



**For Non-beamforming / 4T1S mode  
Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	10.92
802.11ax HEW20_Nss1,(MCS0)_4TX	10.90
802.11ax HEW40_Nss1,(MCS0)_4TX	6.26
802.11ax HEW80_Nss1,(MCS0)_4TX	-1.23
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	12.29
802.11ax HEW20_Nss1,(MCS0)_4TX	11.36
802.11ax HEW40_Nss1,(MCS0)_4TX	6.94
802.11ax HEW80_Nss1,(MCS0)_4TX	-0.13

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



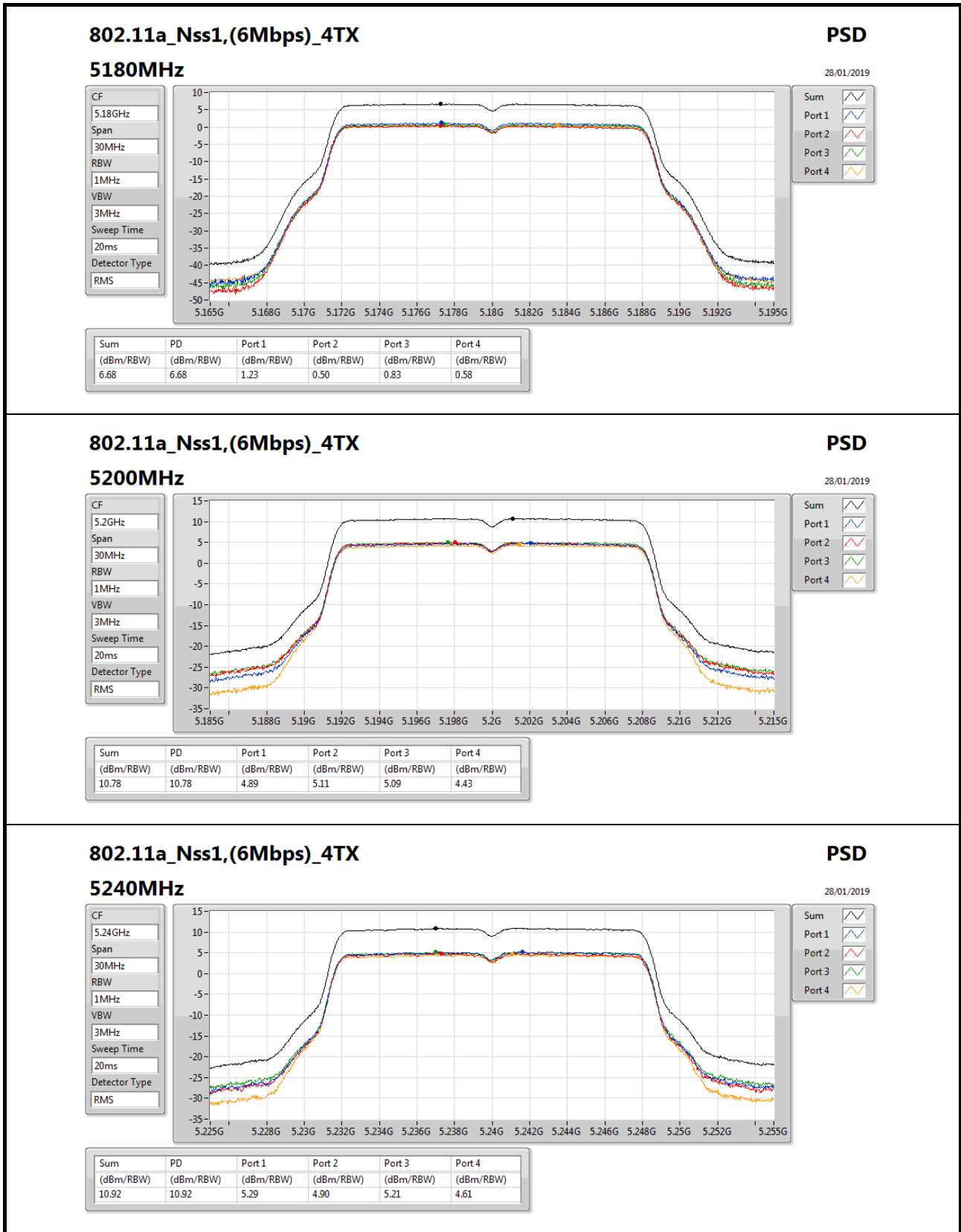
**PSD Result\_Radio 1**

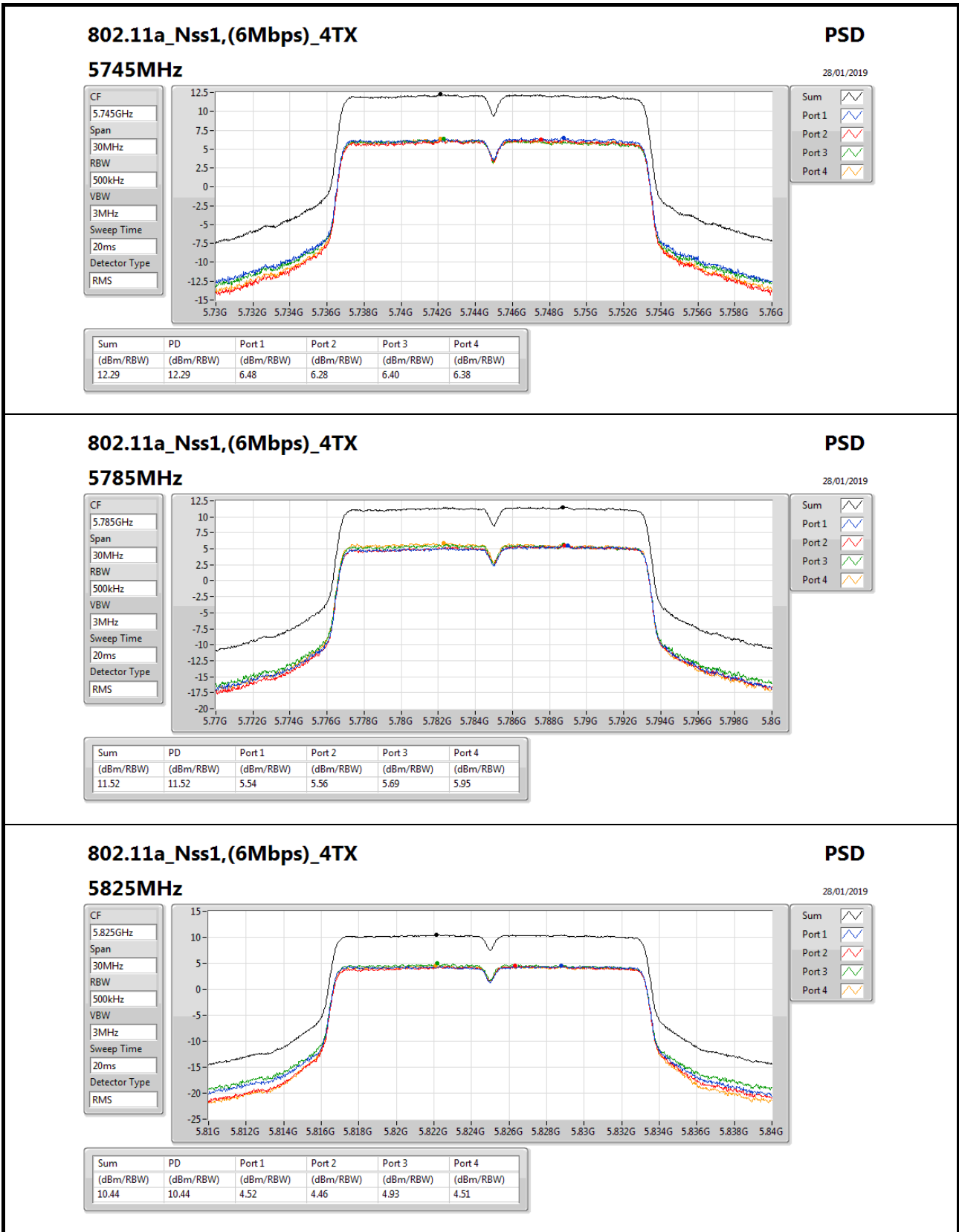
**Appendix D.8**

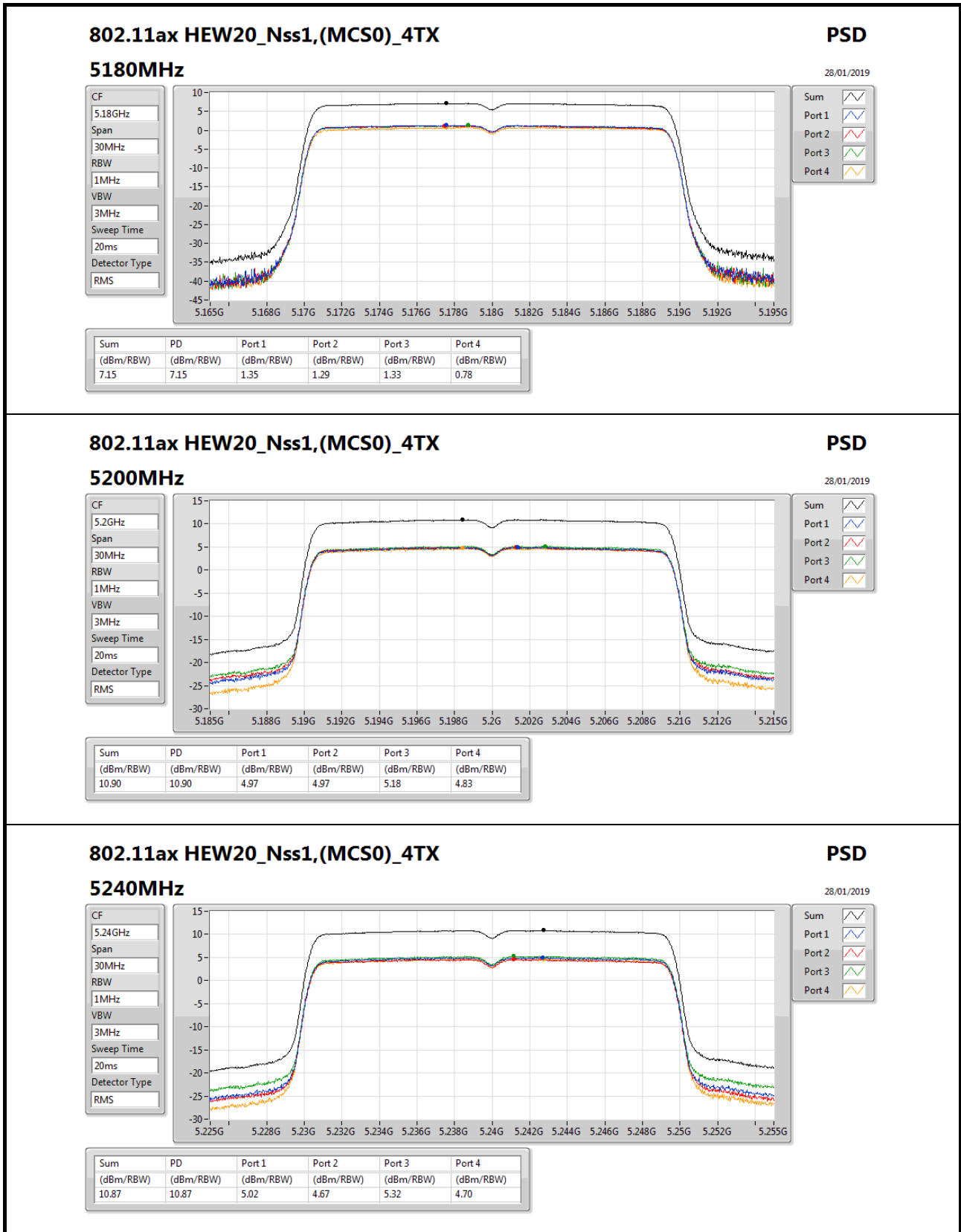
**Result**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	12.02	1.23	0.50	0.83	0.58	6.68	10.98
5200MHz	Pass	12.02	4.89	5.11	5.09	4.43	10.78	10.98
5240MHz	Pass	12.02	5.29	4.90	5.21	4.61	10.92	10.98
5745MHz	Pass	12.02	6.48	6.28	6.40	6.38	12.29	23.98
5785MHz	Pass	12.02	5.54	5.56	5.69	5.95	11.52	23.98
5825MHz	Pass	12.02	4.52	4.46	4.93	4.51	10.44	23.98
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	12.02	1.35	1.29	1.33	0.78	7.15	10.98
5200MHz	Pass	12.02	4.97	4.97	5.18	4.83	10.90	10.98
5240MHz	Pass	12.02	5.02	4.67	5.32	4.70	10.87	10.98
5745MHz	Pass	12.02	5.51	5.41	5.30	5.51	11.36	23.98
5785MHz	Pass	12.02	4.57	4.82	5.08	5.09	10.79	23.98
5825MHz	Pass	12.02	4.03	4.12	4.34	4.01	9.99	23.98
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	12.02	-3.59	-4.10	-3.85	-4.37	1.97	10.98
5230MHz	Pass	12.02	0.44	0.18	0.50	0.25	6.26	10.98
5755MHz	Pass	12.02	-0.29	-0.31	-0.01	0.23	5.81	23.98
5795MHz	Pass	12.02	0.88	1.18	1.13	1.14	6.94	23.98
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	12.02	-6.83	-7.46	-6.77	-7.56	-1.23	10.98
5775MHz	Pass	12.02	-6.21	-5.93	-5.84	-6.11	-0.13	23.98

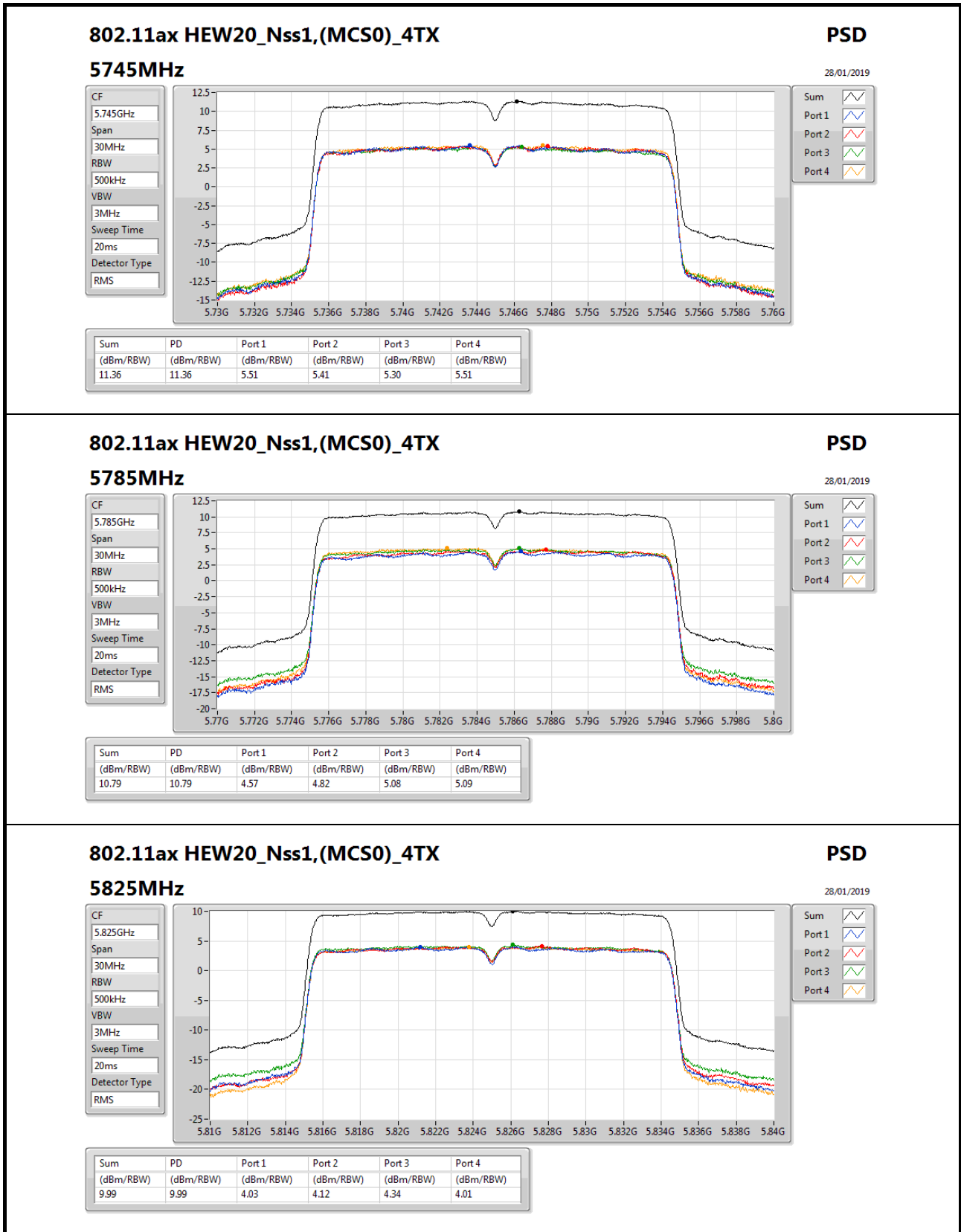
**DG** = Directional Gain; **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;  
**PD** = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port Xpower density;

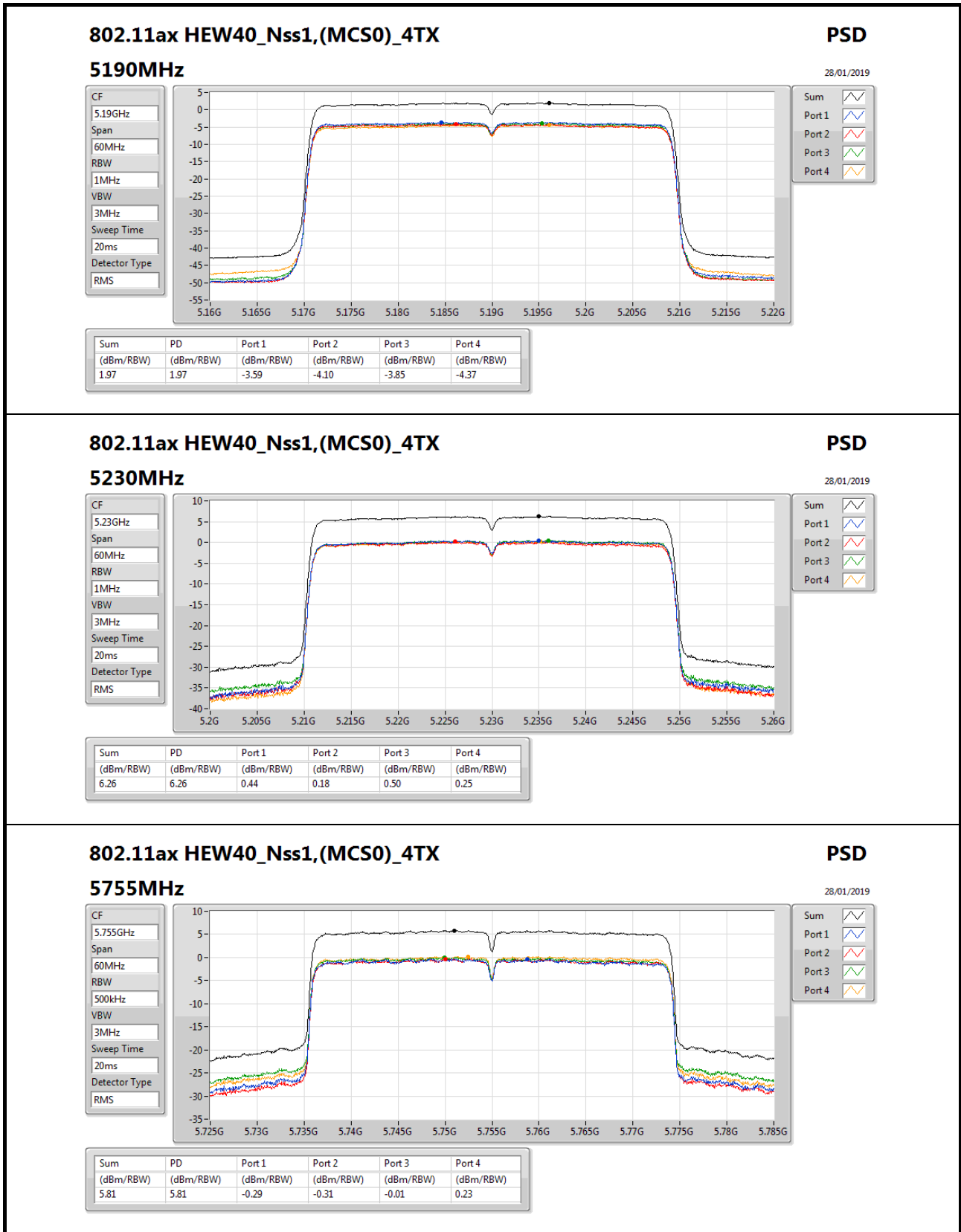












### 802.11ax HEW40\_Nss1,(MCS0)\_4TX

#### 5755MHz

CF: 5.755GHz

Span: 60MHz

RBW: 500kHz

VBW: 3MHz

Sweep Time: 20ms

Detector Type: RMS

PSD

28/01/2019

Sum

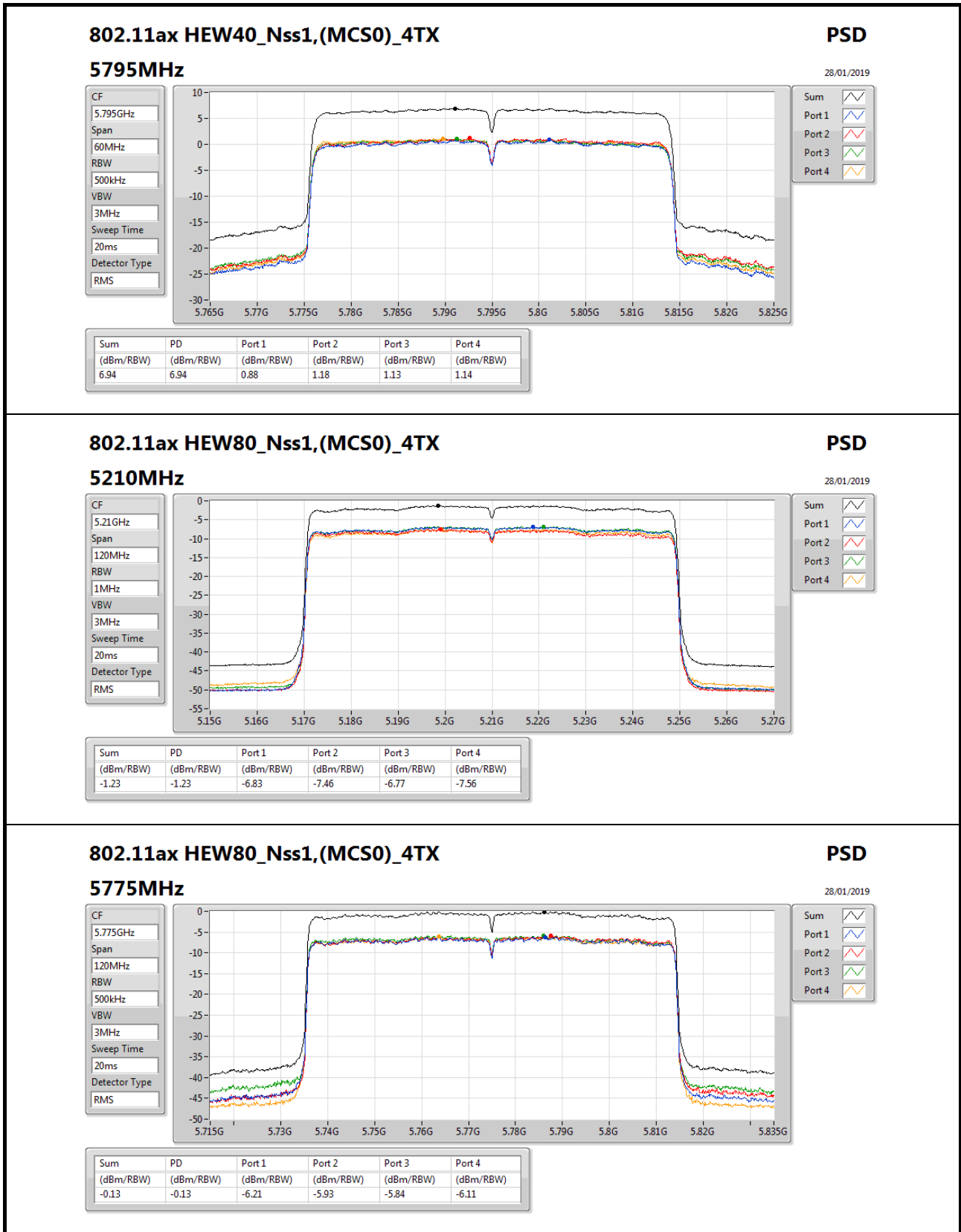
Port 1

Port 2

Port 3

Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.81	5.81	-0.29	-0.31	-0.01	0.23





**For Beamforming / 4T1S mode  
Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	10.96
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	7.92
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	0.06
5.725-5.85GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	9.86
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	7.01
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	0.44

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



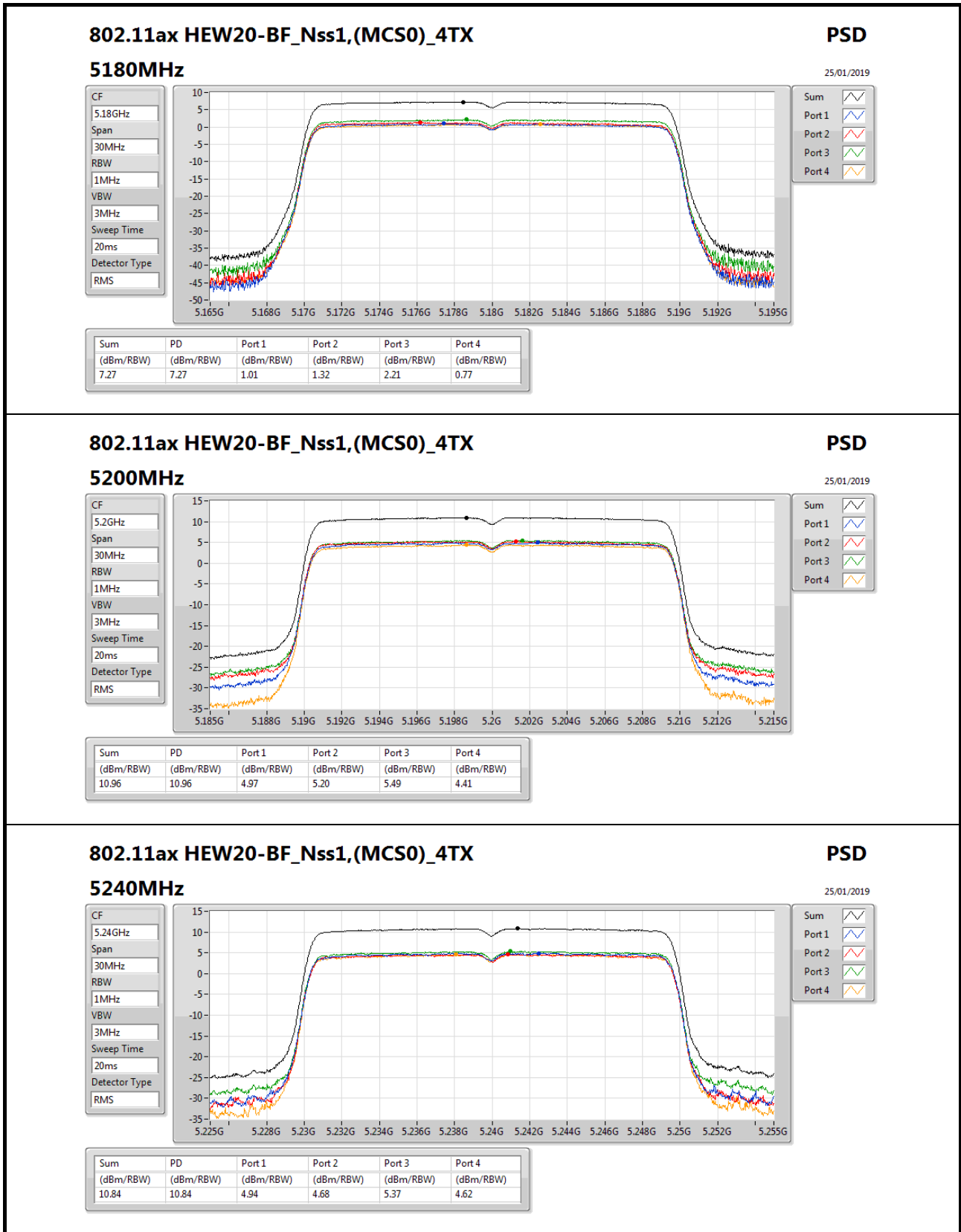
**PSD Result\_Radio 1**

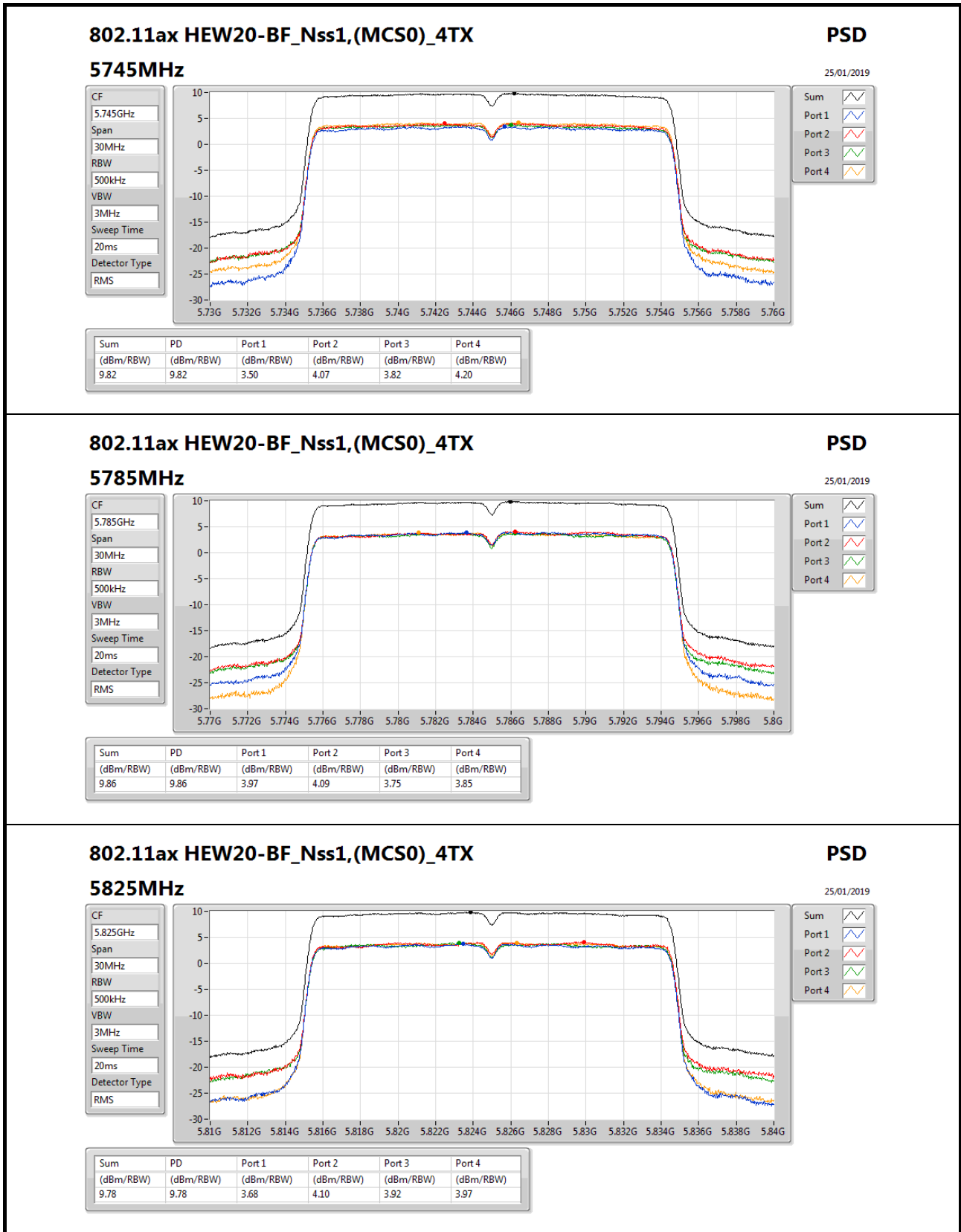
**Result**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	12.02	1.01	1.32	2.21	0.77	7.27	10.98
5200MHz	Pass	12.02	4.97	5.20	5.49	4.41	10.96	10.98
5240MHz	Pass	12.02	4.94	4.68	5.37	4.62	10.84	10.98
5745MHz	Pass	12.02	3.50	4.07	3.82	4.20	9.82	23.98
5785MHz	Pass	12.02	3.97	4.09	3.75	3.85	9.86	23.98
5825MHz	Pass	12.02	3.68	4.10	3.92	3.97	9.78	23.98
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	12.02	-3.05	-2.96	-2.96	-3.60	2.75	10.98
5230MHz	Pass	12.02	1.78	2.15	2.29	1.75	7.92	10.98
5755MHz	Pass	12.02	-0.04	0.76	0.37	0.99	6.48	23.98
5795MHz	Pass	12.02	0.67	1.61	0.48	1.54	7.01	23.98
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	12.02	-5.71	-5.75	-5.97	-5.96	0.06	10.98
5775MHz	Pass	12.02	-5.88	-5.07	-5.53	-5.68	0.44	23.98

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

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





### 802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

#### 5825MHz

### PSD

25/01/2019

CF  
5.825GHz

Span  
30MHz

RBW  
500kHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



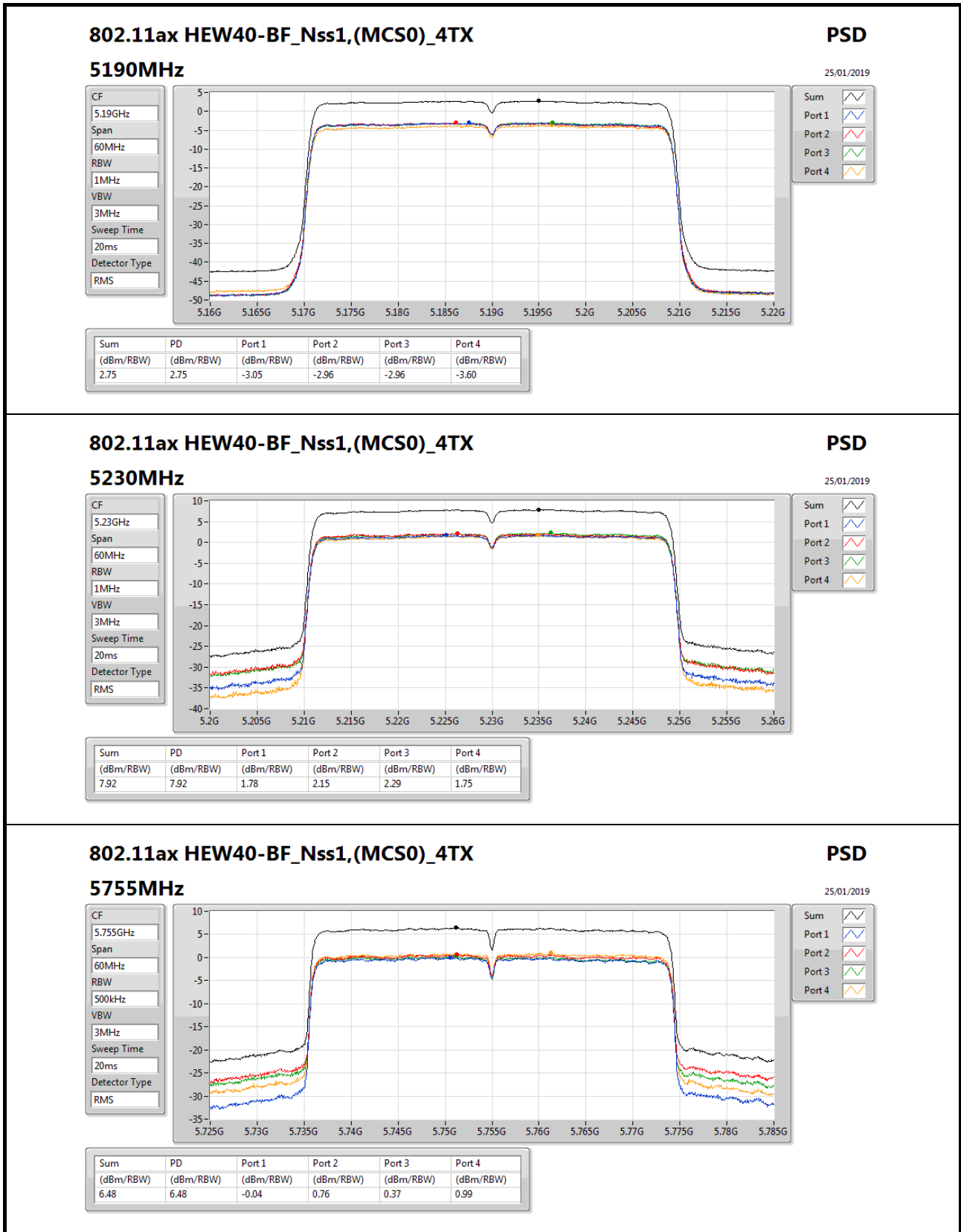
Sum 

Port 1 

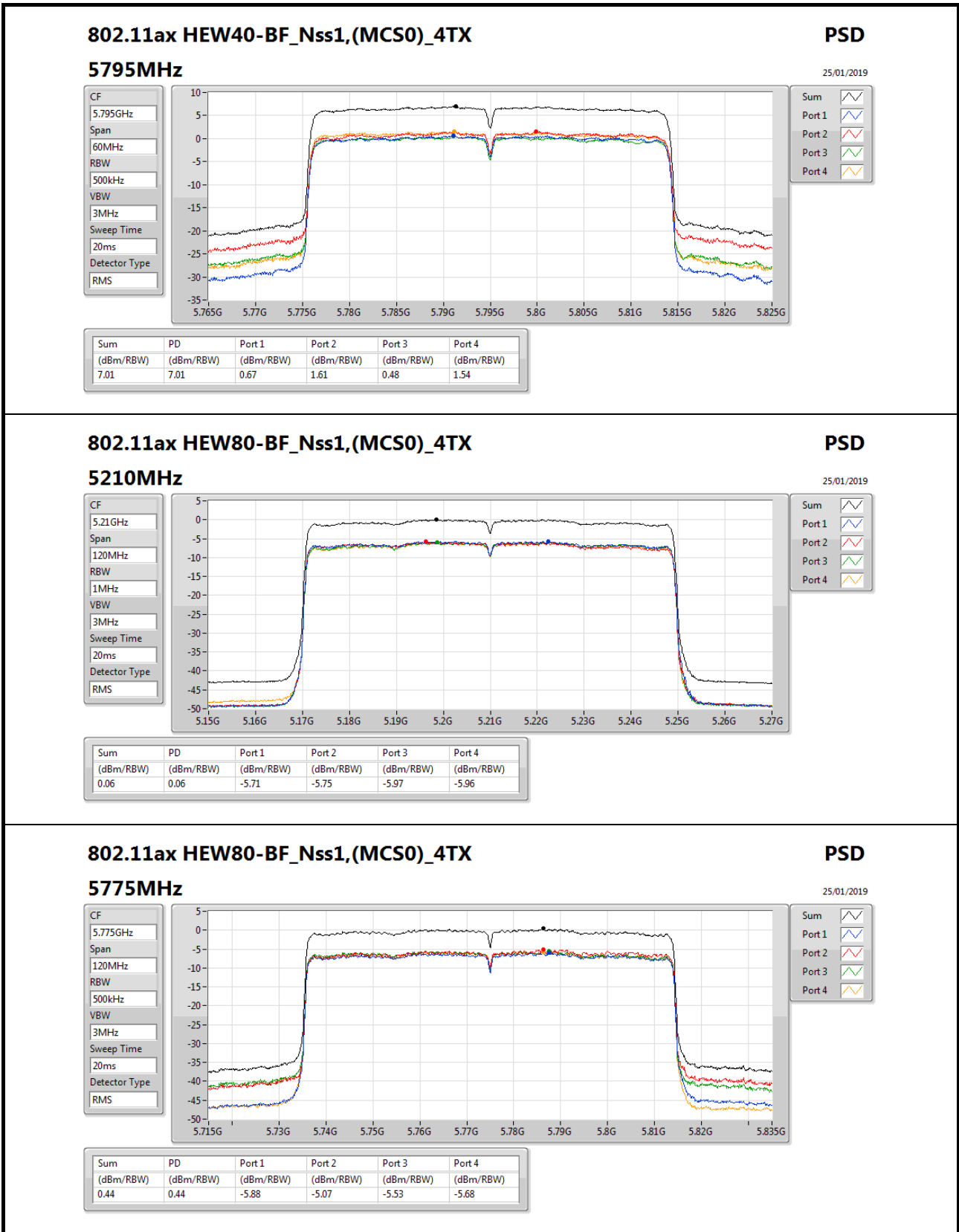
Port 2 

Port 3 

Port 4 









**For Non-beamforming / 4T4S mode  
Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20_Nss4,(MCS0)_4TX	13.07
802.11ax HEW40_Nss4,(MCS0)_4TX	5.68
802.11ax HEW80_Nss4,(MCS0)_4TX	-3.48
5.725-5.85GHz	-
802.11ax HEW20_Nss4,(MCS0)_4TX	12.24
802.11ax HEW40_Nss4,(MCS0)_4TX	7.28
802.11ax HEW80_Nss4,(MCS0)_4TX	0.83

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



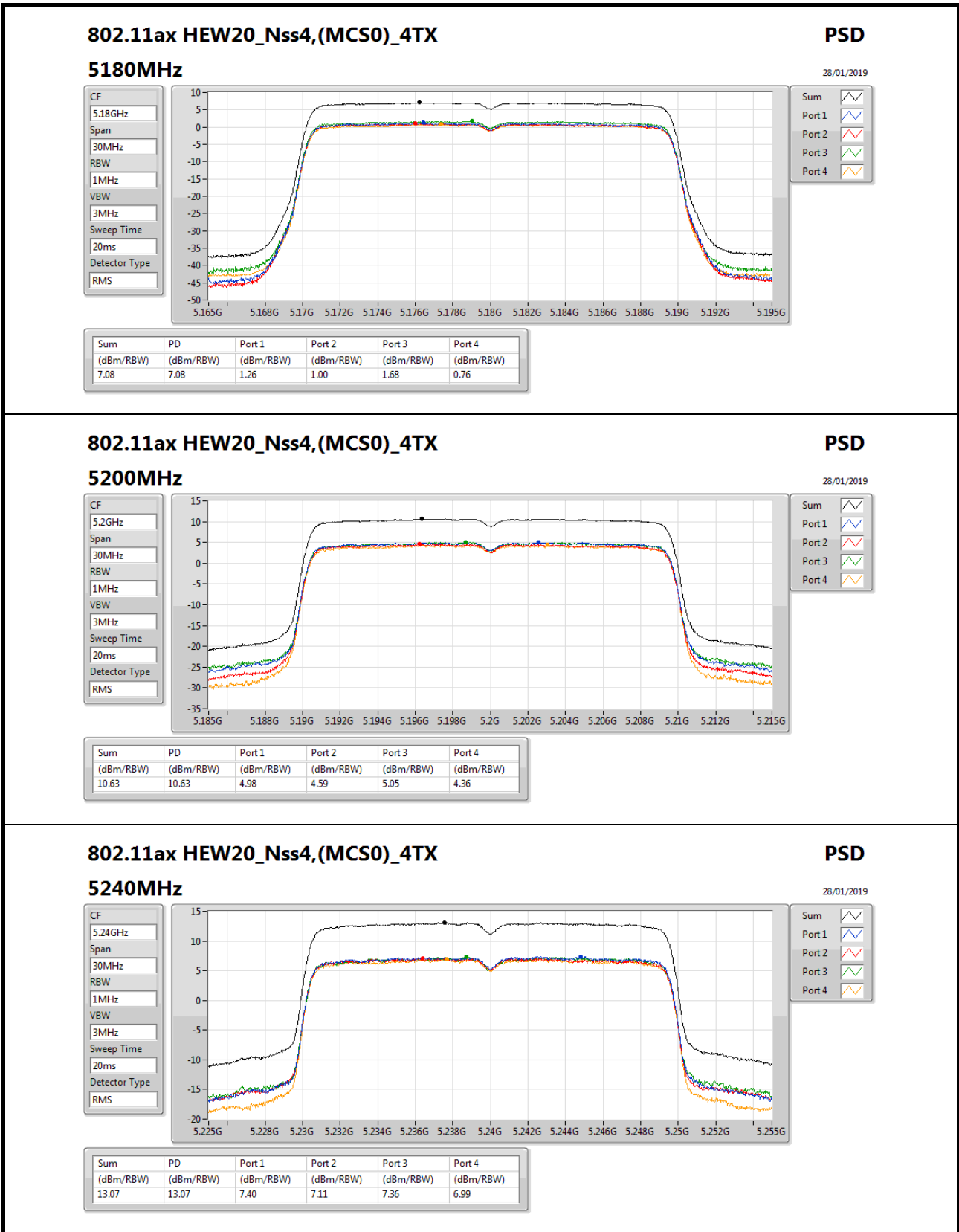
**PSD Result\_Radio 1**

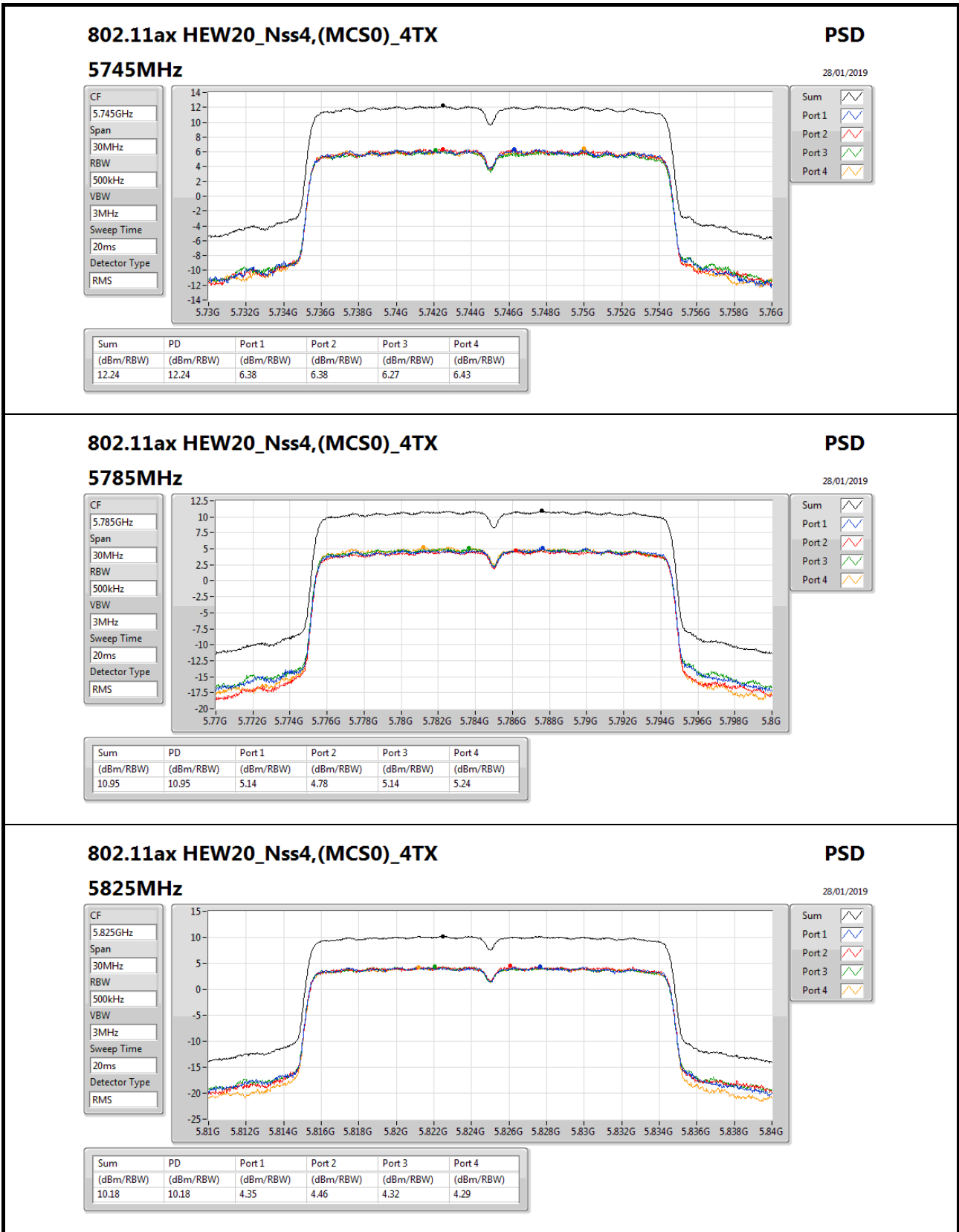
**Result**

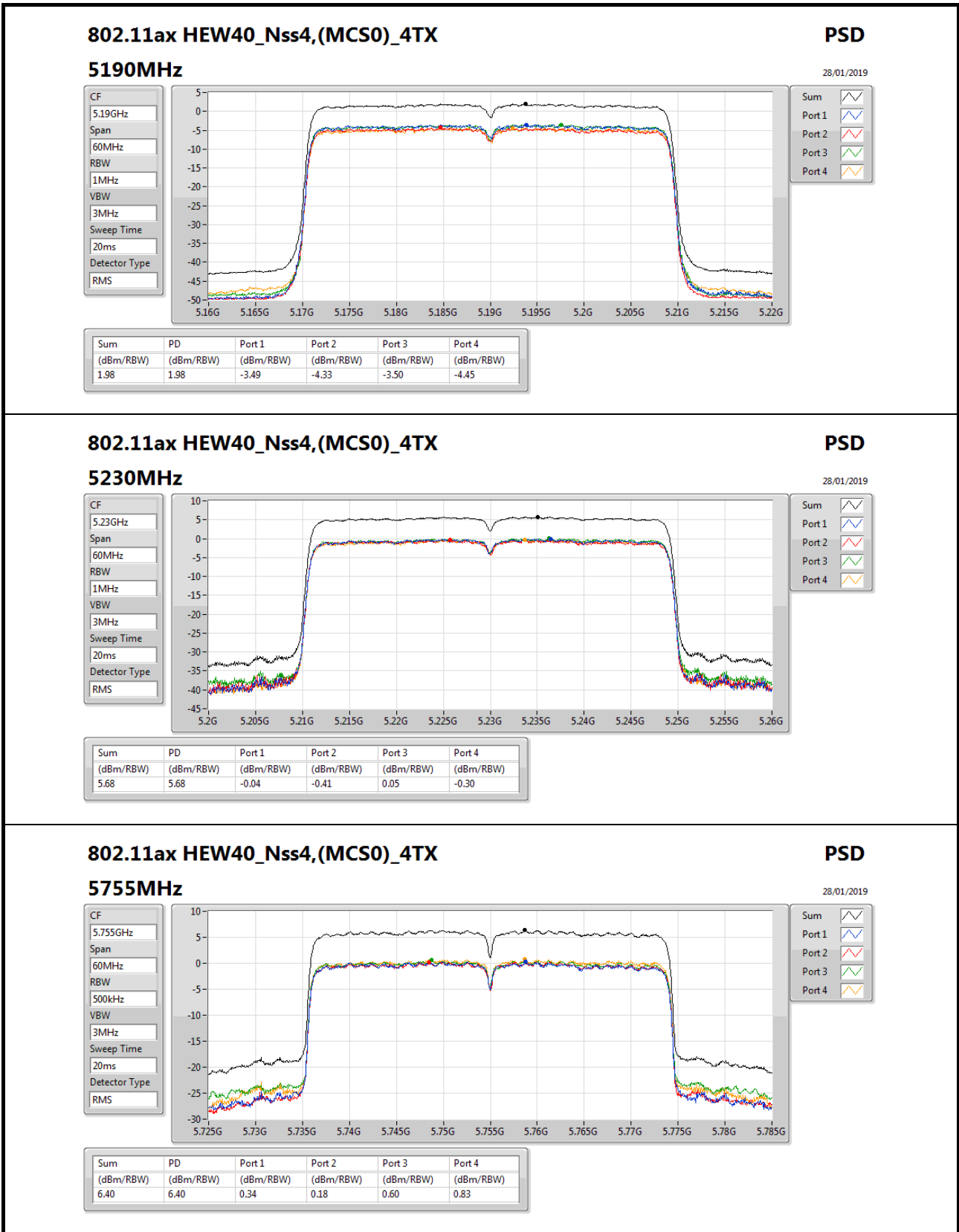
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.00	1.26	1.00	1.68	0.76	7.08	17.00
5200MHz	Pass	6.00	4.98	4.59	5.05	4.36	10.63	17.00
5240MHz	Pass	6.00	7.40	7.11	7.36	6.99	13.07	17.00
5745MHz	Pass	6.00	6.38	6.38	6.27	6.43	12.24	30.00
5785MHz	Pass	6.00	5.14	4.78	5.14	5.24	10.95	30.00
5825MHz	Pass	6.00	4.35	4.46	4.32	4.29	10.18	30.00
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	6.00	-3.49	-4.33	-3.50	-4.45	1.98	17.00
5230MHz	Pass	6.00	-0.04	-0.41	0.05	-0.30	5.68	17.00
5755MHz	Pass	6.00	0.34	0.18	0.60	0.83	6.40	30.00
5795MHz	Pass	6.00	1.37	1.28	1.37	1.65	7.28	30.00
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	6.00	-9.00	-9.63	-9.19	-9.80	-3.48	17.00
5775MHz	Pass	6.00	-5.19	-4.62	-4.91	-5.25	0.83	30.00

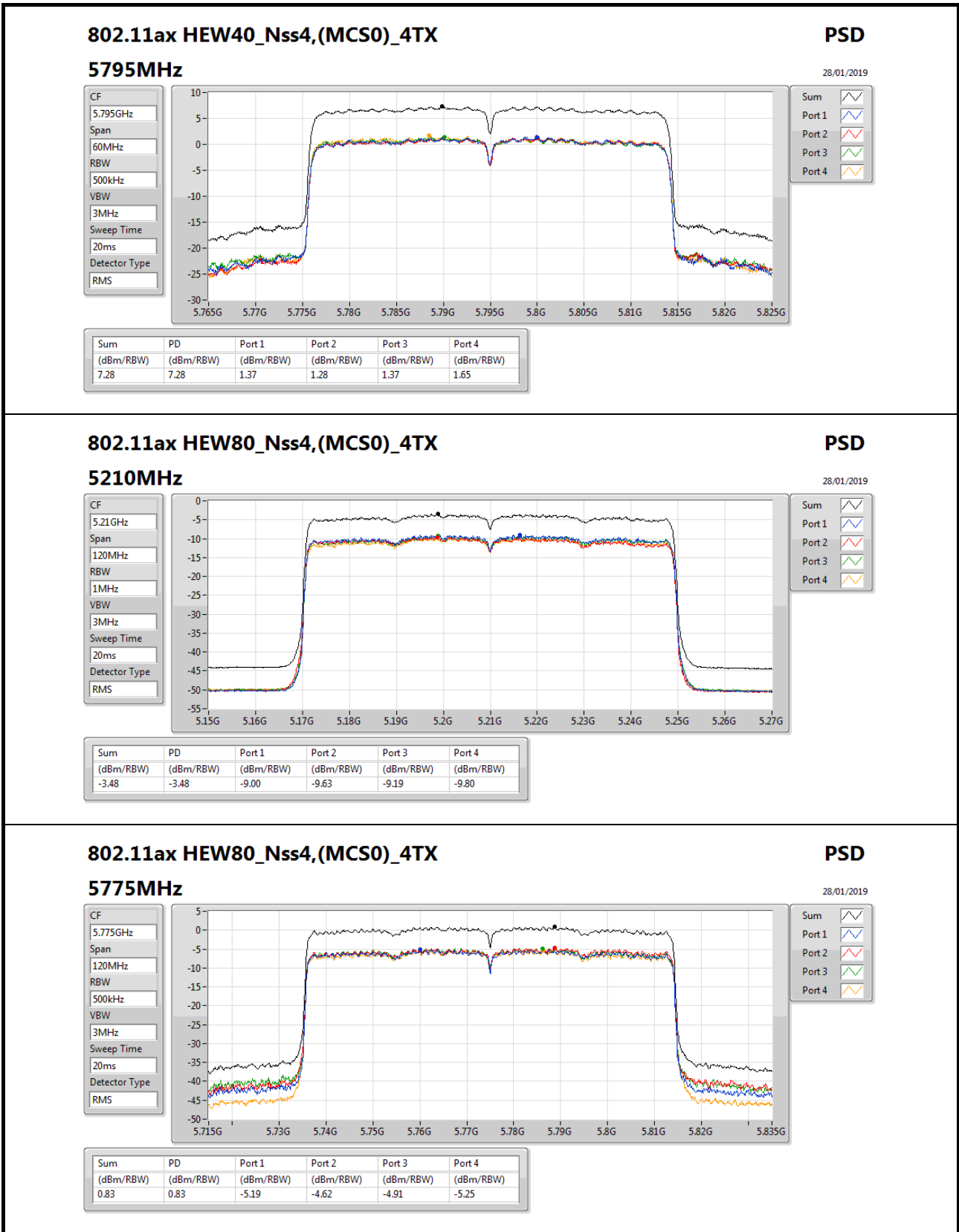
**DG** = Directional Gain; **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

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









### 802.11ax HEW80\_Nss4,(MCS0)\_4TX

#### 5775MHz

### PSD

28/01/2019

CF  
5.775GHz

Span  
120MHz

RBW  
500kHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



Sum 

Port 1 

Port 2 

Port 3 

Port 4 



**Mode 3: (Ant. 11 Panel antenna / 8.7 dBi)  
For Non-beamforming / 1T1S mode  
Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_1TX	7.67
802.11ax HEW20_Nss1,(MCS0)_1TX	6.90
802.11ax HEW40_Nss1,(MCS0)_1TX	2.72
802.11ax HEW80_Nss1,(MCS0)_1TX	-4.38
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	5.51
802.11ax HEW20_Nss1,(MCS0)_1TX	5.56
802.11ax HEW40_Nss1,(MCS0)_1TX	3.05
802.11ax HEW80_Nss1,(MCS0)_1TX	-2.03

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



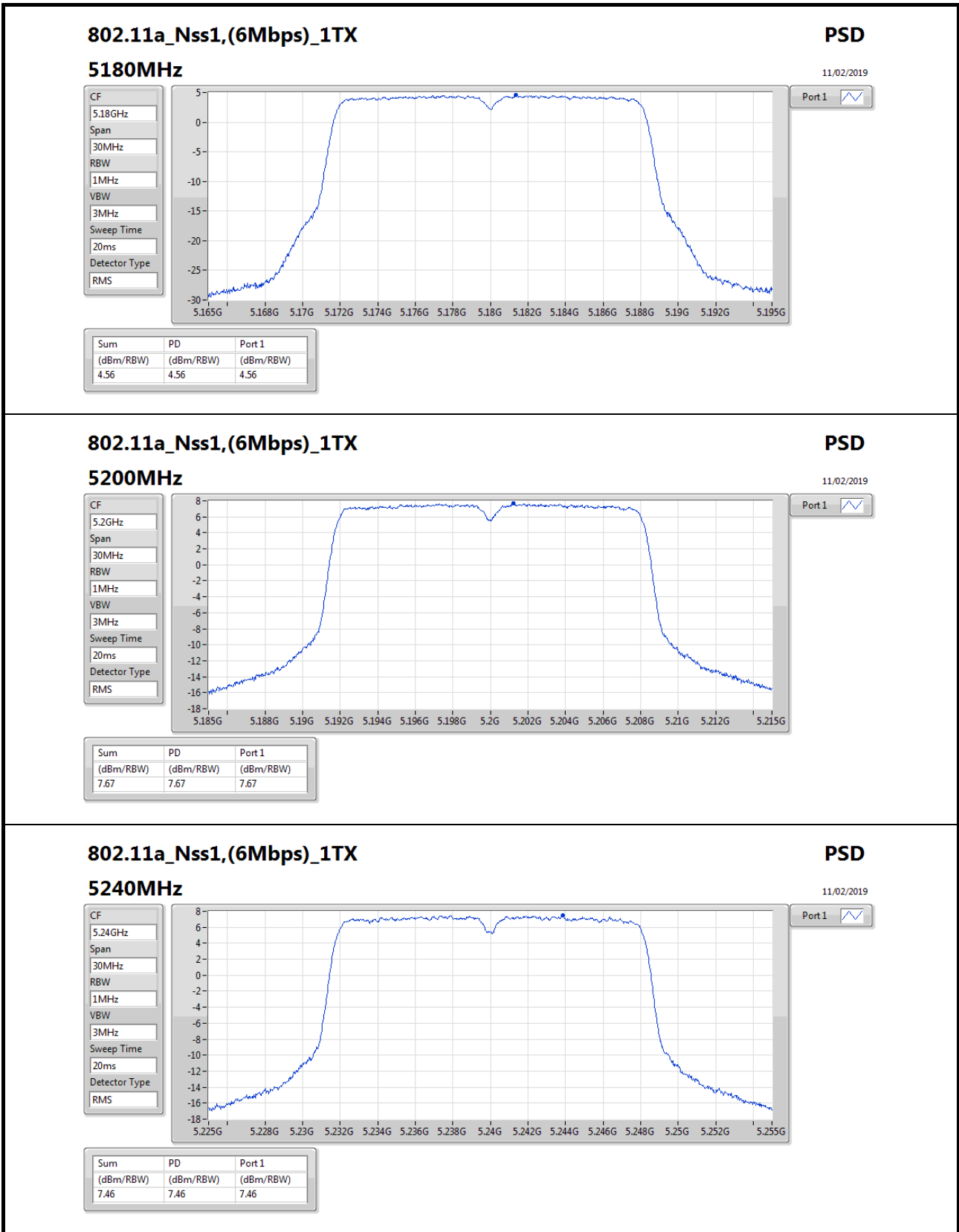


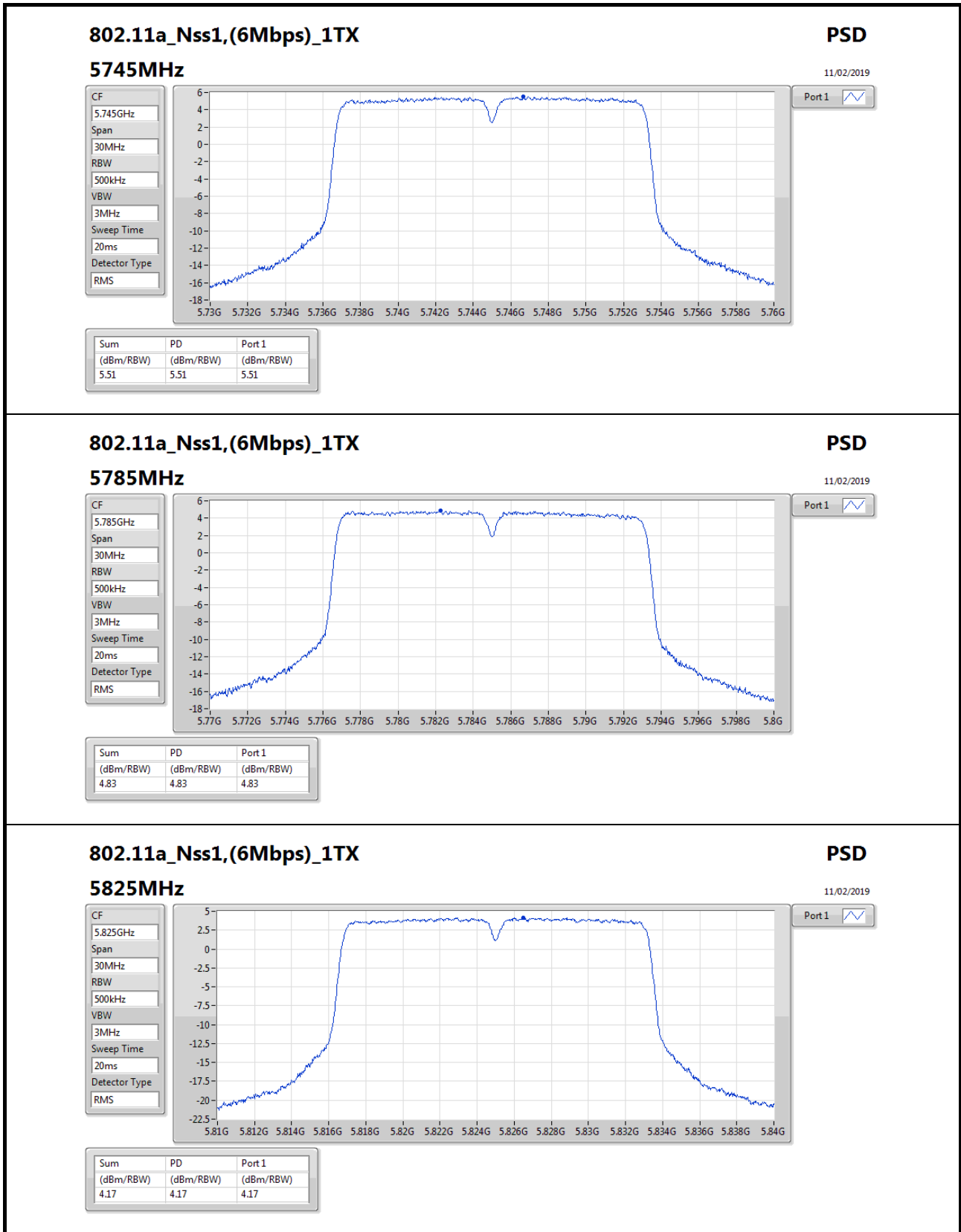
**PSD Result\_Radio 1**

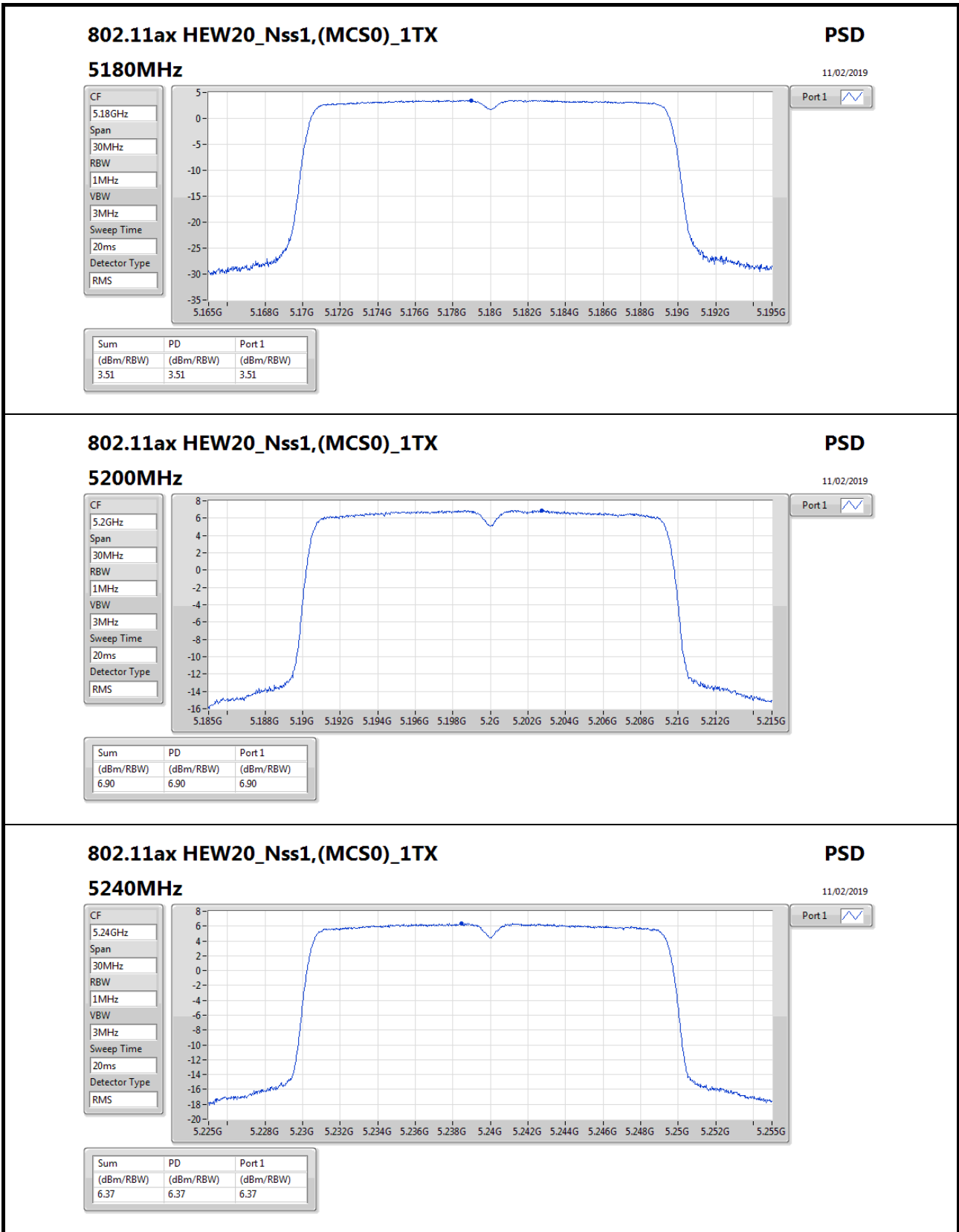
**Result**

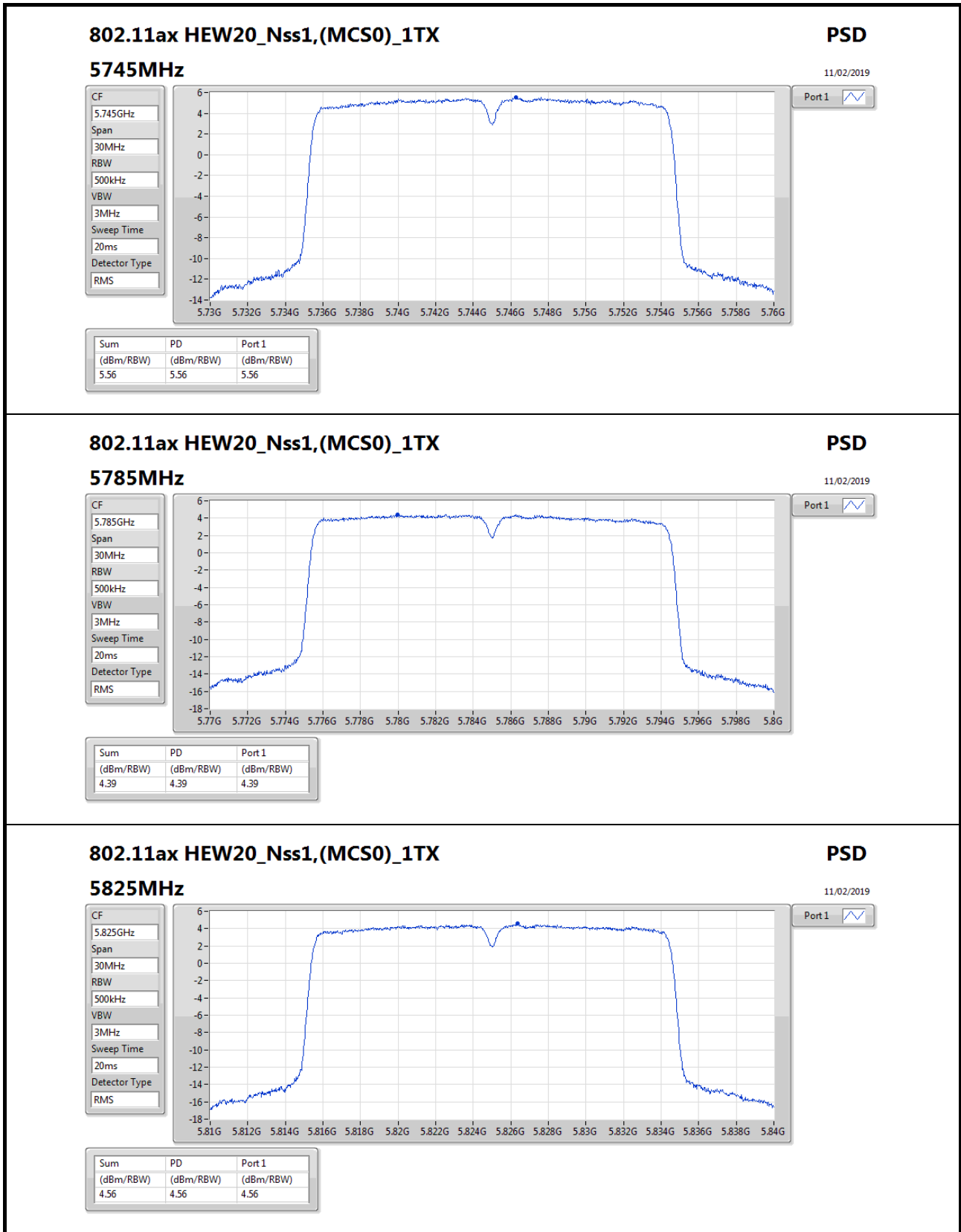
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	8.70	4.56	4.56	14.30
5200MHz	Pass	8.70	7.67	7.67	14.30
5240MHz	Pass	8.70	7.46	7.46	14.30
5745MHz	Pass	8.70	5.51	5.51	27.30
5785MHz	Pass	8.70	4.83	4.83	27.30
5825MHz	Pass	8.70	4.17	4.17	27.30
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	8.70	3.51	3.51	14.30
5200MHz	Pass	8.70	6.90	6.90	14.30
5240MHz	Pass	8.70	6.37	6.37	14.30
5745MHz	Pass	8.70	5.56	5.56	27.30
5785MHz	Pass	8.70	4.39	4.39	27.30
5825MHz	Pass	8.70	4.56	4.56	27.30
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	8.70	-1.36	-1.36	14.30
5230MHz	Pass	8.70	2.72	2.72	14.30
5755MHz	Pass	8.70	3.05	3.05	27.30
5795MHz	Pass	8.70	2.88	2.88	27.30
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	8.70	-4.38	-4.38	14.30
5775MHz	Pass	8.70	-2.03	-2.03	27.30

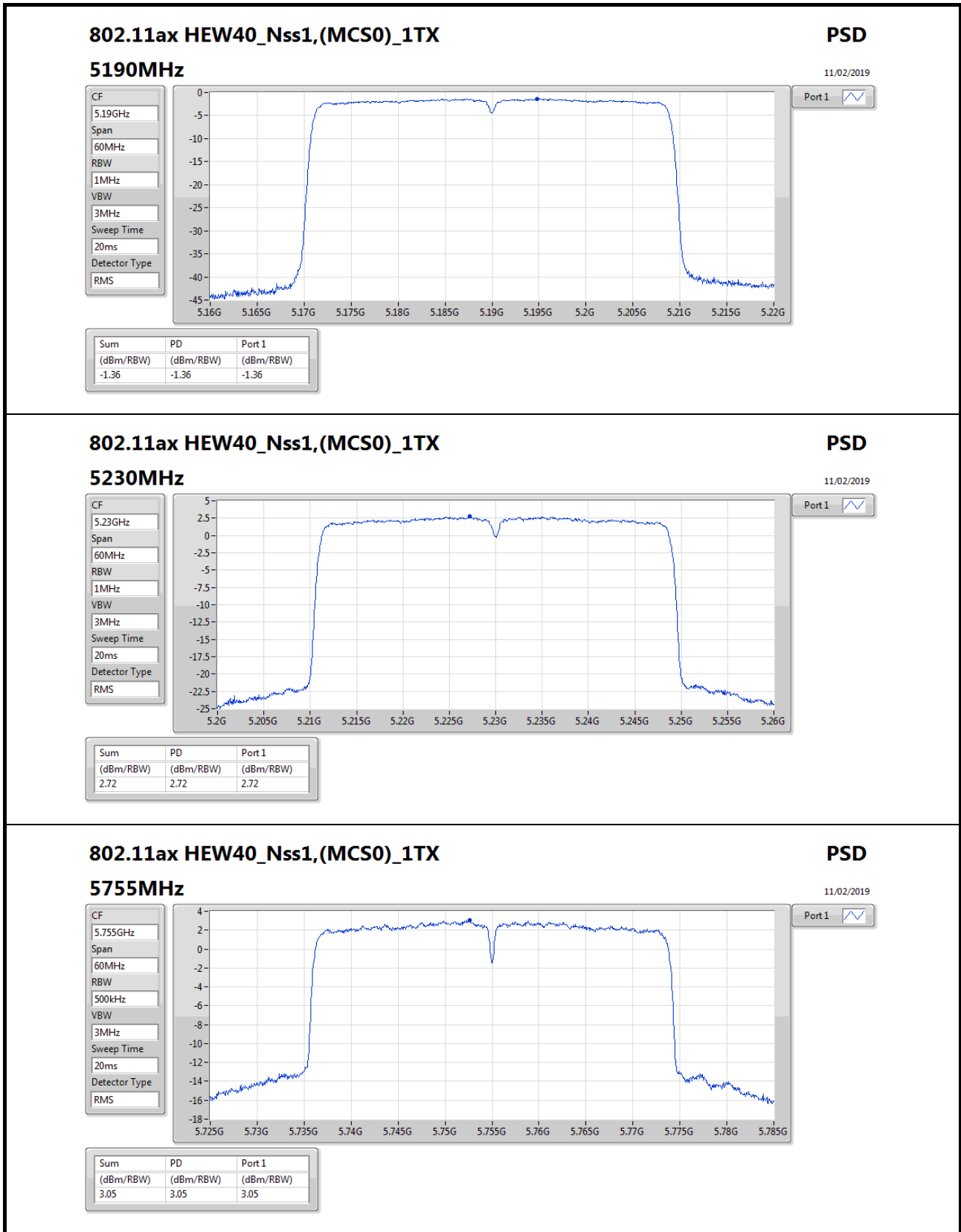
**DG** = Directional Gain; **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;  
**PD** = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port Xpower density;

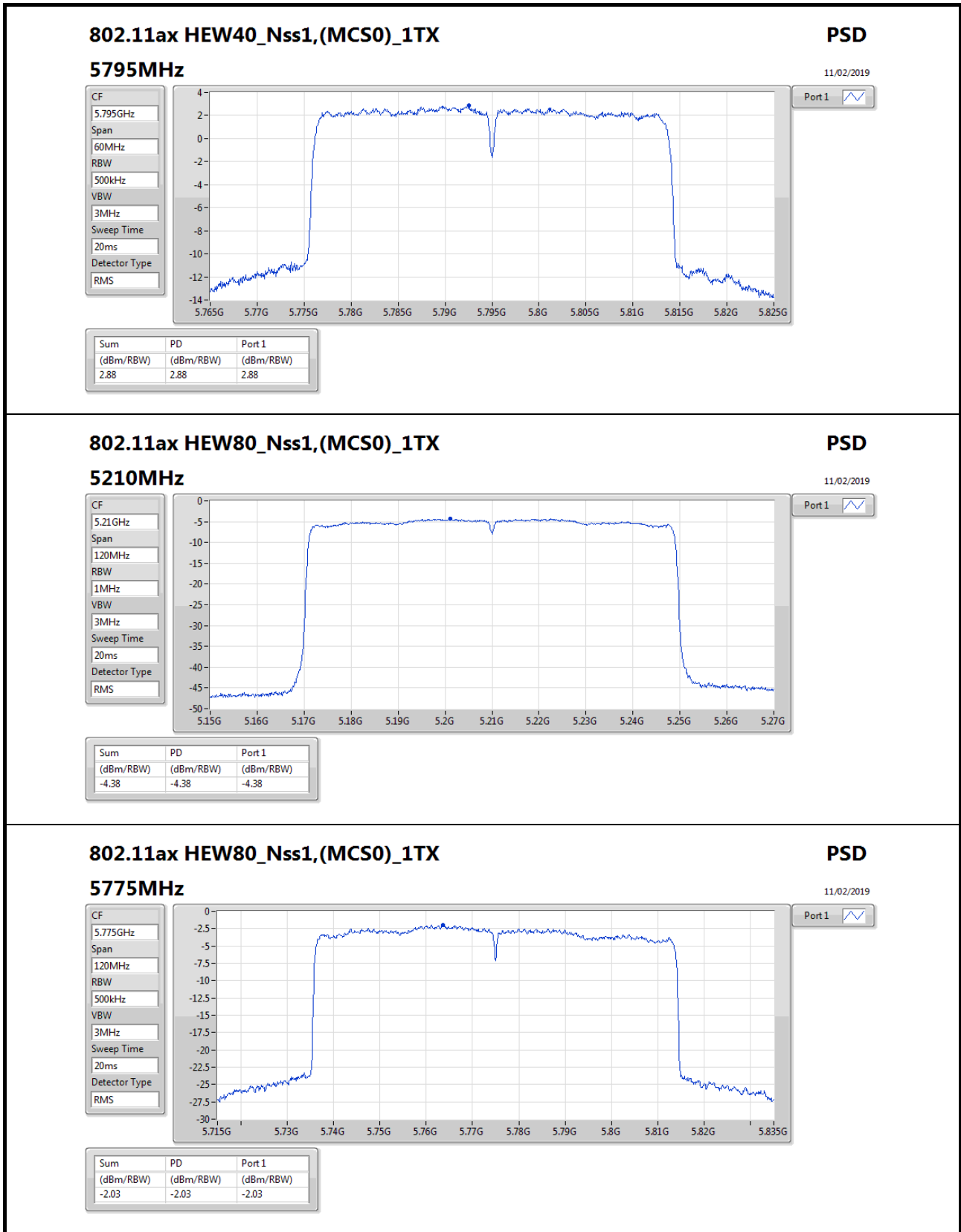












### 802.11ax HEW80\_Nss1,(MCS0)\_1TX

#### 5775MHz

PSD

11/02/2019

CF  
5.775GHz

Span  
120MHz

RBW  
500kHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



Port 1 

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



**For Non-beamforming / 2T2S mode  
Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20_Nss2,(MCS0)_2TX	9.44
802.11ax HEW40_Nss2,(MCS0)_2TX	5.29
802.11ax HEW80_Nss2,(MCS0)_2TX	-1.72
5.725-5.85GHz	-
802.11ax HEW20_Nss2,(MCS0)_2TX	8.69
802.11ax HEW40_Nss2,(MCS0)_2TX	5.72
802.11ax HEW80_Nss2,(MCS0)_2TX	-0.27

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





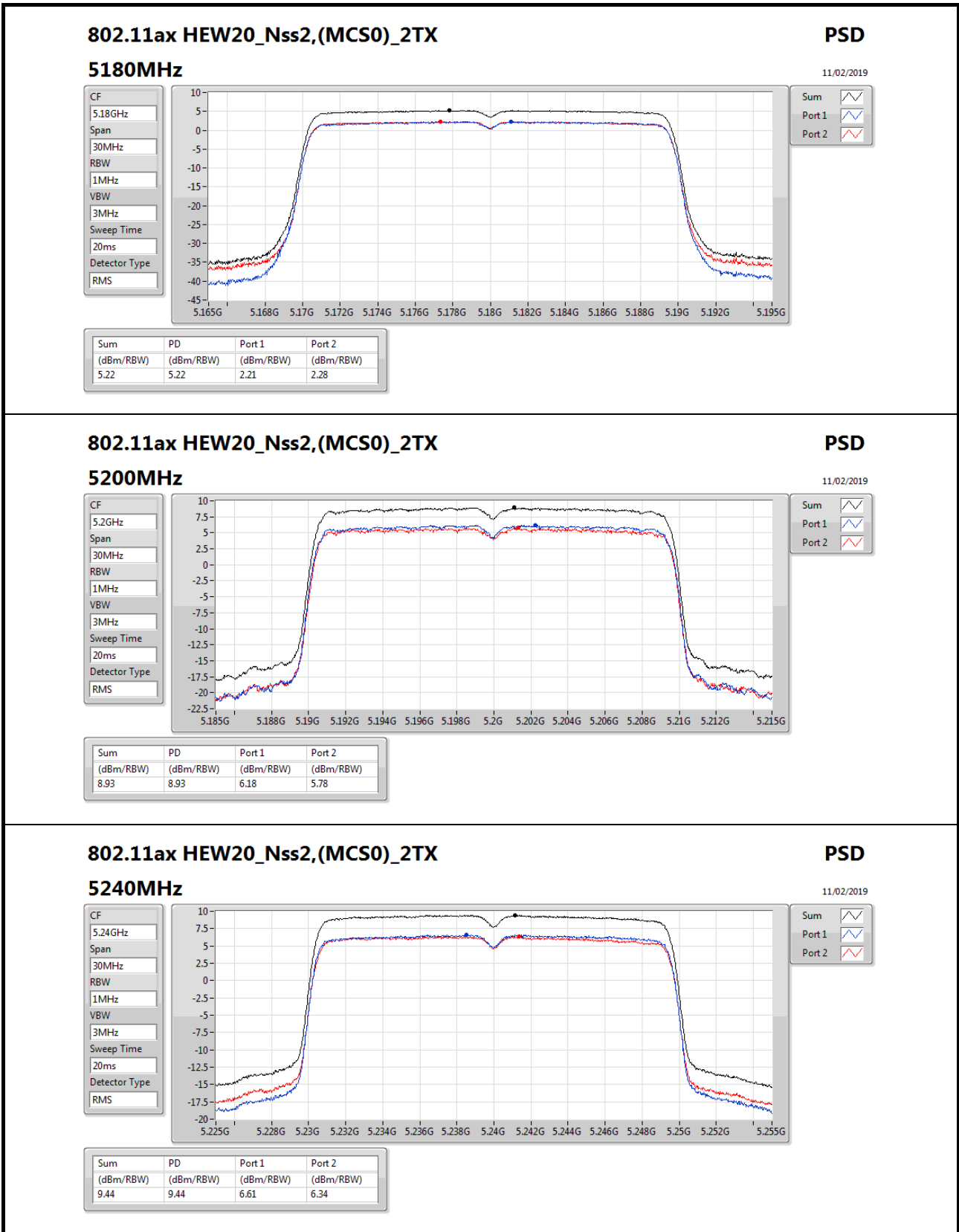
**PSD Result\_Radio 1**

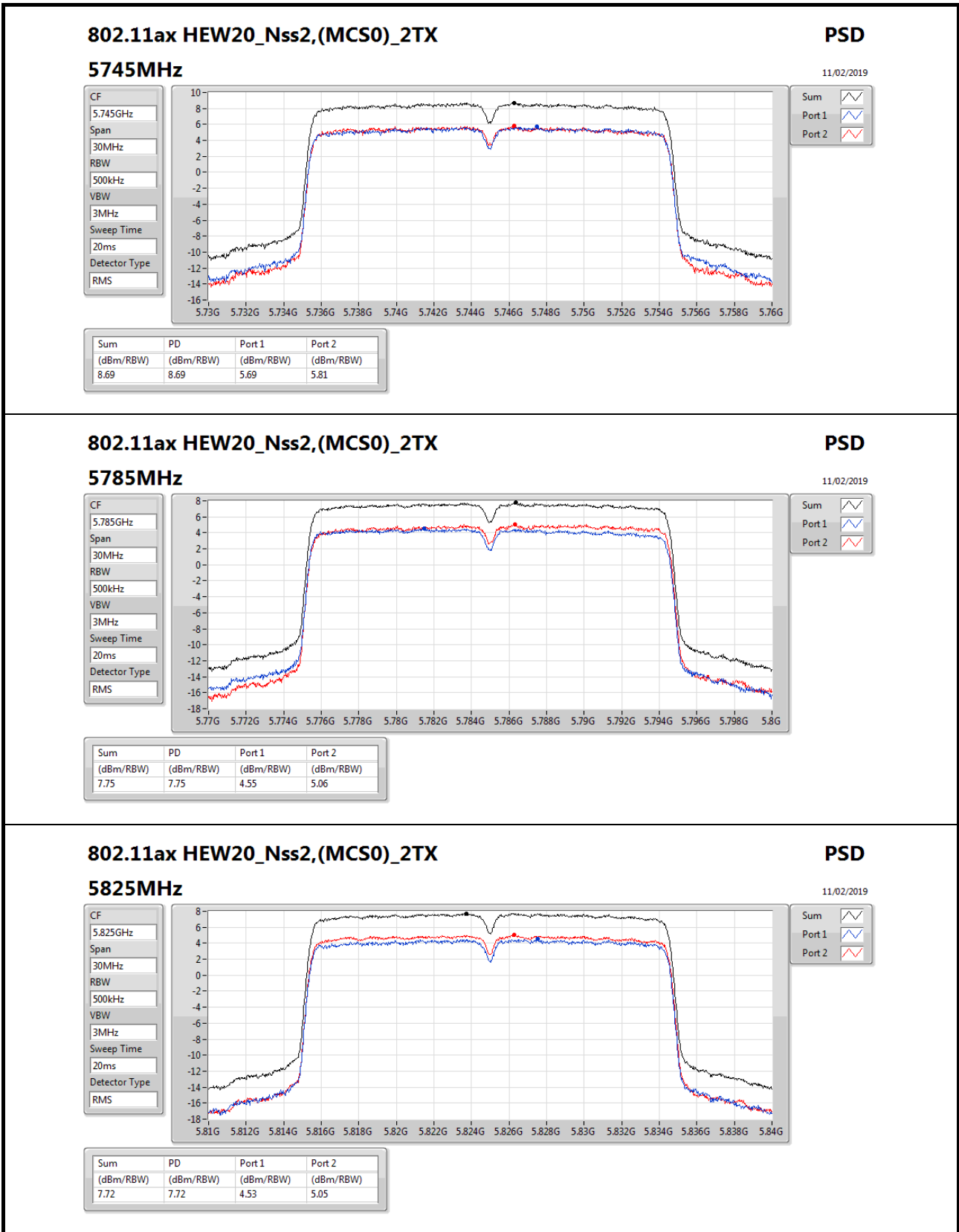
**Result**

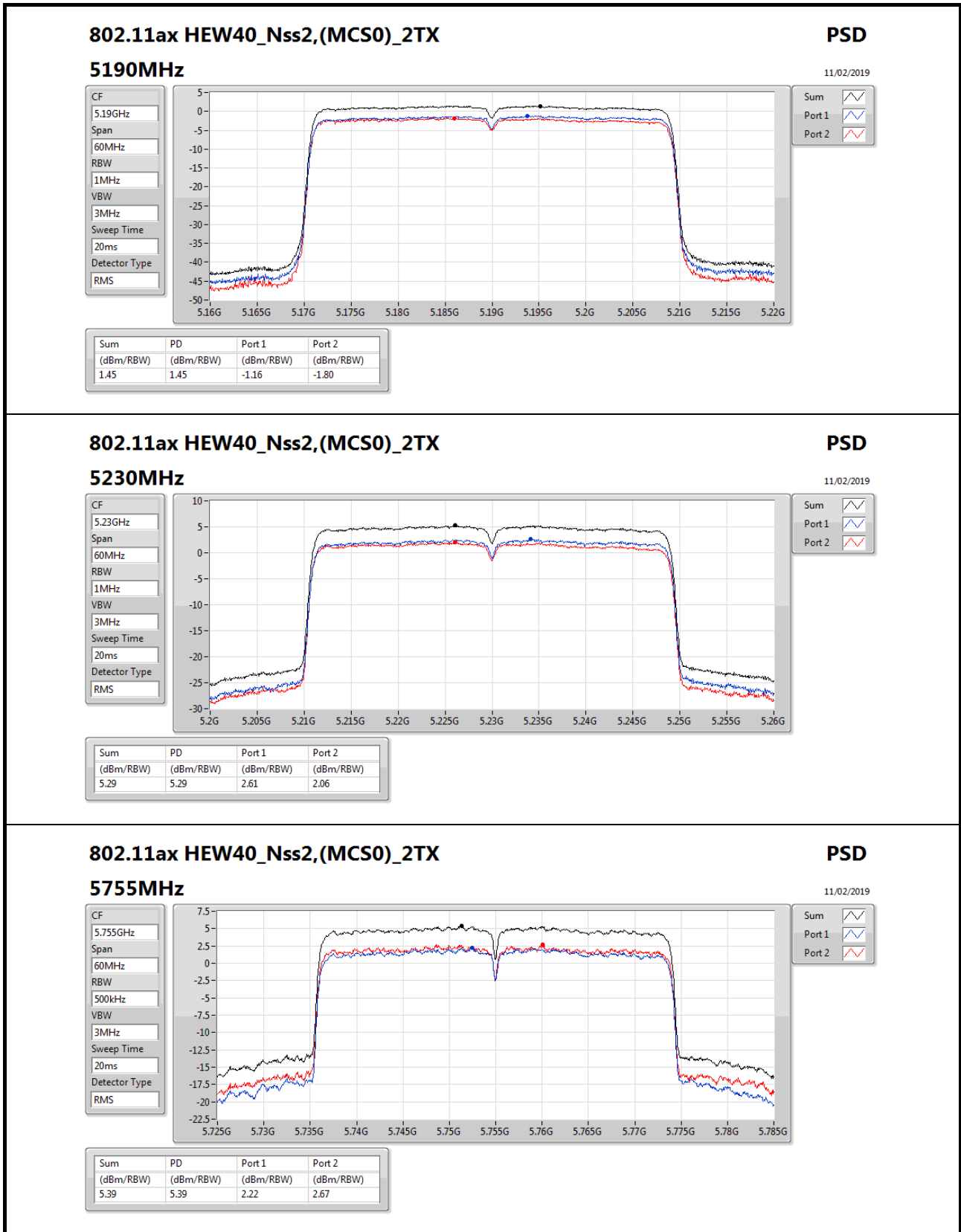
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	8.70	2.21	2.28	5.22	14.30
5200MHz	Pass	8.70	6.18	5.78	8.93	14.30
5240MHz	Pass	8.70	6.61	6.34	9.44	14.30
5745MHz	Pass	8.70	5.69	5.81	8.69	27.30
5785MHz	Pass	8.70	4.55	5.06	7.75	27.30
5825MHz	Pass	8.70	4.53	5.05	7.72	27.30
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	8.70	-1.16	-1.80	1.45	14.30
5230MHz	Pass	8.70	2.61	2.06	5.29	14.30
5755MHz	Pass	8.70	2.22	2.67	5.39	27.30
5795MHz	Pass	8.70	2.59	2.86	5.72	27.30
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	8.70	-4.41	-4.90	-1.72	14.30
5775MHz	Pass	8.70	-3.39	-2.96	-0.27	27.30

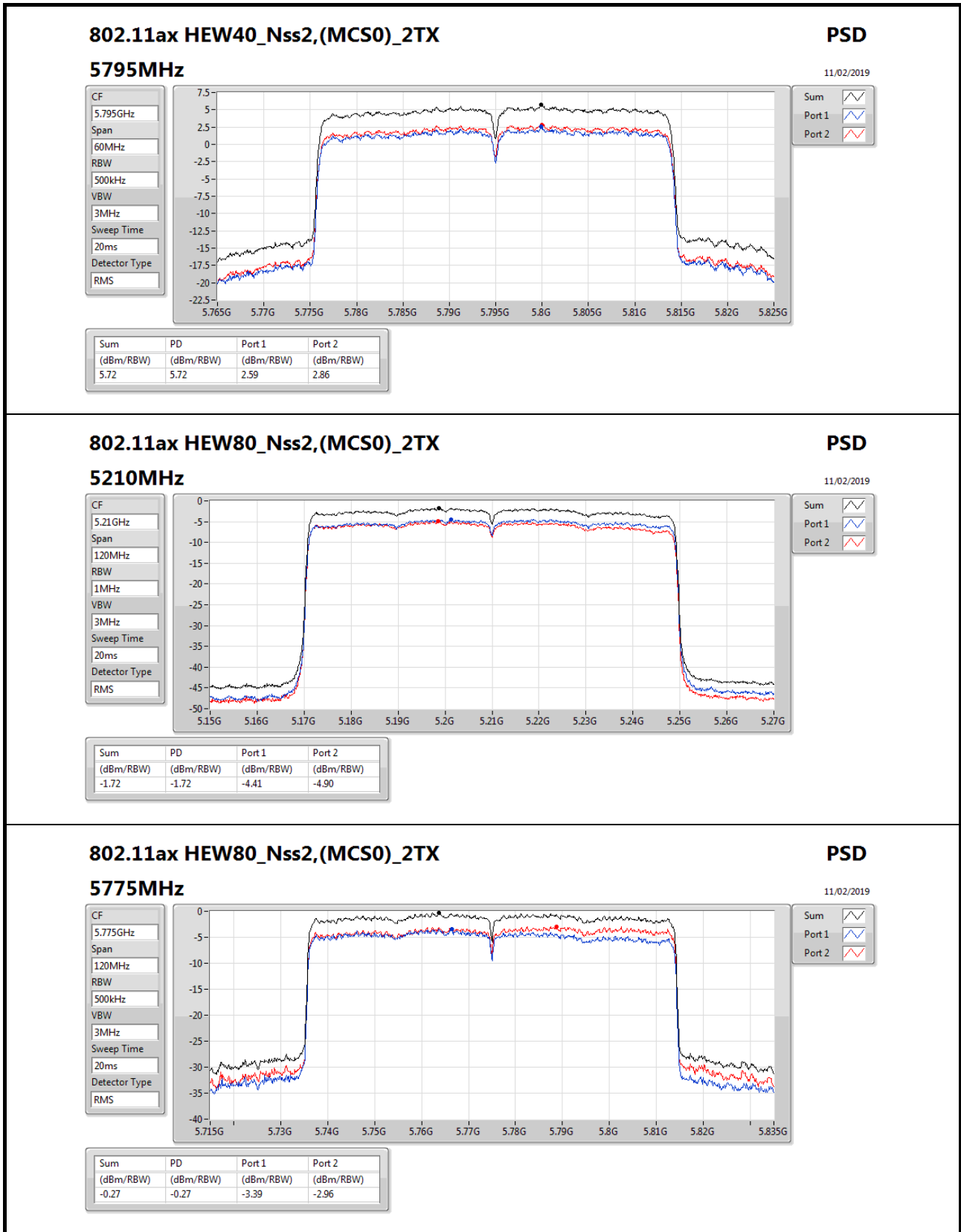
**DG** = Directional Gain; **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

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









### 802.11ax HEW80\_Nss2,(MCS0)\_2TX

#### 5775MHz

**PSD**

11/02/2019

CF  
5.775GHz

Span  
120MHz

RBW  
500kHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



Sum

Port 1

Port 2



**For Non-beamforming / 4T1S mode  
Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	8.23
802.11ax HEW20_Nss1,(MCS0)_4TX	8.23
802.11ax HEW40_Nss1,(MCS0)_4TX	6.97
802.11ax HEW80_Nss1,(MCS0)_4TX	-0.43
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	11.72
802.11ax HEW20_Nss1,(MCS0)_4TX	11.93
802.11ax HEW40_Nss1,(MCS0)_4TX	8.09
802.11ax HEW80_Nss1,(MCS0)_4TX	1.15

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

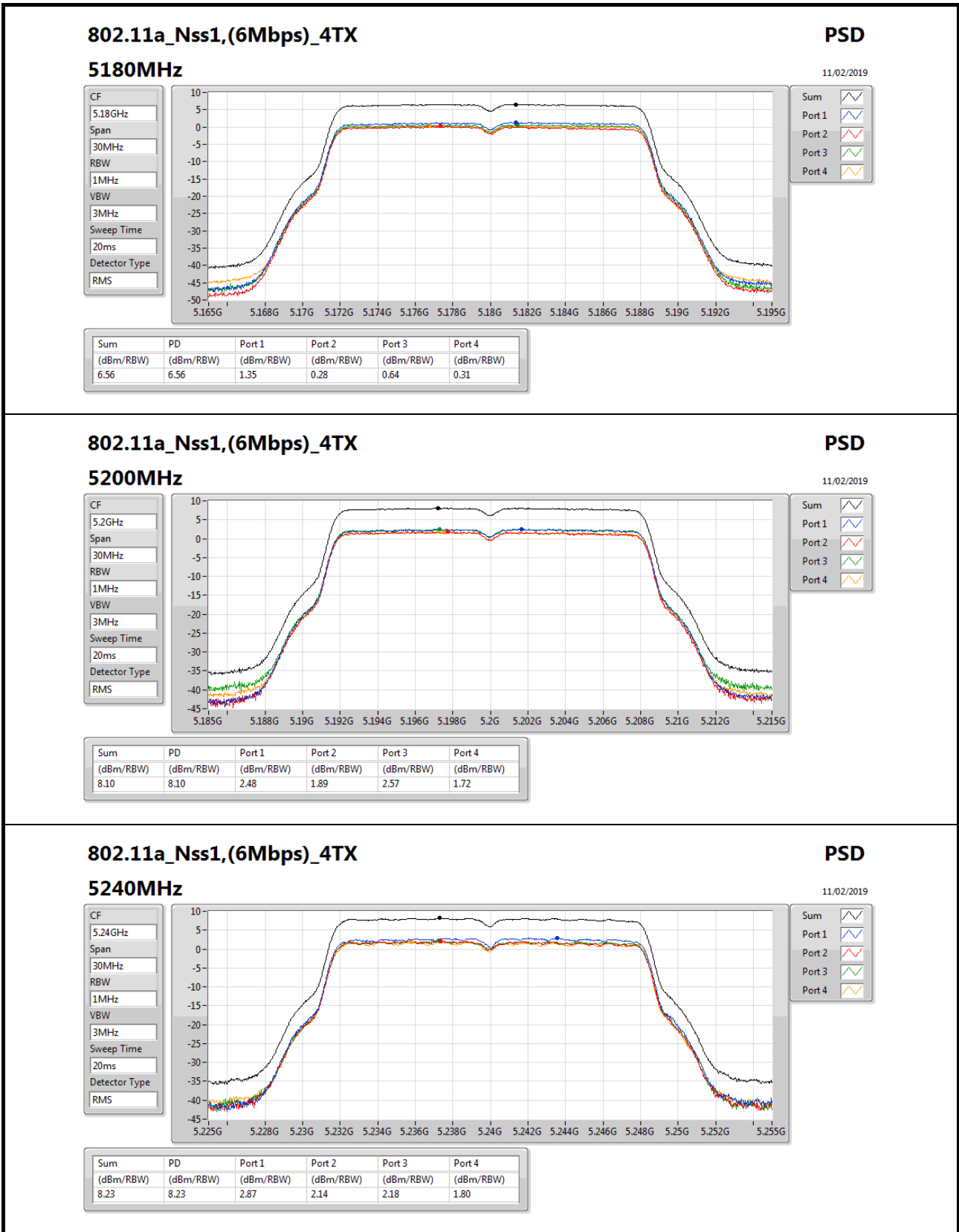


**PSD Result\_Radio 1**

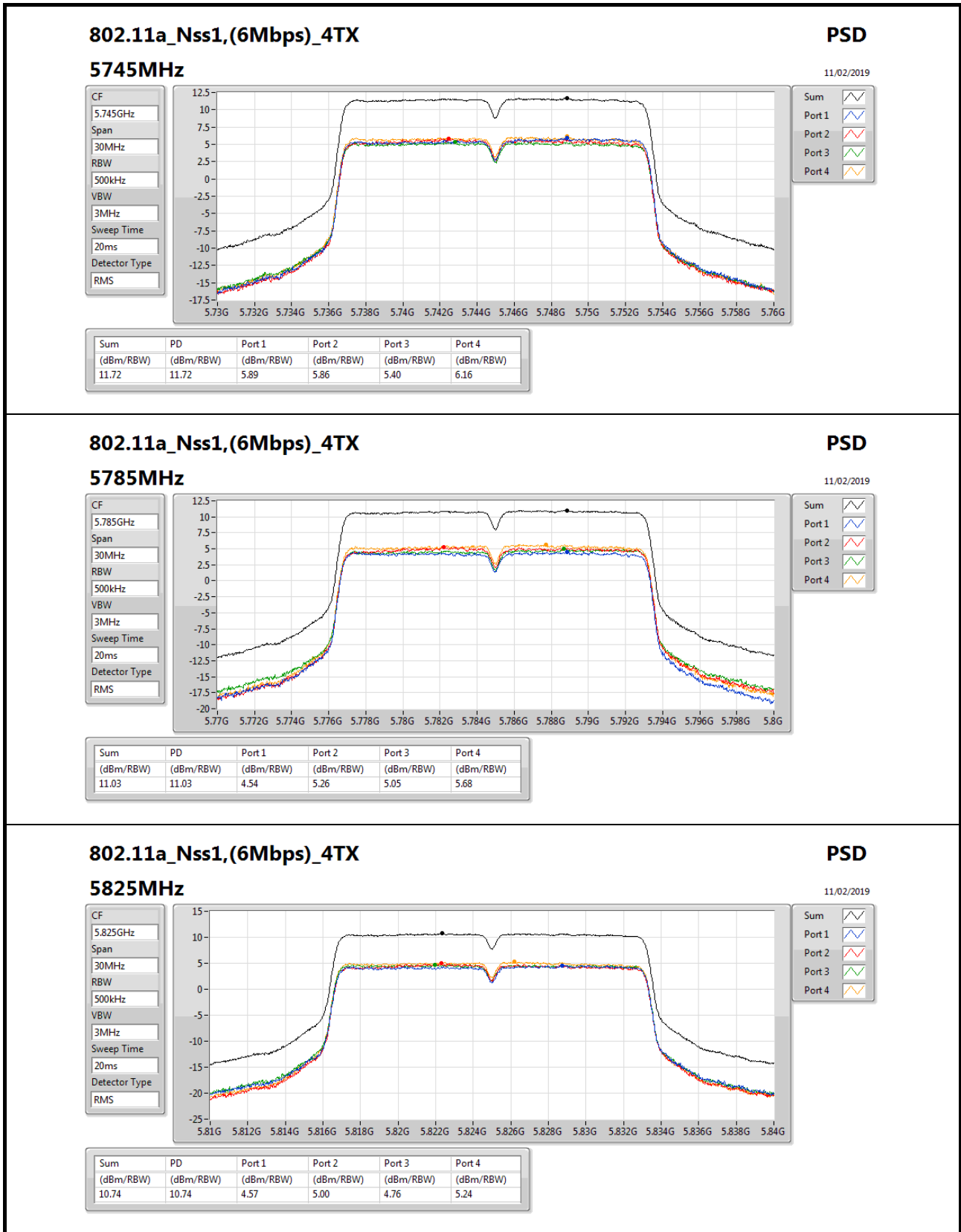
**Result**

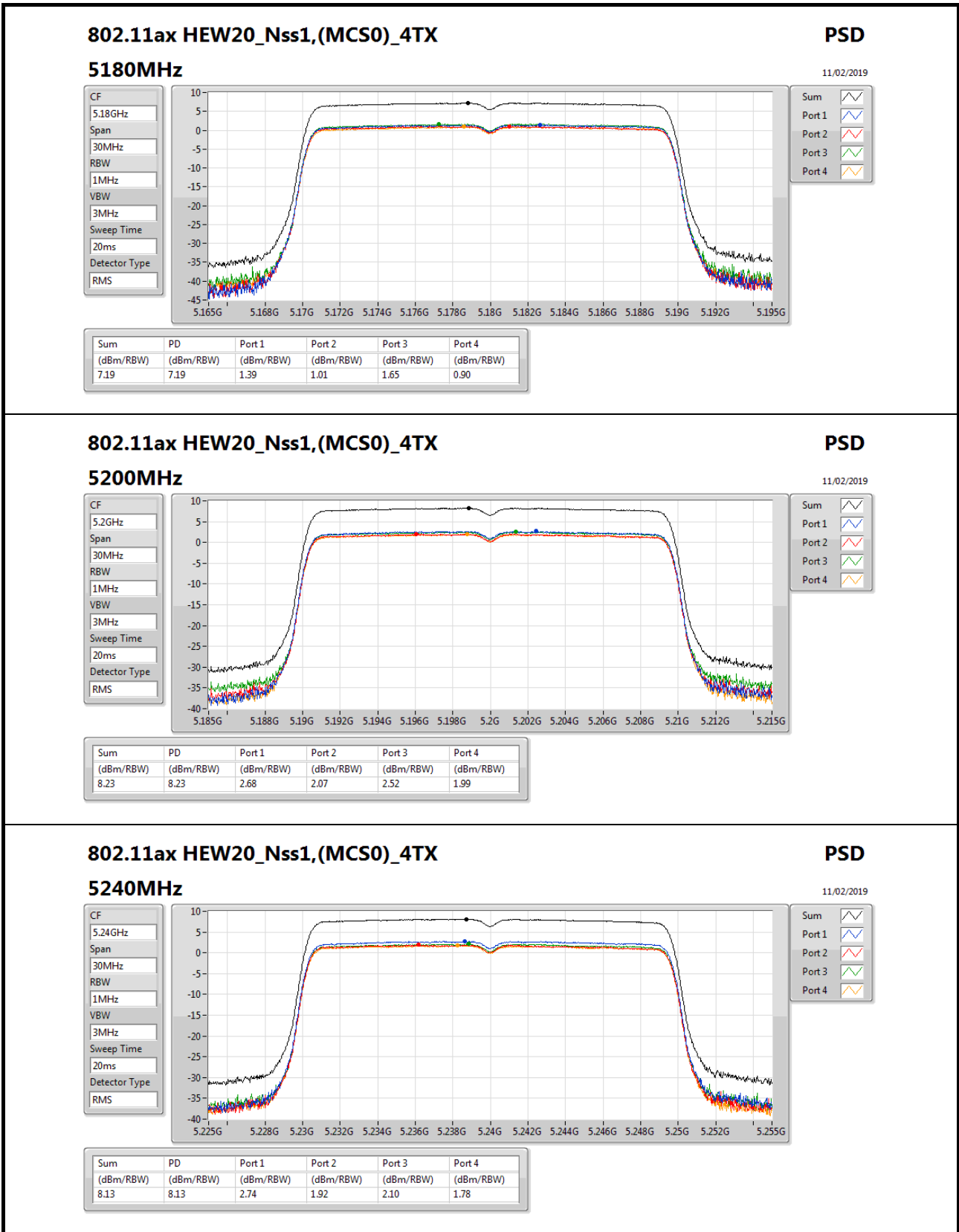
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	14.72	1.35	0.28	0.64	0.31	6.56	8.28
5200MHz	Pass	14.72	2.48	1.89	2.57	1.72	8.10	8.28
5240MHz	Pass	14.72	2.87	2.14	2.18	1.80	8.23	8.28
5745MHz	Pass	14.72	5.89	5.86	5.40	6.16	11.72	21.28
5785MHz	Pass	14.72	4.54	5.26	5.05	5.68	11.03	21.28
5825MHz	Pass	14.72	4.57	5.00	4.76	5.24	10.74	21.28
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	14.72	1.39	1.01	1.65	0.90	7.19	8.28
5200MHz	Pass	14.72	2.68	2.07	2.52	1.99	8.23	8.28
5240MHz	Pass	14.72	2.74	1.92	2.10	1.78	8.13	8.28
5745MHz	Pass	14.72	6.47	5.92	5.63	6.09	11.93	21.28
5785MHz	Pass	14.72	5.44	5.64	5.61	6.05	11.59	21.28
5825MHz	Pass	14.72	4.82	5.21	5.44	5.25	11.09	21.28
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	14.72	-2.30	-3.38	-2.67	-3.07	3.09	8.28
5230MHz	Pass	14.72	1.73	0.69	0.90	0.80	6.97	8.28
5755MHz	Pass	14.72	0.95	0.68	0.71	1.24	6.77	21.28
5795MHz	Pass	14.72	1.62	2.31	2.36	2.68	8.09	21.28
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	14.72	-5.80	-6.96	-6.50	-6.51	-0.43	8.28
5775MHz	Pass	14.72	-4.56	-4.51	-4.52	-5.30	1.15	21.28

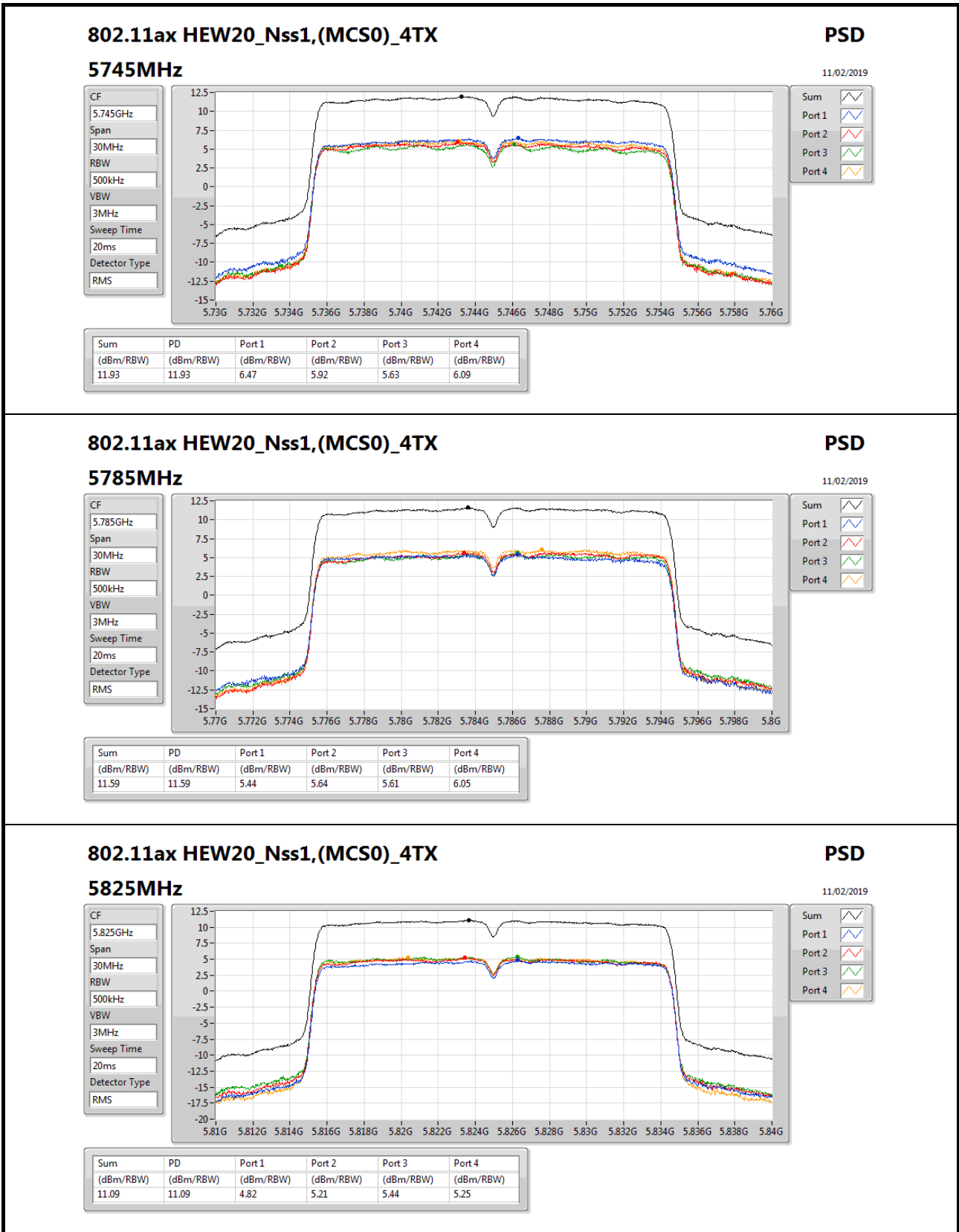
**DG** = Directional Gain; **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;  
**PD** = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port Xpower density;

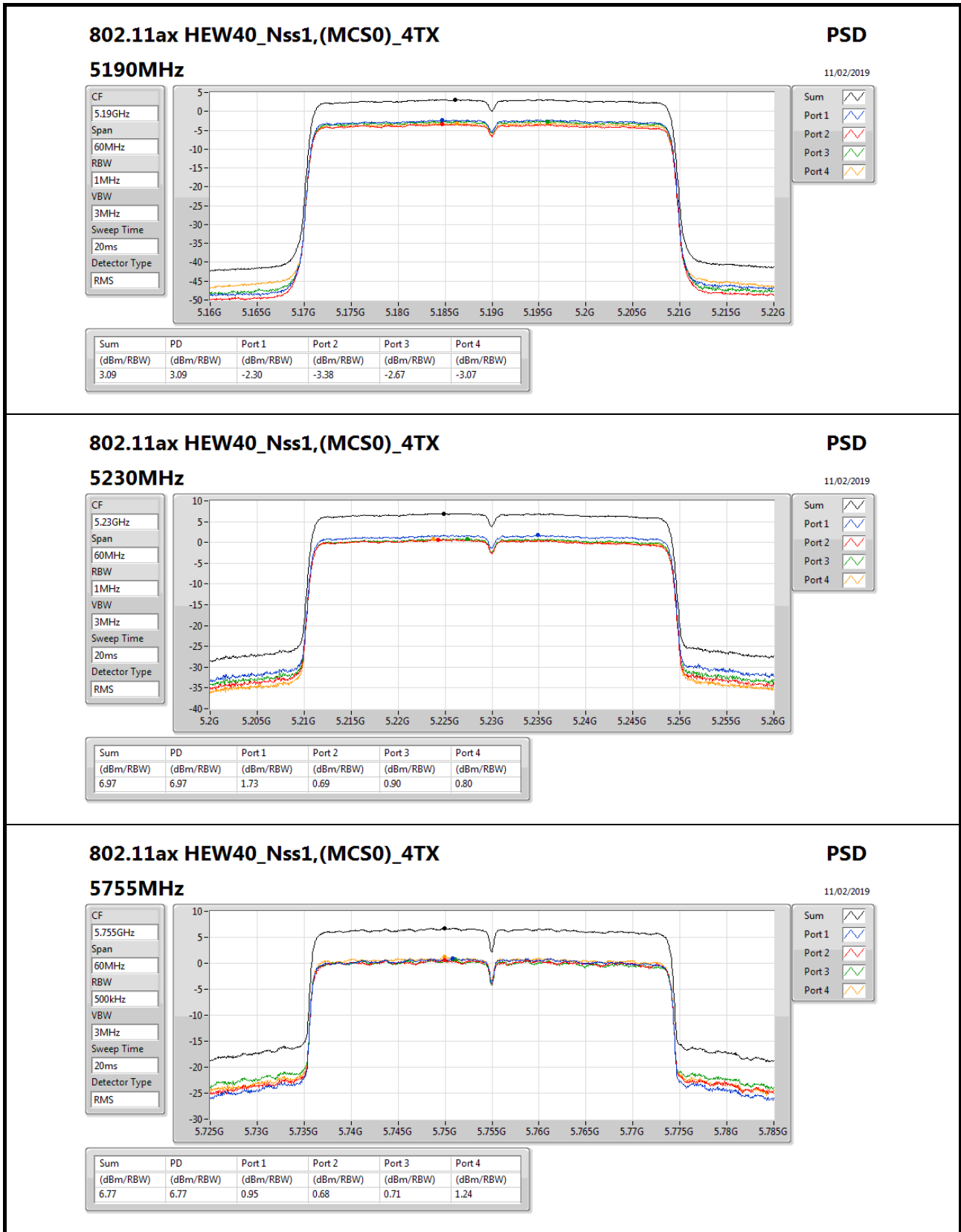


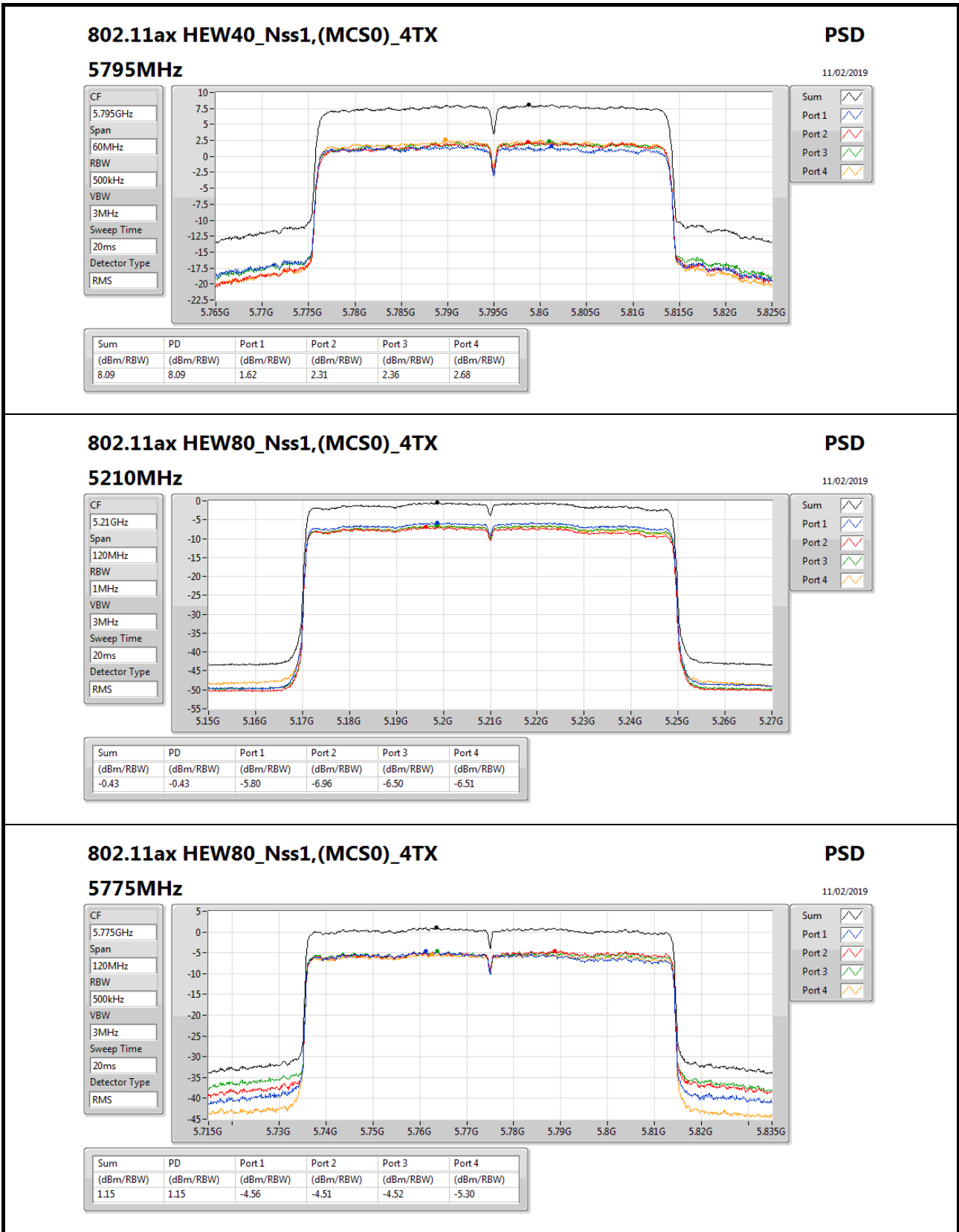














**For Beamforming / 4T1S mode  
Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	7.73
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	5.06
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	0.63
5.725-5.85GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	6.45
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	3.79
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	1.19

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



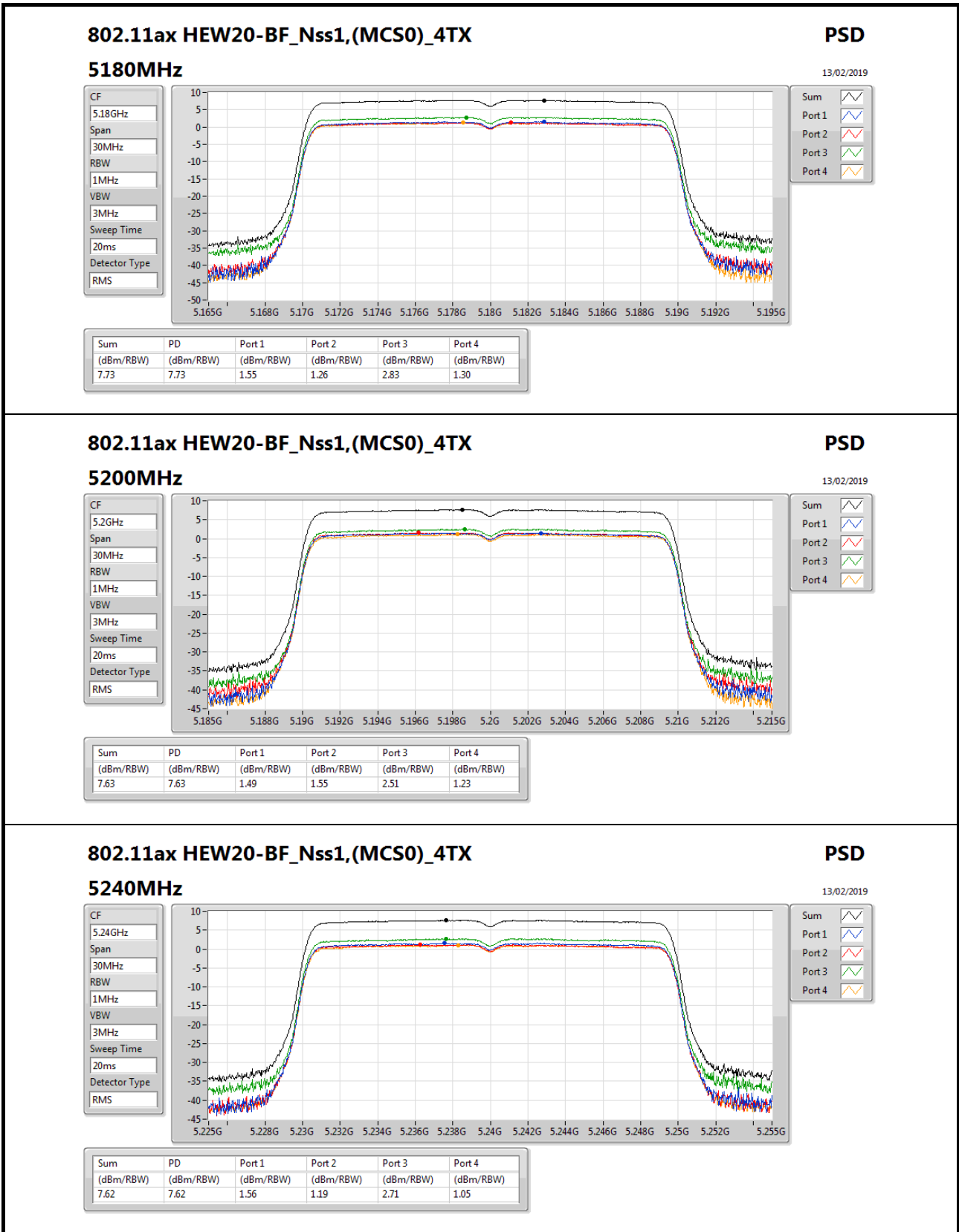
**PSD Result\_Radio 1**

**Result**

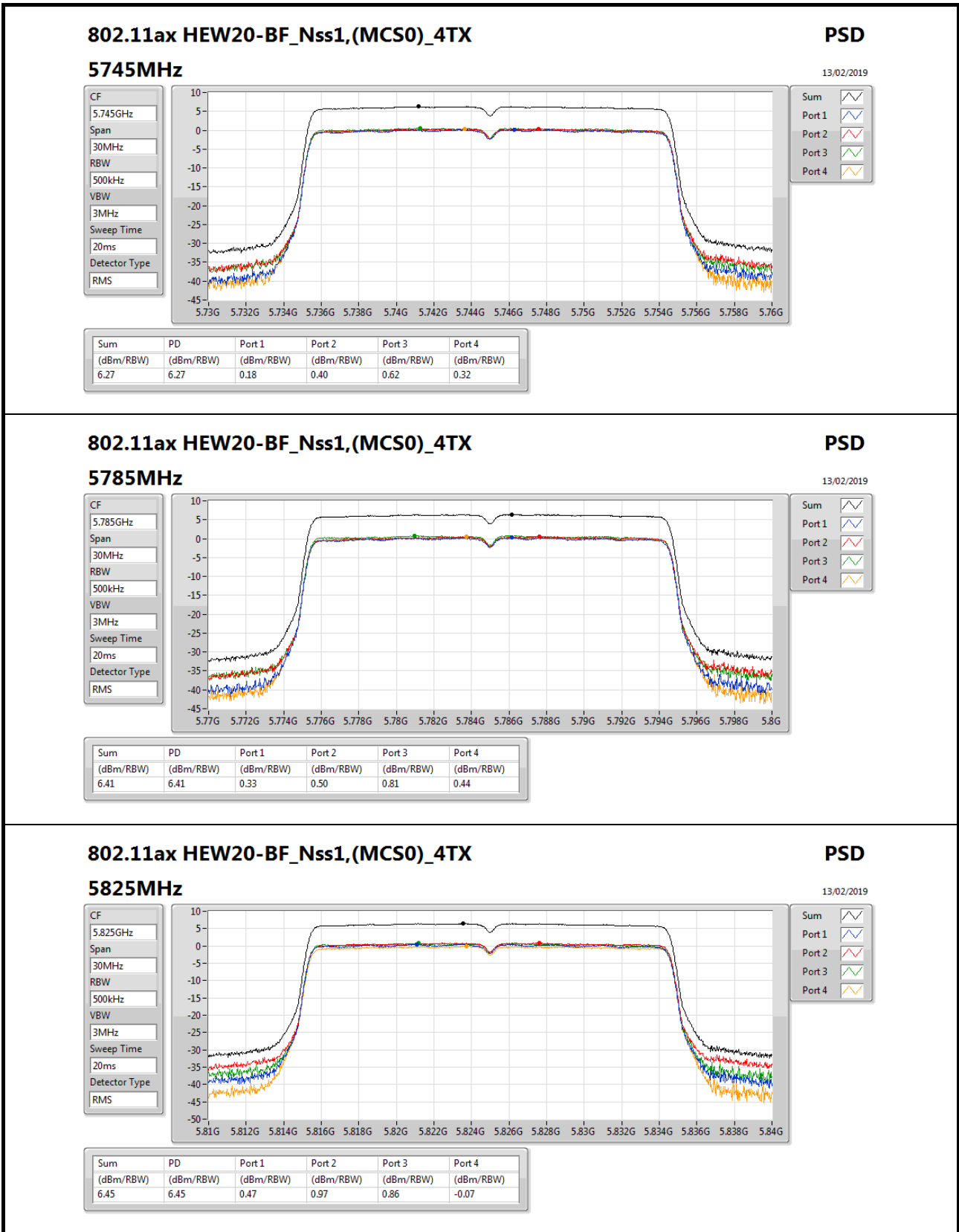
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	14.72	1.55	1.26	2.83	1.30	7.73	8.28
5200MHz	Pass	14.72	1.49	1.55	2.51	1.23	7.63	8.28
5240MHz	Pass	14.72	1.56	1.19	2.71	1.05	7.62	8.28
5745MHz	Pass	14.72	0.18	0.40	0.62	0.32	6.27	21.28
5785MHz	Pass	14.72	0.33	0.50	0.81	0.44	6.41	21.28
5825MHz	Pass	14.72	0.47	0.97	0.86	-0.07	6.45	21.28
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	14.72	-2.49	-2.88	-2.30	-3.10	3.26	8.28
5230MHz	Pass	14.72	-0.46	-1.07	-0.58	-1.42	5.06	8.28
5755MHz	Pass	14.72	-2.92	-2.20	-1.98	-1.56	3.79	21.28
5795MHz	Pass	14.72	-3.14	-2.40	-2.26	-1.62	3.59	21.28
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	14.72	-5.42	-5.54	-4.98	-5.49	0.63	8.28
5775MHz	Pass	14.72	-5.17	-4.23	-4.52	-5.03	1.19	21.28

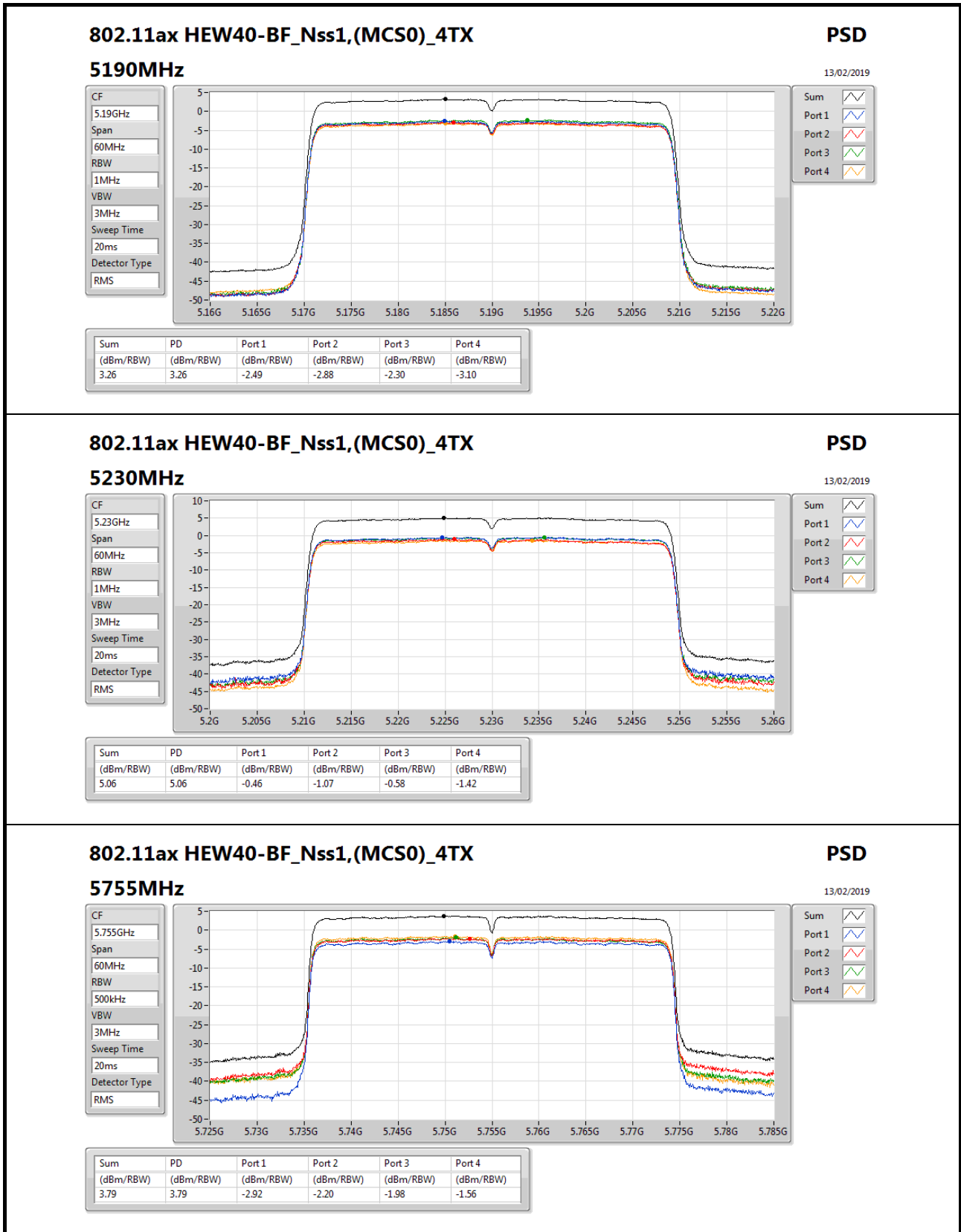
**DG** = Directional Gain; **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

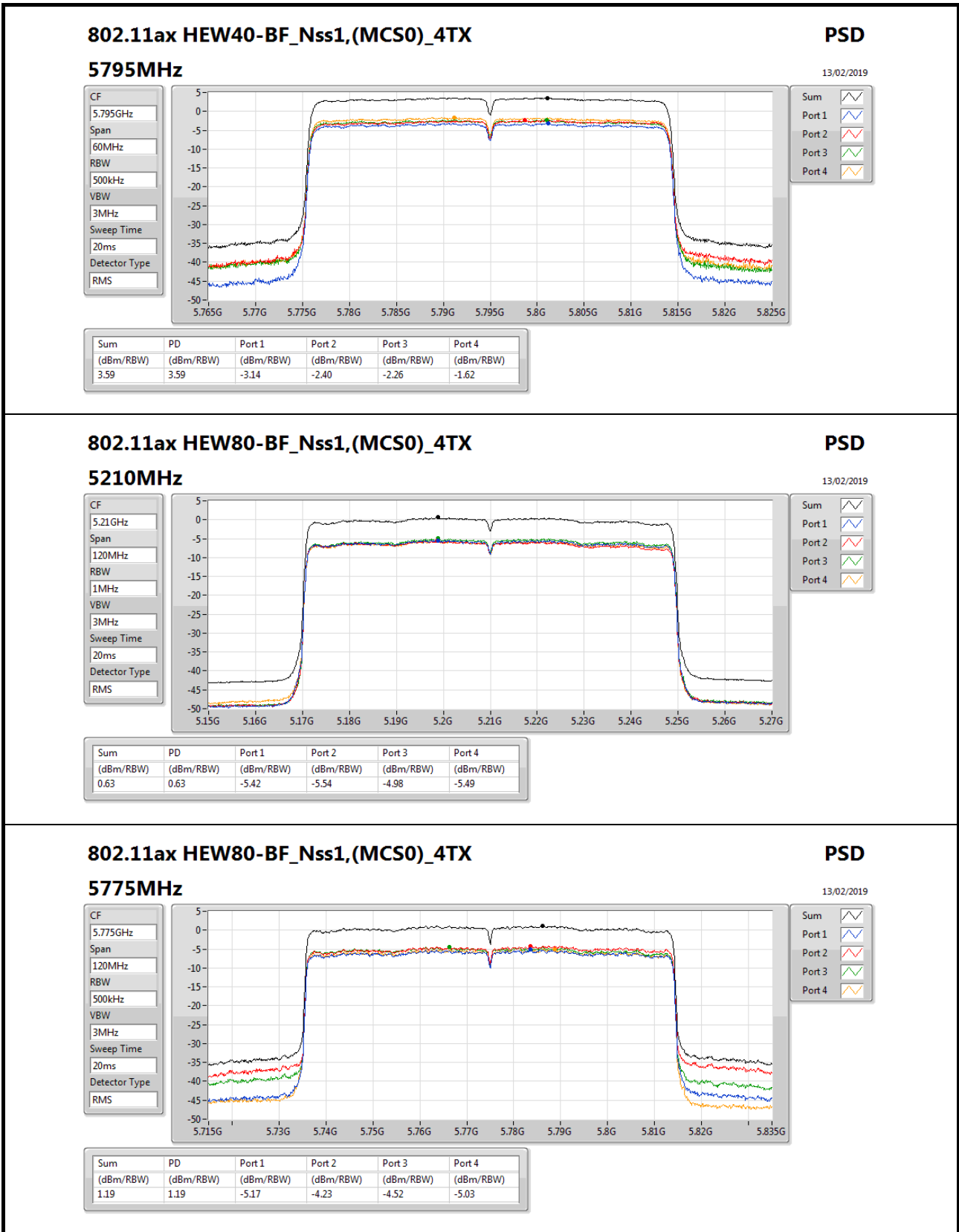
**PD** = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port Xpower density;











### 802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

#### 5775MHz

### PSD

13/02/2019

CF  
5.775GHz

Span  
120MHz

RBW  
500kHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



Sum

Port 1

Port 2

Port 3

Port 4



**For Non-beamforming / 4T4S mode  
Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20_Nss4,(MCS0)_4TX	12.82
802.11ax HEW40_Nss4,(MCS0)_4TX	7.51
802.11ax HEW80_Nss4,(MCS0)_4TX	-1.36
5.725-5.85GHz	-
802.11ax HEW20_Nss4,(MCS0)_4TX	11.59
802.11ax HEW40_Nss4,(MCS0)_4TX	7.98
802.11ax HEW80_Nss4,(MCS0)_4TX	1.94

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



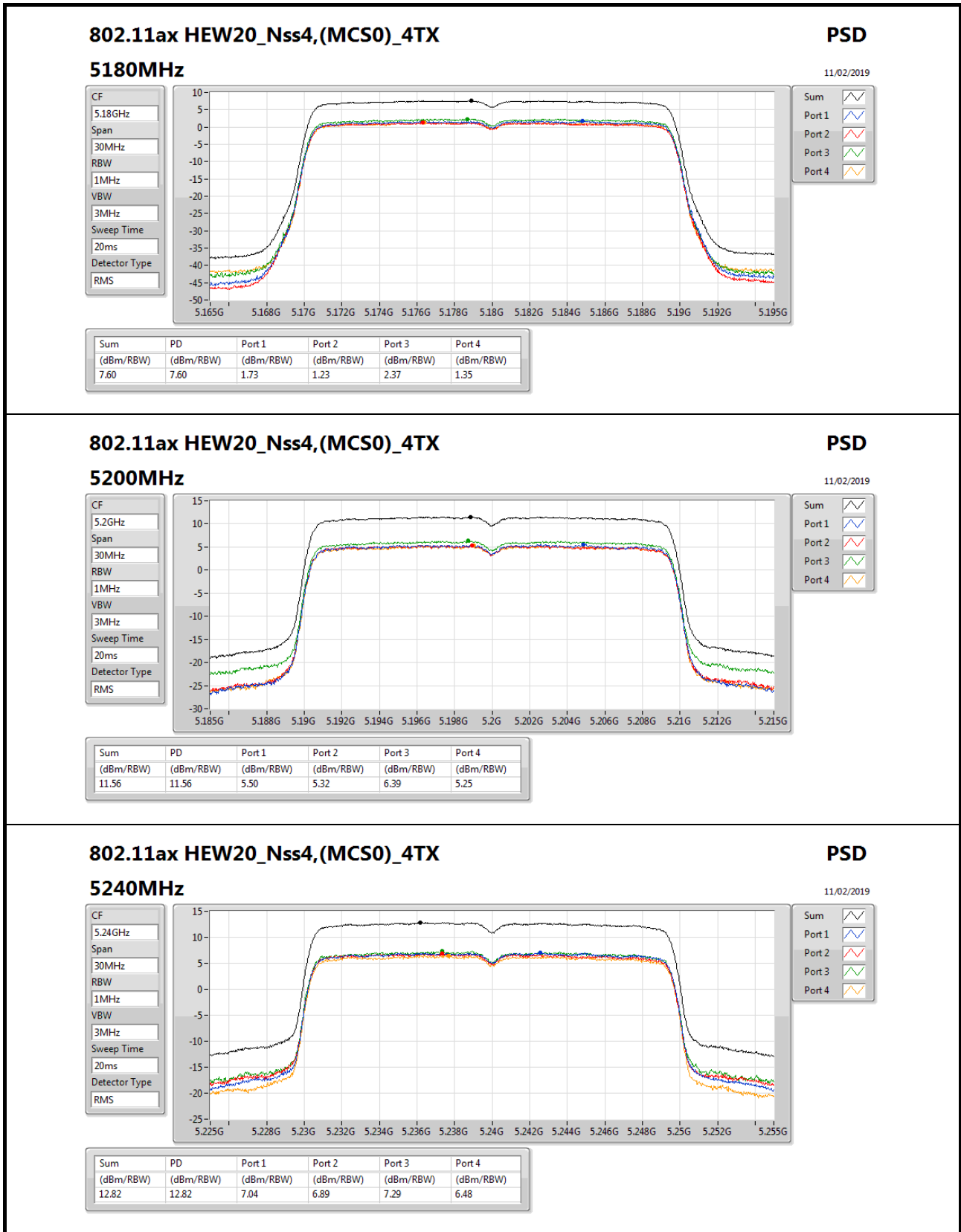
**PSD Result\_Radio 1**

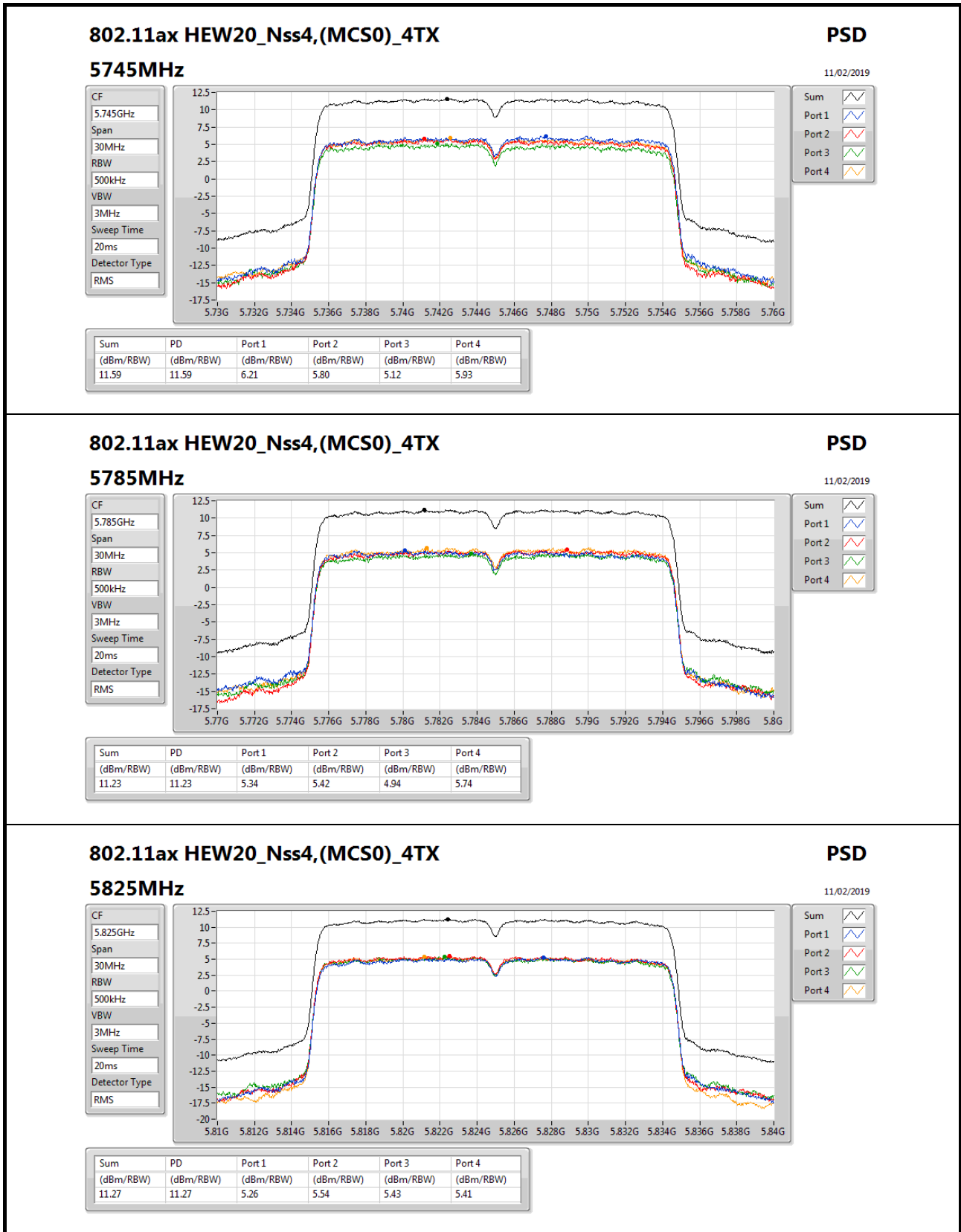
**Result**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.70	1.73	1.23	2.37	1.35	7.60	14.30
5200MHz	Pass	8.70	5.50	5.32	6.39	5.25	11.56	14.30
5240MHz	Pass	8.70	7.04	6.89	7.29	6.48	12.82	14.30
5745MHz	Pass	8.70	6.21	5.80	5.12	5.93	11.59	27.30
5785MHz	Pass	8.70	5.34	5.42	4.94	5.74	11.23	27.30
5825MHz	Pass	8.70	5.26	5.54	5.43	5.41	11.27	27.30
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.70	-2.99	-3.23	-2.91	-3.60	2.64	14.30
5230MHz	Pass	8.70	1.86	1.67	2.14	0.81	7.51	14.30
5755MHz	Pass	8.70	1.32	0.64	0.61	1.20	6.84	27.30
5795MHz	Pass	8.70	1.88	2.27	2.02	2.19	7.98	27.30
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.70	-7.08	-7.20	-6.76	-8.13	-1.36	14.30
5775MHz	Pass	8.70	-3.23	-3.63	-4.38	-4.42	1.94	27.30

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

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





### 802.11ax HEW20\_Nss4,(MCS0)\_4TX

#### 5825MHz

### PSD

11/02/2019

CF  
5.825GHz

Span  
30MHz

RBW  
500kHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



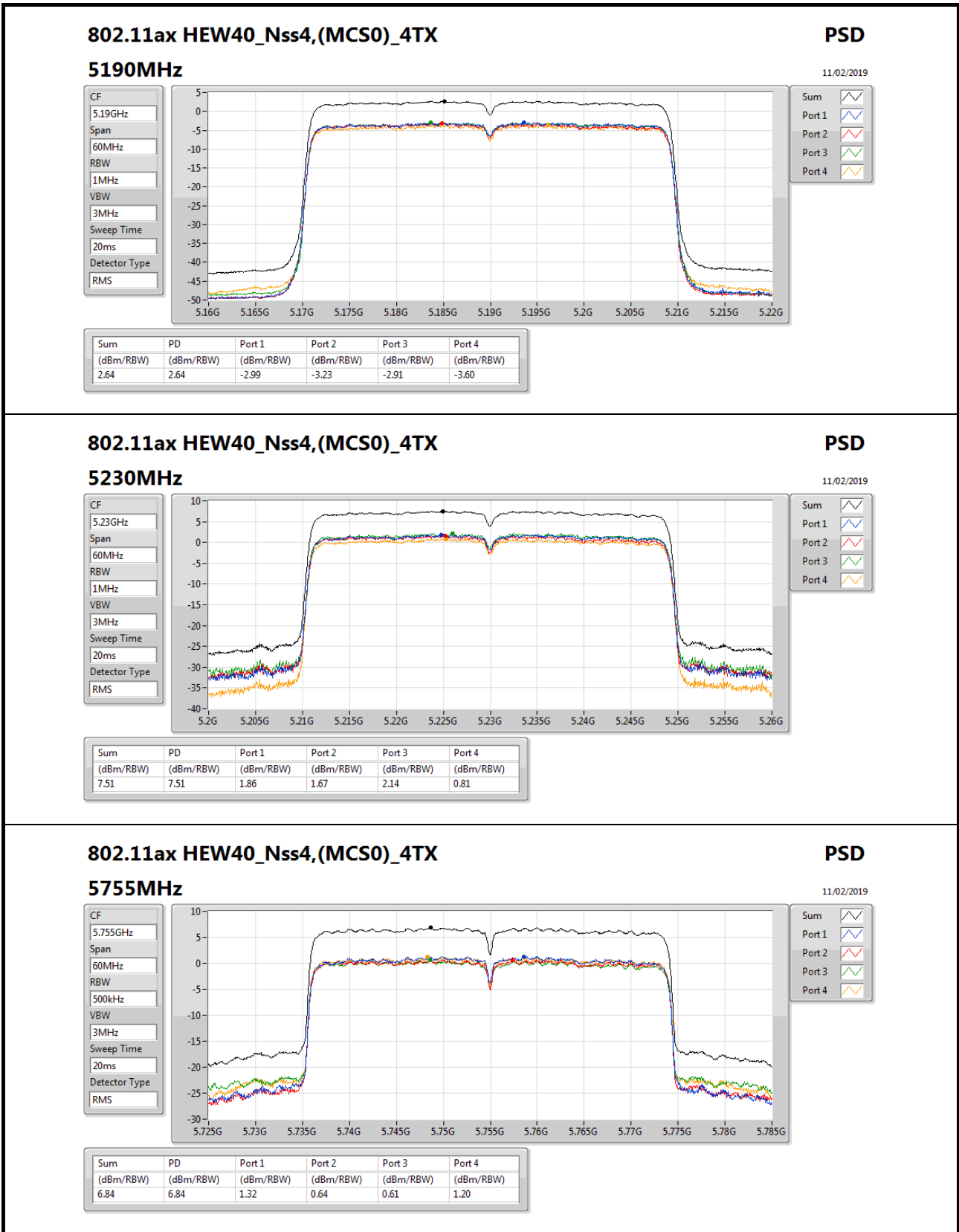
Sum 

Port 1 

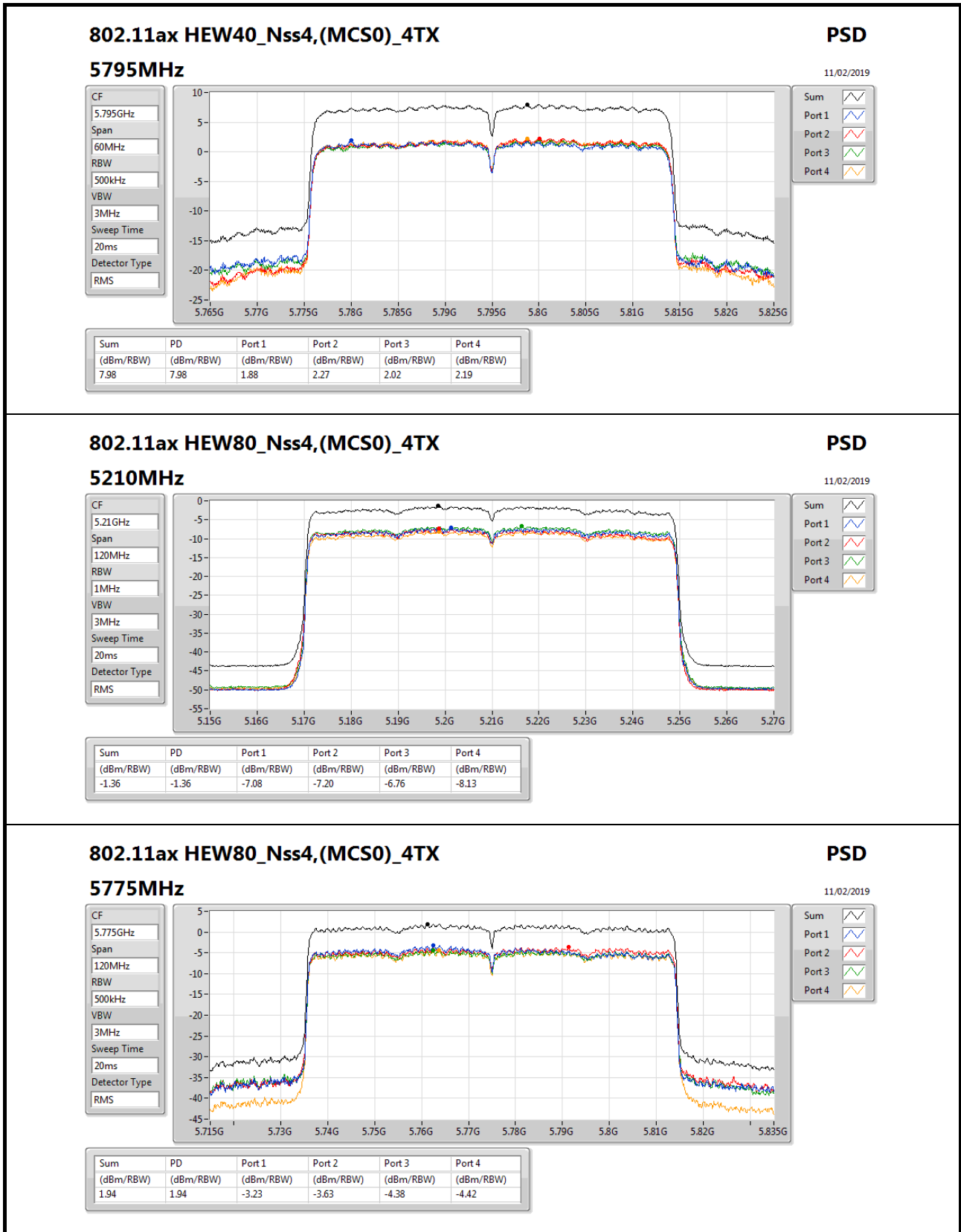
Port 2 

Port 3 

Port 4 







### 802.11ax HEW80\_Nss4,(MCS0)\_4TX

#### 5775MHz

**PSD**

11/02/2019

CF  
5.775GHz

Span  
120MHz

RBW  
500kHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



Sum 

Port 1 

Port 2 

Port 3 

Port 4 



**For outdoor use for 5G Band 1:  
Mode 1: (Ant. 5 Panel antenna / 3 dBi)  
For Non-beamforming / 1T1S mode  
Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_1TX	2.79
802.11ax HEW20_Nss1,(MCS0)_1TX	2.44
802.11ax HEW40_Nss1,(MCS0)_1TX	-0.47
802.11ax HEW80_Nss1,(MCS0)_1TX	-4.58

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



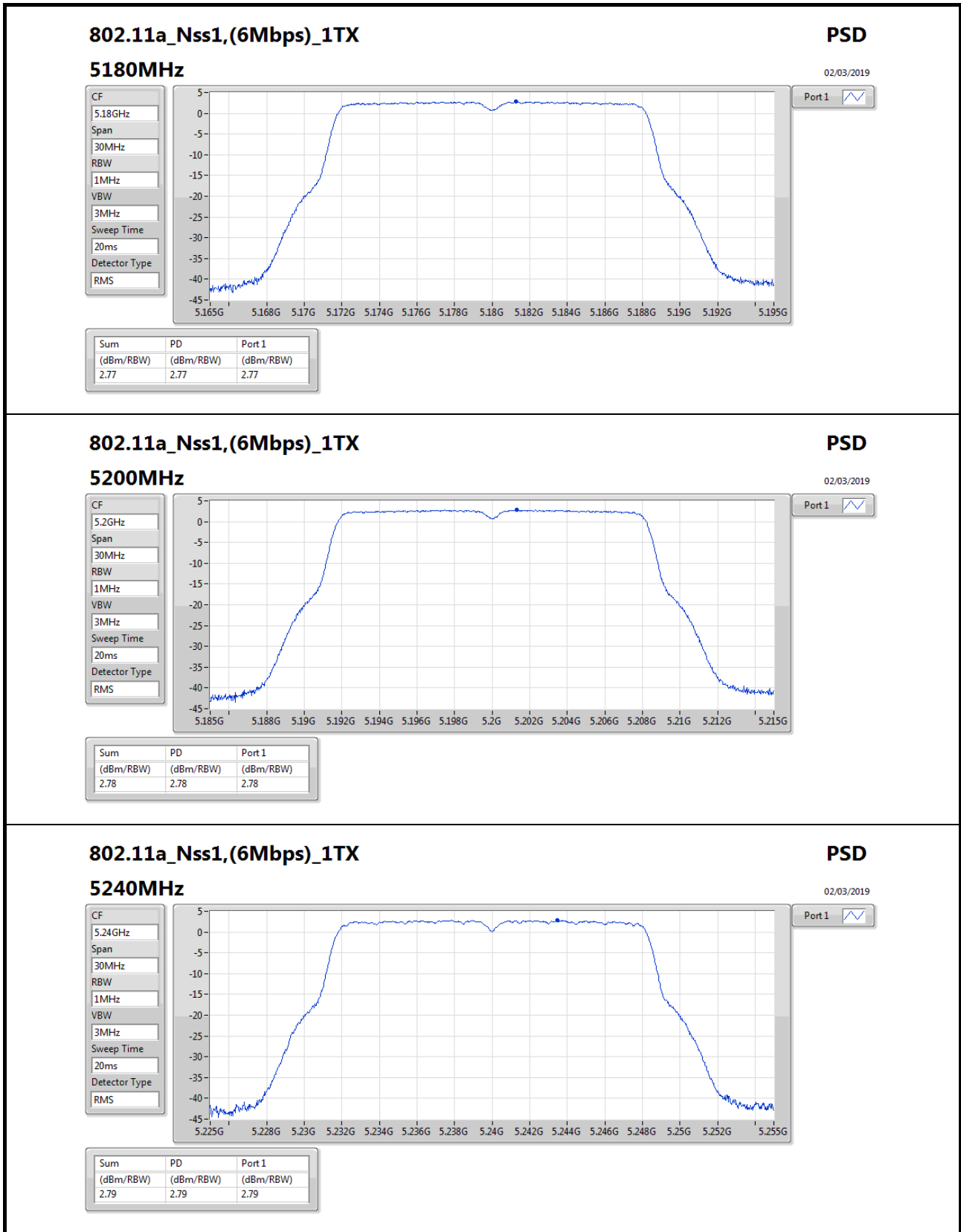
**PSD Result\_Radio 1**

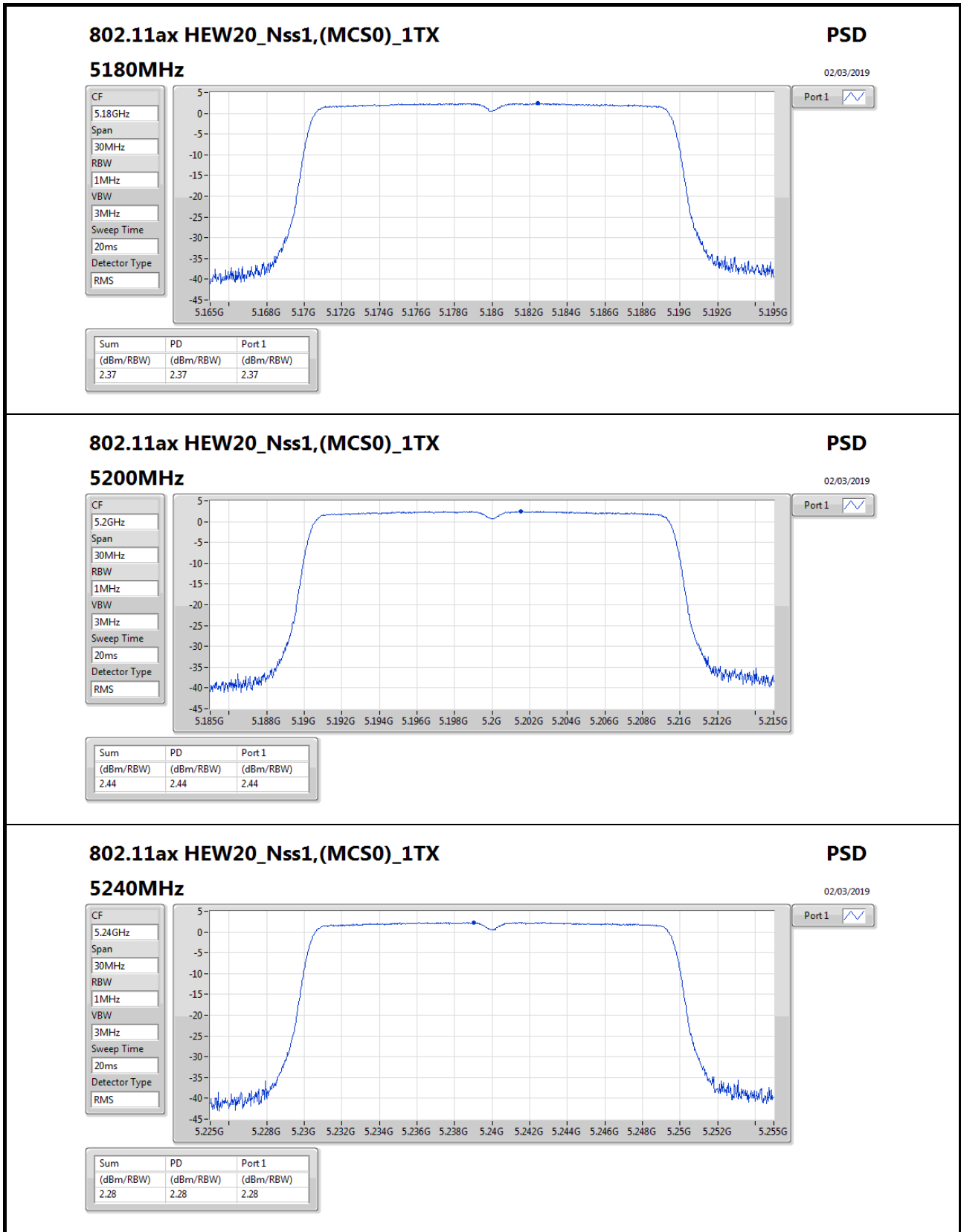
**Result**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	3.00	2.77	2.77	17.00
5200MHz	Pass	3.00	2.78	2.78	17.00
5240MHz	Pass	3.00	2.79	2.79	17.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	3.00	2.37	2.37	17.00
5200MHz	Pass	3.00	2.44	2.44	17.00
5240MHz	Pass	3.00	2.28	2.28	17.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	3.00	-1.36	-1.36	17.00
5230MHz	Pass	3.00	-0.47	-0.47	17.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	3.00	-4.58	-4.58	17.00

**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 Xpower density;





### 802.11ax HEW20\_Nss1,(MCS0)\_1TX

#### 5240MHz

**PSD**  
02/03/2019

CF  
5.24GHz

Span  
30MHz

RBW  
1MHz

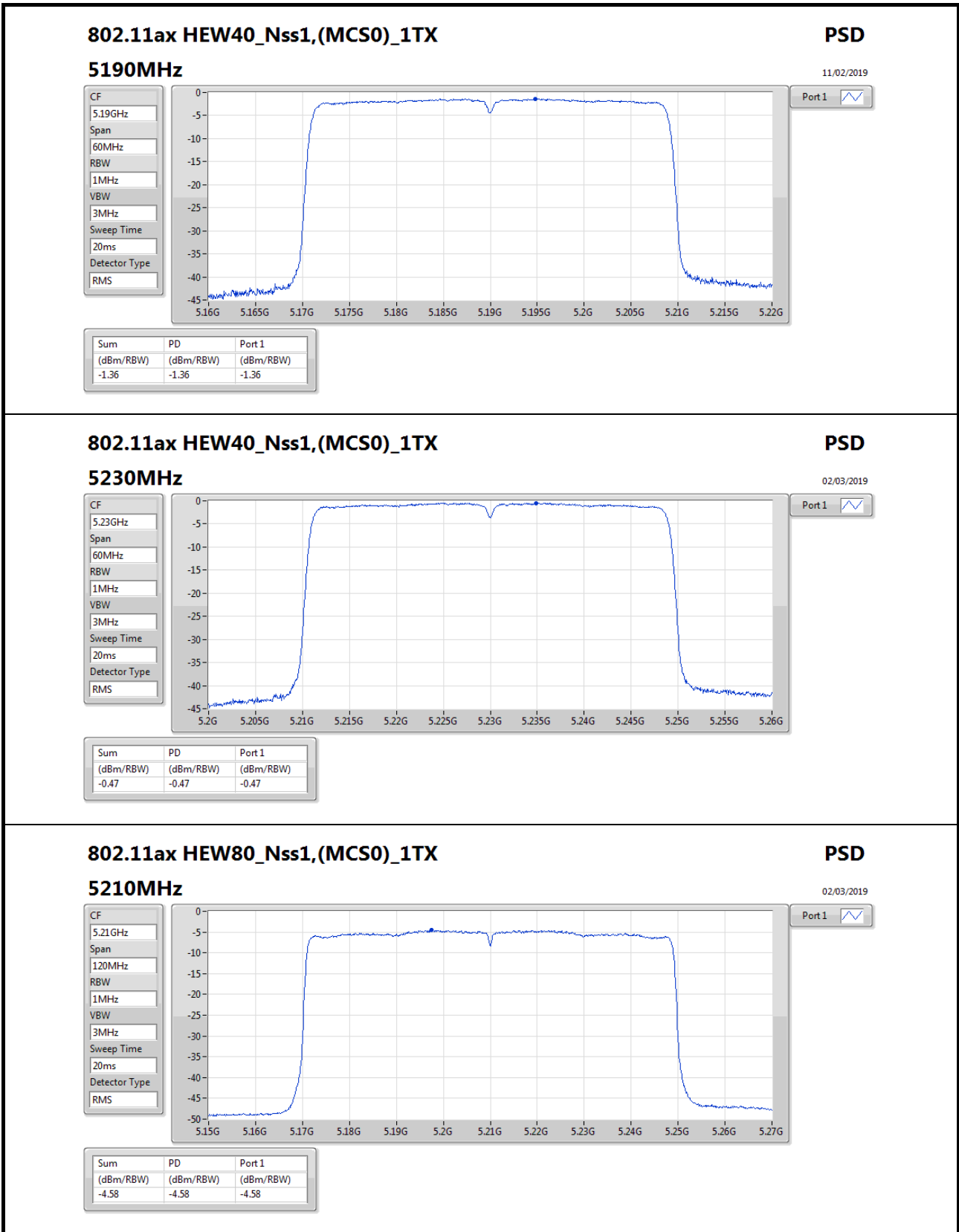
VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS

Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.28	2.28	2.28





**For Non-beamforming / 2T2S mode  
Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20_Nss2,(MCS0)_2TX	2.34
802.11ax HEW40_Nss2,(MCS0)_2TX	-0.55
802.11ax HEW80_Nss2,(MCS0)_2TX	-2.89

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



**PSD Result\_Radio 1**

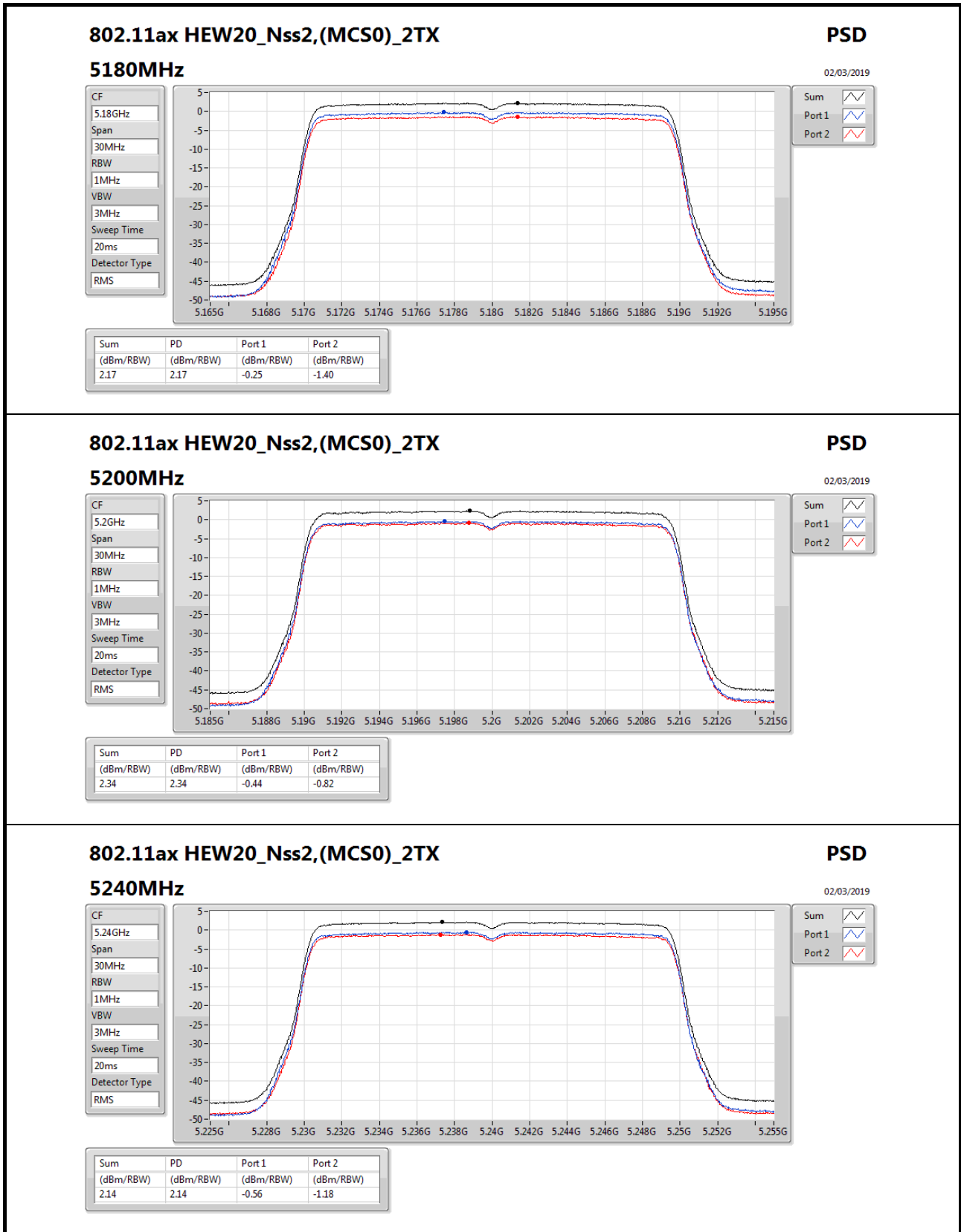
**Result**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	3.00	-0.25	-1.40	2.17	17.00
5200MHz	Pass	3.00	-0.44	-0.82	2.34	17.00
5240MHz	Pass	3.00	-0.56	-1.18	2.14	17.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	3.00	-3.33	-3.82	-0.59	17.00
5230MHz	Pass	3.00	-3.15	-3.89	-0.55	17.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	3.00	-5.88	-5.87	-2.89	17.00

**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 Xpower density;





### 802.11ax HEW20\_Nss2,(MCS0)\_2TX

#### 5240MHz

### PSD

02/03/2019

CF  
5.24GHz

Span  
30MHz

RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

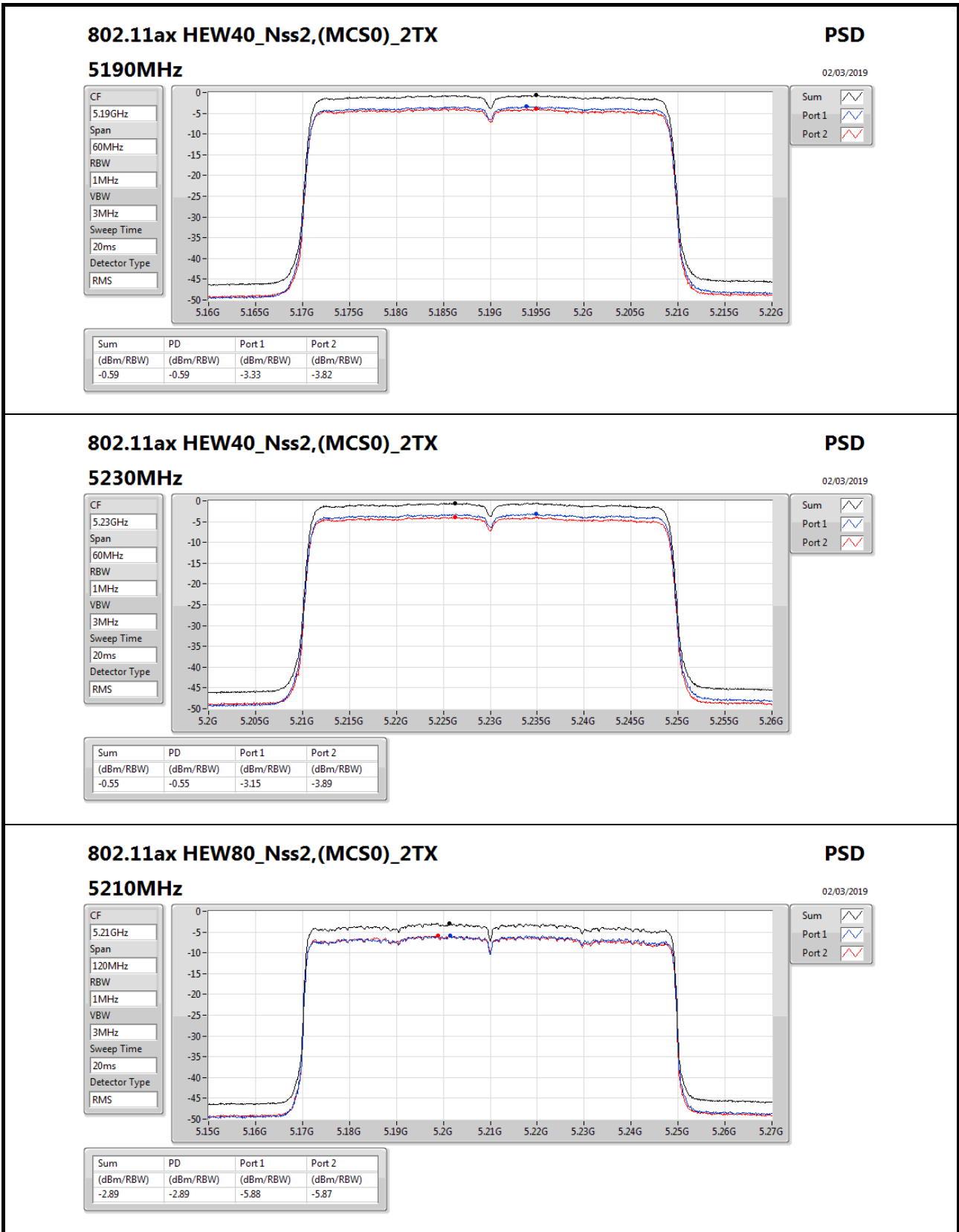
Detector Type  
RMS



Sum 

Port 1 

Port 2 



### 802.11ax HEW80\_Nss2,(MCS0)\_2TX

#### 5210MHz

PSD

02/03/2019

CF  
5.21GHz

Span  
120MHz

RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



Sum 

Port 1 

Port 2 



**For Non-beamforming / 4T1S mode  
Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	2.97
802.11ax HEW20_Nss1,(MCS0)_4TX	2.36
802.11ax HEW40_Nss1,(MCS0)_4TX	-0.44
802.11ax HEW80_Nss1,(MCS0)_4TX	-3.28

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

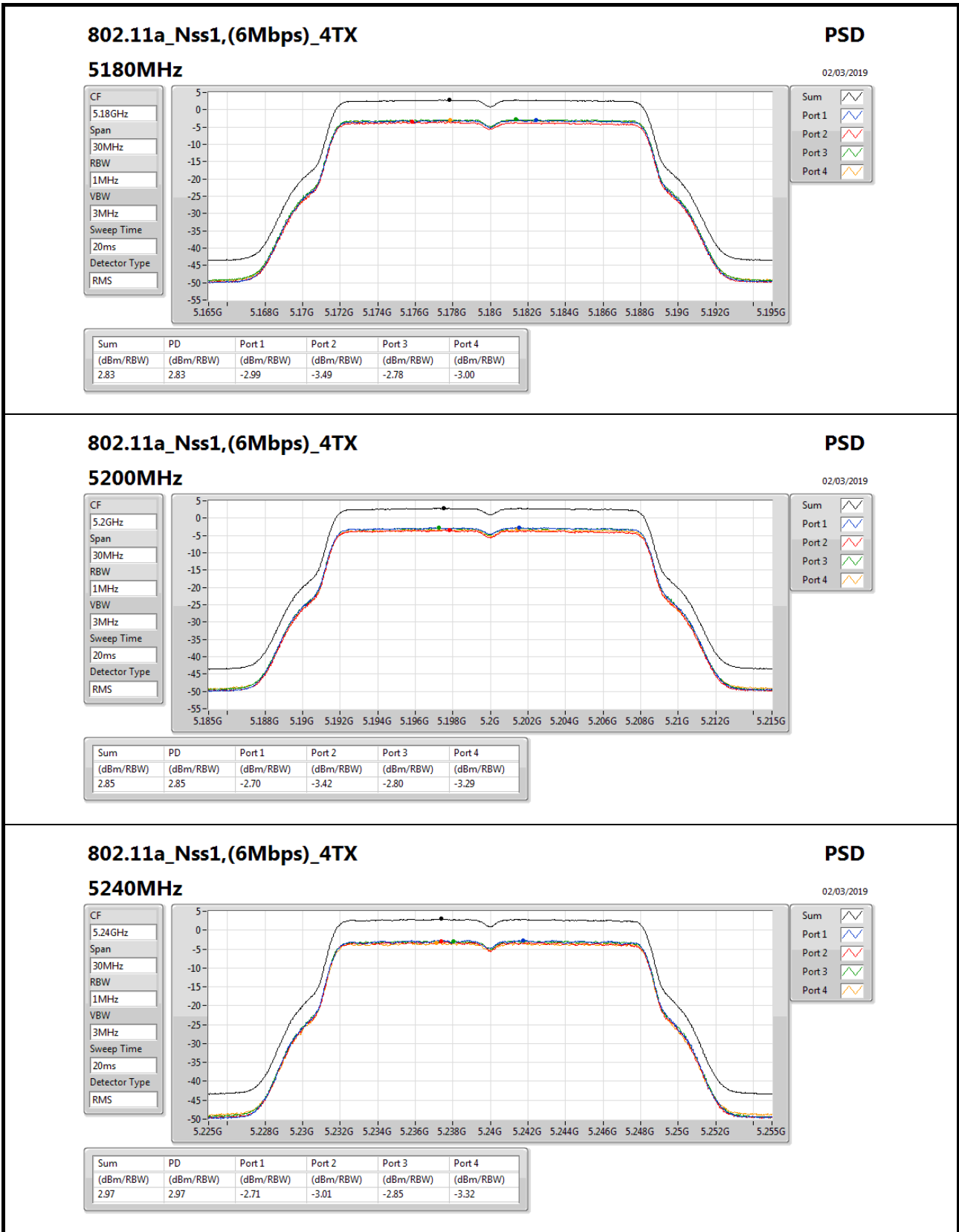


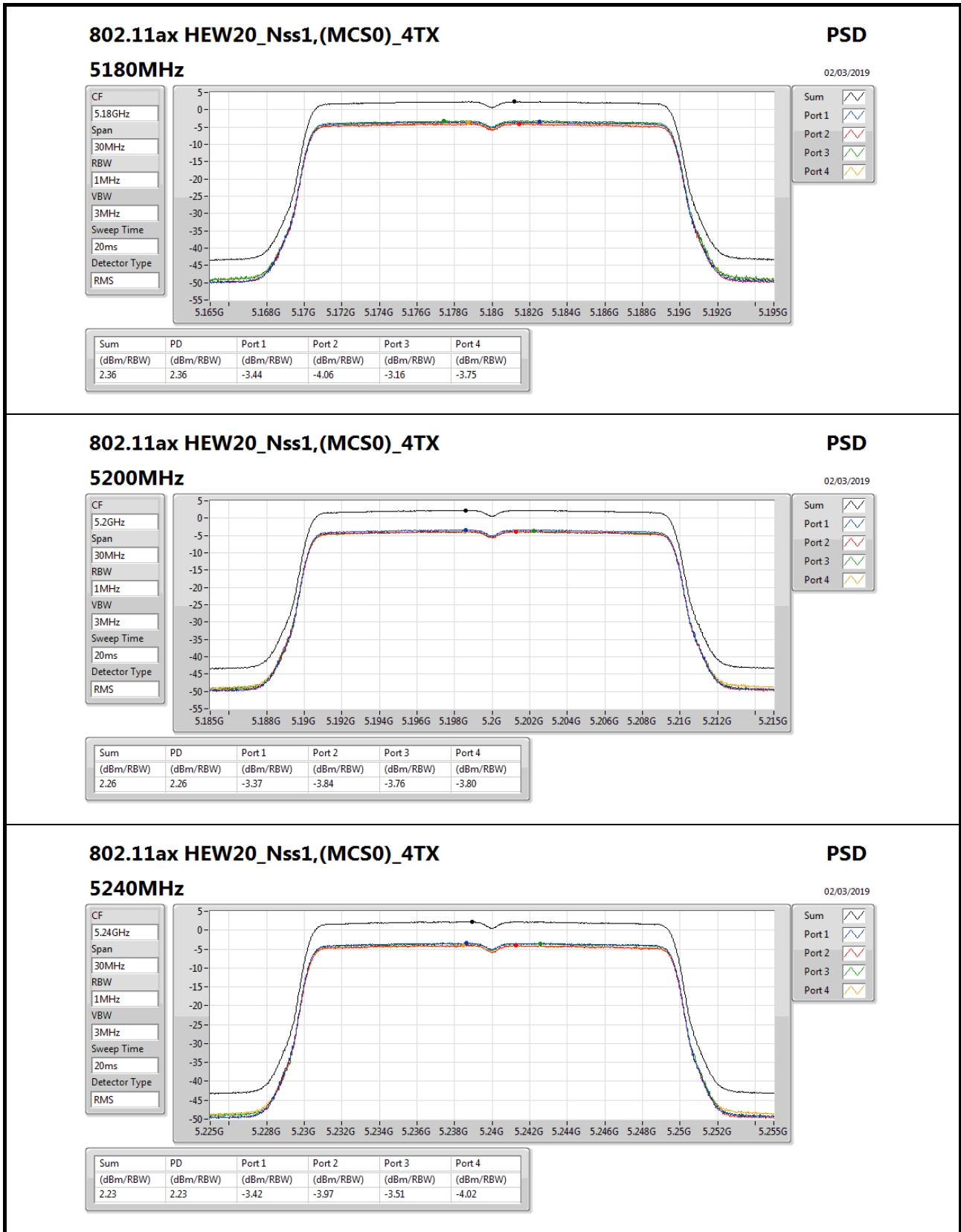
**PSD Result\_Radio 1**

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	9.02	-2.99	-3.49	-2.78	-3.00	2.83	13.98
5200MHz	Pass	9.02	-2.70	-3.42	-2.80	-3.29	2.85	13.98
5240MHz	Pass	9.02	-2.71	-3.01	-2.85	-3.32	2.97	13.98
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	9.02	-3.44	-4.06	-3.16	-3.75	2.36	13.98
5200MHz	Pass	9.02	-3.37	-3.84	-3.76	-3.80	2.26	13.98
5240MHz	Pass	9.02	-3.42	-3.97	-3.51	-4.02	2.23	13.98
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	9.02	-6.07	-7.02	-6.77	-6.71	-0.71	13.98
5230MHz	Pass	9.02	-5.91	-6.70	-6.25	-6.66	-0.44	13.98
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	9.02	-8.89	-9.58	-9.17	-9.37	-3.28	13.98

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





### 802.11ax HEW20\_Nss1,(MCS0)\_4TX

#### 5240MHz

### PSD

02/03/2019

CF  
5.24GHz

Span  
30MHz

RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



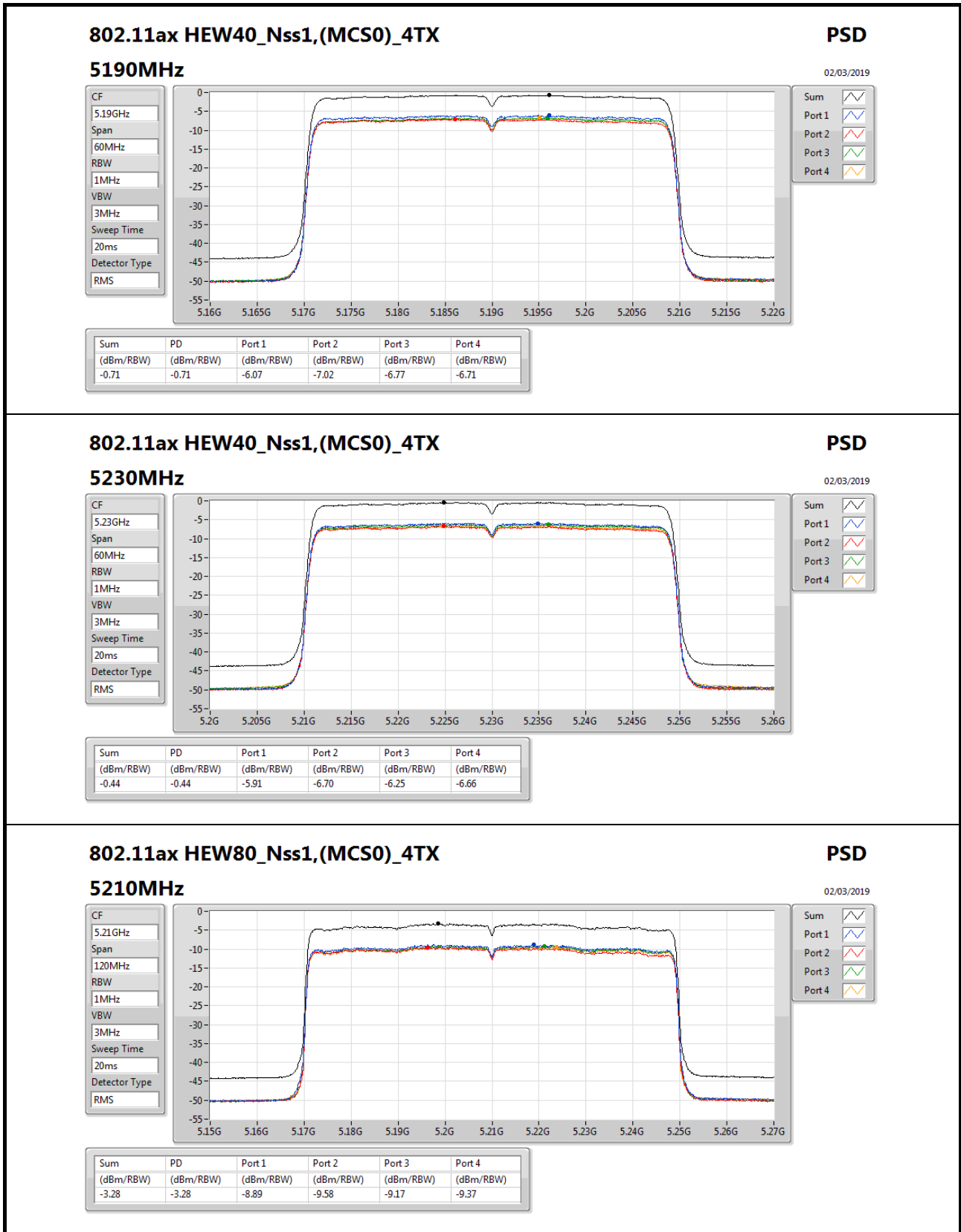
Sum 

Port 1 

Port 2 

Port 3 

Port 4 



### 802.11ax HEW80\_Nss1,(MCS0)\_4TX

#### 5210MHz

### PSD

02/03/2019

CF  
5.21GHz

Span  
120MHz

RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



Sum

Port 1

Port 2

Port 3

Port 4



**For Beamforming / 4T1S mode  
Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-3.10
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-6.13
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-9.29

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





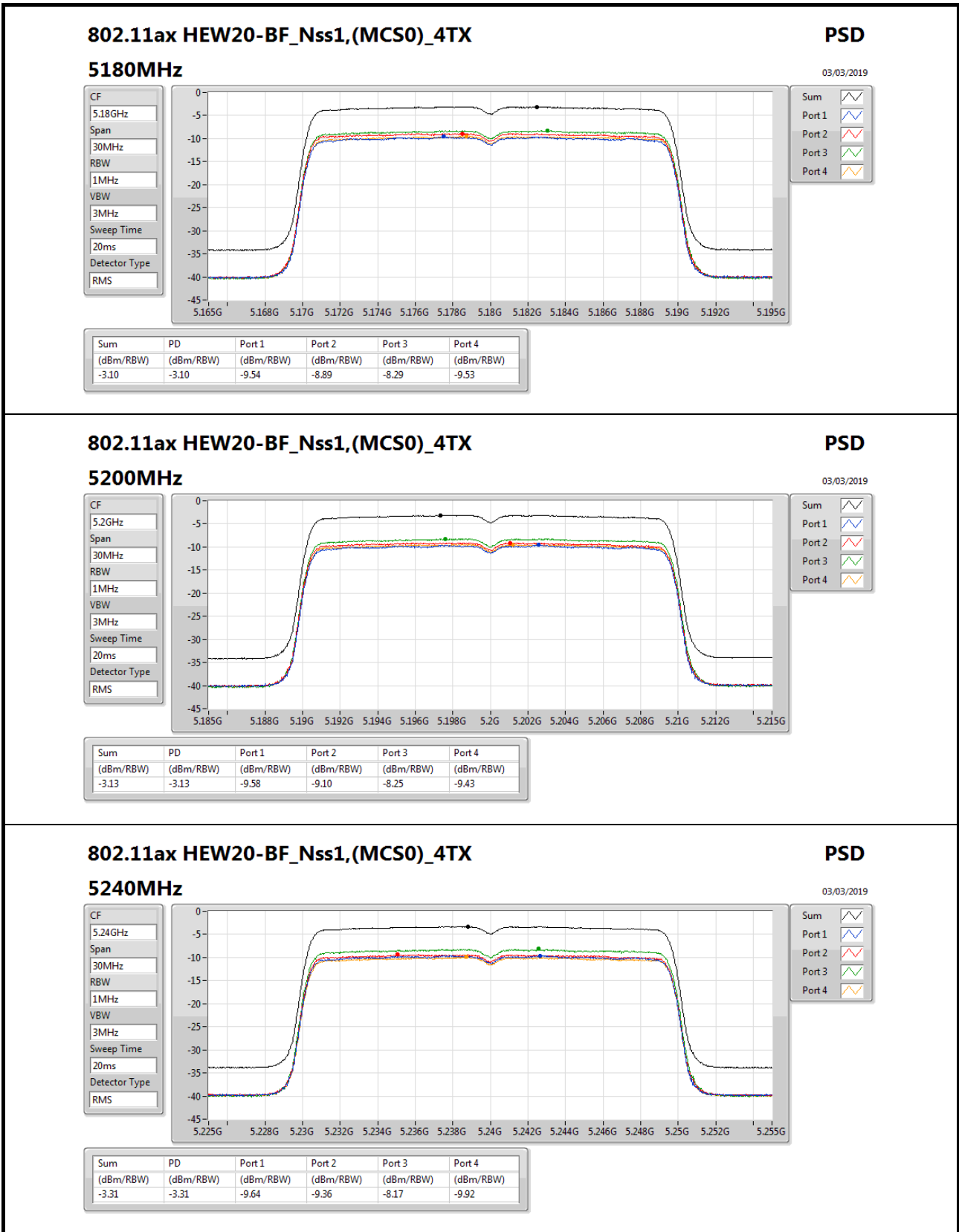
**PSD Result\_Radio 1**

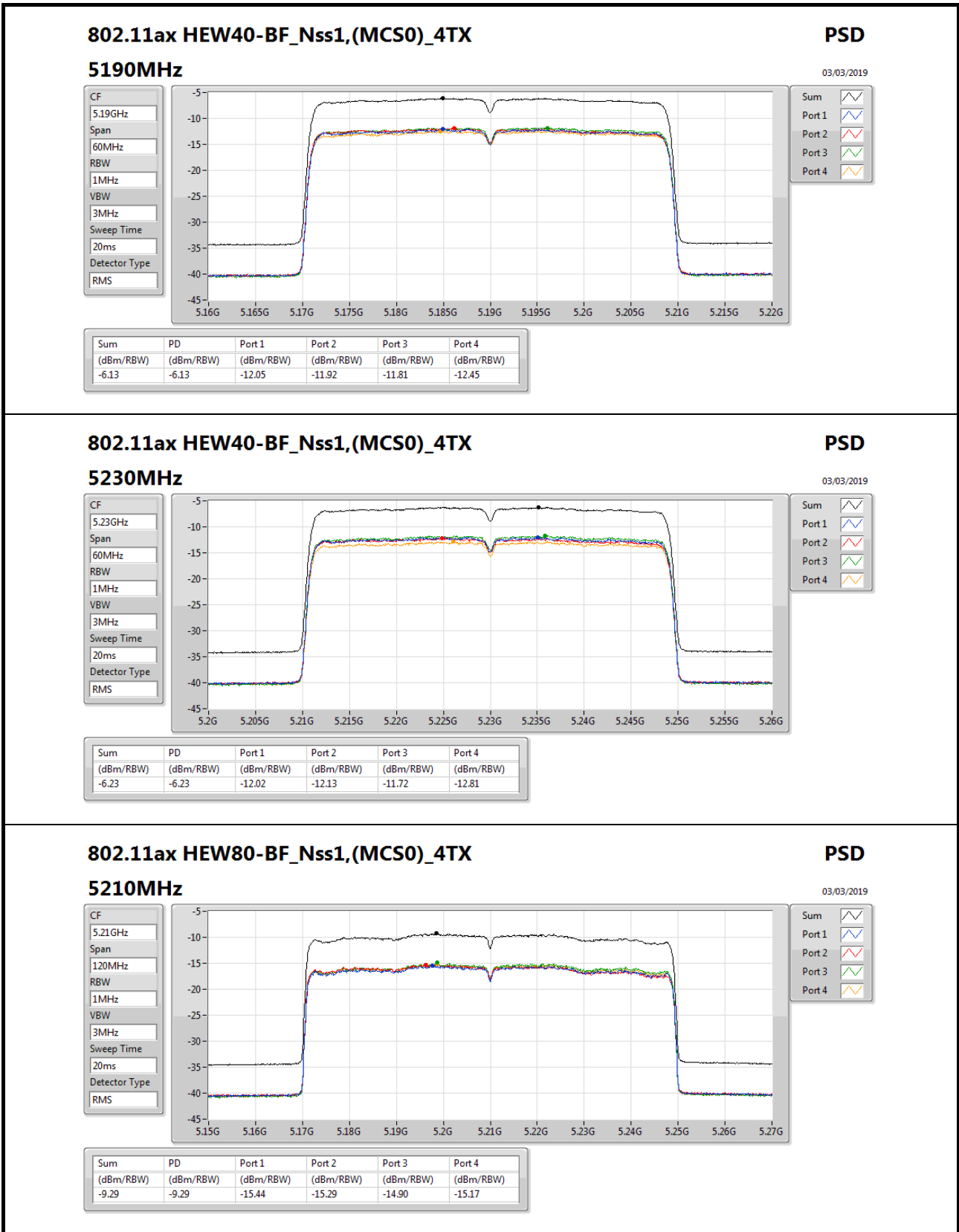
**Result**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	9.02	-9.54	-8.89	-8.29	-9.53	-3.10	13.98
5200MHz	Pass	9.02	-9.58	-9.10	-8.25	-9.43	-3.13	13.98
5240MHz	Pass	9.02	-9.64	-9.36	-8.17	-9.92	-3.31	13.98
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	9.02	-12.05	-11.92	-11.81	-12.45	-6.13	13.98
5230MHz	Pass	9.02	-12.02	-12.13	-11.72	-12.81	-6.23	13.98
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	9.02	-15.44	-15.29	-14.90	-15.17	-9.29	13.98

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

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







**For Non-beamforming / 4T4S mode  
Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20_Nss4,(MCS0)_4TX	2.46
802.11ax HEW40_Nss4,(MCS0)_4TX	-0.21
802.11ax HEW80_Nss4,(MCS0)_4TX	-3.72

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



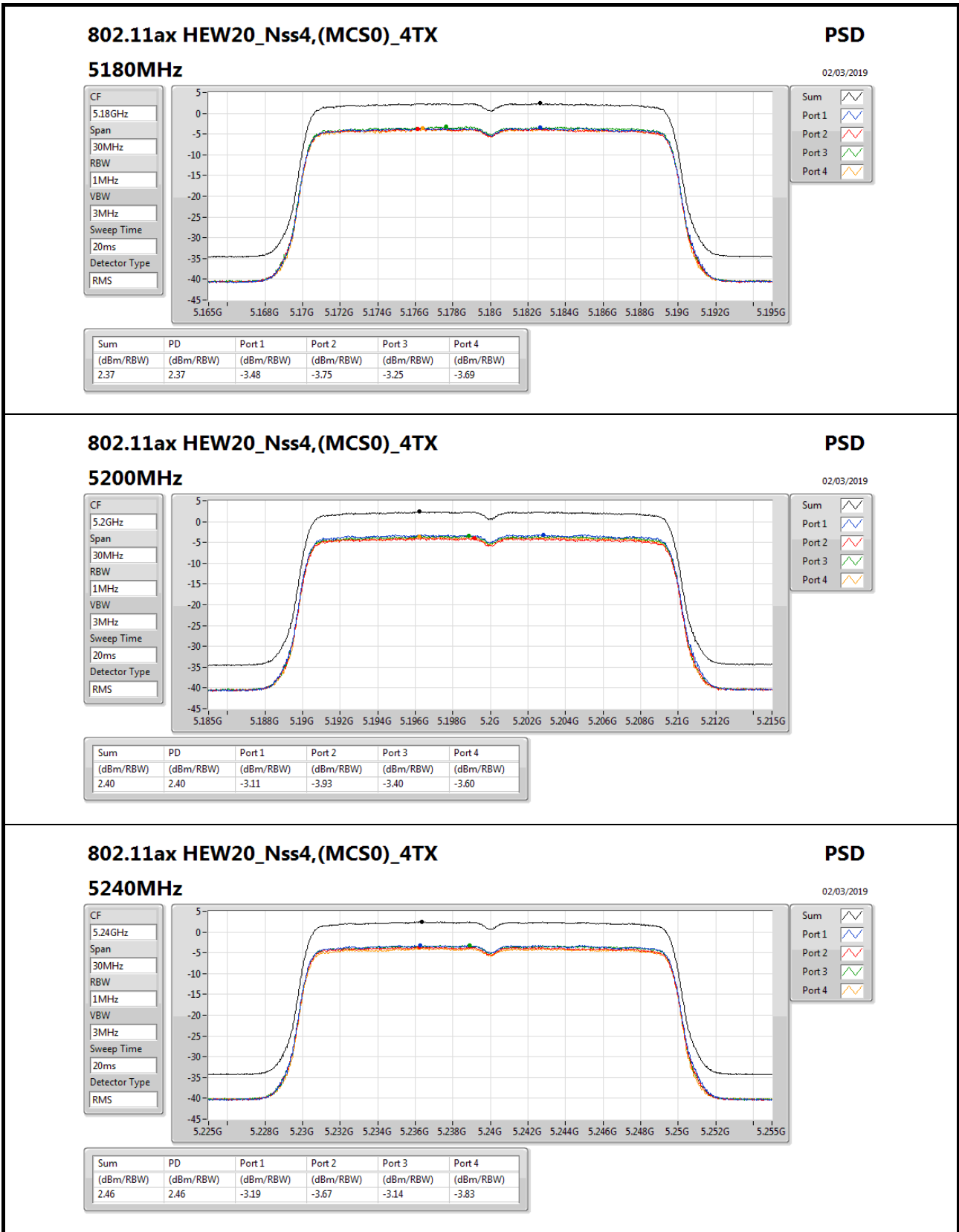
**PSD Result\_Radio 1**

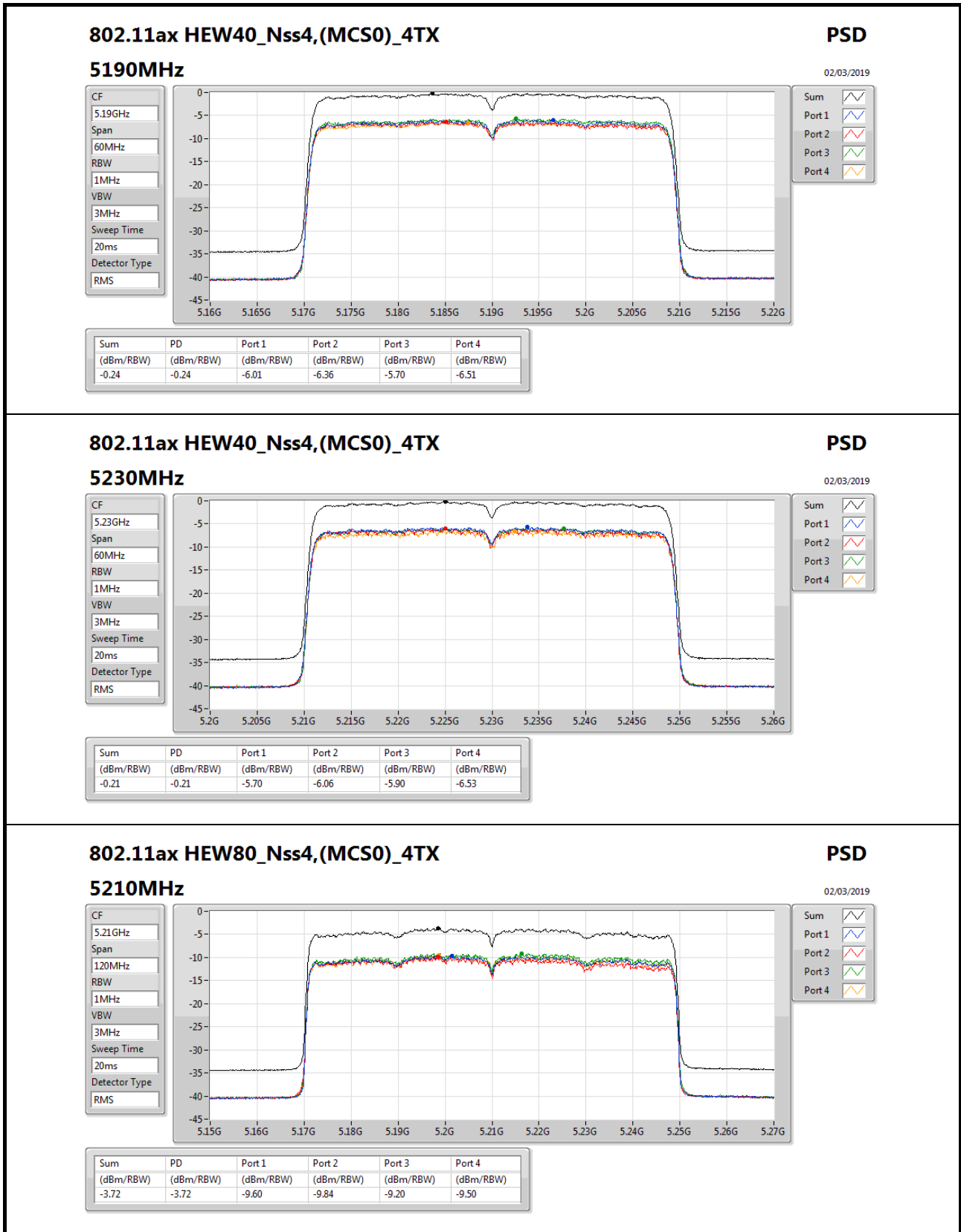
**Result**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.00	-3.48	-3.75	-3.25	-3.69	2.37	17.00
5200MHz	Pass	3.00	-3.11	-3.93	-3.40	-3.60	2.40	17.00
5240MHz	Pass	3.00	-3.19	-3.67	-3.14	-3.83	2.46	17.00
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	3.00	-6.01	-6.36	-5.70	-6.51	-0.24	17.00
5230MHz	Pass	3.00	-5.70	-6.06	-5.90	-6.53	-0.21	17.00
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	3.00	-9.60	-9.84	-9.20	-9.50	-3.72	17.00

**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 Xpower density;







**Mode 2: (Ant. 6 Omni antenna / 6 dBi)  
For Non-beamforming / 1T1S mode  
Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_1TX	7.85
802.11ax HEW20_Nss1,(MCS0)_1TX	6.96
802.11ax HEW40_Nss1,(MCS0)_1TX	2.15
802.11ax HEW80_Nss1,(MCS0)_1TX	-4.84

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



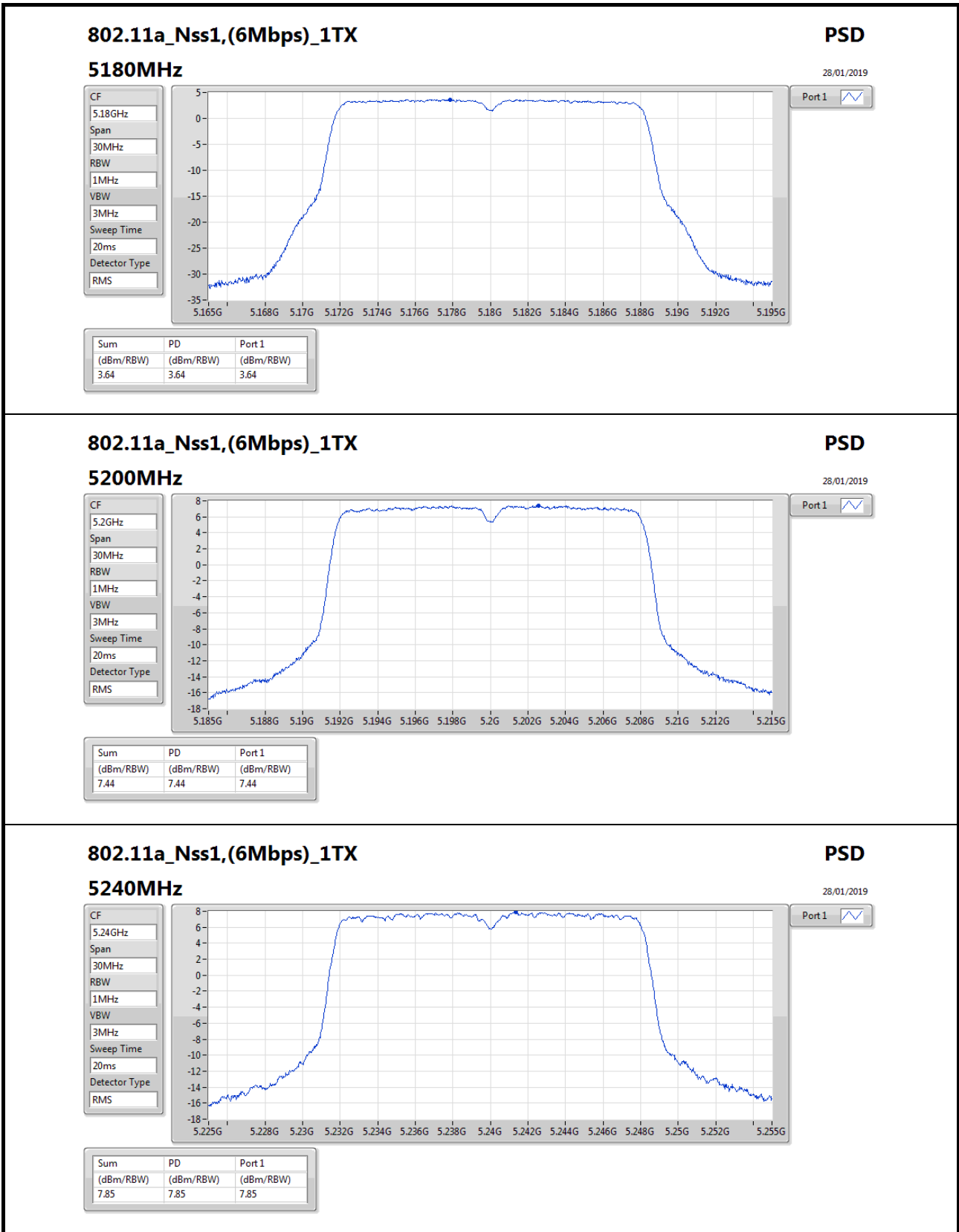


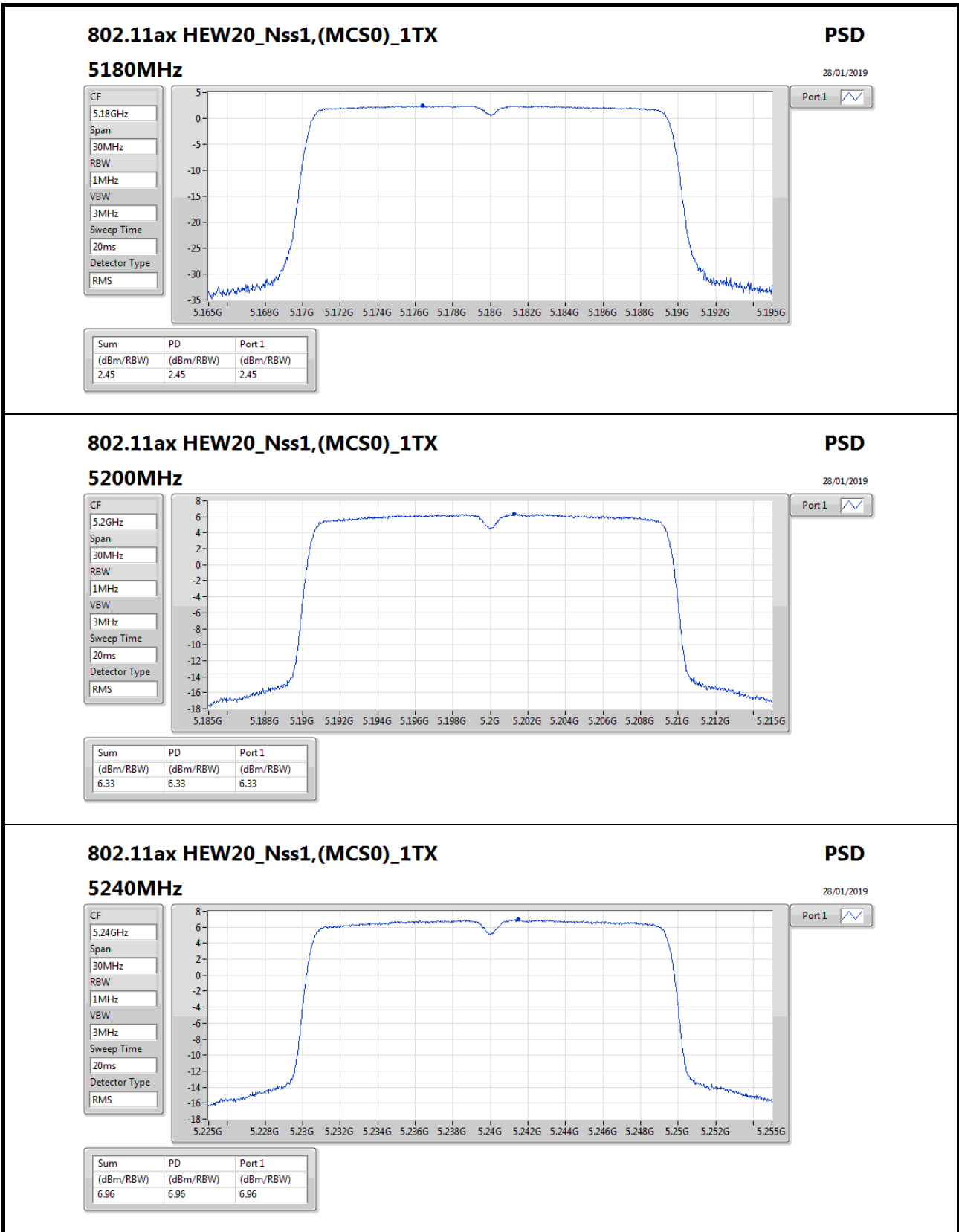
**PSD Result\_Radio 1**

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	6.00	3.64	3.64	17.00
5200MHz	Pass	6.00	7.44	7.44	17.00
5240MHz	Pass	6.00	7.85	7.85	17.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	6.00	2.45	2.45	17.00
5200MHz	Pass	6.00	6.33	6.33	17.00
5240MHz	Pass	6.00	6.96	6.96	17.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	6.00	-1.80	-1.80	17.00
5230MHz	Pass	6.00	2.15	2.15	17.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	6.00	-4.84	-4.84	17.00

**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 Xpower density;





### 802.11ax HEW20\_Nss1,(MCS0)\_1TX

#### 5240MHz

PSD

28/01/2019

CF

5.24GHz

Span

30MHz

RBW

1MHz

VBW

3MHz

Sweep Time

20ms

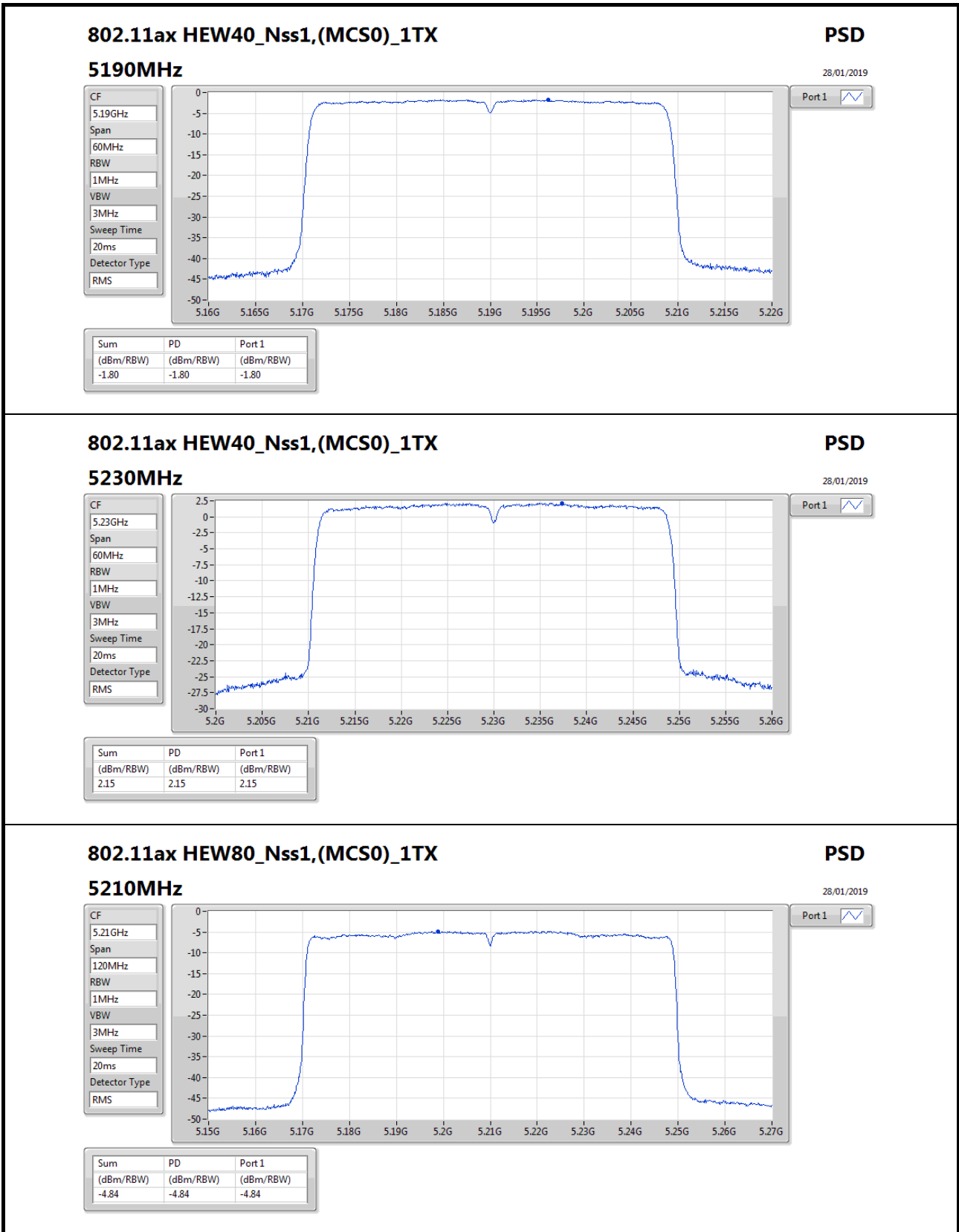
Detector Type

RMS



Port 1

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



### 802.11ax HEW80\_Nss1,(MCS0)\_1TX

#### 5210MHz

**PSD**  
28/01/2019

CF  
5.21GHz

Span  
120MHz

RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



Port 1 

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



**For Non-beamforming / 2T2S mode  
Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20_Nss2,(MCS0)_2TX	10.00
802.11ax HEW40_Nss2,(MCS0)_2TX	4.68
802.11ax HEW80_Nss2,(MCS0)_2TX	-2.49

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



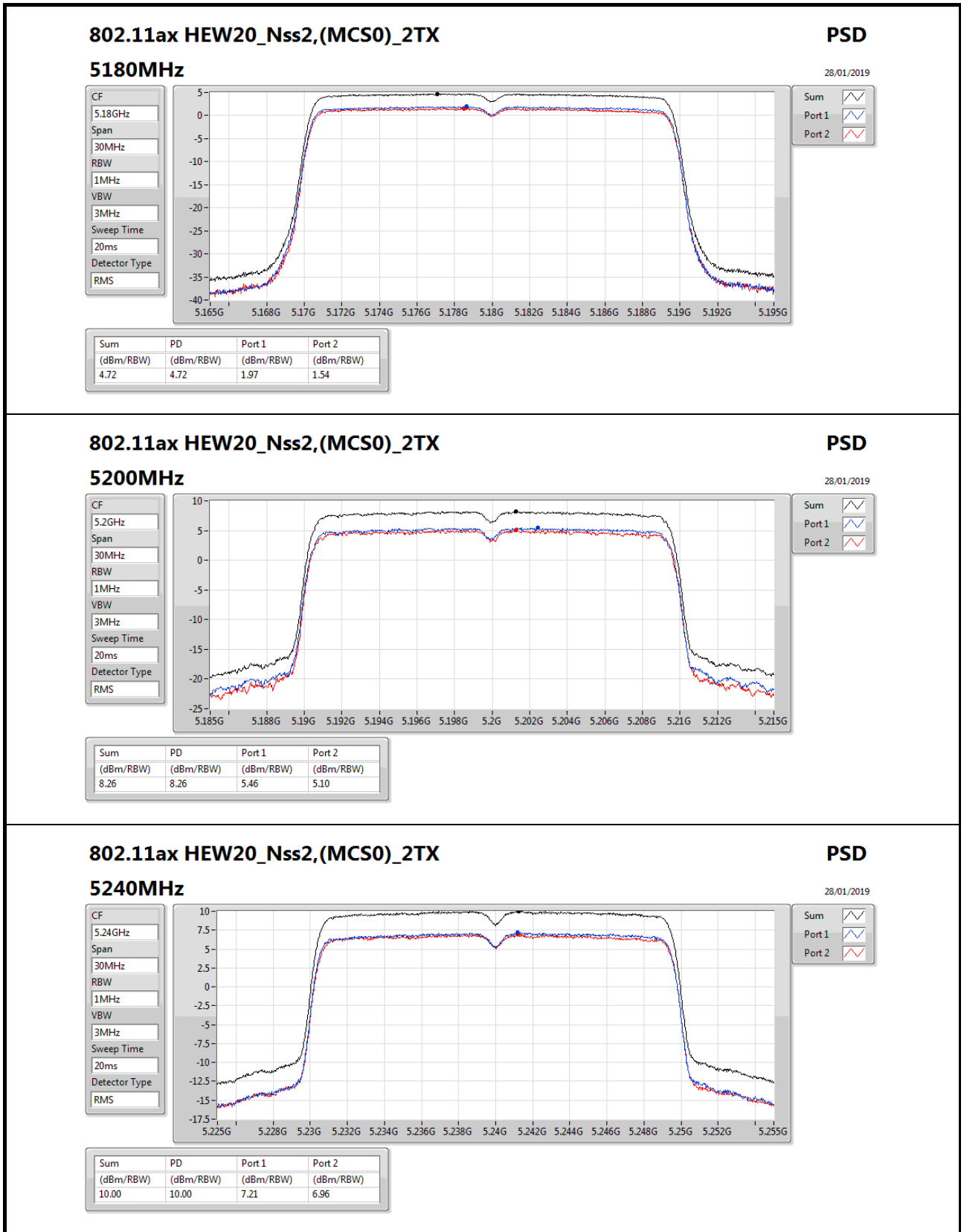
**PSD Result\_Radio 1**

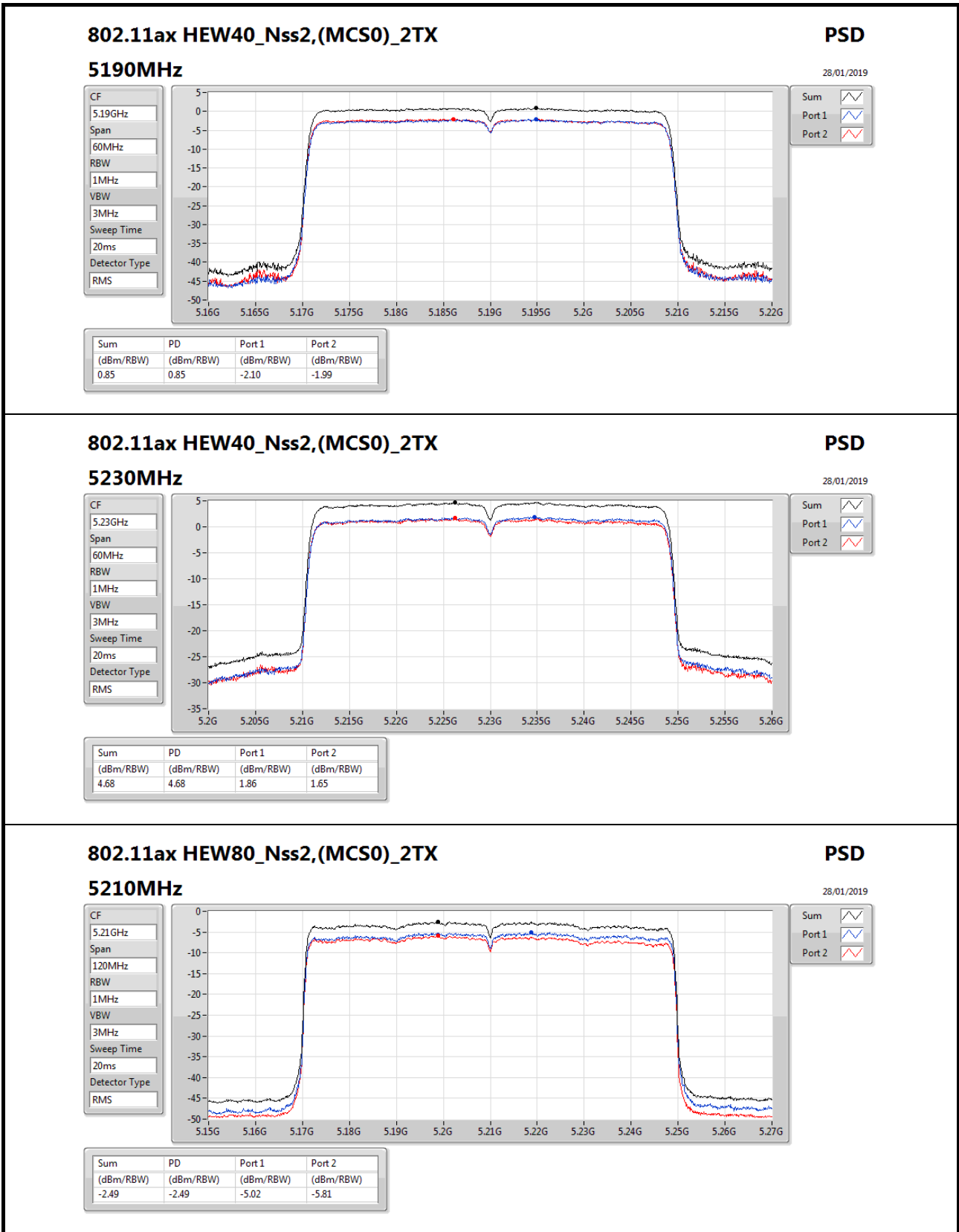
**Result**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	6.00	1.97	1.54	4.72	17.00
5200MHz	Pass	6.00	5.46	5.10	8.26	17.00
5240MHz	Pass	6.00	7.21	6.96	10.00	17.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	6.00	-2.10	-1.99	0.85	17.00
5230MHz	Pass	6.00	1.86	1.65	4.68	17.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	6.00	-5.02	-5.81	-2.49	17.00

**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 Xpower density;









**For Non-beamforming / 4T1S mode  
Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	10.92
802.11ax HEW20_Nss1,(MCS0)_4TX	10.90
802.11ax HEW40_Nss1,(MCS0)_4TX	6.26
802.11ax HEW80_Nss1,(MCS0)_4TX	-1.23

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



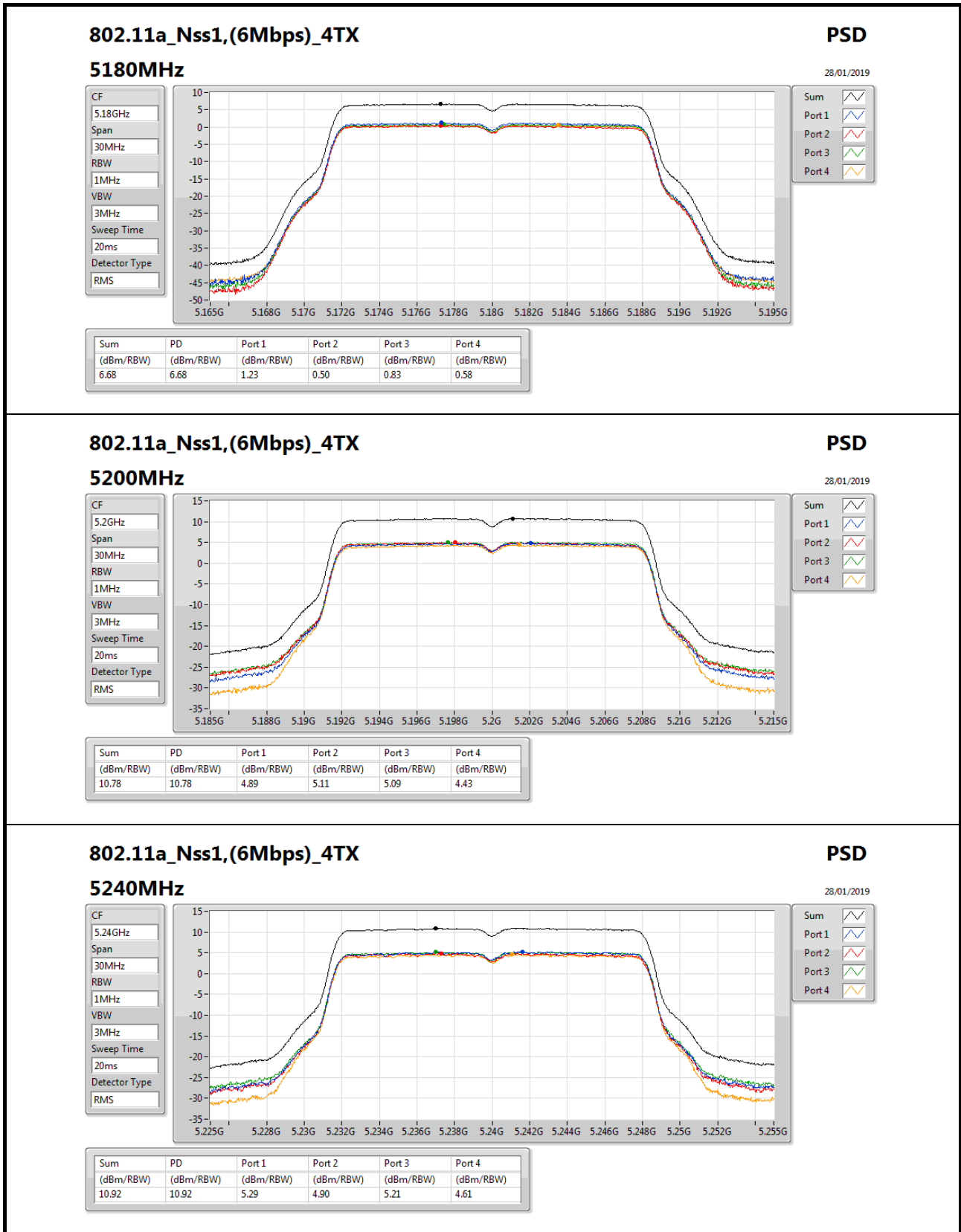
**PSD Result\_Radio 1**

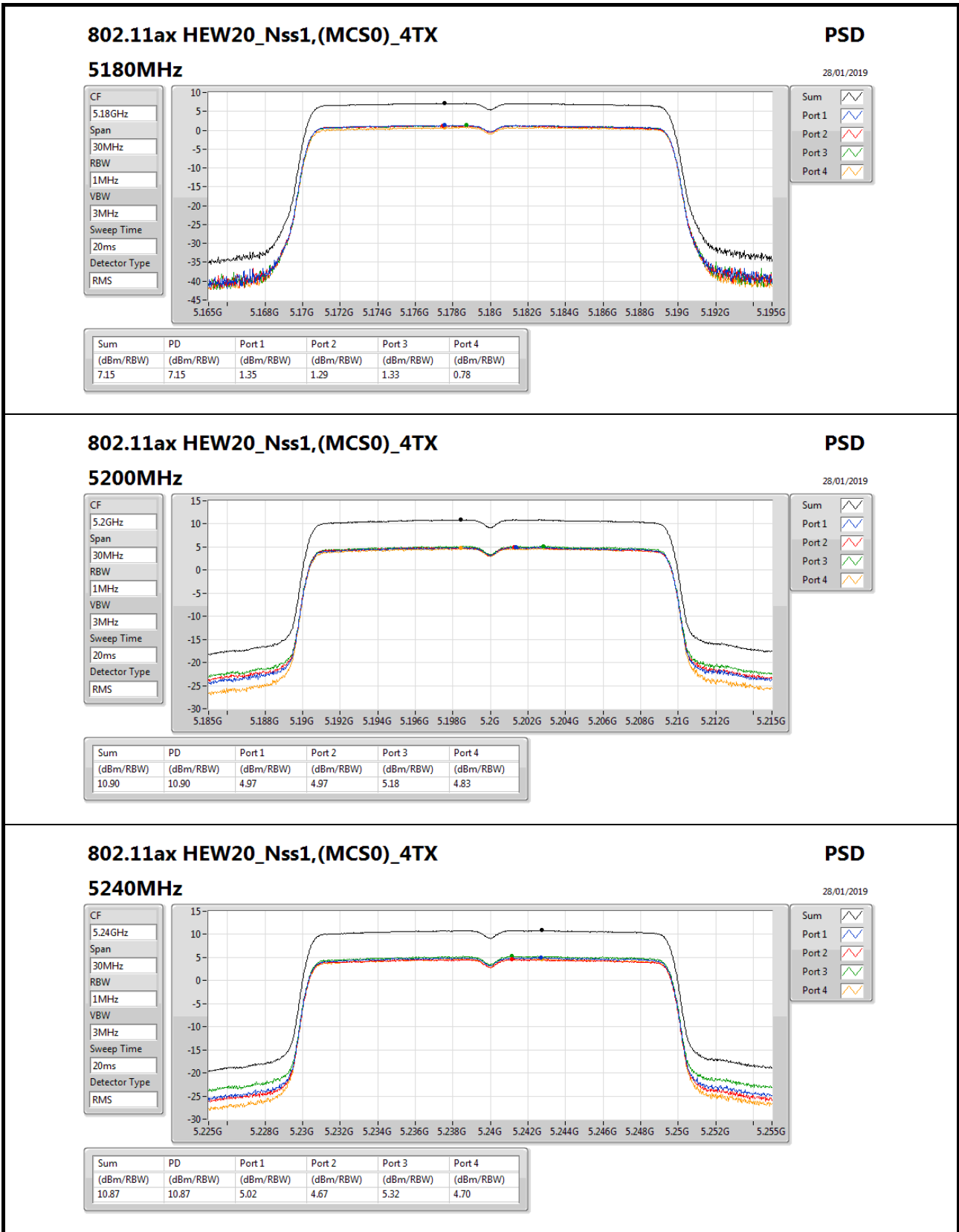
**Result**

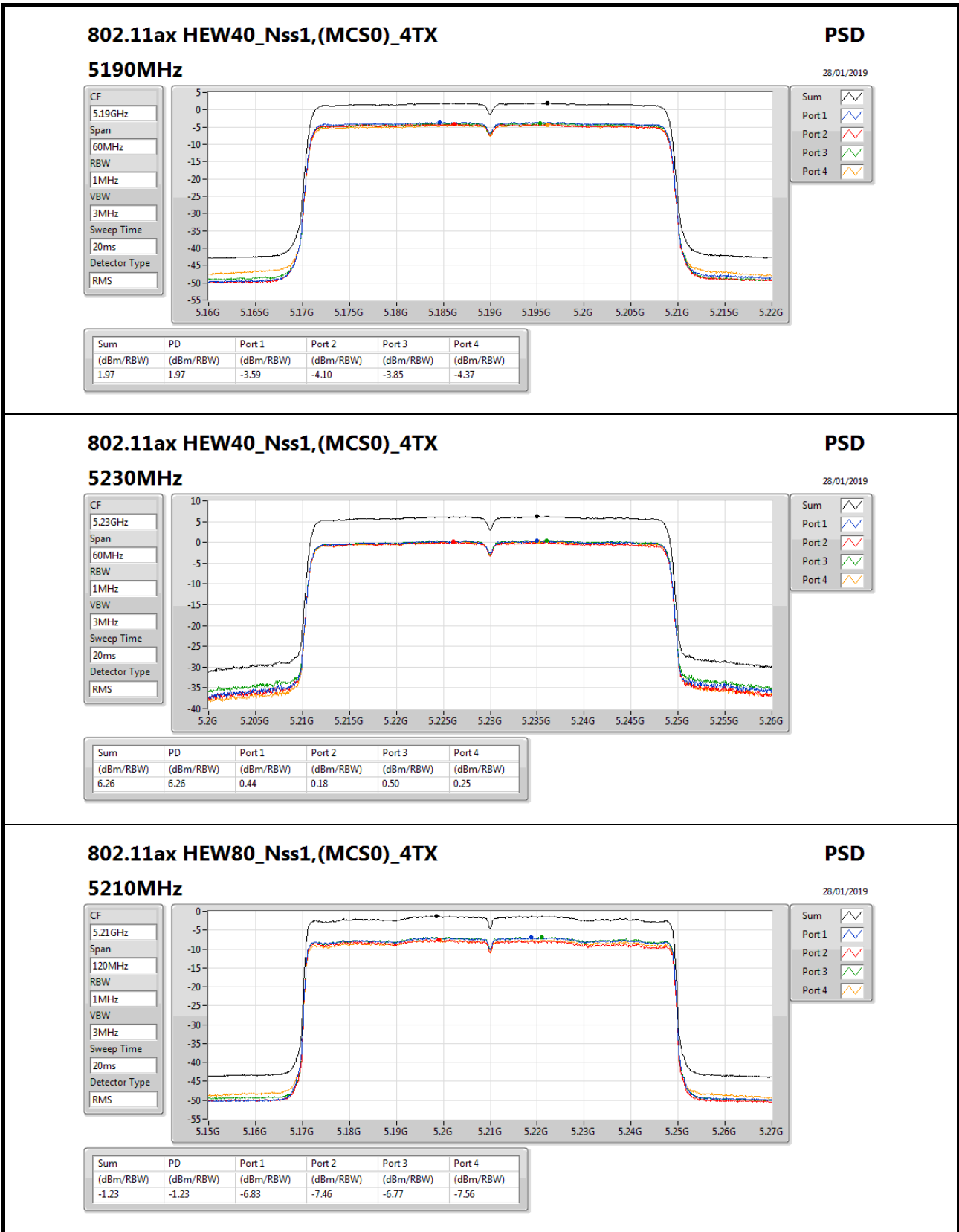
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	12.02	1.23	0.50	0.83	0.58	6.68	10.98
5200MHz	Pass	12.02	4.89	5.11	5.09	4.43	10.78	10.98
5240MHz	Pass	12.02	5.29	4.90	5.21	4.61	10.92	10.98
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	12.02	1.35	1.29	1.33	0.78	7.15	10.98
5200MHz	Pass	12.02	4.97	4.97	5.18	4.83	10.90	10.98
5240MHz	Pass	12.02	5.02	4.67	5.32	4.70	10.87	10.98
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	12.02	-3.59	-4.10	-3.85	-4.37	1.97	10.98
5230MHz	Pass	12.02	0.44	0.18	0.50	0.25	6.26	10.98
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	12.02	-6.83	-7.46	-6.77	-7.56	-1.23	10.98

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

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







### 802.11ax HEW80\_Nss1,(MCS0)\_4TX

#### 5210MHz

### PSD

28/01/2019

CF  
5.21GHz

Span  
120MHz

RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



Sum 

Port 1 

Port 2 

Port 3 

Port 4 



**For Beamforming / 4T1S mode  
Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	7.86
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	4.79
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	0.06

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



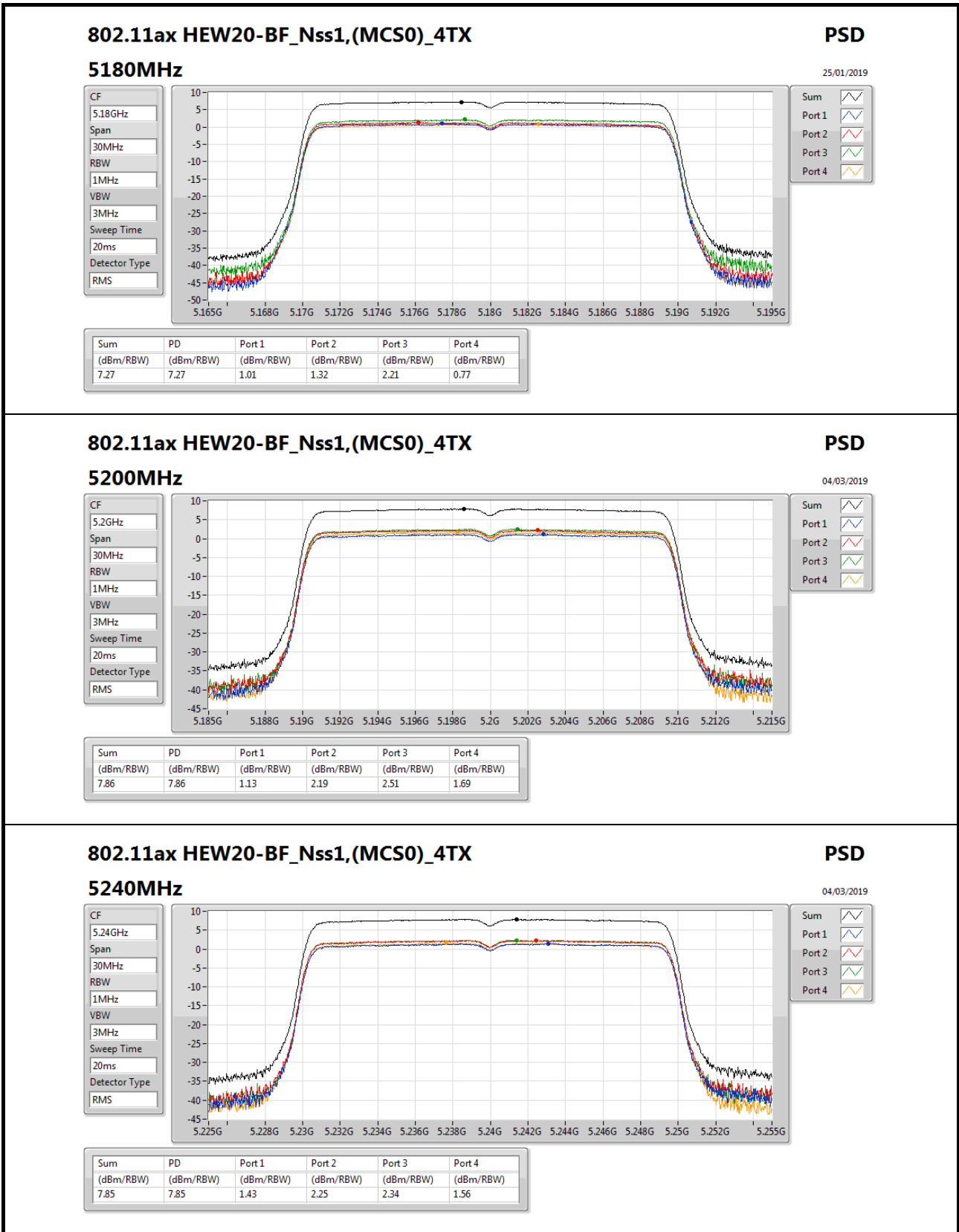
**PSD Result\_Radio 1**

**Result**

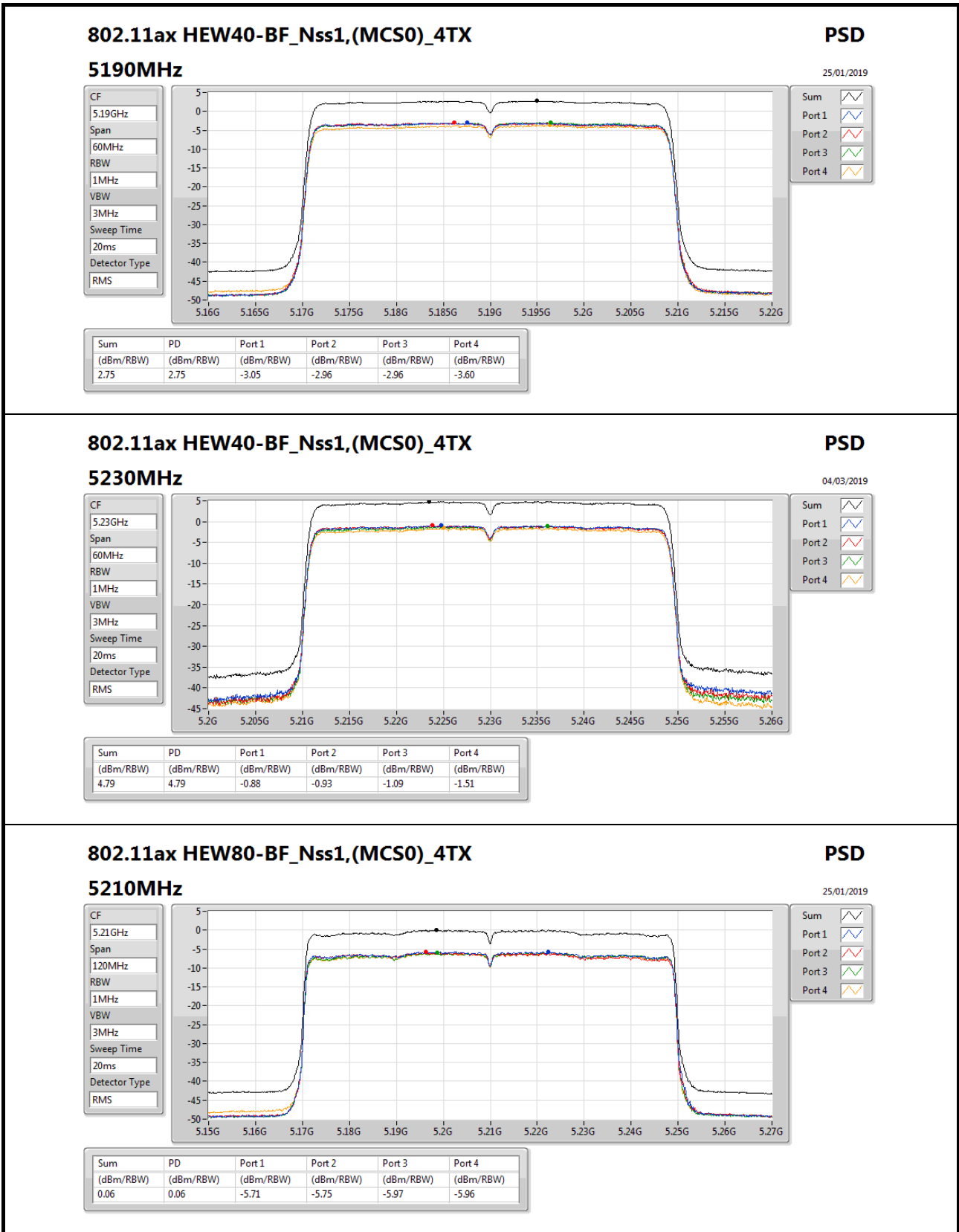
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	12.02	1.01	1.32	2.21	0.77	7.27	10.98
5200MHz	Pass	12.02	1.13	2.19	2.51	1.69	7.86	10.98
5240MHz	Pass	12.02	1.43	2.25	2.34	1.56	7.85	10.98
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	12.02	-3.05	-2.96	-2.96	-3.60	2.75	10.98
5230MHz	Pass	12.02	-0.88	-0.93	-1.09	-1.51	4.79	10.98
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	12.02	-5.71	-5.75	-5.97	-5.96	0.06	10.98

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

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









**For Non-beamforming / 4T4S mode  
Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20_Nss4,(MCS0)_4TX	13.07
802.11ax HEW40_Nss4,(MCS0)_4TX	5.68
802.11ax HEW80_Nss4,(MCS0)_4TX	-3.48

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



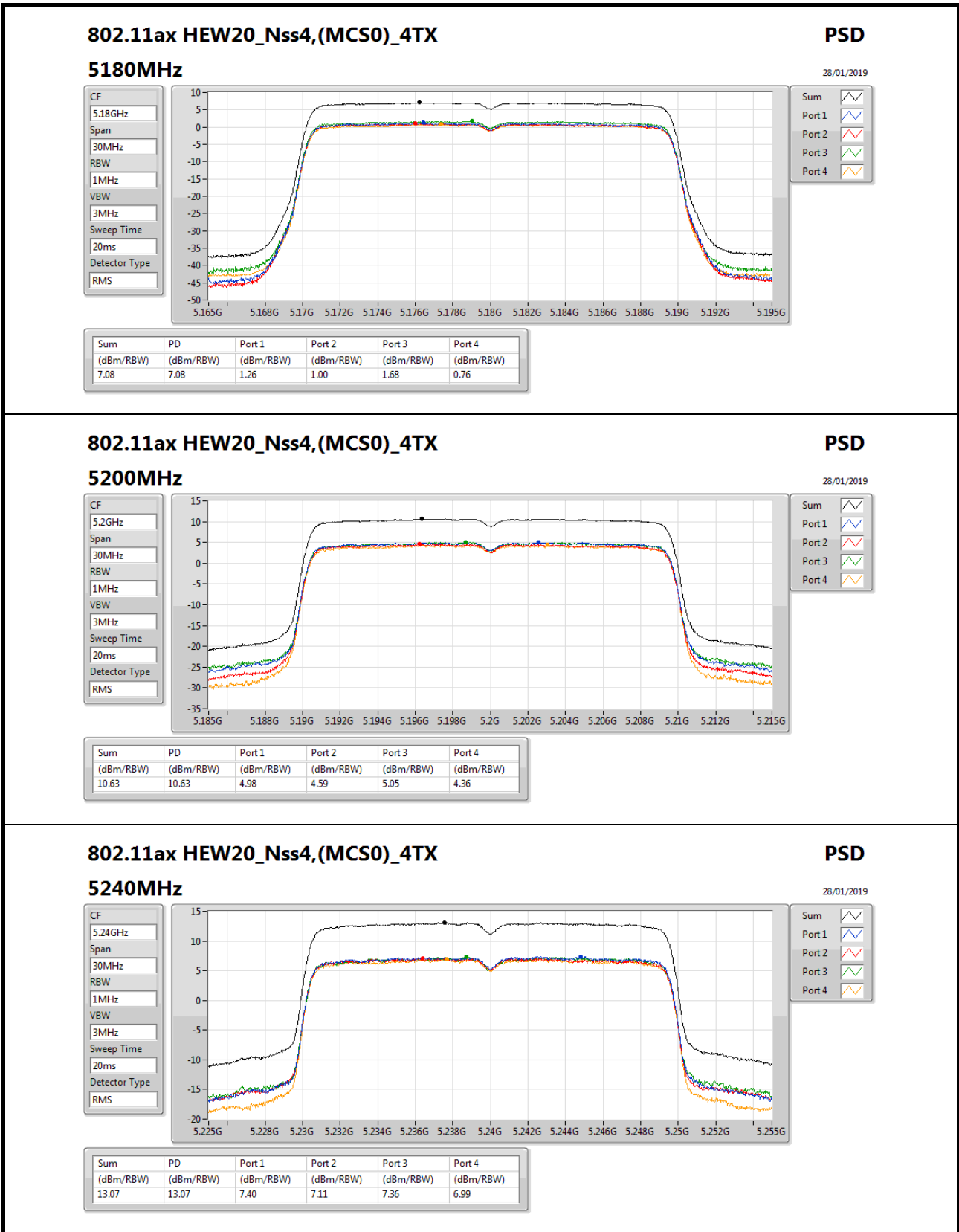
**PSD Result\_Radio 1**

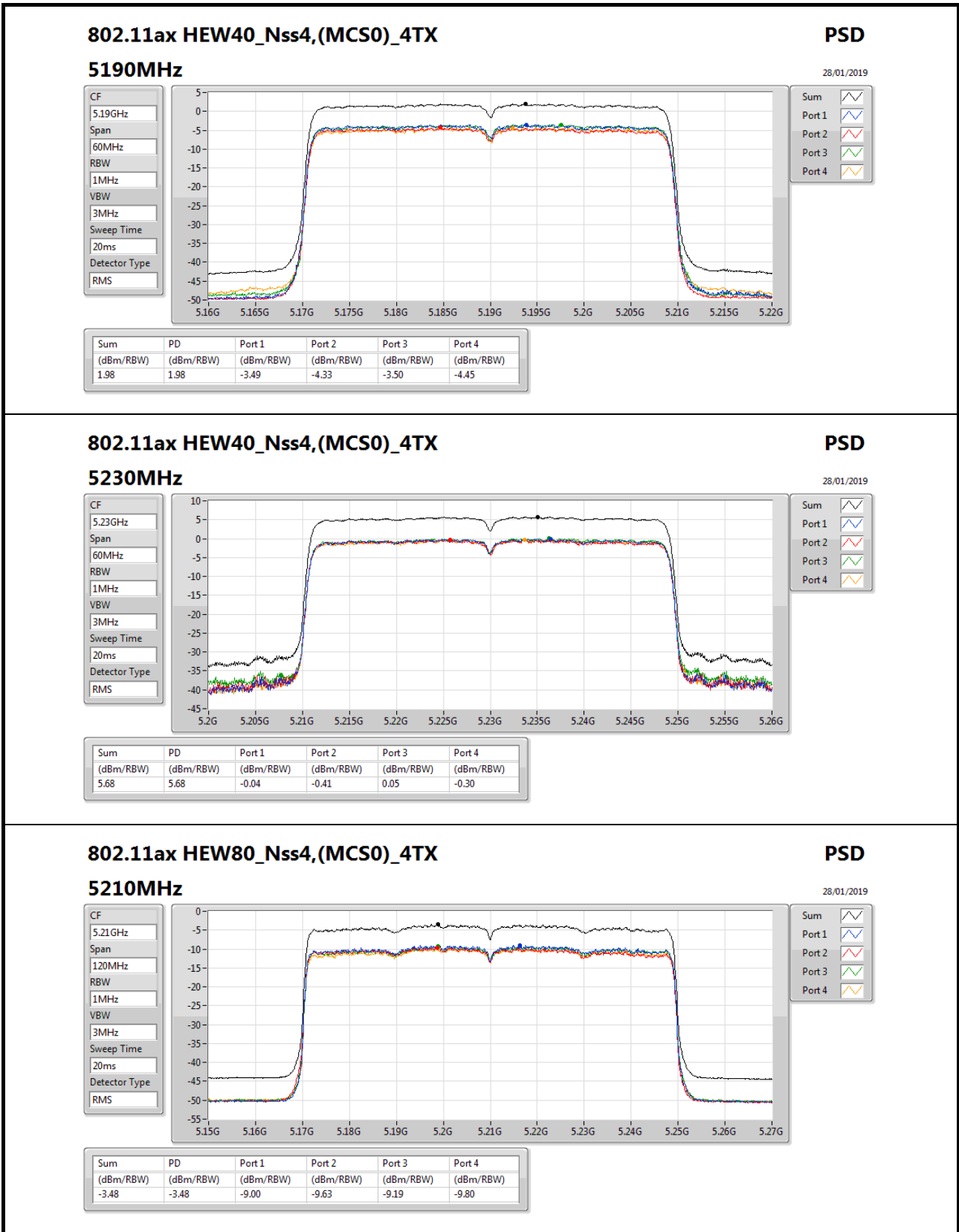
**Result**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.00	1.26	1.00	1.68	0.76	7.08	17.00
5200MHz	Pass	6.00	4.98	4.59	5.05	4.36	10.63	17.00
5240MHz	Pass	6.00	7.40	7.11	7.36	6.99	13.07	17.00
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	6.00	-3.49	-4.33	-3.50	-4.45	1.98	17.00
5230MHz	Pass	6.00	-0.04	-0.41	0.05	-0.30	5.68	17.00
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	6.00	-9.00	-9.63	-9.19	-9.80	-3.48	17.00

**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 Xpower density;







**PSD Result\_Radio 1**

**Mode 3: (Ant. 11 Panel antenna / 8.7 dBi)  
For Non-beamforming / 1T1S mode  
Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_1TX	-0.03
802.11ax HEW20_Nss1,(MCS0)_1TX	-0.78
802.11ax HEW40_Nss1,(MCS0)_1TX	-3.20
802.11ax HEW80_Nss1,(MCS0)_1TX	-6.11

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

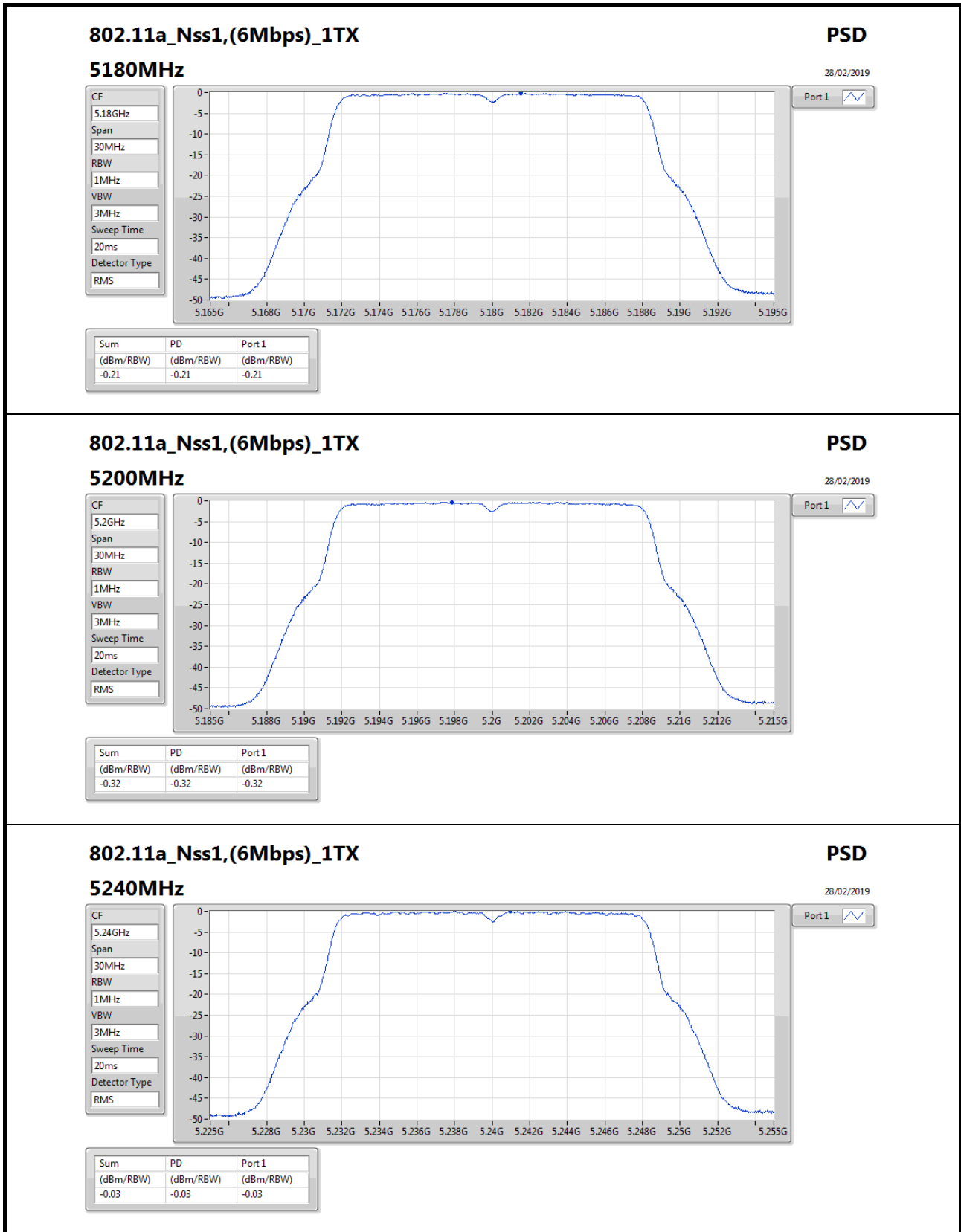


**PSD Result\_Radio 1**

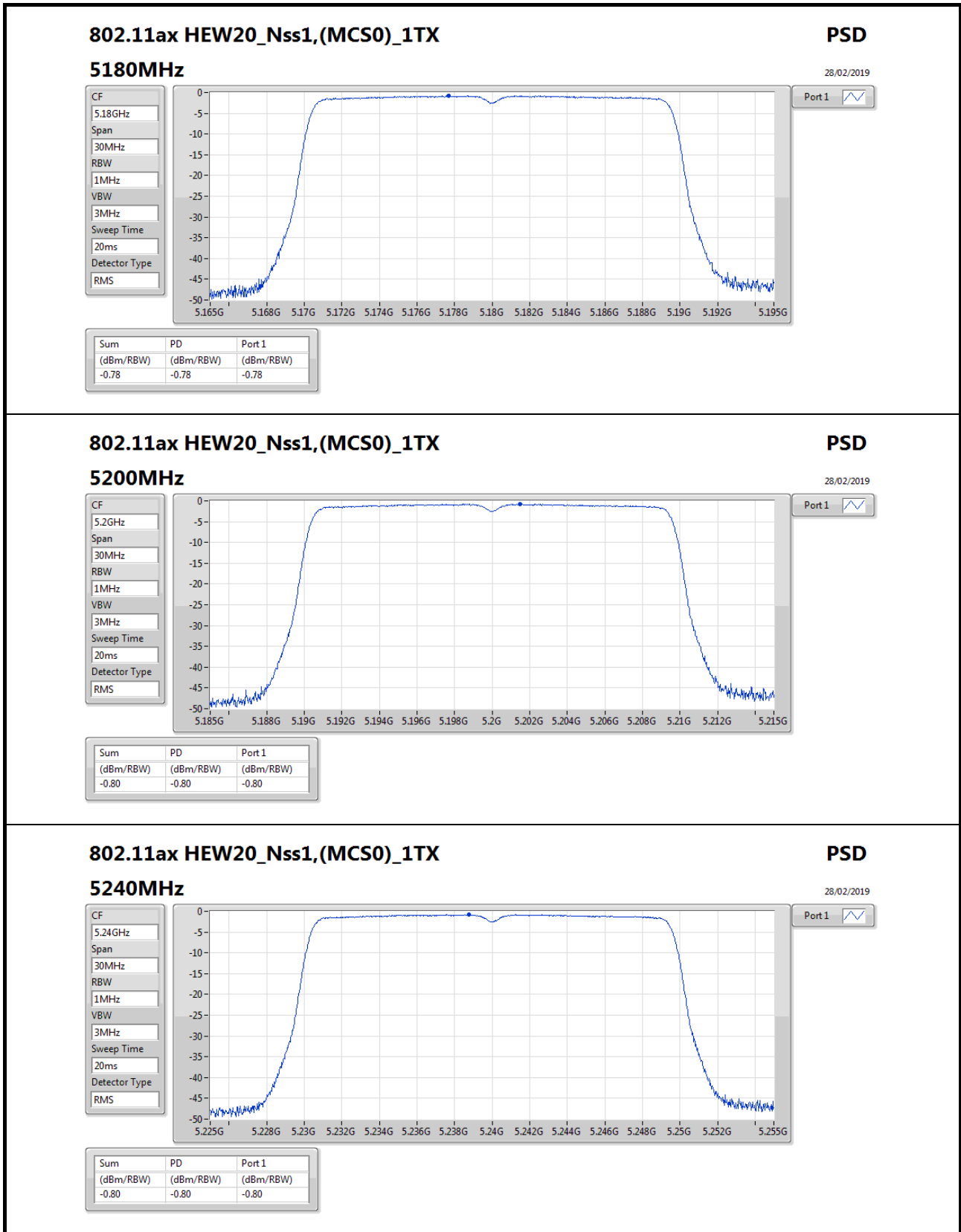
**Result**

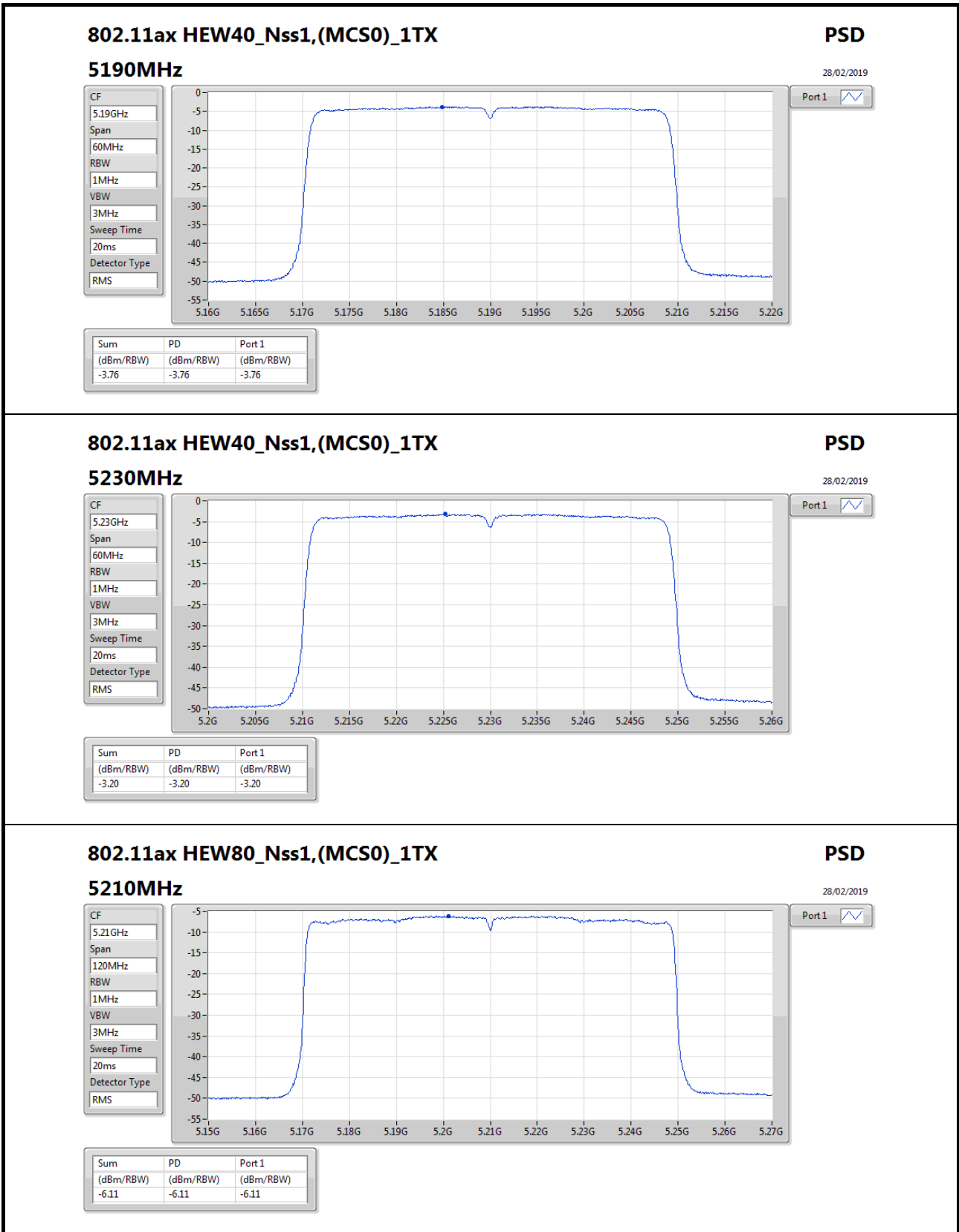
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	8.70	-0.21	-0.21	14.30
5200MHz	Pass	8.70	-0.32	-0.32	14.30
5240MHz	Pass	8.70	-0.03	-0.03	14.30
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	8.70	-0.78	-0.78	14.30
5200MHz	Pass	8.70	-0.80	-0.80	14.30
5240MHz	Pass	8.70	-0.80	-0.80	14.30
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	8.70	-3.76	-3.76	14.30
5230MHz	Pass	8.70	-3.20	-3.20	14.30
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	8.70	-6.11	-6.11	14.30

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











## PSD Result\_Radio 1

Appendix D.27

### For Non-beamforming / 2T2S mode Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20_Nss2,(MCS0)_2TX	-0.63
802.11ax HEW40_Nss2,(MCS0)_2TX	-3.47
802.11ax HEW80_Nss2,(MCS0)_2TX	-6.19

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



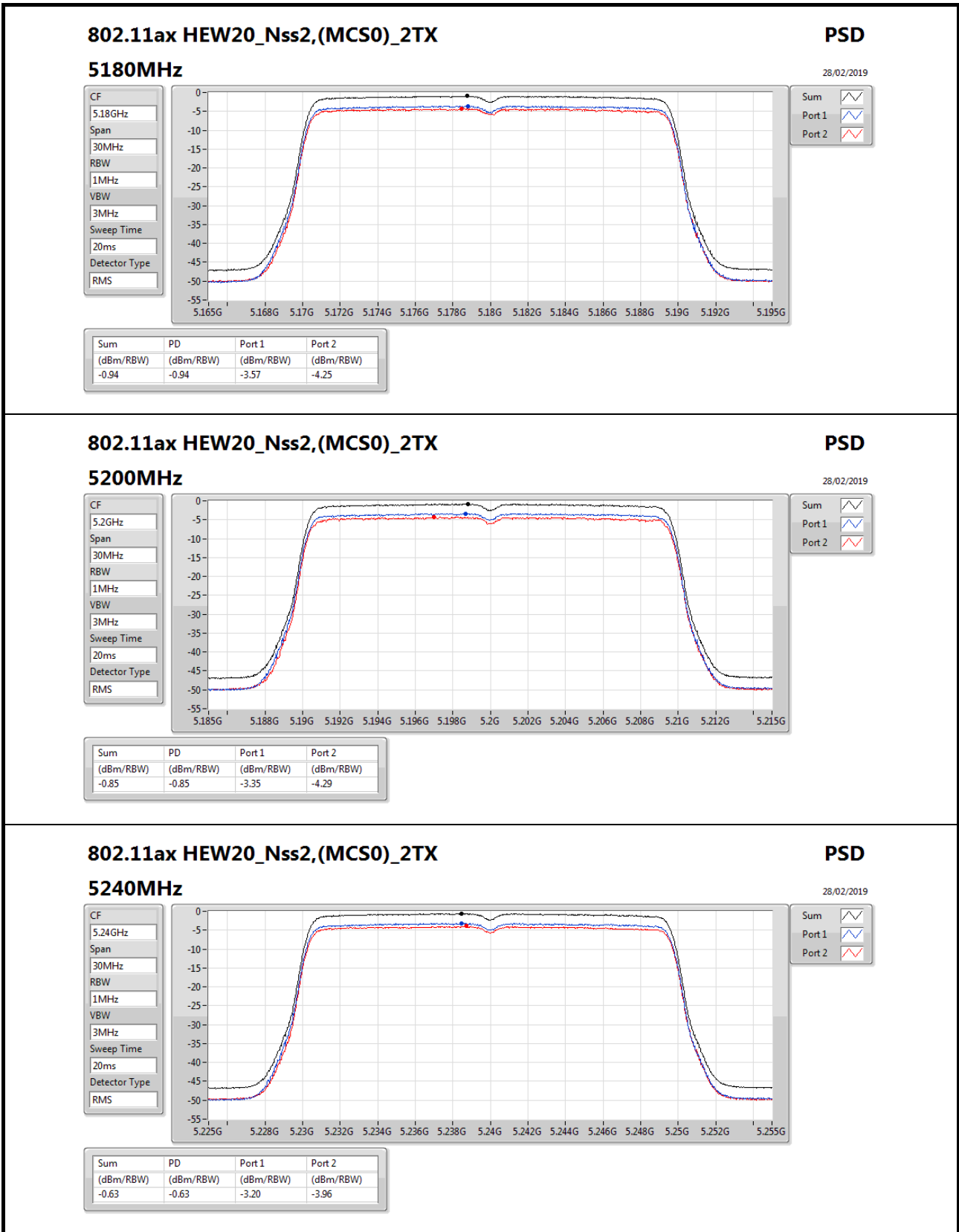
**PSD Result\_Radio 1**

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	8.70	-3.57	-4.25	-0.94	14.30
5200MHz	Pass	8.70	-3.35	-4.29	-0.85	14.30
5240MHz	Pass	8.70	-3.20	-3.96	-0.63	14.30
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	8.70	-6.04	-6.77	-3.47	14.30
5230MHz	Pass	8.70	-6.32	-6.75	-3.58	14.30
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	8.70	-8.81	-9.58	-6.19	14.30

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

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



### 802.11ax HEW20\_Nss2,(MCS0)\_2TX

#### 5240MHz

### PSD

28/02/2019

CF  
5.24GHz

Span  
30MHz

RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS

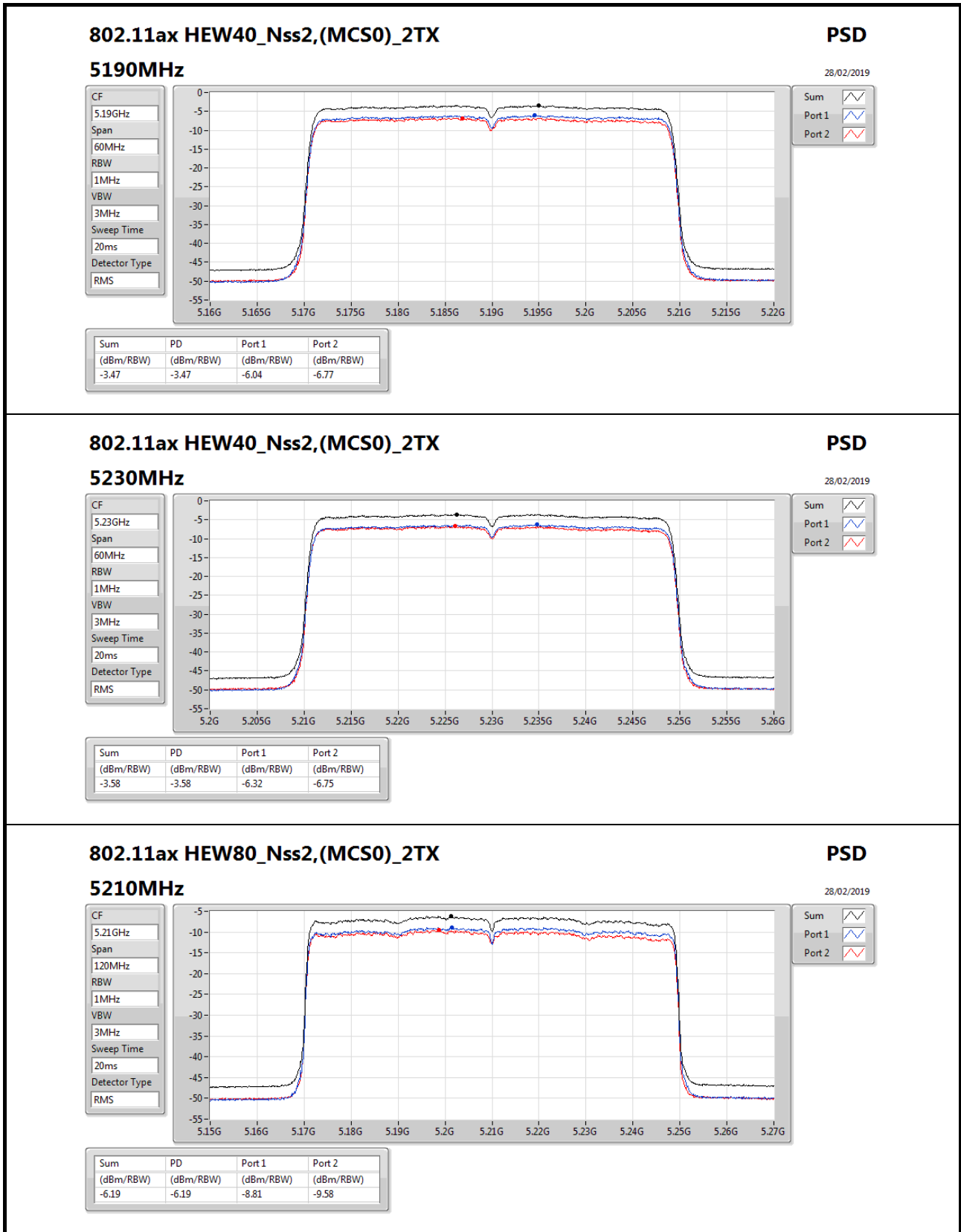


Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.63	-0.63	-3.20	-3.96



### 802.11ax HEW80\_Nss2,(MCS0)\_2TX

#### 5210MHz

### PSD

28/02/2019

CF  
5.21GHz

Span  
120MHz

RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



Sum

Port 1

Port 2



**For Non-beamforming / 4T1S mode  
Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	-0.31
802.11ax HEW20_Nss1,(MCS0)_4TX	-0.48
802.11ax HEW40_Nss1,(MCS0)_4TX	-3.13
802.11ax HEW80_Nss1,(MCS0)_4TX	-6.03

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



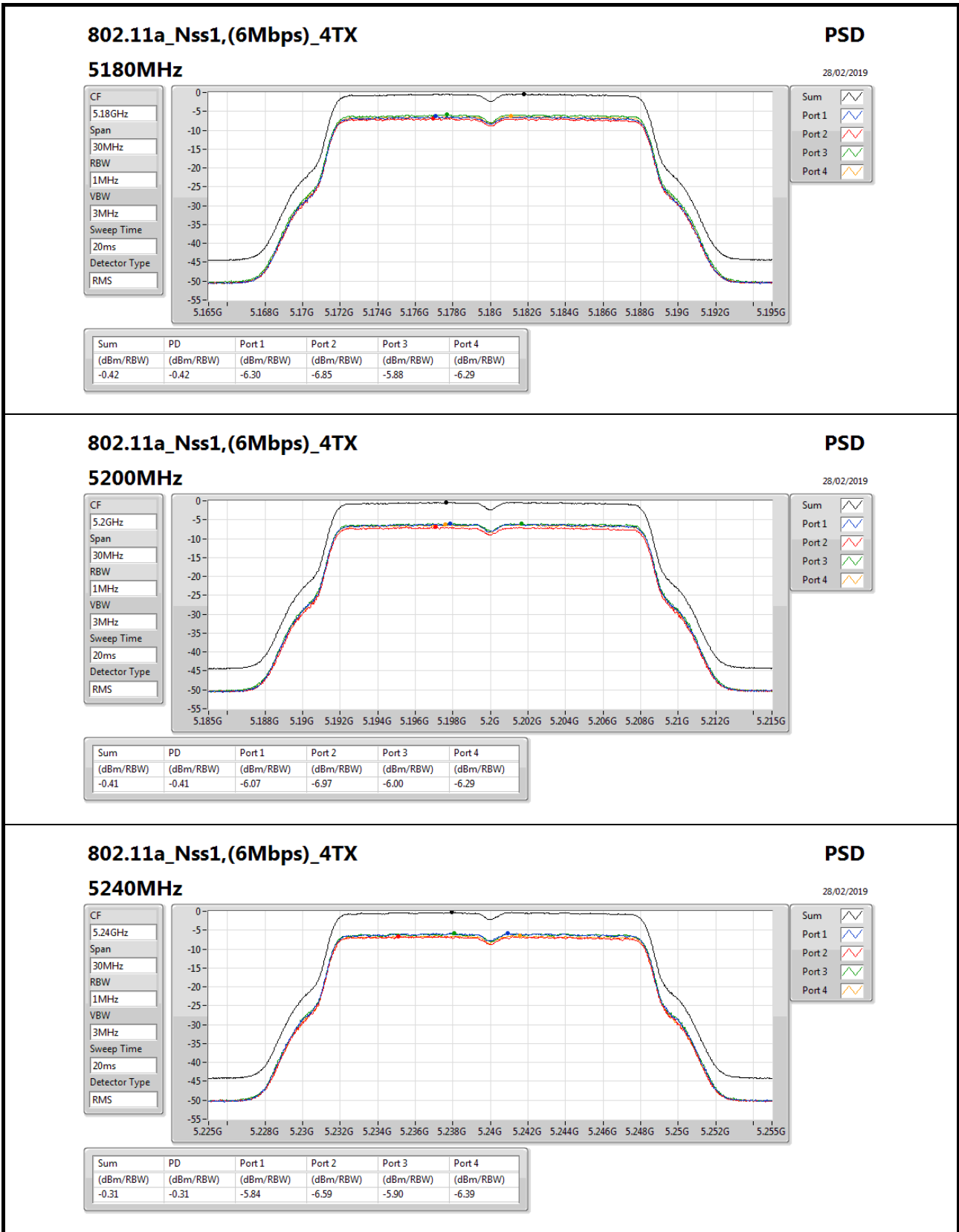
**PSD Result\_Radio 1**

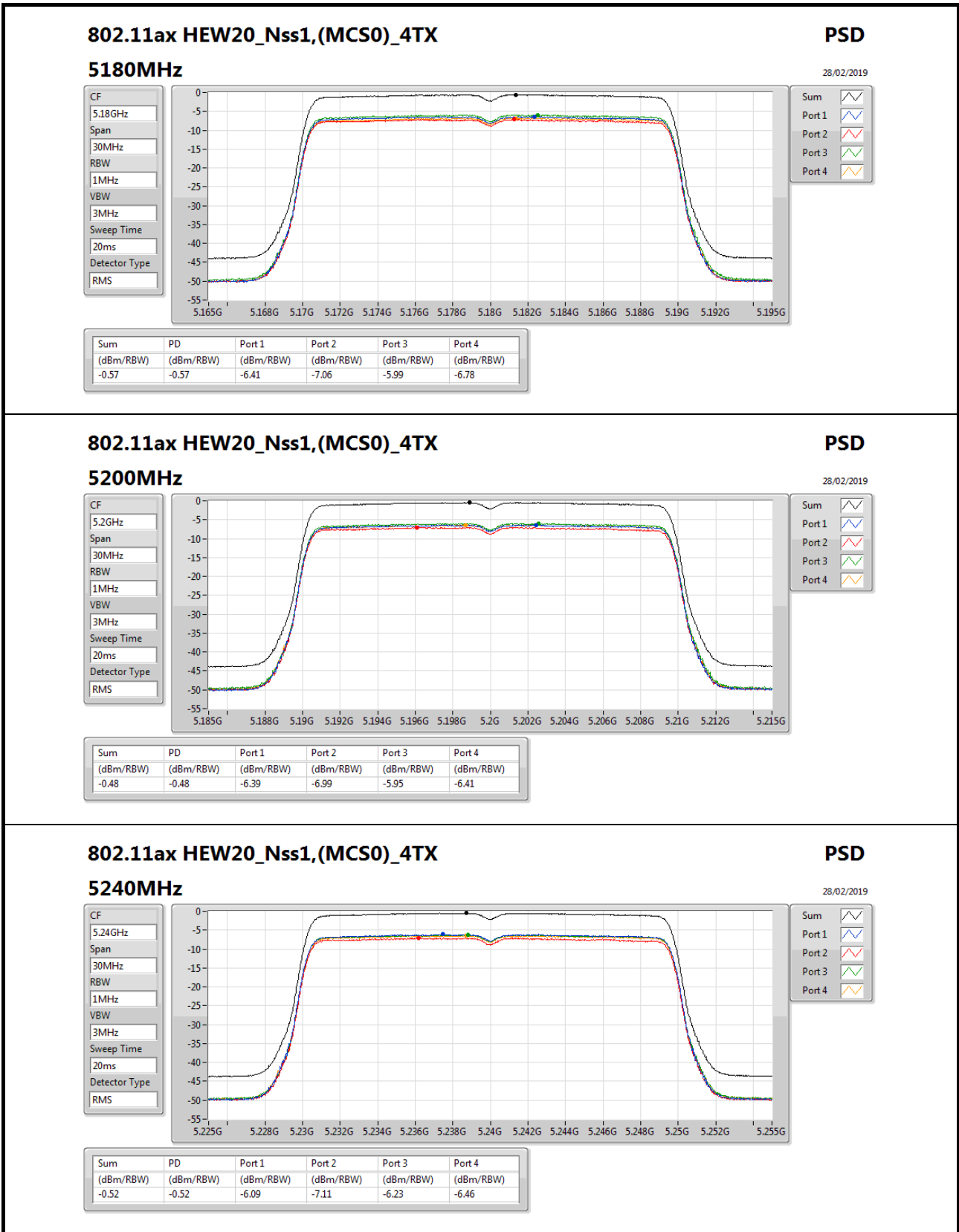
**Result**

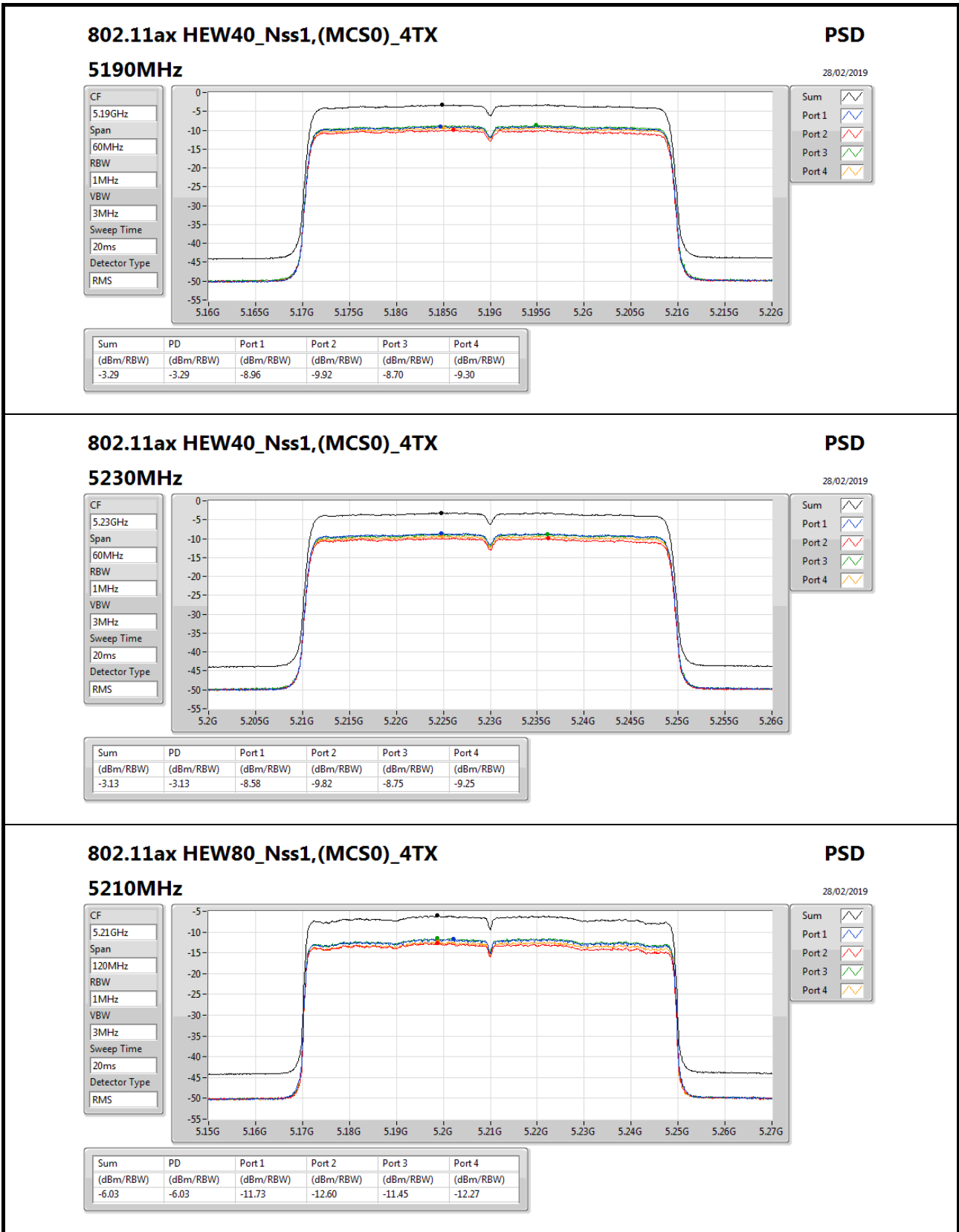
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	14.72	-6.30	-6.85	-5.88	-6.29	-0.42	8.28
5200MHz	Pass	14.72	-6.07	-6.97	-6.00	-6.29	-0.41	8.28
5240MHz	Pass	14.72	-5.84	-6.59	-5.90	-6.39	-0.31	8.28
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	14.72	-6.41	-7.06	-5.99	-6.78	-0.57	8.28
5200MHz	Pass	14.72	-6.39	-6.99	-5.95	-6.41	-0.48	8.28
5240MHz	Pass	14.72	-6.09	-7.11	-6.23	-6.46	-0.52	8.28
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	14.72	-8.96	-9.92	-8.70	-9.30	-3.29	8.28
5230MHz	Pass	14.72	-8.58	-9.82	-8.75	-9.25	-3.13	8.28
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	14.72	-11.73	-12.60	-11.45	-12.27	-6.03	8.28

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











**For Beamforming / 4T1S mode  
Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-6.61
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-9.24
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-12.09

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



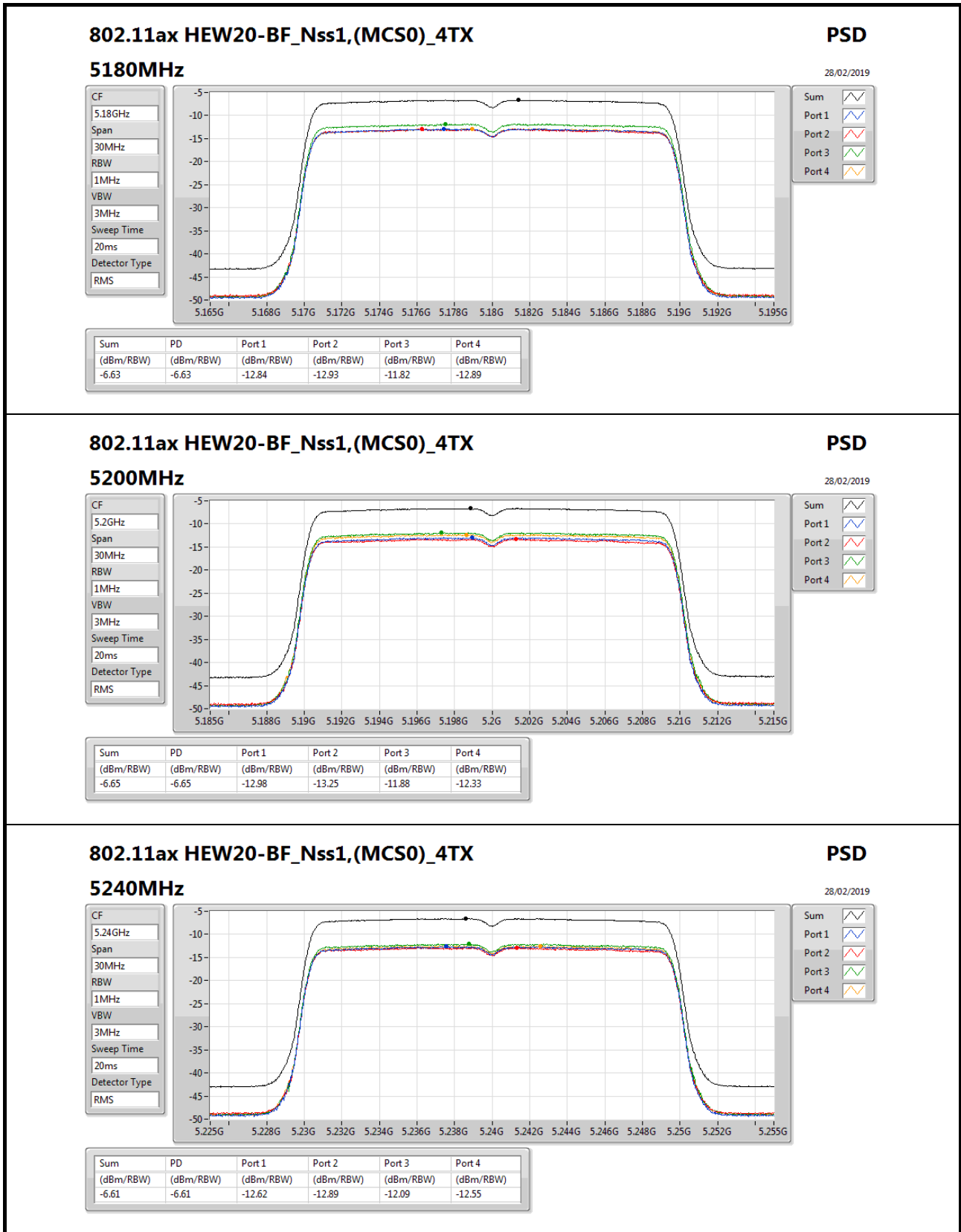
**PSD Result\_Radio 1**

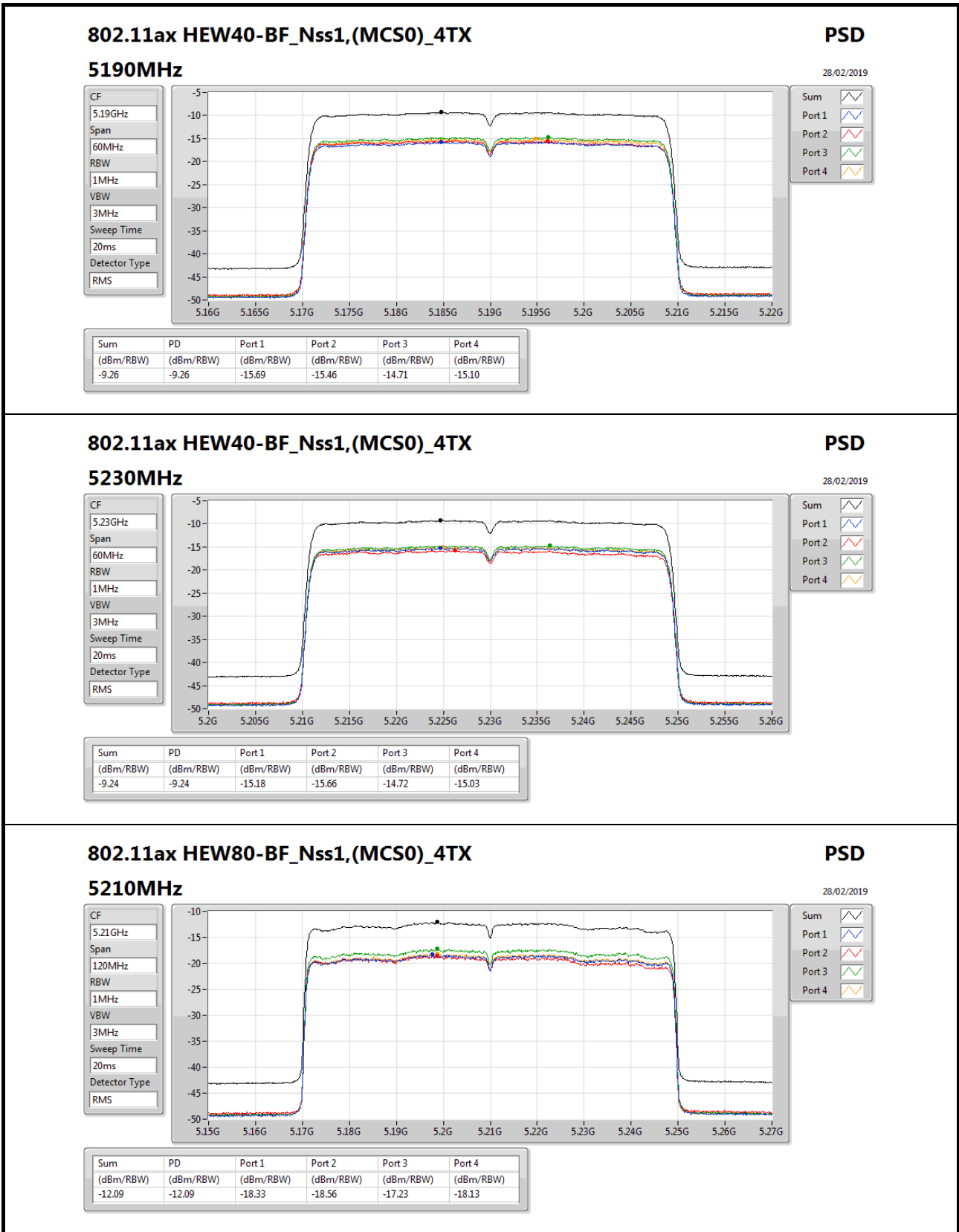
**Result**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	14.72	-12.84	-12.93	-11.82	-12.89	-6.63	8.28
5200MHz	Pass	14.72	-12.98	-13.25	-11.88	-12.33	-6.65	8.28
5240MHz	Pass	14.72	-12.62	-12.89	-12.09	-12.55	-6.61	8.28
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	14.72	-15.69	-15.46	-14.71	-15.10	-9.26	8.28
5230MHz	Pass	14.72	-15.18	-15.66	-14.72	-15.03	-9.24	8.28
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	14.72	-18.33	-18.56	-17.23	-18.13	-12.09	8.28

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

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







**For Non-beamforming / 4T4S mode  
Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20_Nss4,(MCS0)_4TX	-0.16
802.11ax HEW40_Nss4,(MCS0)_4TX	-2.95
802.11ax HEW80_Nss4,(MCS0)_4TX	-5.97

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





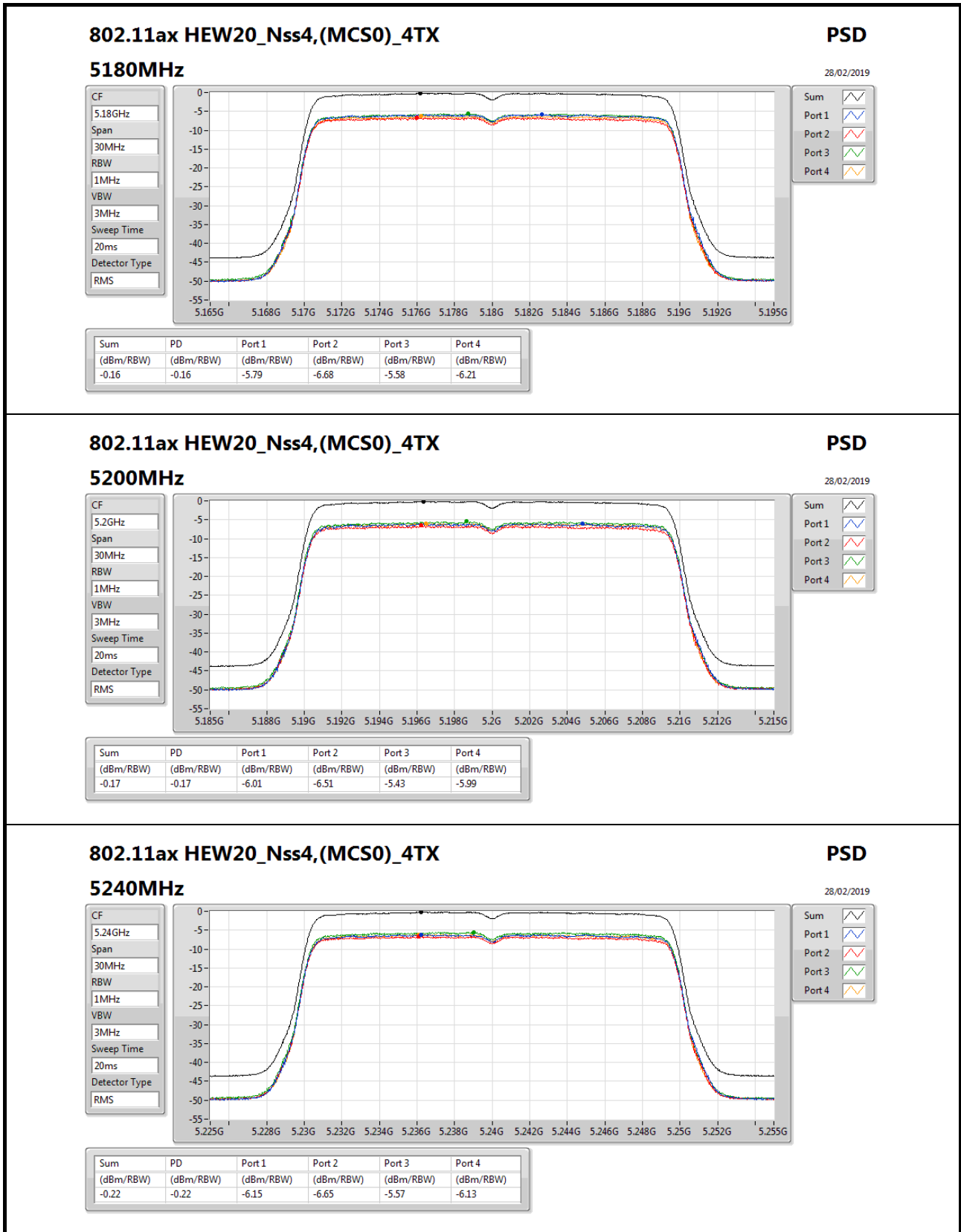
**PSD Result\_Radio 1**

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.70	-5.79	-6.68	-5.58	-6.21	-0.16	14.30
5200MHz	Pass	8.70	-6.01	-6.51	-5.43	-5.99	-0.17	14.30
5240MHz	Pass	8.70	-6.15	-6.65	-5.57	-6.13	-0.22	14.30
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.70	-8.77	-9.21	-8.49	-8.90	-2.95	14.30
5230MHz	Pass	8.70	-8.31	-9.47	-8.43	-9.22	-2.99	14.30
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.70	-11.78	-12.19	-11.73	-11.95	-5.97	14.30

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

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



### 802.11ax HEW20\_Nss4,(MCS0)\_4TX

#### 5240MHz

### PSD

28/02/2019

CF  
5.24GHz

Span  
30MHz

RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



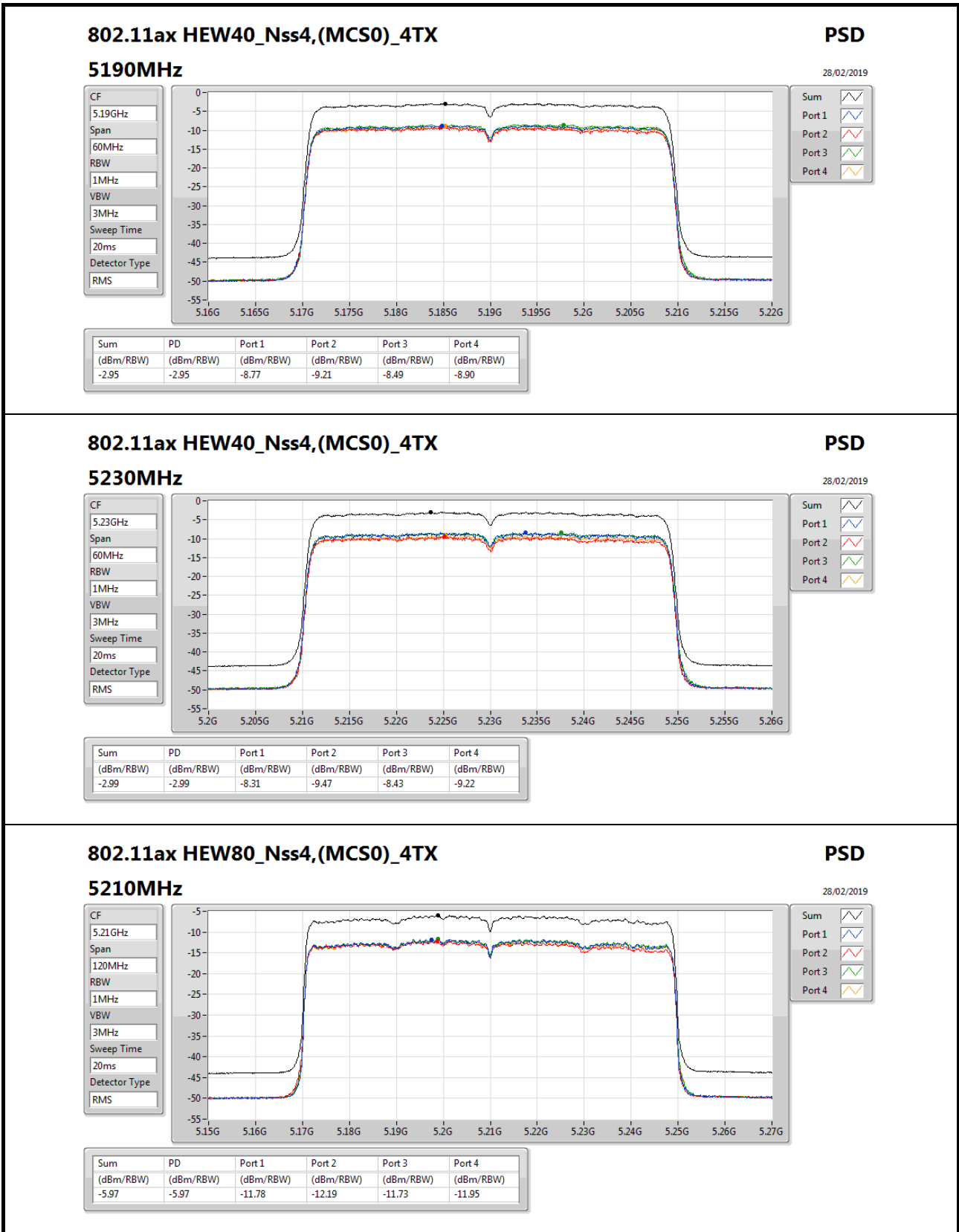
Sum 

Port 1 

Port 2 

Port 3 

Port 4 



### 802.11ax HEW80\_Nss4,(MCS0)\_4TX

#### 5210MHz

**PSD**

28/02/2019

CF  
5.21GHz

Span  
120MHz

RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



Sum

Port 1

Port 2

Port 3

Port 4



**For Radio 2:**  
**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 4:**  
**Mode 1: (Ant. 5 Panel antenna / 3 dBi)**  
**For Non-beamforming / 1T1S mode**  
**Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_1TX	7.78
802.11ax HEW20_Nss1,(MCS0)_1TX	7.95
802.11ax HEW40_Nss1,(MCS0)_1TX	4.09
802.11ax HEW80_Nss1,(MCS0)_1TX	-2.80
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	7.69
802.11ax HEW20_Nss1,(MCS0)_1TX	8.13
802.11ax HEW40_Nss1,(MCS0)_1TX	4.75
802.11ax HEW80_Nss1,(MCS0)_1TX	-0.91

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

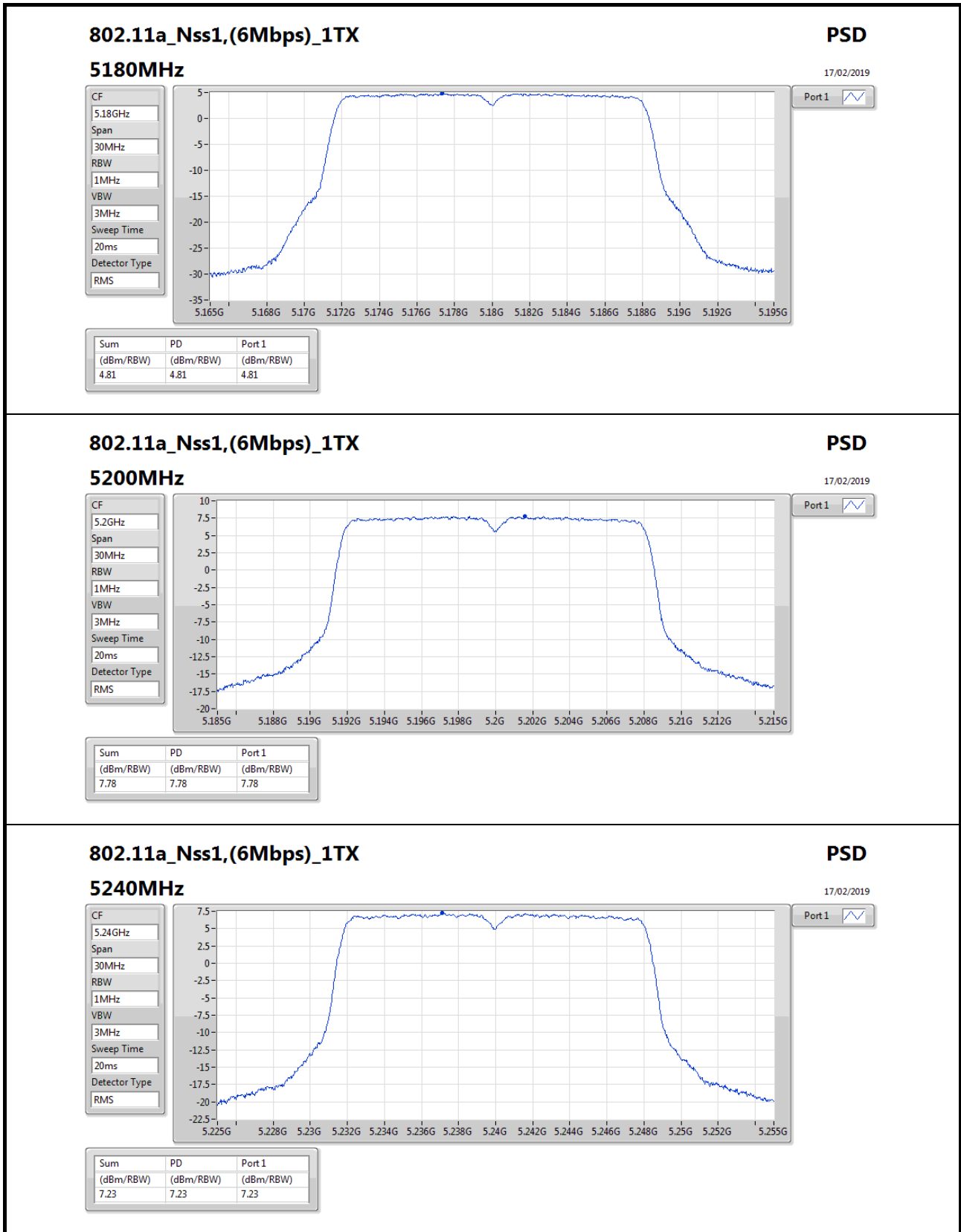


**PSD Result\_Radio 2**

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	3.00	4.81	4.81	17.00
5200MHz	Pass	3.00	7.78	7.78	17.00
5240MHz	Pass	3.00	7.23	7.23	17.00
5745MHz	Pass	3.00	7.09	7.09	30.00
5785MHz	Pass	3.00	7.65	7.65	30.00
5825MHz	Pass	3.00	7.69	7.69	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	3.00	3.44	3.44	17.00
5200MHz	Pass	3.00	7.95	7.95	17.00
5240MHz	Pass	3.00	6.84	6.84	17.00
5745MHz	Pass	3.00	7.52	7.52	30.00
5785MHz	Pass	3.00	8.12	8.12	30.00
5825MHz	Pass	3.00	8.13	8.13	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	3.00	-0.11	-0.11	17.00
5230MHz	Pass	3.00	4.09	4.09	17.00
5755MHz	Pass	3.00	4.47	4.47	30.00
5795MHz	Pass	3.00	4.75	4.75	30.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	3.00	-2.80	-2.80	17.00
5775MHz	Pass	3.00	-0.91	-0.91	30.00

**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 Xpower density;



### 802.11a\_Nss1,(6Mbps)\_1TX

#### 5240MHz

PSD

17/02/2019

CF

5.24GHz

Span

30MHz

RBW

1MHz

VBW

3MHz

Sweep Time

20ms

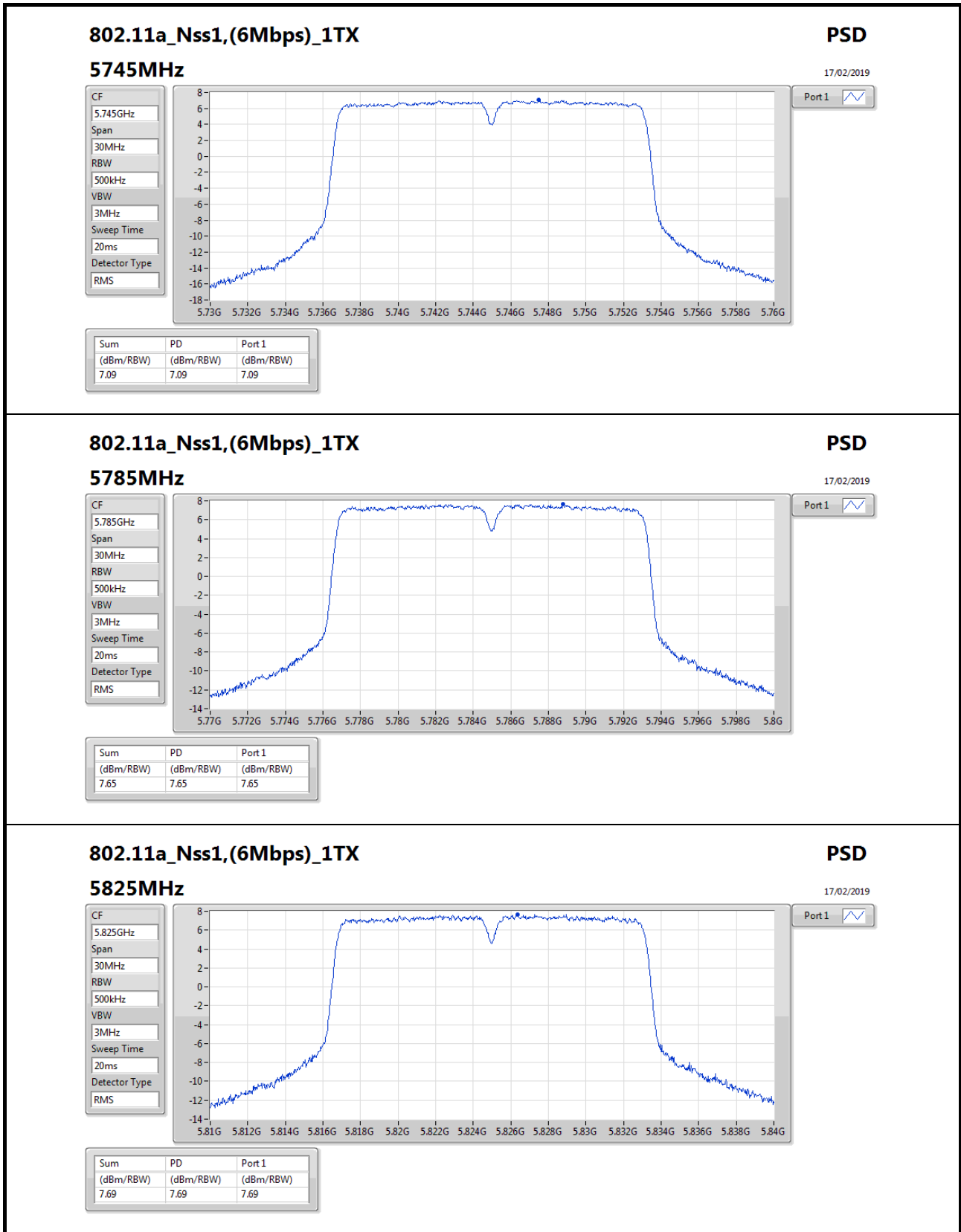
Detector Type

RMS



Port 1

Sum	PD	Port 1
(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)
7.23	7.23	7.23



### 802.11a\_Nss1,(6Mbps)\_1TX

#### 5825MHz

PSD

17/02/2019

CF

5.825GHz

Span

30MHz

RBW

500kHz

VBW

3MHz

Sweep Time

20ms

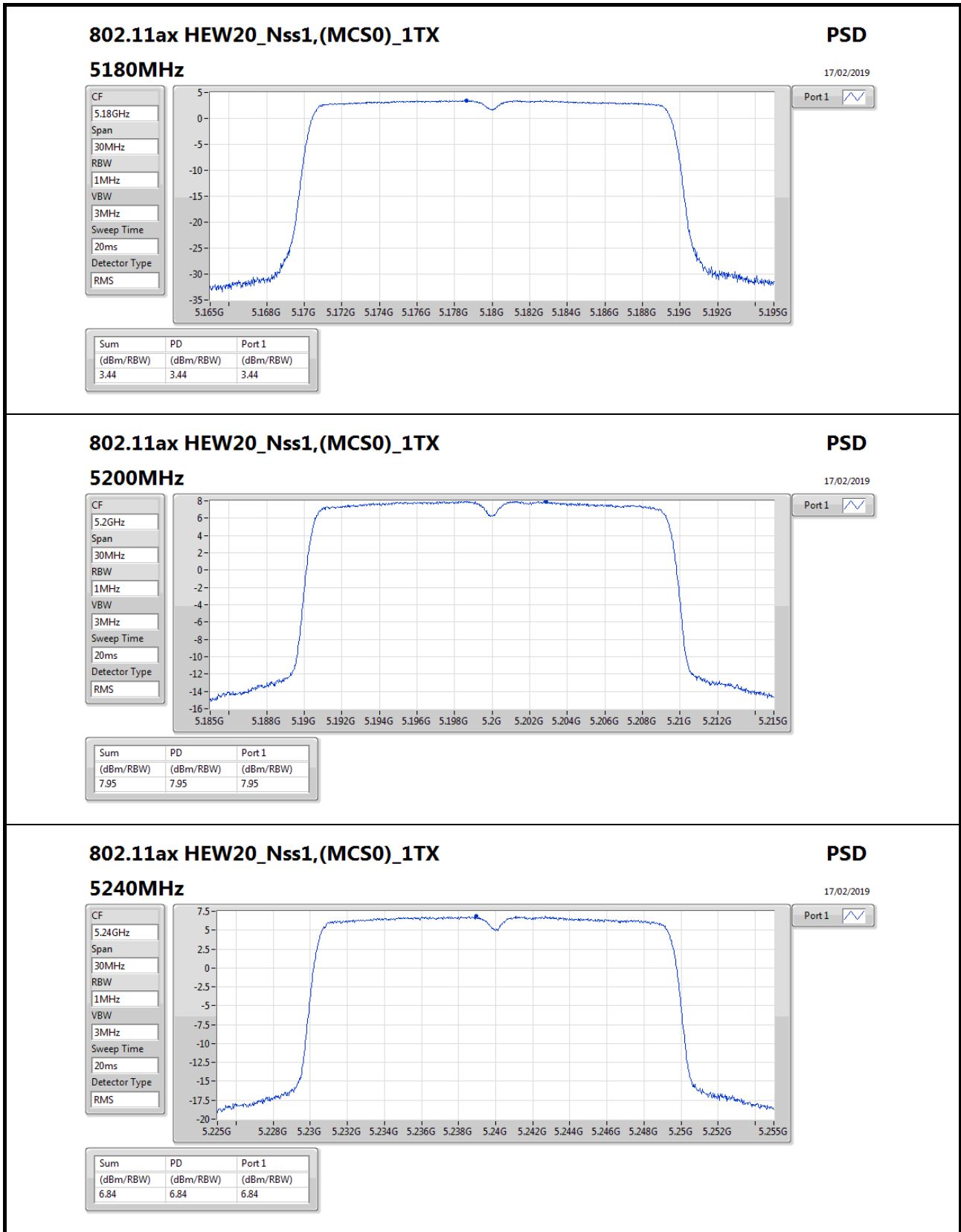
Detector Type

RMS

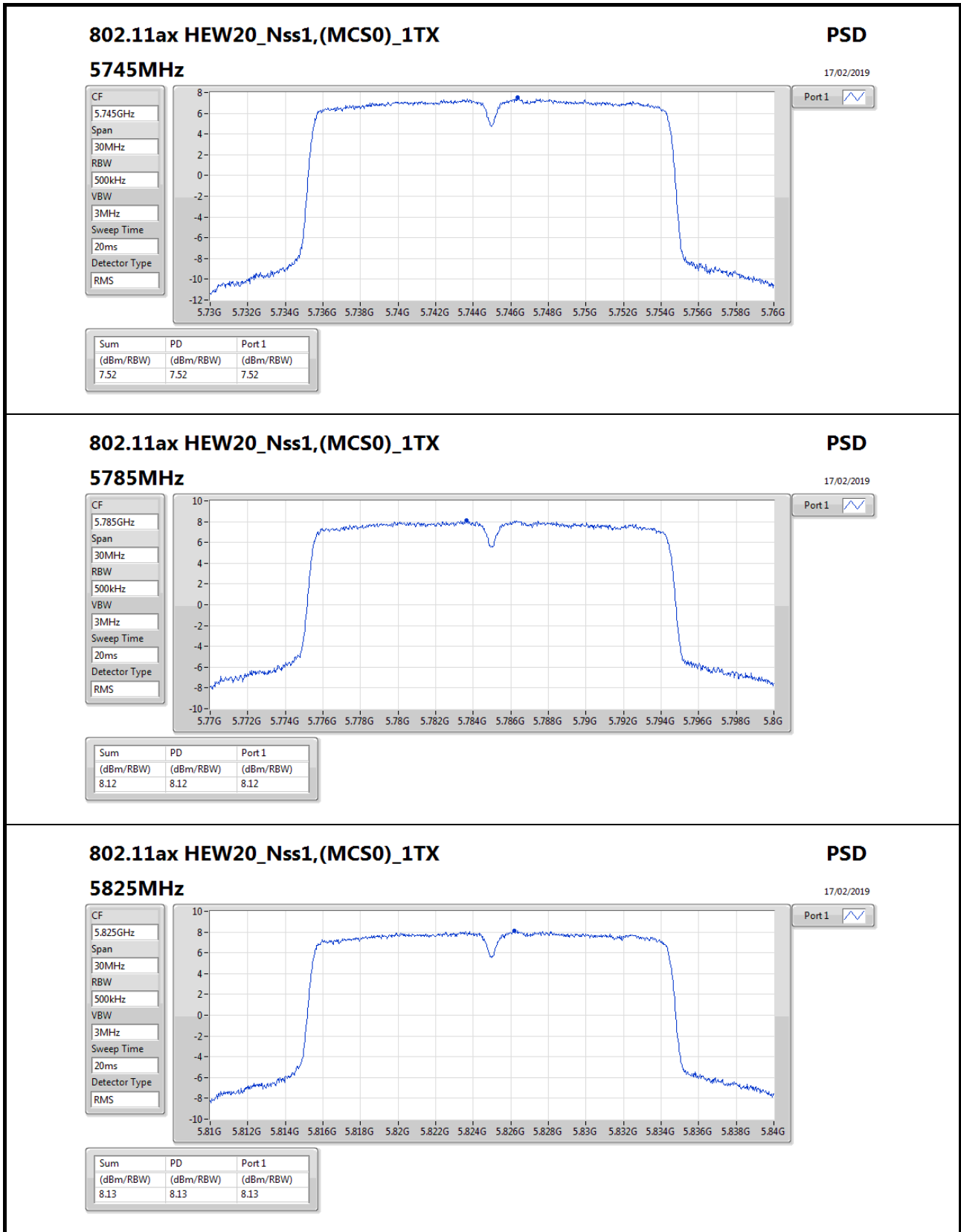


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.69	7.69	7.69







### 802.11ax HEW20\_Nss1,(MCS0)\_1TX

#### 5825MHz

PSD

17/02/2019

CF  
5.825GHz

Span  
30MHz

RBW  
500kHz

VBW  
3MHz

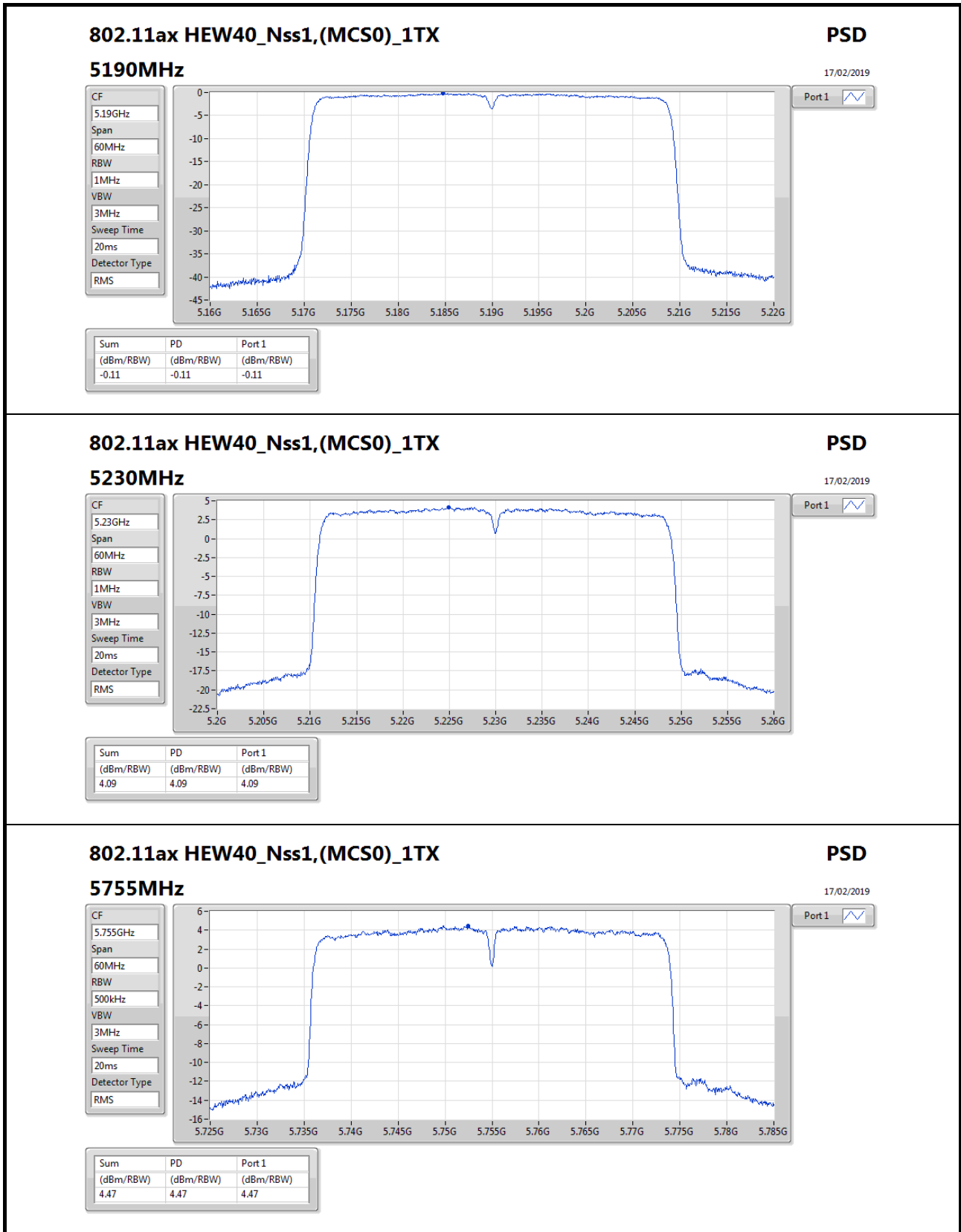
Sweep Time  
20ms

Detector Type  
RMS



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.13	8.13	8.13



### 802.11ax HEW40\_Nss1,(MCS0)\_1TX

#### 5755MHz

**PSD**  
17/02/2019

CF  
5.755GHz

Span  
60MHz

RBW  
500kHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



Port 1 

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



### 802.11ax HEW80\_Nss1,(MCS0)\_1TX

#### 5775MHz

PSD

01/02/2019

CF  
5.775GHz

Span  
120MHz

RBW  
500kHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.91	-0.91	-0.91



**For Non-beamforming / 2T2S mode  
Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20_Nss2,(MCS0)_2TX	10.12
802.11ax HEW40_Nss2,(MCS0)_2TX	5.51
802.11ax HEW80_Nss2,(MCS0)_2TX	-2.42
5.725-5.85GHz	-
802.11ax HEW20_Nss2,(MCS0)_2TX	10.66
802.11ax HEW40_Nss2,(MCS0)_2TX	7.56
802.11ax HEW80_Nss2,(MCS0)_2TX	0.06

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



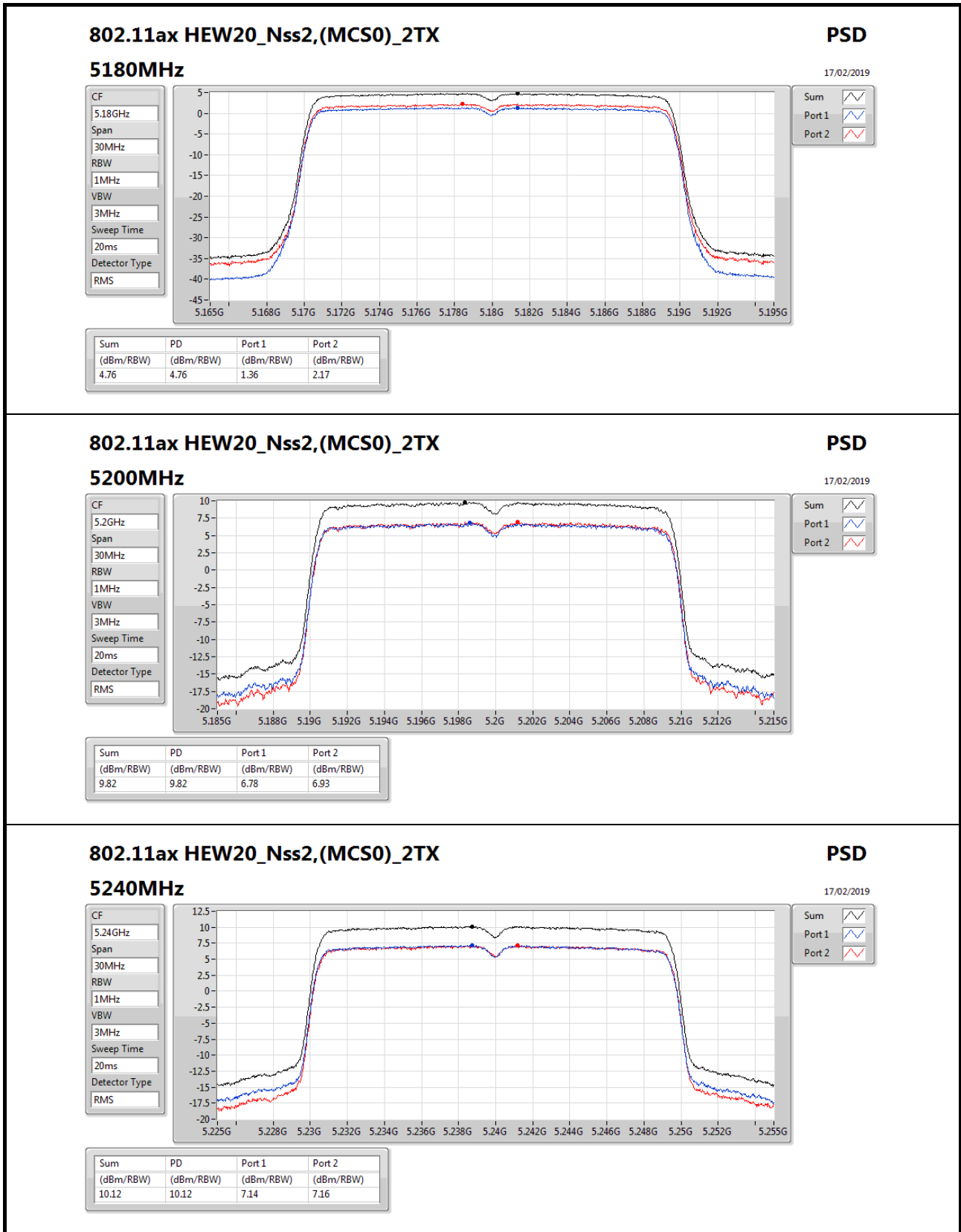
**PSD Result\_Radio 2**

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	3.00	1.36	2.17	4.76	17.00
5200MHz	Pass	3.00	6.78	6.93	9.82	17.00
5240MHz	Pass	3.00	7.14	7.16	10.12	17.00
5745MHz	Pass	3.00	7.29	6.80	9.99	30.00
5785MHz	Pass	3.00	7.96	7.44	10.66	30.00
5825MHz	Pass	3.00	7.84	7.48	10.61	30.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	3.00	-1.90	-2.14	0.95	17.00
5230MHz	Pass	3.00	2.86	2.19	5.51	17.00
5755MHz	Pass	3.00	2.71	2.90	5.79	30.00
5795MHz	Pass	3.00	5.17	4.38	7.56	30.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	3.00	-5.60	-5.18	-2.42	17.00
5775MHz	Pass	3.00	-2.47	-3.39	0.06	30.00

**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 Xpower density;



### 802.11ax HEW20\_Nss2,(MCS0)\_2TX

#### 5240MHz

**PSD**

17/02/2019

CF  
5.24GHz

Span  
30MHz

RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

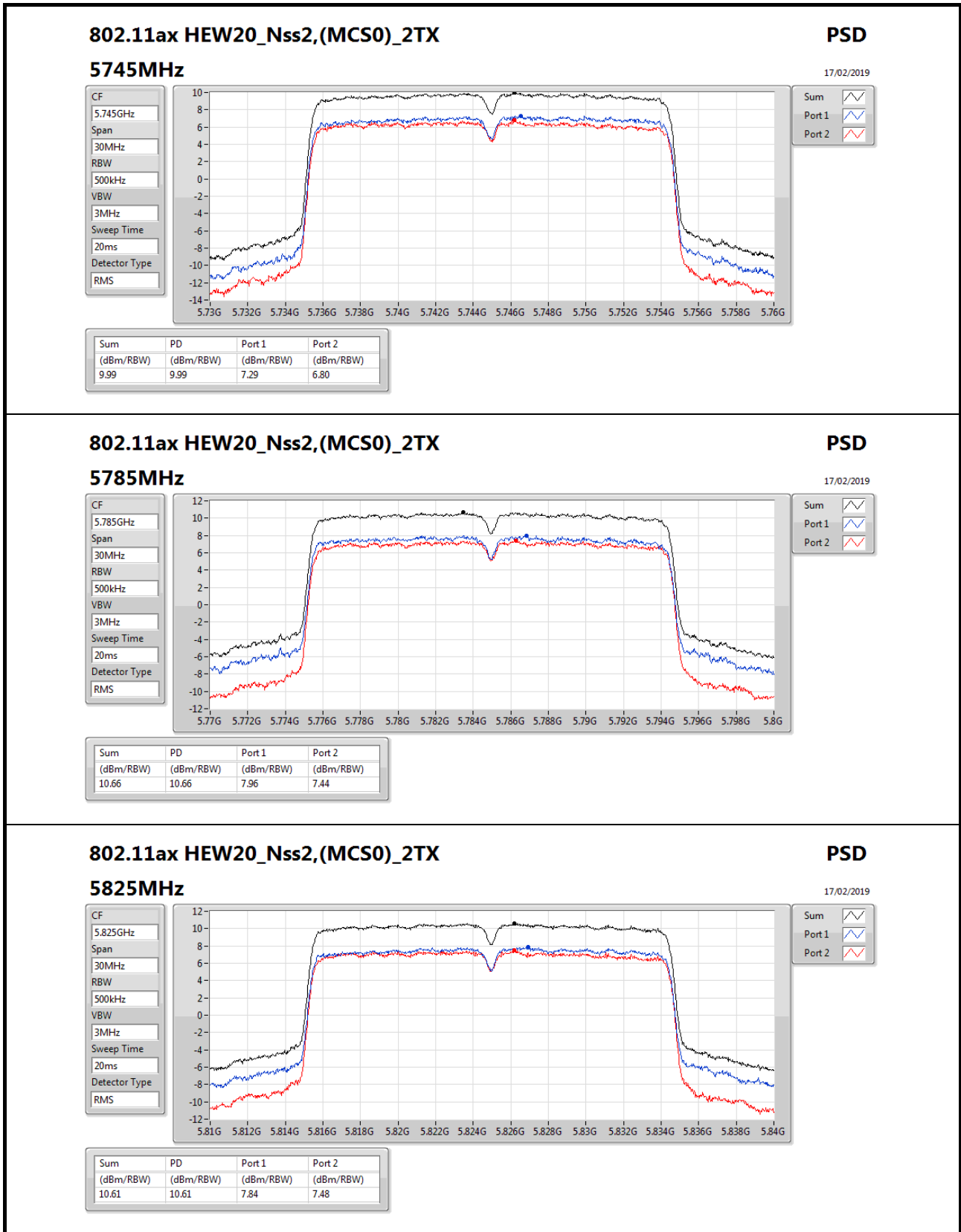
Detector Type  
RMS



Sum 

Port 1 

Port 2 



### 802.11ax HEW20\_Nss2,(MCS0)\_2TX

#### 5825MHz

### PSD

17/02/2019

CF  
5.825GHz

Span  
30MHz

RBW  
500kHz

VBW  
3MHz

Sweep Time  
20ms

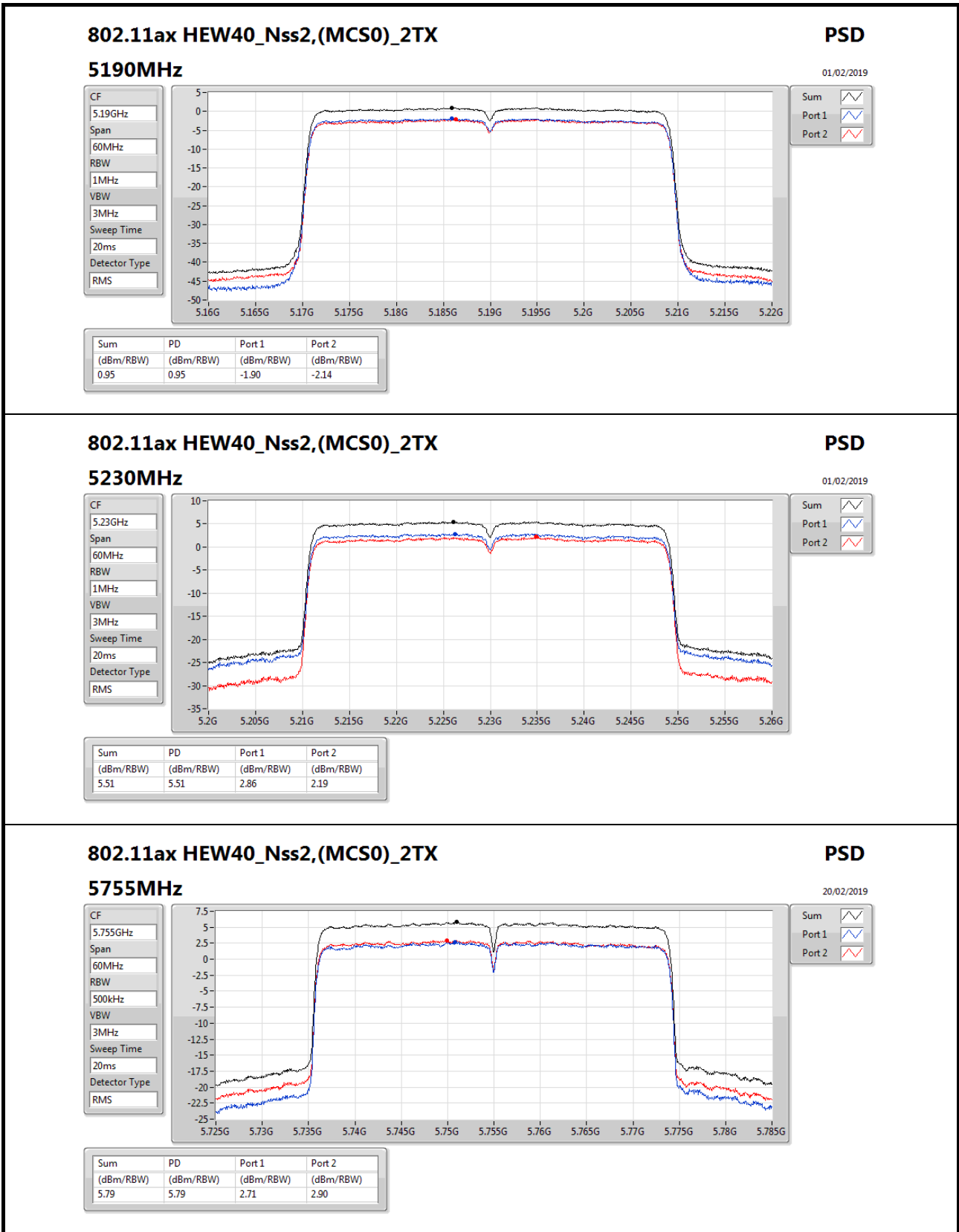
Detector Type  
RMS



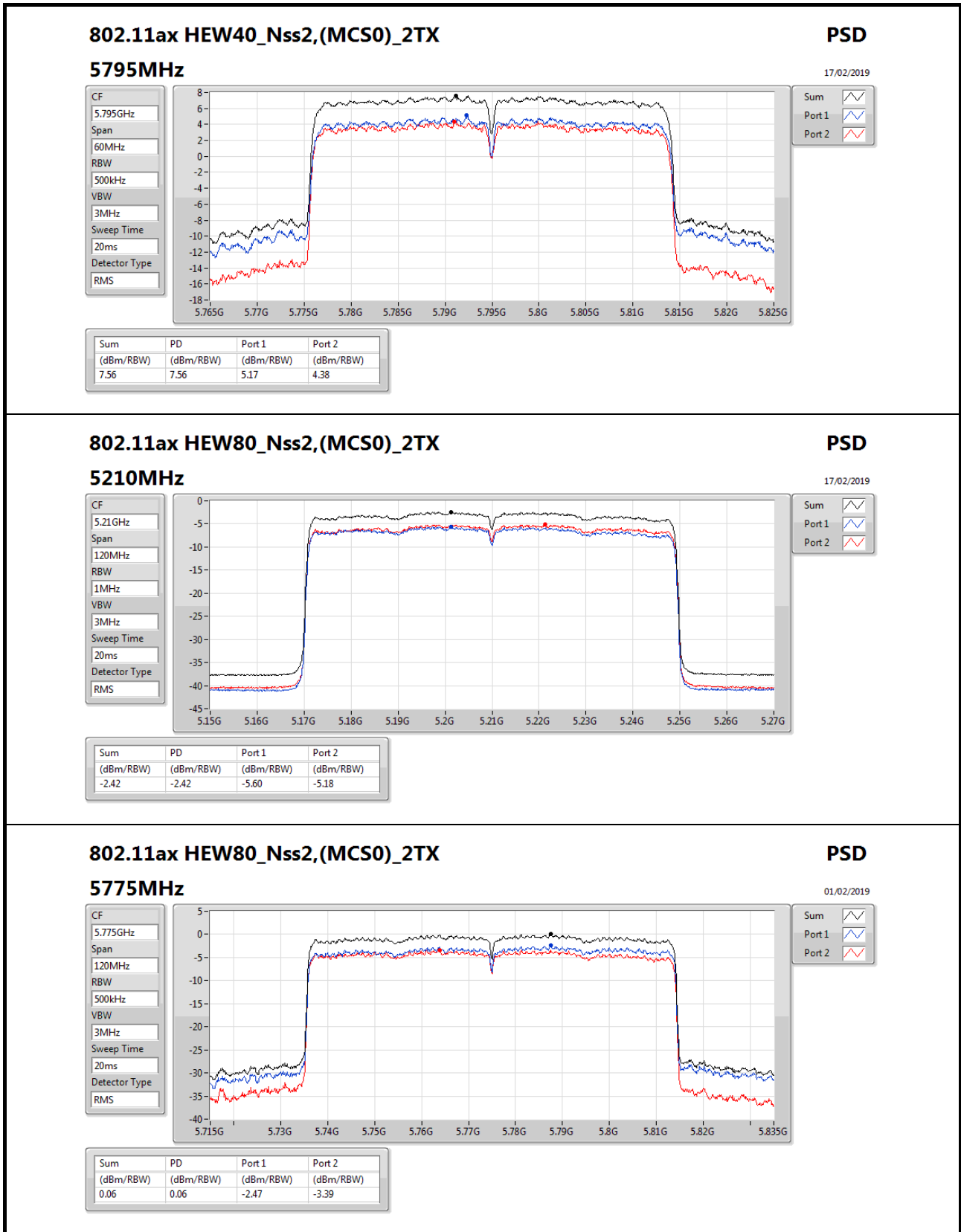
Sum

Port 1

Port 2







### 802.11ax HEW80\_Nss2,(MCS0)\_2TX

#### 5775MHz

**PSD**

01/02/2019

CF  
5.775GHz

Span  
120MHz

RBW  
500kHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



Sum

Port 1

Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.06	0.06	-2.47	-3.39



**For Non-beamforming / 4T1S mode  
Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	13.26
802.11ax HEW20_Nss1,(MCS0)_4TX	12.60
802.11ax HEW40_Nss1,(MCS0)_4TX	7.07
802.11ax HEW80_Nss1,(MCS0)_4TX	-0.83
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	13.16
802.11ax HEW20_Nss1,(MCS0)_4TX	13.33
802.11ax HEW40_Nss1,(MCS0)_4TX	7.65
802.11ax HEW80_Nss1,(MCS0)_4TX	2.13

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



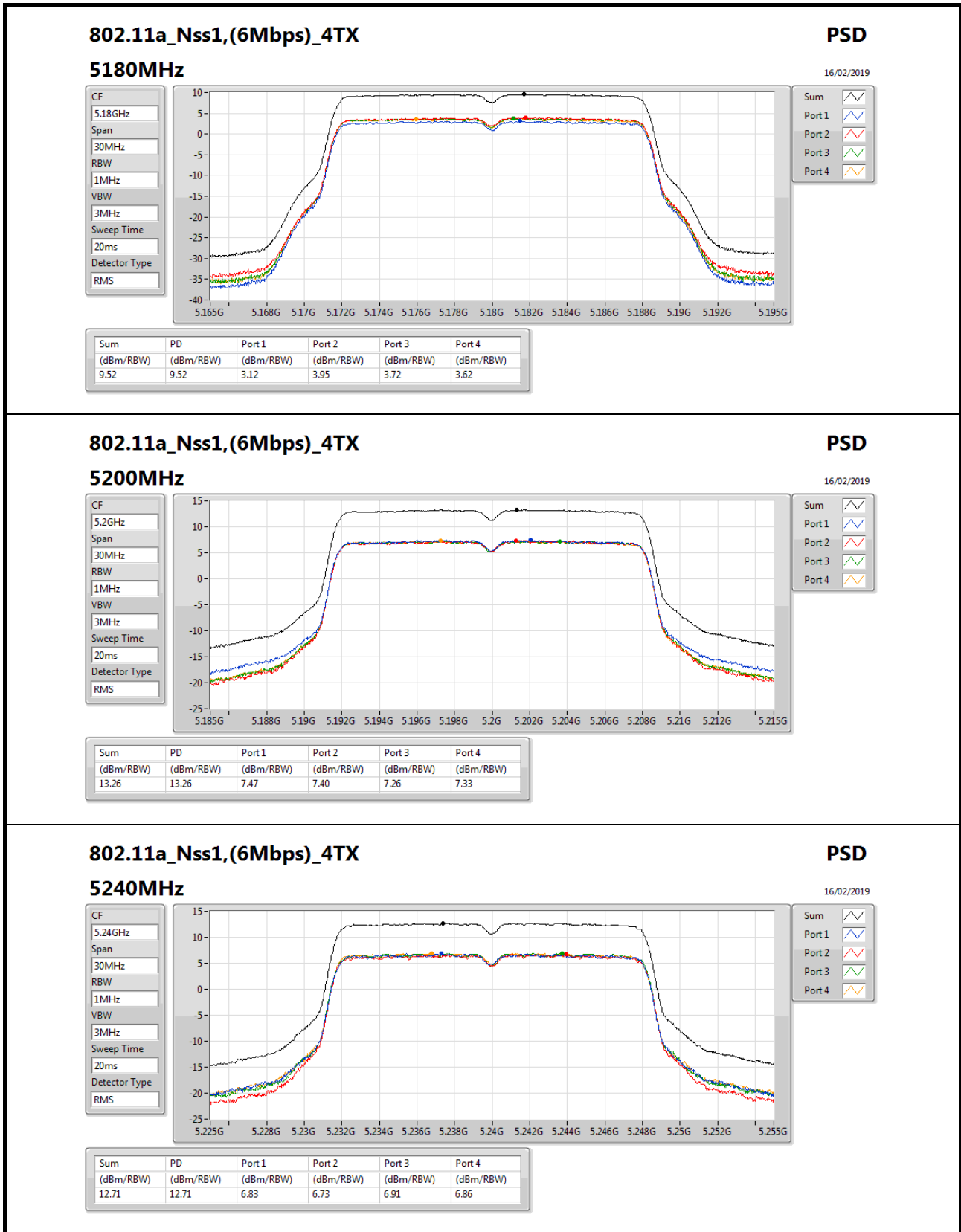
**PSD Result\_Radio 2**

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	9.02	3.12	3.95	3.72	3.62	9.52	13.98
5200MHz	Pass	9.02	7.47	7.40	7.26	7.33	13.26	13.98
5240MHz	Pass	9.02	6.83	6.73	6.91	6.86	12.71	13.98
5745MHz	Pass	9.02	6.51	5.71	6.25	6.09	12.03	26.98
5785MHz	Pass	9.02	7.19	6.85	7.47	6.94	13.04	26.98
5825MHz	Pass	9.02	7.23	7.18	7.55	6.97	13.16	26.98
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	9.02	0.45	1.24	0.84	1.02	6.83	13.98
5200MHz	Pass	9.02	5.36	5.57	5.78	5.58	11.52	13.98
5240MHz	Pass	9.02	6.67	6.48	6.83	6.64	12.60	13.98
5745MHz	Pass	9.02	7.13	6.33	6.92	6.57	12.71	26.98
5785MHz	Pass	9.02	7.46	7.20	7.64	7.24	13.33	26.98
5825MHz	Pass	9.02	7.39	6.74	7.31	6.97	13.06	26.98
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	9.02	-3.14	-2.51	-2.76	-3.26	3.02	13.98
5230MHz	Pass	9.02	1.15	1.33	1.21	0.88	7.07	13.98
5755MHz	Pass	9.02	2.23	0.75	1.13	1.21	7.28	26.98
5795MHz	Pass	9.02	2.07	1.31	1.76	1.73	7.65	26.98
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	9.02	-6.88	-7.04	-6.38	-6.82	-0.83	13.98
5775MHz	Pass	9.02	-3.46	-4.30	-3.78	-4.04	2.13	26.98

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

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



### 802.11a\_Nss1,(6Mbps)\_4TX

#### 5240MHz

### PSD

16/02/2019

CF  
5.24GHz

Span  
30MHz

RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS

Sum

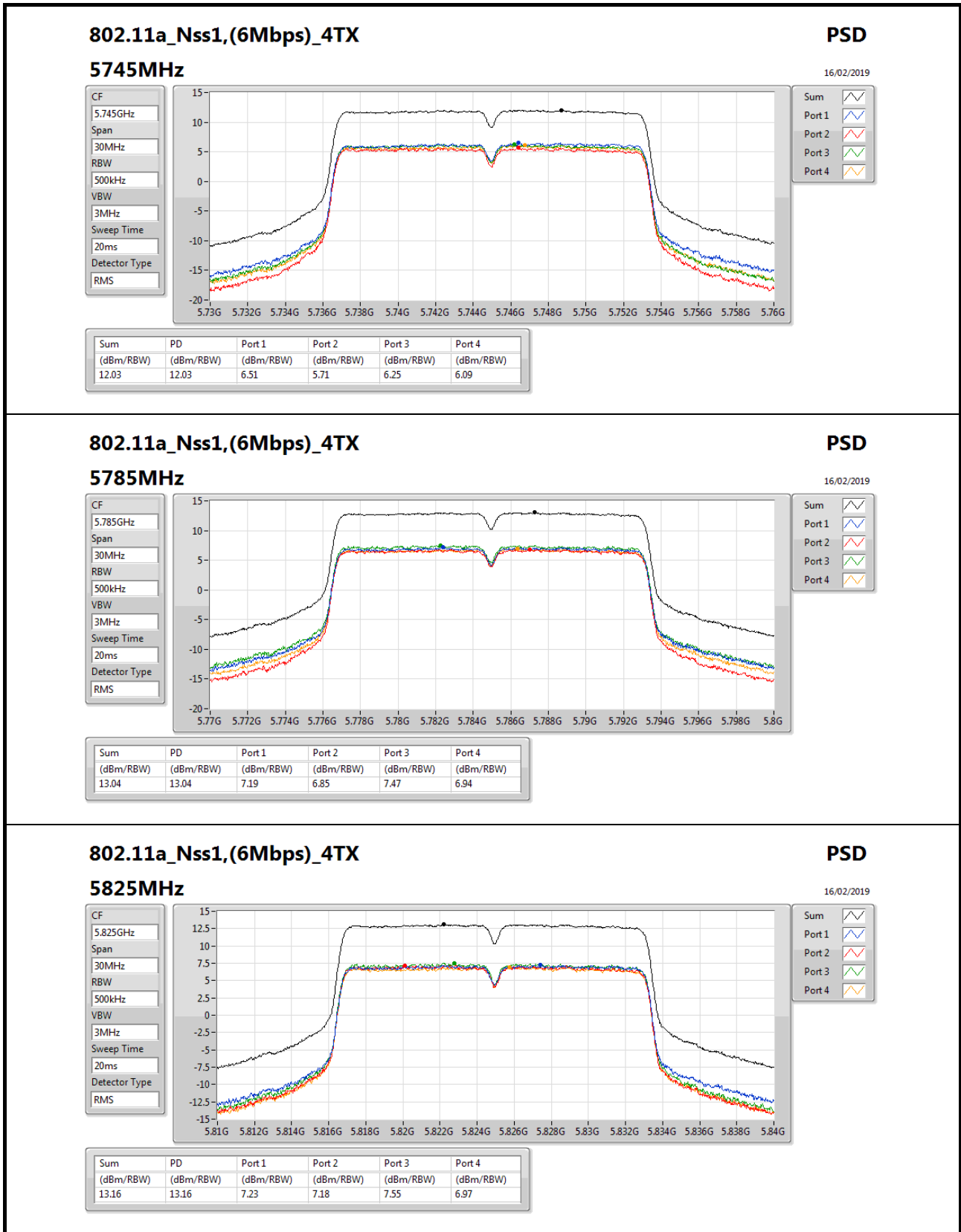
Port 1

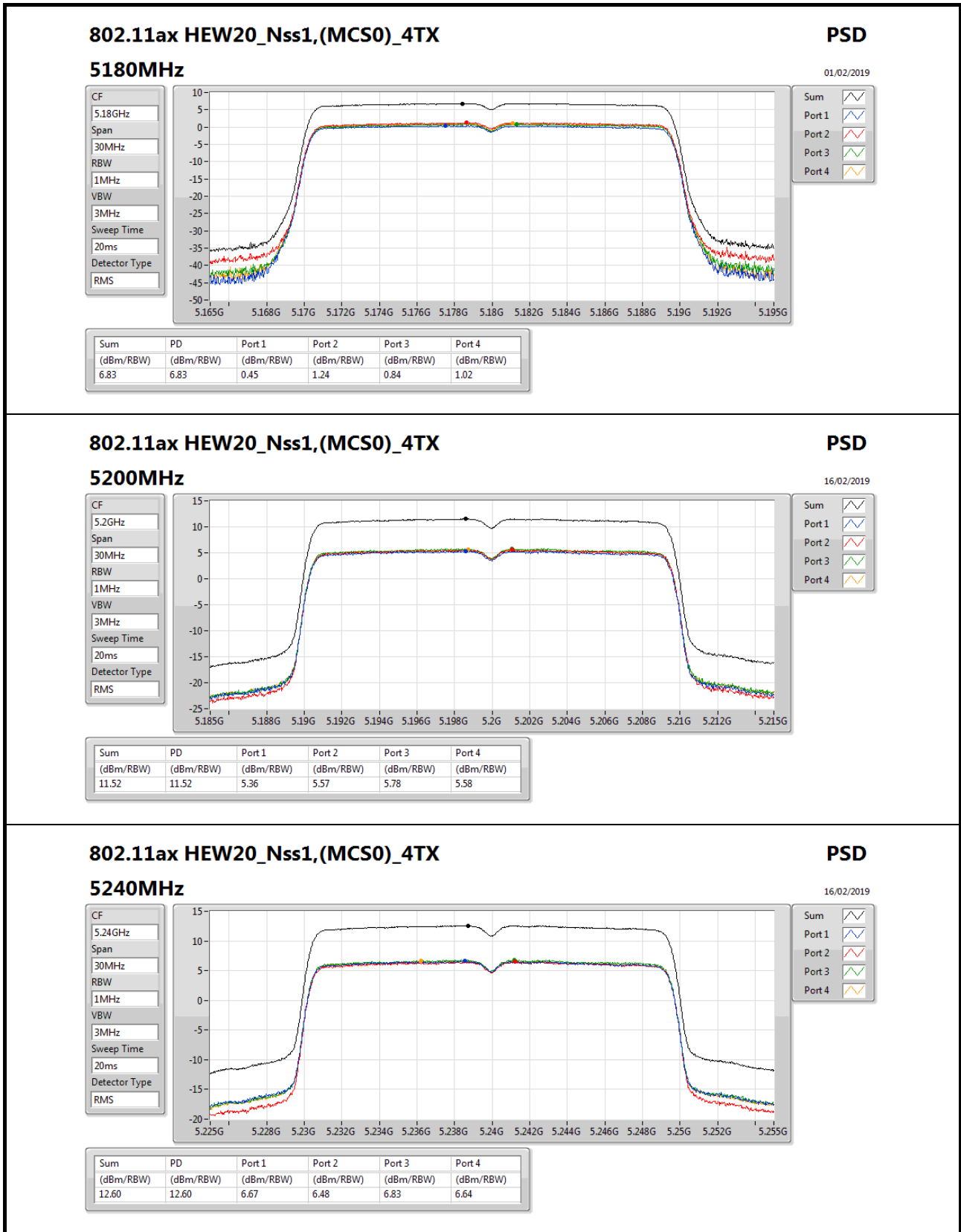
Port 2

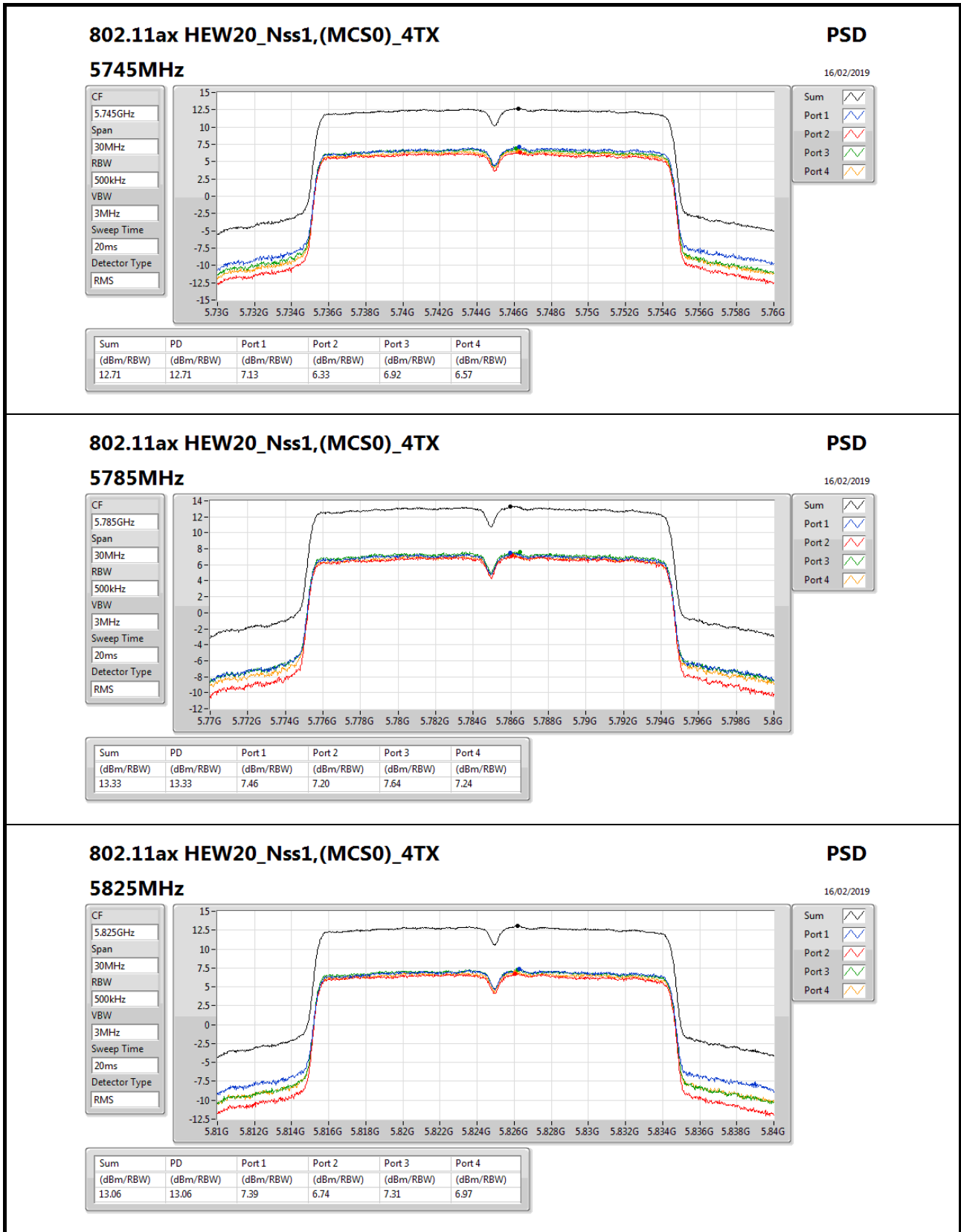
Port 3

Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.71	12.71	6.83	6.73	6.91	6.86







### 802.11ax HEW20\_Nss1,(MCS0)\_4TX

#### 5825MHz

**PSD**

16/02/2019

CF  
5.825GHz

Span  
30MHz

RBW  
500kHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS

Sum

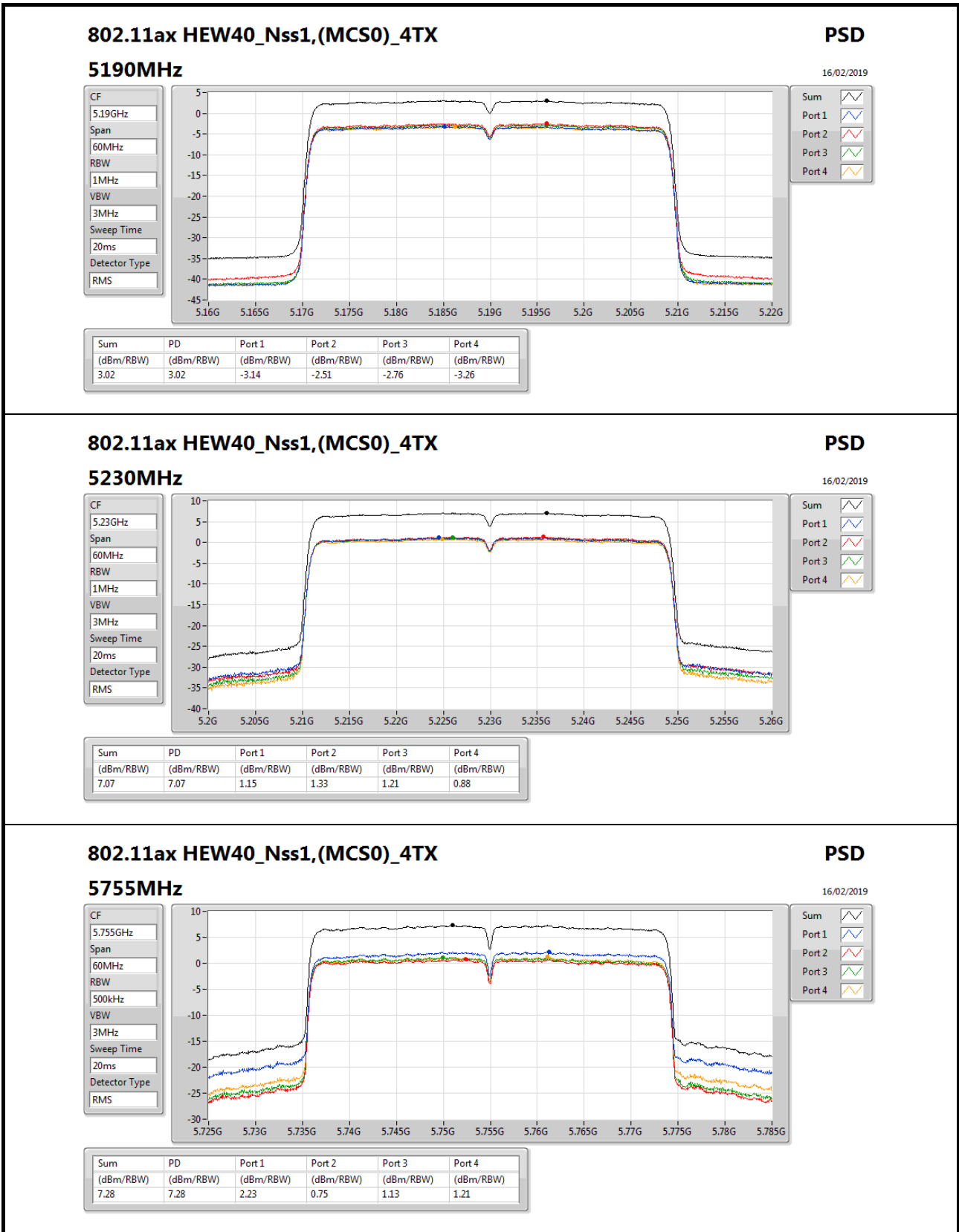
Port 1

Port 2

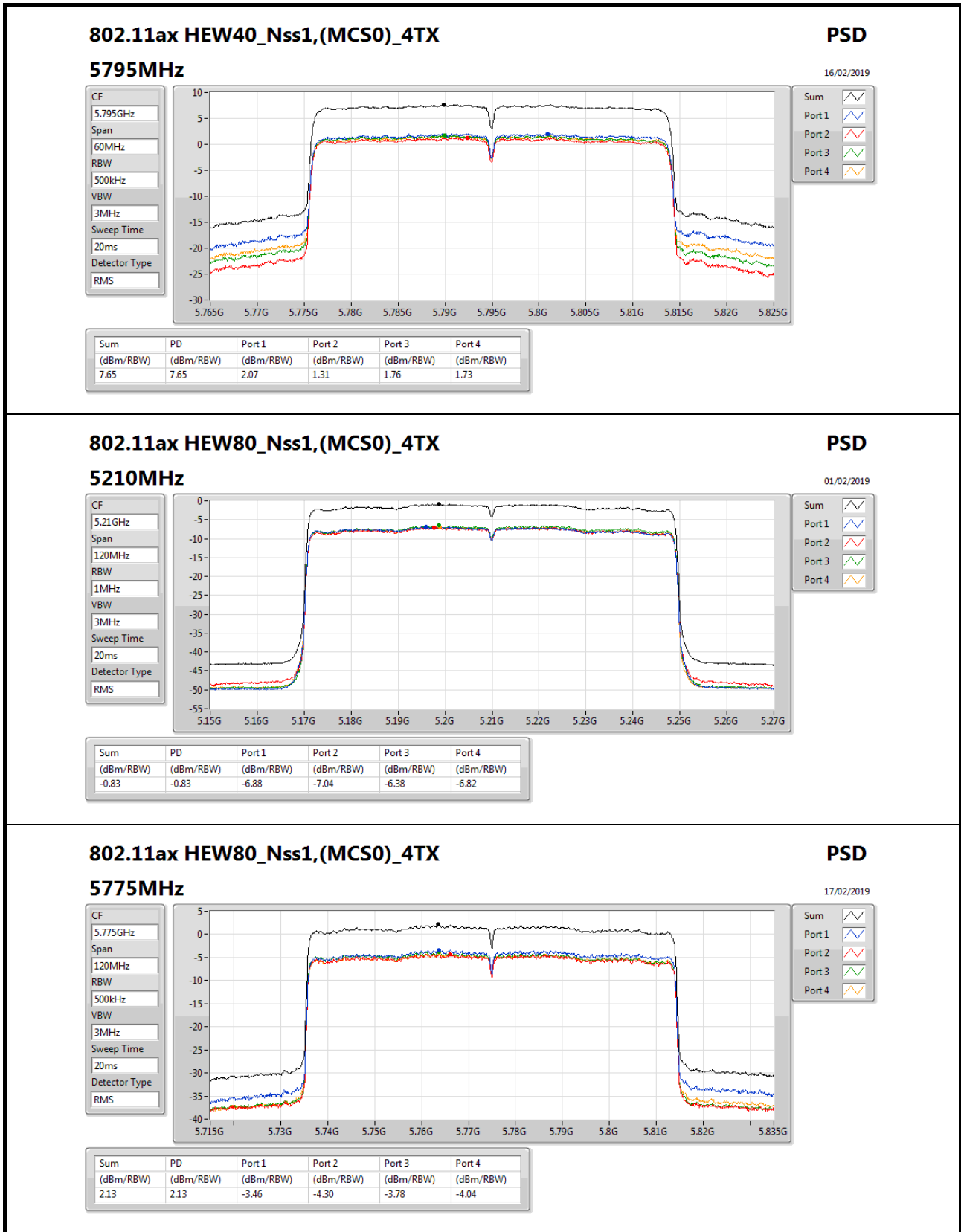
Port 3

Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.06	13.06	7.39	6.74	7.31	6.97









**For Beamforming / 4T1S mode  
Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	12.79
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	8.51
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	1.51
5.725-5.85GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	12.27
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	9.36
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	3.05

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



**PSD Result\_Radio 2**

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	9.02	1.58	2.03	2.63	2.82	8.23	13.98
5200MHz	Pass	9.02	6.27	5.97	6.70	7.25	12.50	13.98
5240MHz	Pass	9.02	6.61	6.59	6.88	7.18	12.79	13.98
5745MHz	Pass	9.02	6.53	5.90	6.45	6.36	12.27	26.98
5785MHz	Pass	9.02	6.54	5.98	6.43	6.30	12.25	26.98
5825MHz	Pass	9.02	6.86	5.88	6.24	6.14	12.18	26.98
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	9.02	-2.33	-1.17	-1.18	-1.99	4.32	13.98
5230MHz	Pass	9.02	2.22	2.82	2.78	2.49	8.51	13.98
5755MHz	Pass	9.02	2.79	2.30	2.48	2.45	8.42	26.98
5795MHz	Pass	9.02	4.05	3.01	3.36	3.22	9.36	26.98
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	9.02	-4.91	-4.61	-4.19	-3.96	1.51	13.98
5775MHz	Pass	9.02	-2.43	-2.83	-2.88	-3.32	3.05	26.98

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

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

