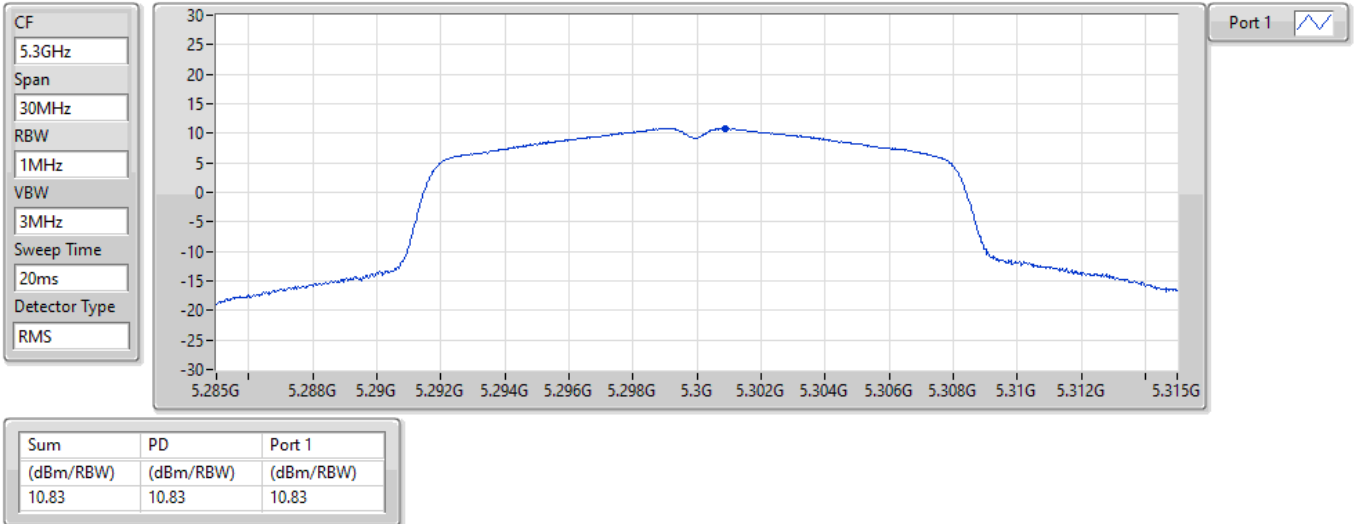
Sum	PD	Port 1
(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)
10.57	10.57	10.57

802.11a_Nss1,(6Mbps)_1TX

PSD

5300MHz

19/05/2022

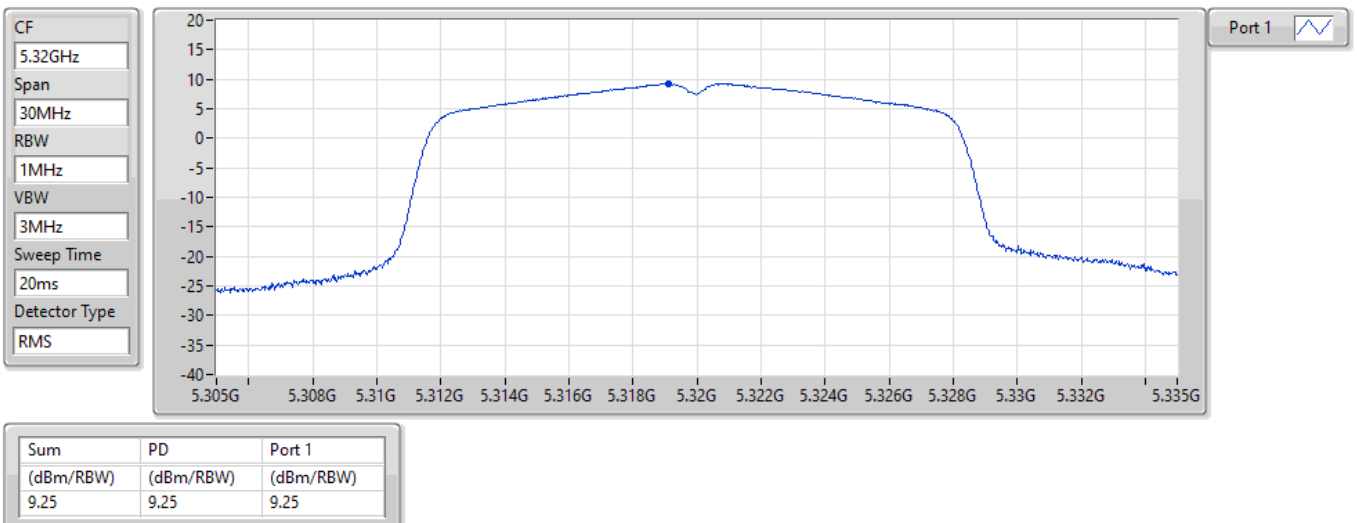


802.11a_Nss1,(6Mbps)_1TX

PSD

5320MHz

20/05/2022

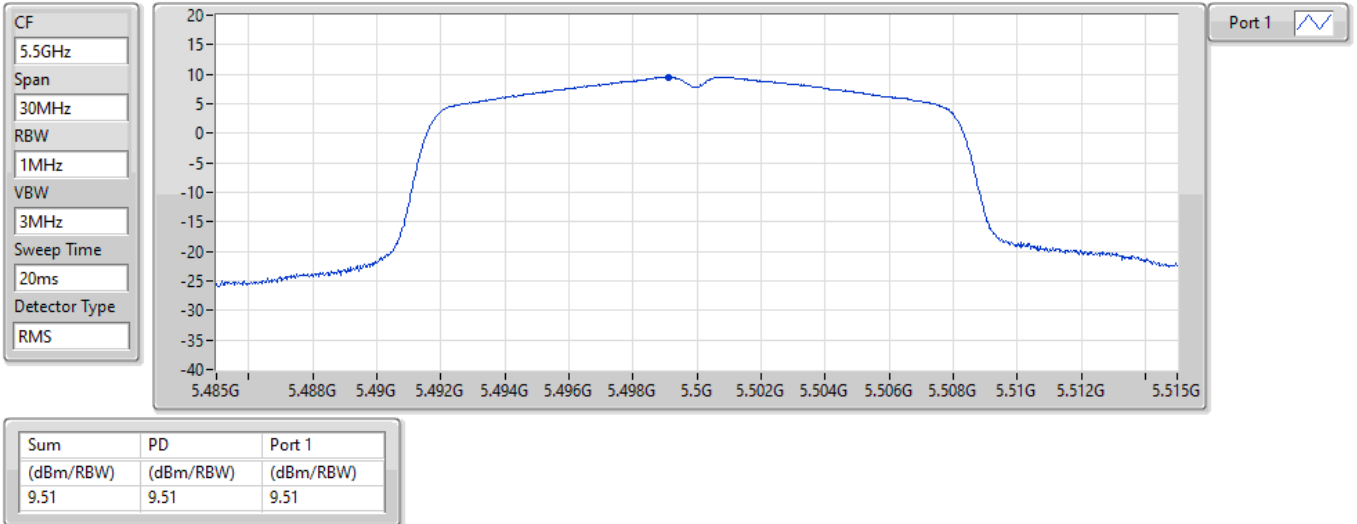


802.11a_Nss1,(6Mbps)_1TX

PSD

5500MHz

20/05/2022

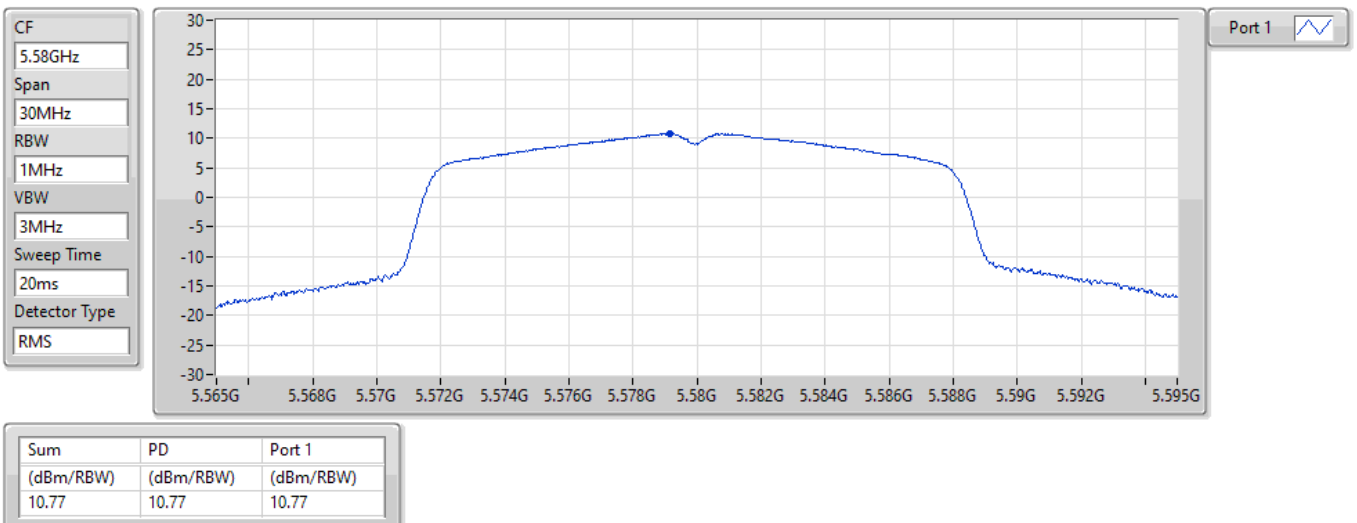


802.11a_Nss1,(6Mbps)_1TX

PSD

5580MHz

19/05/2022

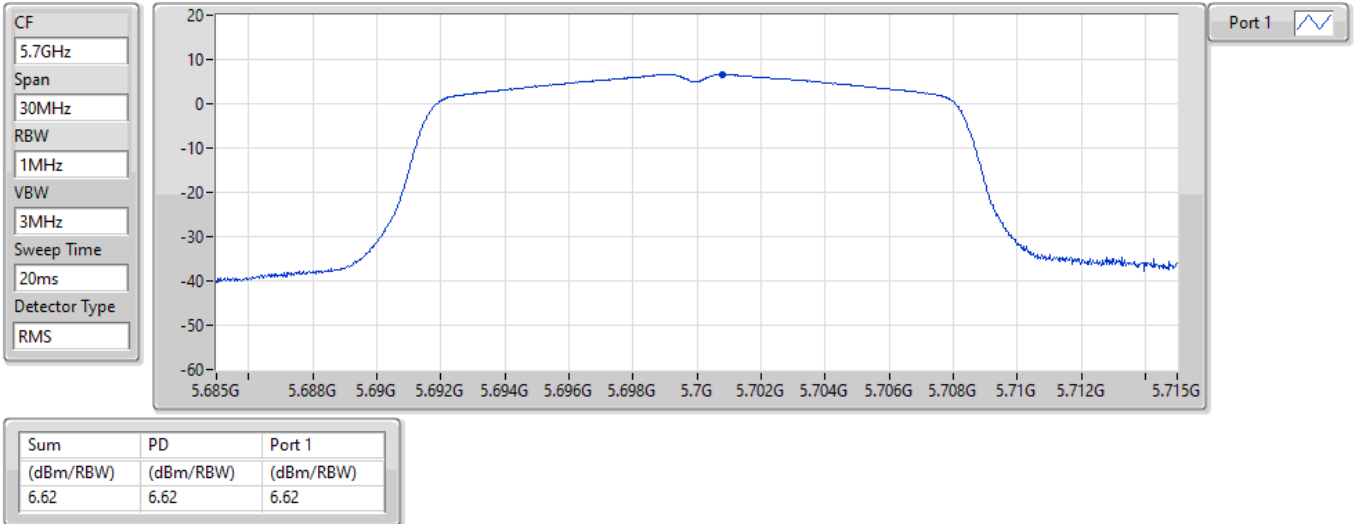


802.11a_Nss1,(6Mbps)_1TX

PSD

5700MHz

20/05/2022

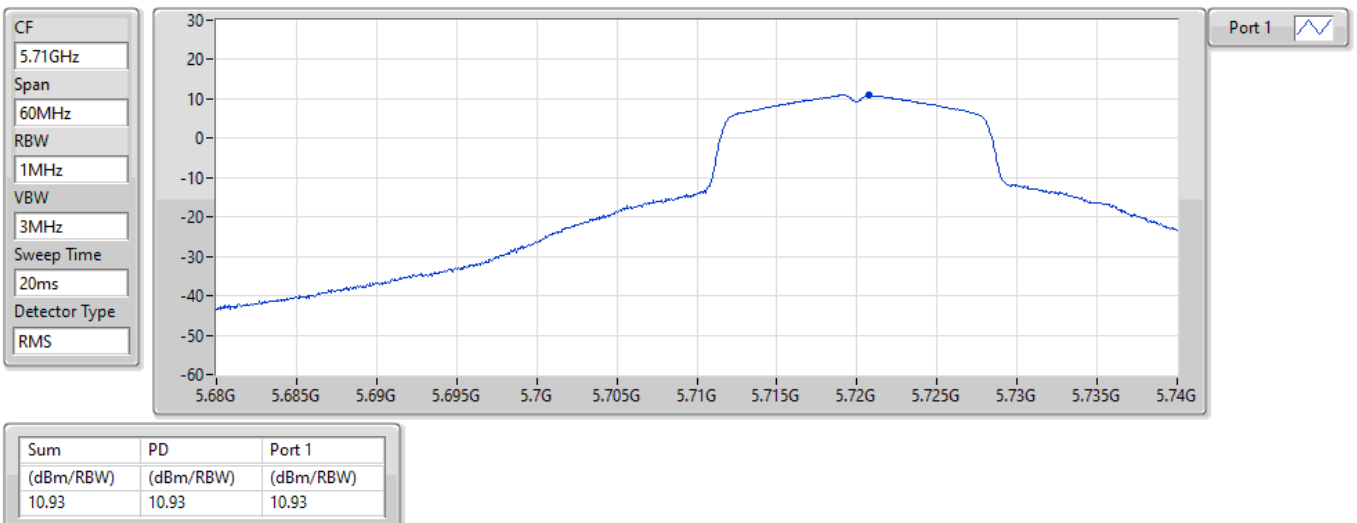


802.11a_Nss1,(6Mbps)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

19/05/2022

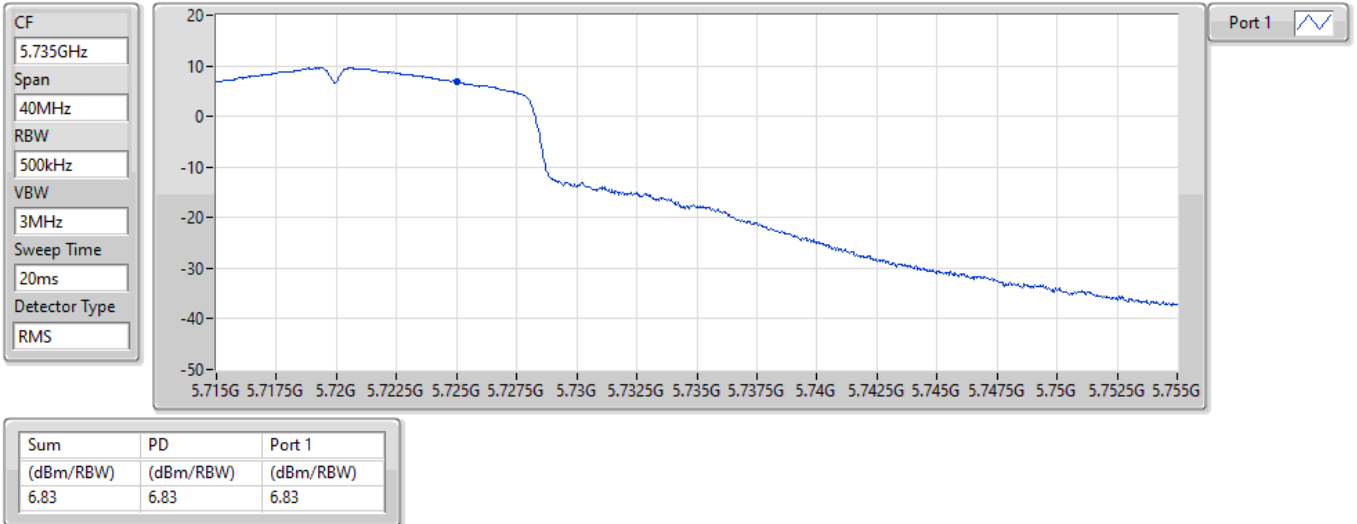


802.11a_Nss1,(6Mbps)_1TX

5720MHz Straddle 5.725-5.85GHz

PSD

19/05/2022

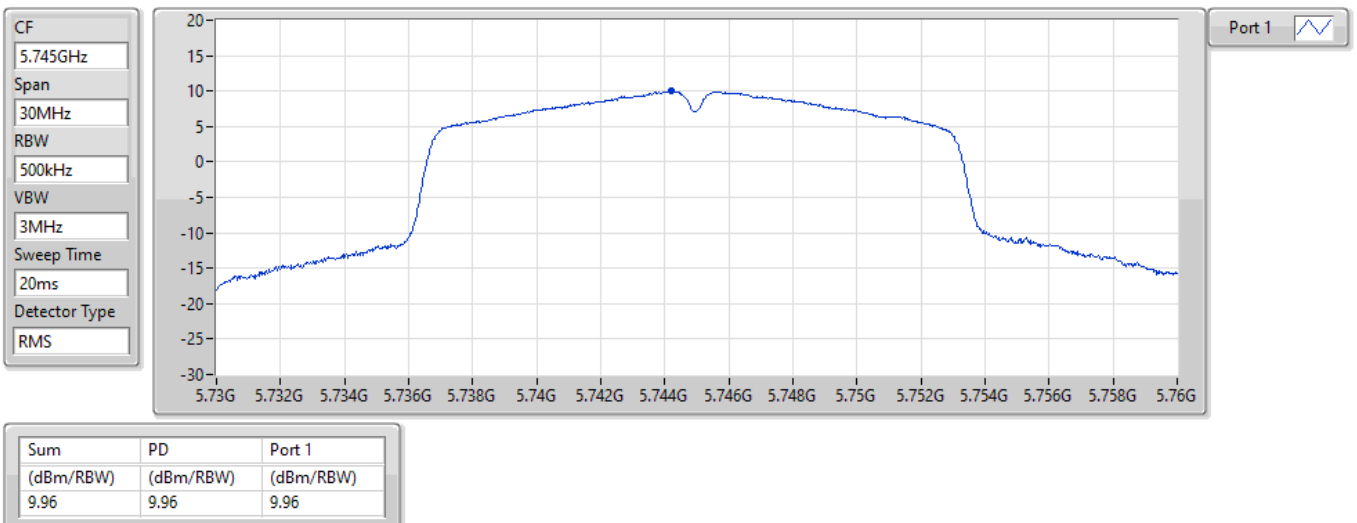


802.11a_Nss1,(6Mbps)_1TX

5745MHz

PSD

19/05/2022

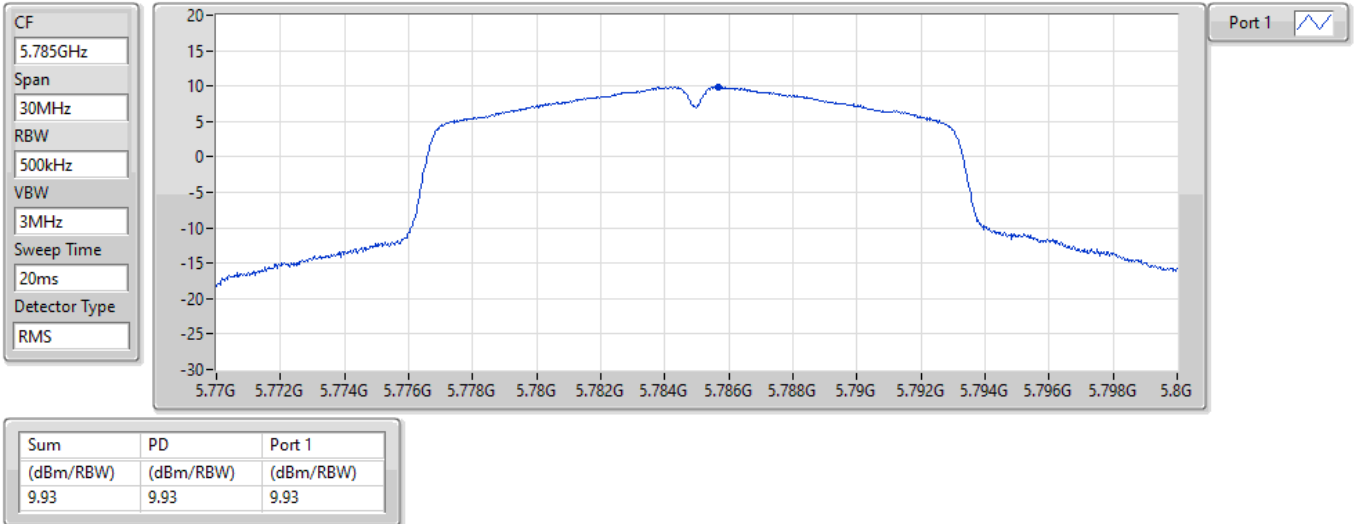


802.11a_Nss1,(6Mbps)_1TX

PSD

5785MHz

19/05/2022

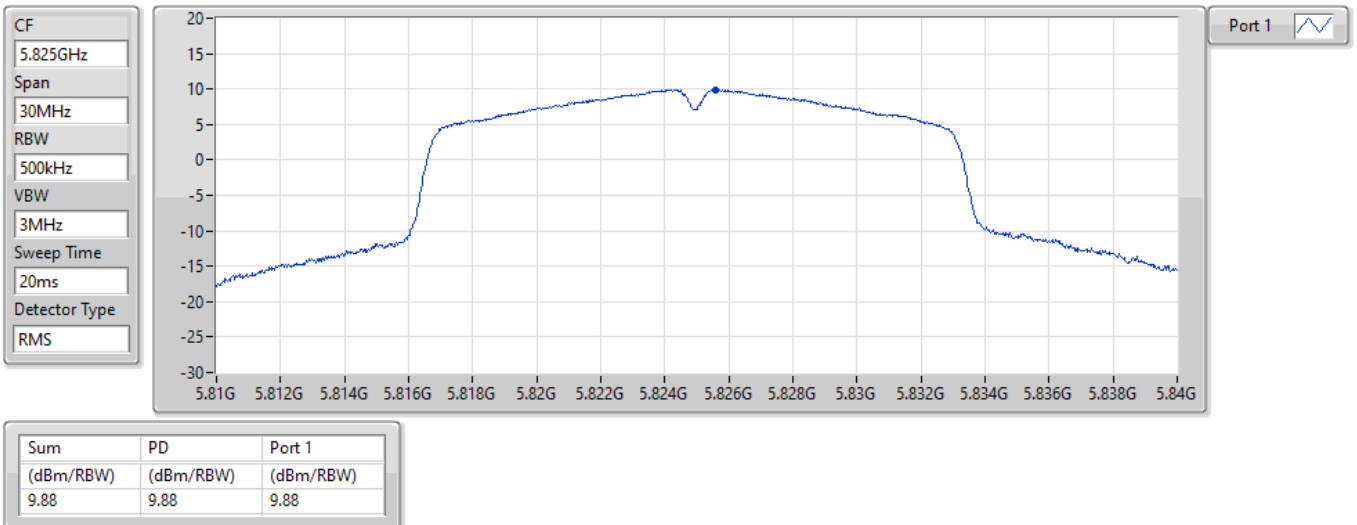


802.11a_Nss1,(6Mbps)_1TX

PSD

5825MHz

19/05/2022

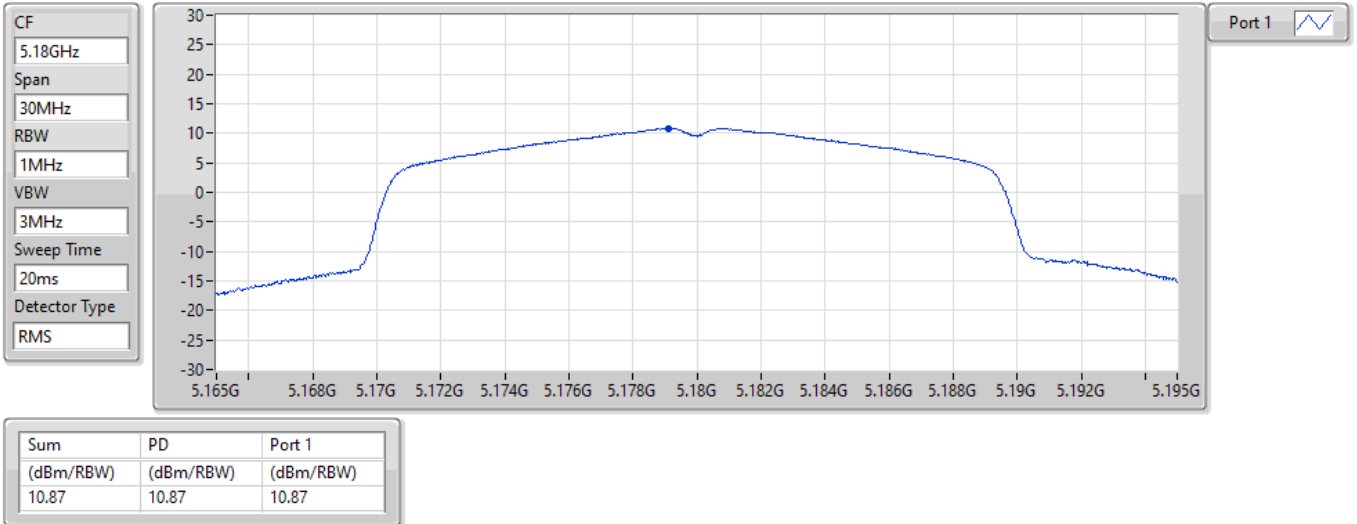


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5180MHz

21/05/2022

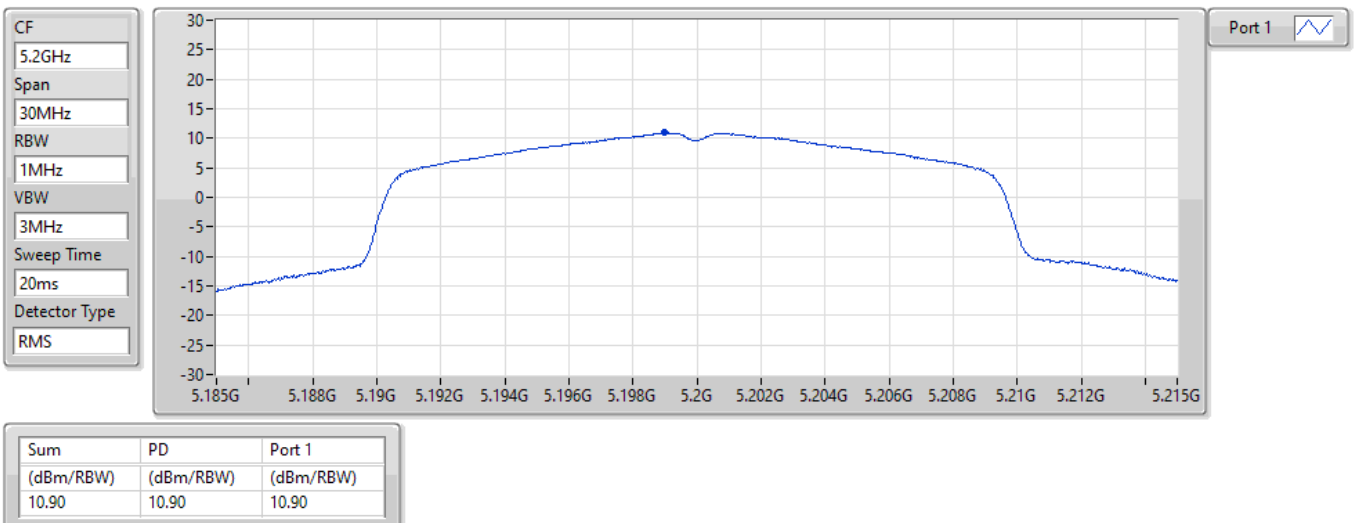


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5200MHz

21/05/2022

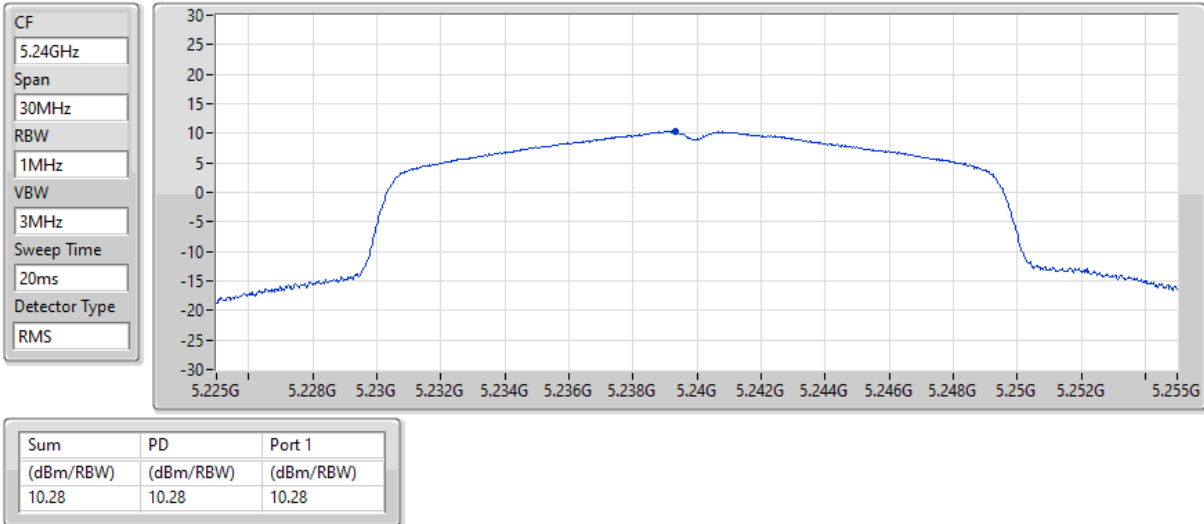


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5240MHz

19/05/2022

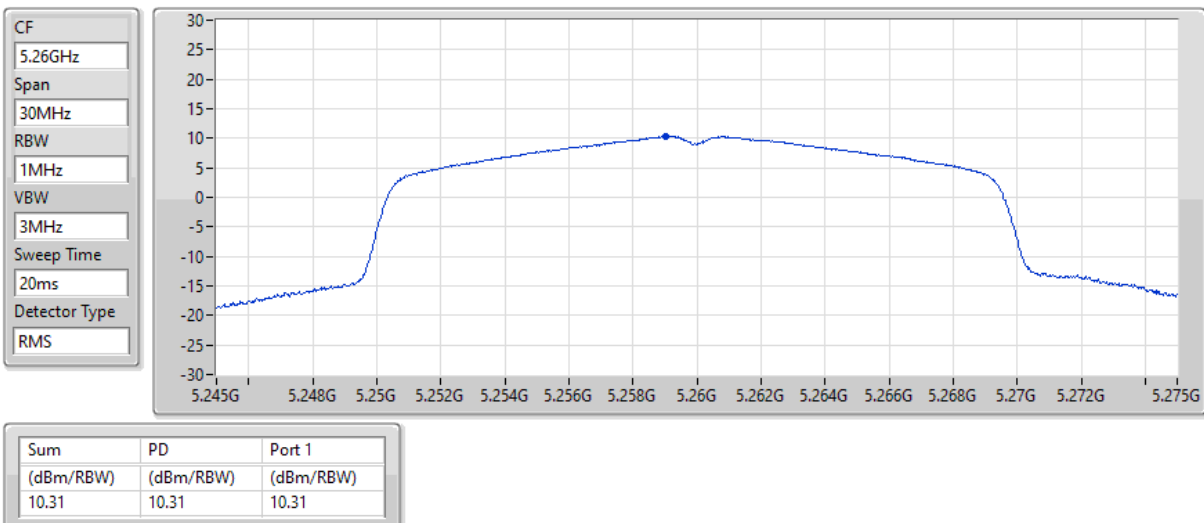


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5260MHz

19/05/2022

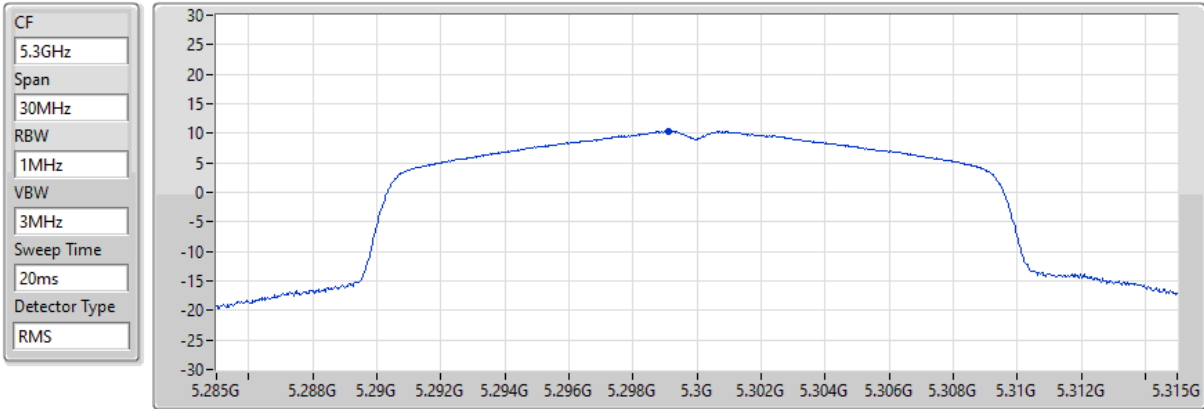


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5300MHz

19/05/2022



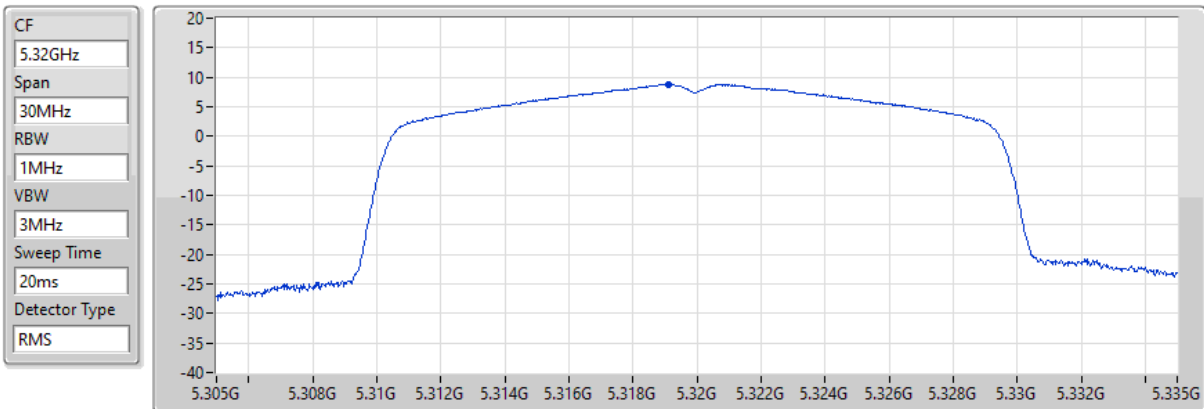
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.35	10.35	10.35

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5320MHz

20/05/2022



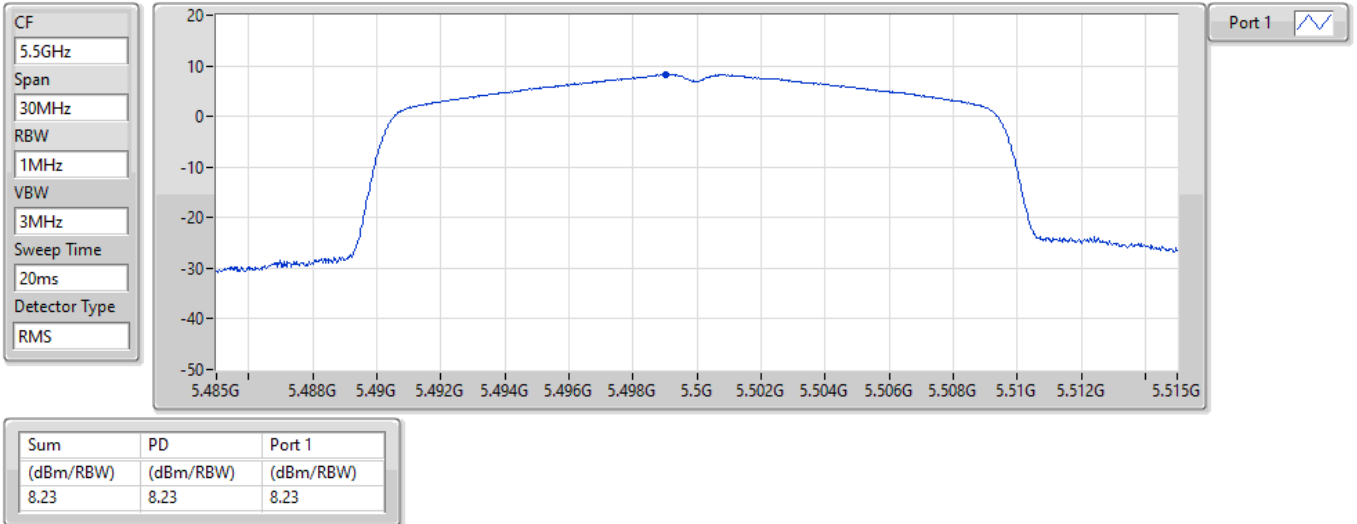
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.77	8.77	8.77

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5500MHz

20/05/2022

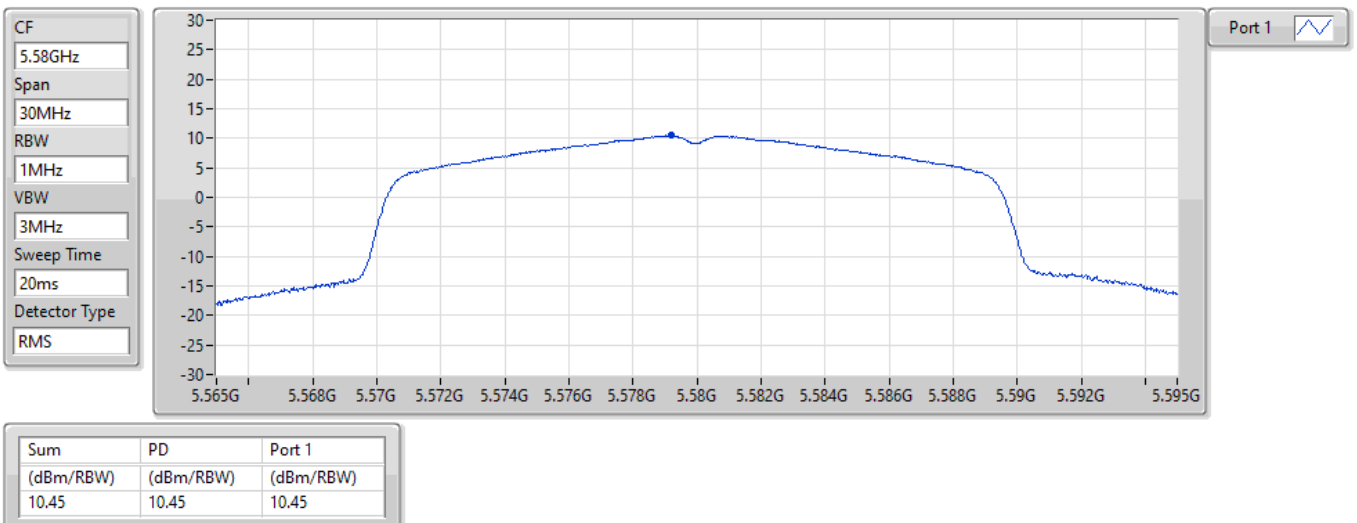


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5580MHz

19/05/2022

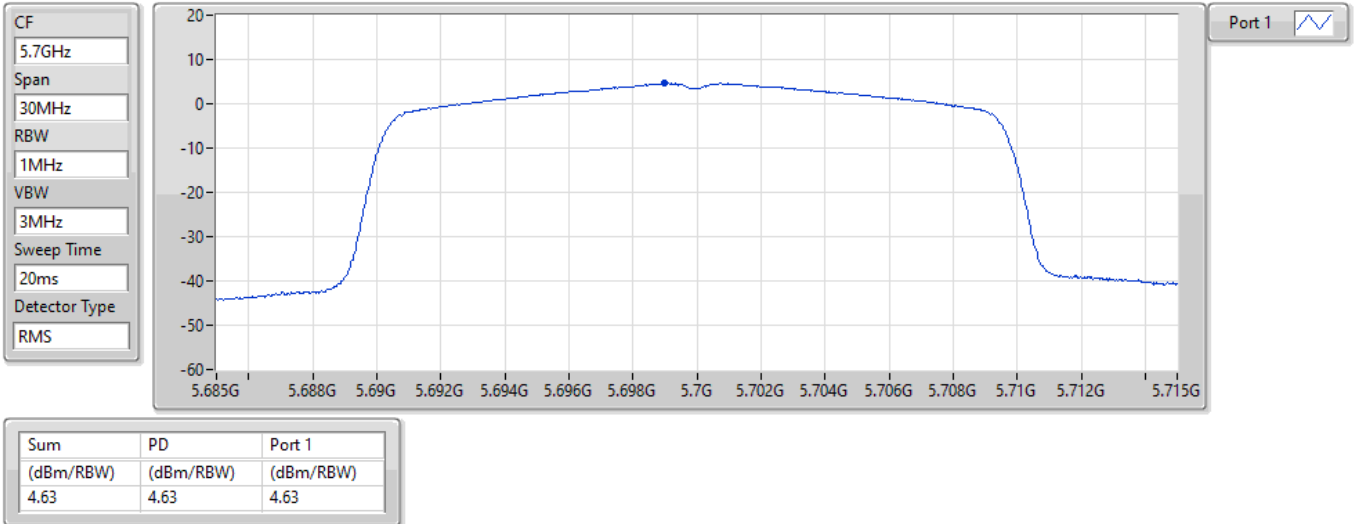


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5700MHz

19/05/2022

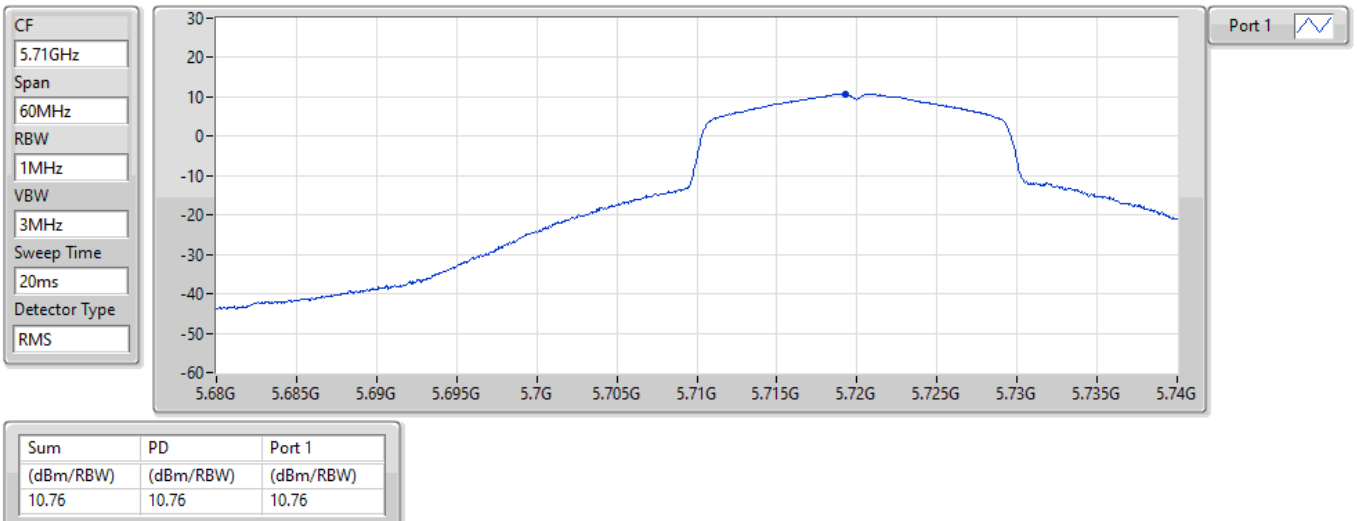


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

19/05/2022

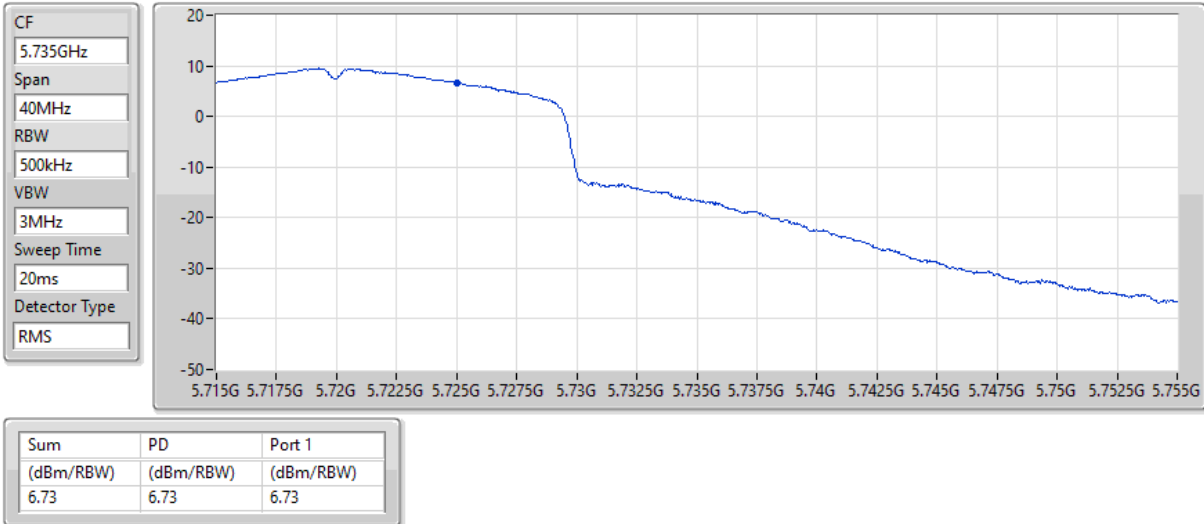


802.11ax HEW20_Nss1,(MCS0)_1TX

5720MHz Straddle 5.725-5.85GHz

19/05/2022

PSD

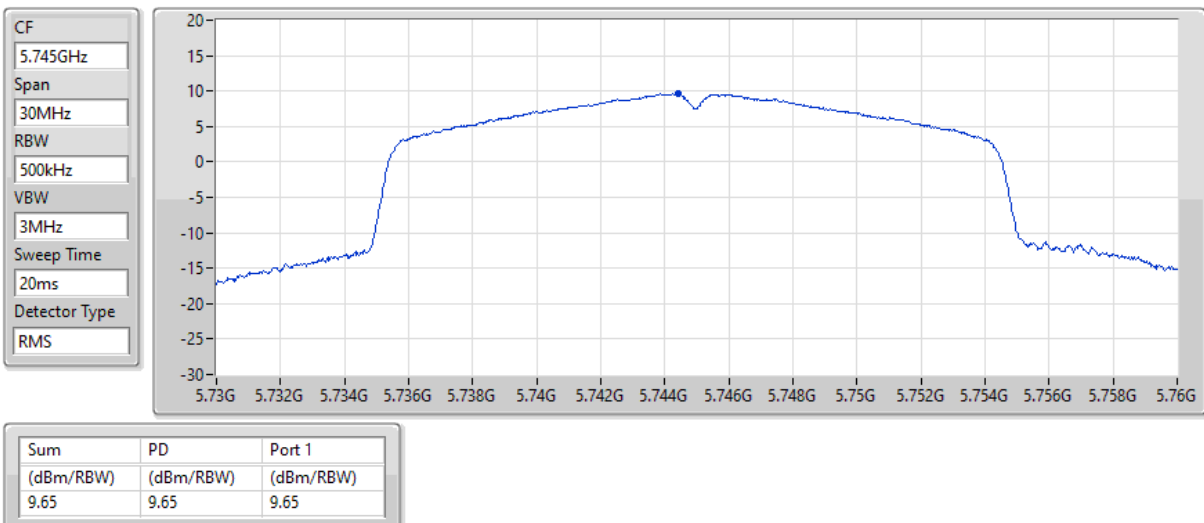


802.11ax HEW20_Nss1,(MCS0)_1TX

5745MHz

19/05/2022

PSD

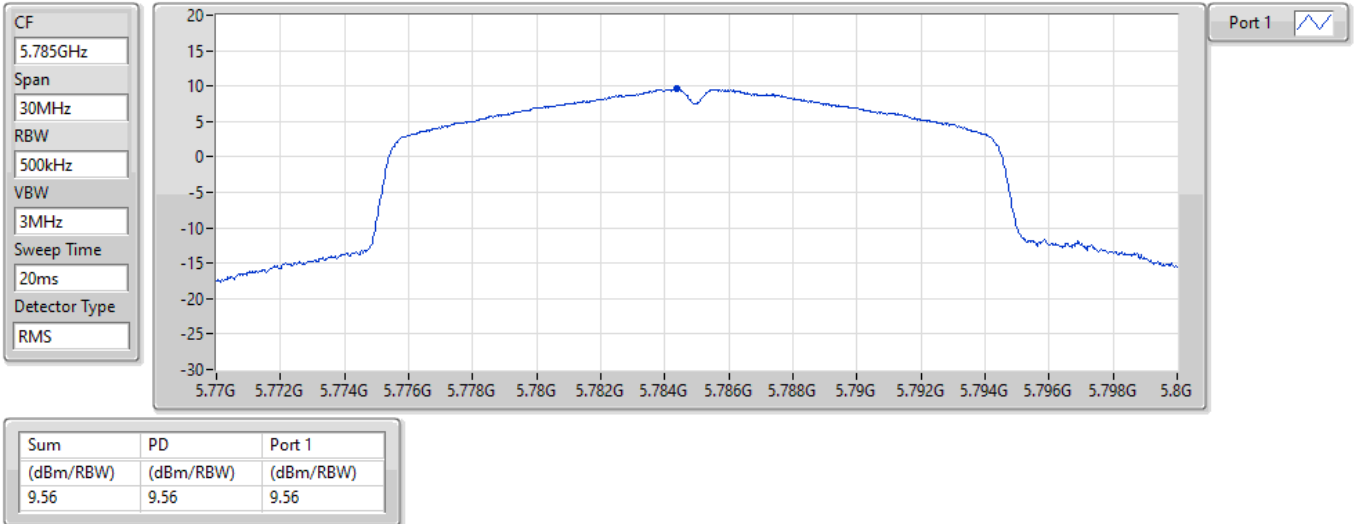


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5785MHz

19/05/2022

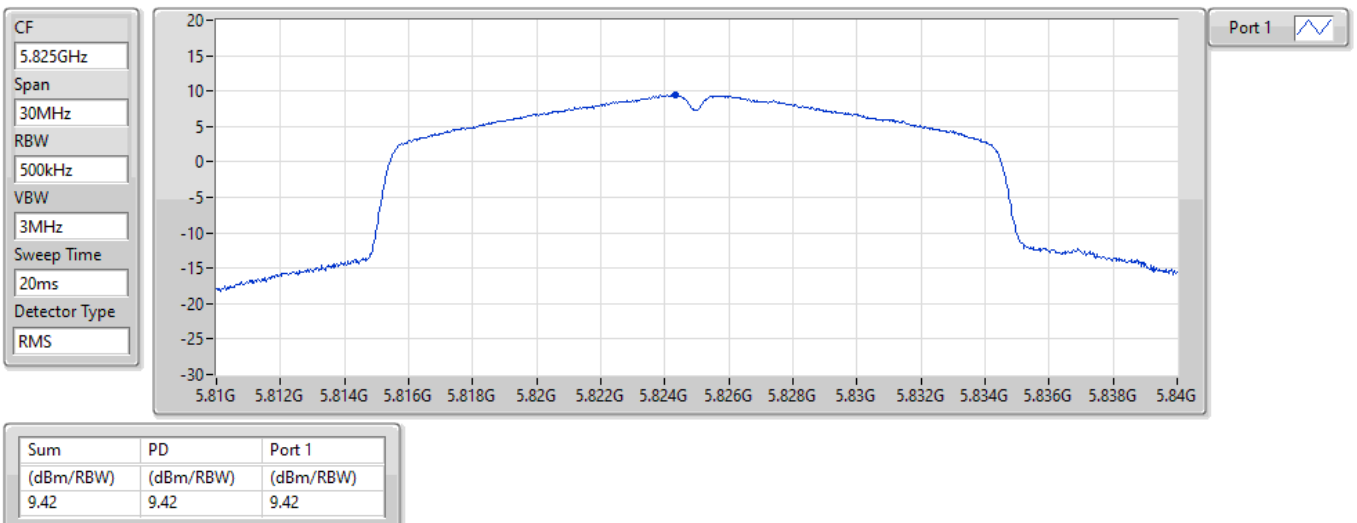


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5825MHz

19/05/2022

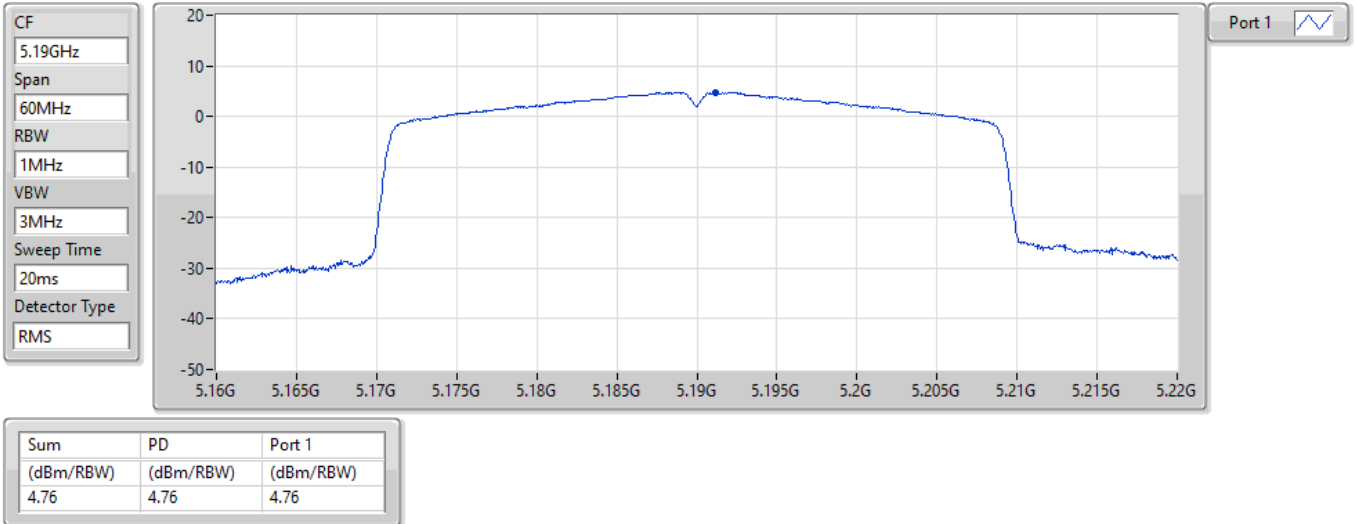


802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5190MHz

20/05/2022

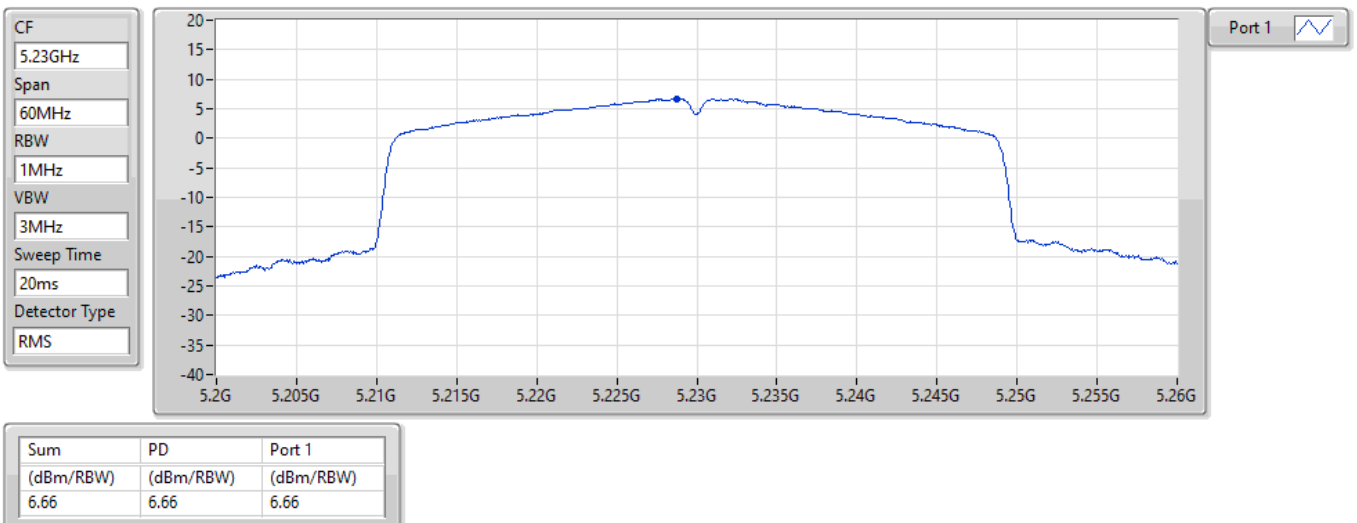


802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5230MHz

19/05/2022

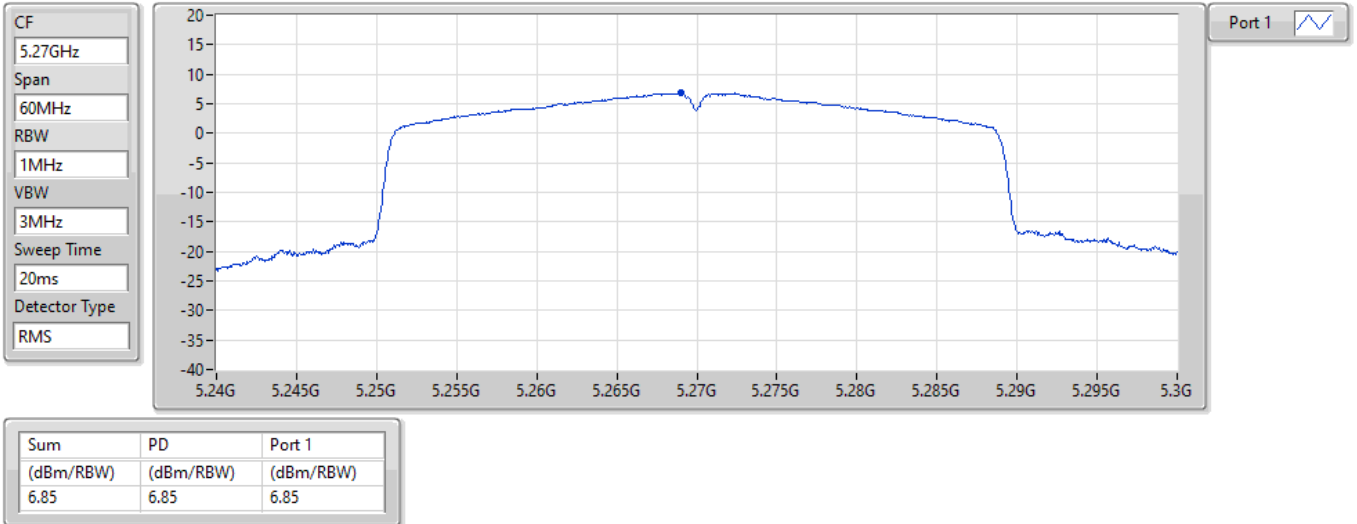


802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5270MHz

20/05/2022

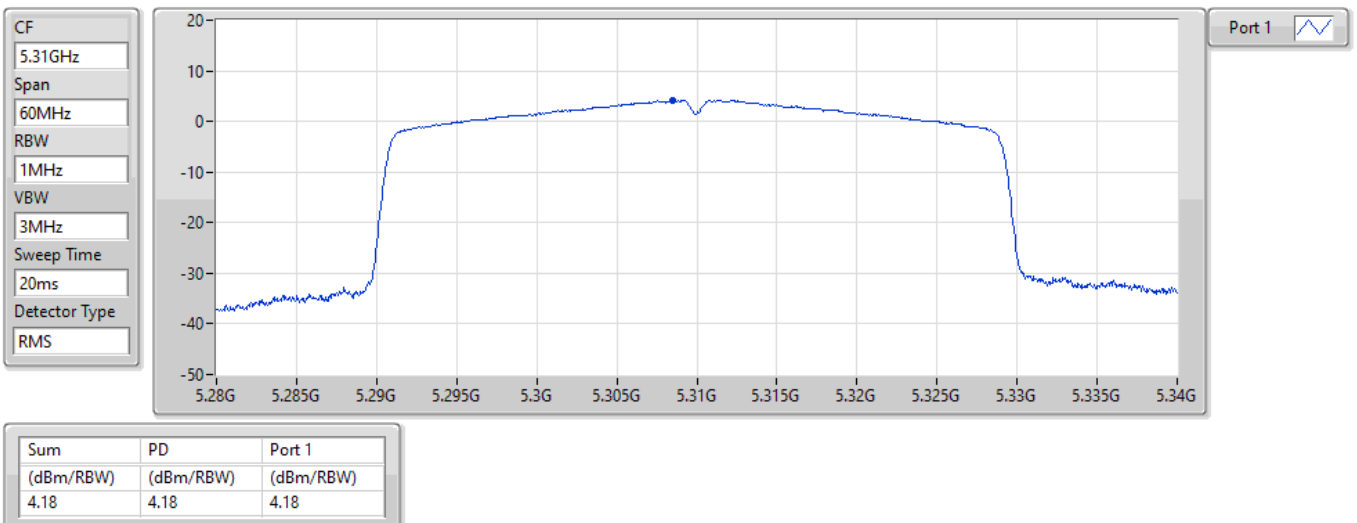


802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5310MHz

20/05/2022

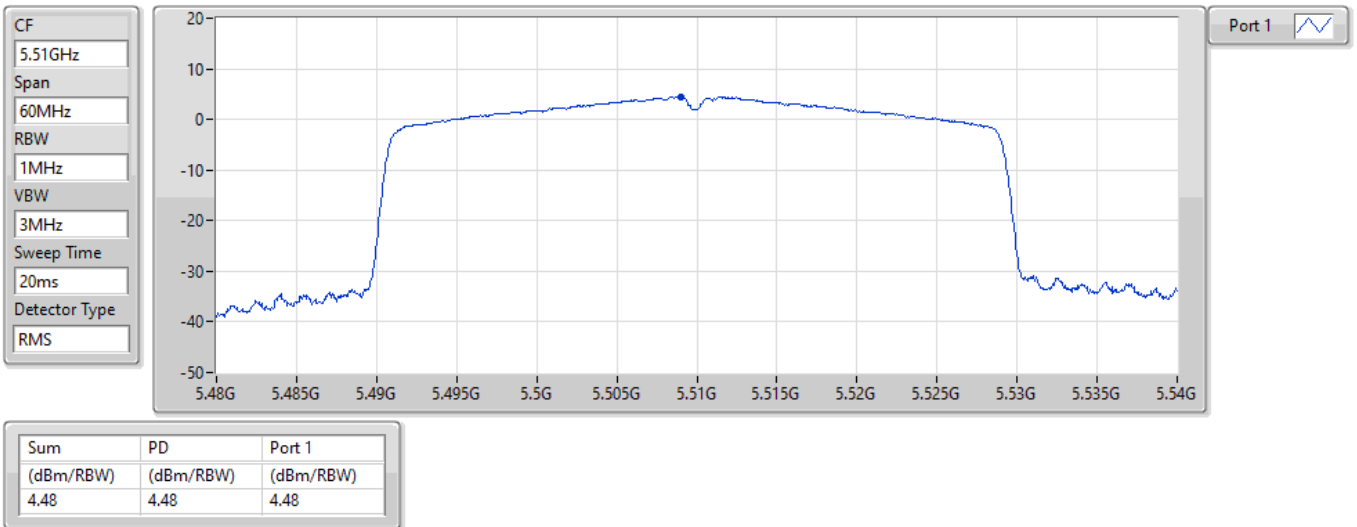


802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5510MHz

20/05/2022

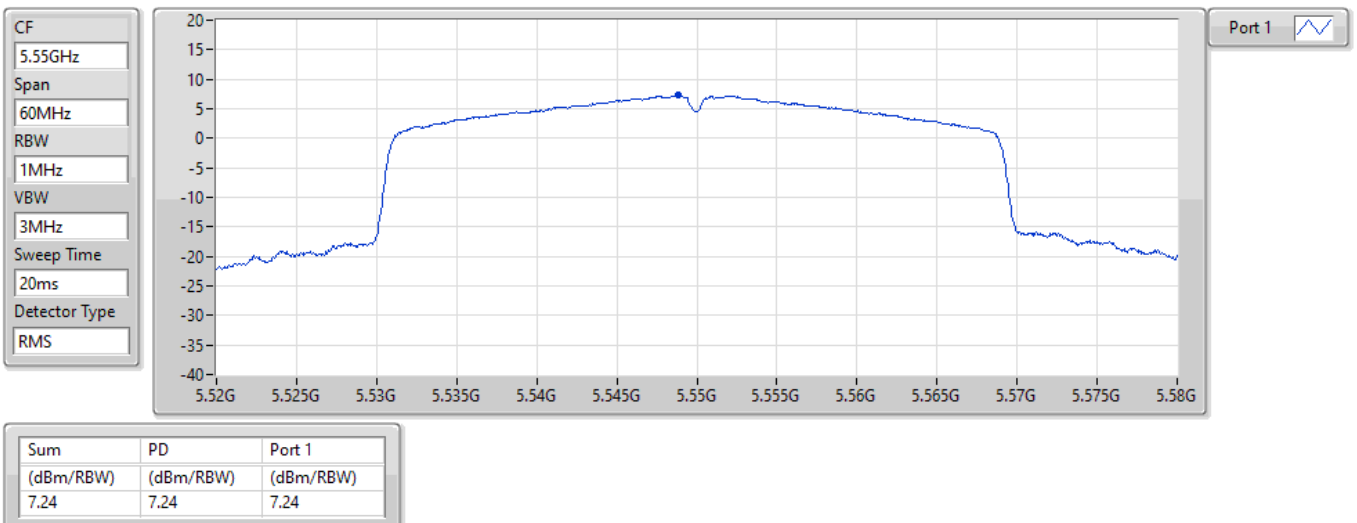


802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5550MHz

20/05/2022

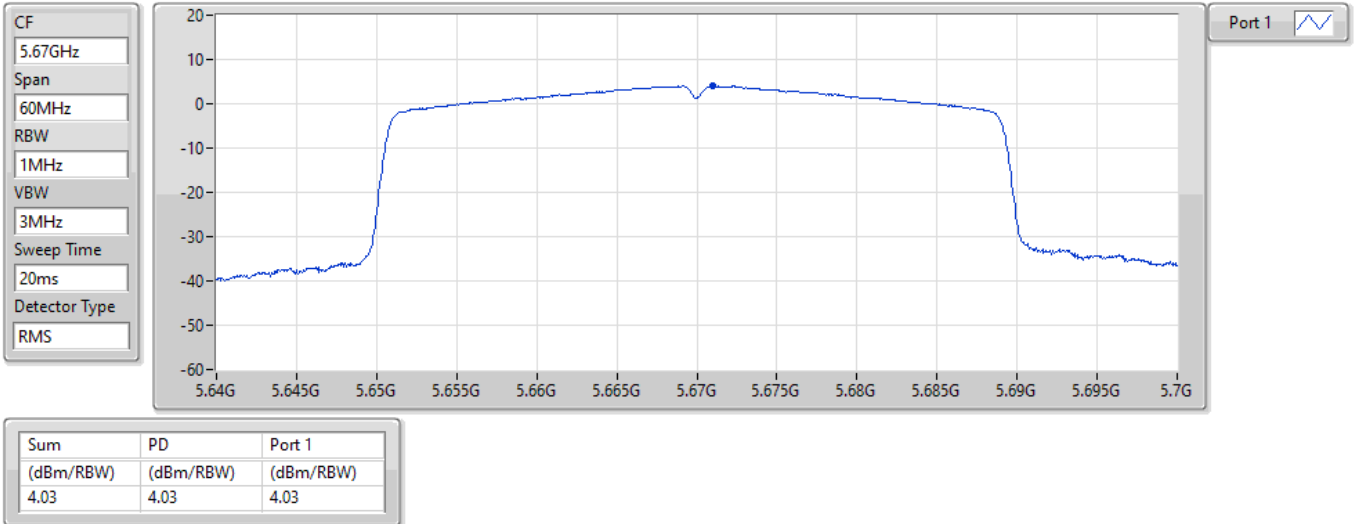


802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5670MHz

20/05/2022

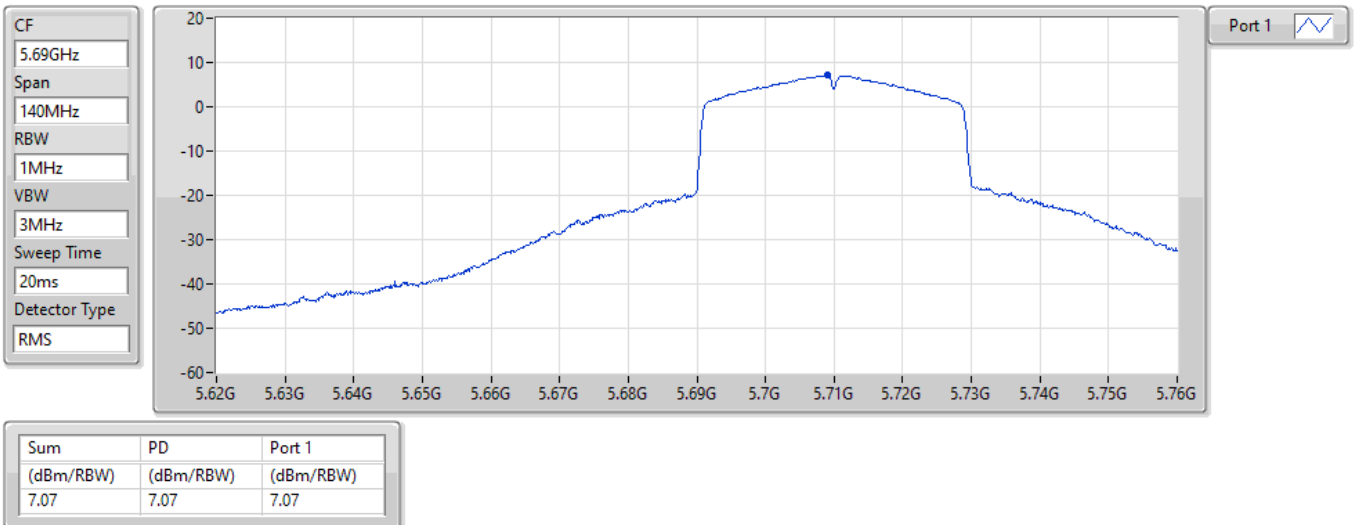


802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.47-5.725GHz

19/05/2022

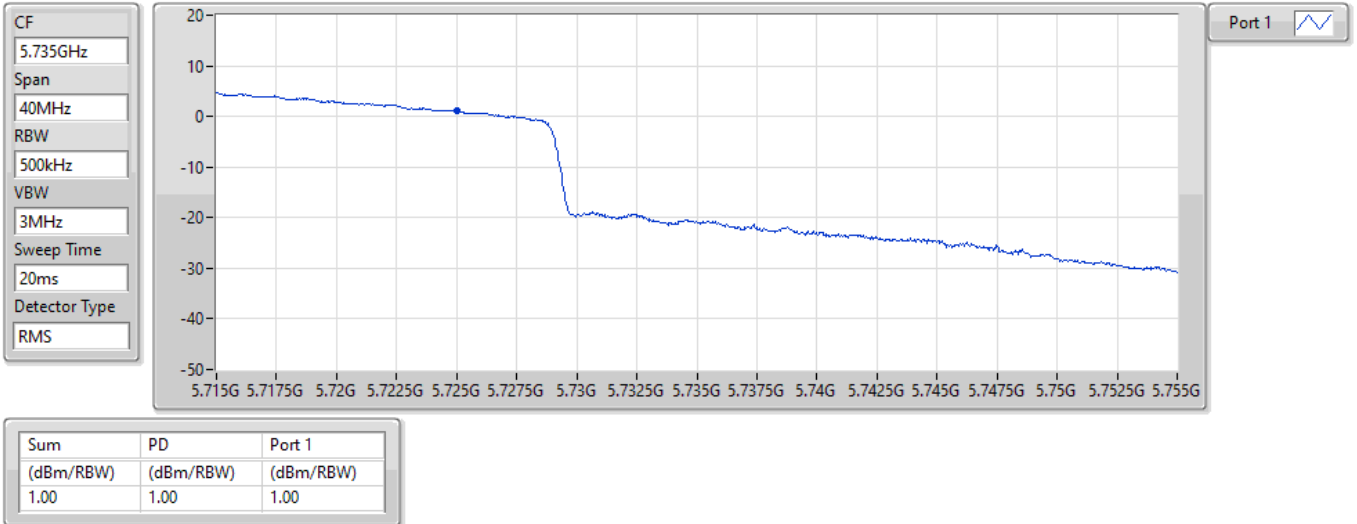


802.11ax HEW40_Nss1,(MCS0)_1TX

5710MHz Straddle 5.725-5.85GHz

PSD

19/05/2022

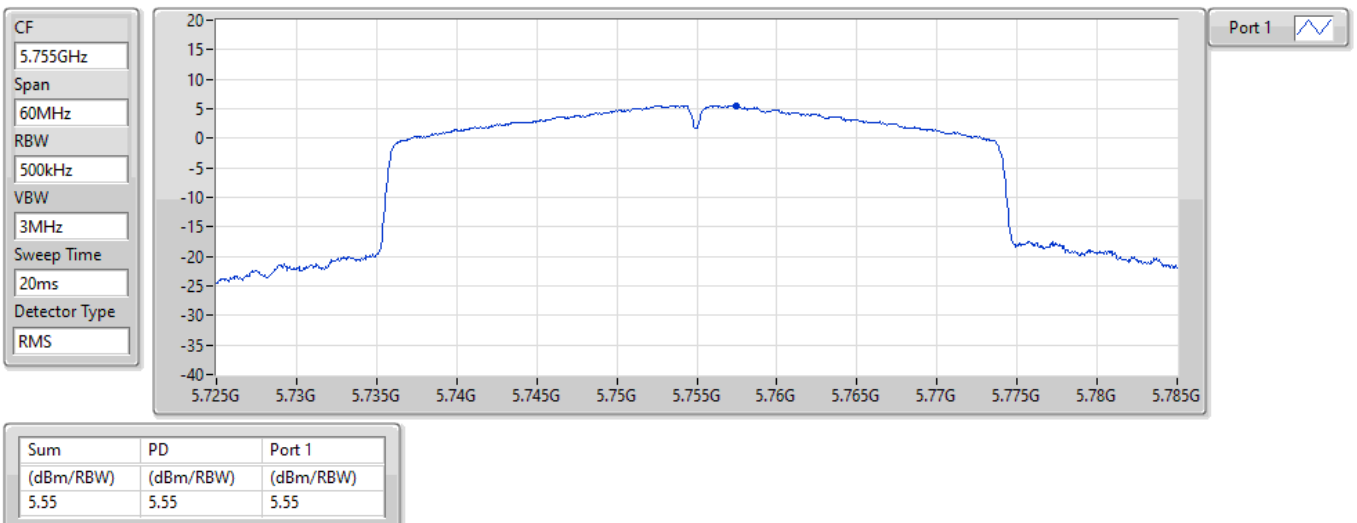


802.11ax HEW40_Nss1,(MCS0)_1TX

5755MHz

PSD

20/05/2022

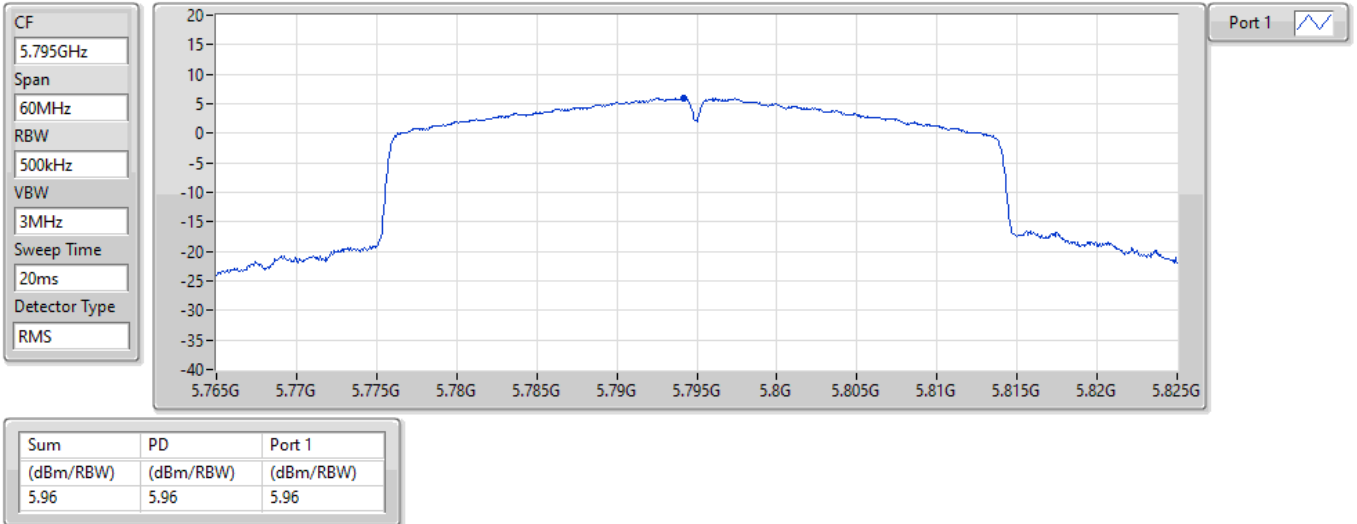


802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5795MHz

19/05/2022

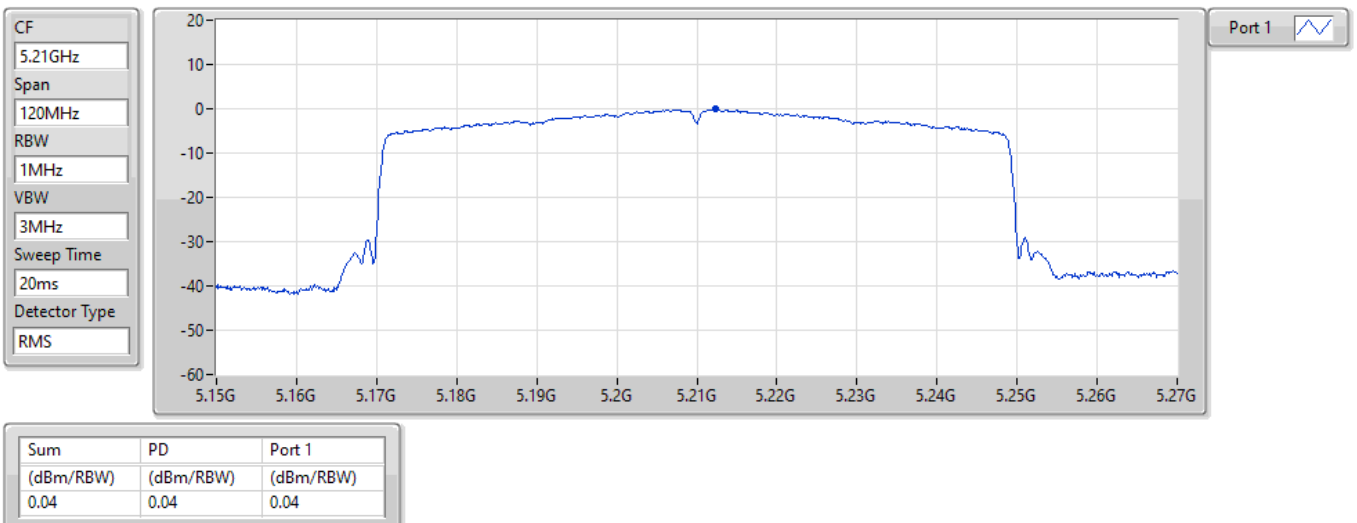


802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5210MHz

20/05/2022

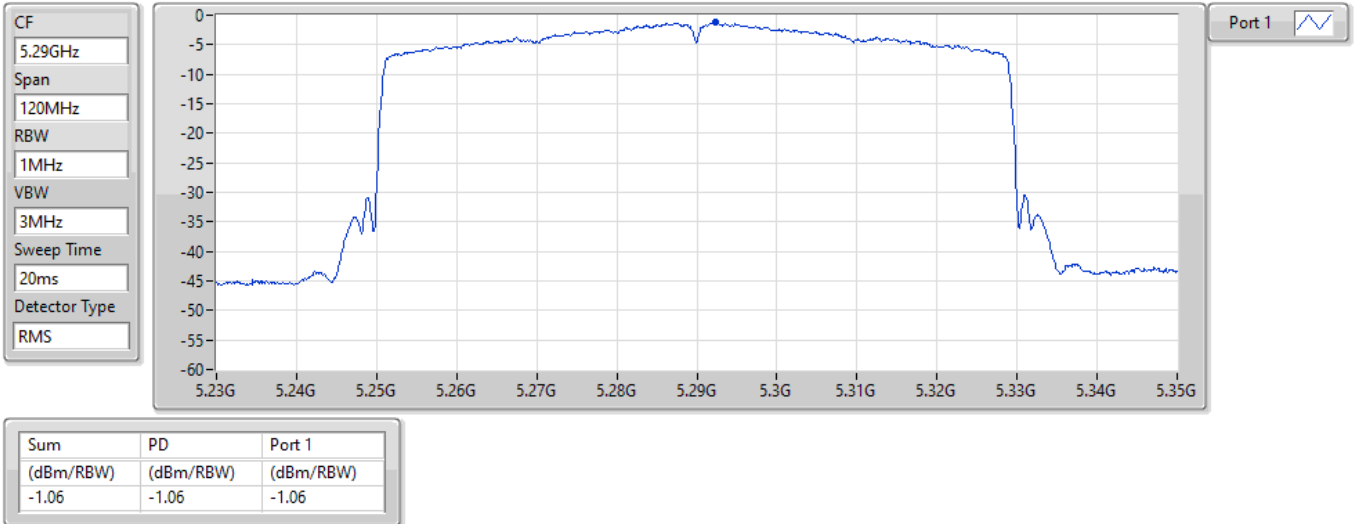


802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5290MHz

20/05/2022

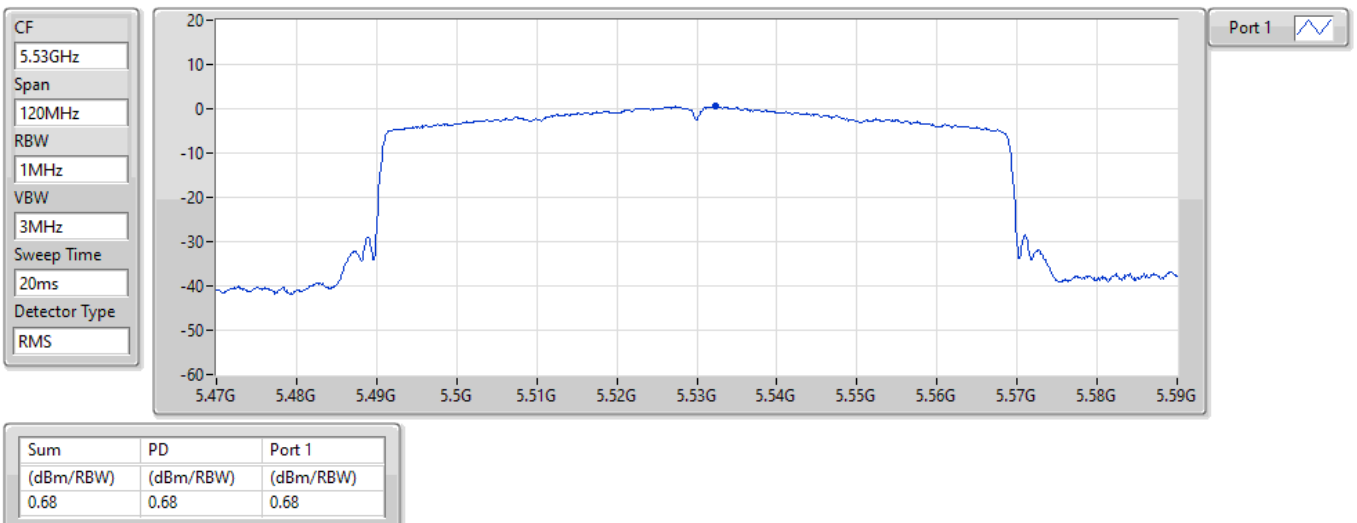


802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5530MHz

20/05/2022

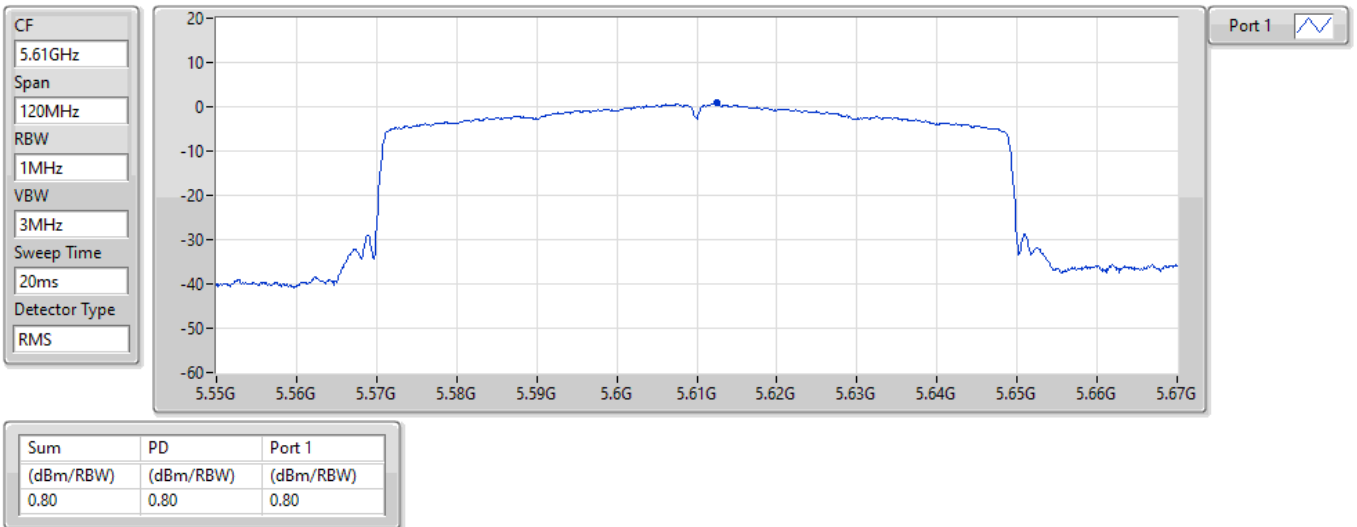


802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5610MHz

19/05/2022

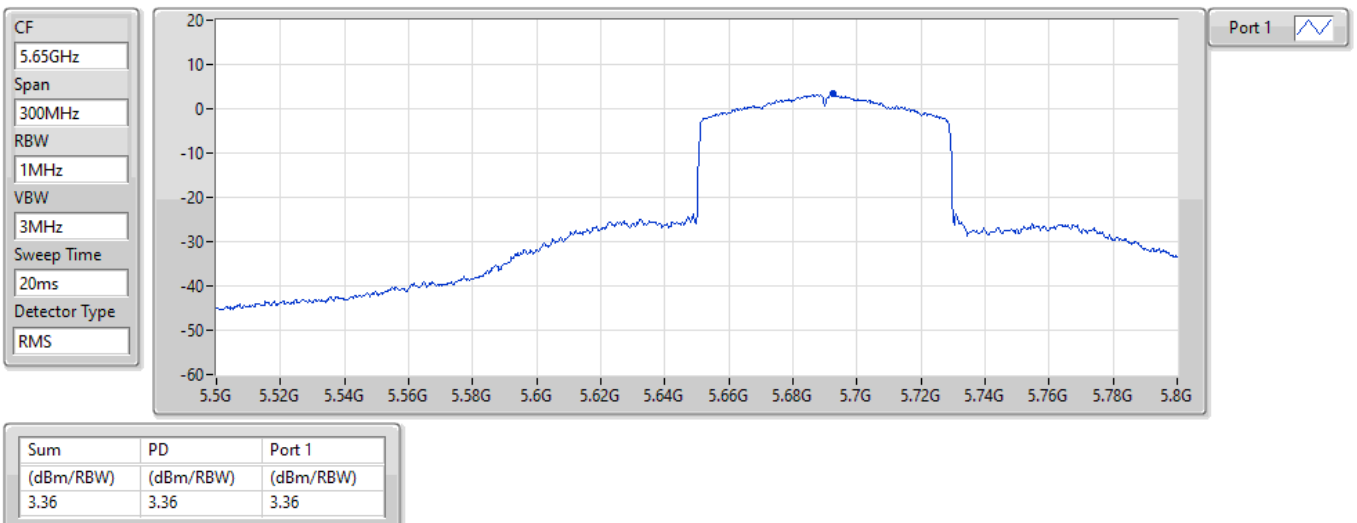


802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.47-5.725GHz

20/05/2022

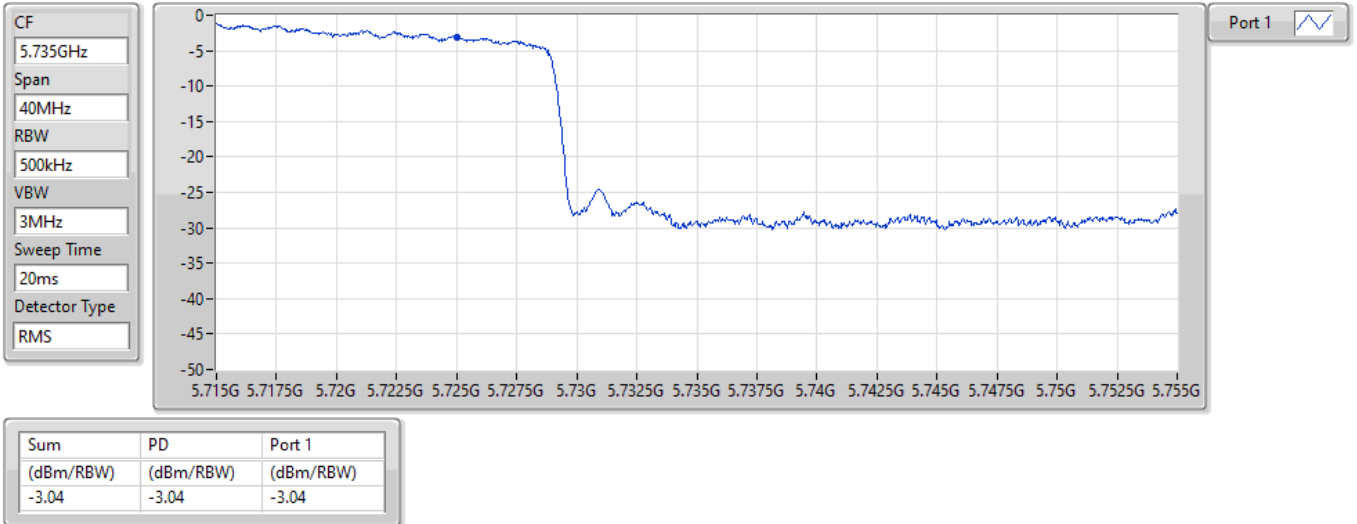


802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.725-5.85GHz

20/05/2022

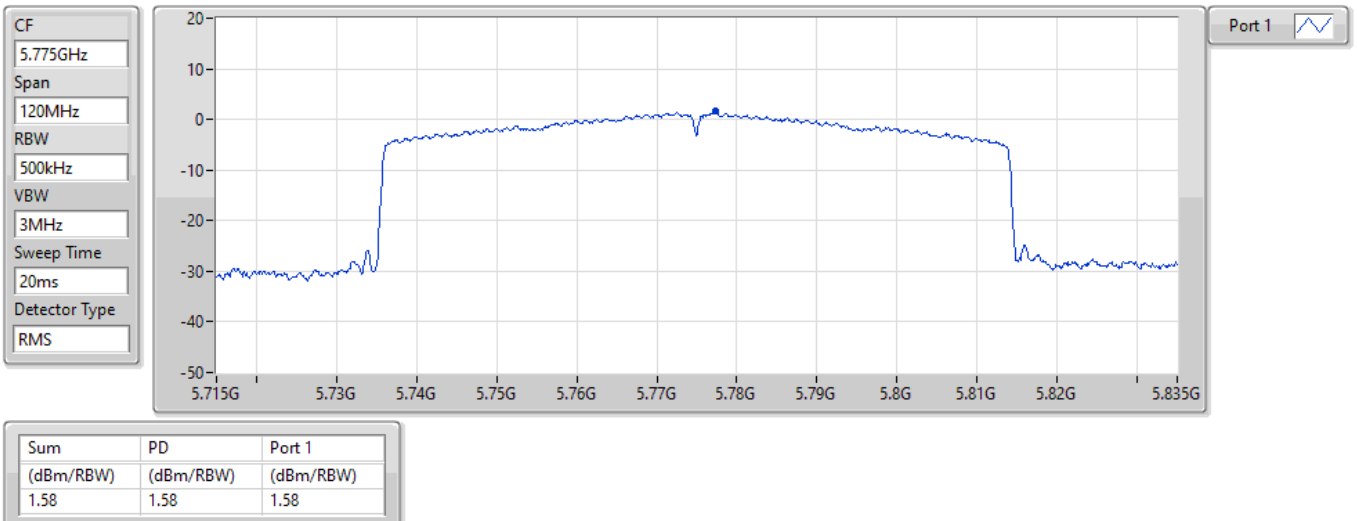


802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5775MHz

20/05/2022

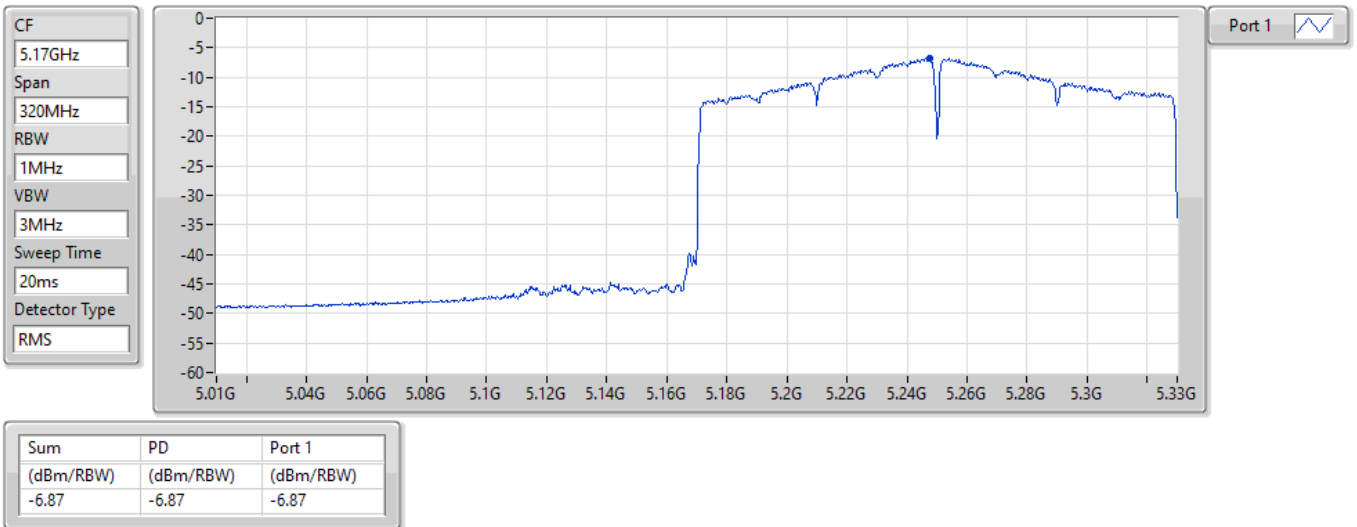


802.11ax HEW160_Nss1,(MCS0)_1TX

PSD

5250MHz Straddle 5.15-5.25GHz

20/05/2022

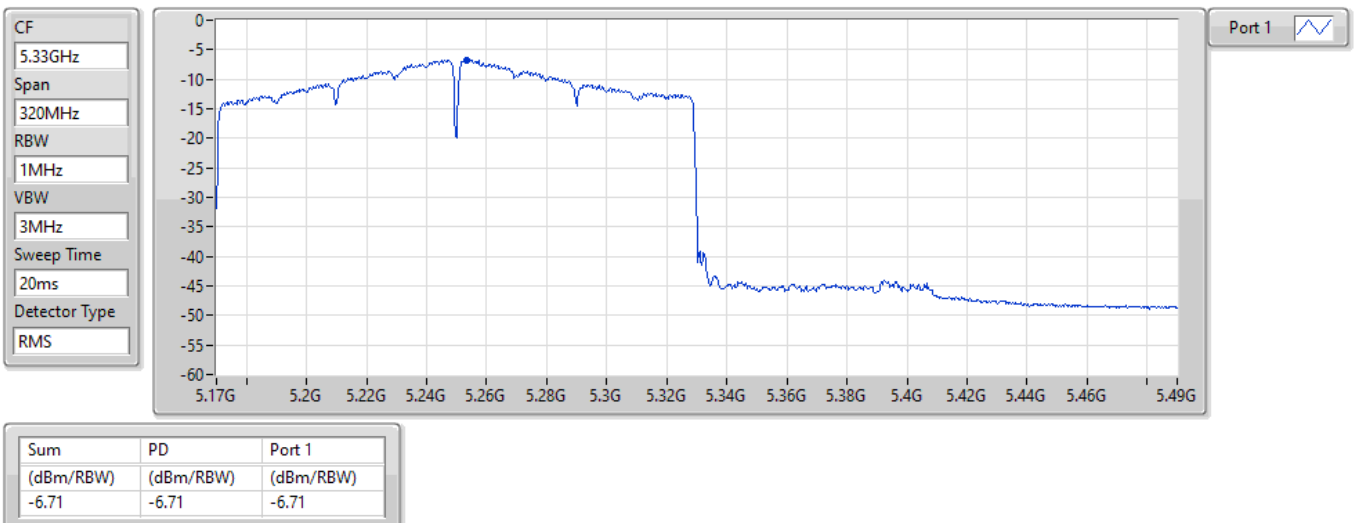


802.11ax HEW160_Nss1,(MCS0)_1TX

PSD

5250MHz Straddle 5.25-5.35GHz

20/05/2022

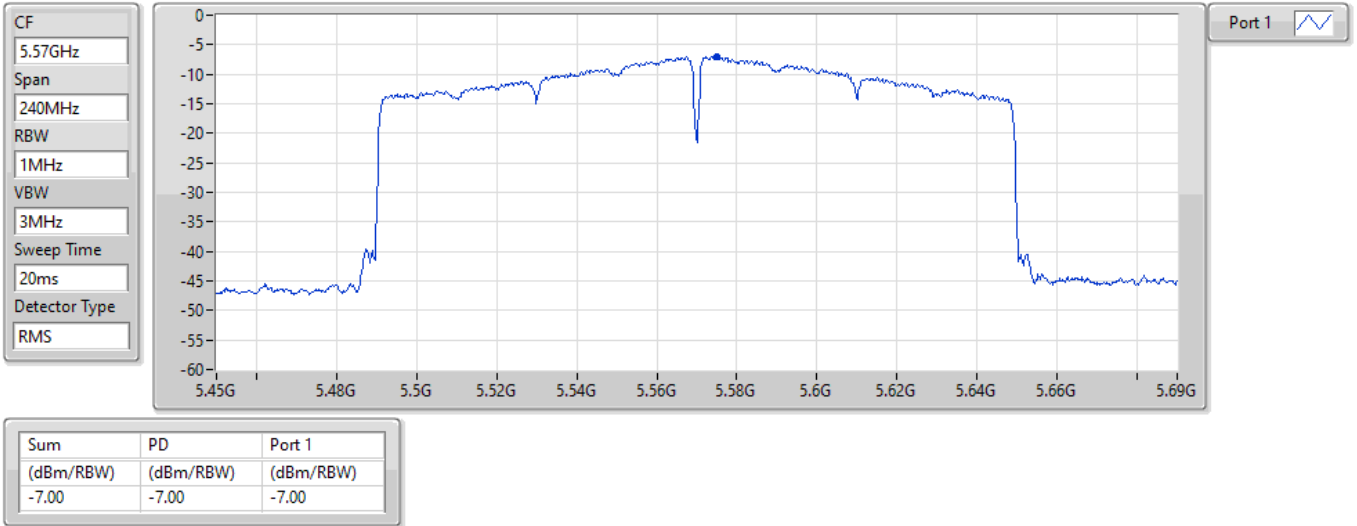


802.11ax HEW160_Nss1,(MCS0)_1TX

PSD

5570MHz

19/05/2022



Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_1TX	10.95
802.11ax HEW20_Nss1,(MCS0)_1TX	10.90
802.11ax HEW40_Nss1,(MCS0)_1TX	6.66
802.11ax HEW80_Nss1,(MCS0)_1TX	0.28
802.11ax HEW160_Nss1,(MCS0)_1TX	-5.84
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_1TX	10.83
802.11ax HEW20_Nss1,(MCS0)_1TX	10.35
802.11ax HEW40_Nss1,(MCS0)_1TX	6.85
802.11ax HEW80_Nss1,(MCS0)_1TX	-1.75
802.11ax HEW160_Nss1,(MCS0)_1TX	-5.51
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_1TX	10.93
802.11ax HEW20_Nss1,(MCS0)_1TX	10.76
802.11ax HEW40_Nss1,(MCS0)_1TX	7.24
802.11ax HEW80_Nss1,(MCS0)_1TX	3.36
802.11ax HEW160_Nss1,(MCS0)_1TX	-6.04
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	9.96
802.11ax HEW20_Nss1,(MCS0)_1TX	9.65
802.11ax HEW40_Nss1,(MCS0)_1TX	5.96
802.11ax HEW80_Nss1,(MCS0)_1TX	2.30

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	-	-	-	-	-
5180MHz	Pass	5.00	10.92	10.92	17.00
5200MHz	Pass	5.00	10.95	10.95	17.00
5240MHz	Pass	5.00	10.60	10.60	17.00
5260MHz	Pass	5.00	10.57	10.57	11.00
5300MHz	Pass	5.00	10.83	10.83	11.00
5320MHz	Pass	5.00	8.41	8.41	11.00
5500MHz	Pass	5.00	9.27	9.27	11.00
5580MHz	Pass	5.00	10.77	10.77	11.00
5700MHz	Pass	5.00	8.02	8.02	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.00	10.93	10.93	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.00	6.83	6.83	30.00
5745MHz	Pass	5.00	9.96	9.96	30.00
5785MHz	Pass	5.00	9.93	9.93	30.00
5825MHz	Pass	5.00	9.88	9.88	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	5.00	10.87	10.87	17.00
5200MHz	Pass	5.00	10.90	10.90	17.00
5240MHz	Pass	5.00	10.28	10.28	17.00
5260MHz	Pass	5.00	10.31	10.31	11.00
5300MHz	Pass	5.00	10.35	10.35	11.00
5320MHz	Pass	5.00	8.25	8.25	11.00
5500MHz	Pass	5.00	8.23	8.23	11.00
5580MHz	Pass	5.00	10.45	10.45	11.00
5700MHz	Pass	5.00	4.63	4.63	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.00	10.76	10.76	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.00	6.73	6.73	30.00
5745MHz	Pass	5.00	9.65	9.65	30.00
5785MHz	Pass	5.00	9.56	9.56	30.00
5825MHz	Pass	5.00	9.42	9.42	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	5.00	5.53	5.53	11.00
5230MHz	Pass	5.00	6.66	6.66	17.00
5270MHz	Pass	5.00	6.85	6.85	11.00
5310MHz	Pass	5.00	2.40	2.40	11.00
5510MHz	Pass	5.00	4.25	4.25	11.00
5550MHz	Pass	5.00	7.24	7.24	11.00
5670MHz	Pass	5.00	3.62	3.62	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.00	7.07	7.07	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.00	1.00	1.00	30.00
5755MHz	Pass	5.00	5.55	5.55	30.00
5795MHz	Pass	5.00	5.96	5.96	30.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	5.00	0.28	0.28	11.00
5290MHz	Pass	5.00	-1.75	-1.75	11.00
5530MHz	Pass	5.00	0.37	0.37	11.00
5610MHz	Pass	5.00	0.34	0.34	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.00	3.36	3.36	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.00	-3.04	-3.04	30.00
5775MHz	Pass	5.00	2.30	2.30	30.00
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-



PSD

<Full RU> UNII1~UNII3_Non-Beamforming Mode_Ant.2 (1TX)

Appendix D.2

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
5250MHz Straddle 5.15-5.25GHz	Pass	5.00	-5.84	-5.84	11.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.00	-5.51	-5.51	11.00
5570MHz	Pass	5.00	-6.04	-6.04	11.00

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

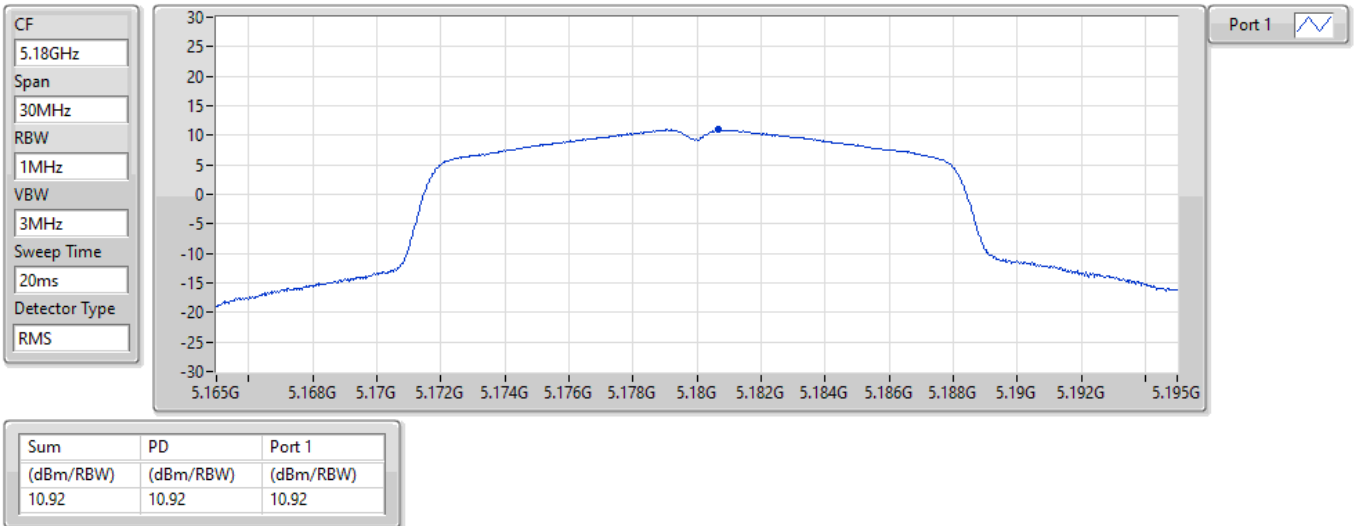
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11a_Nss1,(6Mbps)_1TX

PSD

5180MHz

21/05/2022

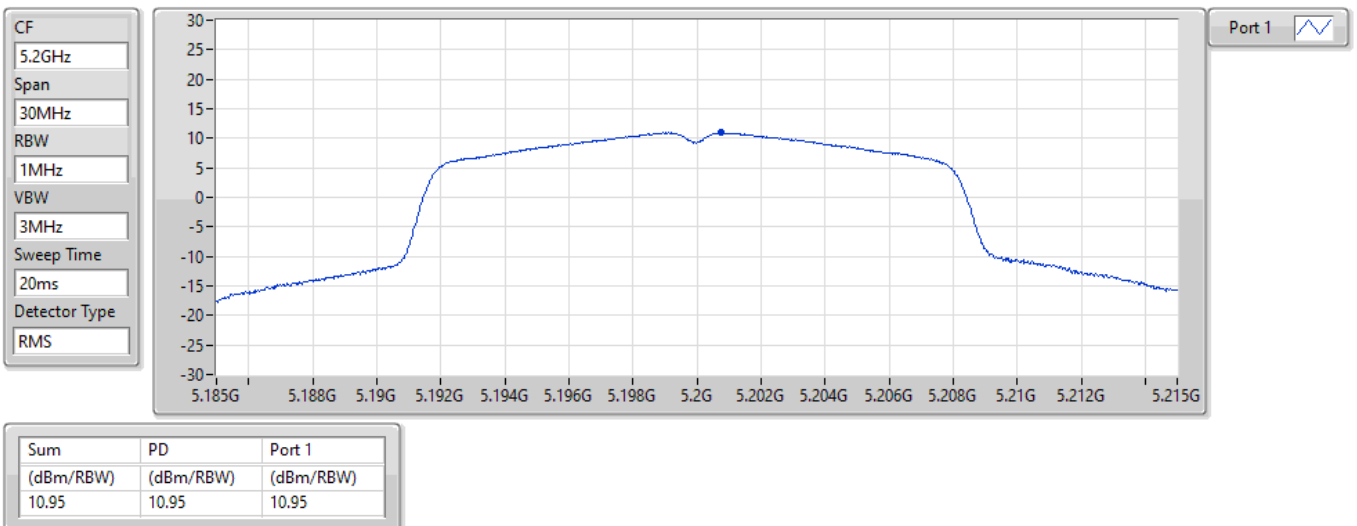


802.11a_Nss1,(6Mbps)_1TX

PSD

5200MHz

21/05/2022



802.11a_Nss1,(6Mbps)_1TX

PSD

5240MHz

19/05/2022

CF
5.24GHz

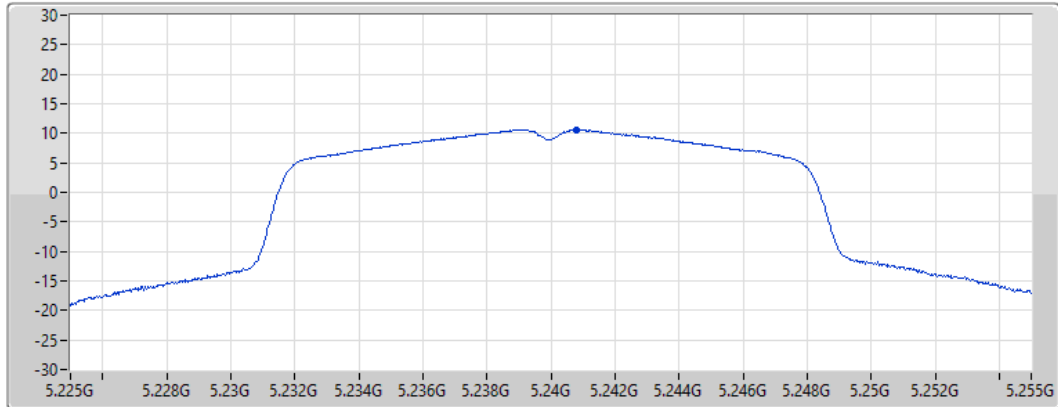
Span
30MHz

RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)
10.60	10.60	10.60

802.11a_Nss1,(6Mbps)_1TX

PSD

5260MHz

19/05/2022

CF
5.26GHz

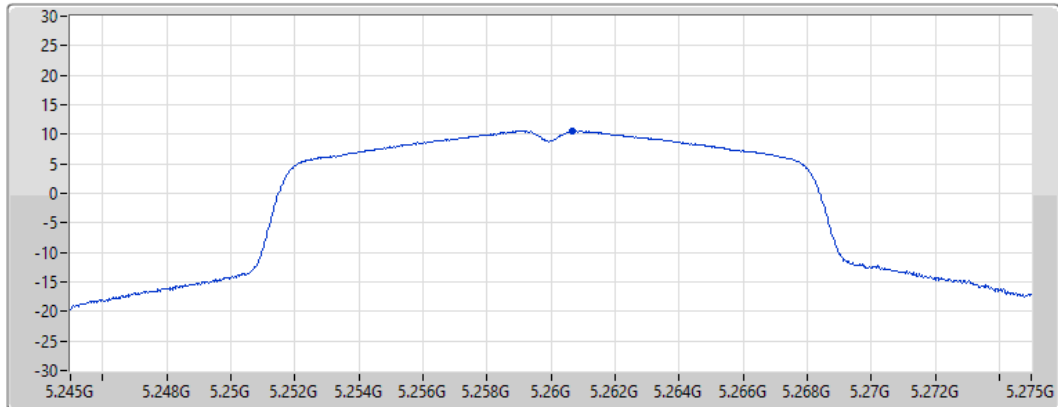
Span
30MHz

RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)
10.57	10.57	10.57

802.11a_Nss1,(6Mbps)_1TX

PSD

5300MHz

19/05/2022

CF
5.3GHz

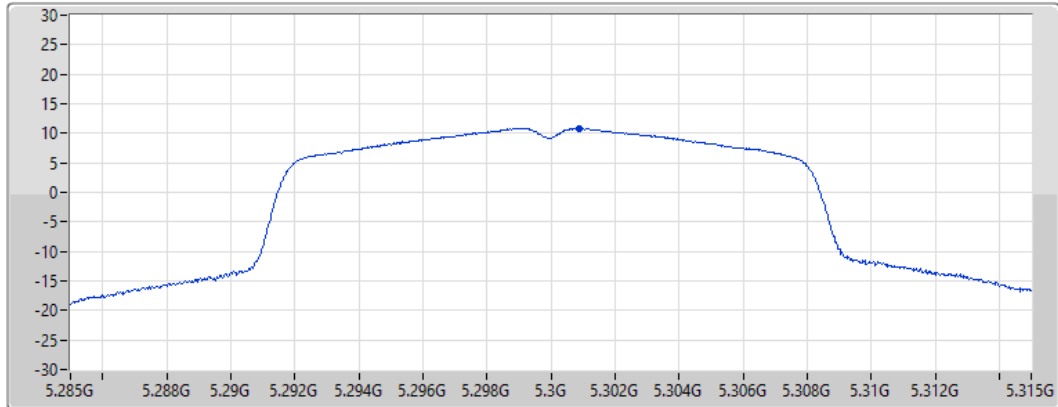
Span
30MHz

RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.83	10.83	10.83

802.11a_Nss1,(6Mbps)_1TX

PSD

5320MHz

02/06/2022

CF
5.32GHz

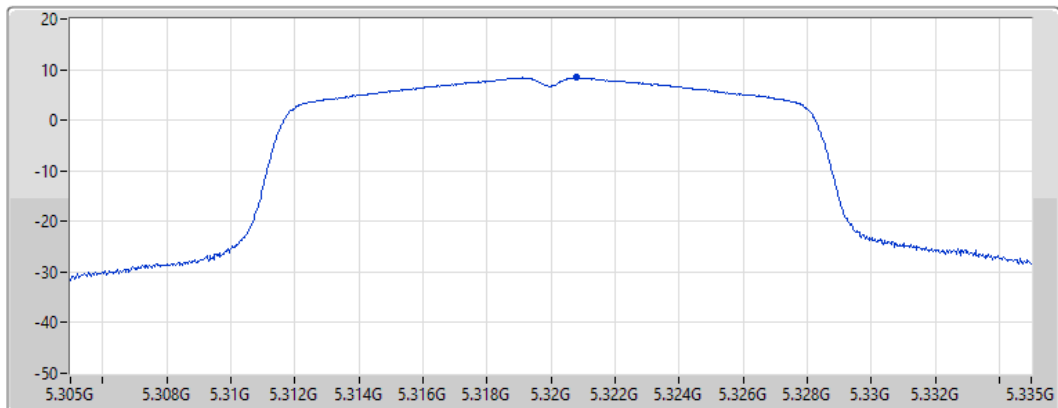
Span
30MHz

RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS



Port 1

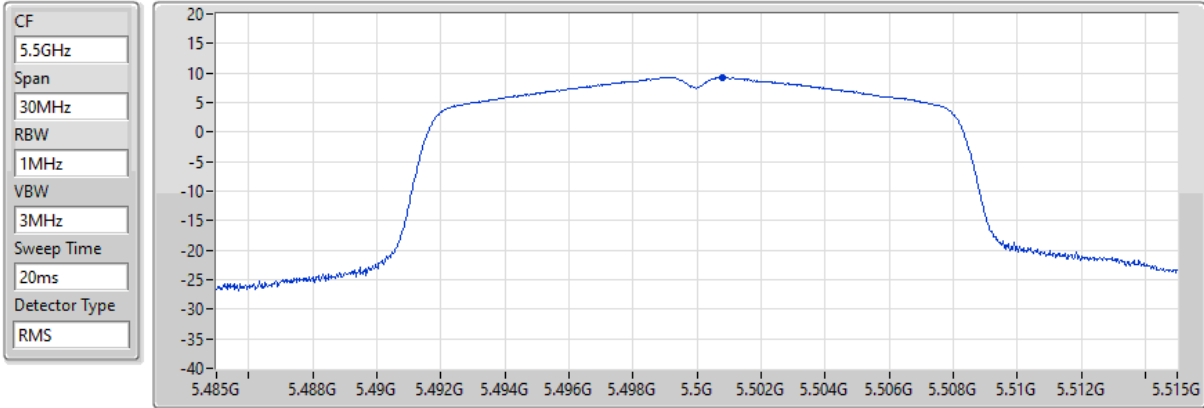
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.41	8.41	8.41

802.11a_Nss1,(6Mbps)_1TX

PSD

5500MHz

02/06/2022

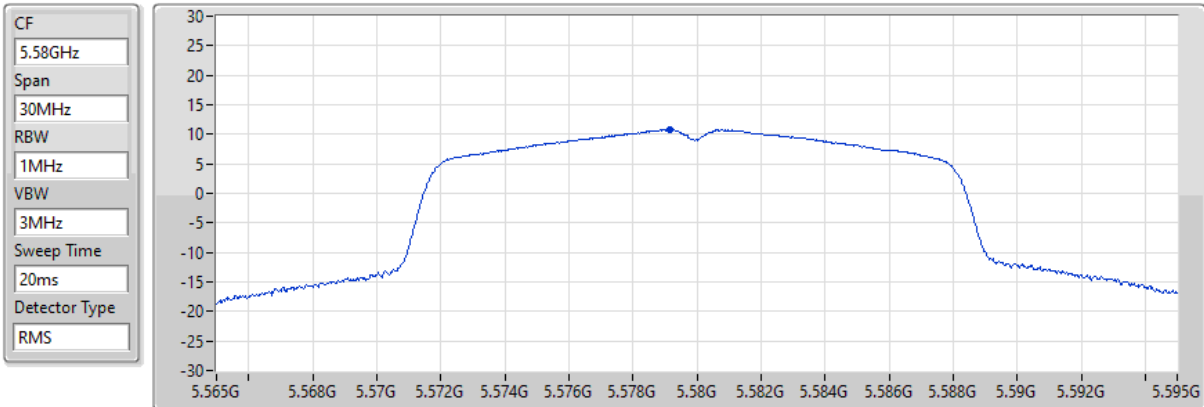


802.11a_Nss1,(6Mbps)_1TX

PSD

5580MHz

19/05/2022

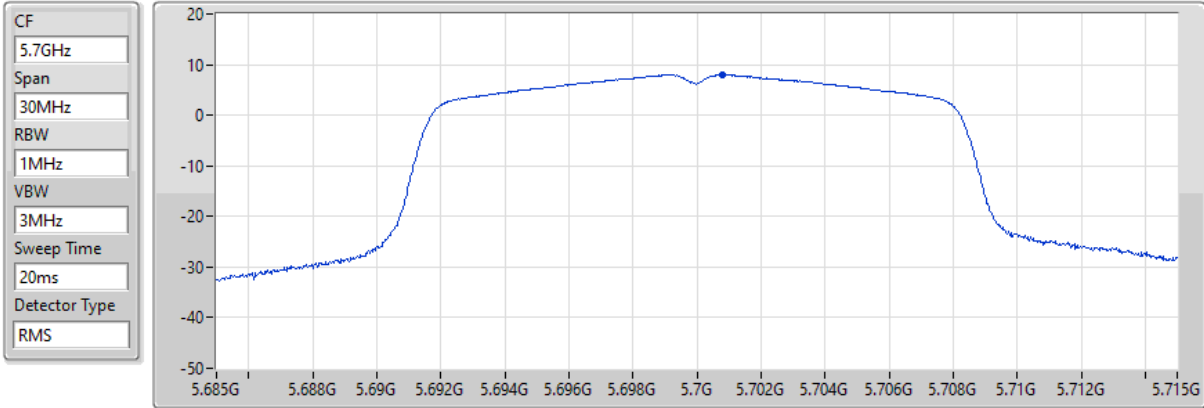


802.11a_Nss1,(6Mbps)_1TX

PSD

5700MHz

02/06/2022



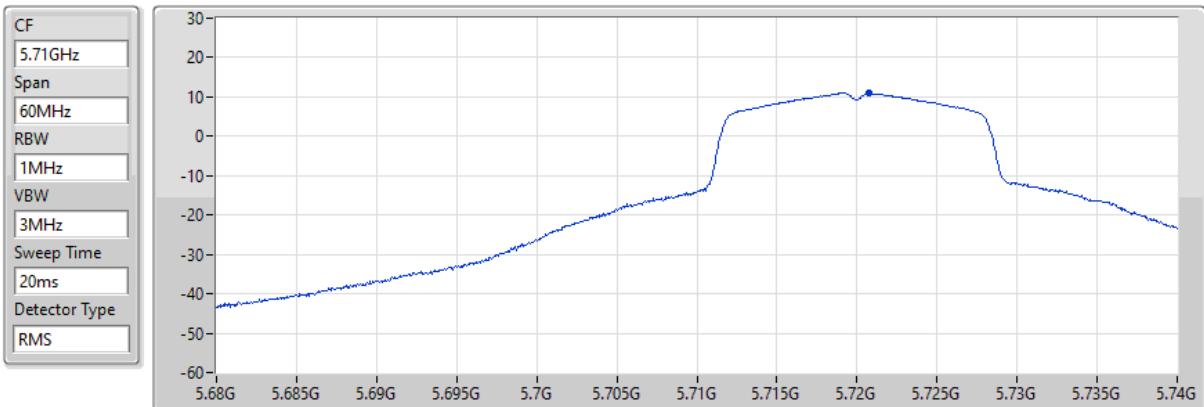
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.02	8.02	8.02

802.11a_Nss1,(6Mbps)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

19/05/2022



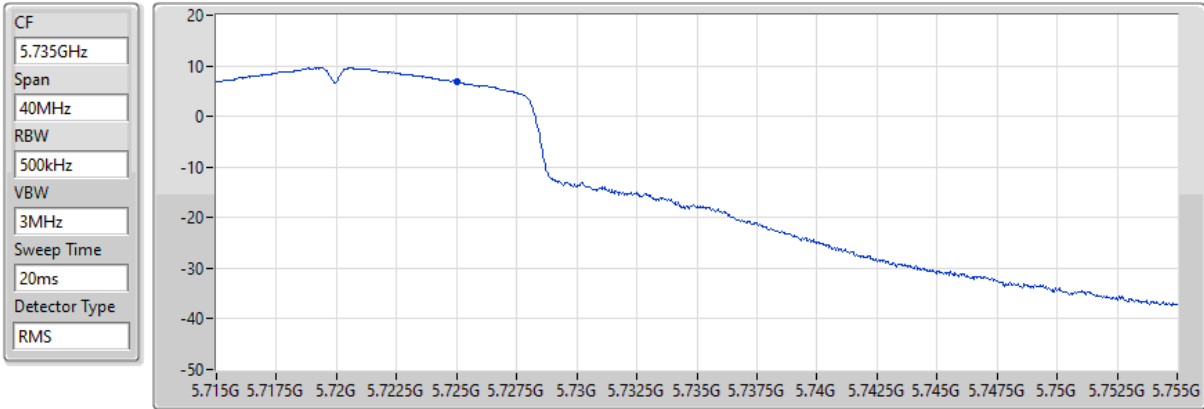
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.93	10.93	10.93

802.11a_Nss1,(6Mbps)_1TX

5720MHz Straddle 5.725-5.85GHz

PSD

19/05/2022

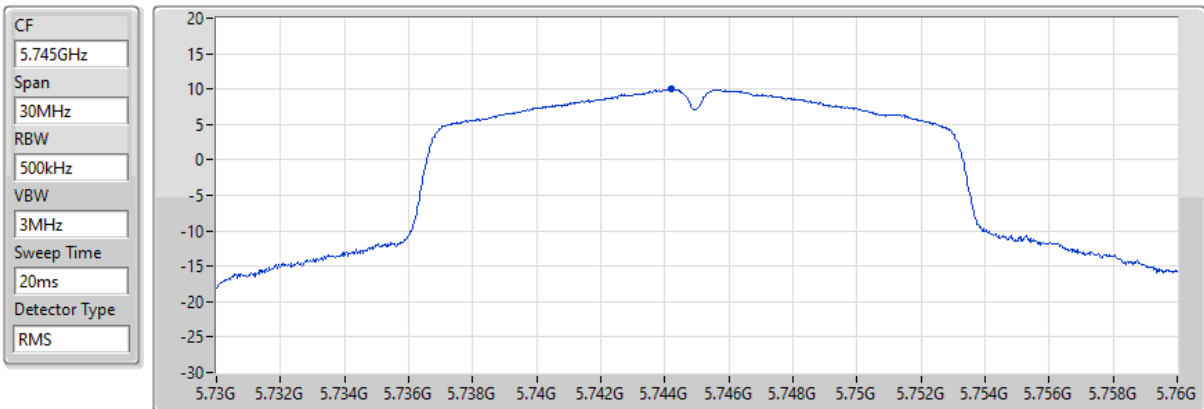


802.11a_Nss1,(6Mbps)_1TX

5745MHz

PSD

19/05/2022

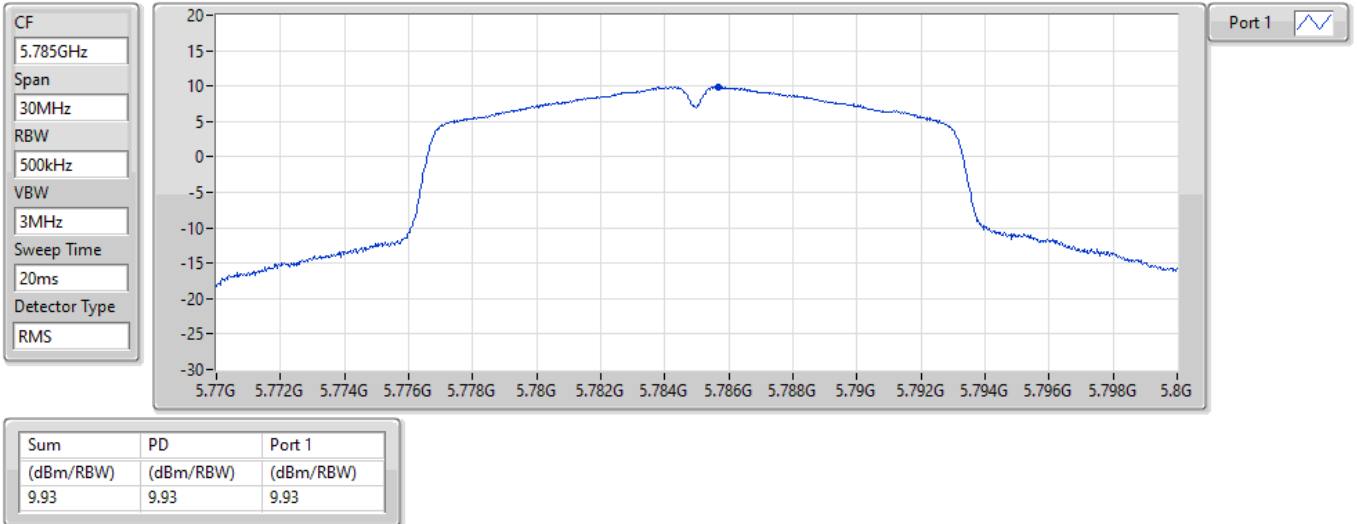


802.11a_Nss1,(6Mbps)_1TX

PSD

5785MHz

19/05/2022

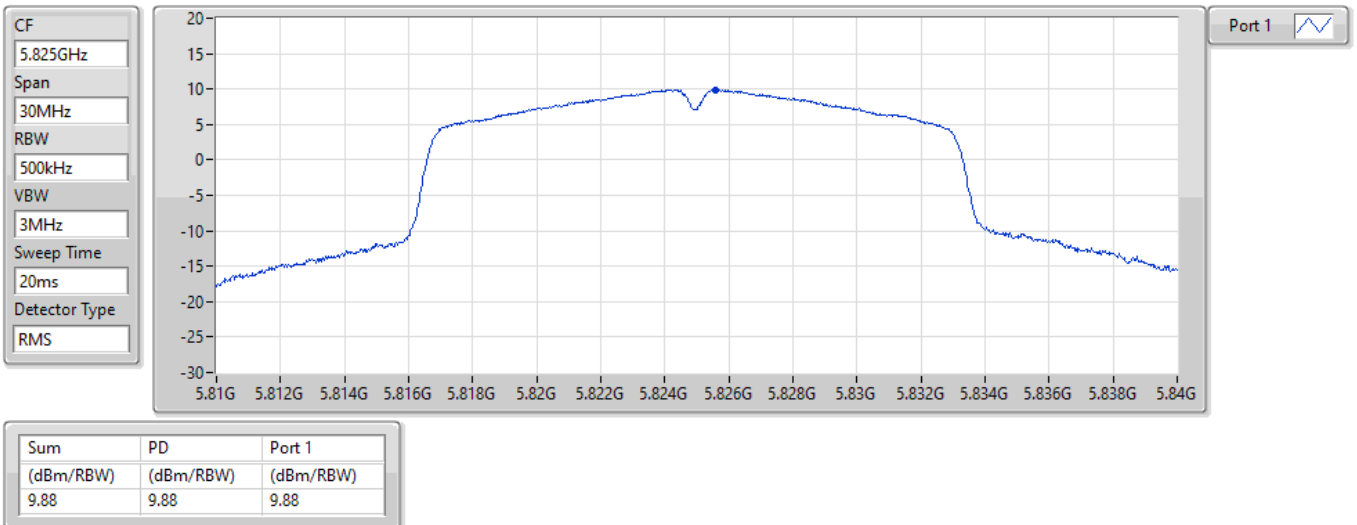


802.11a_Nss1,(6Mbps)_1TX

PSD

5825MHz

19/05/2022

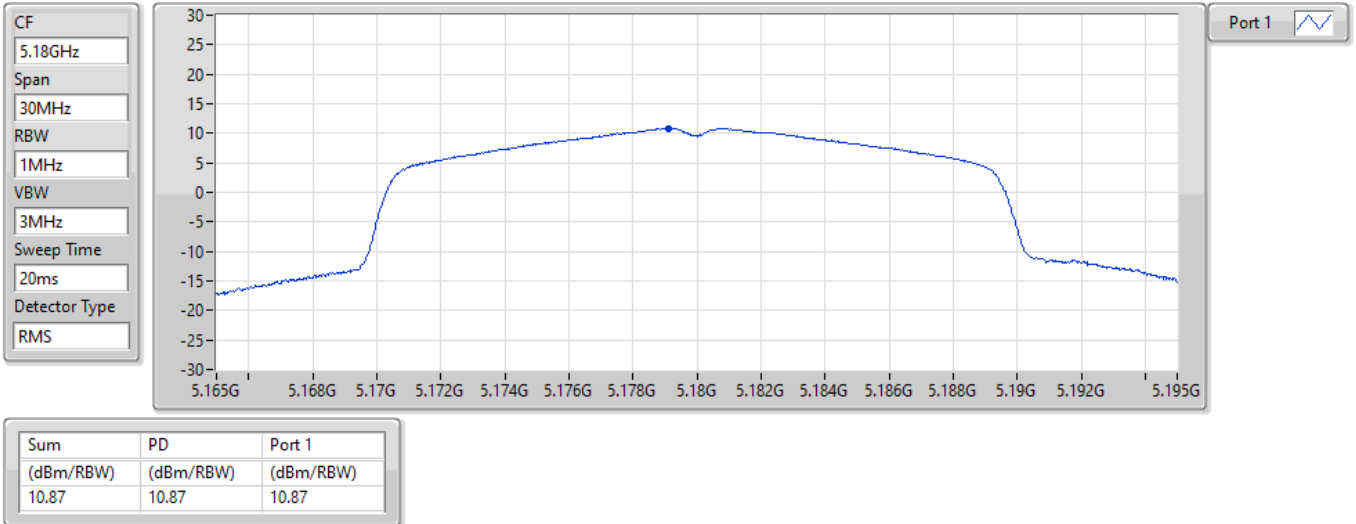


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5180MHz

21/05/2022

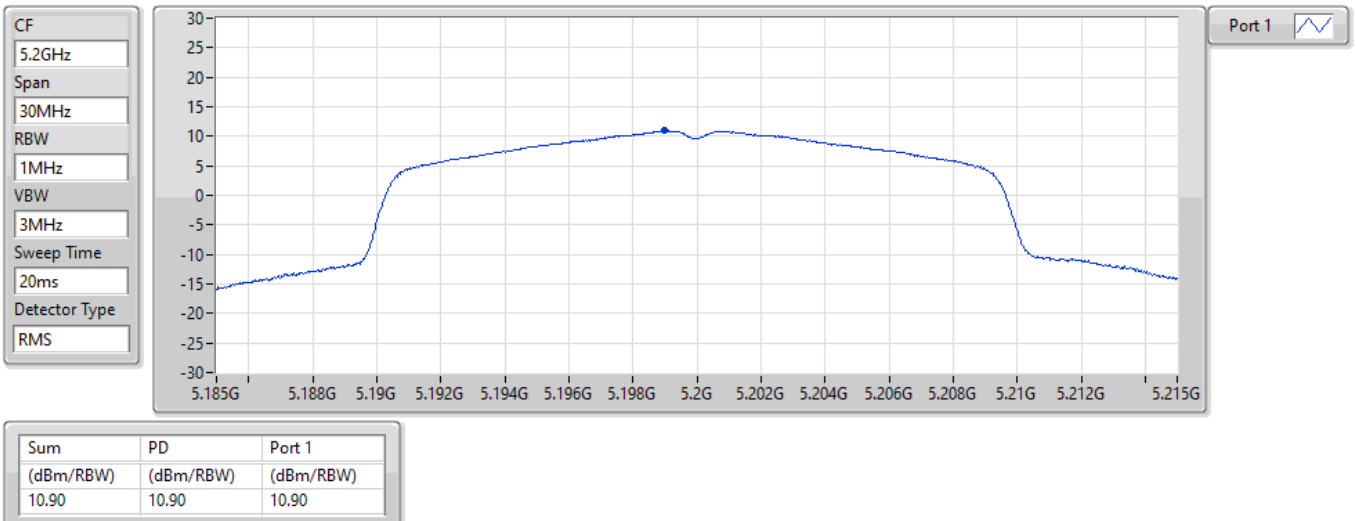


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5200MHz

21/05/2022

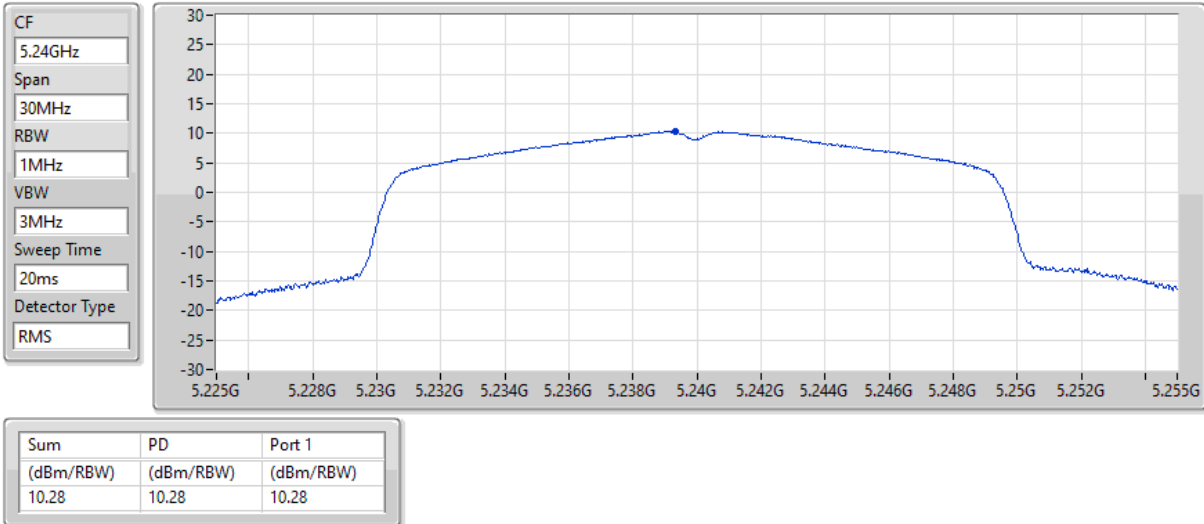


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5240MHz

19/05/2022

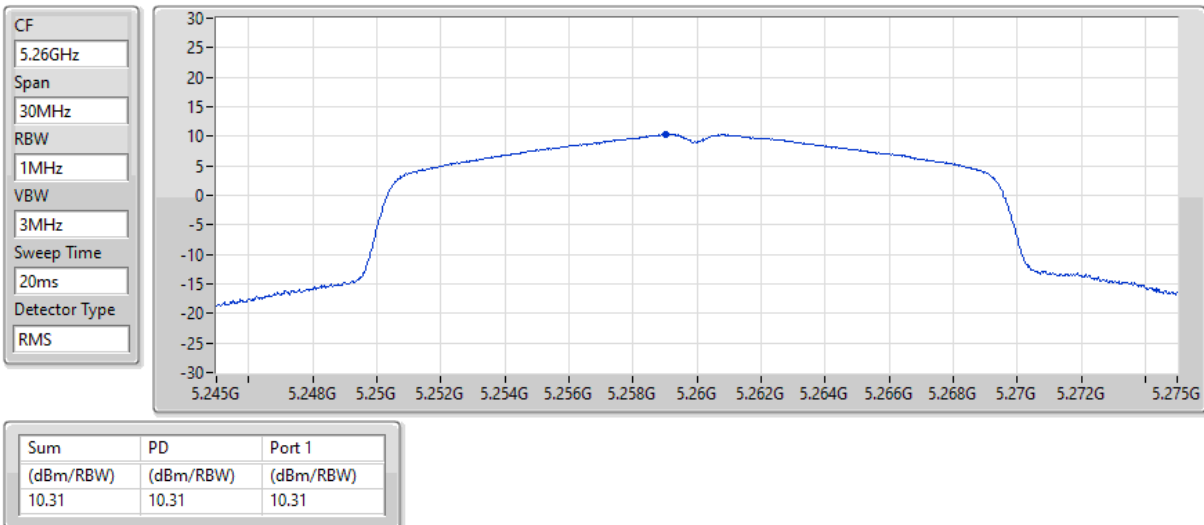


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5260MHz

19/05/2022

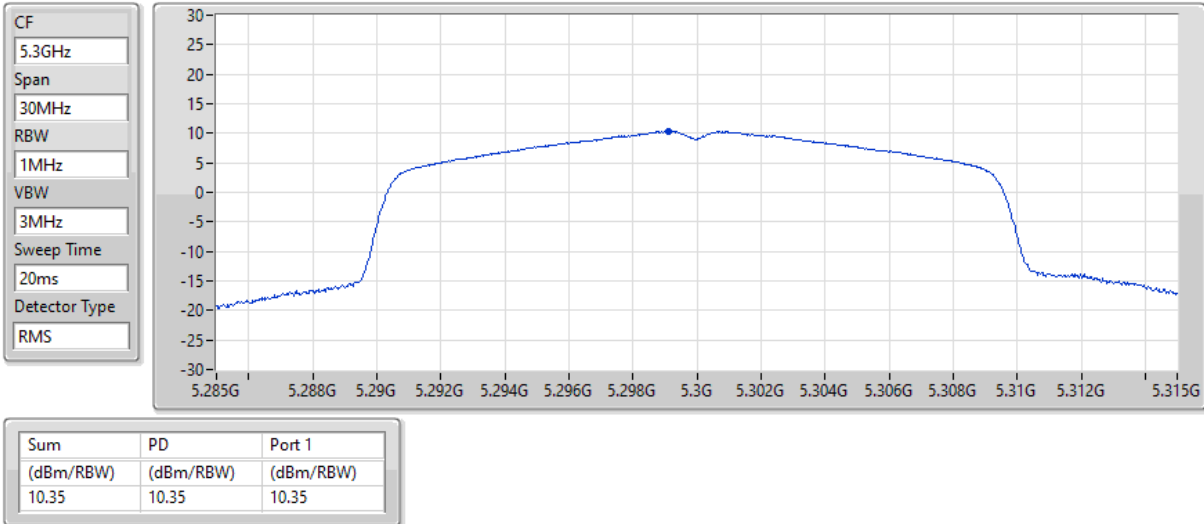


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5300MHz

19/05/2022

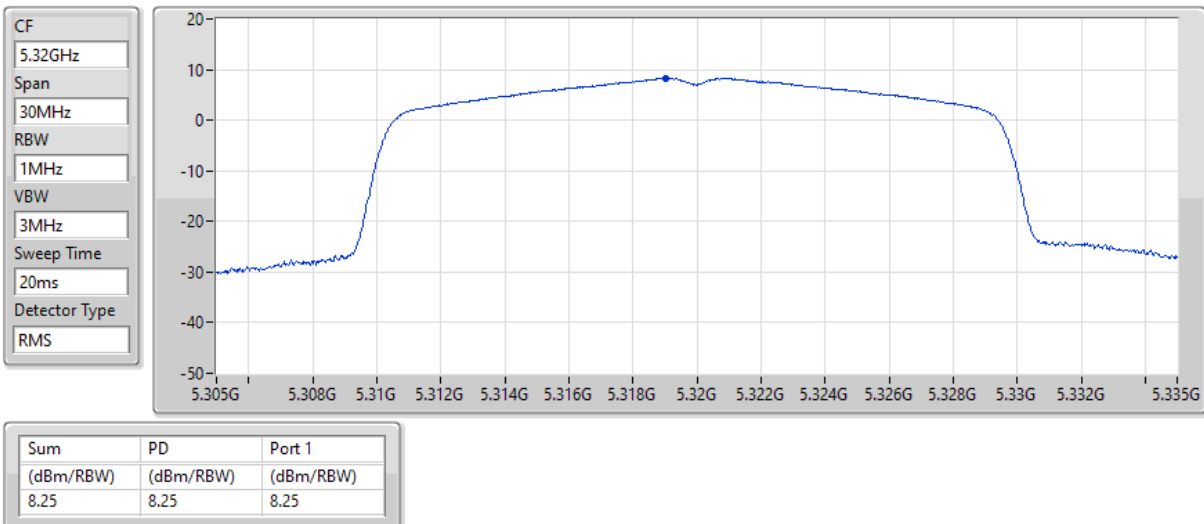


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5320MHz

02/06/2022

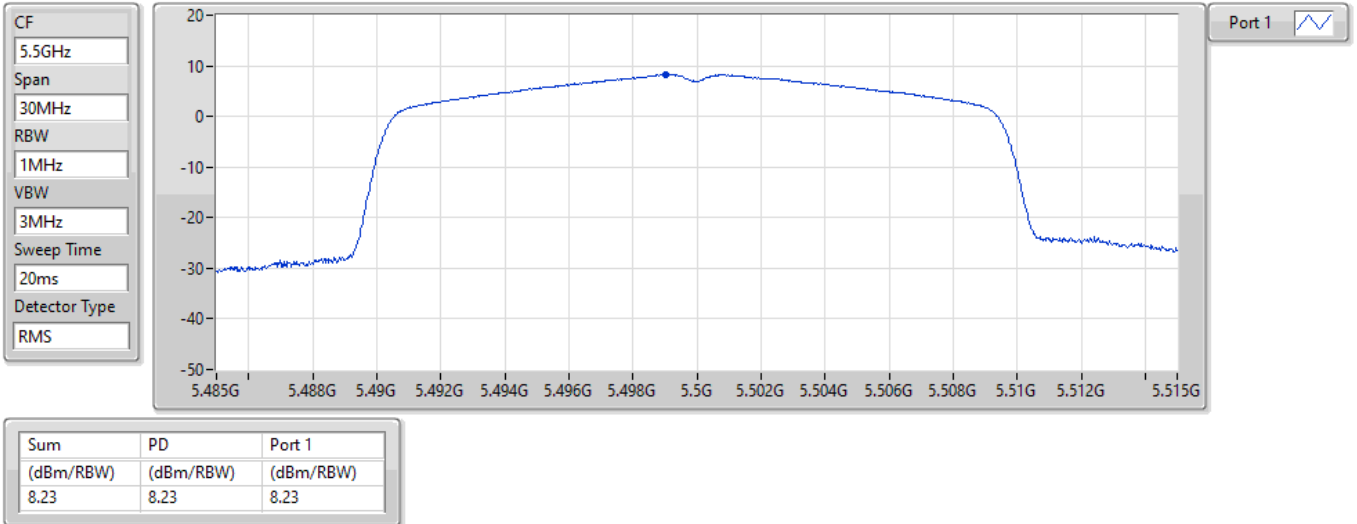


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5500MHz

20/05/2022

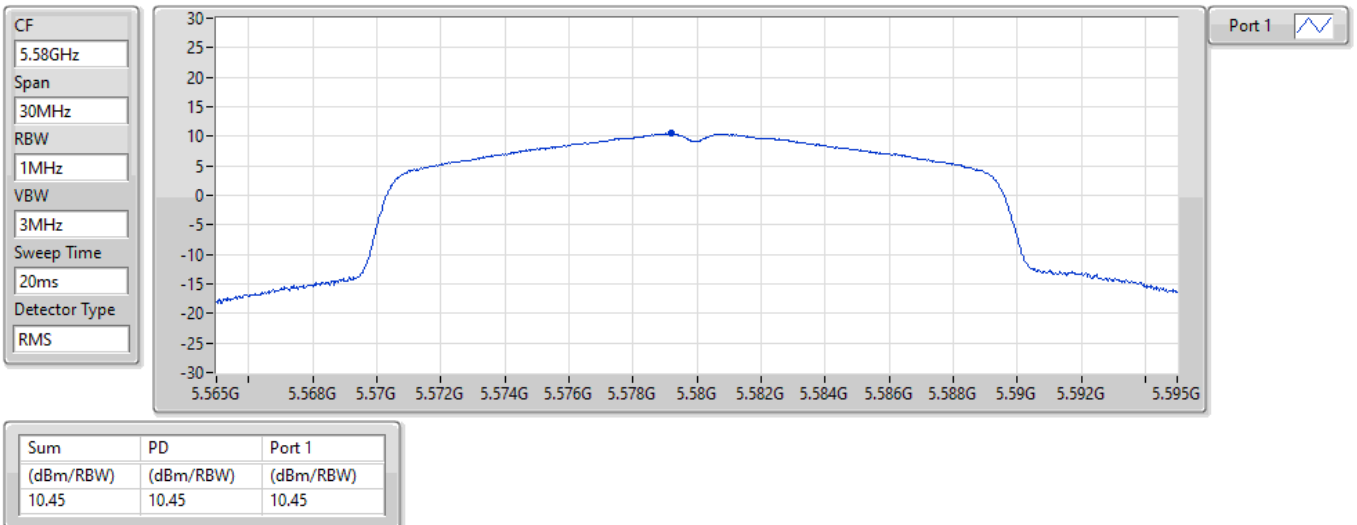


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5580MHz

19/05/2022

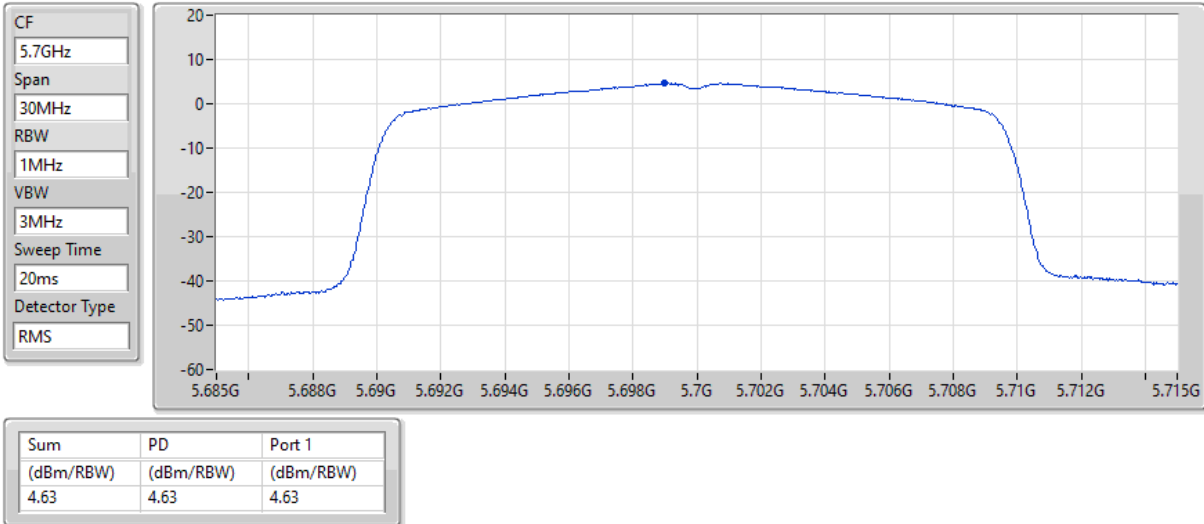


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5700MHz

19/05/2022



802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

19/05/2022

