



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

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20_Nss4,(MCS0)_4TX	12.97
802.11ax HEW40_Nss4,(MCS0)_4TX	7.38
802.11ax HEW80_Nss4,(MCS0)_4TX	-0.15
5.725-5.85GHz	-
802.11ax HEW20_Nss4,(MCS0)_4TX	13.38
802.11ax HEW40_Nss4,(MCS0)_4TX	9.46
802.11ax HEW80_Nss4,(MCS0)_4TX	3.43

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



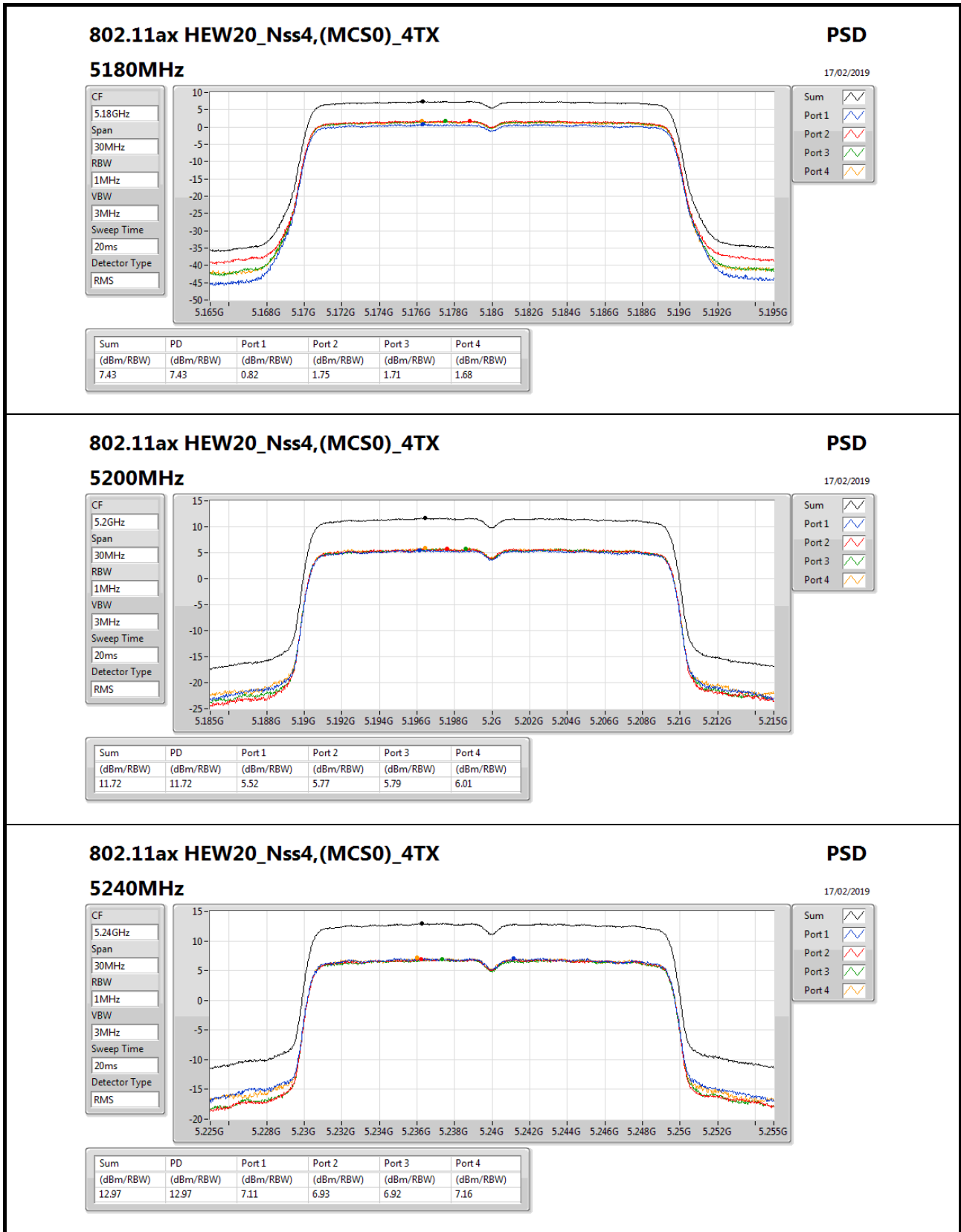
**PSD Result\_Radio 2**

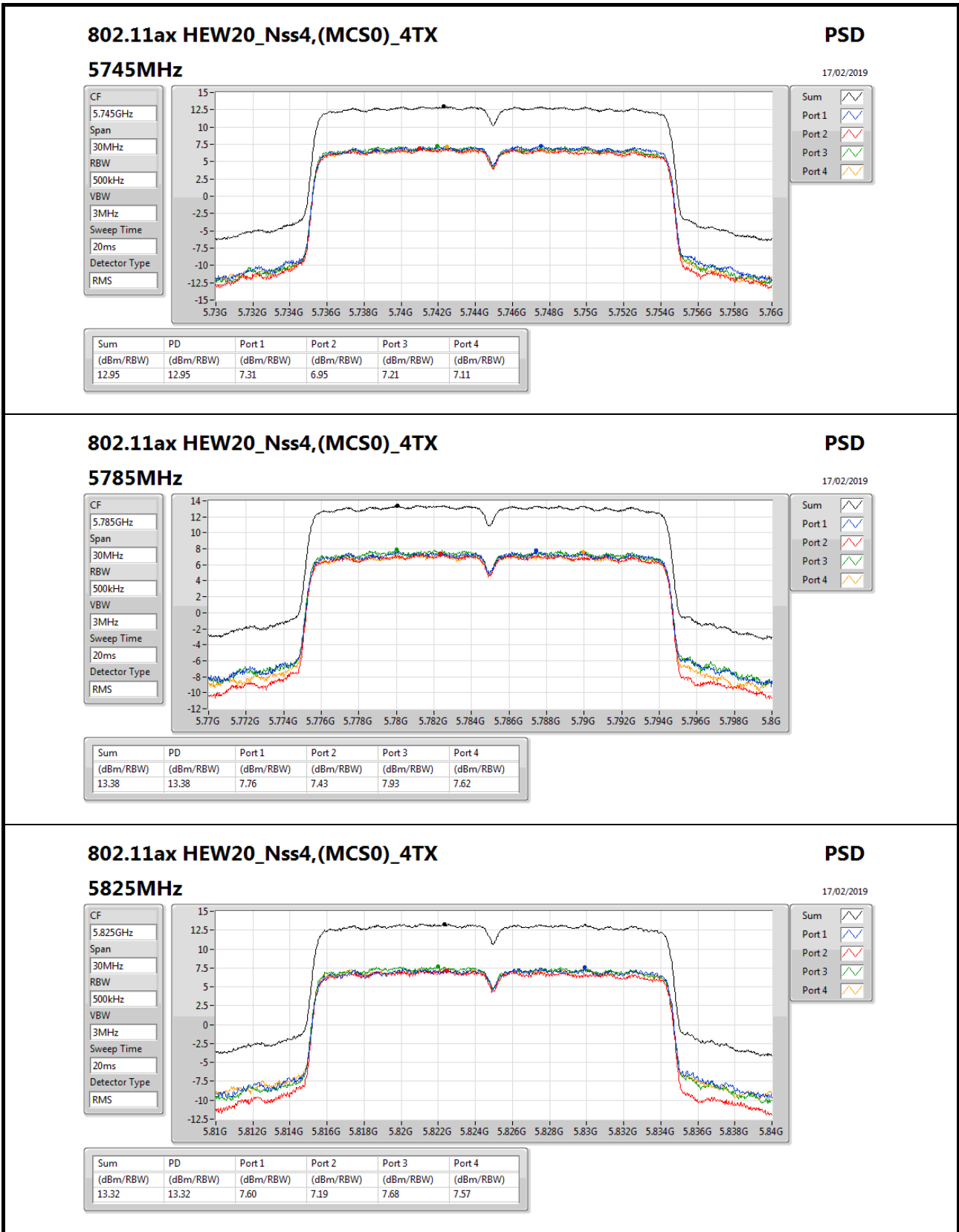
**Result**

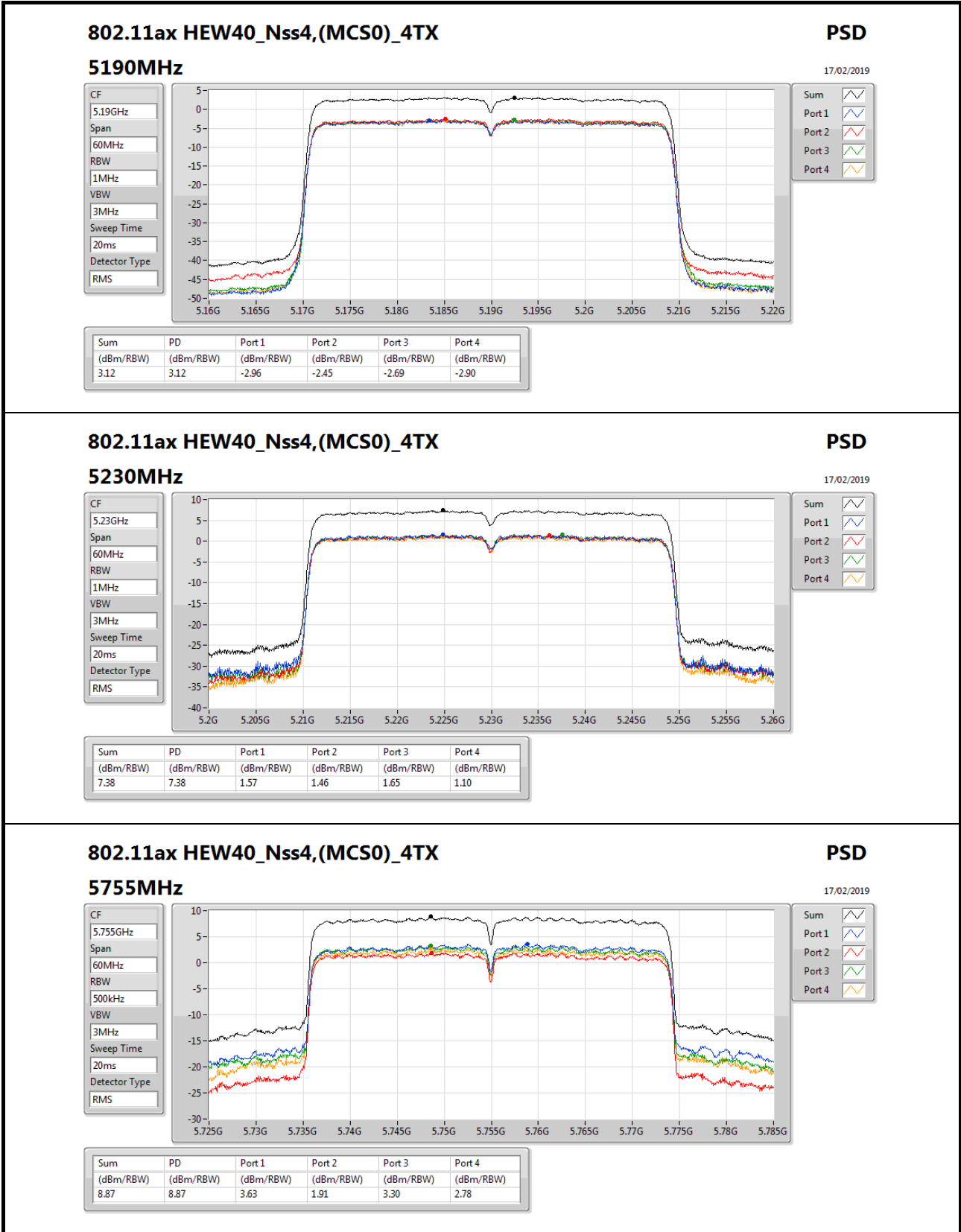
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.00	0.82	1.75	1.71	1.68	7.43	17.00
5200MHz	Pass	3.00	5.52	5.77	5.79	6.01	11.72	17.00
5240MHz	Pass	3.00	7.11	6.93	6.92	7.16	12.97	17.00
5745MHz	Pass	3.00	7.31	6.95	7.21	7.11	12.95	30.00
5785MHz	Pass	3.00	7.76	7.43	7.93	7.62	13.38	30.00
5825MHz	Pass	3.00	7.60	7.19	7.68	7.57	13.32	30.00
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	3.00	-2.96	-2.45	-2.69	-2.90	3.12	17.00
5230MHz	Pass	3.00	1.57	1.46	1.65	1.10	7.38	17.00
5755MHz	Pass	3.00	3.63	1.91	3.30	2.78	8.87	30.00
5795MHz	Pass	3.00	3.87	3.08	3.80	3.61	9.46	30.00
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	3.00	-6.60	-5.95	-5.71	-6.40	-0.15	17.00
5775MHz	Pass	3.00	-1.98	-3.18	-2.32	-2.46	3.43	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 HEW40\_Nss4,(MCS0)\_4TX

#### 5755MHz

**PSD**

17/02/2019

CF  
5.755GHz

Span  
60MHz

RBW  
500kHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS

Sum

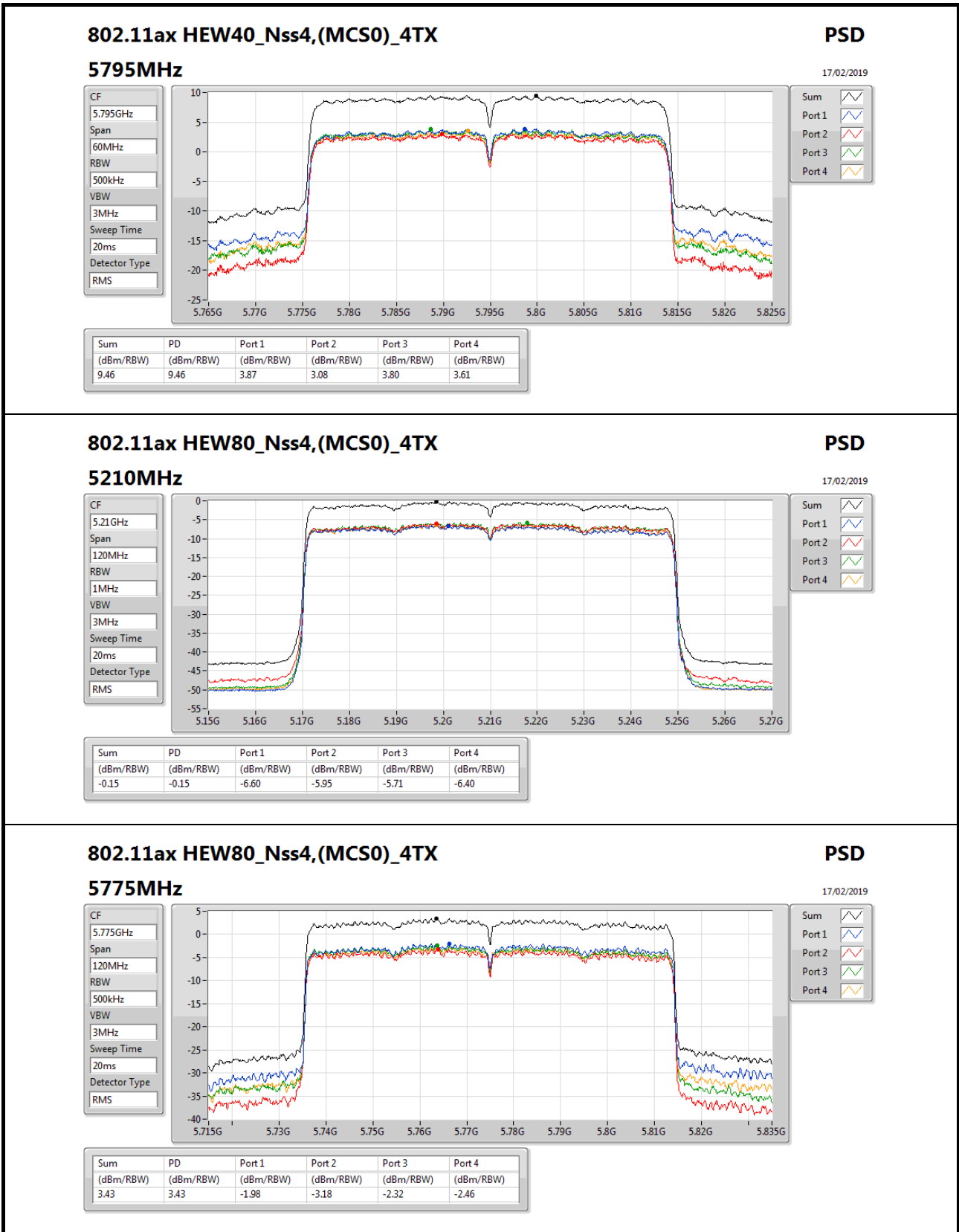
Port 1

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)
8.87	8.87	3.63	1.91	3.30	2.78





**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	6.21
802.11ax HEW20_Nss1,(MCS0)_1TX	5.94
802.11ax HEW40_Nss1,(MCS0)_1TX	3.06
802.11ax HEW80_Nss1,(MCS0)_1TX	-3.54
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	6.75
802.11ax HEW20_Nss1,(MCS0)_1TX	6.77
802.11ax HEW40_Nss1,(MCS0)_1TX	4.43
802.11ax HEW80_Nss1,(MCS0)_1TX	-1.01

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



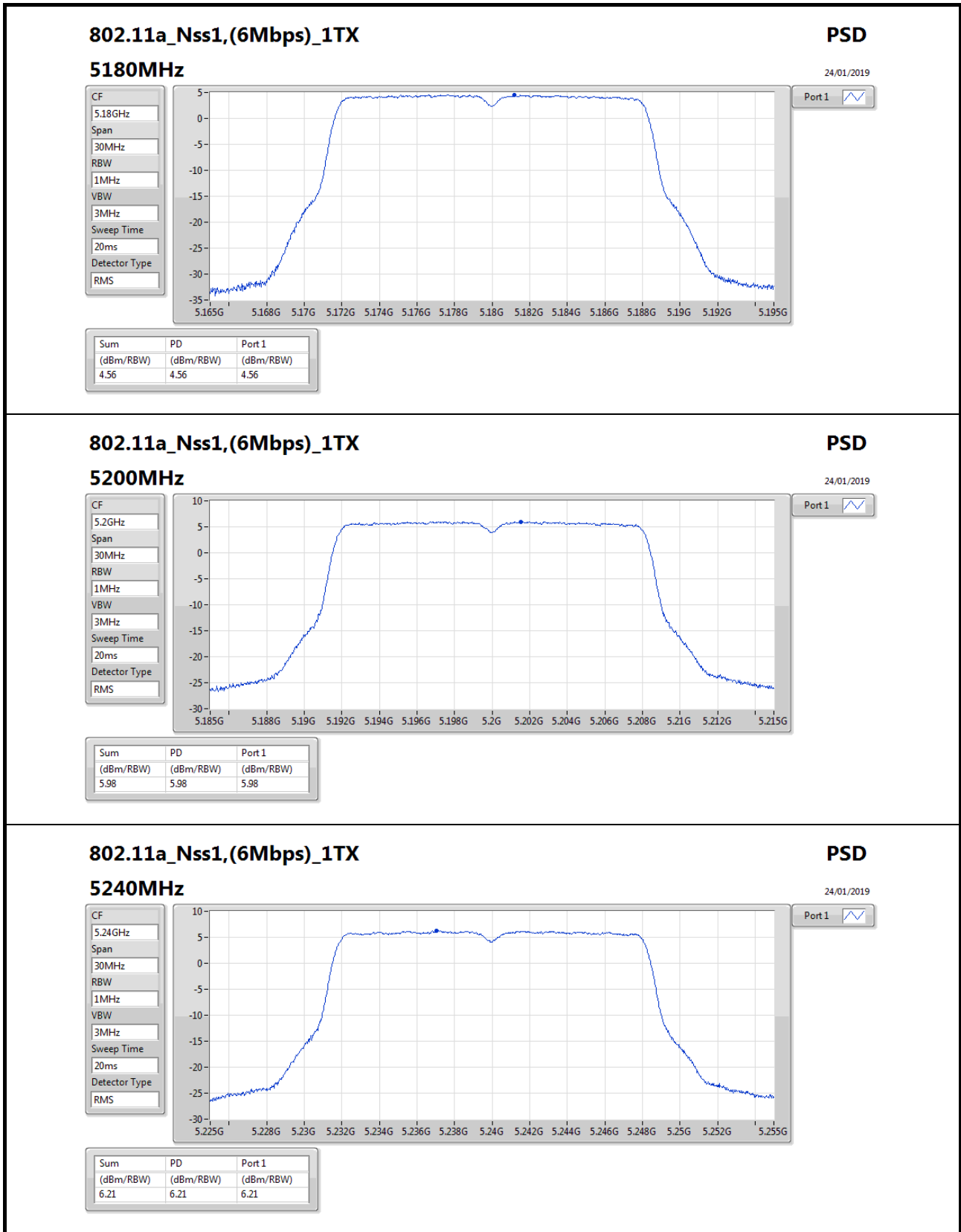


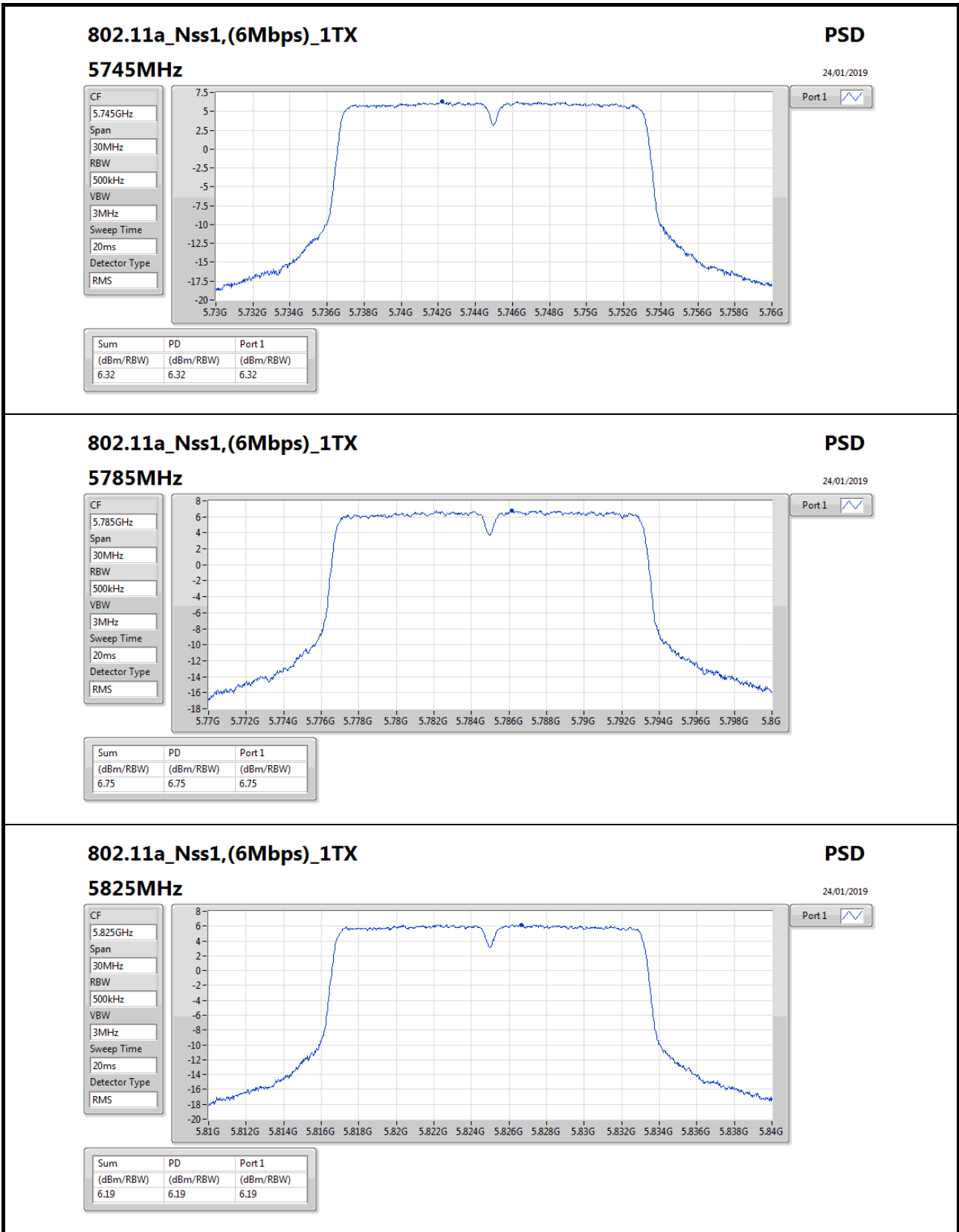
**PSD Result\_Radio 2**

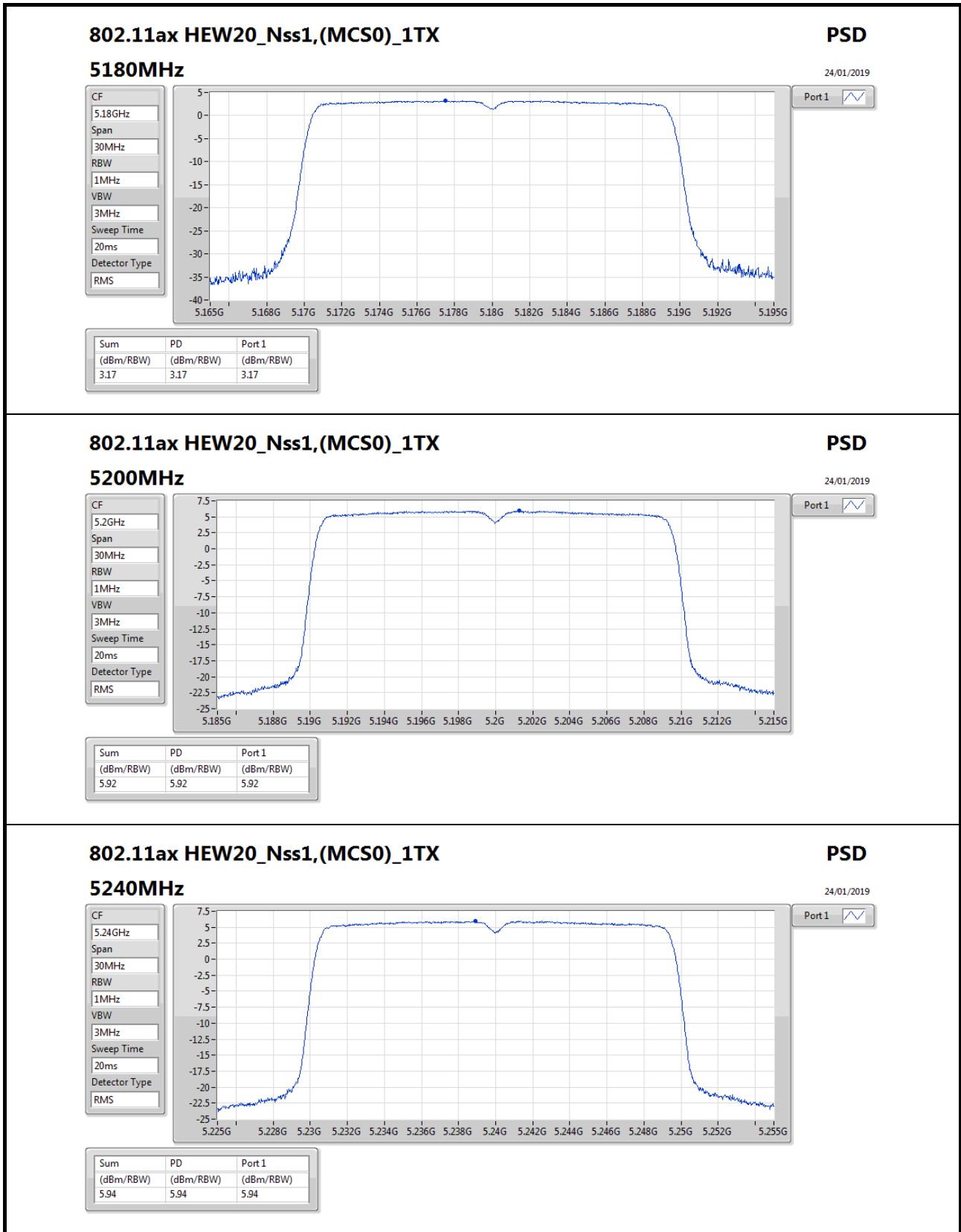
**Result**

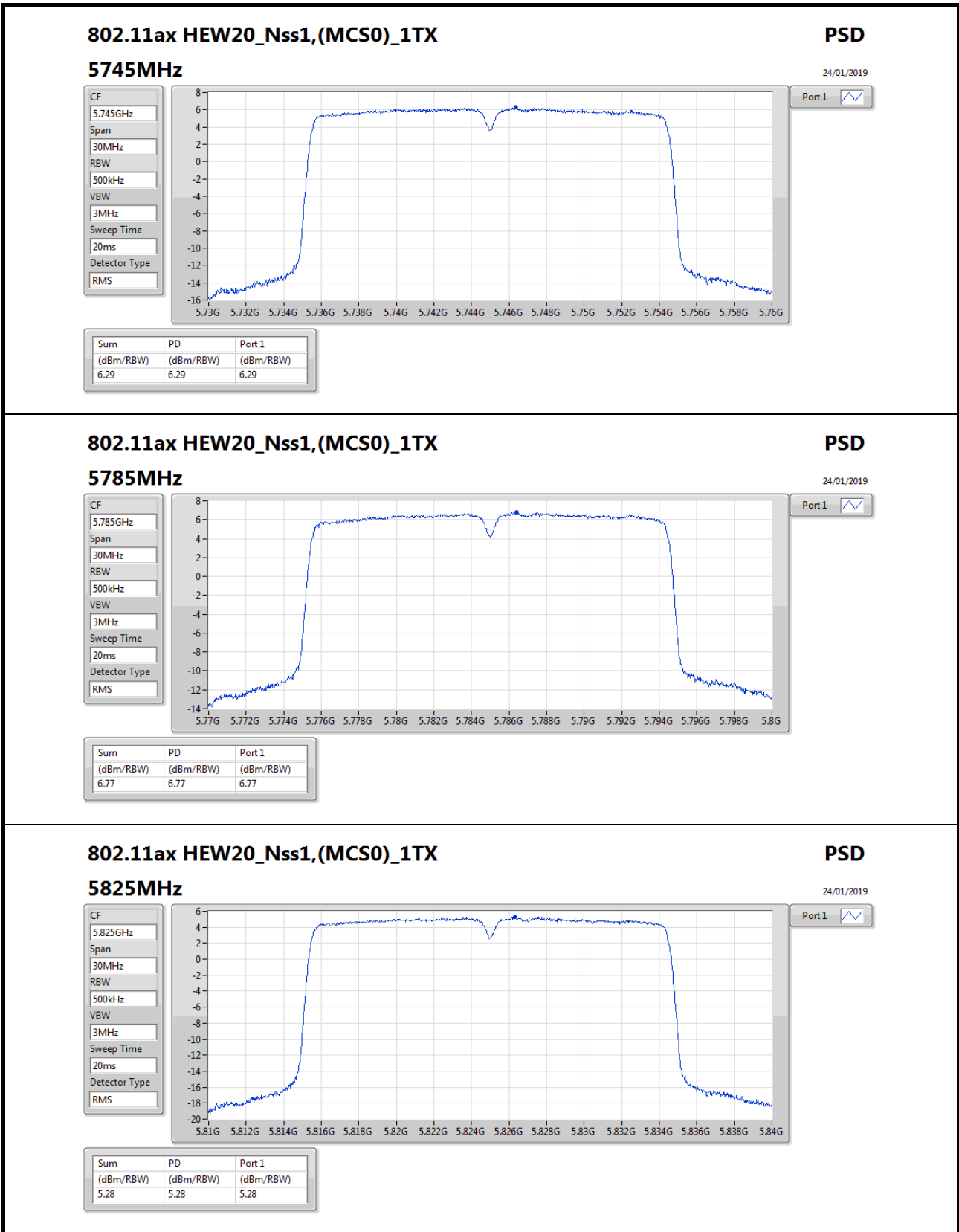
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	6.00	4.56	4.56	17.00
5200MHz	Pass	6.00	5.98	5.98	17.00
5240MHz	Pass	6.00	6.21	6.21	17.00
5745MHz	Pass	6.00	6.32	6.32	30.00
5785MHz	Pass	6.00	6.75	6.75	30.00
5825MHz	Pass	6.00	6.19	6.19	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	6.00	3.17	3.17	17.00
5200MHz	Pass	6.00	5.92	5.92	17.00
5240MHz	Pass	6.00	5.94	5.94	17.00
5745MHz	Pass	6.00	6.29	6.29	30.00
5785MHz	Pass	6.00	6.77	6.77	30.00
5825MHz	Pass	6.00	5.28	5.28	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	6.00	-0.71	-0.71	17.00
5230MHz	Pass	6.00	3.06	3.06	17.00
5755MHz	Pass	6.00	4.00	4.00	30.00
5795MHz	Pass	6.00	4.43	4.43	30.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	6.00	-3.54	-3.54	17.00
5775MHz	Pass	6.00	-1.01	-1.01	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\_Nss1,(MCS0)\_1TX

#### 5825MHz

PSD

24/01/2019

CF  
5.825GHz

Span  
30MHz

RBW  
500kHz

VBW  
3MHz

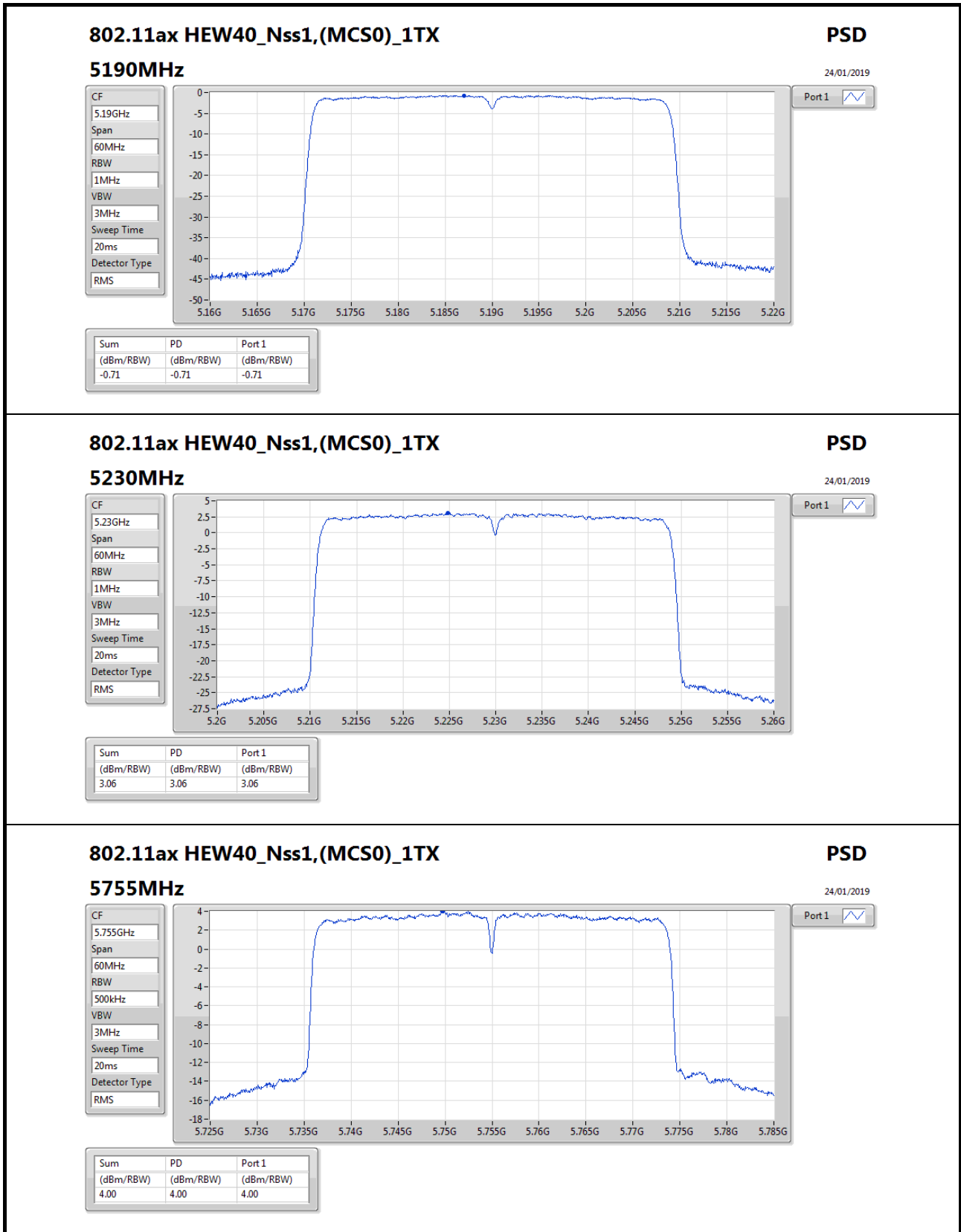
Sweep Time  
20ms

Detector Type  
RMS



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.28	5.28	5.28



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

#### 5755MHz

### PSD

24/01/2019

CF  
5.755GHz

Span  
60MHz

RBW  
500kHz

VBW  
3MHz

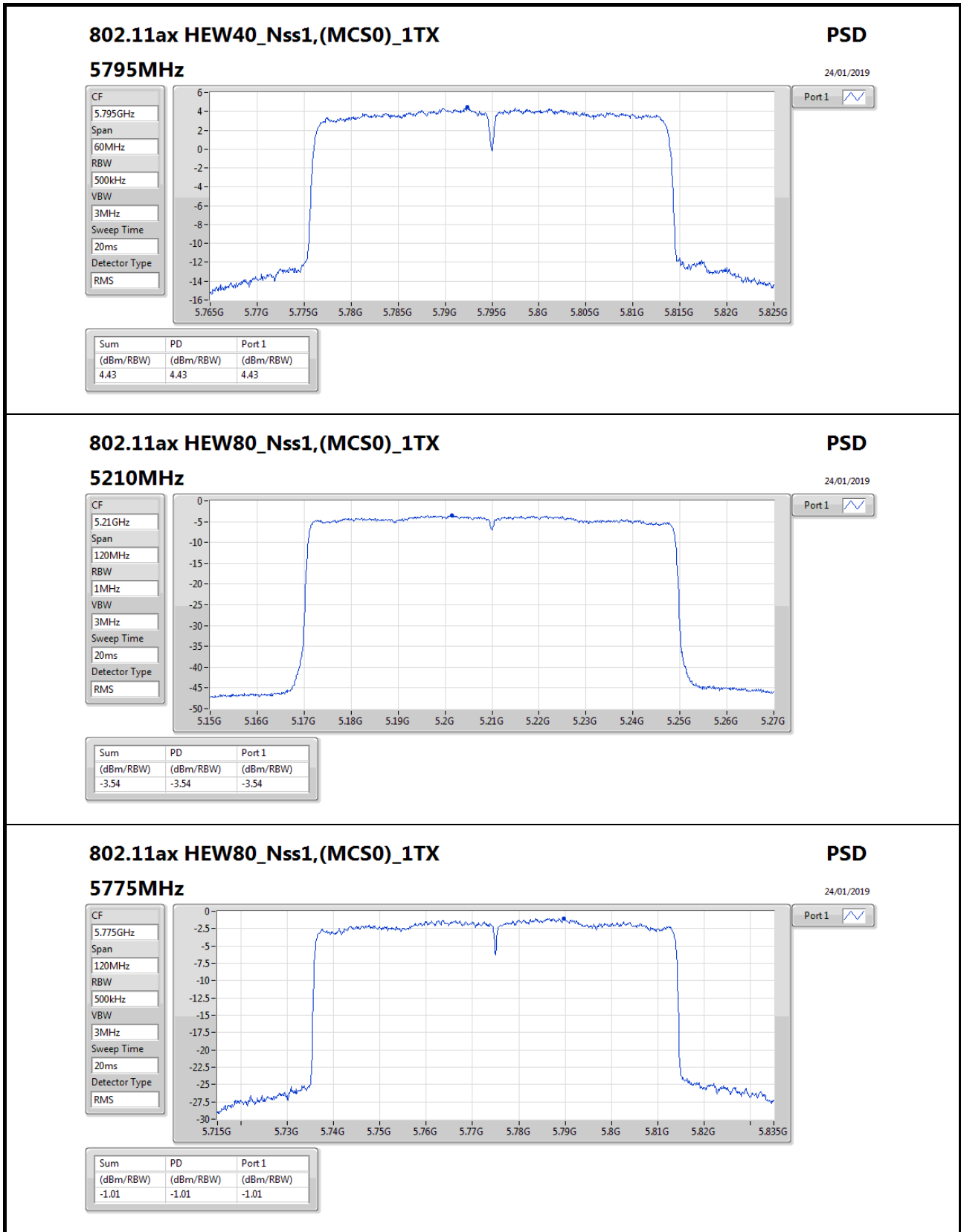
Sweep Time  
20ms

Detector Type  
RMS



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.00	4.00	4.00



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

#### 5775MHz

PSD

24/01/2019

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)
-1.01	-1.01	-1.01



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

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20_Nss2,(MCS0)_2TX	9.20
802.11ax HEW40_Nss2,(MCS0)_2TX	5.32
802.11ax HEW80_Nss2,(MCS0)_2TX	-3.25
5.725-5.85GHz	-
802.11ax HEW20_Nss2,(MCS0)_2TX	9.44
802.11ax HEW40_Nss2,(MCS0)_2TX	6.70
802.11ax HEW80_Nss2,(MCS0)_2TX	-0.11

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





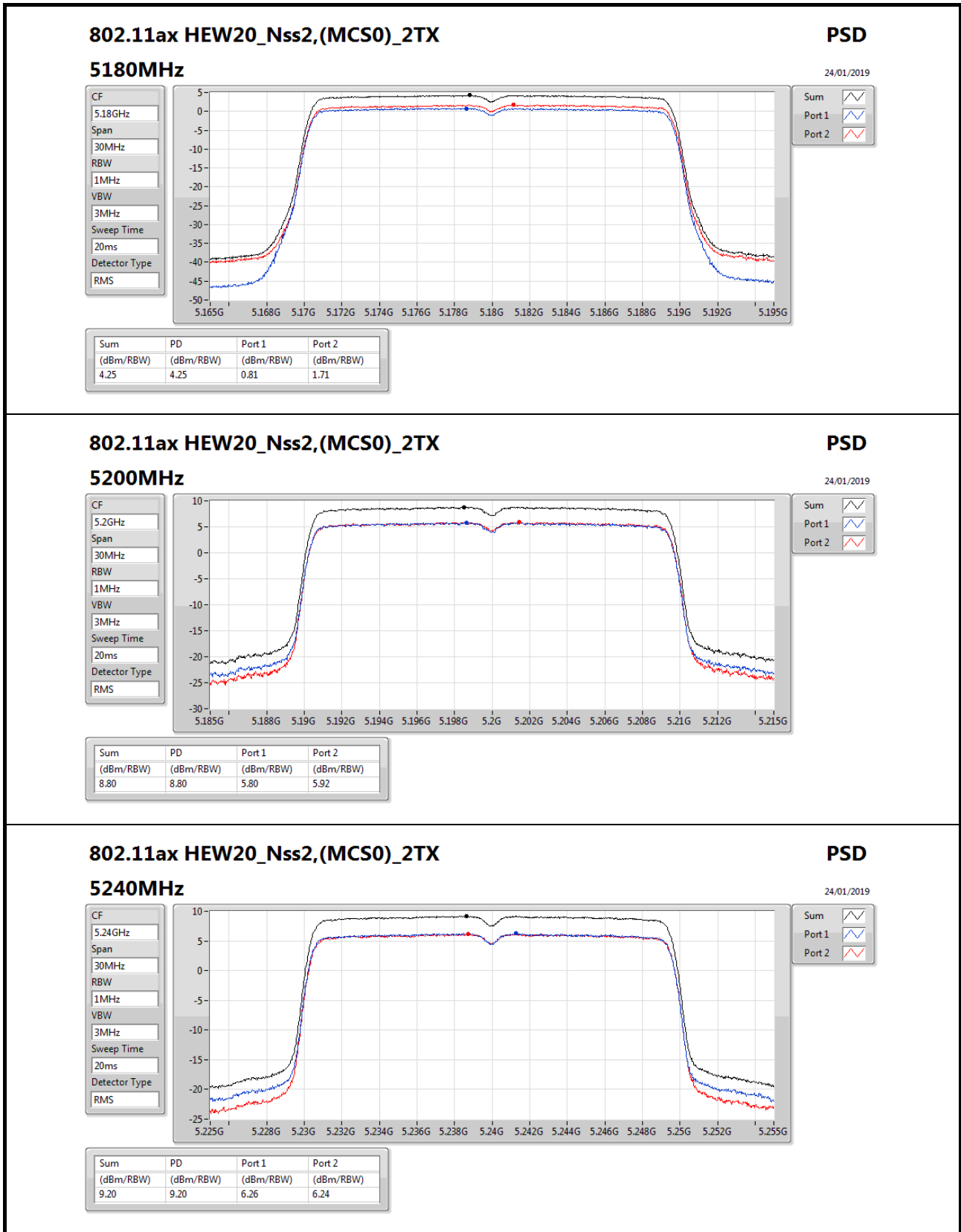
**PSD Result\_Radio 2**

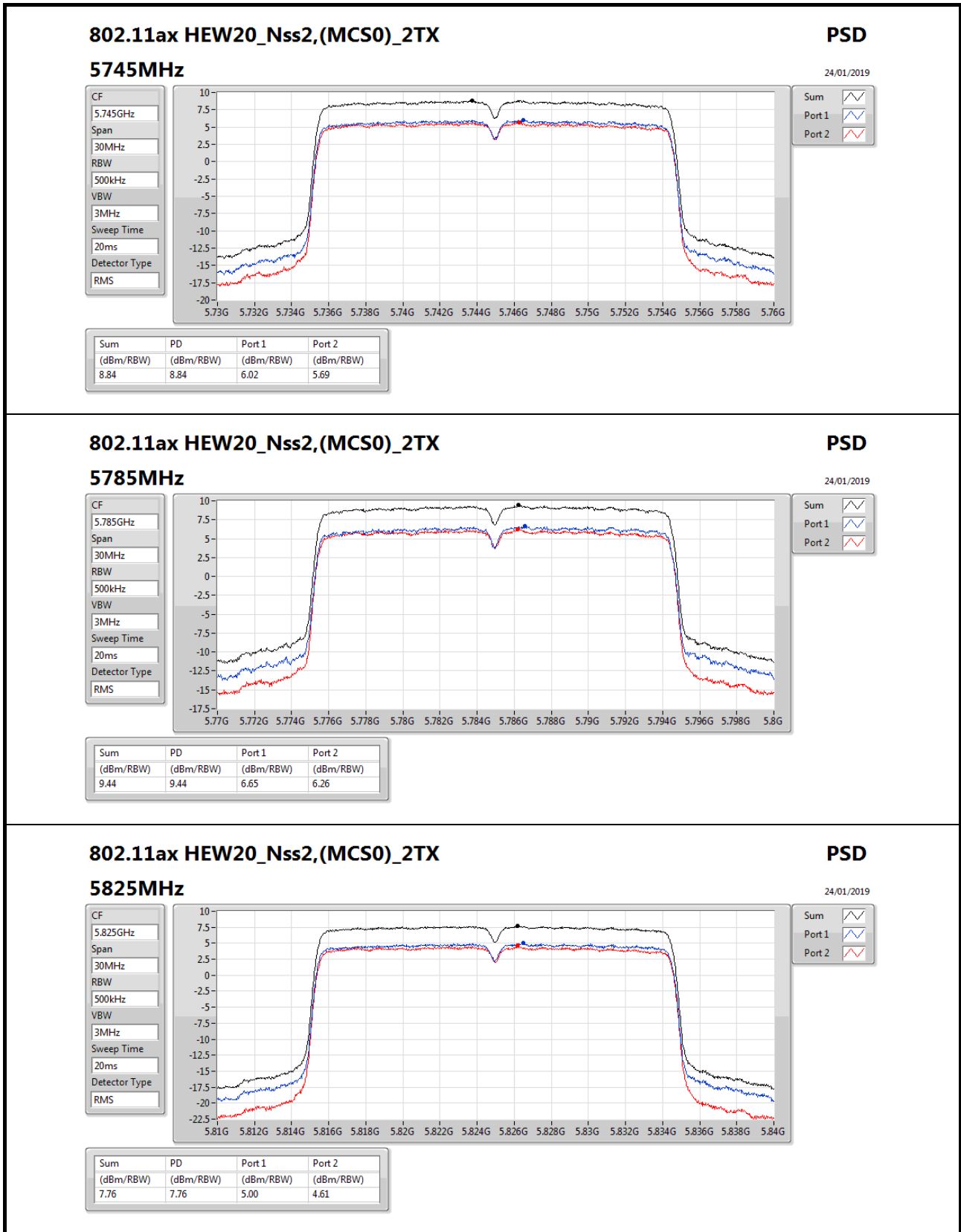
**Result**

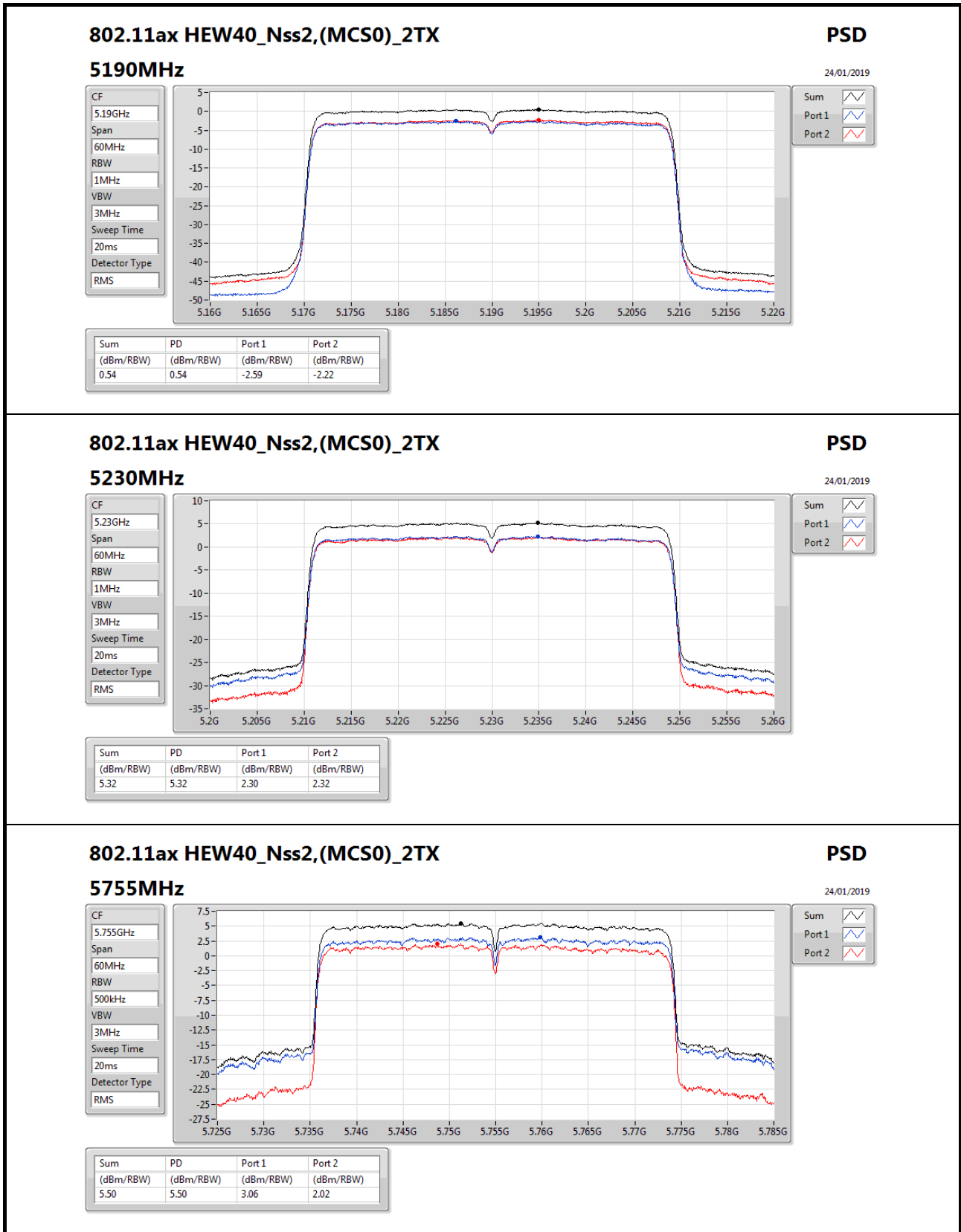
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	6.00	0.81	1.71	4.25	17.00
5200MHz	Pass	6.00	5.80	5.92	8.80	17.00
5240MHz	Pass	6.00	6.26	6.24	9.20	17.00
5745MHz	Pass	6.00	6.02	5.69	8.84	30.00
5785MHz	Pass	6.00	6.65	6.26	9.44	30.00
5825MHz	Pass	6.00	5.00	4.61	7.76	30.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	6.00	-2.59	-2.22	0.54	17.00
5230MHz	Pass	6.00	2.30	2.32	5.32	17.00
5755MHz	Pass	6.00	3.06	2.02	5.50	30.00
5795MHz	Pass	6.00	4.14	3.19	6.70	30.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	6.00	-6.38	-5.93	-3.25	17.00
5775MHz	Pass	6.00	-2.61	-3.35	-0.11	30.00

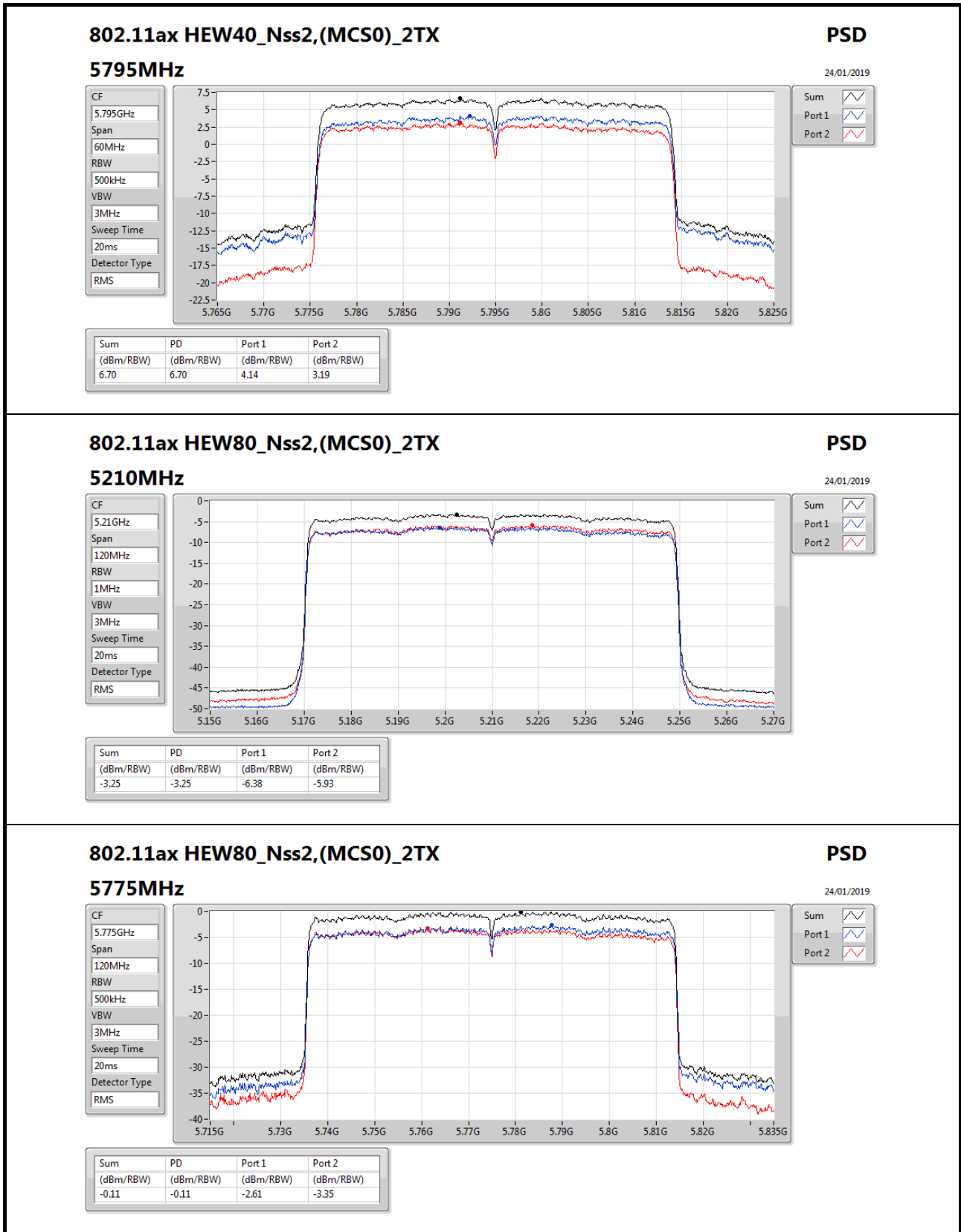
**DG** = Directional Gain; **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

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









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

#### 5775MHz

### PSD

24/01/2019

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	10.86
802.11ax HEW20_Nss1,(MCS0)_4TX	10.76
802.11ax HEW40_Nss1,(MCS0)_4TX	6.17
802.11ax HEW80_Nss1,(MCS0)_4TX	-2.78
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	12.27
802.11ax HEW20_Nss1,(MCS0)_4TX	12.00
802.11ax HEW40_Nss1,(MCS0)_4TX	8.36
802.11ax HEW80_Nss1,(MCS0)_4TX	0.67

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

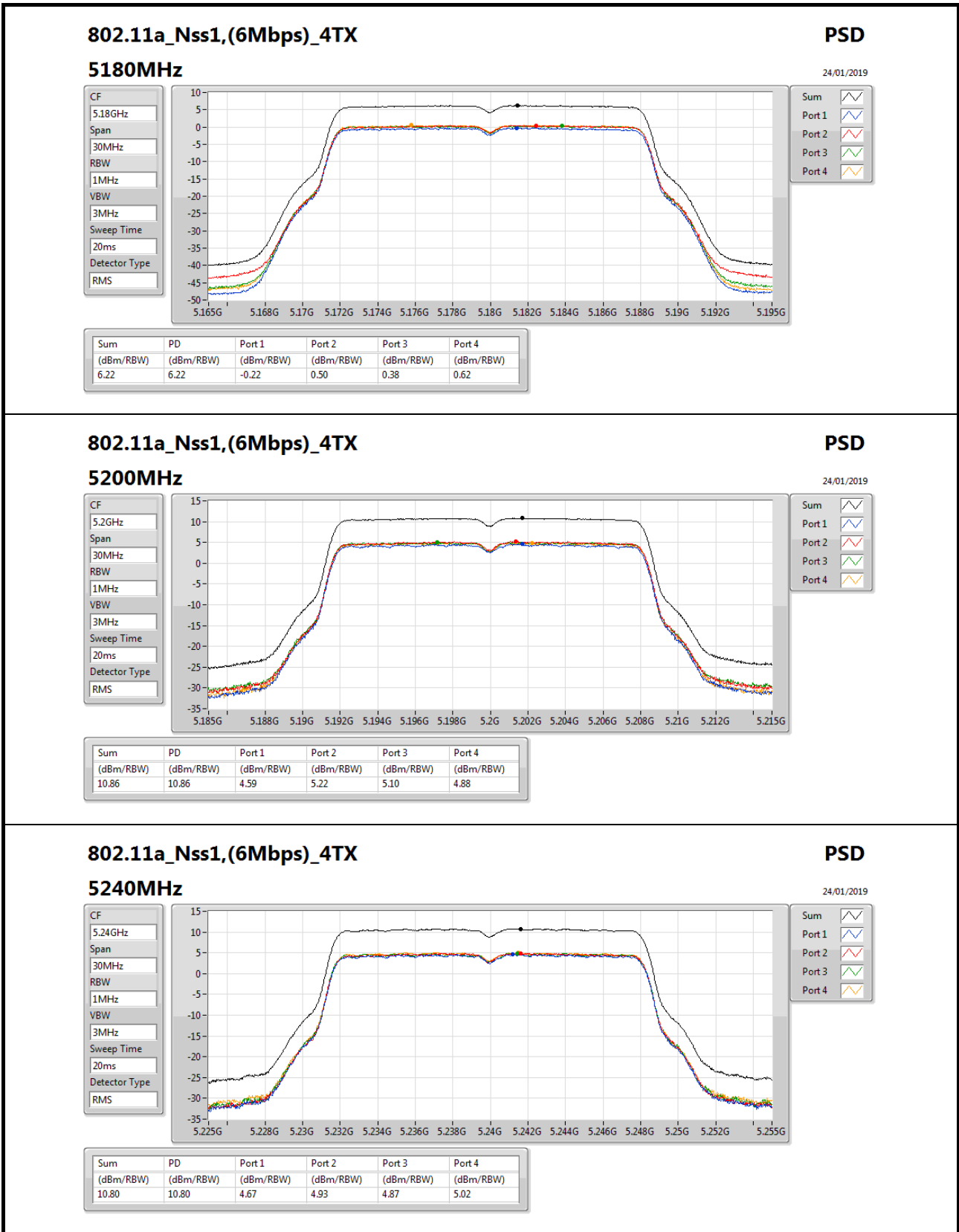


**PSD Result\_Radio 2**

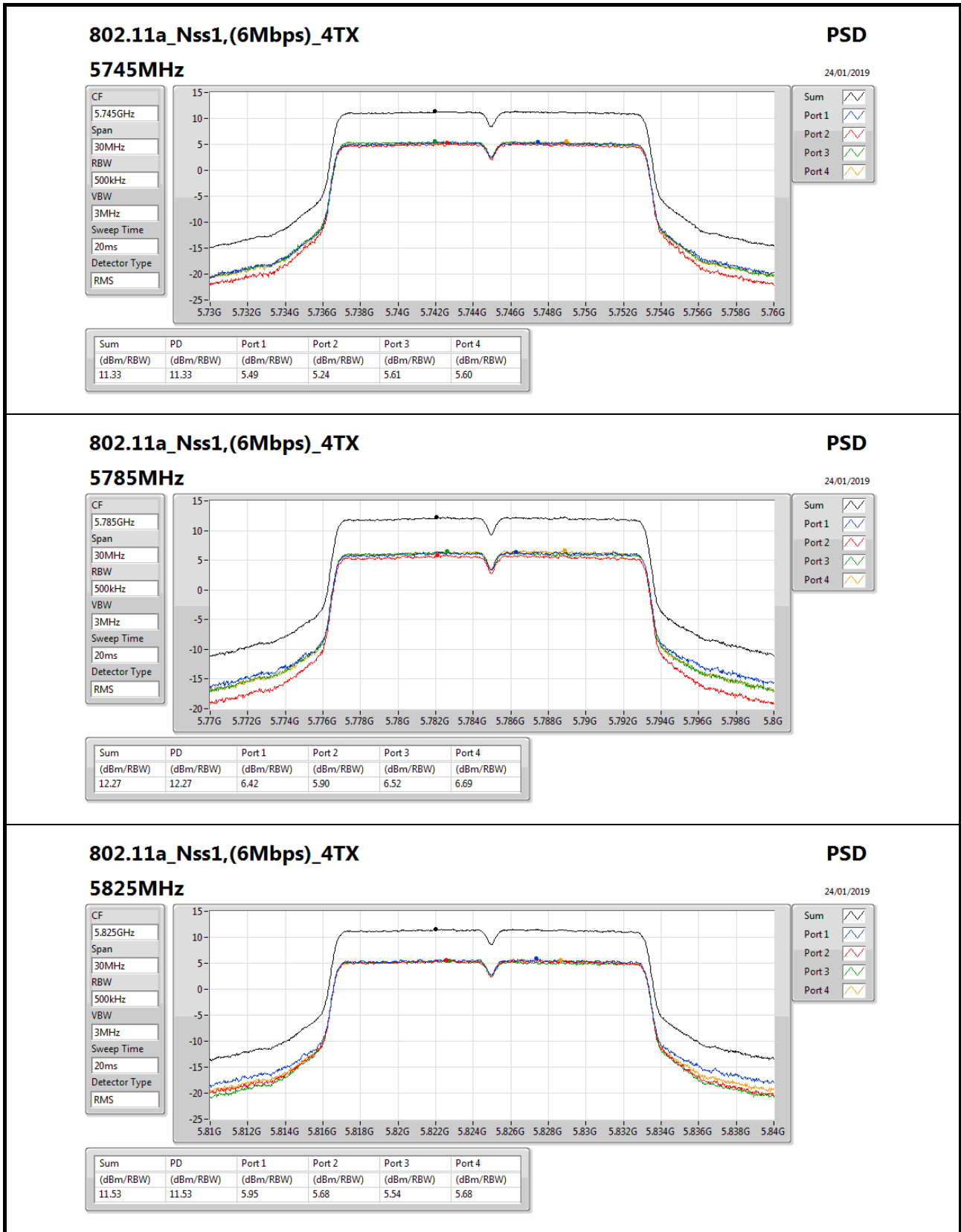
**Result**

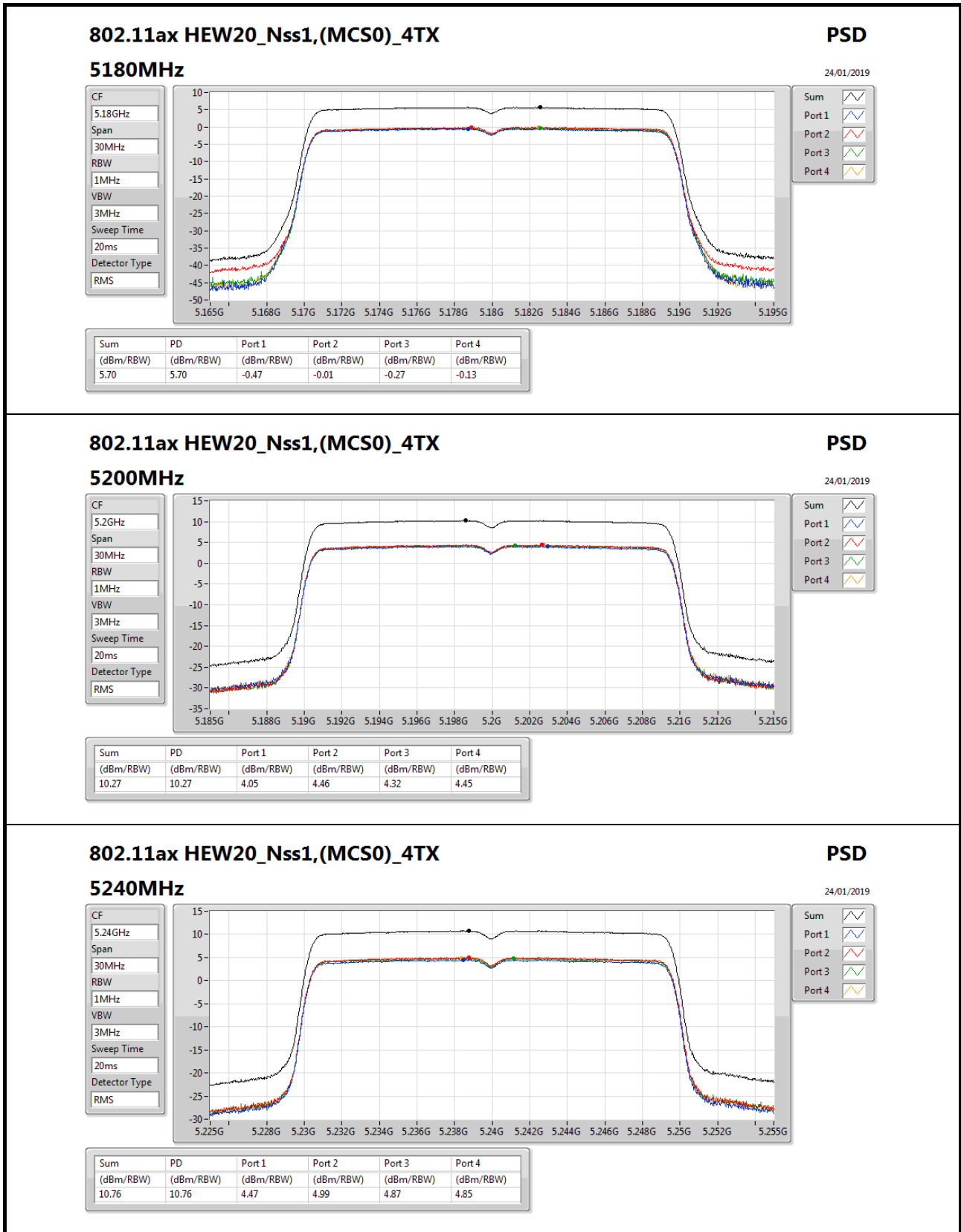
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	12.02	-0.22	0.50	0.38	0.62	6.22	10.98
5200MHz	Pass	12.02	4.59	5.22	5.10	4.88	10.86	10.98
5240MHz	Pass	12.02	4.67	4.93	4.87	5.02	10.80	10.98
5745MHz	Pass	12.02	5.49	5.24	5.61	5.60	11.33	23.98
5785MHz	Pass	12.02	6.42	5.90	6.52	6.69	12.27	23.98
5825MHz	Pass	12.02	5.95	5.68	5.54	5.68	11.53	23.98
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	12.02	-0.47	-0.01	-0.27	-0.13	5.70	10.98
5200MHz	Pass	12.02	4.05	4.46	4.32	4.45	10.27	10.98
5240MHz	Pass	12.02	4.47	4.99	4.87	4.85	10.76	10.98
5745MHz	Pass	12.02	5.91	5.60	6.15	5.95	11.82	23.98
5785MHz	Pass	12.02	6.04	5.68	6.31	6.38	12.00	23.98
5825MHz	Pass	12.02	4.77	4.01	4.33	4.71	10.40	23.98
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	12.02	-6.25	-5.28	-5.31	-6.36	0.21	10.98
5230MHz	Pass	12.02	0.11	0.36	0.41	-0.07	6.17	10.98
5755MHz	Pass	12.02	1.51	0.37	1.17	1.12	7.07	23.98
5795MHz	Pass	12.02	2.75	1.85	2.32	2.72	8.36	23.98
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	12.02	-9.23	-8.34	-8.28	-8.87	-2.78	10.98
5775MHz	Pass	12.02	-4.59	-5.65	-5.27	-5.22	0.67	23.98

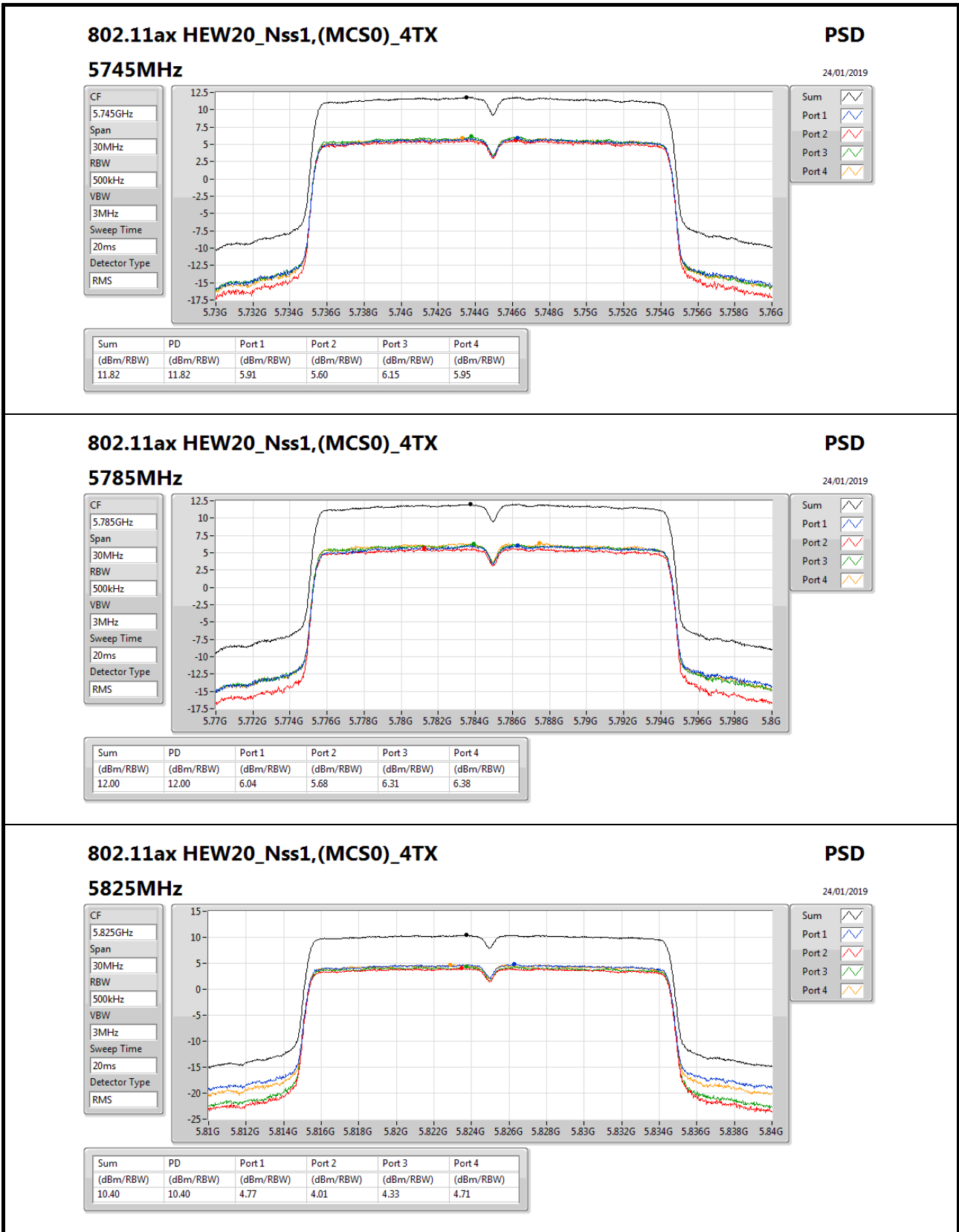
**DG** = Directional Gain; **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;  
**PD** = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port Xpower density;

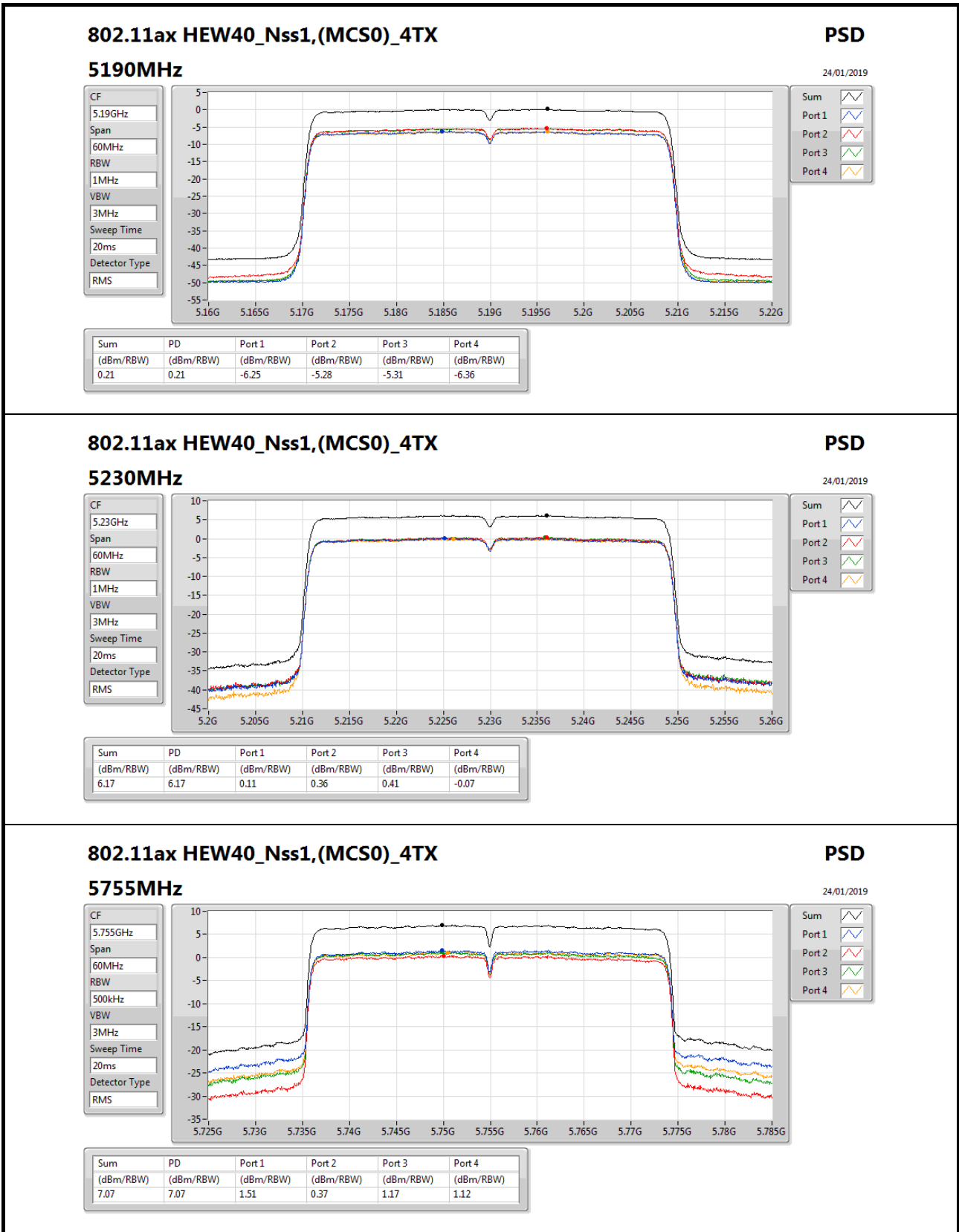


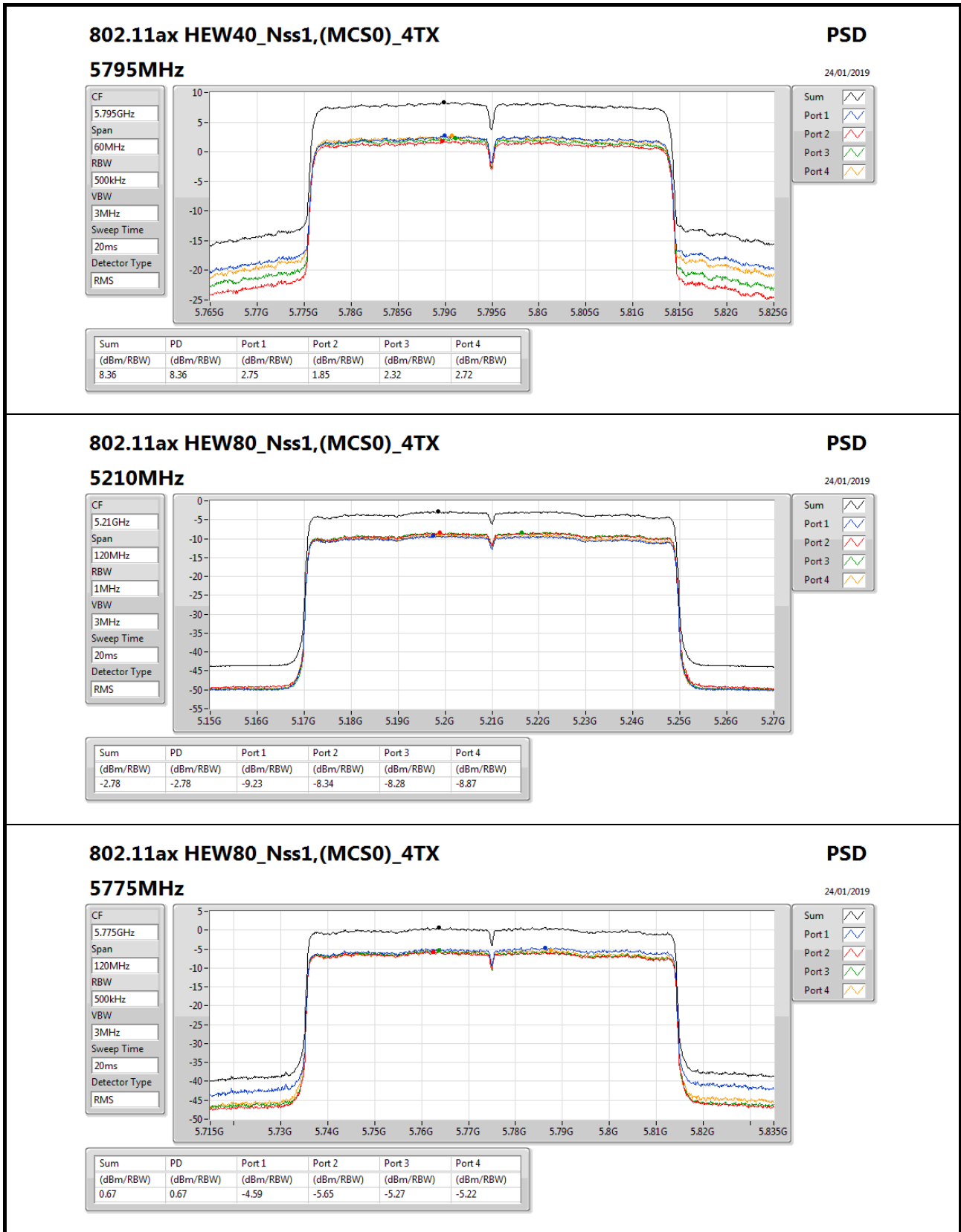














**For Beamforming / 4T1S mode  
Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	10.92
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	7.93
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	0.50
5.725-5.85GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	9.73
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	7.03
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	1.91

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



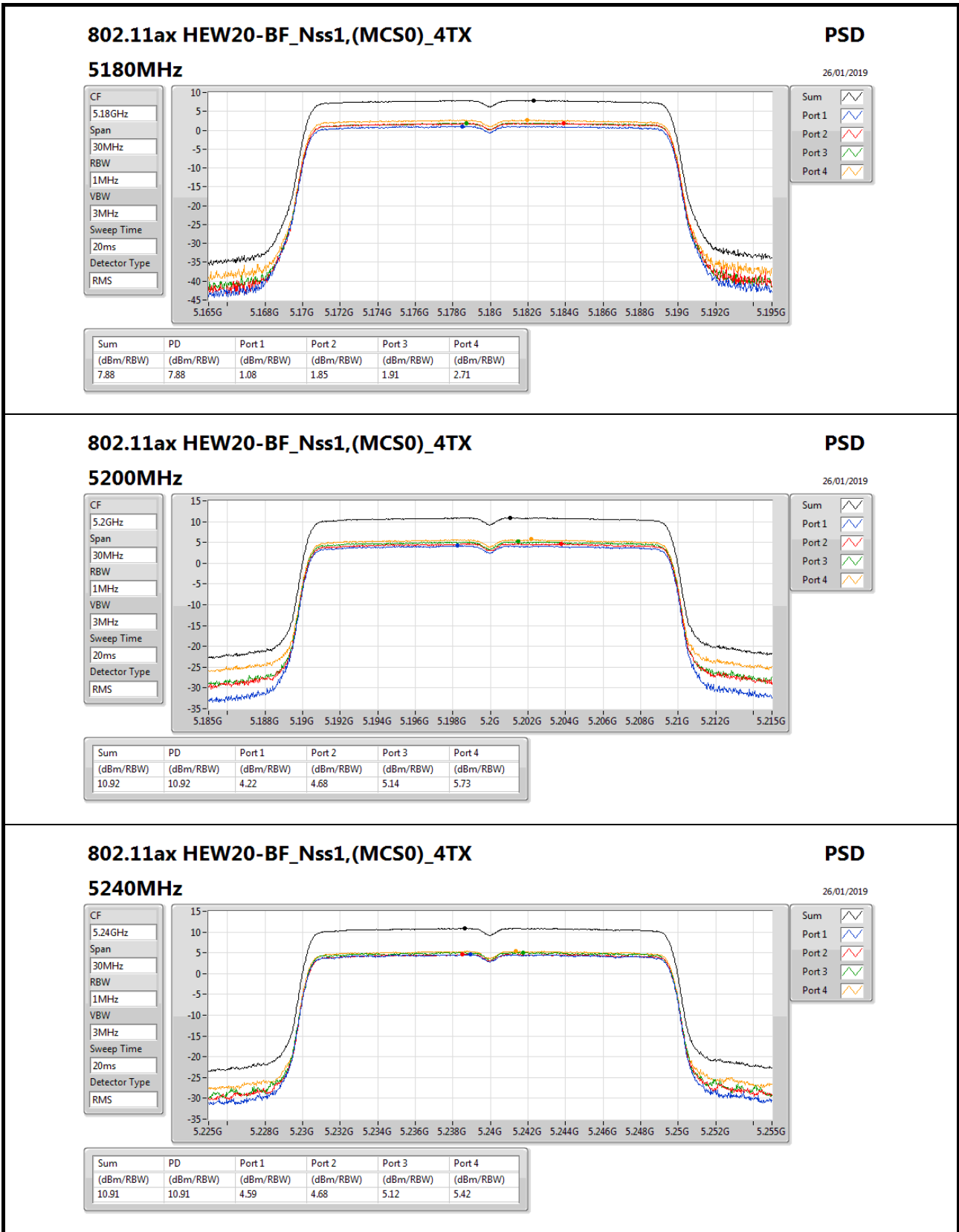
**PSD Result\_Radio 2**

**Result**

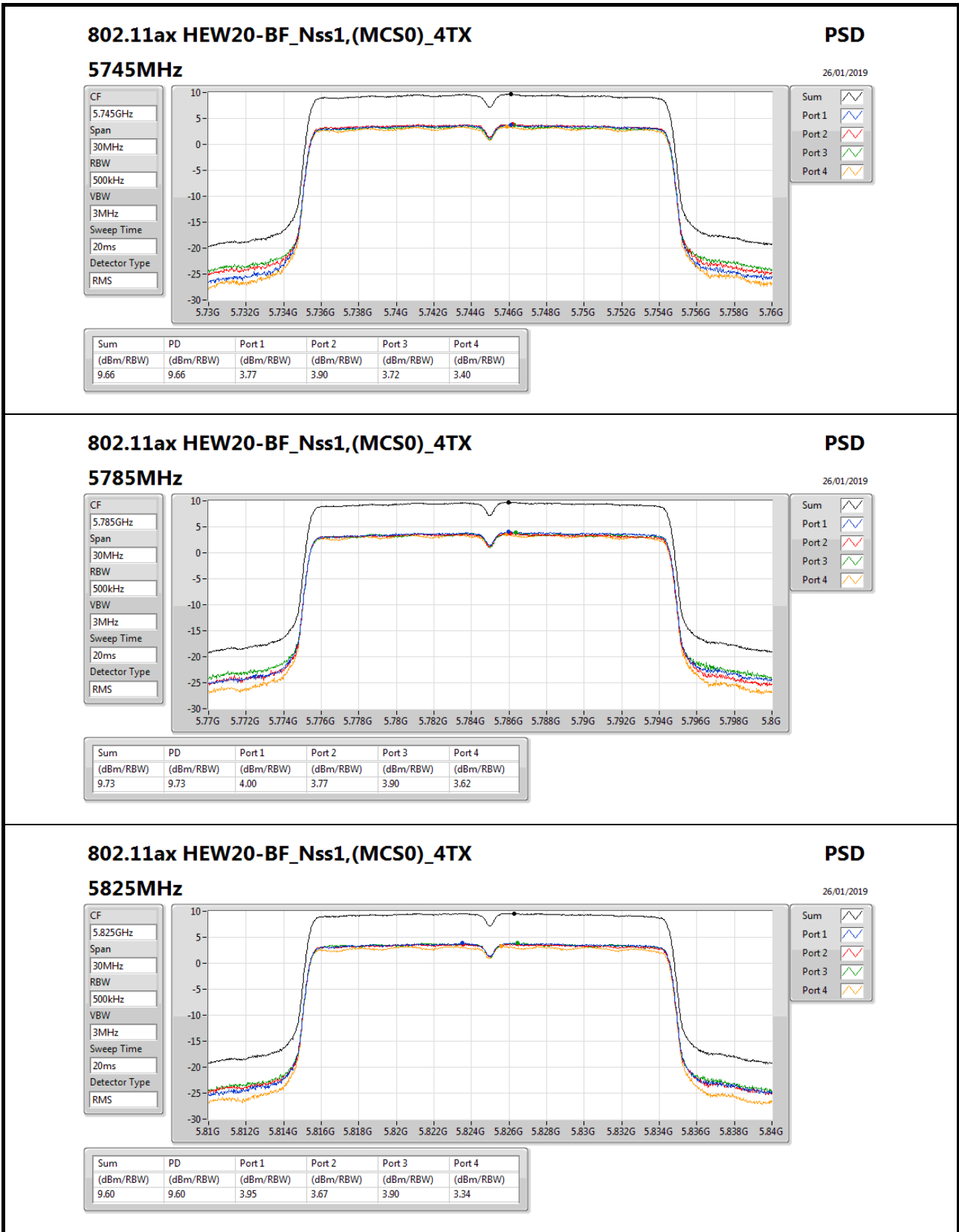
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	12.02	1.08	1.85	1.91	2.71	7.88	10.98
5200MHz	Pass	12.02	4.22	4.68	5.14	5.73	10.92	10.98
5240MHz	Pass	12.02	4.59	4.68	5.12	5.42	10.91	10.98
5745MHz	Pass	12.02	3.77	3.90	3.72	3.40	9.66	23.98
5785MHz	Pass	12.02	4.00	3.77	3.90	3.62	9.73	23.98
5825MHz	Pass	12.02	3.95	3.67	3.90	3.34	9.60	23.98
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	12.02	-3.10	-1.97	-2.27	-2.68	3.45	10.98
5230MHz	Pass	12.02	1.82	2.05	2.05	2.07	7.93	10.98
5755MHz	Pass	12.02	1.48	1.36	0.76	0.57	6.95	23.98
5795MHz	Pass	12.02	1.49	1.28	1.05	0.67	7.03	23.98
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	12.02	-6.24	-5.10	-5.00	-5.45	0.50	10.98
5775MHz	Pass	12.02	-3.84	-3.67	-4.21	-4.27	1.91	23.98

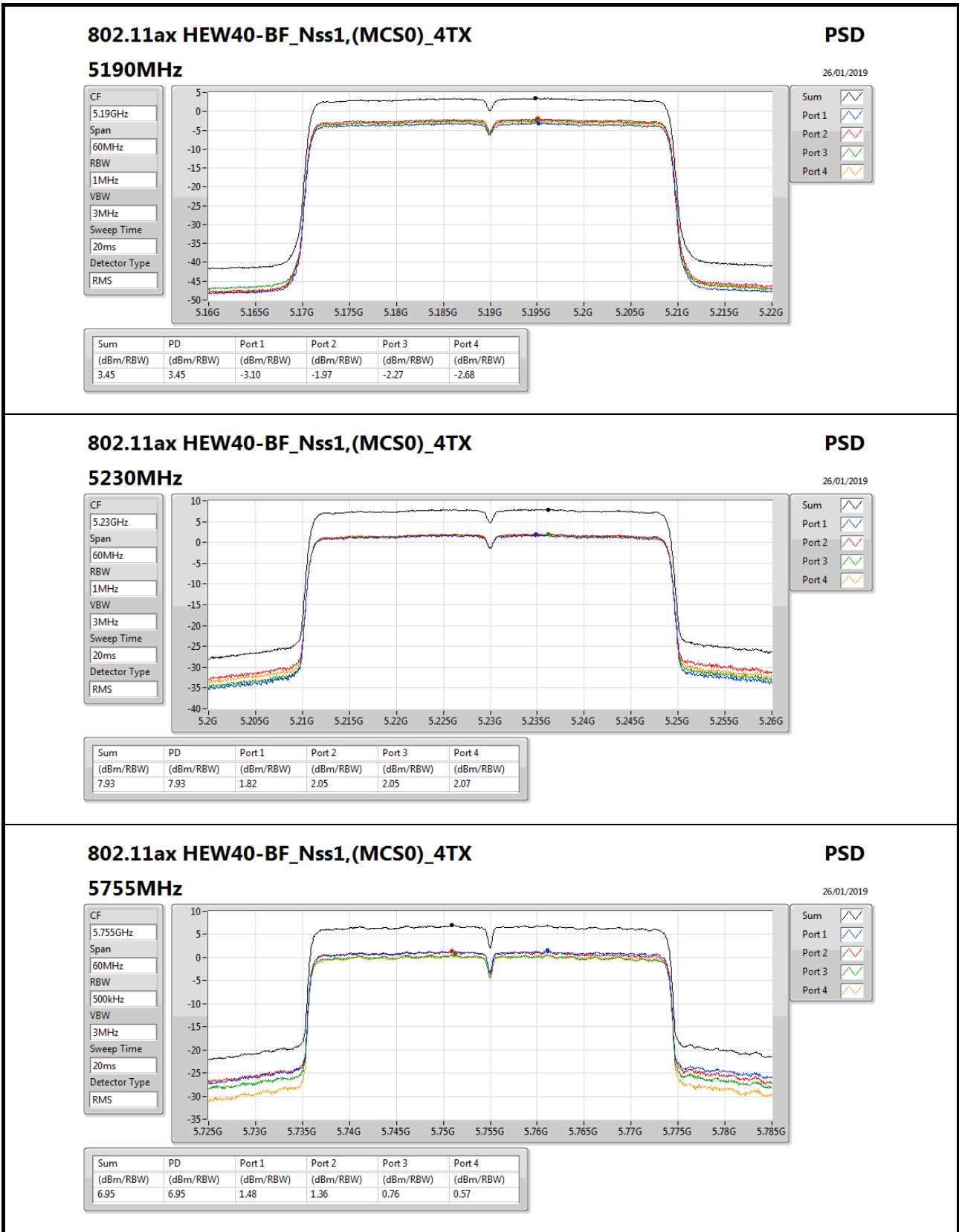
**DG** = Directional Gain; **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

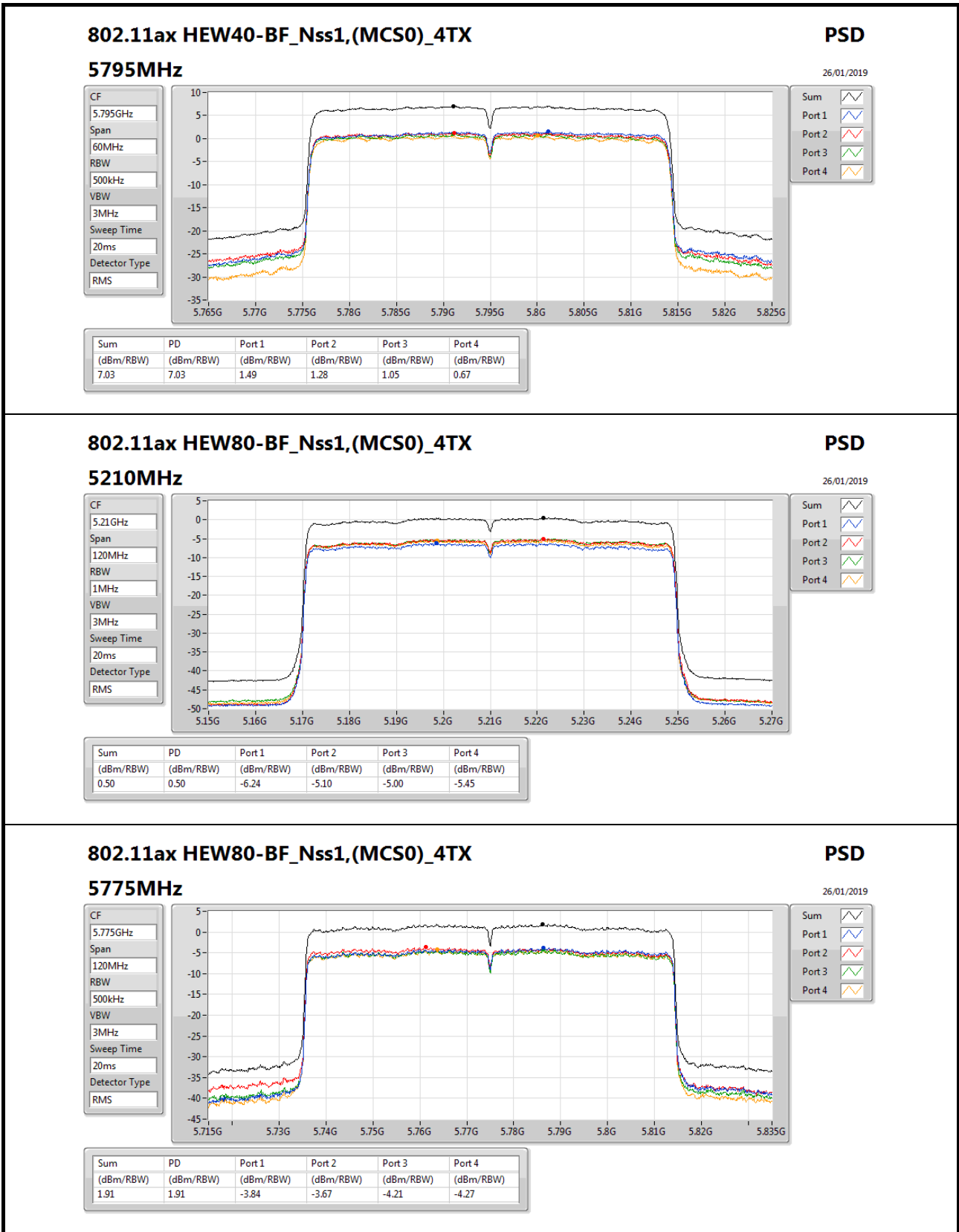
**PD** = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port Xpower density;













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

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20_Nss4,(MCS0)_4TX	11.86
802.11ax HEW40_Nss4,(MCS0)_4TX	6.37
802.11ax HEW80_Nss4,(MCS0)_4TX	-2.29
5.725-5.85GHz	-
802.11ax HEW20_Nss4,(MCS0)_4TX	12.29
802.11ax HEW40_Nss4,(MCS0)_4TX	8.63
802.11ax HEW80_Nss4,(MCS0)_4TX	1.90

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



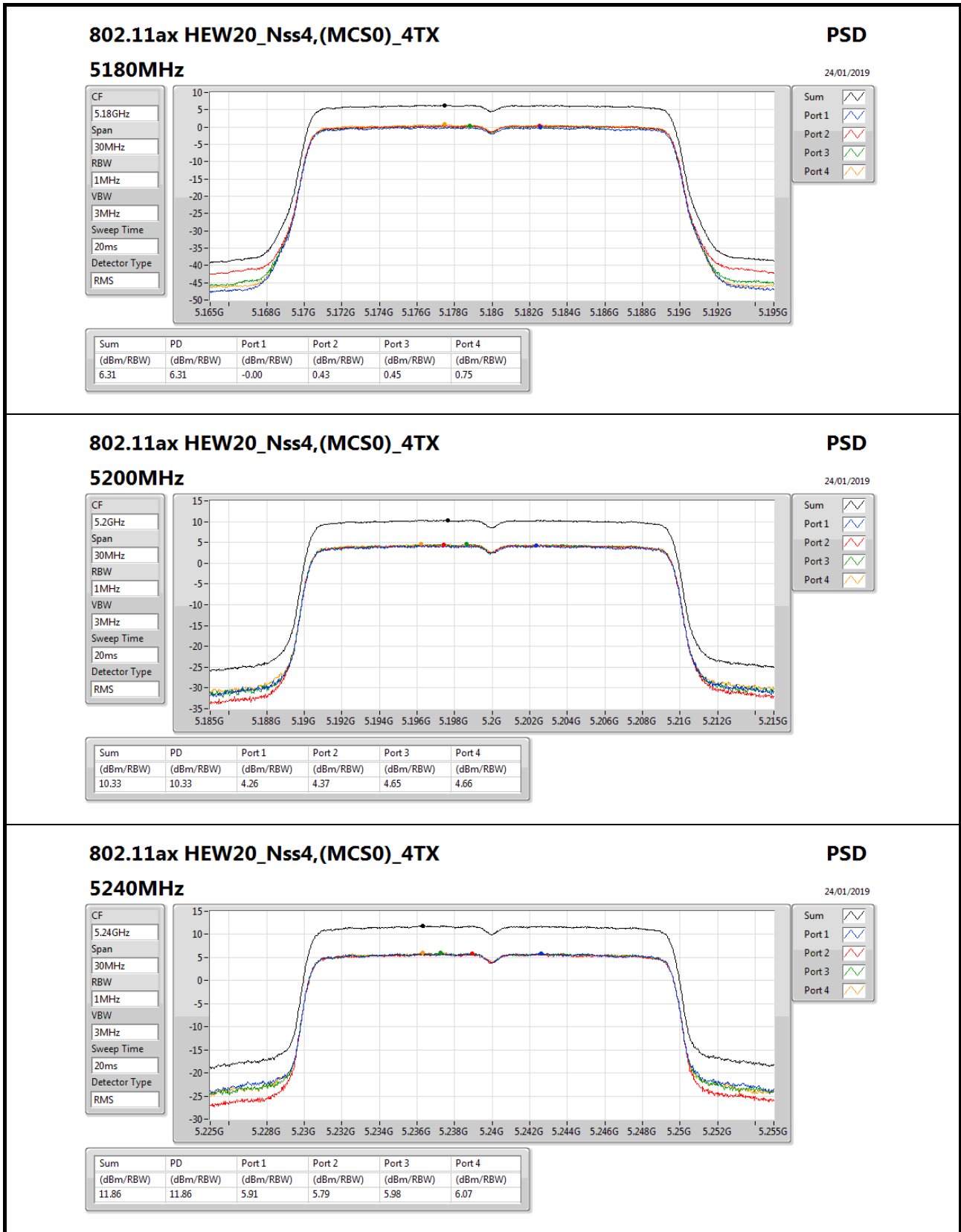
**PSD Result\_Radio 2**

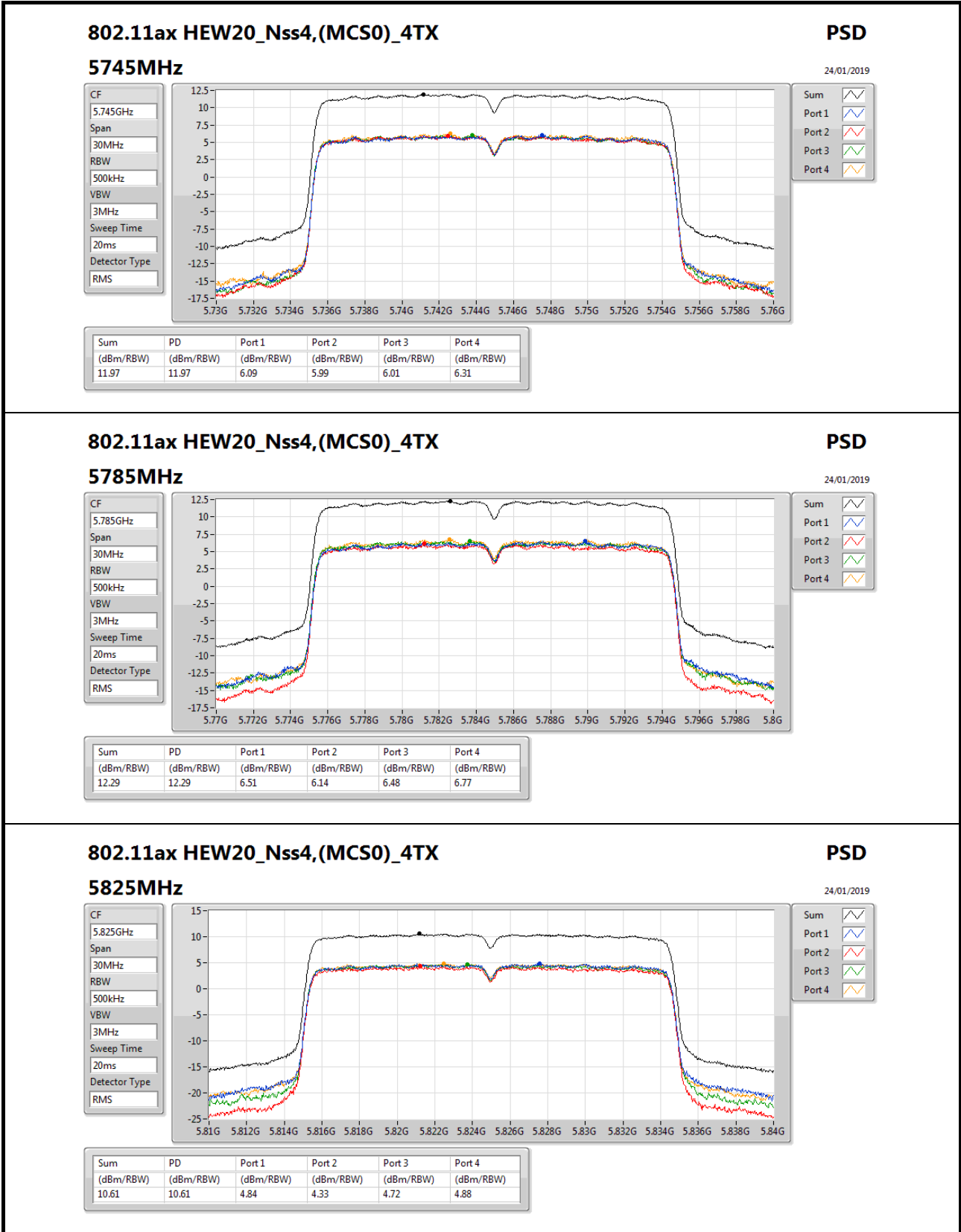
**Result**

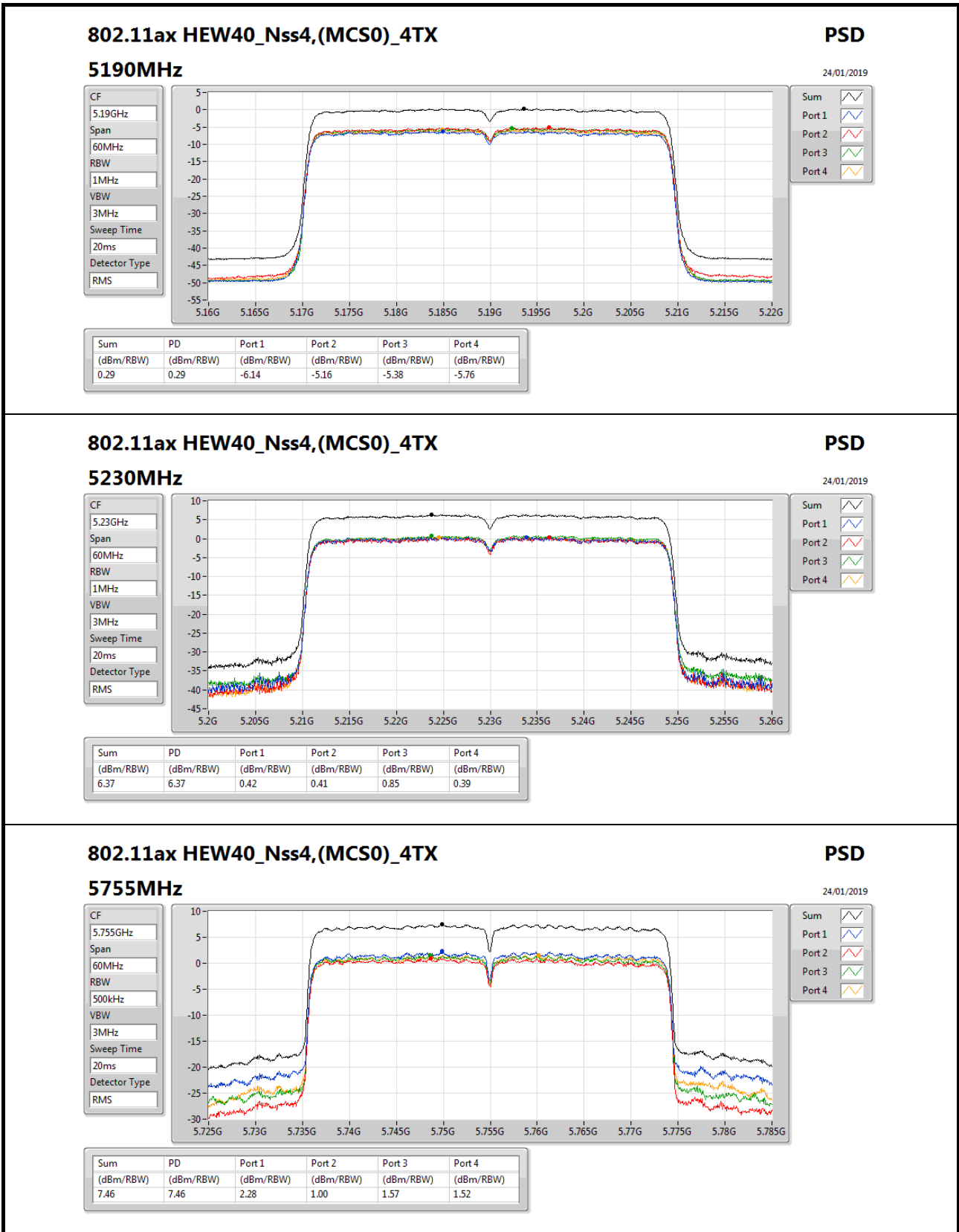
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.00	-0.00	0.43	0.45	0.75	6.31	17.00
5200MHz	Pass	6.00	4.26	4.37	4.65	4.66	10.33	17.00
5240MHz	Pass	6.00	5.91	5.79	5.98	6.07	11.86	17.00
5745MHz	Pass	6.00	6.09	5.99	6.01	6.31	11.97	30.00
5785MHz	Pass	6.00	6.51	6.14	6.48	6.77	12.29	30.00
5825MHz	Pass	6.00	4.84	4.33	4.72	4.88	10.61	30.00
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	6.00	-6.14	-5.16	-5.38	-5.76	0.29	17.00
5230MHz	Pass	6.00	0.42	0.41	0.85	0.39	6.37	17.00
5755MHz	Pass	6.00	2.28	1.00	1.57	1.52	7.46	30.00
5795MHz	Pass	6.00	3.26	2.11	2.73	2.97	8.63	30.00
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	6.00	-8.63	-7.85	-7.47	-8.67	-2.29	17.00
5775MHz	Pass	6.00	-3.53	-4.16	-4.01	-4.23	1.90	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 HEW40\_Nss4,(MCS0)\_4TX

#### 5755MHz

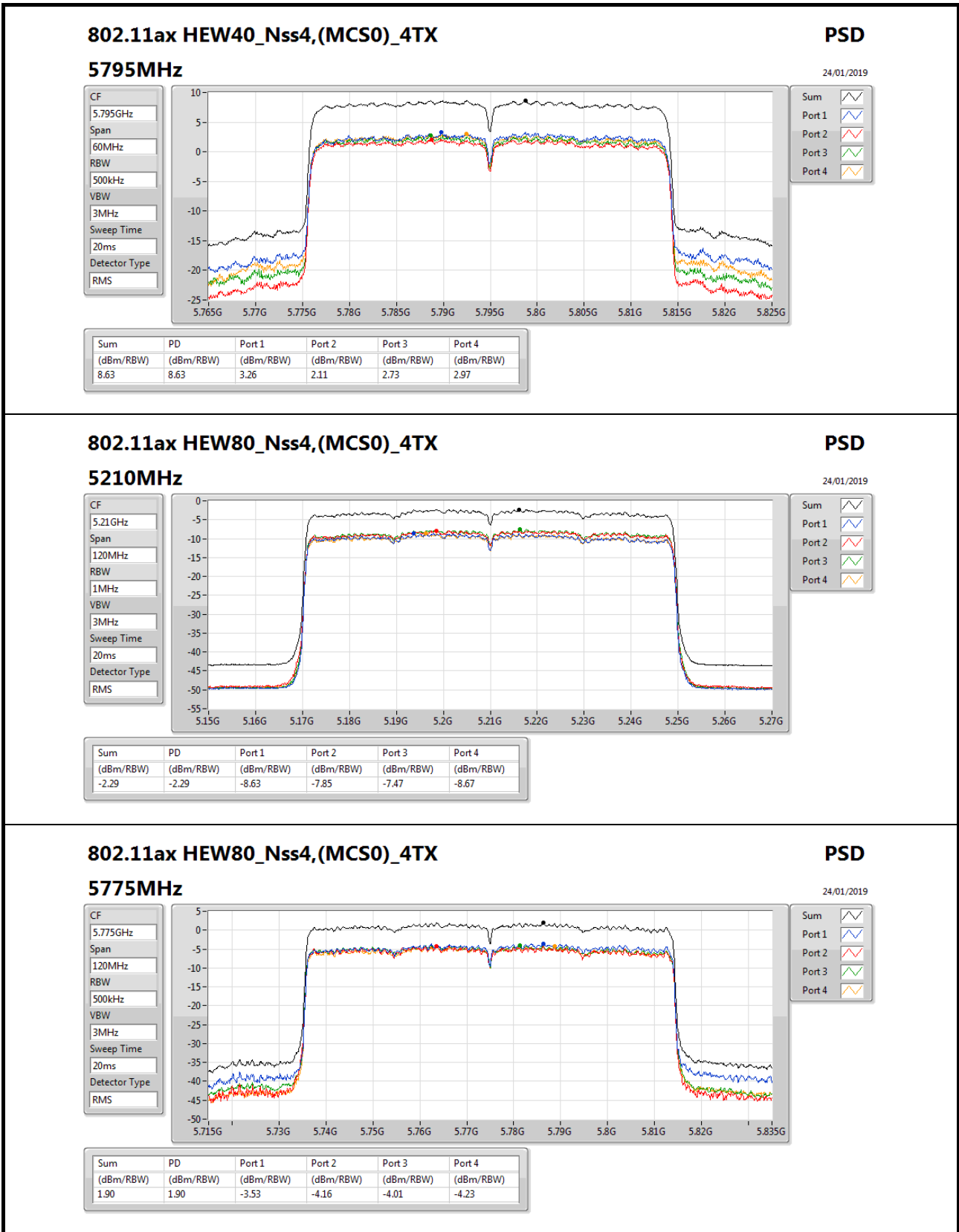
**PSD**

24/01/2019

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.46	7.46	2.28	1.00	1.57	1.52

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	6.21
802.11ax HEW20_Nss1,(MCS0)_1TX	7.01
802.11ax HEW40_Nss1,(MCS0)_1TX	3.04
802.11ax HEW80_Nss1,(MCS0)_1TX	-3.70
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	8.03
802.11ax HEW20_Nss1,(MCS0)_1TX	5.91
802.11ax HEW40_Nss1,(MCS0)_1TX	4.18
802.11ax HEW80_Nss1,(MCS0)_1TX	-0.91

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

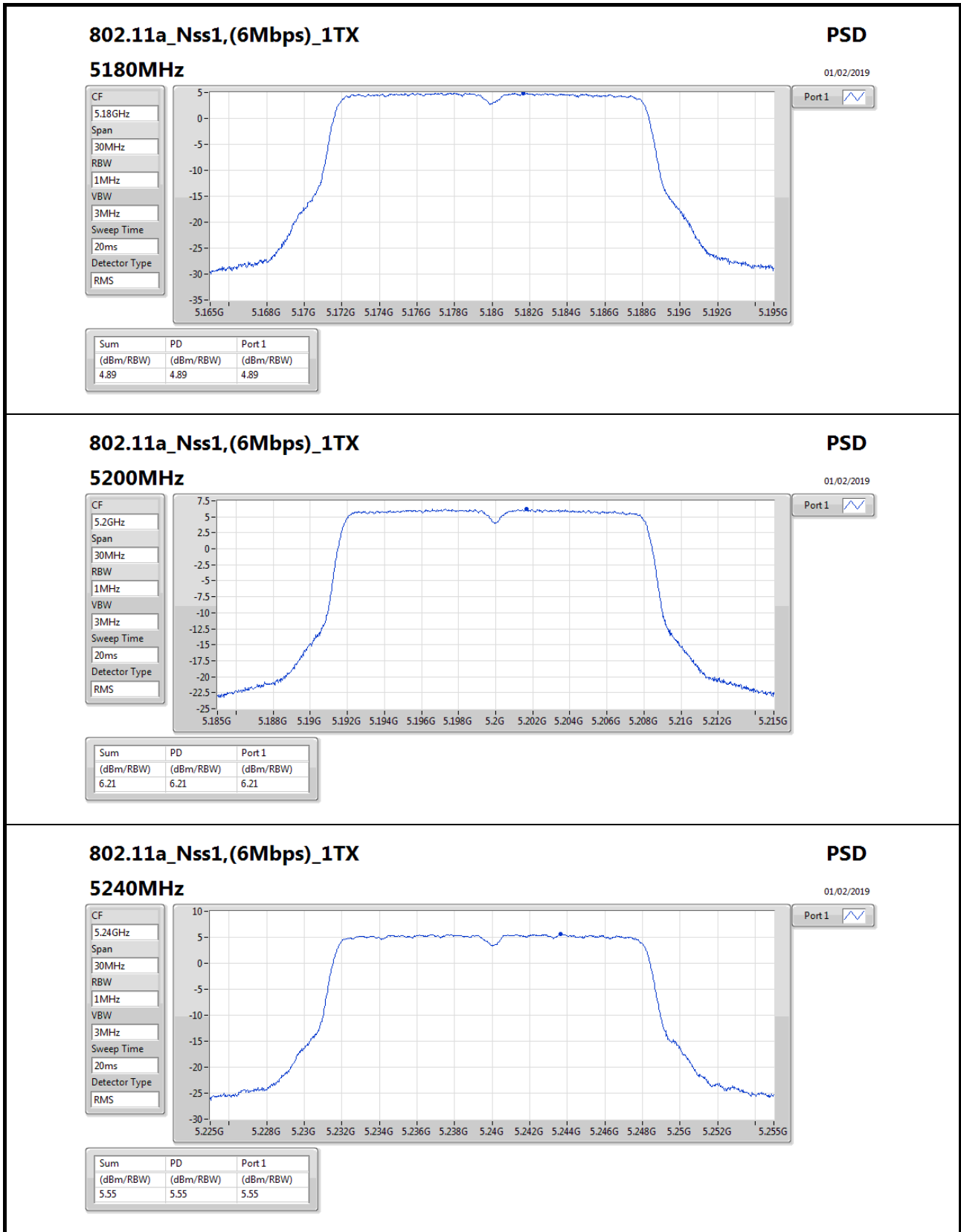


**PSD Result\_Radio 2**

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	8.70	4.89	4.89	14.30
5200MHz	Pass	8.70	6.21	6.21	14.30
5240MHz	Pass	8.70	5.55	5.55	14.30
5745MHz	Pass	8.70	6.86	6.86	27.30
5785MHz	Pass	8.70	8.03	8.03	27.30
5825MHz	Pass	8.70	8.03	8.03	27.30
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	8.70	3.18	3.18	14.30
5200MHz	Pass	8.70	7.01	7.01	14.30
5240MHz	Pass	8.70	6.13	6.13	14.30
5745MHz	Pass	8.70	4.89	4.89	27.30
5785MHz	Pass	8.70	5.91	5.91	27.30
5825MHz	Pass	8.70	5.87	5.87	27.30
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	8.70	-0.59	-0.59	14.30
5230MHz	Pass	8.70	3.04	3.04	14.30
5755MHz	Pass	8.70	3.84	3.84	27.30
5795MHz	Pass	8.70	4.18	4.18	27.30
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	8.70	-3.70	-3.70	14.30
5775MHz	Pass	8.70	-0.91	-0.91	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;



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

#### 5240MHz

**PSD**  
01/02/2019

CF  
5.24GHz

Span  
30MHz

RBW  
1MHz

VBW  
3MHz

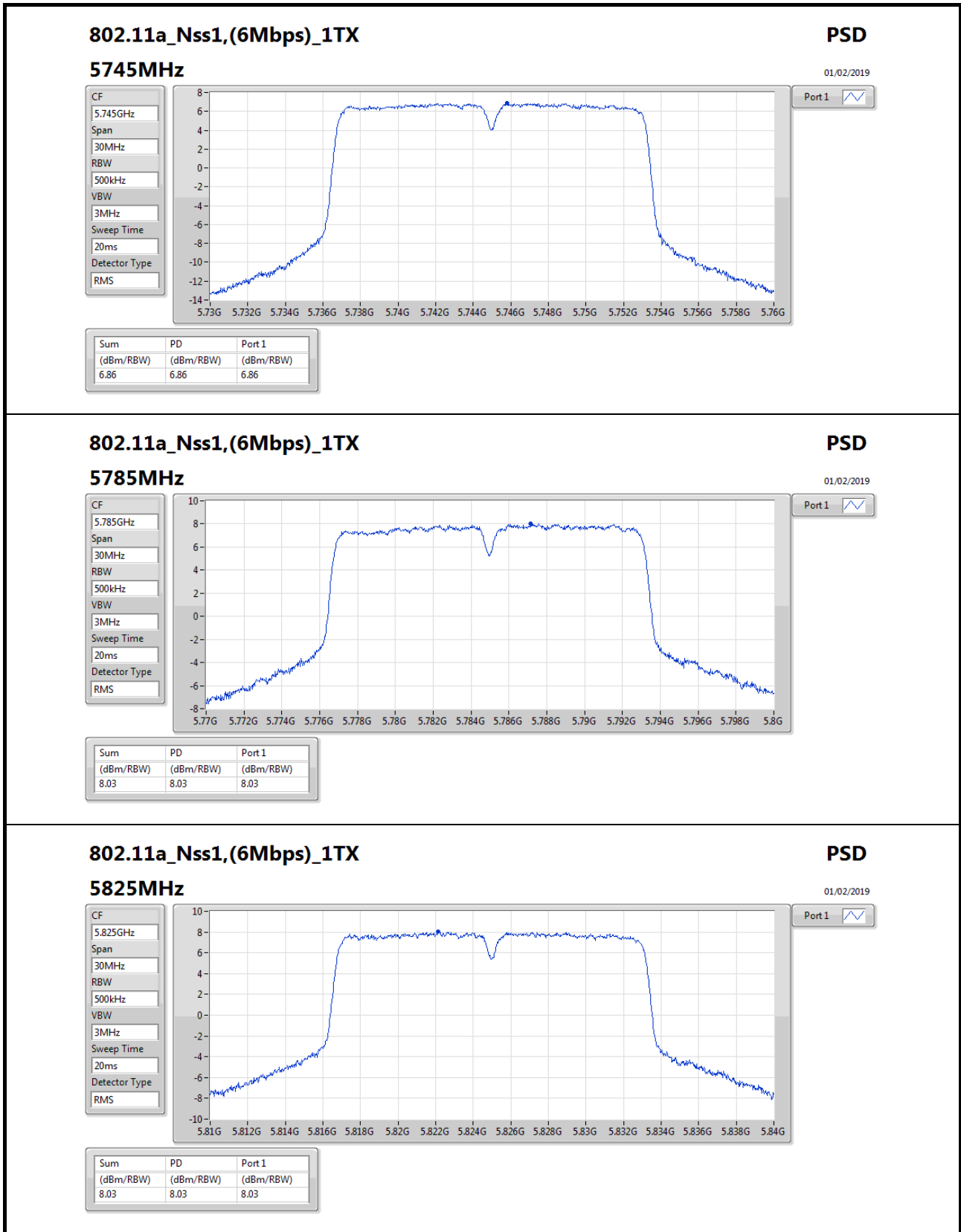
Sweep Time  
20ms

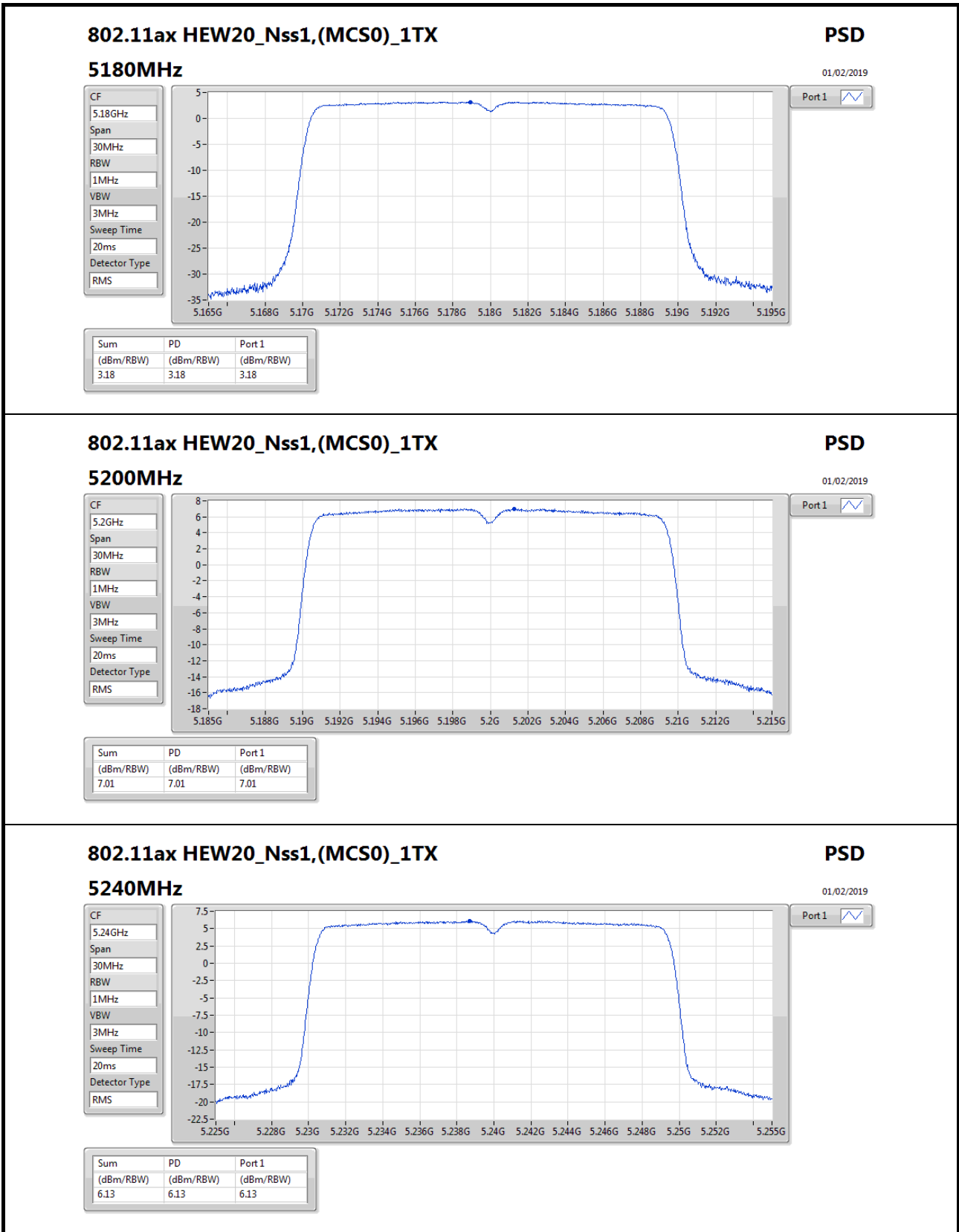
Detector Type  
RMS

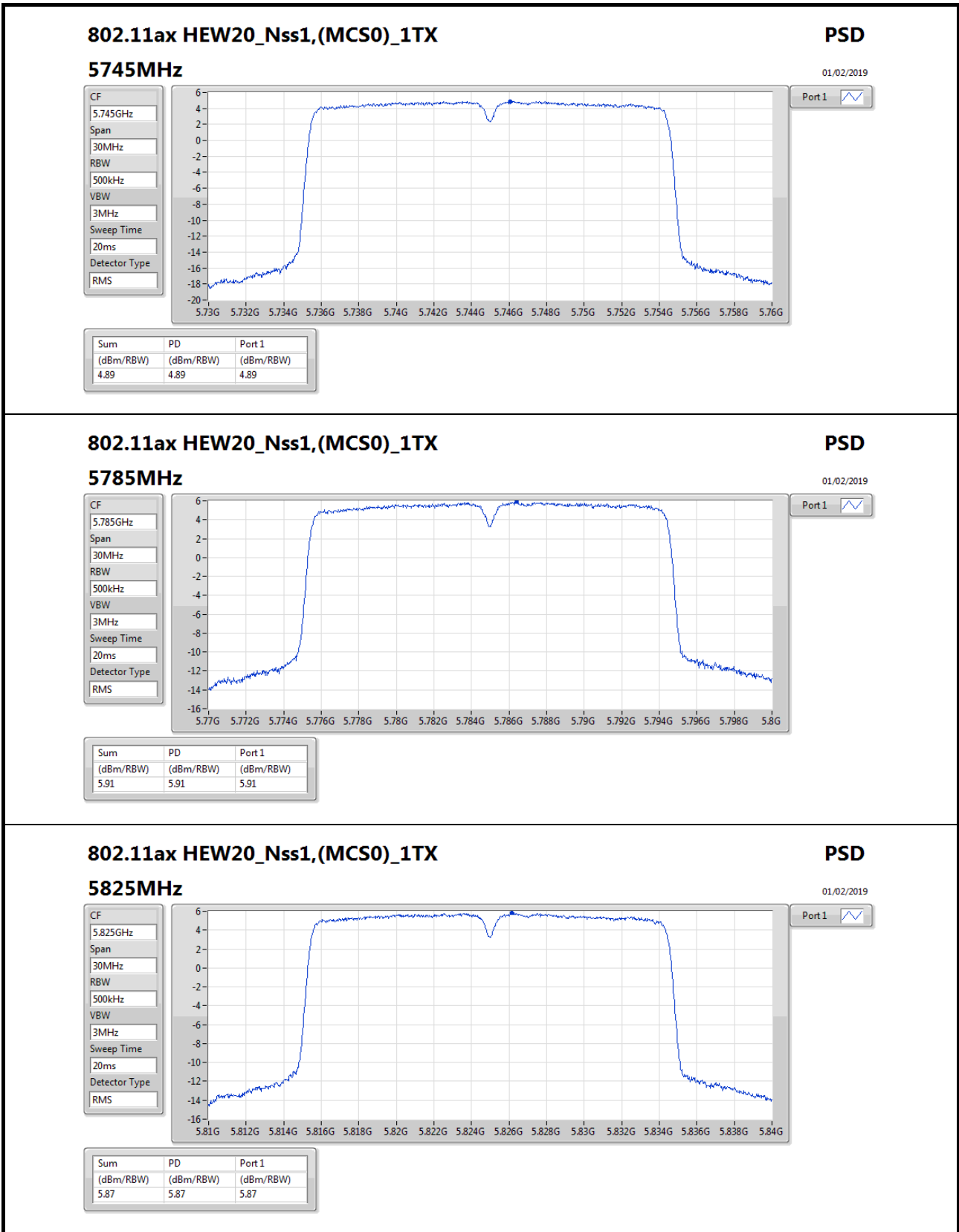


Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.55	5.55	5.55







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

#### 5825MHz

### PSD

01/02/2019

CF  
5.825GHz

Span  
30MHz

RBW  
500kHz

VBW  
3MHz

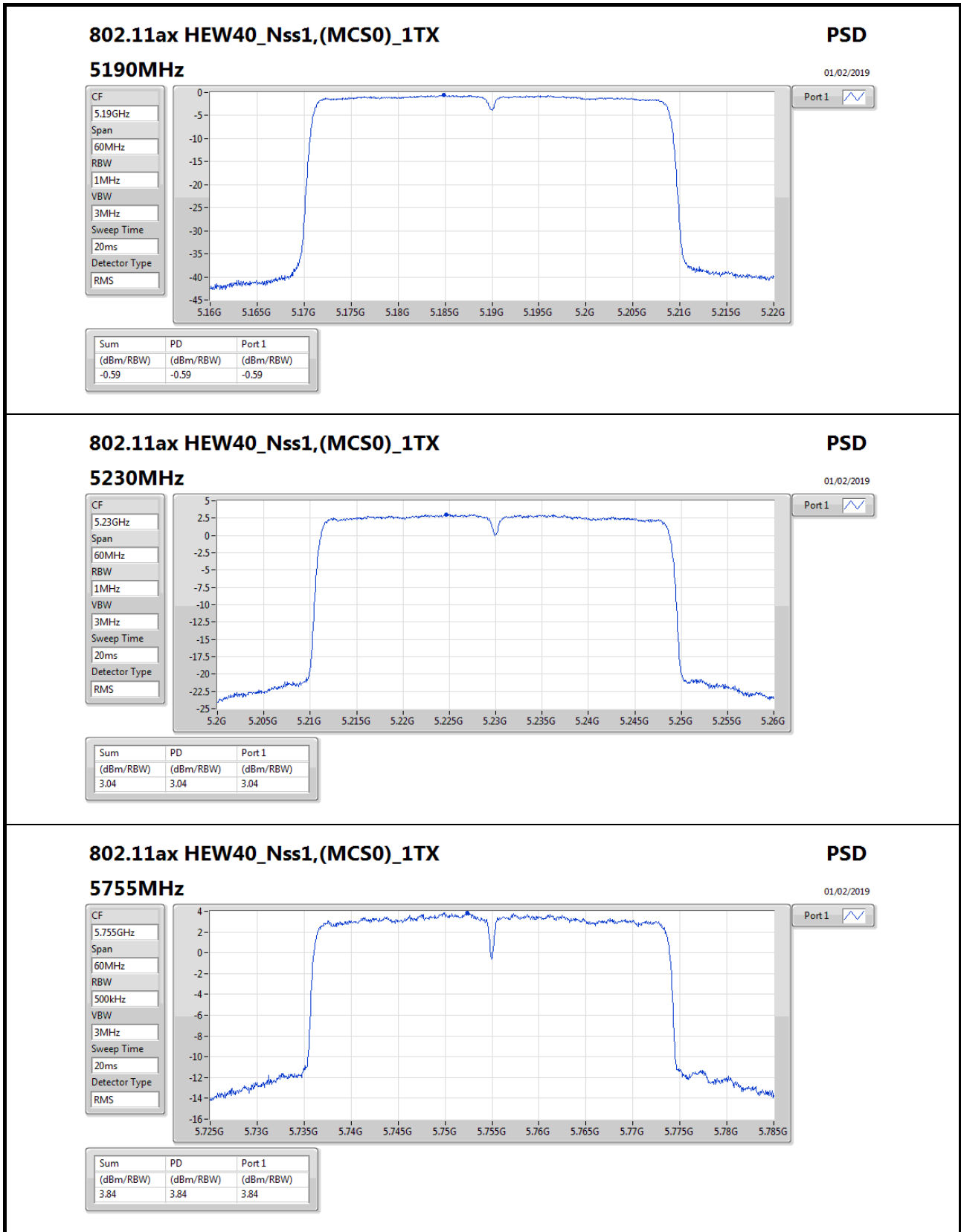
Sweep Time  
20ms

Detector Type  
RMS

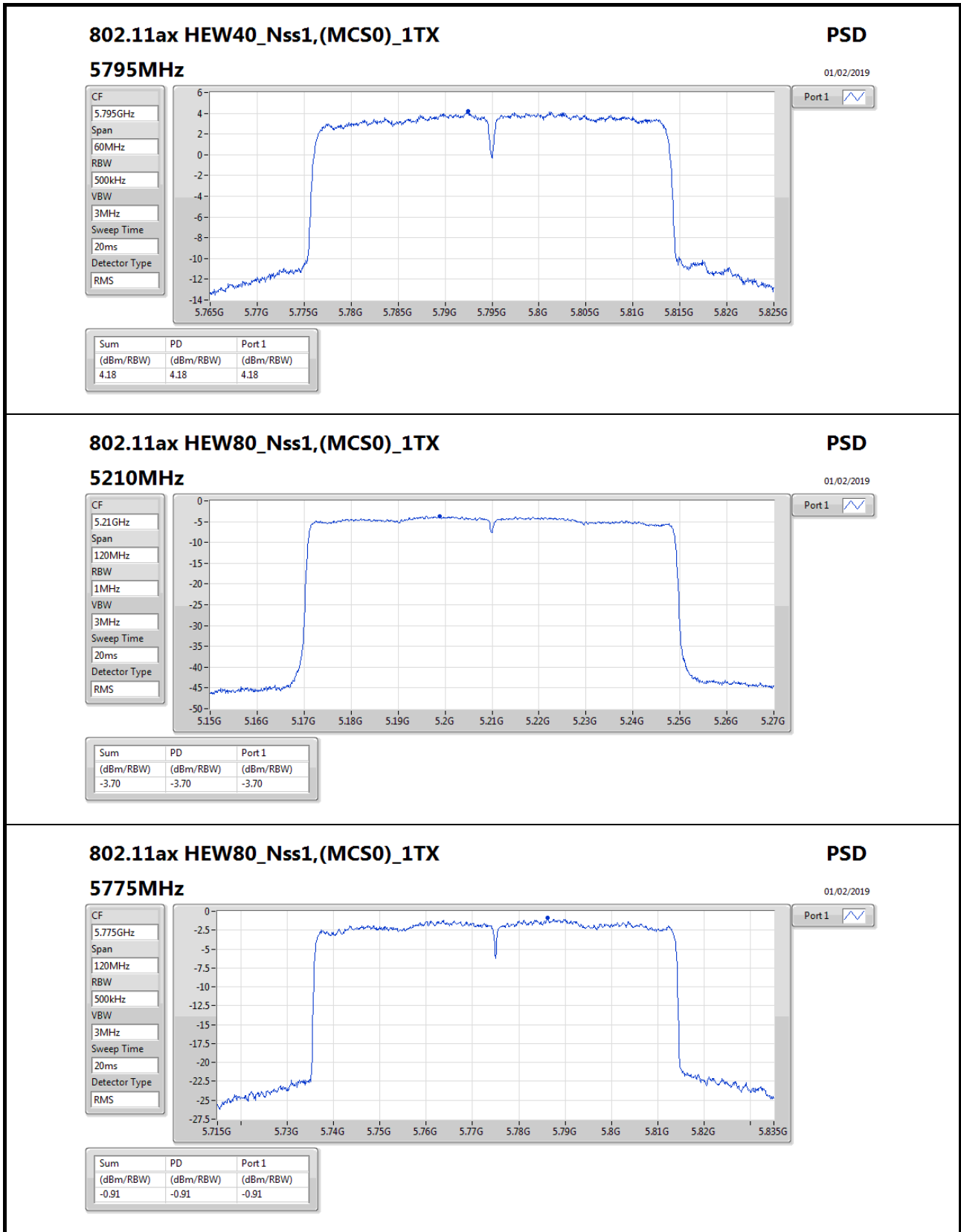


Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.87	5.87	5.87







### 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	8.98
802.11ax HEW40_Nss2,(MCS0)_2TX	5.51
802.11ax HEW80_Nss2,(MCS0)_2TX	-2.69
5.725-5.85GHz	-
802.11ax HEW20_Nss2,(MCS0)_2TX	8.47
802.11ax HEW40_Nss2,(MCS0)_2TX	6.57
802.11ax HEW80_Nss2,(MCS0)_2TX	0.06

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



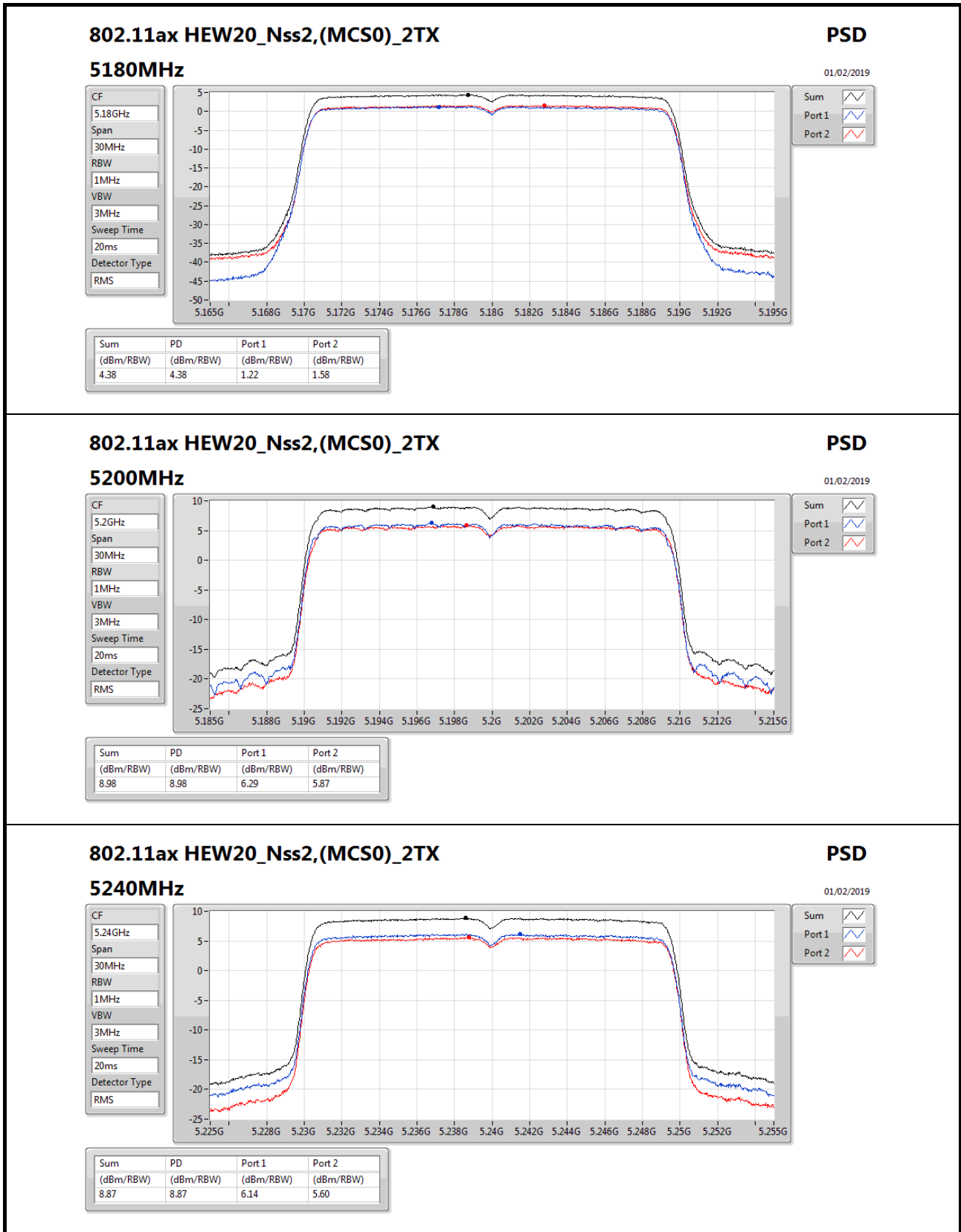
**PSD Result\_Radio 2**

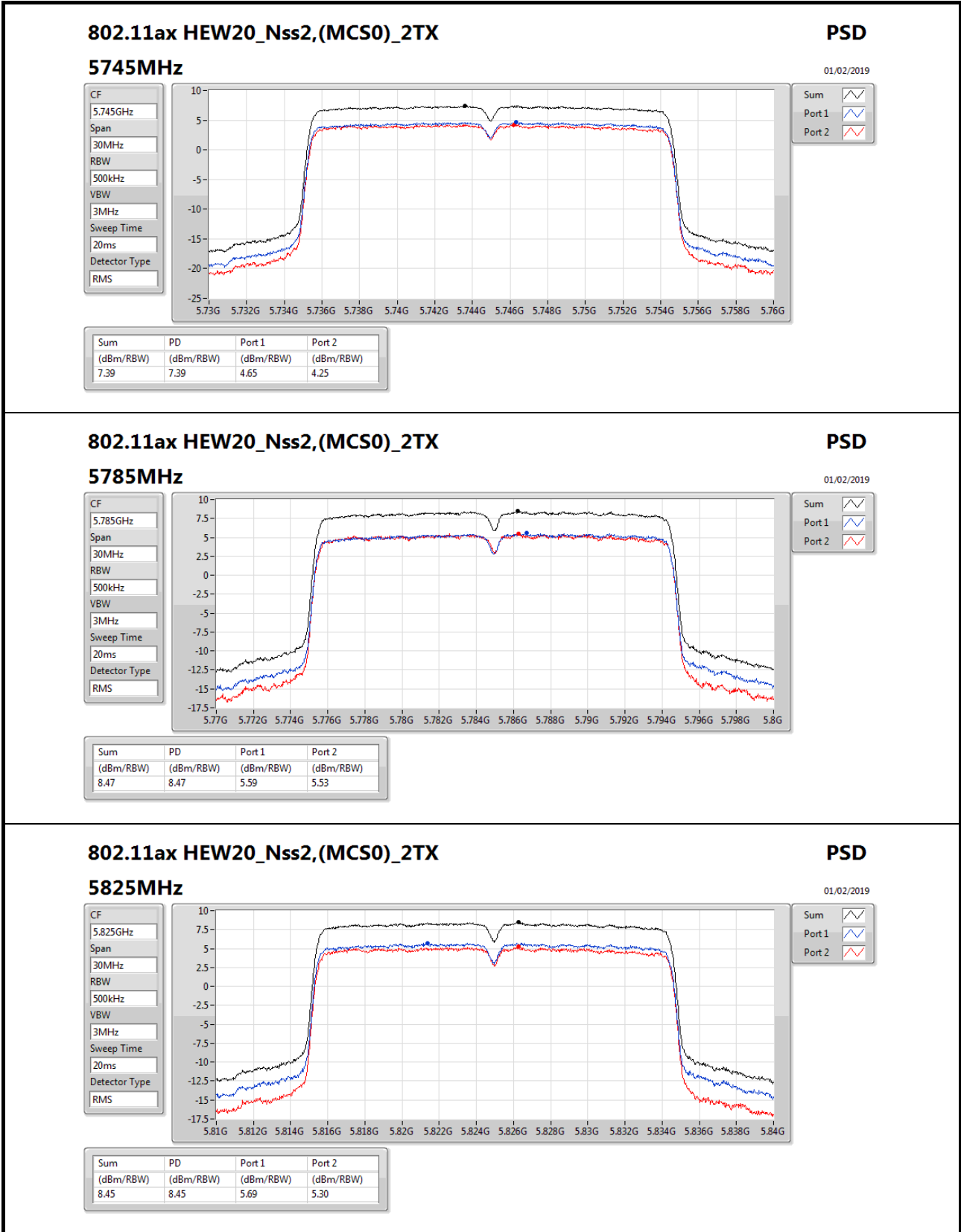
**Result**

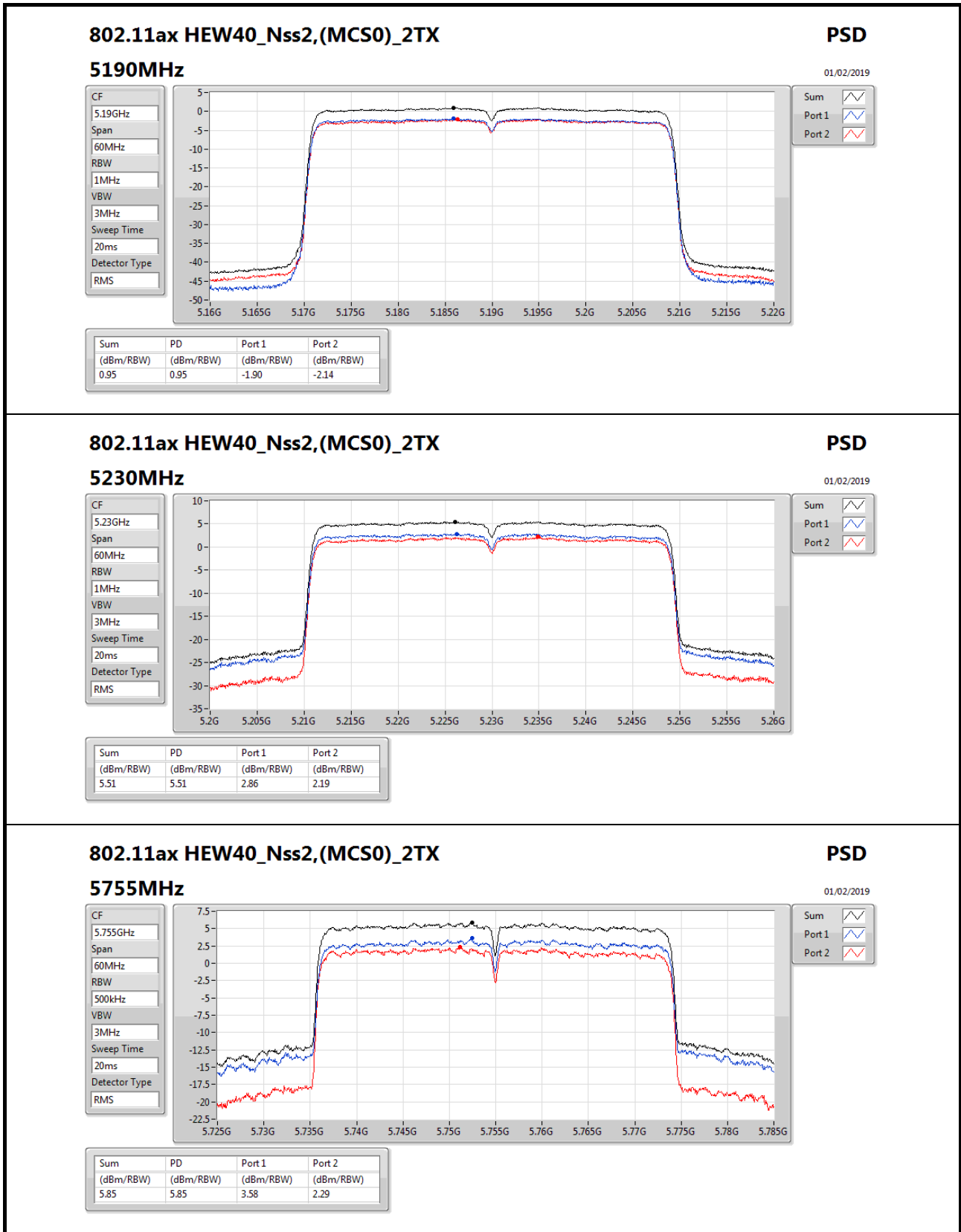
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	8.70	1.22	1.58	4.38	14.30
5200MHz	Pass	8.70	6.29	5.87	8.98	14.30
5240MHz	Pass	8.70	6.14	5.60	8.87	14.30
5745MHz	Pass	8.70	4.65	4.25	7.39	27.30
5785MHz	Pass	8.70	5.59	5.53	8.47	27.30
5825MHz	Pass	8.70	5.69	5.30	8.45	27.30
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	8.70	-1.90	-2.14	0.95	14.30
5230MHz	Pass	8.70	2.86	2.19	5.51	14.30
5755MHz	Pass	8.70	3.58	2.29	5.85	27.30
5795MHz	Pass	8.70	4.20	3.12	6.57	27.30
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	8.70	-5.63	-5.53	-2.69	14.30
5775MHz	Pass	8.70	-2.47	-3.39	0.06	27.30

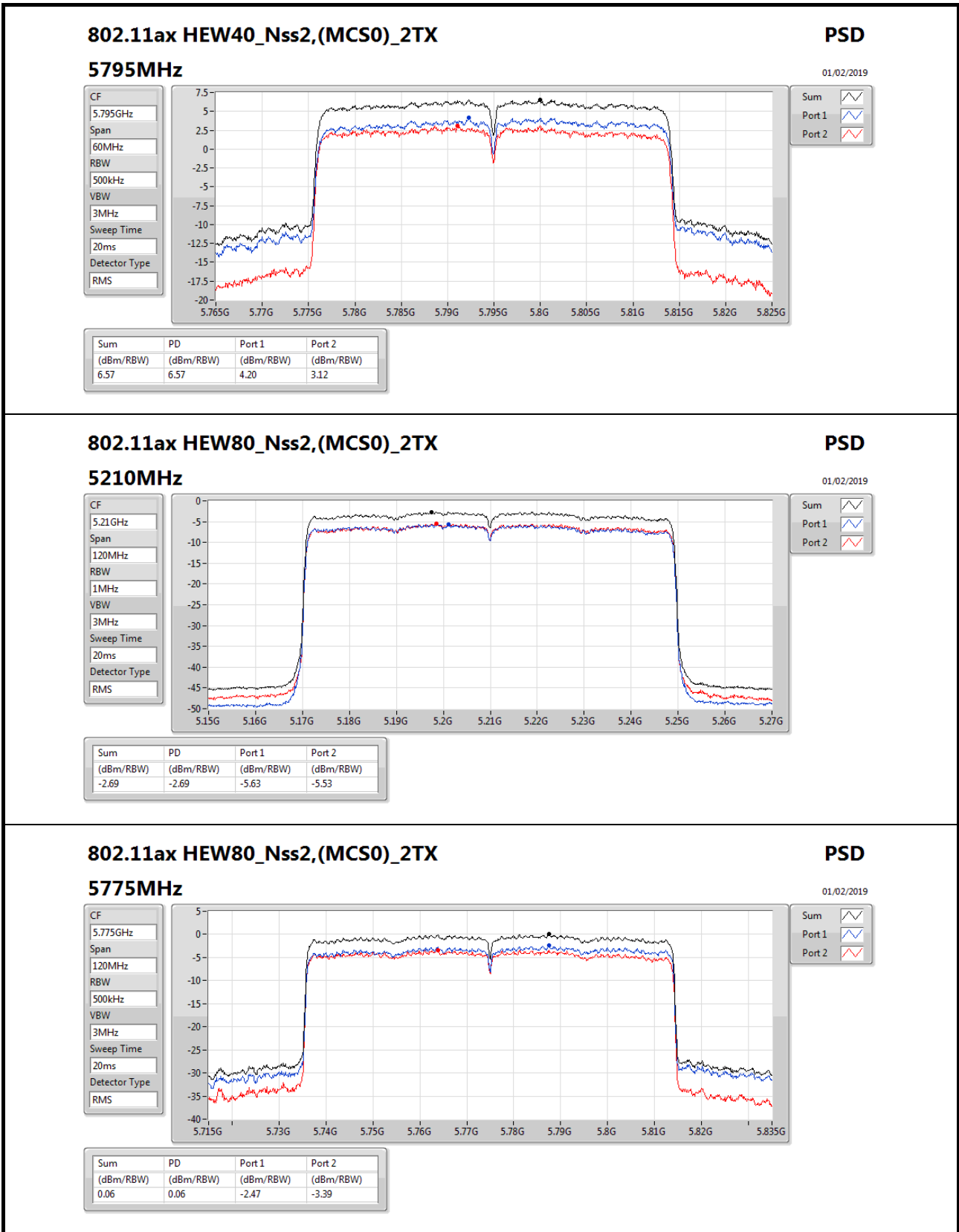
**DG** = Directional Gain; **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

**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

01/02/2019

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	8.11
802.11ax HEW20_Nss1,(MCS0)_4TX	8.14
802.11ax HEW40_Nss1,(MCS0)_4TX	6.36
802.11ax HEW80_Nss1,(MCS0)_4TX	-0.83
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	12.19
802.11ax HEW20_Nss1,(MCS0)_4TX	11.61
802.11ax HEW40_Nss1,(MCS0)_4TX	8.00
802.11ax HEW80_Nss1,(MCS0)_4TX	1.26

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



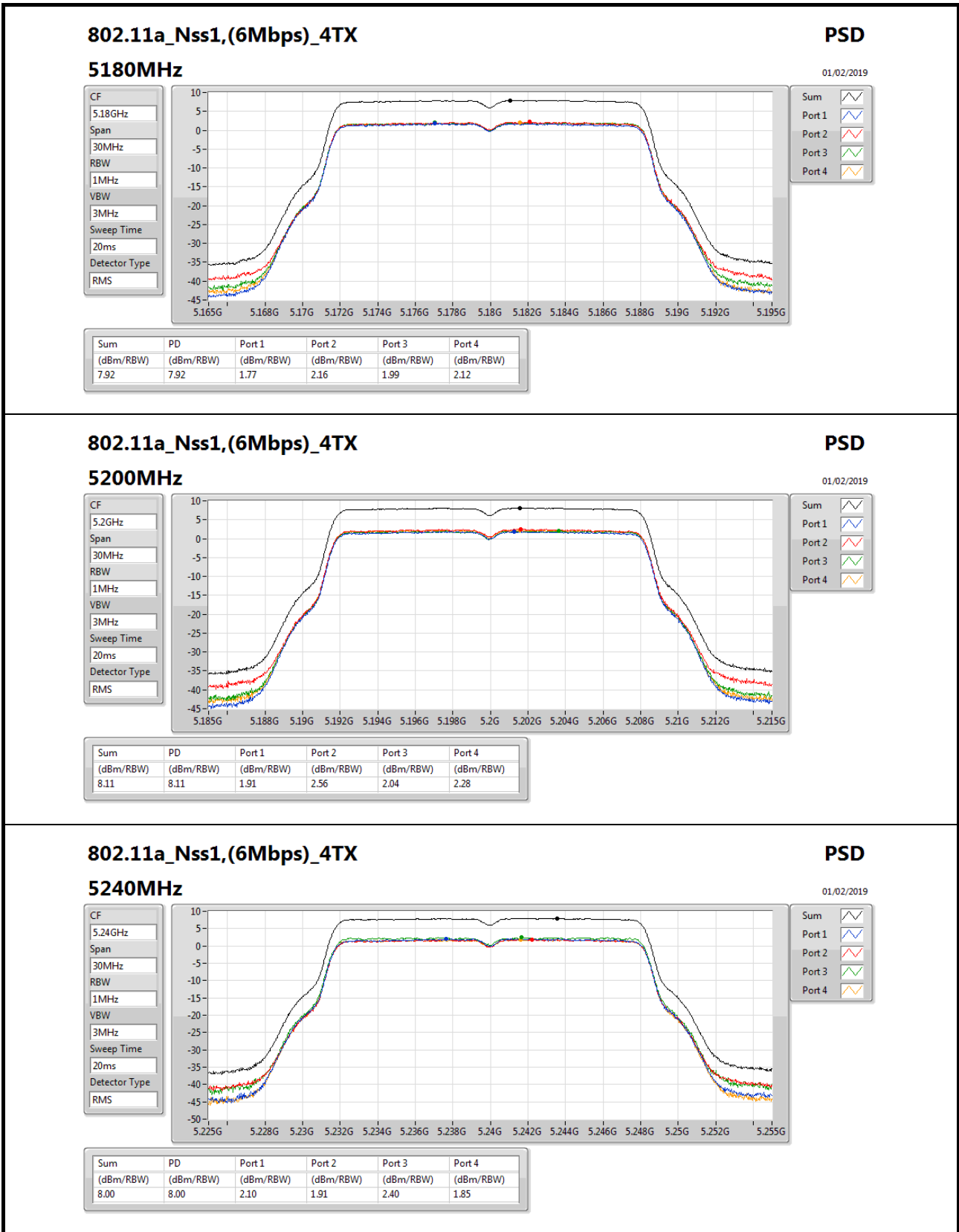


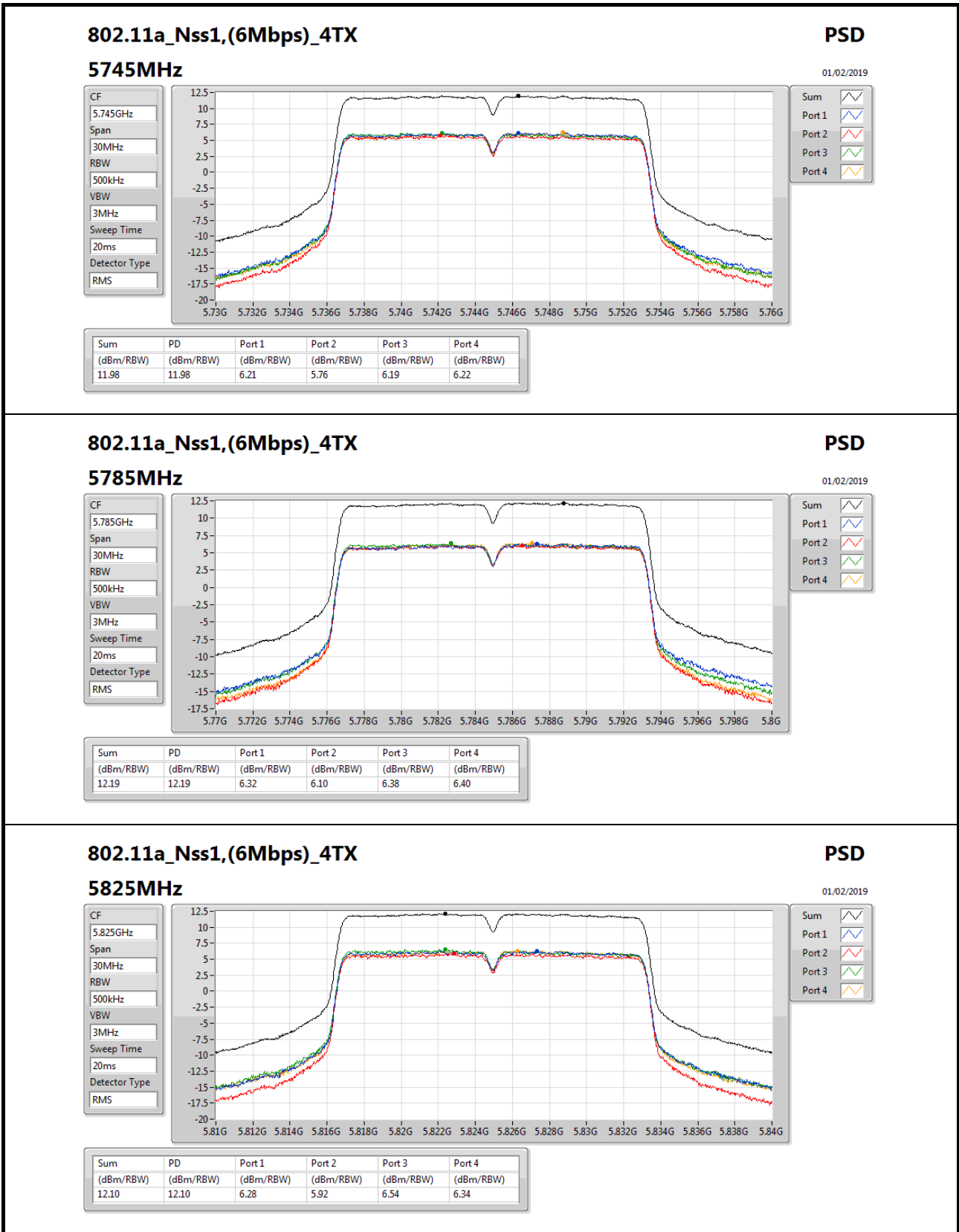
**PSD Result\_Radio 2**

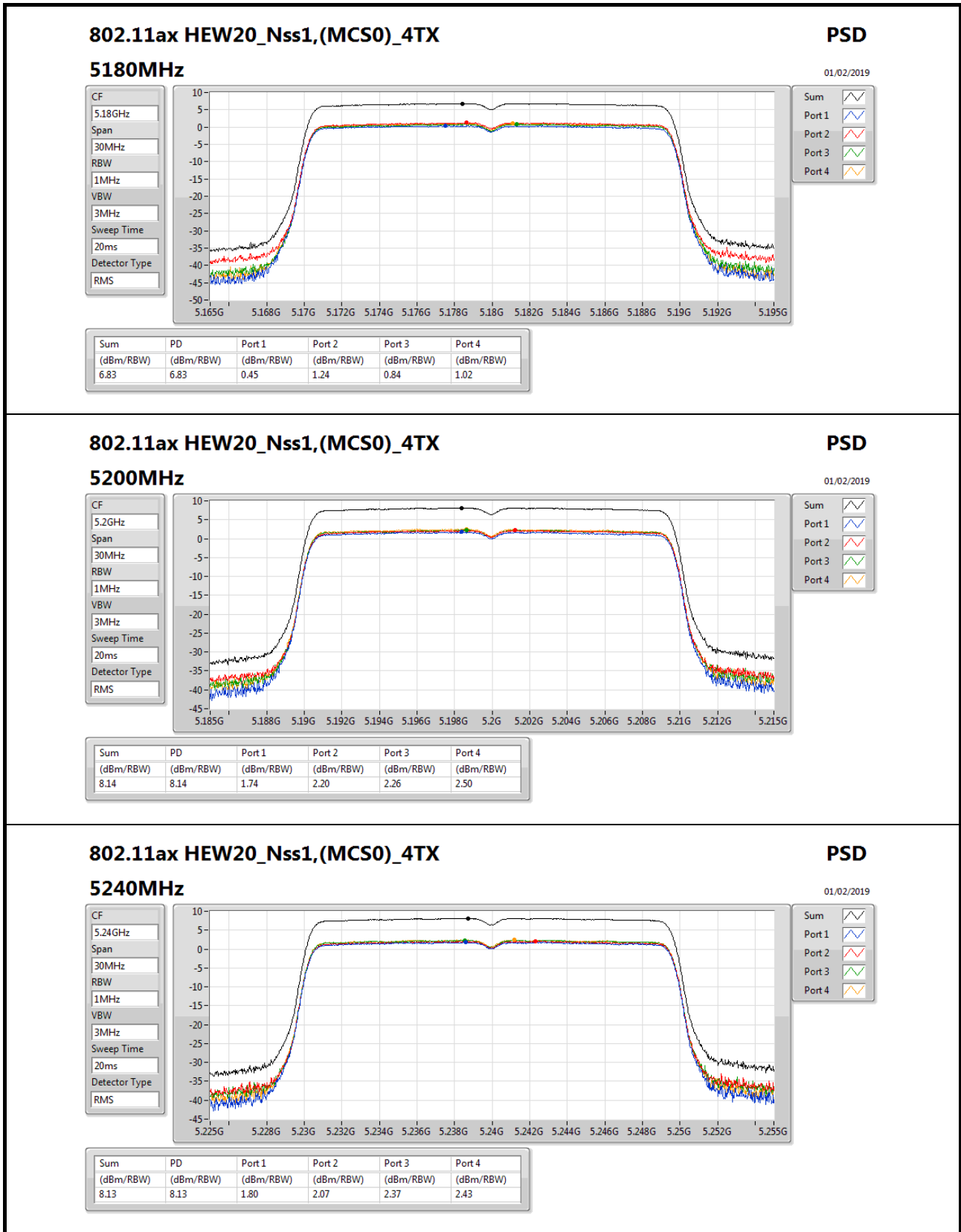
**Result**

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	14.72	1.77	2.16	1.99	2.12	7.92	8.28
5200MHz	Pass	14.72	1.91	2.56	2.04	2.28	8.11	8.28
5240MHz	Pass	14.72	2.10	1.91	2.40	1.85	8.00	8.28
5745MHz	Pass	14.72	6.21	5.76	6.19	6.22	11.98	21.28
5785MHz	Pass	14.72	6.32	6.10	6.38	6.40	12.19	21.28
5825MHz	Pass	14.72	6.28	5.92	6.54	6.34	12.10	21.28
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	14.72	0.45	1.24	0.84	1.02	6.83	8.28
5200MHz	Pass	14.72	1.74	2.20	2.26	2.50	8.14	8.28
5240MHz	Pass	14.72	1.80	2.07	2.37	2.43	8.13	8.28
5745MHz	Pass	14.72	4.73	4.39	4.63	4.61	10.52	21.28
5785MHz	Pass	14.72	5.69	5.28	5.93	5.93	11.61	21.28
5825MHz	Pass	14.72	5.92	5.19	5.93	5.80	11.57	21.28
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	14.72	-4.83	-4.34	-4.29	-4.63	1.41	8.28
5230MHz	Pass	14.72	0.55	0.41	0.33	0.42	6.36	8.28
5755MHz	Pass	14.72	1.66	0.32	0.72	1.17	6.95	21.28
5795MHz	Pass	14.72	2.66	1.79	1.94	1.98	8.00	21.28
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	14.72	-6.88	-7.04	-6.38	-6.82	-0.83	8.28
5775MHz	Pass	14.72	-4.60	-4.95	-4.54	-4.54	1.26	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 HEW20\_Nss1,(MCS0)\_4TX

#### 5240MHz

### PSD

01/02/2019

CF  
5.24GHz

Span  
30MHz

RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



Sum

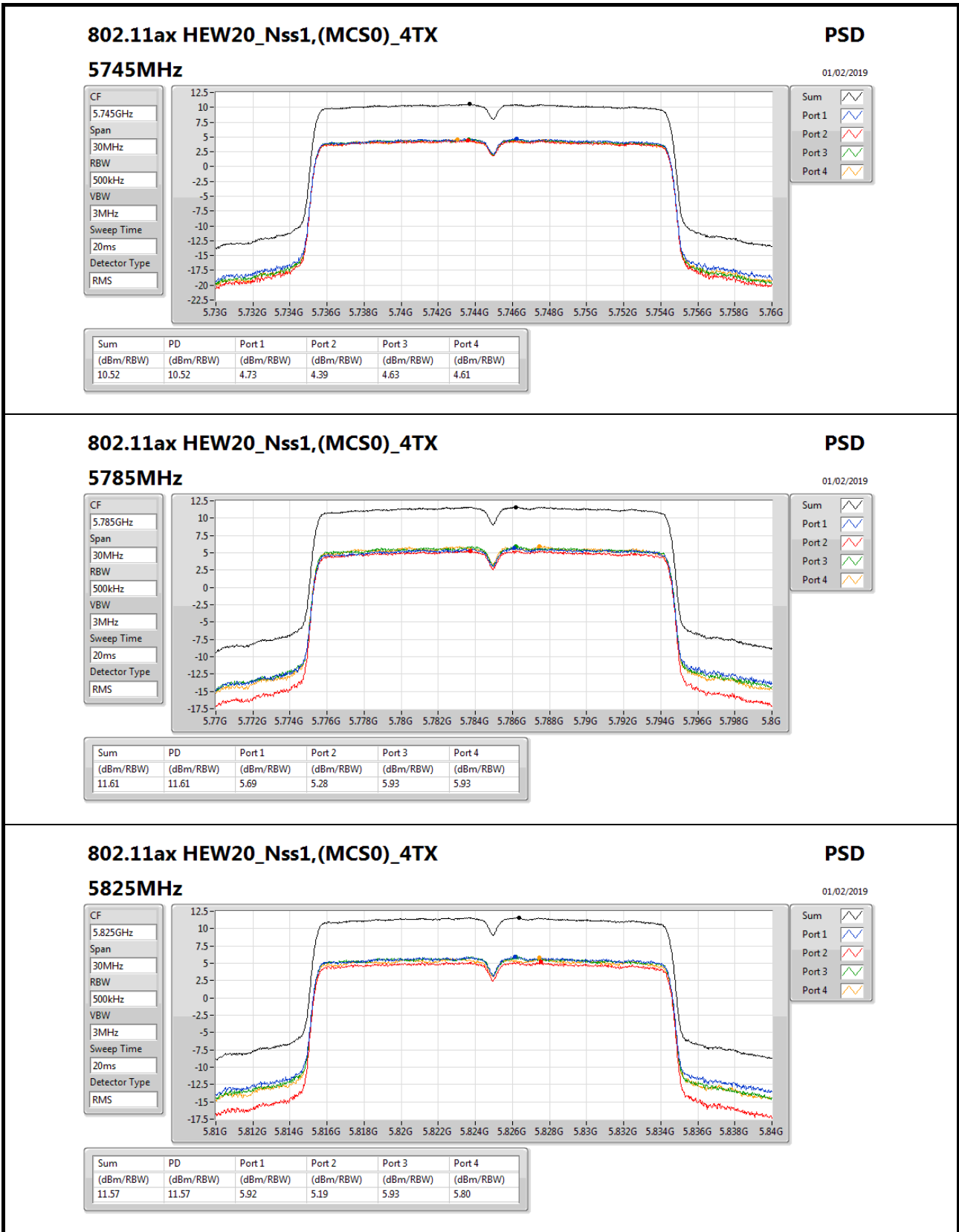
Port 1

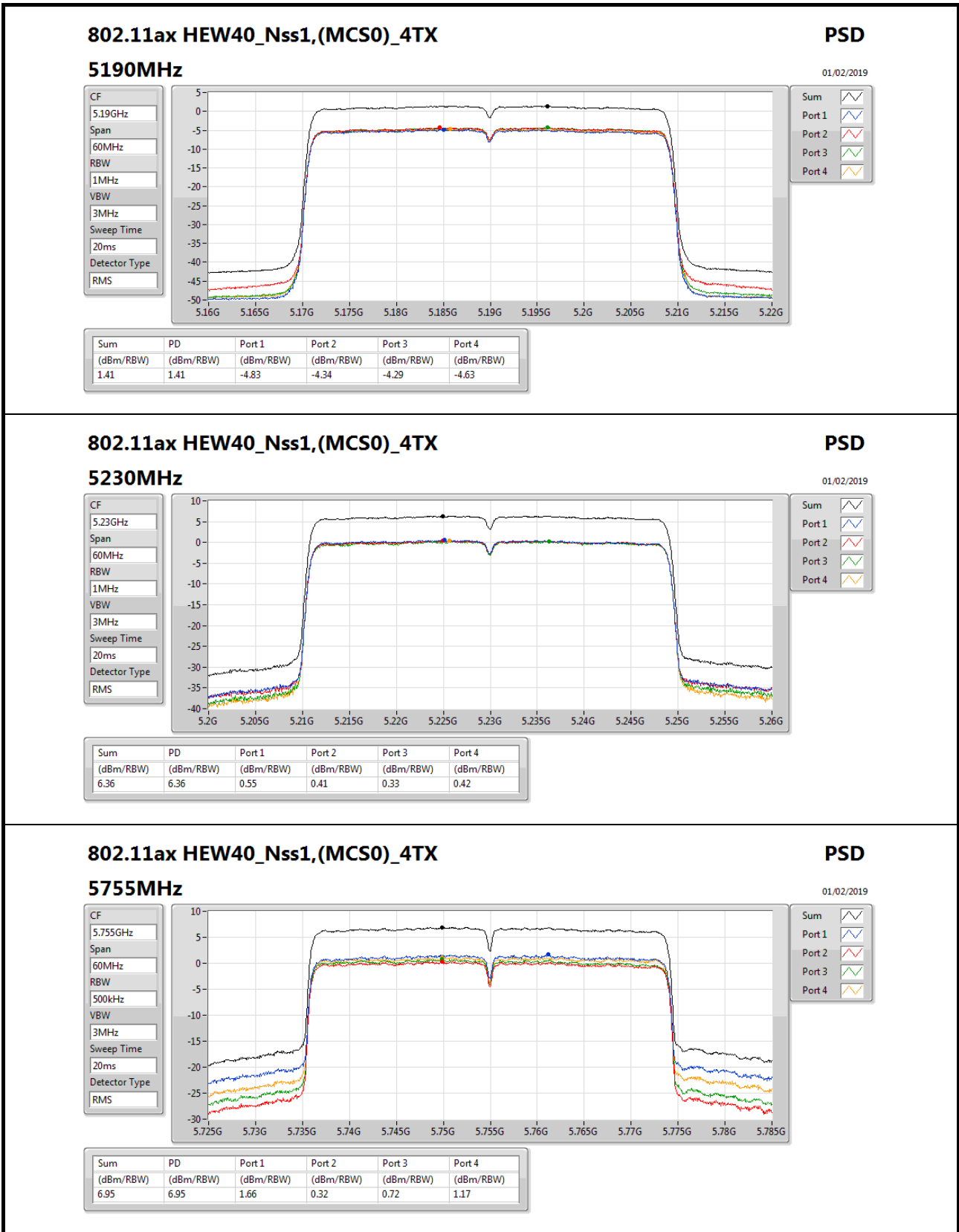
Port 2

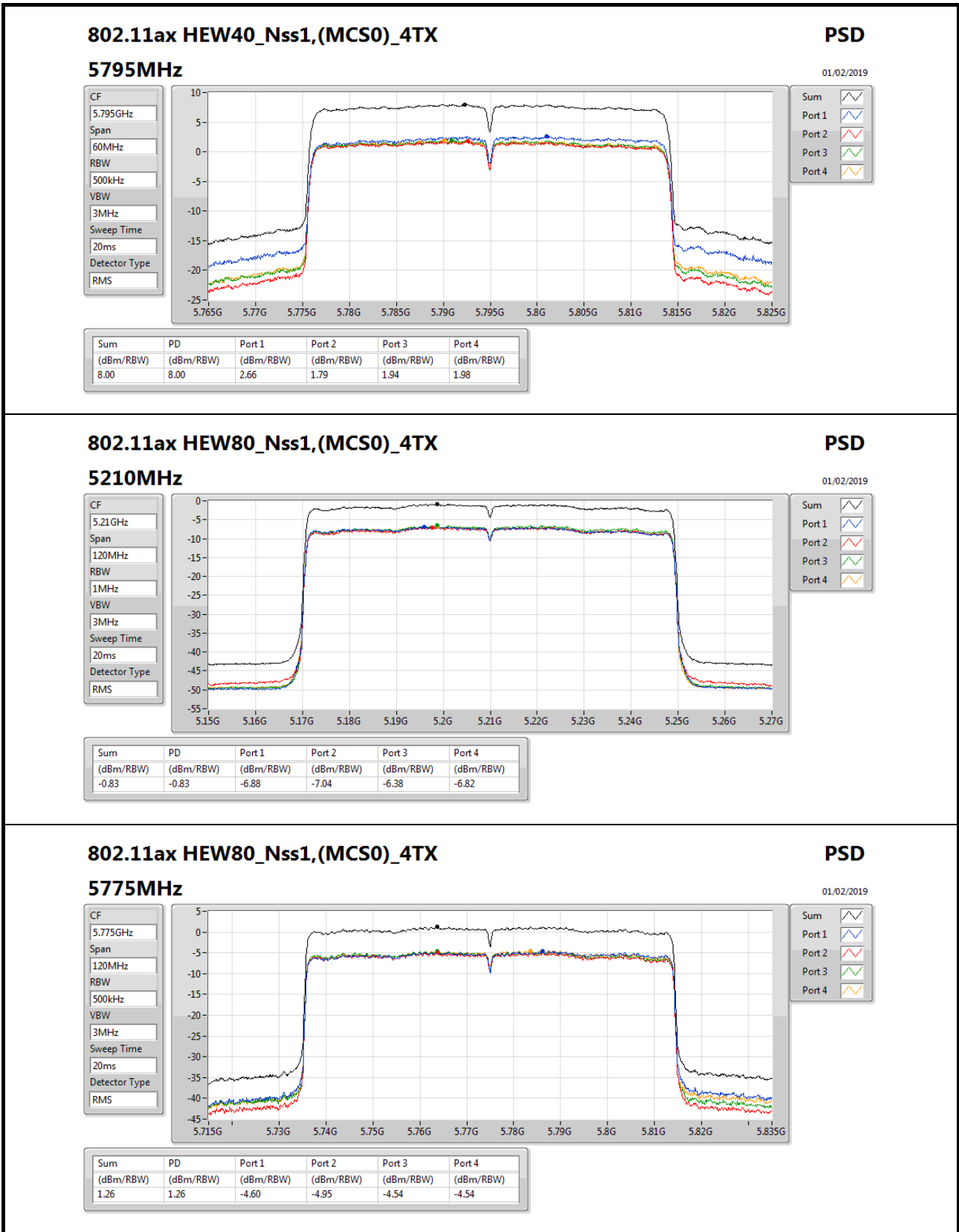
Port 3

Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.13	8.13	1.80	2.07	2.37	2.43









**For Beamforming / 4T1S mode  
Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	7.88
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	4.77
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	0.50
5.725-5.85GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	6.30
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	3.40
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	0.07

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





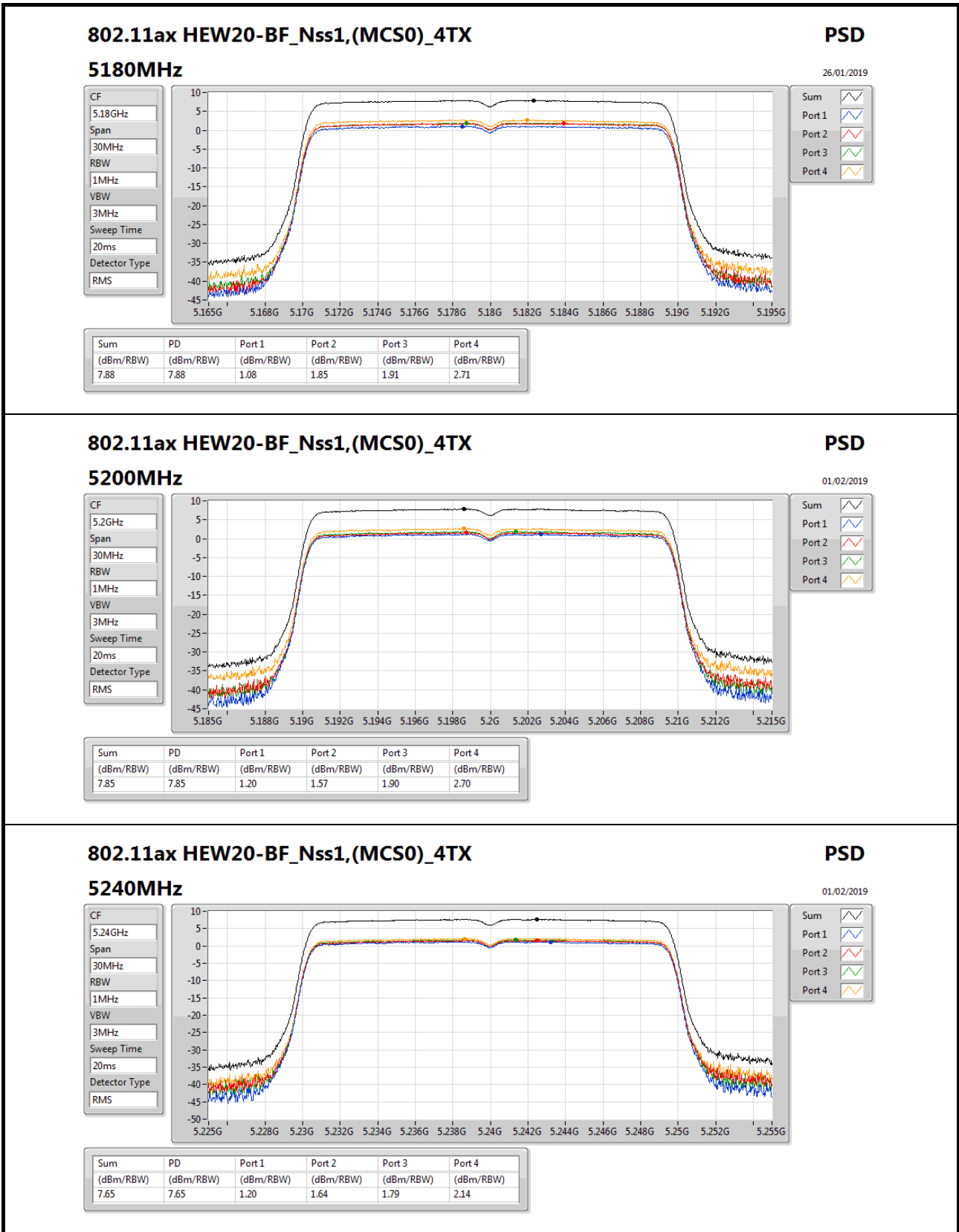
**PSD Result\_Radio 2**

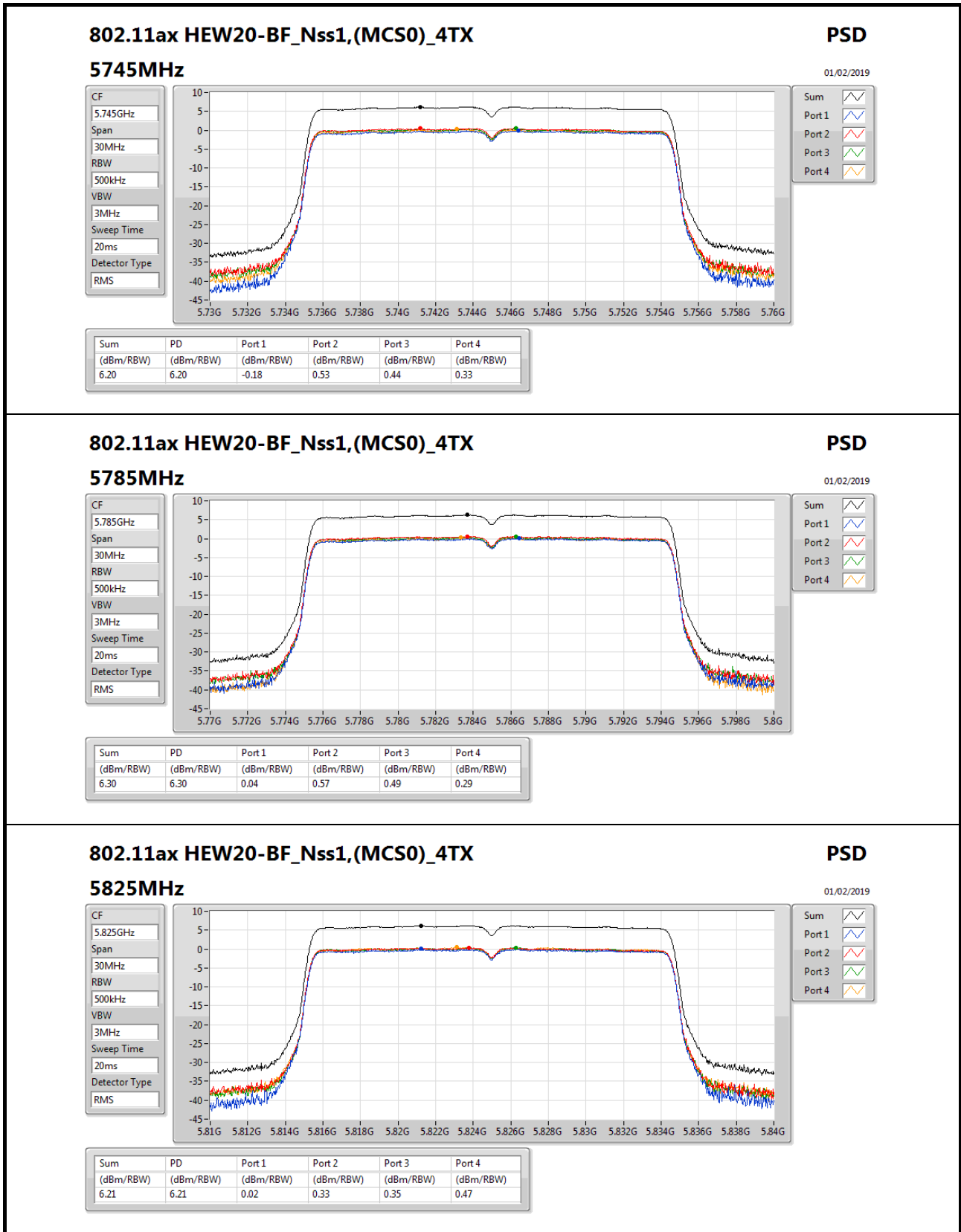
**Result**

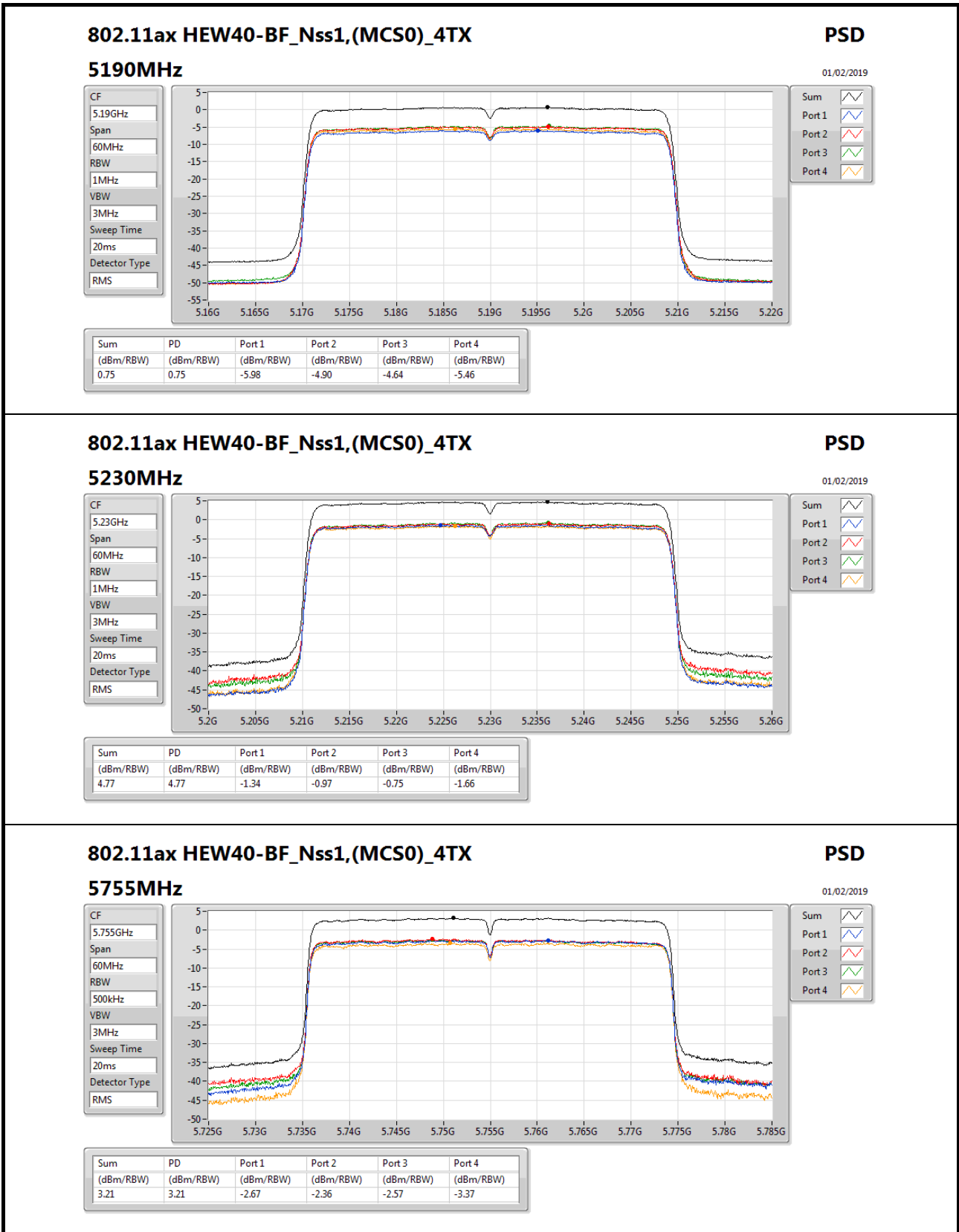
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	14.72	1.08	1.85	1.91	2.71	7.88	8.28
5200MHz	Pass	14.72	1.20	1.57	1.90	2.70	7.85	8.28
5240MHz	Pass	14.72	1.20	1.64	1.79	2.14	7.65	8.28
5745MHz	Pass	14.72	-0.18	0.53	0.44	0.33	6.20	21.28
5785MHz	Pass	14.72	0.04	0.57	0.49	0.29	6.30	21.28
5825MHz	Pass	14.72	0.02	0.33	0.35	0.47	6.21	21.28
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	14.72	-5.98	-4.90	-4.64	-5.46	0.75	8.28
5230MHz	Pass	14.72	-1.34	-0.97	-0.75	-1.66	4.77	8.28
5755MHz	Pass	14.72	-2.67	-2.36	-2.57	-3.37	3.21	21.28
5795MHz	Pass	14.72	-2.50	-2.11	-2.30	-3.32	3.40	21.28
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	14.72	-6.24	-5.10	-5.00	-5.45	0.50	8.28
5775MHz	Pass	14.72	-5.69	-5.36	-5.83	-6.40	0.07	21.28

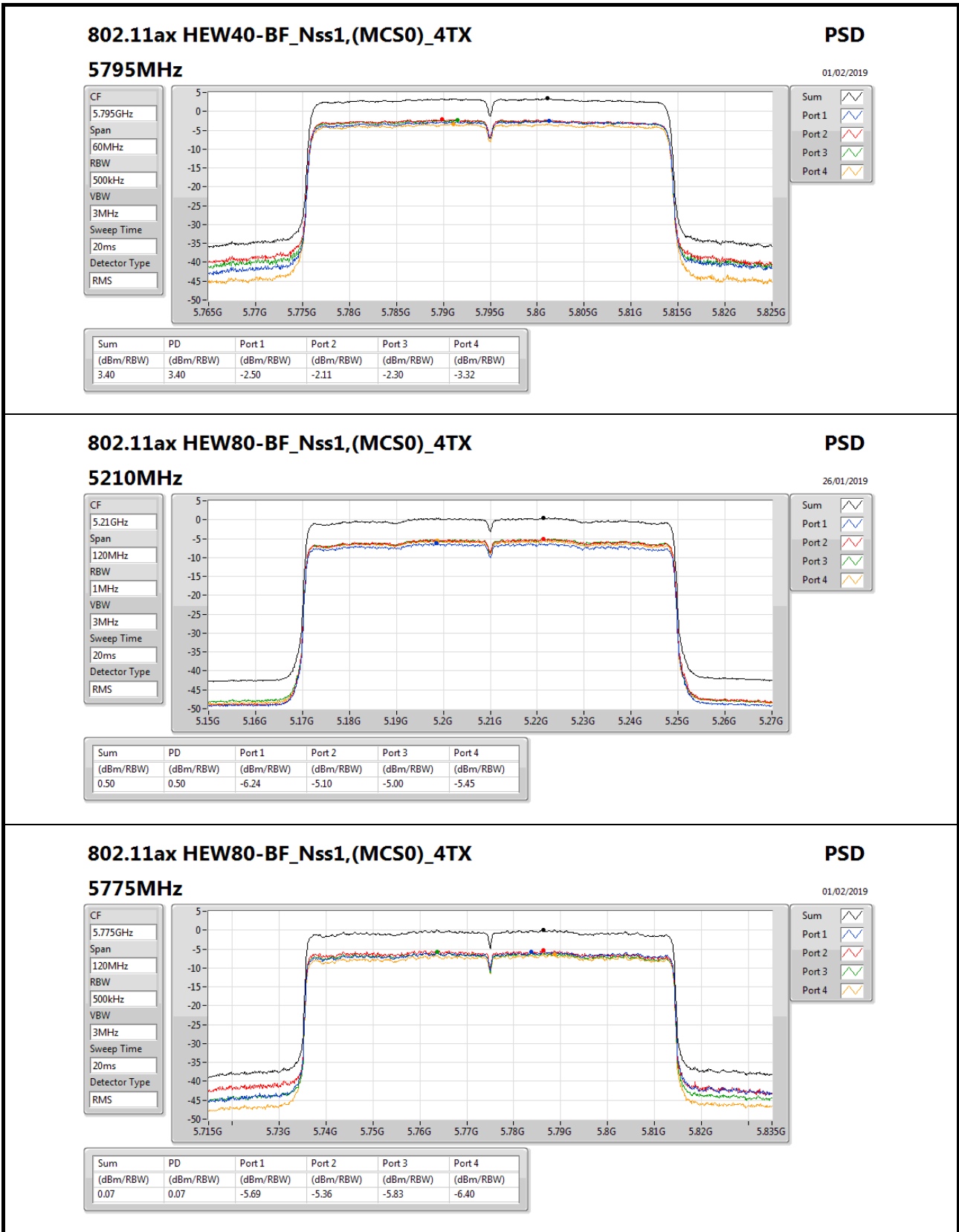
**DG** = Directional Gain; **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

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











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

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20_Nss4,(MCS0)_4TX	12.04
802.11ax HEW40_Nss4,(MCS0)_4TX	7.42
802.11ax HEW80_Nss4,(MCS0)_4TX	0.39
5.725-5.85GHz	-
802.11ax HEW20_Nss4,(MCS0)_4TX	11.86
802.11ax HEW40_Nss4,(MCS0)_4TX	8.30
802.11ax HEW80_Nss4,(MCS0)_4TX	1.85

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



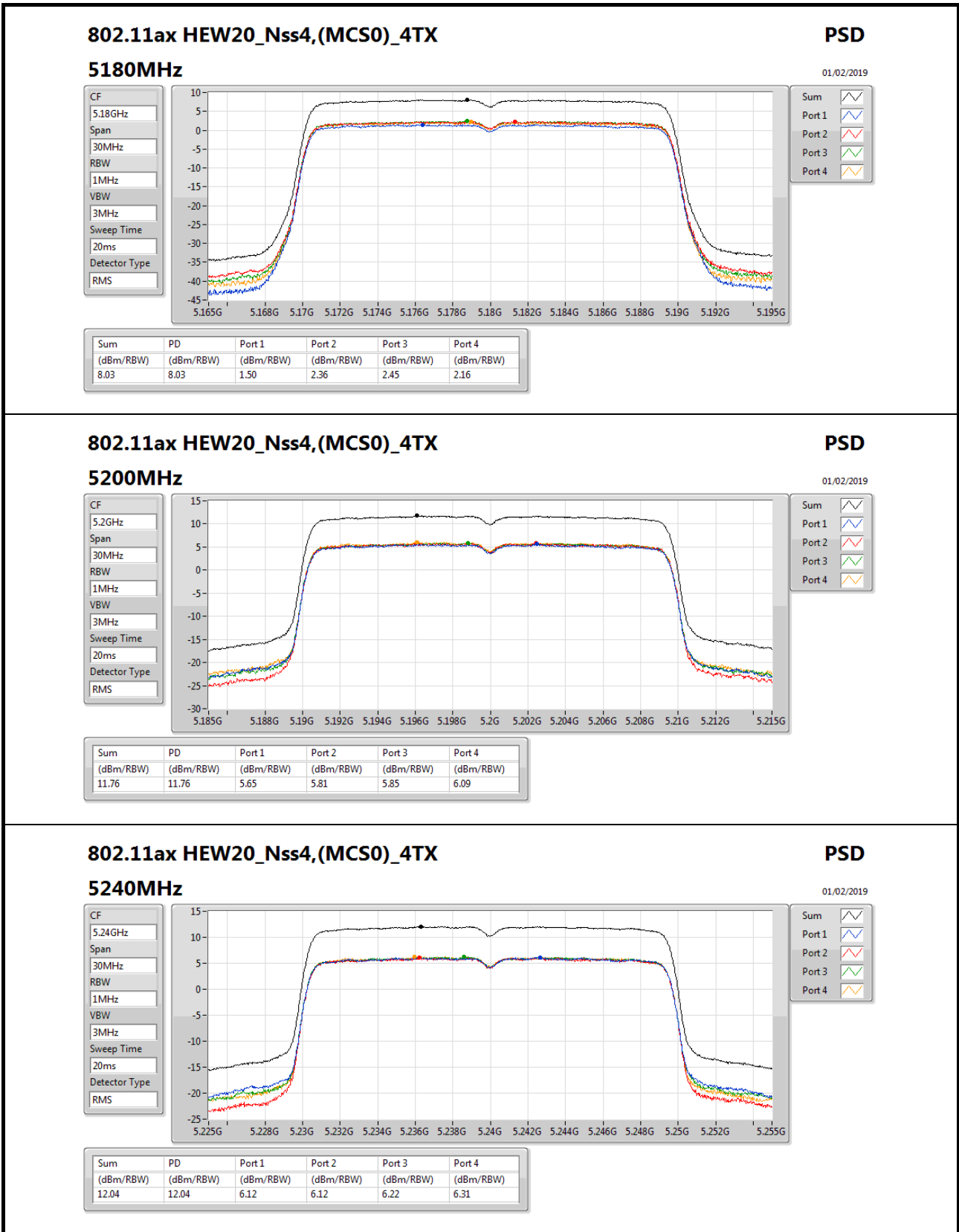
**PSD Result\_Radio 2**

**Result**

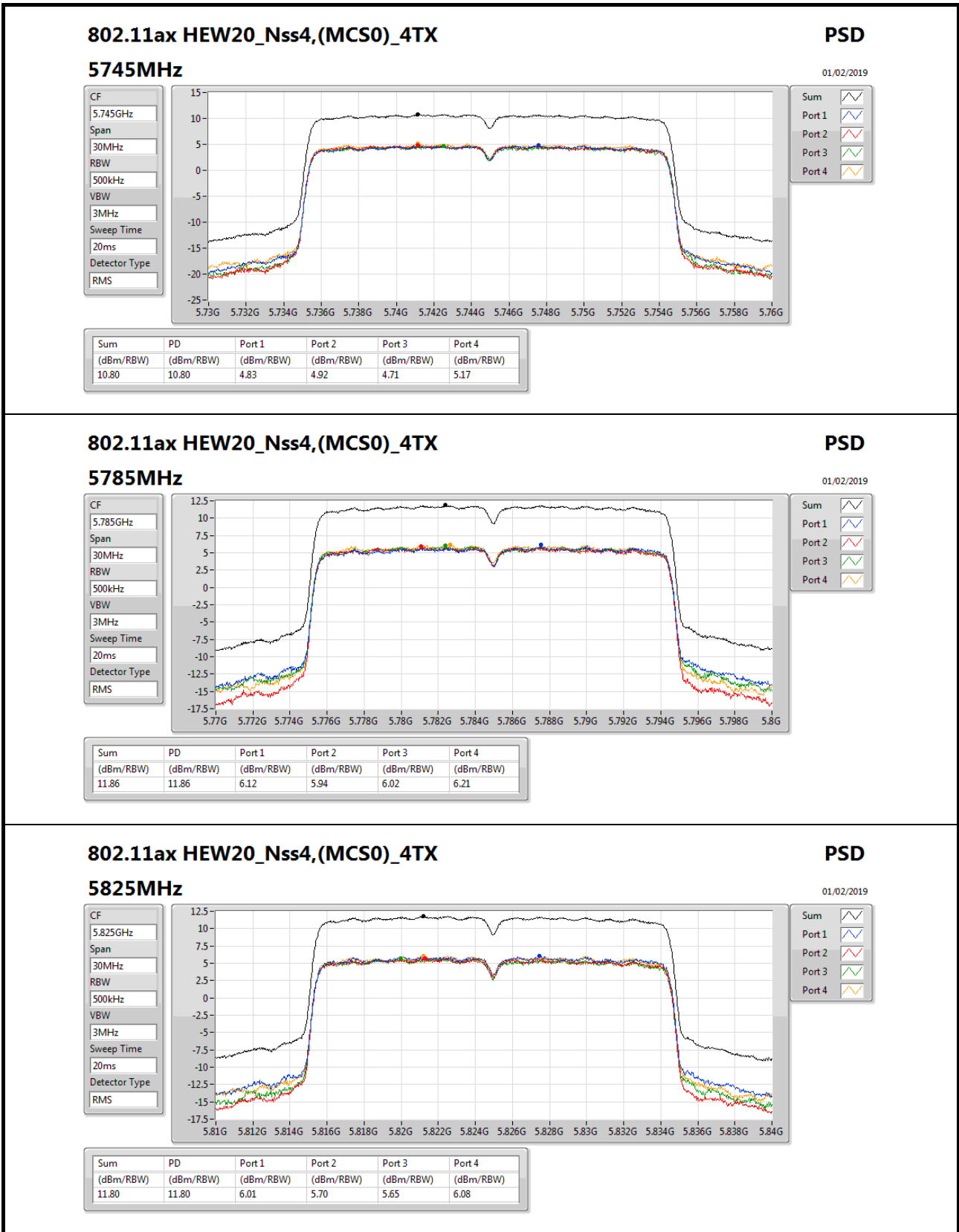
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.70	1.50	2.36	2.45	2.16	8.03	14.30
5200MHz	Pass	8.70	5.65	5.81	5.85	6.09	11.76	14.30
5240MHz	Pass	8.70	6.12	6.12	6.22	6.31	12.04	14.30
5745MHz	Pass	8.70	4.83	4.92	4.71	5.17	10.80	27.30
5785MHz	Pass	8.70	6.12	5.94	6.02	6.21	11.86	27.30
5825MHz	Pass	8.70	6.01	5.70	5.65	6.08	11.80	27.30
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.70	-4.06	-3.03	-3.28	-3.66	2.39	14.30
5230MHz	Pass	8.70	1.27	1.44	1.68	1.55	7.42	14.30
5755MHz	Pass	8.70	2.12	1.34	1.51	1.99	7.66	27.30
5795MHz	Pass	8.70	2.93	1.95	2.25	2.68	8.30	27.30
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.70	-5.75	-5.36	-5.26	-5.27	0.39	14.30
5775MHz	Pass	8.70	-3.82	-4.04	-4.11	-3.74	1.85	27.30

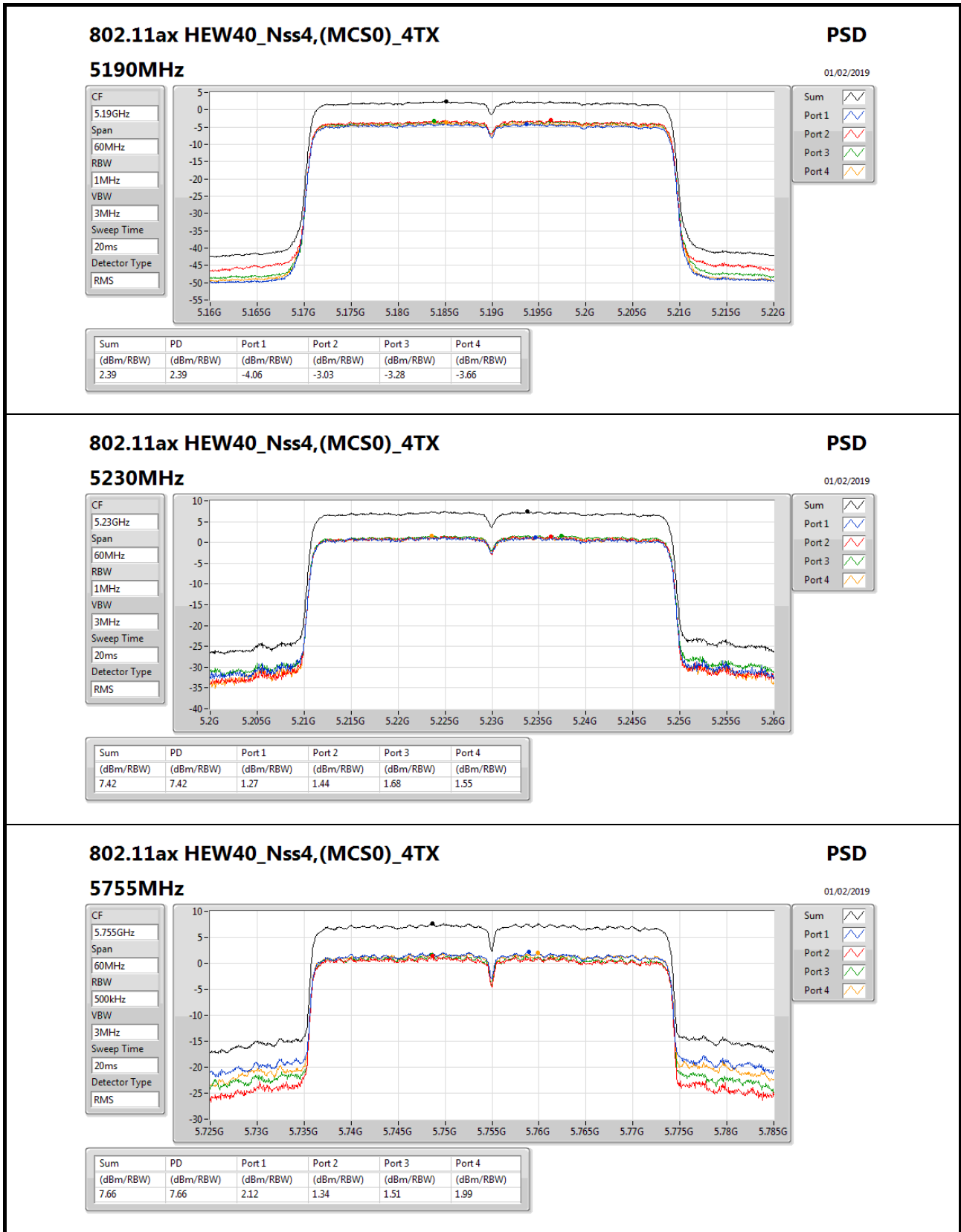
**DG** = Directional Gain; **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

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









### 802.11ax HEW40\_Nss4,(MCS0)\_4TX

#### 5755MHz

### PSD

01/02/2019

CF  
5.755GHz

Span  
60MHz

RBW  
500kHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS

Sum

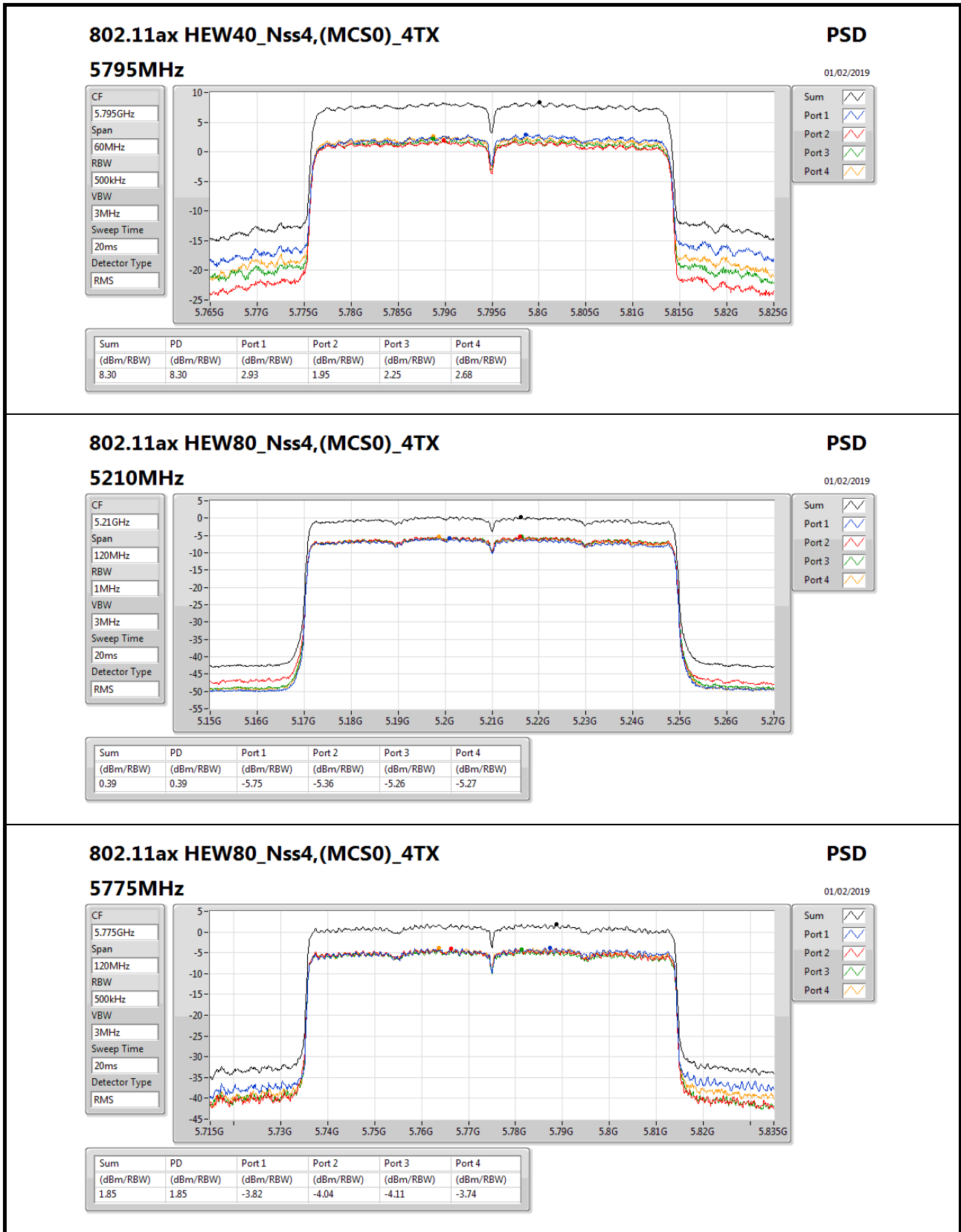
Port 1

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)
7.66	7.66	2.12	1.34	1.51	1.99





**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	2.89
802.11ax HEW20_Nss1,(MCS0)_1TX	2.50
802.11ax HEW40_Nss1,(MCS0)_1TX	-0.25
802.11ax HEW80_Nss1,(MCS0)_1TX	-3.35

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

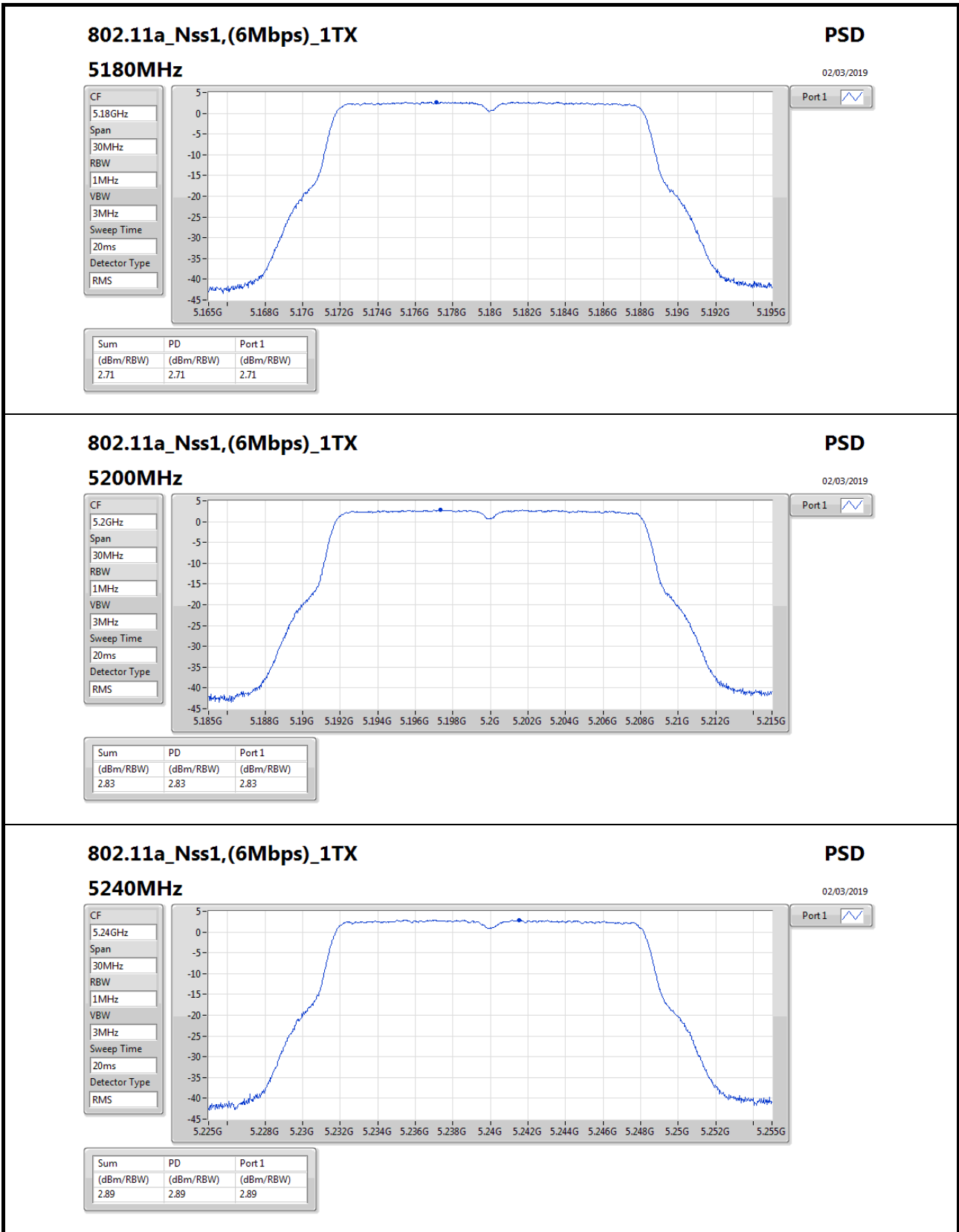


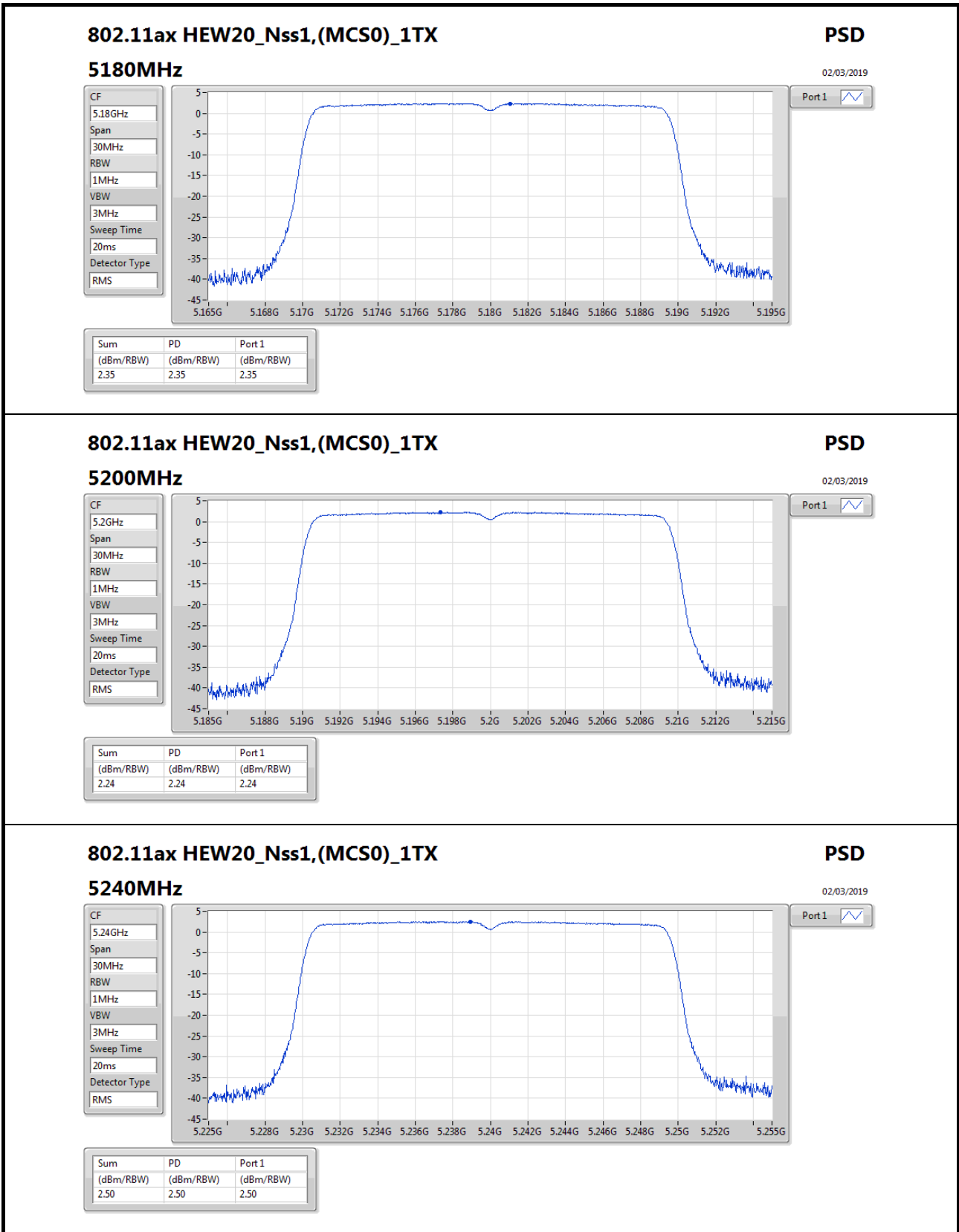
**PSD Result\_Radio 2**

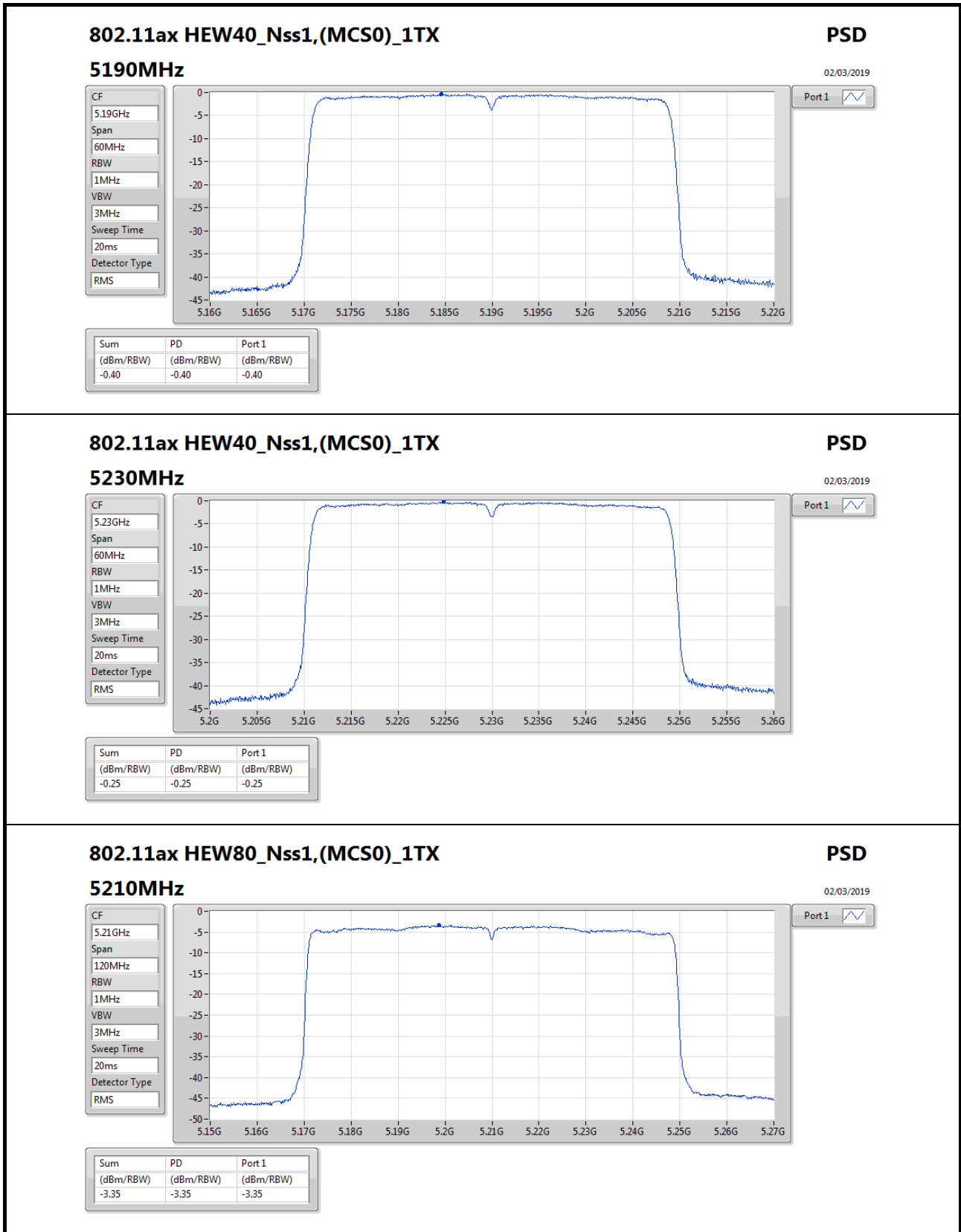
**Result**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	3.00	2.71	2.71	17.00
5200MHz	Pass	3.00	2.83	2.83	17.00
5240MHz	Pass	3.00	2.89	2.89	17.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	3.00	2.35	2.35	17.00
5200MHz	Pass	3.00	2.24	2.24	17.00
5240MHz	Pass	3.00	2.50	2.50	17.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	3.00	-0.40	-0.40	17.00
5230MHz	Pass	3.00	-0.25	-0.25	17.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	3.00	-3.35	-3.35	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 HEW80\_Nss1,(MCS0)\_1TX

#### 5210MHz

PSD

02/03/2019

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)
-3.35	-3.35	-3.35





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

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20_Nss2,(MCS0)_2TX	2.49
802.11ax HEW40_Nss2,(MCS0)_2TX	-0.26
802.11ax HEW80_Nss2,(MCS0)_2TX	-3.48

**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	-1.25	-0.00	2.37	17.00
5200MHz	Pass	3.00	-1.08	0.02	2.47	17.00
5240MHz	Pass	3.00	-1.02	-0.00	2.49	17.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	3.00	-3.49	-2.89	-0.26	17.00
5230MHz	Pass	3.00	-4.09	-2.69	-0.37	17.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	3.00	-6.77	-6.08	-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;



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

#### 5240MHz

**PSD**

02/03/2019

CF  
5.24GHz

Span  
30MHz

RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

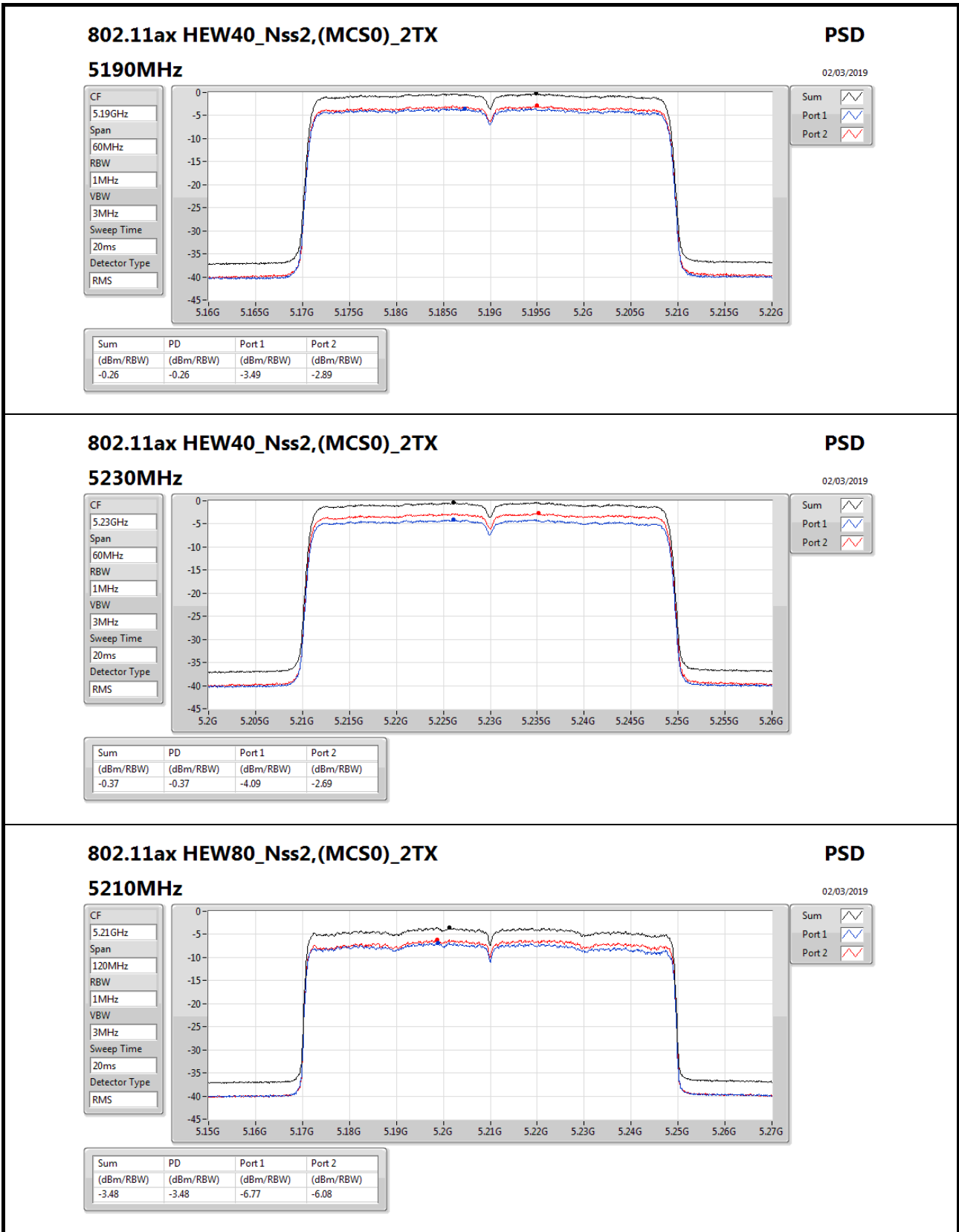
Detector Type  
RMS



Sum

Port 1

Port 2





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

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	3.18
802.11ax HEW20_Nss1,(MCS0)_4TX	2.46
802.11ax HEW40_Nss1,(MCS0)_4TX	-0.49
802.11ax HEW80_Nss1,(MCS0)_4TX	-3.43

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

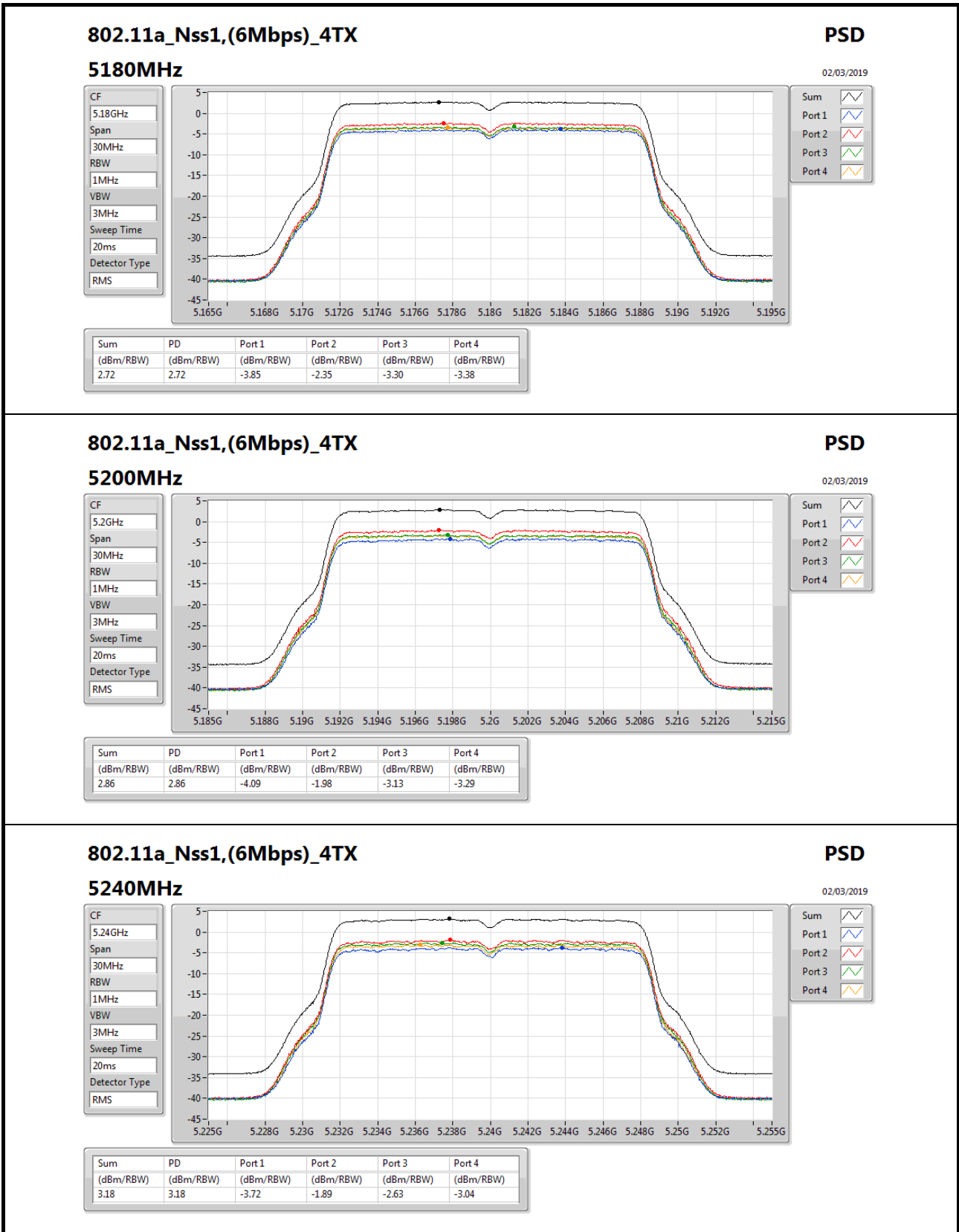


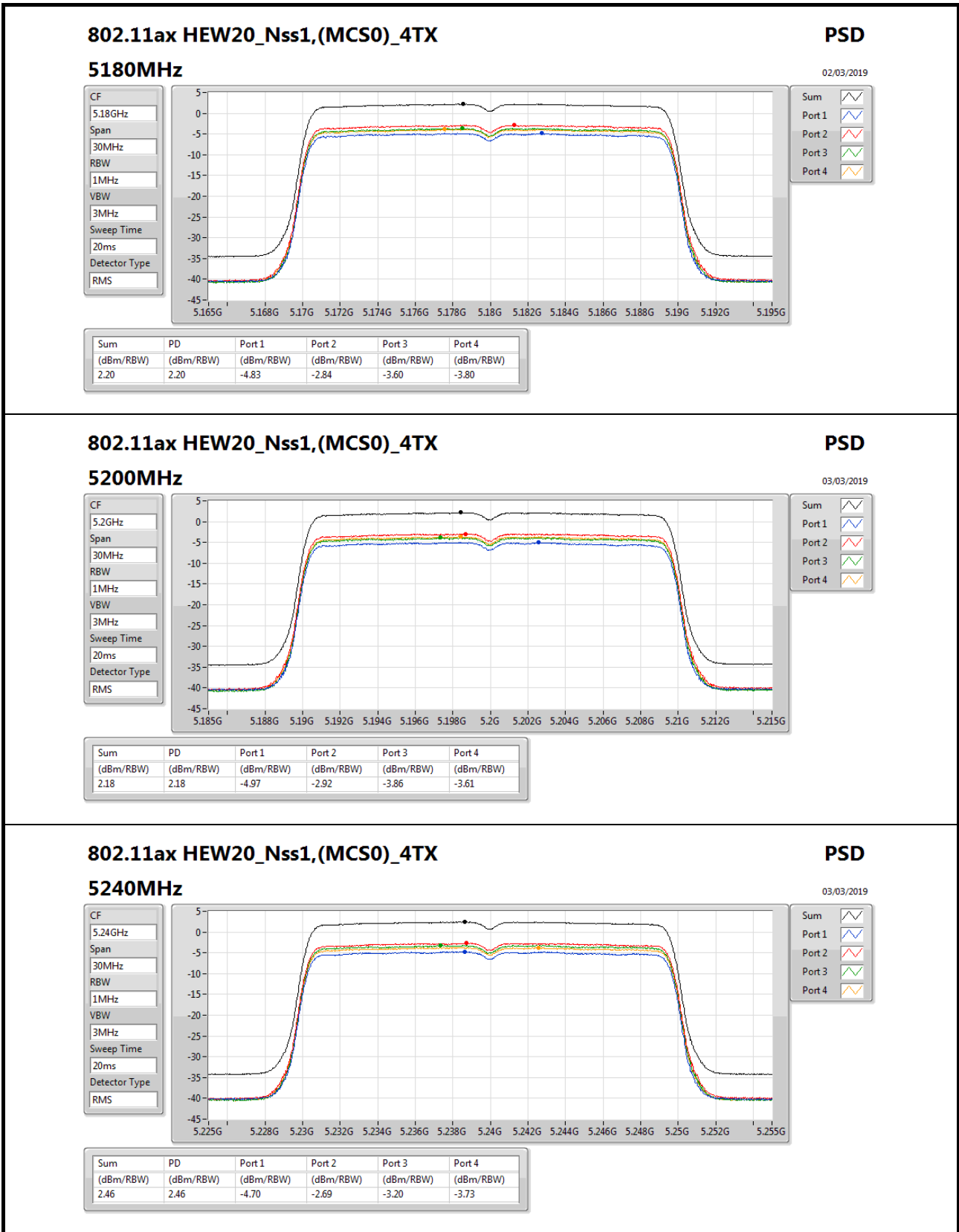
**PSD Result\_Radio 2**

**Result**

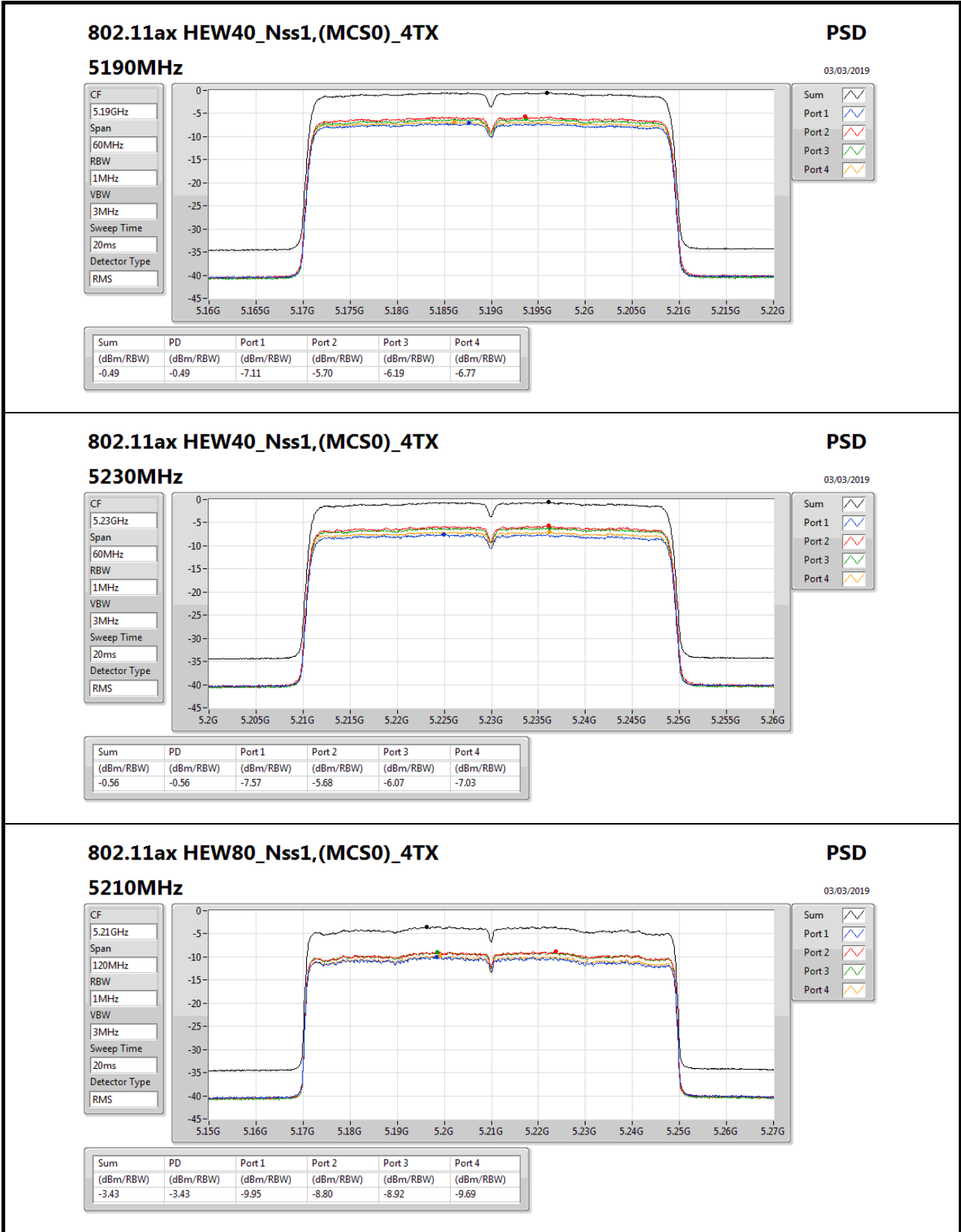
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	9.02	-3.85	-2.35	-3.30	-3.38	2.72	13.98
5200MHz	Pass	9.02	-4.09	-1.98	-3.13	-3.29	2.86	13.98
5240MHz	Pass	9.02	-3.72	-1.89	-2.63	-3.04	3.18	13.98
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	9.02	-4.83	-2.84	-3.60	-3.80	2.20	13.98
5200MHz	Pass	9.02	-4.97	-2.92	-3.86	-3.61	2.18	13.98
5240MHz	Pass	9.02	-4.70	-2.69	-3.20	-3.73	2.46	13.98
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	9.02	-7.11	-5.70	-6.19	-6.77	-0.49	13.98
5230MHz	Pass	9.02	-7.57	-5.68	-6.07	-7.03	-0.56	13.98
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	9.02	-9.95	-8.80	-8.92	-9.69	-3.43	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 Beamforming / 4T1S mode  
Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-3.22
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-6.25
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-9.34

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



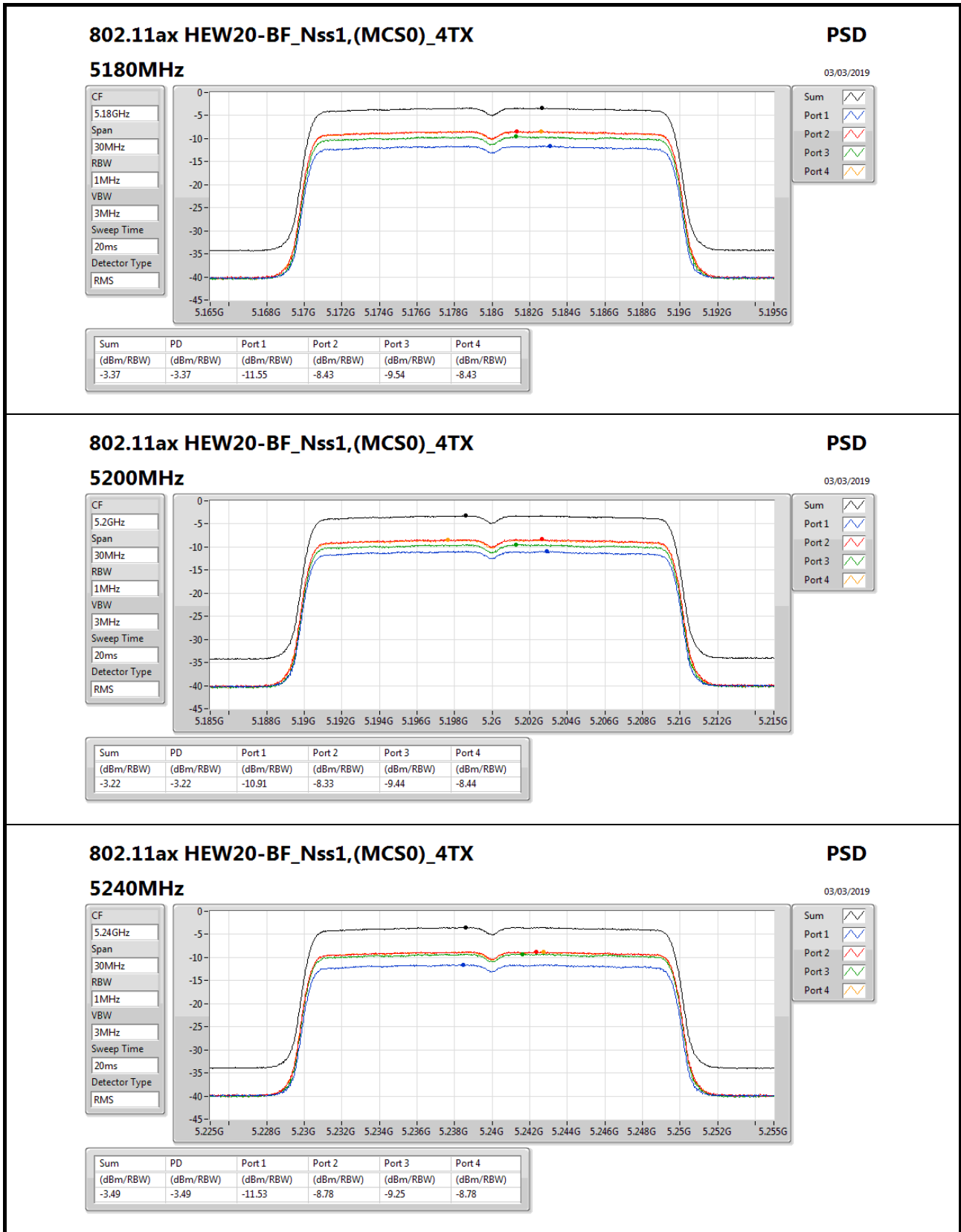
**PSD Result\_Radio 2**

**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	-11.55	-8.43	-9.54	-8.43	-3.37	13.98
5200MHz	Pass	9.02	-10.91	-8.33	-9.44	-8.44	-3.22	13.98
5240MHz	Pass	9.02	-11.53	-8.78	-9.25	-8.78	-3.49	13.98
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	9.02	-13.62	-11.06	-12.10	-12.52	-6.29	13.98
5230MHz	Pass	9.02	-13.55	-10.99	-12.01	-12.60	-6.25	13.98
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	9.02	-16.54	-14.50	-14.71	-15.55	-9.34	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-BF\_Nss1,(MCS0)\_4TX

#### 5240MHz

**PSD**  
03/03/2019

CF  
5.24GHz

Span  
30MHz

RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS

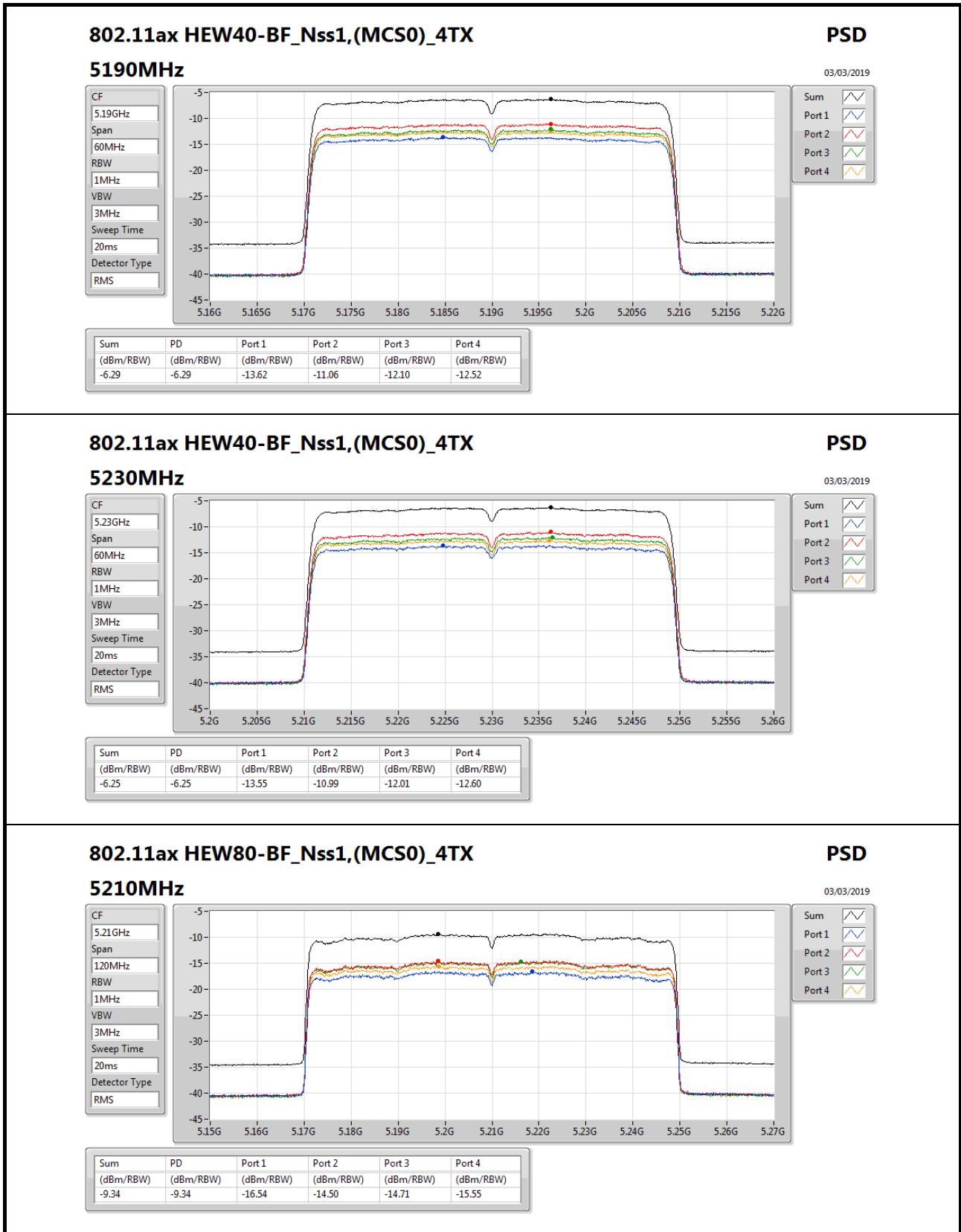
Sum

Port 1

Port 2

Port 3

Port 4





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

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20_Nss4,(MCS0)_4TX	2.67
802.11ax HEW40_Nss4,(MCS0)_4TX	-0.10
802.11ax HEW80_Nss4,(MCS0)_4TX	-3.28

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



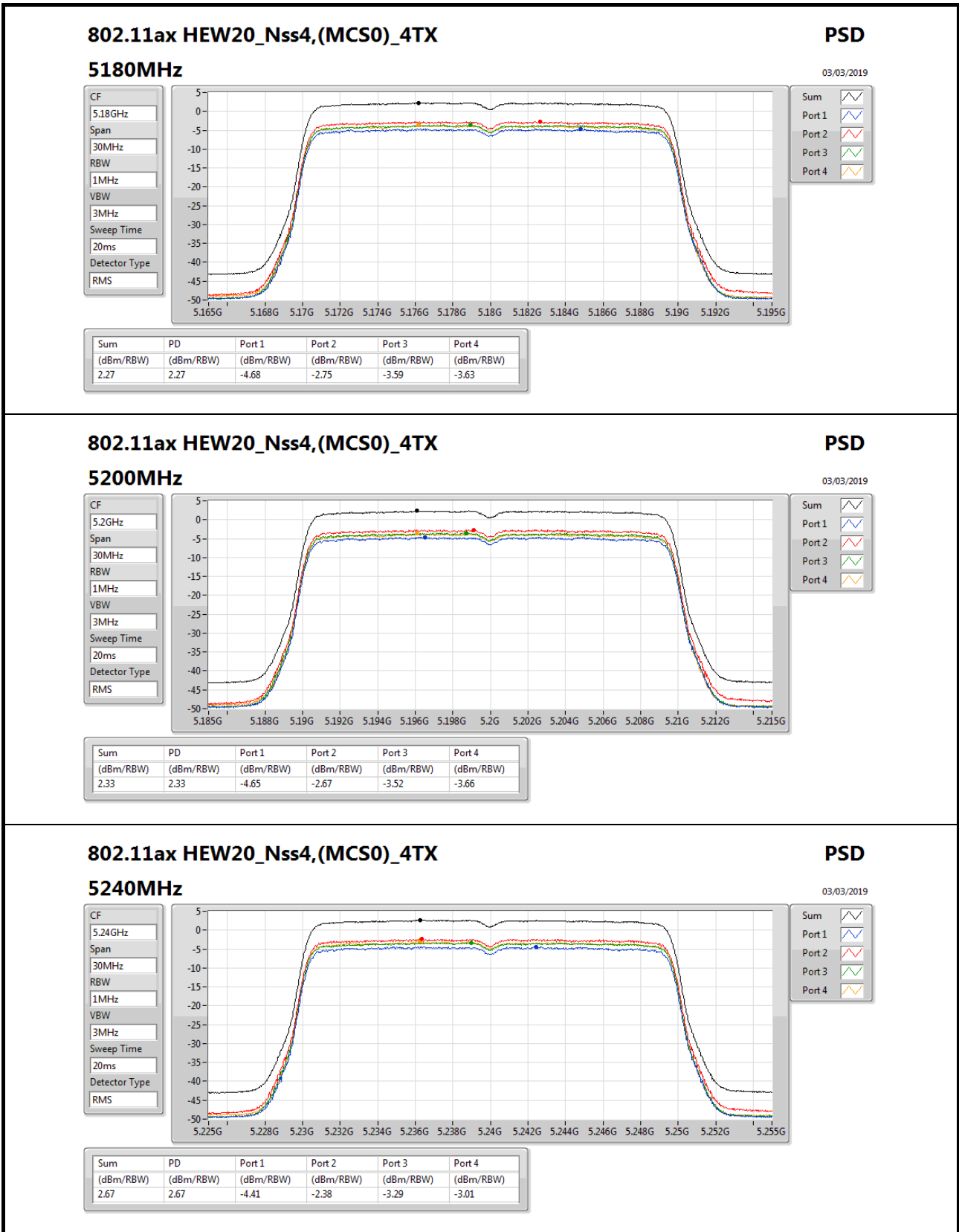
**PSD Result\_Radio 2**

**Result**

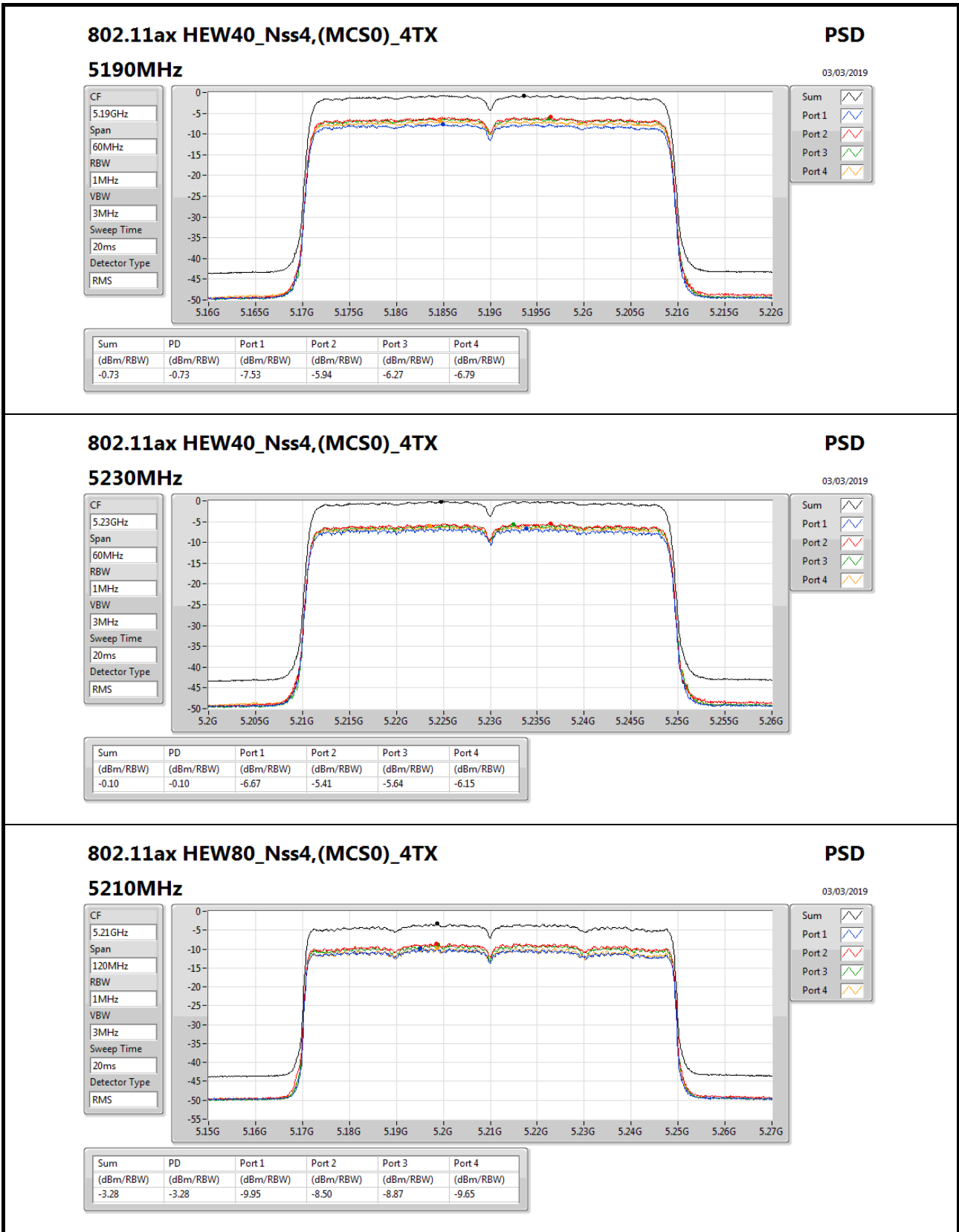
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.00	-4.68	-2.75	-3.59	-3.63	2.27	17.00
5200MHz	Pass	3.00	-4.65	-2.67	-3.52	-3.66	2.33	17.00
5240MHz	Pass	3.00	-4.41	-2.38	-3.29	-3.01	2.67	17.00
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	3.00	-7.53	-5.94	-6.27	-6.79	-0.73	17.00
5230MHz	Pass	3.00	-6.67	-5.41	-5.64	-6.15	-0.10	17.00
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	3.00	-9.95	-8.50	-8.87	-9.65	-3.28	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	6.21
802.11ax HEW20_Nss1,(MCS0)_1TX	5.94
802.11ax HEW40_Nss1,(MCS0)_1TX	3.06
802.11ax HEW80_Nss1,(MCS0)_1TX	-3.54

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

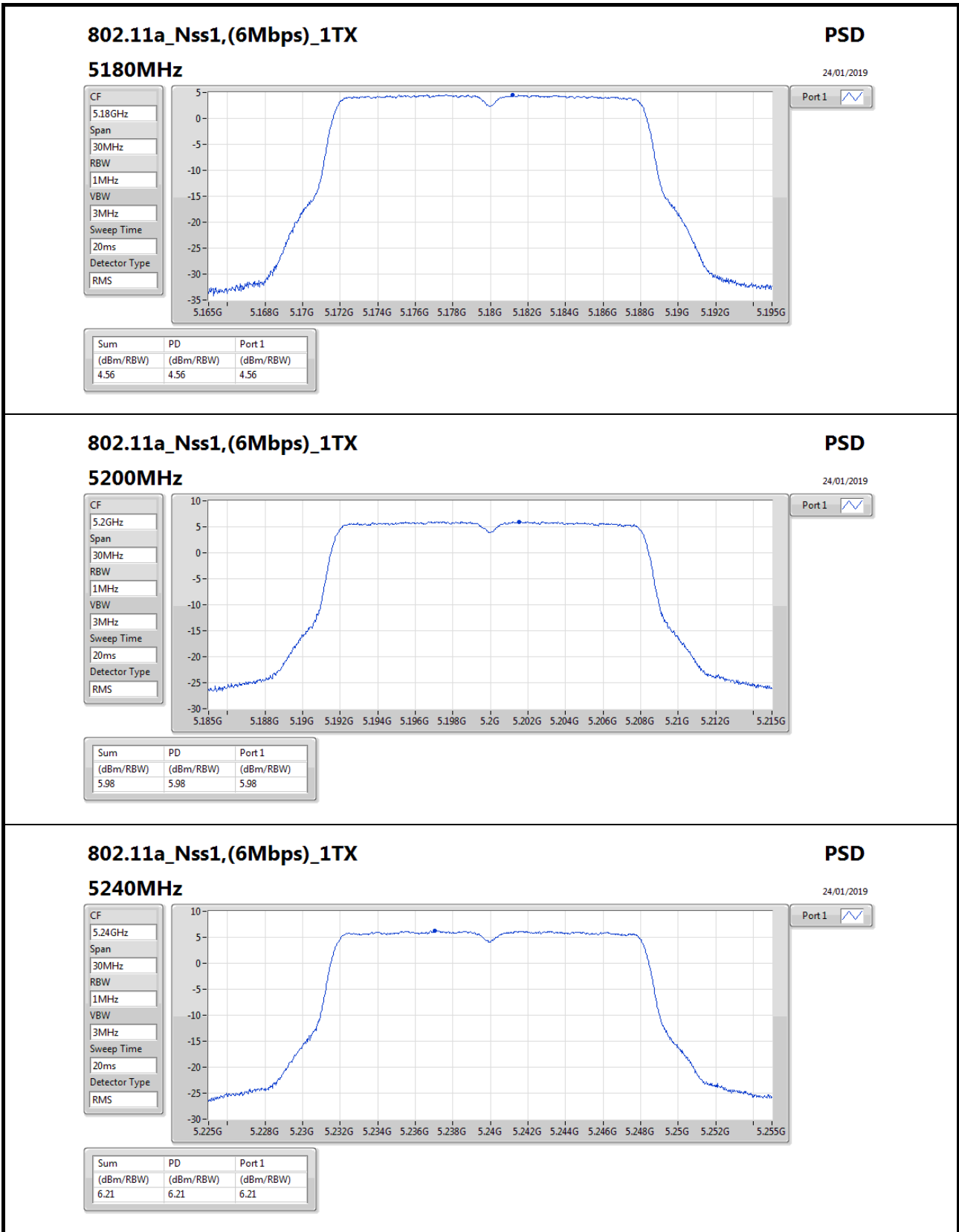


**PSD Result\_Radio 2**

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	6.00	4.56	4.56	17.00
5200MHz	Pass	6.00	5.98	5.98	17.00
5240MHz	Pass	6.00	6.21	6.21	17.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	6.00	3.17	3.17	17.00
5200MHz	Pass	6.00	5.92	5.92	17.00
5240MHz	Pass	6.00	5.94	5.94	17.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	6.00	-0.71	-0.71	17.00
5230MHz	Pass	6.00	3.06	3.06	17.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	6.00	-3.54	-3.54	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;



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

#### 5240MHz

PSD

24/01/2019

CF  
5.24GHz

Span  
30MHz

RBW  
1MHz

VBW  
3MHz

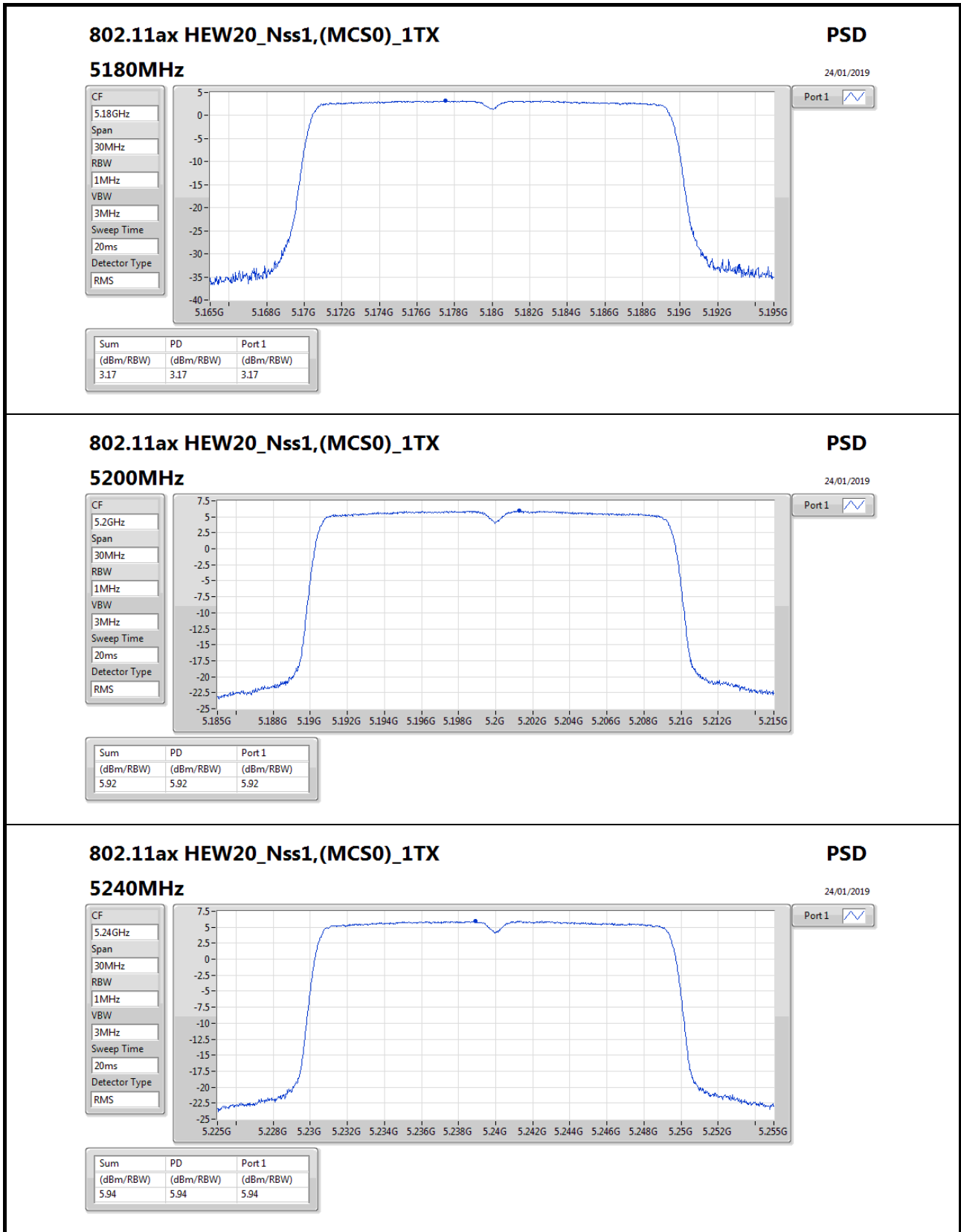
Sweep Time  
20ms

Detector Type  
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.21	6.21	6.21



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

#### 5240MHz

### PSD

24/01/2019

CF  
5.24GHz

Span  
30MHz

RBW  
1MHz

VBW  
3MHz

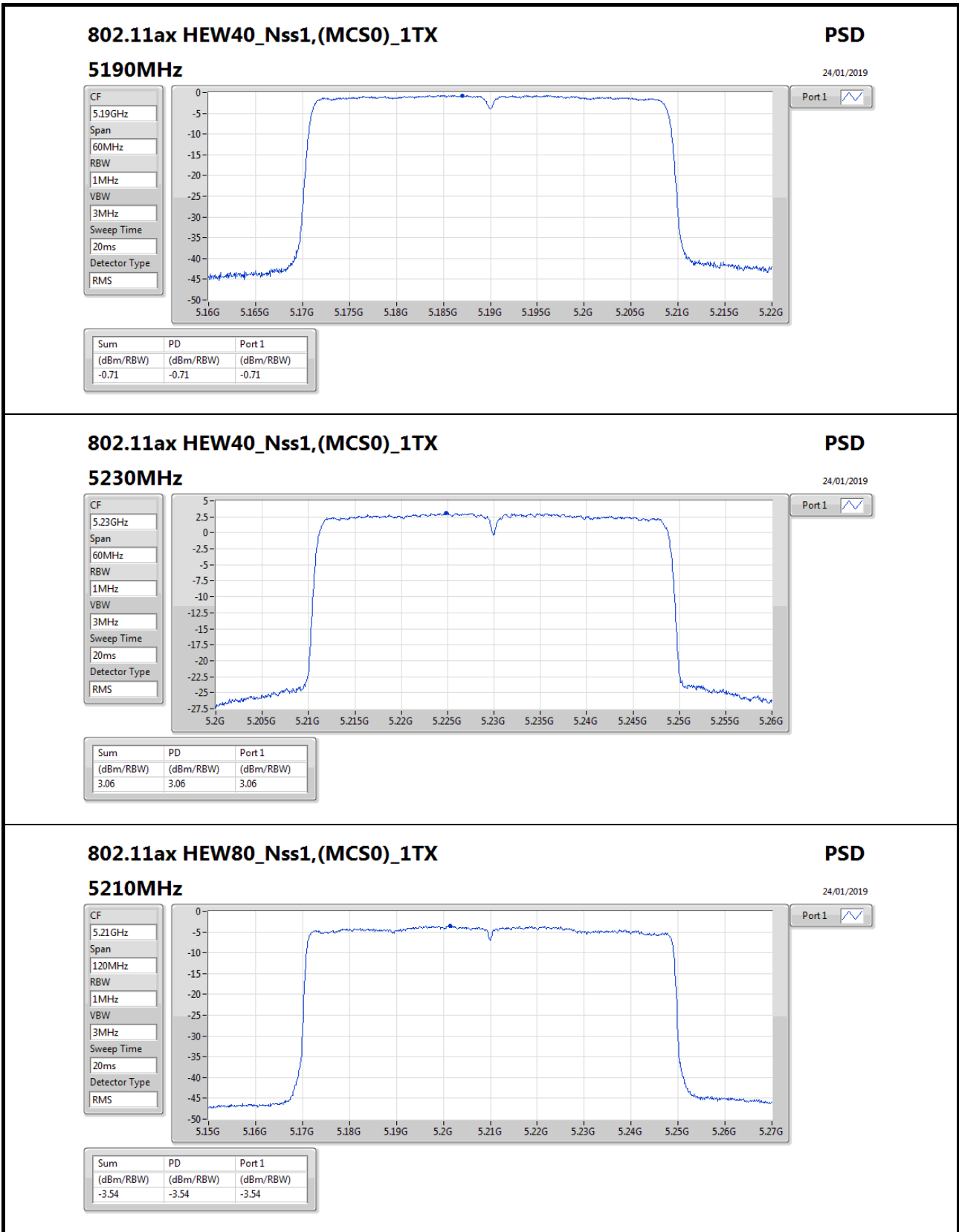
Sweep Time  
20ms

Detector Type  
RMS



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.94	5.94	5.94



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

#### 5210MHz

PSD

24/01/2019

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)
-3.54	-3.54	-3.54



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

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20_Nss2,(MCS0)_2TX	9.20
802.11ax HEW40_Nss2,(MCS0)_2TX	5.32
802.11ax HEW80_Nss2,(MCS0)_2TX	-3.25

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



**PSD Result\_Radio 2**

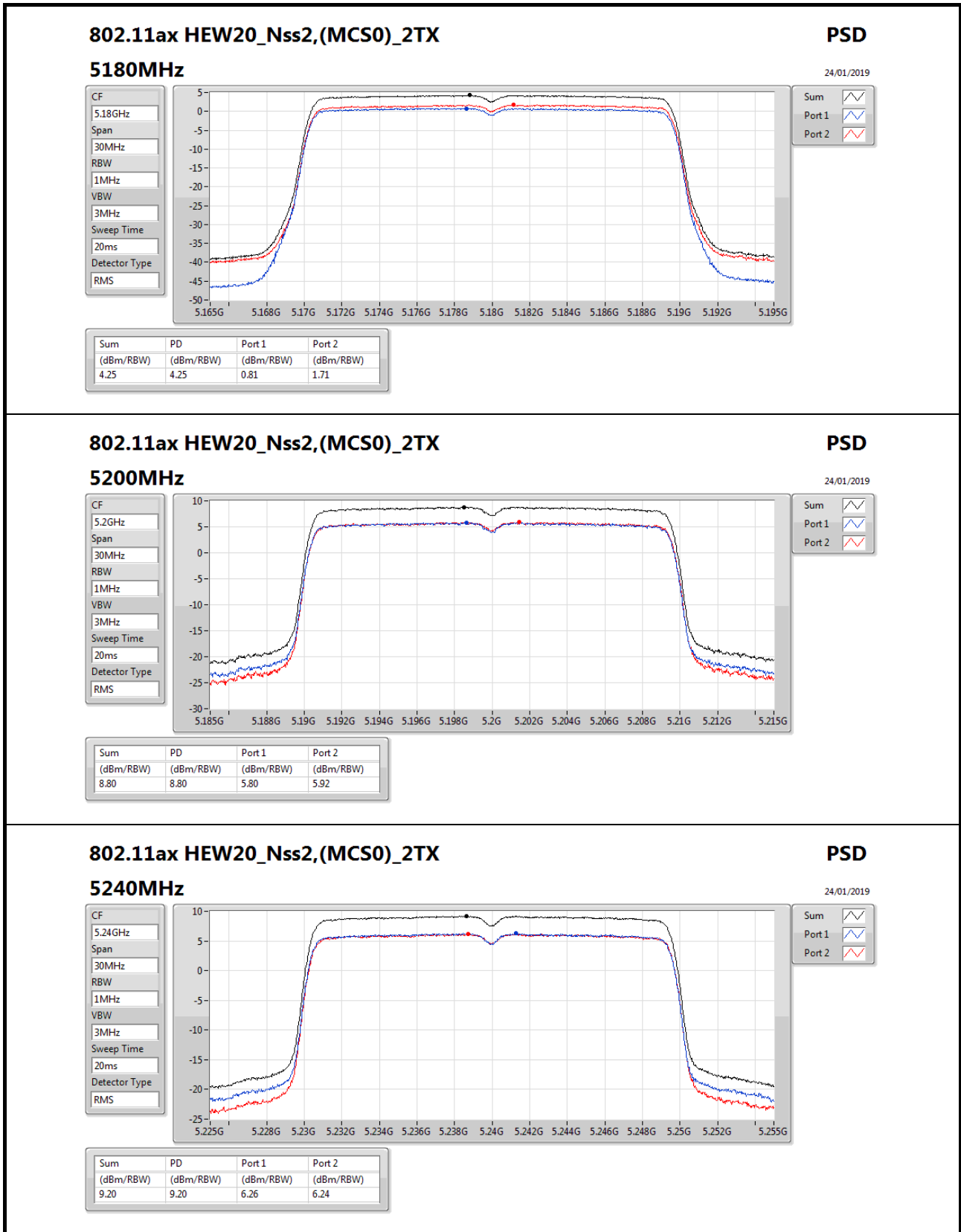
**Result**

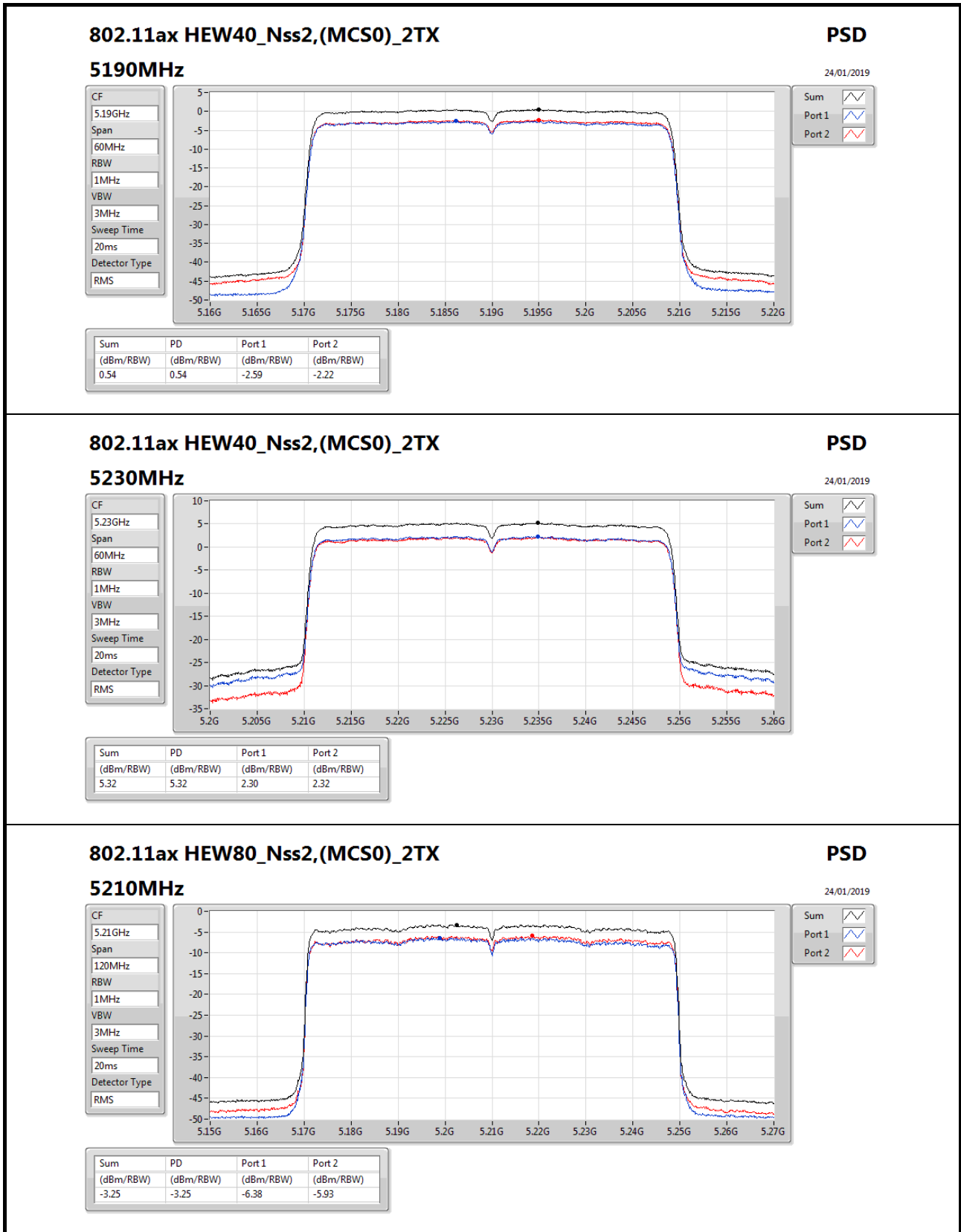
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	6.00	0.81	1.71	4.25	17.00
5200MHz	Pass	6.00	5.80	5.92	8.80	17.00
5240MHz	Pass	6.00	6.26	6.24	9.20	17.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	6.00	-2.59	-2.22	0.54	17.00
5230MHz	Pass	6.00	2.30	2.32	5.32	17.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	6.00	-6.38	-5.93	-3.25	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 HEW80\_Nss2,(MCS0)\_2TX

#### 5210MHz

### PSD

24/01/2019

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	10.86
802.11ax HEW20_Nss1,(MCS0)_4TX	10.76
802.11ax HEW40_Nss1,(MCS0)_4TX	6.17
802.11ax HEW80_Nss1,(MCS0)_4TX	-2.78

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



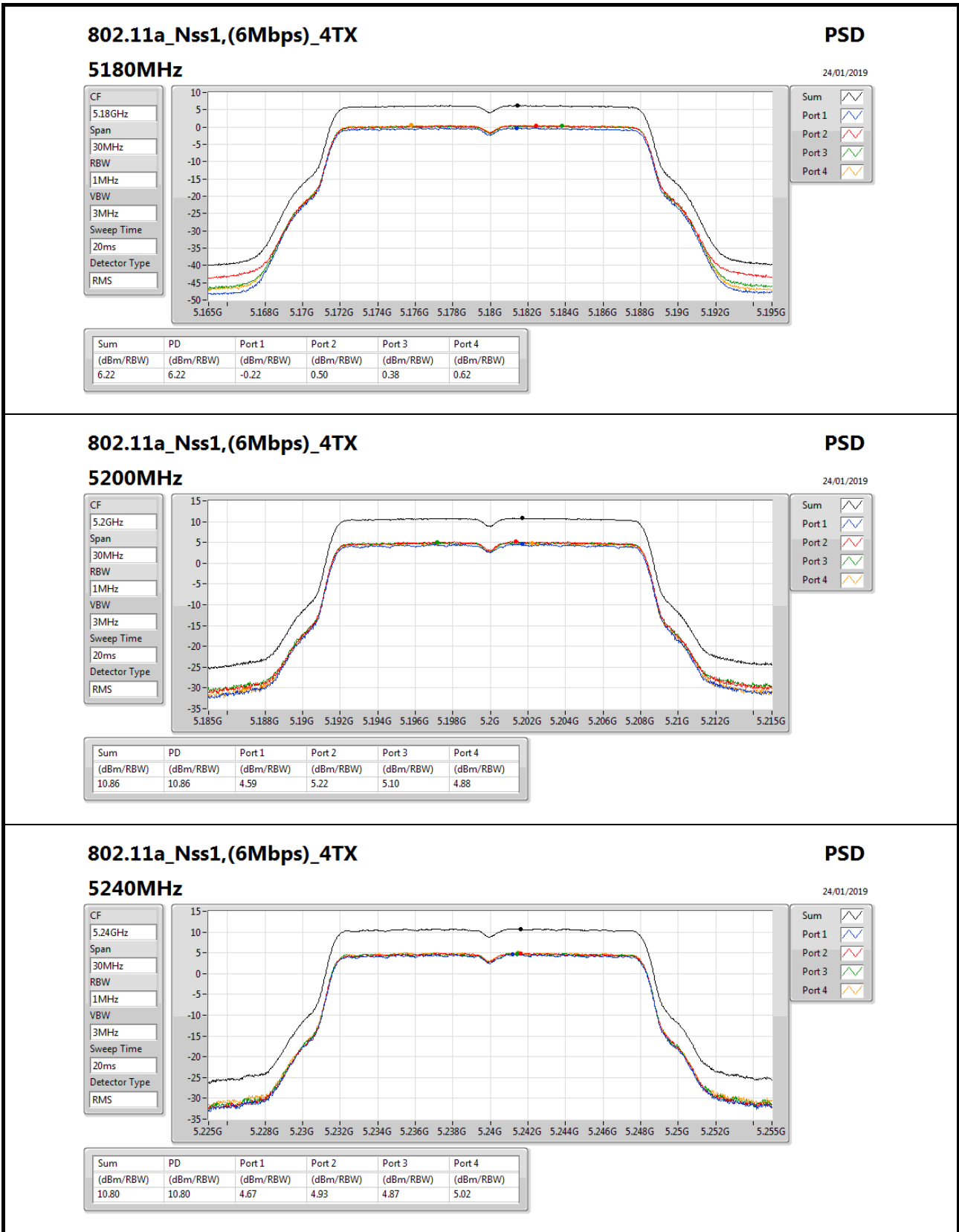
**PSD Result\_Radio 2**

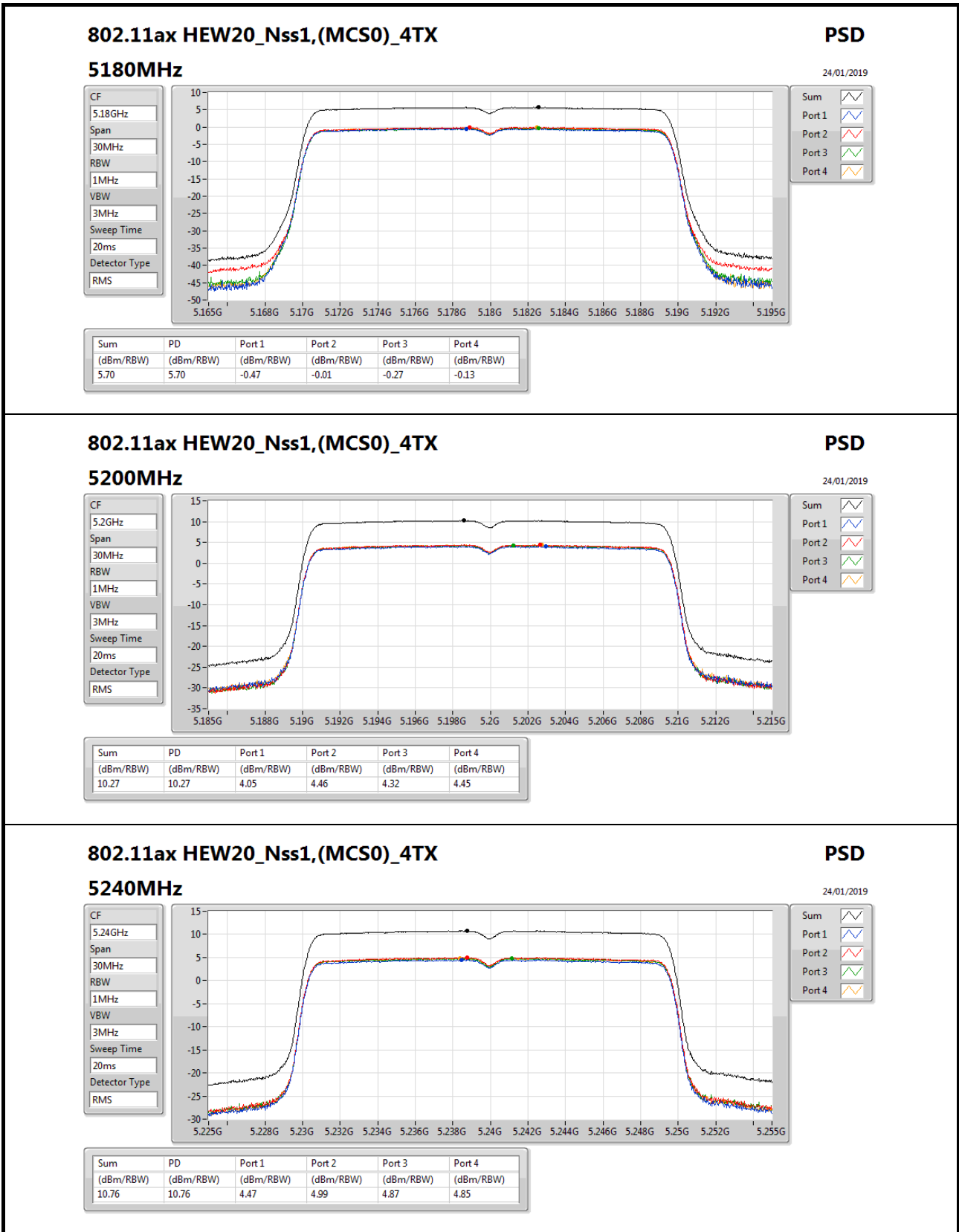
**Result**

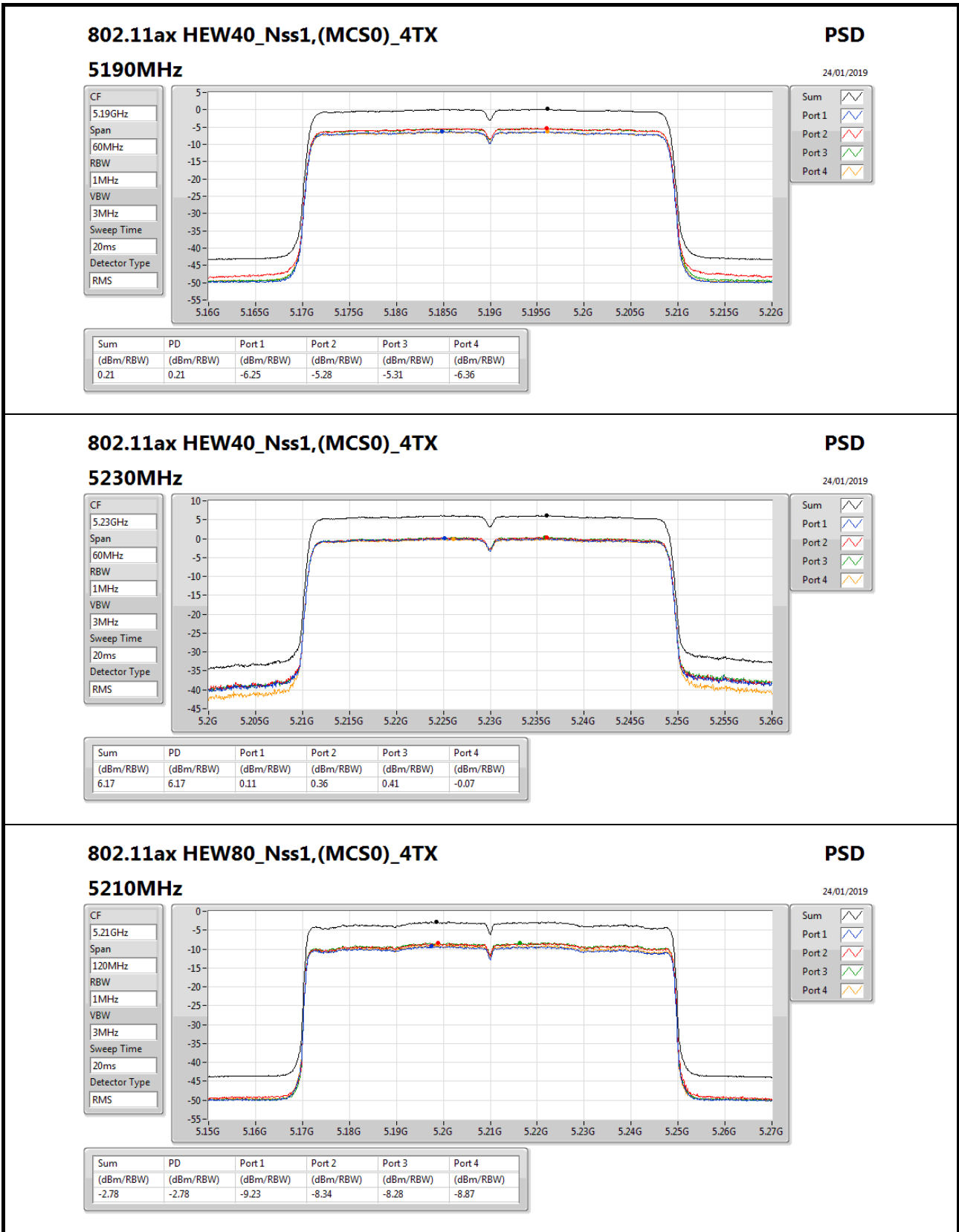
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	12.02	-0.22	0.50	0.38	0.62	6.22	10.98
5200MHz	Pass	12.02	4.59	5.22	5.10	4.88	10.86	10.98
5240MHz	Pass	12.02	4.67	4.93	4.87	5.02	10.80	10.98
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	12.02	-0.47	-0.01	-0.27	-0.13	5.70	10.98
5200MHz	Pass	12.02	4.05	4.46	4.32	4.45	10.27	10.98
5240MHz	Pass	12.02	4.47	4.99	4.87	4.85	10.76	10.98
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	12.02	-6.25	-5.28	-5.31	-6.36	0.21	10.98
5230MHz	Pass	12.02	0.11	0.36	0.41	-0.07	6.17	10.98
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	12.02	-9.23	-8.34	-8.28	-8.87	-2.78	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 Beamforming / 4T1S mode  
Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	7.88
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	4.63
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	0.50

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





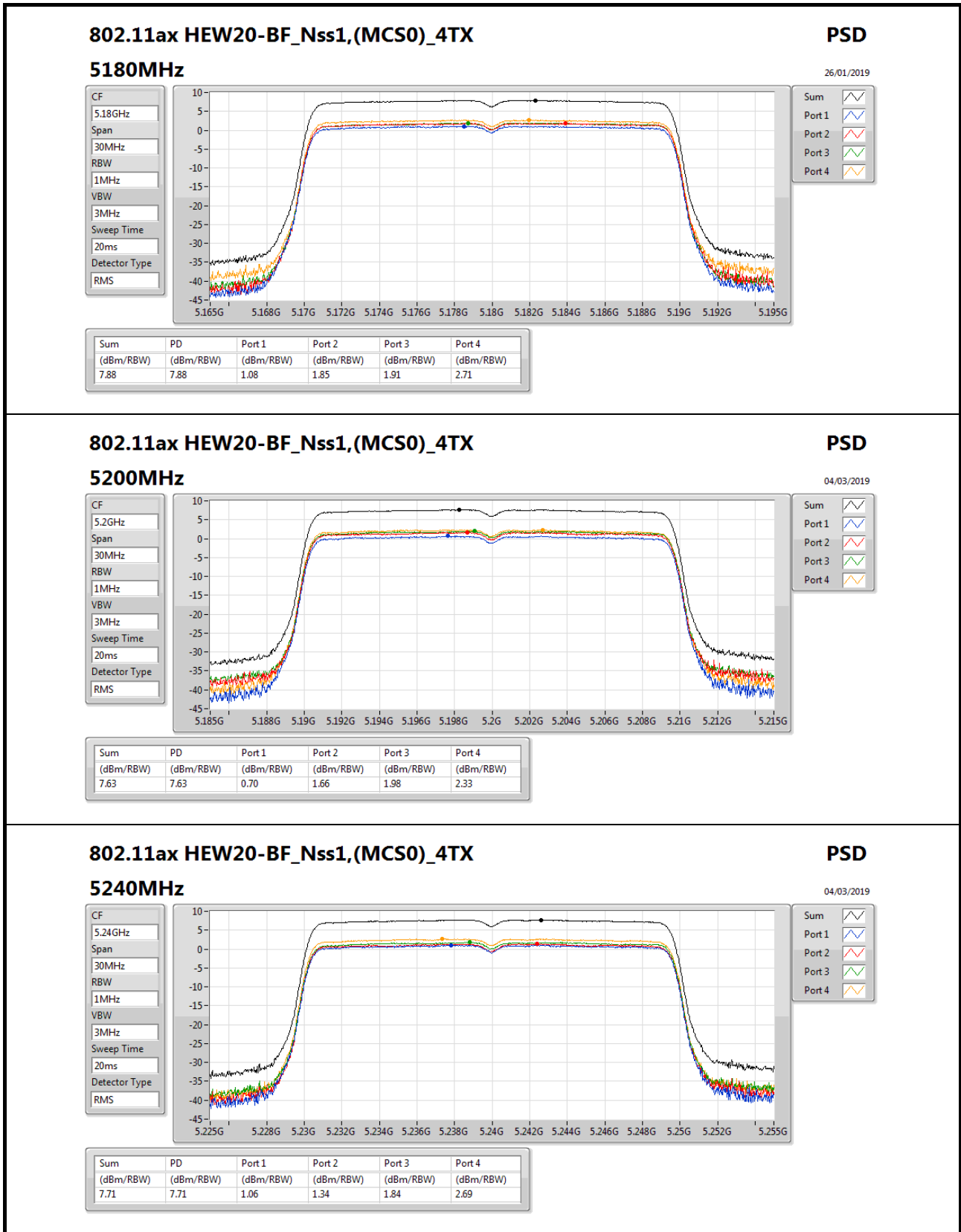
**PSD Result\_Radio 2**

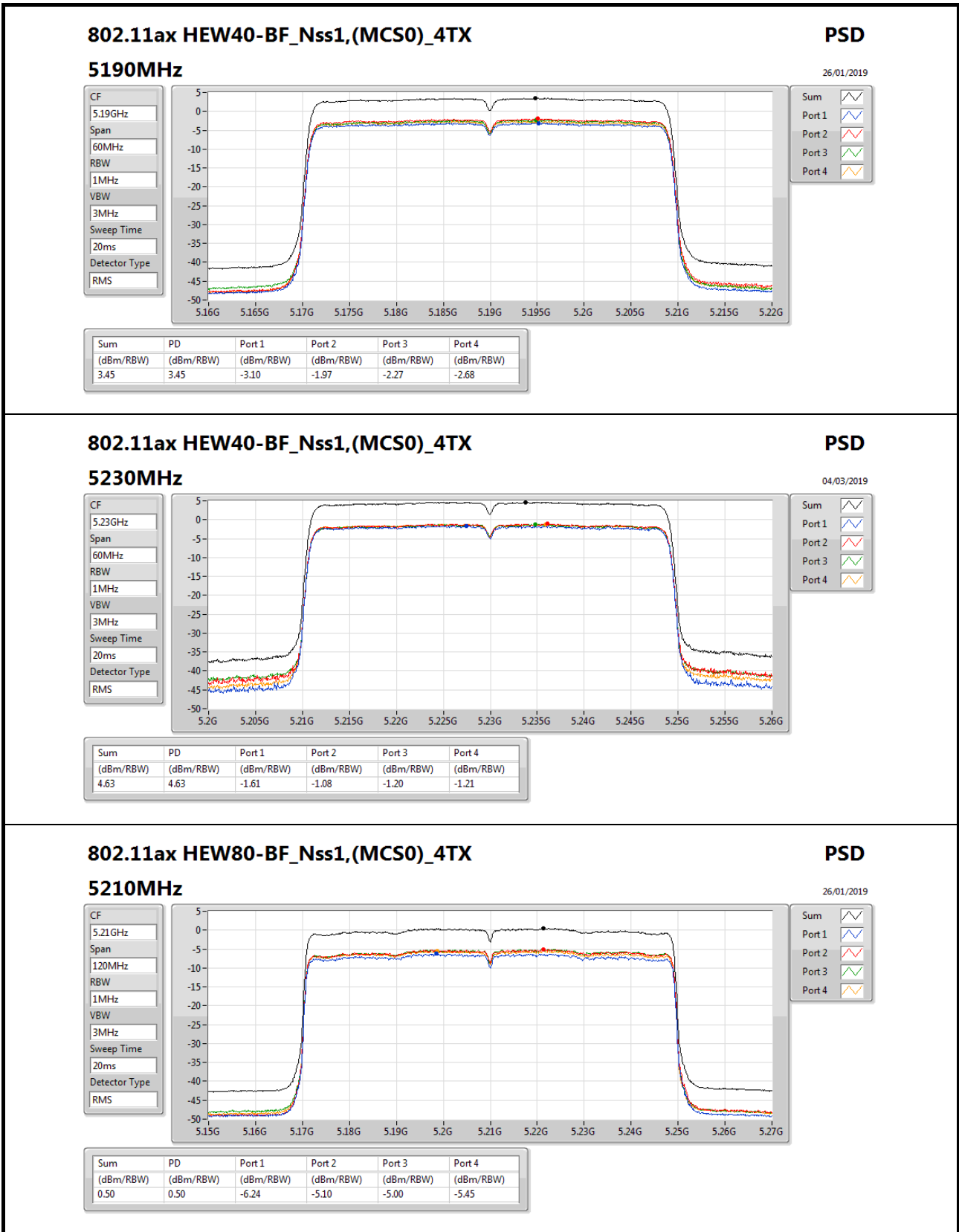
**Result**

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	12.02	1.08	1.85	1.91	2.71	7.88	10.98
5200MHz	Pass	12.02	0.70	1.66	1.98	2.33	7.63	10.98
5240MHz	Pass	12.02	1.06	1.34	1.84	2.69	7.71	10.98
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	12.02	-3.10	-1.97	-2.27	-2.68	3.45	10.98
5230MHz	Pass	12.02	-1.61	-1.08	-1.20	-1.21	4.63	10.98
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	12.02	-6.24	-5.10	-5.00	-5.45	0.50	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	11.86
802.11ax HEW40_Nss4,(MCS0)_4TX	6.37
802.11ax HEW80_Nss4,(MCS0)_4TX	-2.29

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



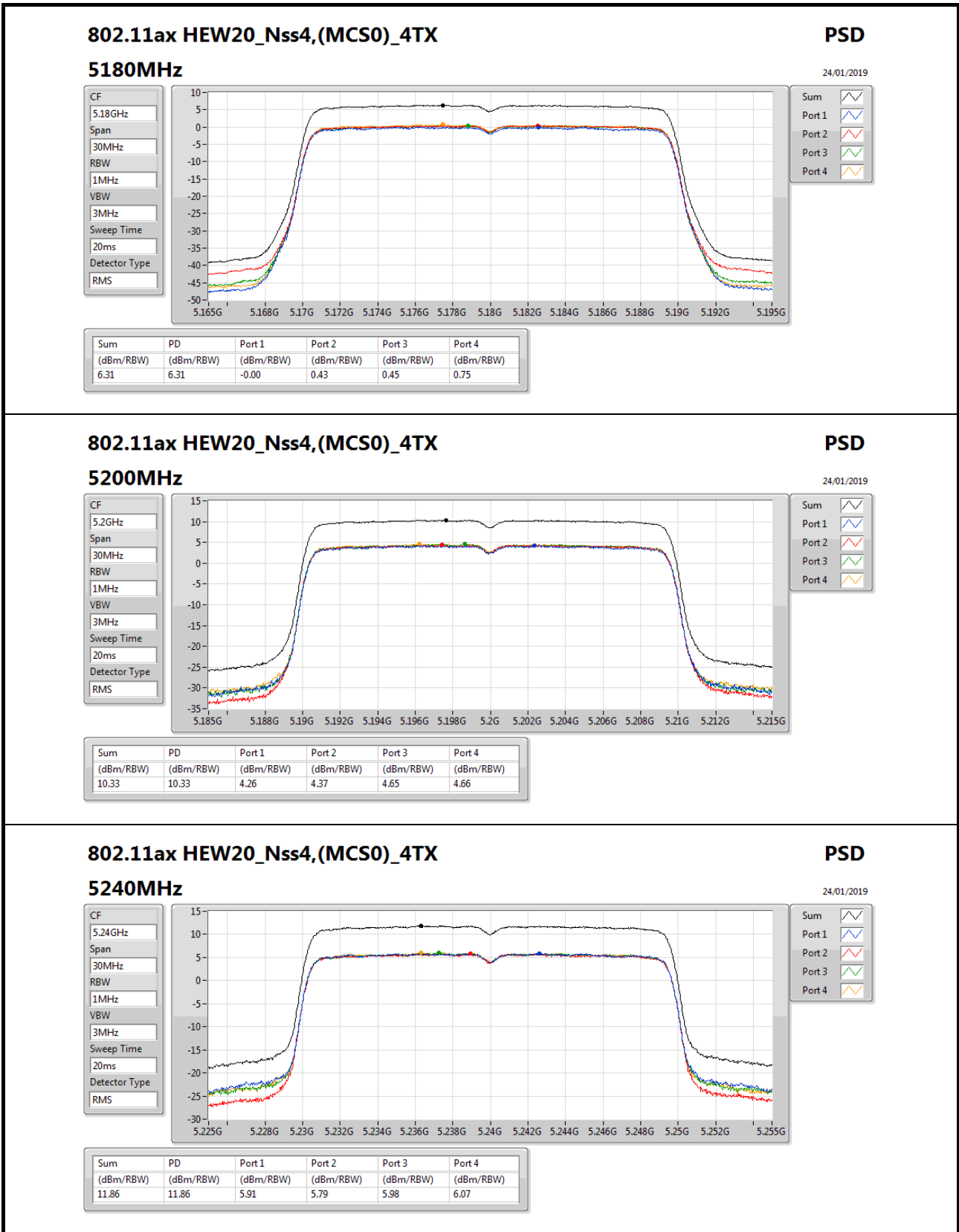
**PSD Result\_Radio 2**

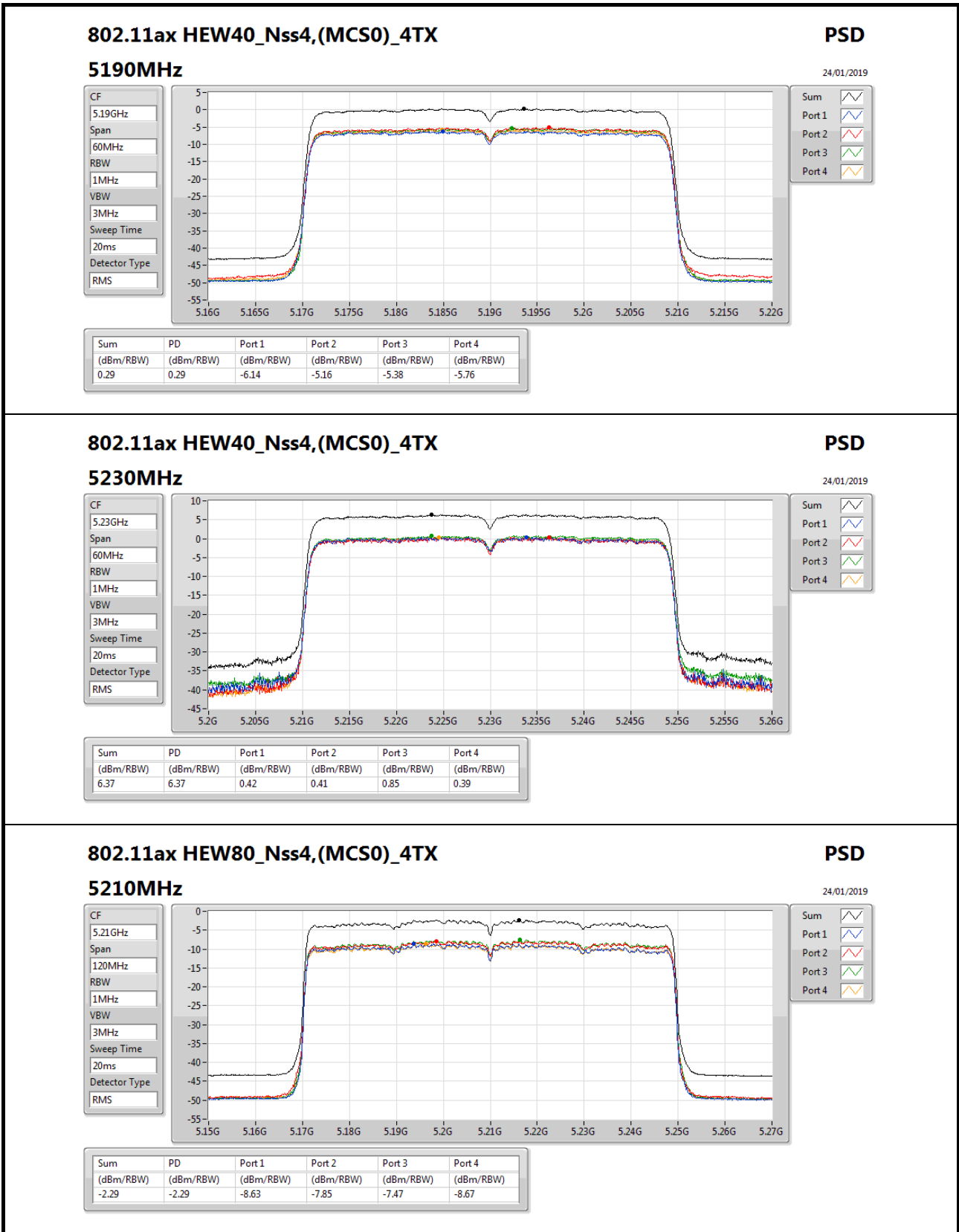
**Result**

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_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.00	-0.00	0.43	0.45	0.75	6.31	17.00
5200MHz	Pass	6.00	4.26	4.37	4.65	4.66	10.33	17.00
5240MHz	Pass	6.00	5.91	5.79	5.98	6.07	11.86	17.00
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	6.00	-6.14	-5.16	-5.38	-5.76	0.29	17.00
5230MHz	Pass	6.00	0.42	0.41	0.85	0.39	6.37	17.00
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	6.00	-8.63	-7.85	-7.47	-8.67	-2.29	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 HEW80\_Nss4,(MCS0)\_4TX

#### 5210MHz

**PSD**

24/01/2019

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.29	-2.29	-8.63	-7.85	-7.47	-8.67

Sum	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.29	-8.63	-7.85	-7.47	-8.67



**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	0.40
802.11ax HEW20_Nss1,(MCS0)_1TX	-0.30
802.11ax HEW40_Nss1,(MCS0)_1TX	-3.03
802.11ax HEW80_Nss1,(MCS0)_1TX	-5.63

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



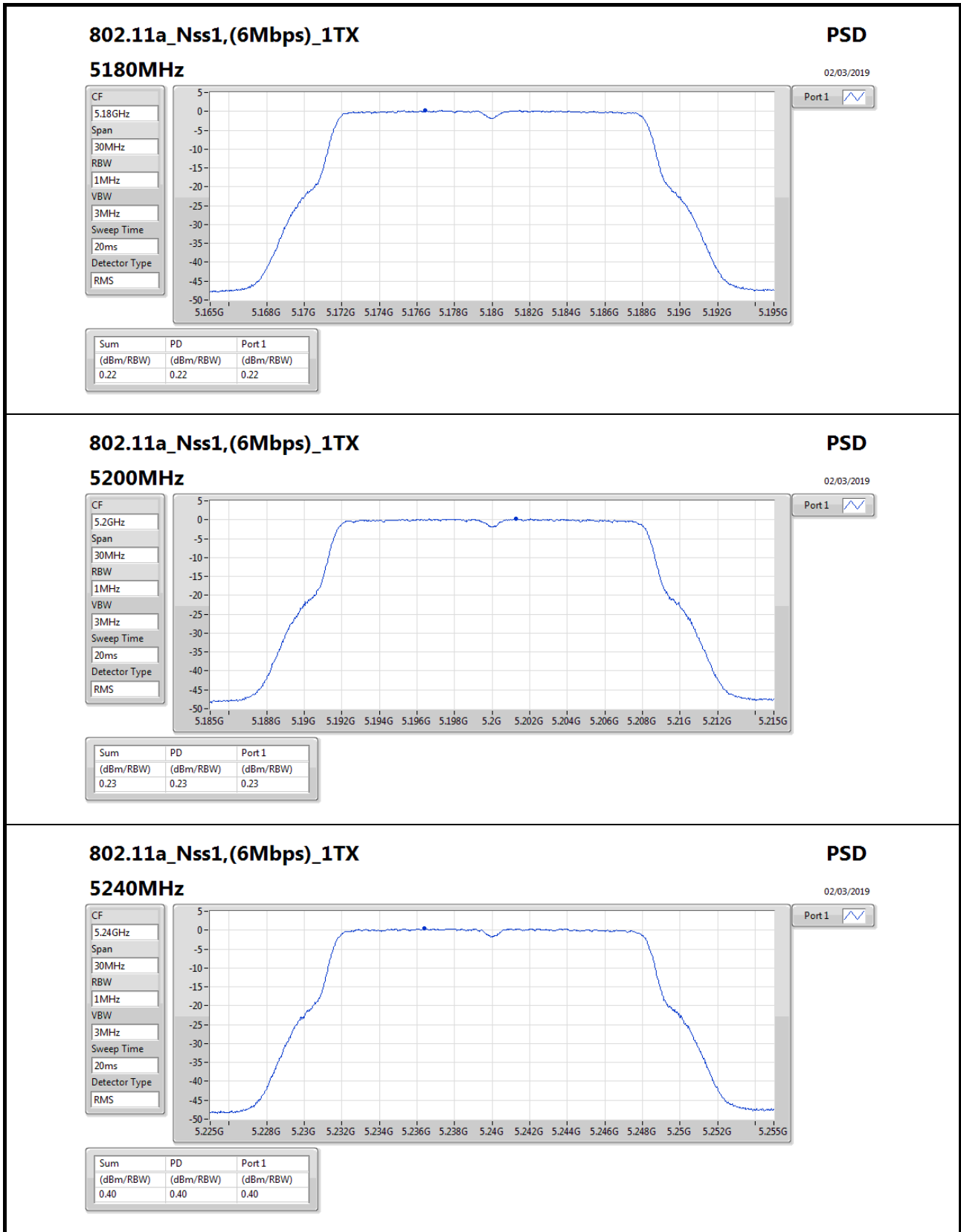


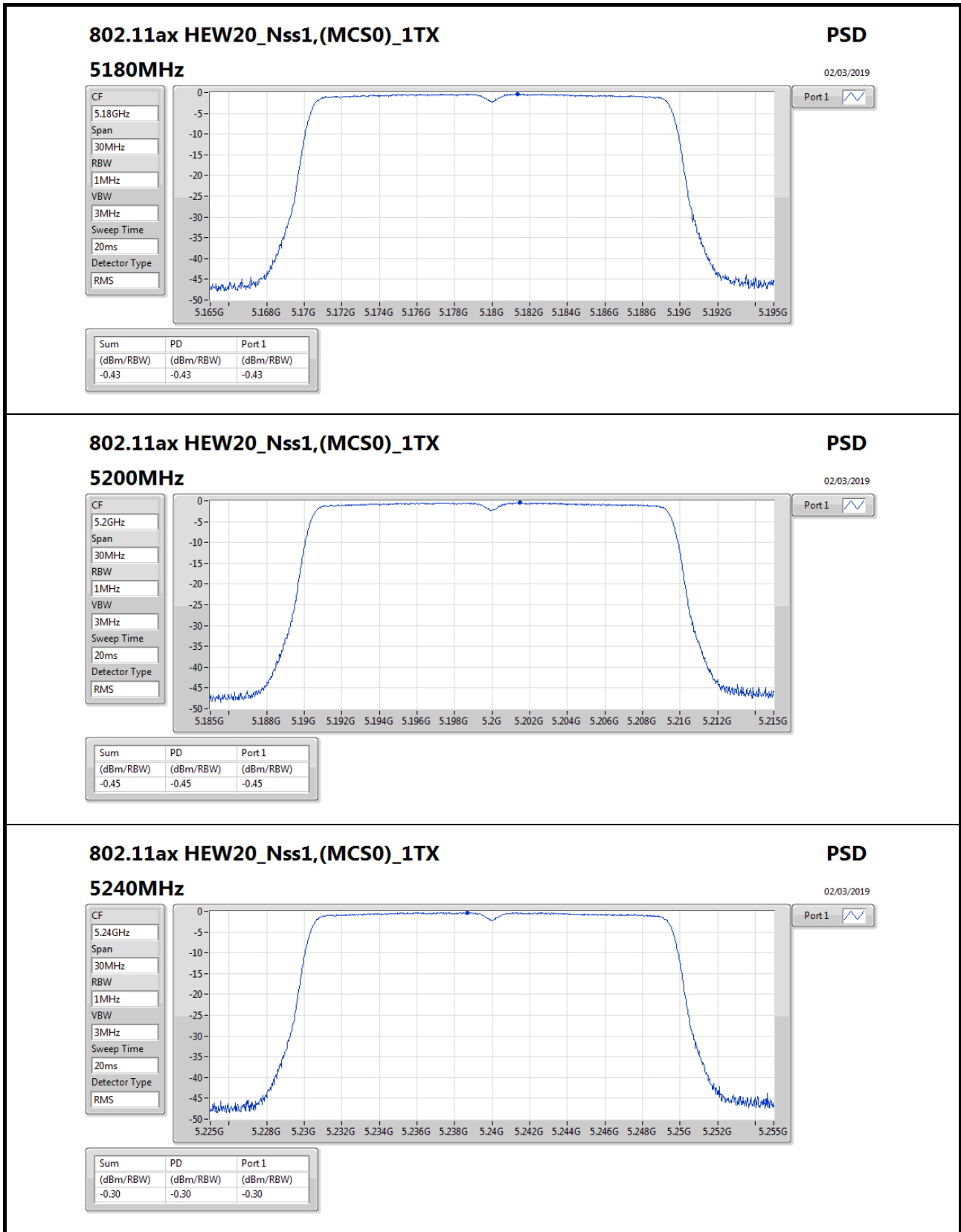
**PSD Result\_Radio 2**

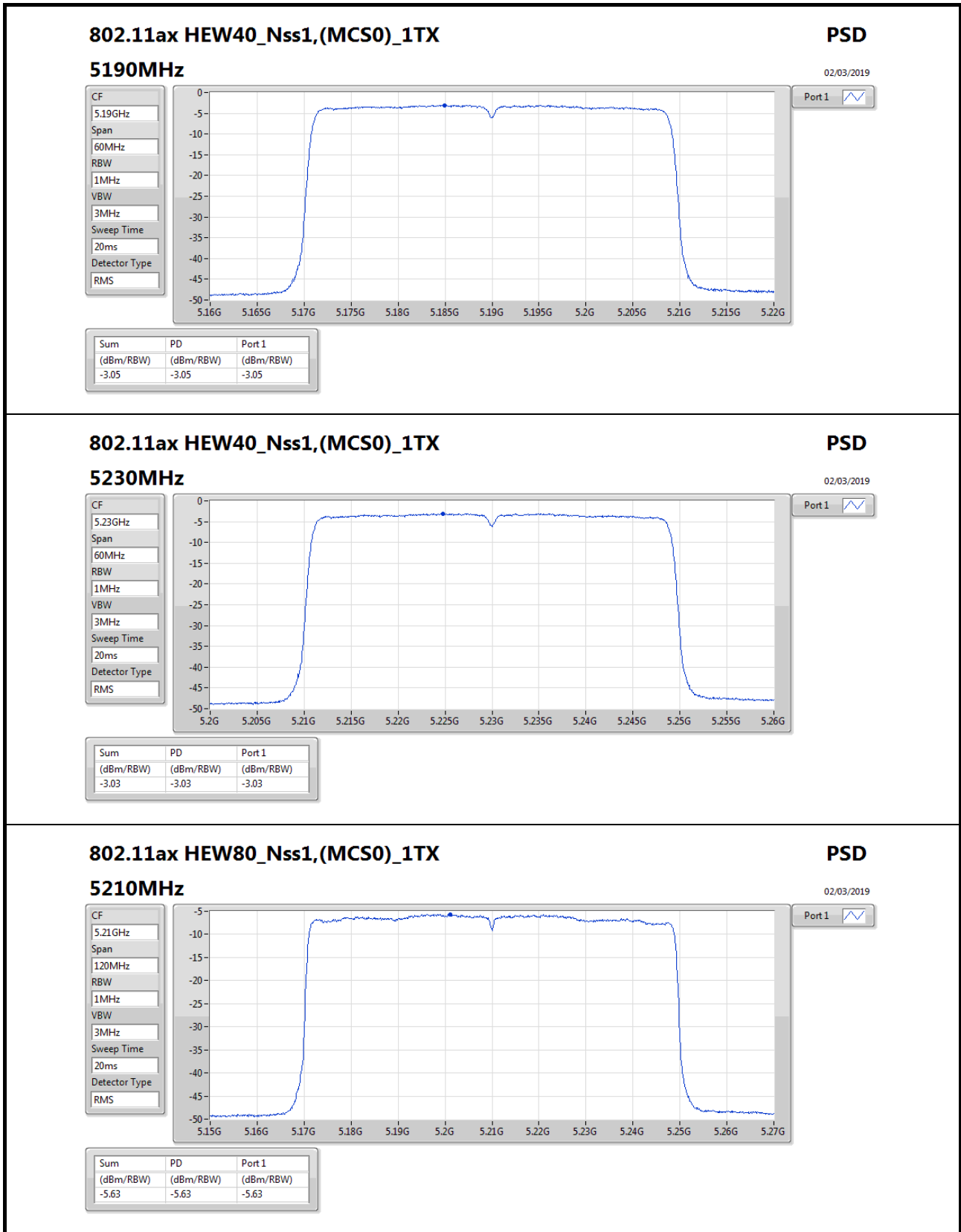
**Result**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	8.70	0.22	0.22	14.30
5200MHz	Pass	8.70	0.23	0.23	14.30
5240MHz	Pass	8.70	0.40	0.40	14.30
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	8.70	-0.43	-0.43	14.30
5200MHz	Pass	8.70	-0.45	-0.45	14.30
5240MHz	Pass	8.70	-0.30	-0.30	14.30
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	8.70	-3.05	-3.05	14.30
5230MHz	Pass	8.70	-3.03	-3.03	14.30
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	8.70	-5.63	-5.63	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;









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

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20_Nss2,(MCS0)_2TX	-0.04
802.11ax HEW40_Nss2,(MCS0)_2TX	-2.97
802.11ax HEW80_Nss2,(MCS0)_2TX	-6.02

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



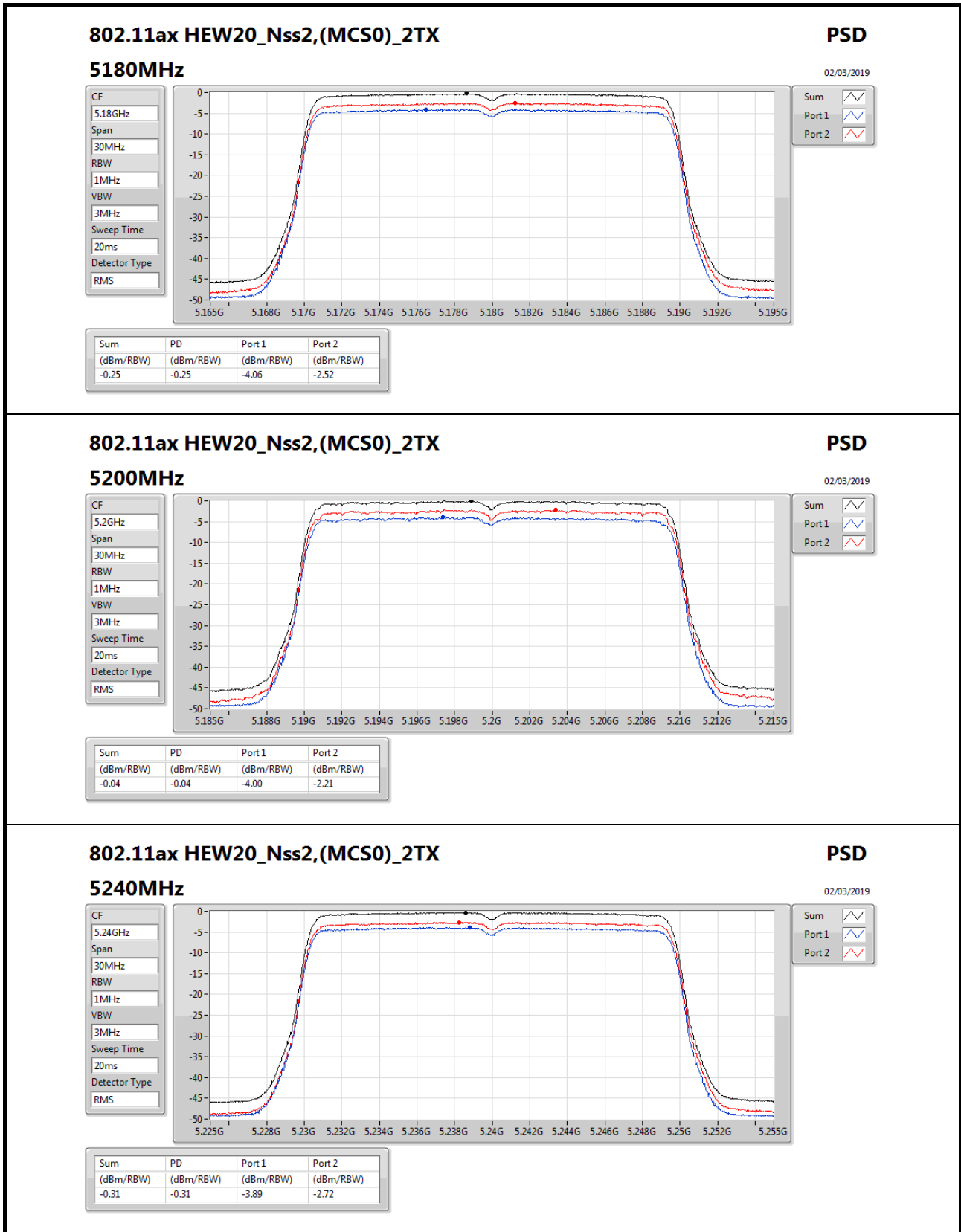
**PSD Result\_Radio 2**

**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	8.70	-4.06	-2.52	-0.25	14.30
5200MHz	Pass	8.70	-4.00	-2.21	-0.04	14.30
5240MHz	Pass	8.70	-3.89	-2.72	-0.31	14.30
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	8.70	-6.43	-5.47	-2.97	14.30
5230MHz	Pass	8.70	-6.47	-5.45	-2.98	14.30
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	8.70	-9.68	-8.34	-6.02	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

02/03/2019

CF  
5.24GHz

Span  
30MHz

RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

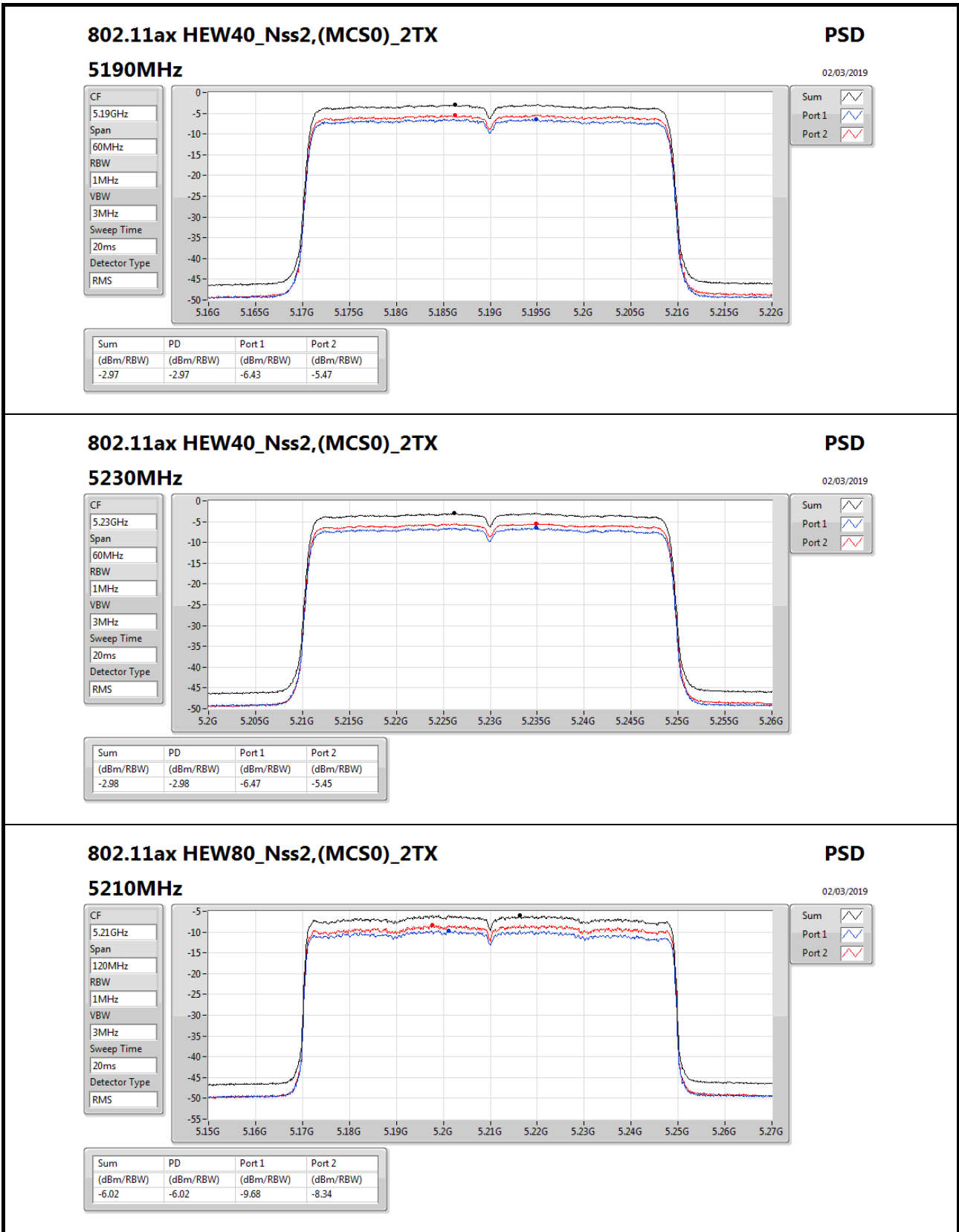
Detector Type  
RMS



Sum 

Port 1 

Port 2 







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

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	0.24
802.11ax HEW20_Nss1,(MCS0)_4TX	-0.25
802.11ax HEW40_Nss1,(MCS0)_4TX	-3.07
802.11ax HEW80_Nss1,(MCS0)_4TX	-6.07

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



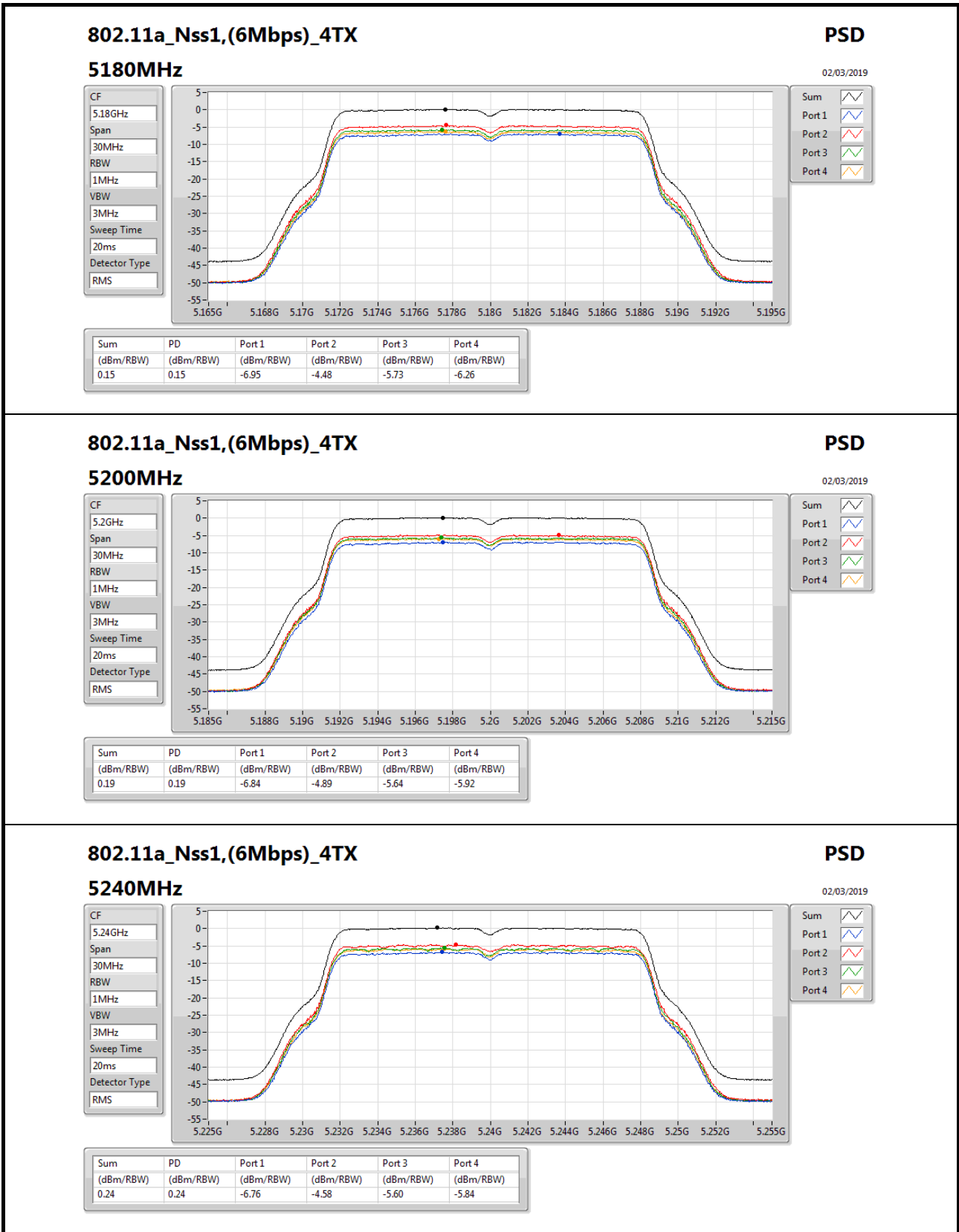
**PSD Result\_Radio 2**

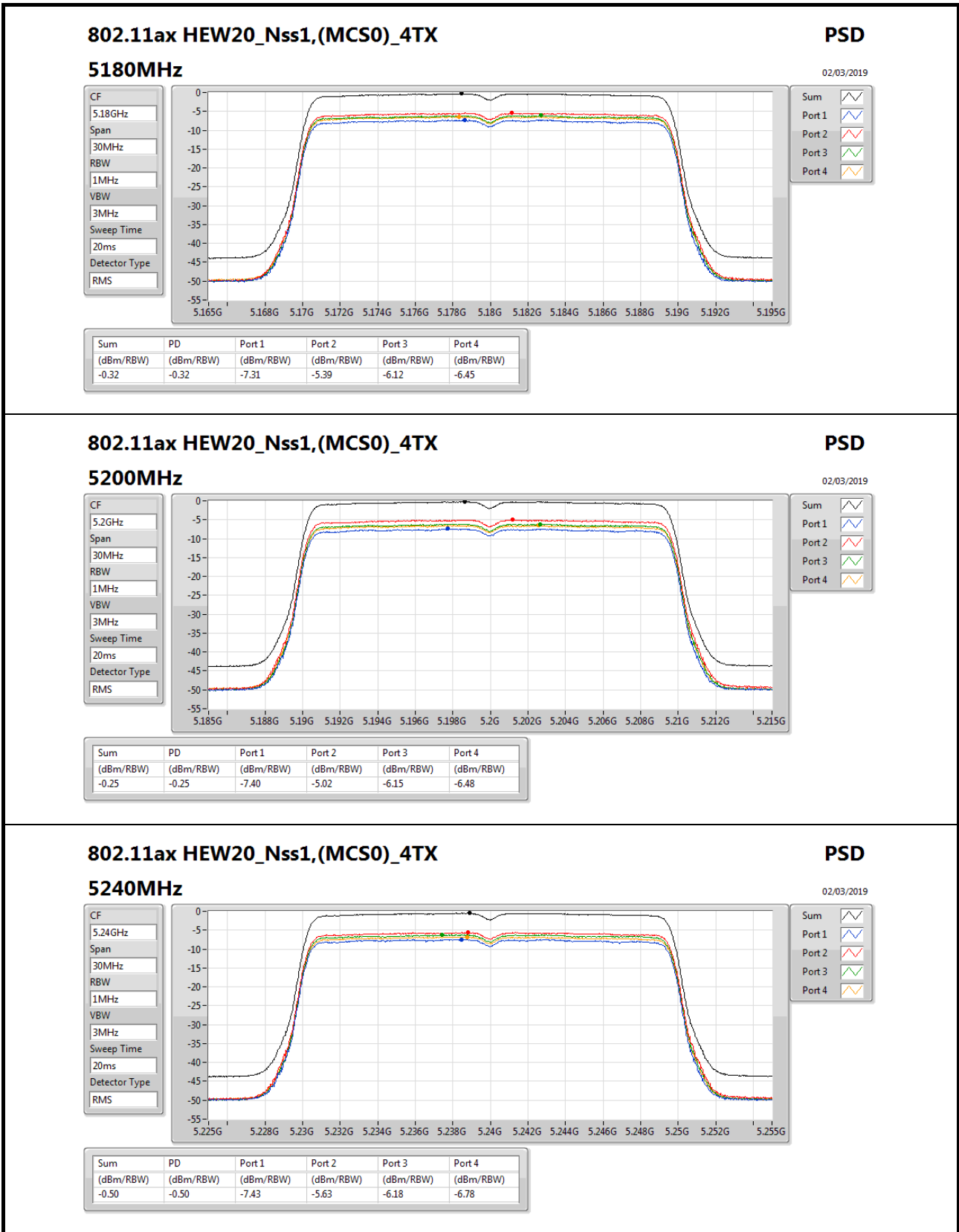
**Result**

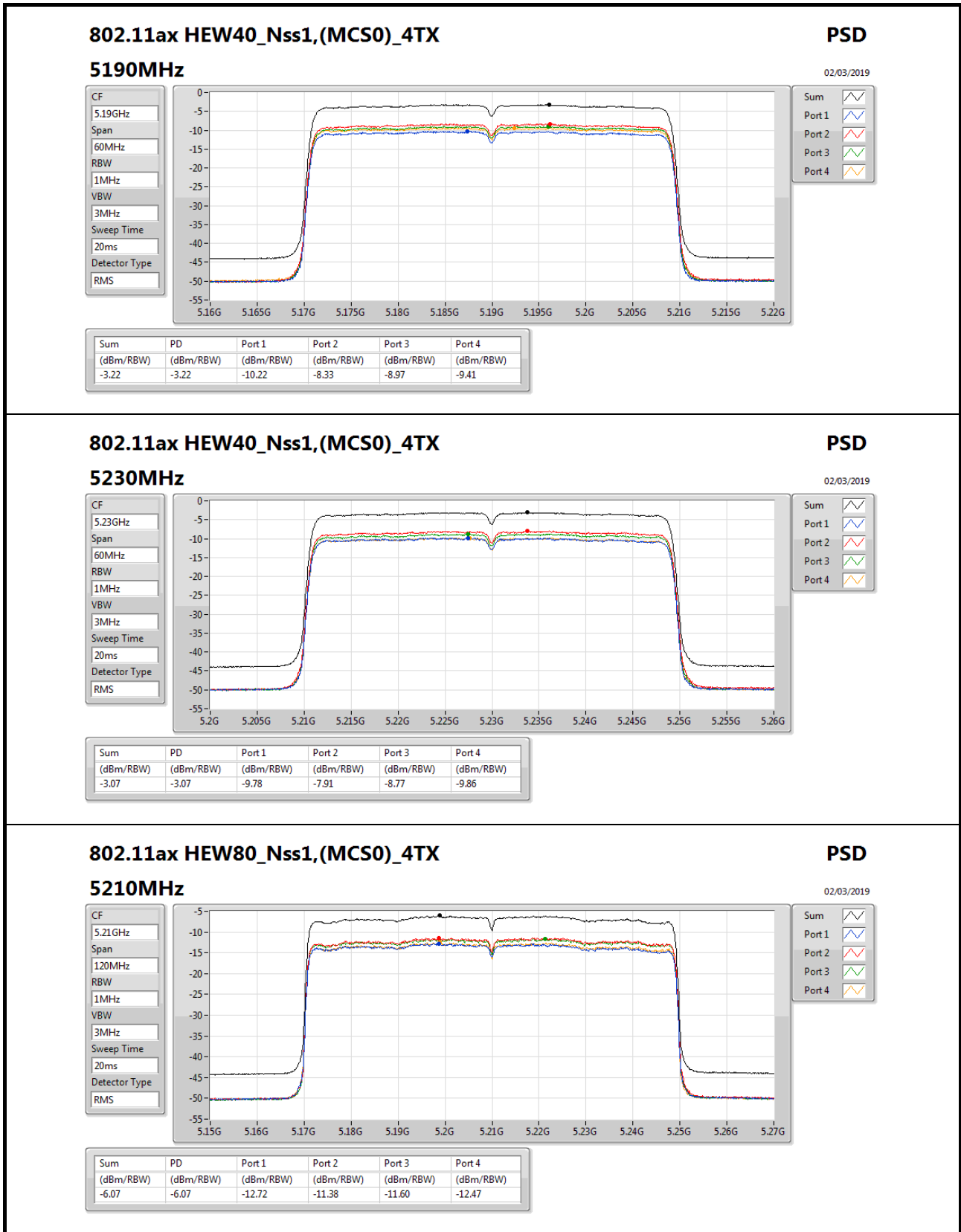
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	14.72	-6.95	-4.48	-5.73	-6.26	0.15	8.28
5200MHz	Pass	14.72	-6.84	-4.89	-5.64	-5.92	0.19	8.28
5240MHz	Pass	14.72	-6.76	-4.58	-5.60	-5.84	0.24	8.28
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	14.72	-7.31	-5.39	-6.12	-6.45	-0.32	8.28
5200MHz	Pass	14.72	-7.40	-5.02	-6.15	-6.48	-0.25	8.28
5240MHz	Pass	14.72	-7.43	-5.63	-6.18	-6.78	-0.50	8.28
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	14.72	-10.22	-8.33	-8.97	-9.41	-3.22	8.28
5230MHz	Pass	14.72	-9.78	-7.91	-8.77	-9.86	-3.07	8.28
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	14.72	-12.72	-11.38	-11.60	-12.47	-6.07	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;







### 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	-5.91
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-9.01
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-12.28

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



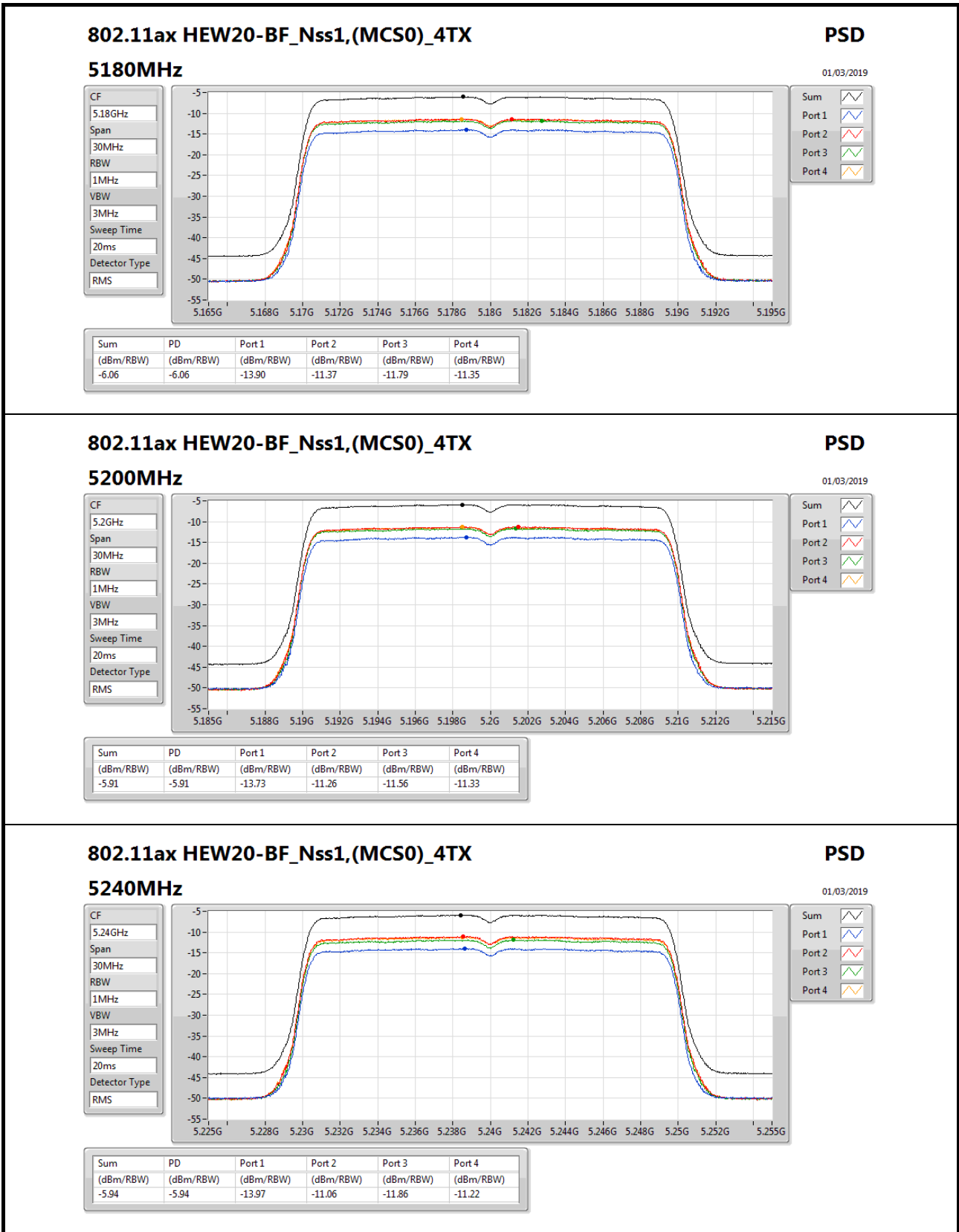
**PSD Result\_Radio 2**

**Result**

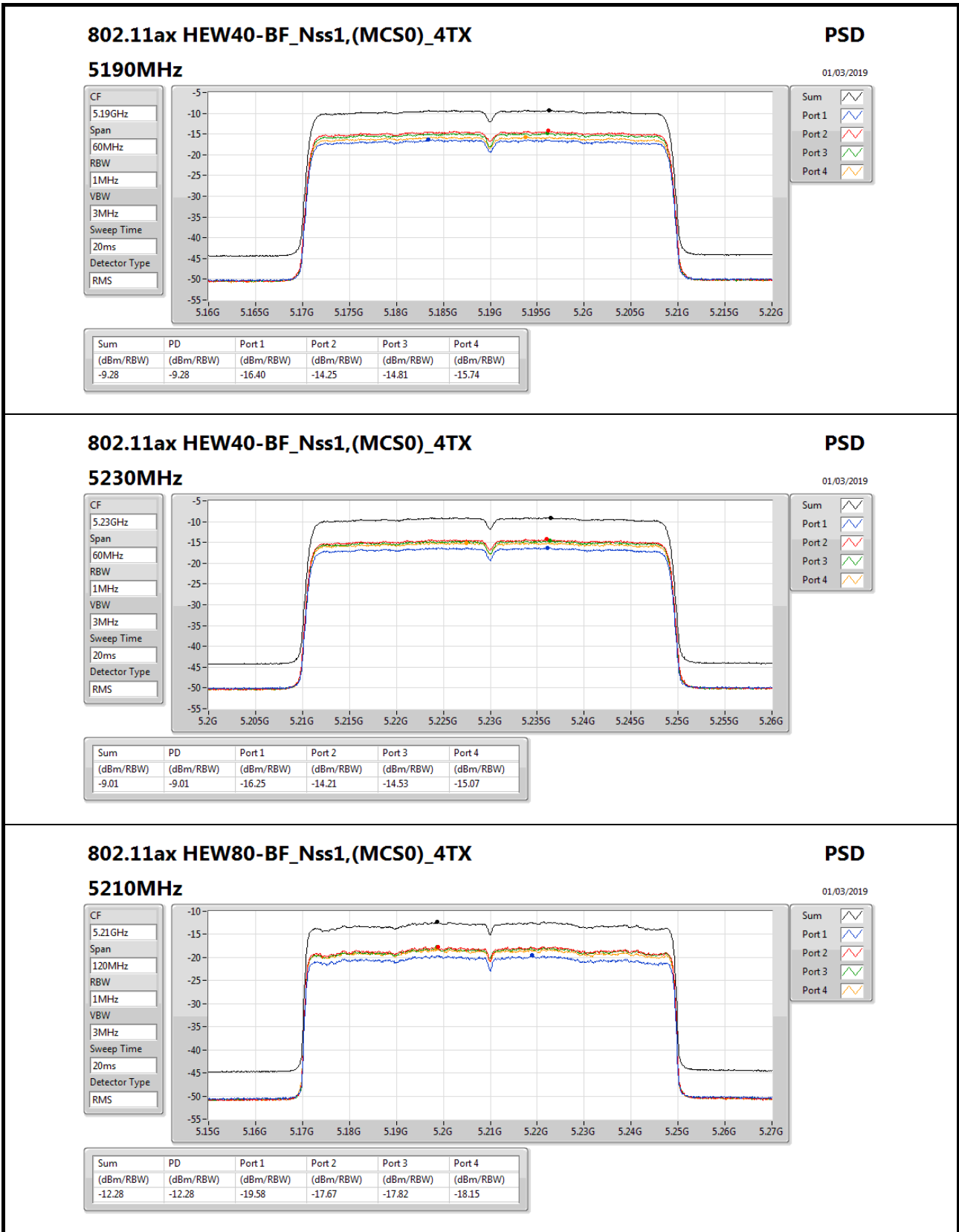
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	14.72	-13.90	-11.37	-11.79	-11.35	-6.06	8.28
5200MHz	Pass	14.72	-13.73	-11.26	-11.56	-11.33	-5.91	8.28
5240MHz	Pass	14.72	-13.97	-11.06	-11.86	-11.22	-5.94	8.28
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	14.72	-16.40	-14.25	-14.81	-15.74	-9.28	8.28
5230MHz	Pass	14.72	-16.25	-14.21	-14.53	-15.07	-9.01	8.28
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	14.72	-19.58	-17.67	-17.82	-18.15	-12.28	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	-0.14
802.11ax HEW40_Nss4,(MCS0)_4TX	-3.09
802.11ax HEW80_Nss4,(MCS0)_4TX	-5.59

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



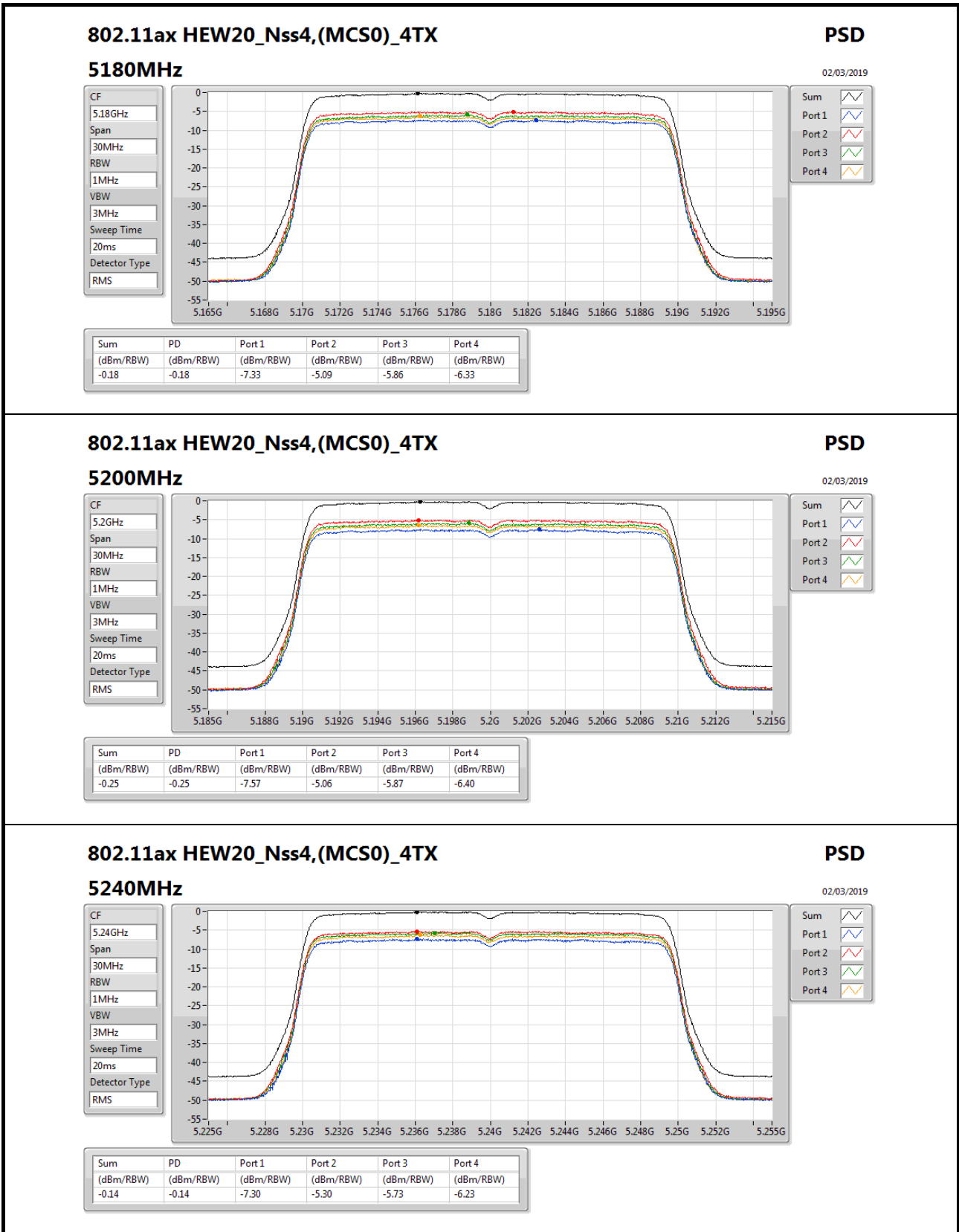
**PSD Result\_Radio 2**

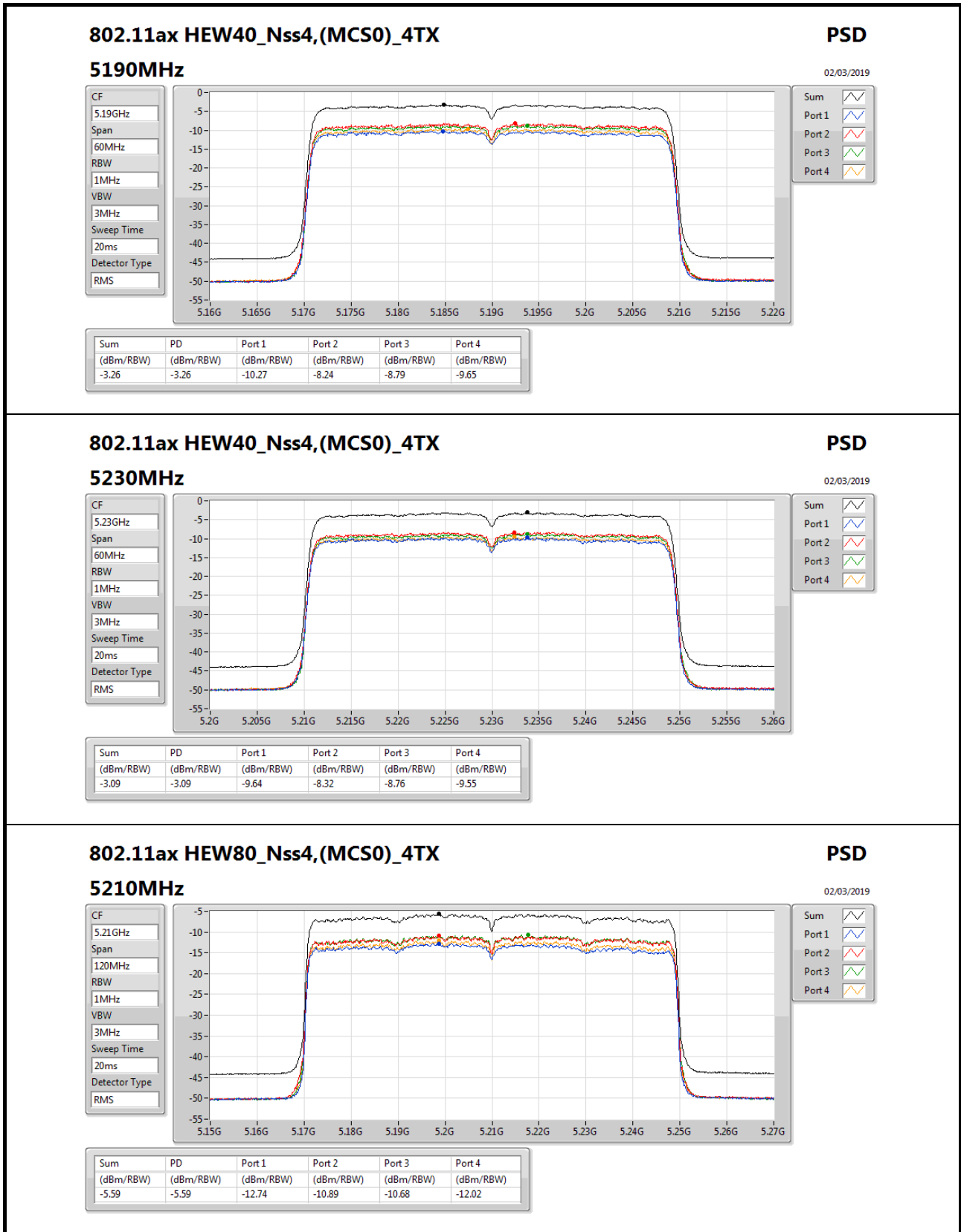
**Result**

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_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.70	-7.33	-5.09	-5.86	-6.33	-0.18	14.30
5200MHz	Pass	8.70	-7.57	-5.06	-5.87	-6.40	-0.25	14.30
5240MHz	Pass	8.70	-7.30	-5.30	-5.73	-6.23	-0.14	14.30
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.70	-10.27	-8.24	-8.79	-9.65	-3.26	14.30
5230MHz	Pass	8.70	-9.64	-8.32	-8.76	-9.55	-3.09	14.30
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.70	-12.74	-10.89	-10.68	-12.02	-5.59	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 HEW80\_Nss4,(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

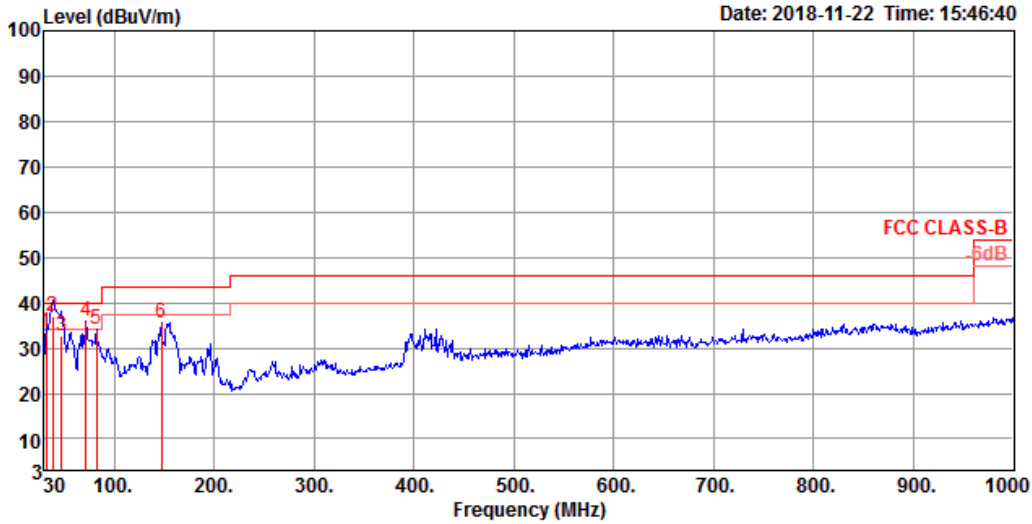


# Radiated Emission below 1GHz Result

Appendix E.1

<b>Test Mode</b>	Mode 7	<b>Frequency Range</b>	30 MHz to 1,000 MHz
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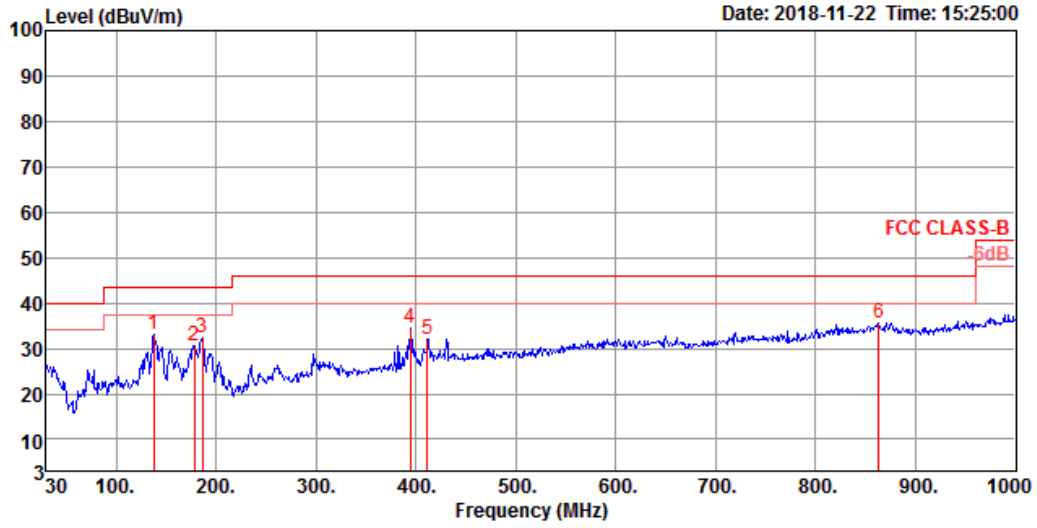
## Vertical 30 MHz to 1,000 MHz



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	31.94	33.45	40.00	-6.55	42.29	0.67	23.09	32.60	100	53 QP	VERTICAL
2	38.73	36.93	40.00	-3.07	49.50	0.88	19.15	32.60	100	2 QP	VERTICAL
3	47.46	32.60	40.00	-7.40	49.20	0.98	15.01	32.59	112	21 QP	VERTICAL
4	71.71	35.89	40.00	-4.11	55.23	1.18	12.05	32.57	200	71 Peak	VERTICAL
5	82.38	34.00	40.00	-6.00	52.20	1.30	13.06	32.56	125	144 Peak	VERTICAL
6	147.37	35.60	43.50	-7.90	49.68	1.89	16.54	32.51	125	218 Peak	VERTICAL



Horizontal 30 MHz to 1,000 MHz



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	PoI/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	137.67	33.10	43.50	-10.40	46.51	1.87	17.24	32.52	300	272 Peak	HORIZONTAL
2	178.41	30.71	43.50	-12.79	46.07	2.04	15.09	32.49	200	210 Peak	HORIZONTAL
3	186.17	32.24	43.50	-11.26	47.76	2.11	14.86	32.49	200	193 Peak	HORIZONTAL
4	394.72	34.53	46.00	-11.47	42.23	3.51	21.23	32.44	125	287 Peak	HORIZONTAL
5	411.21	32.09	46.00	-13.91	38.97	3.59	21.97	32.44	125	271 Peak	HORIZONTAL
6	863.23	35.74	46.00	-10.26	35.73	5.95	26.07	32.01	100	34 Peak	HORIZONTAL



**RSE TX above 1GHz Result\_Radio 1\_Radiated Emission**

Appendix E.2

**For Radio 1:**

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

**Mode 1: (Ant. 5 Panel antenna / 3 dBi)**

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

**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	AV	15.5627G	53.98	54.00	-0.02	14.43	3	Horizontal	82	1.49	-

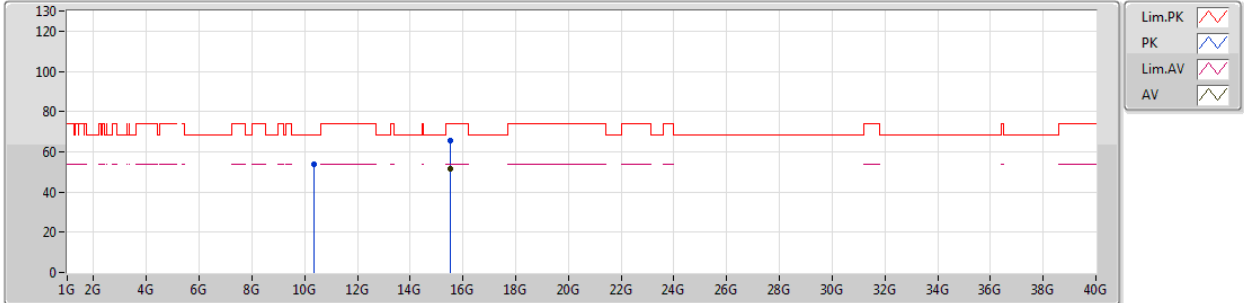




802.11a\_Nss1,(6Mbps)\_4TX

15/02/2019

5180MHz\_TX



EUT\_X\_4TX  
Setting 82  
01-M-1  
FSU  
ANT6

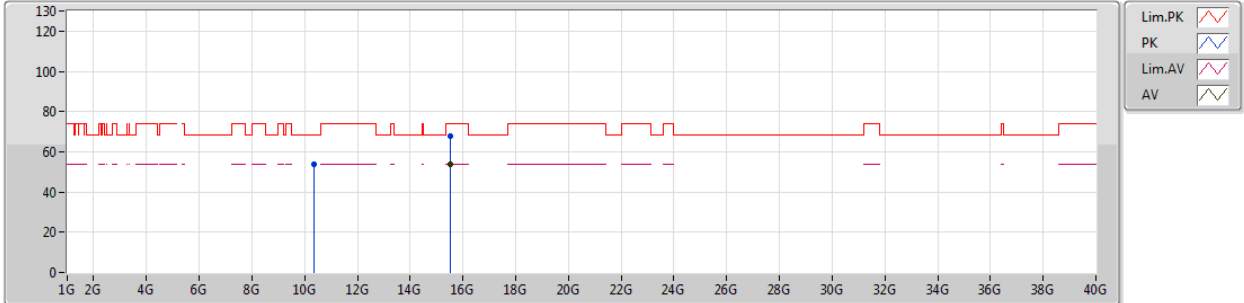
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	10.35763G	53.90	68.20	-14.30	10.85	3	Vertical	313	1.11	-
PK	15.5372G	65.71	74.00	-8.29	14.46	3	Vertical	61	2.26	-
AV	15.5372G	51.70	54.00	-2.30	14.46	3	Vertical	61	2.26	-



802.11a\_Nss1,(6Mbps)\_4TX

15/02/2019

5180MHz\_TX



EUT\_X\_4TX  
Setting 82  
01-M-1  
FSU  
ANT6

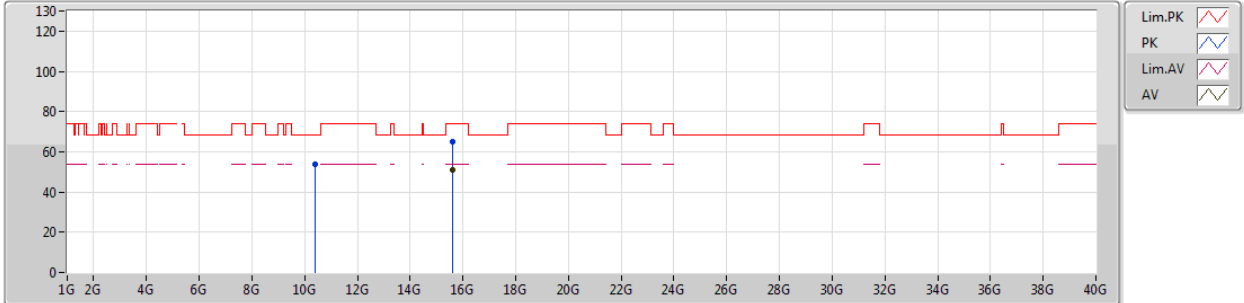
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	10.36175G	54.01	68.20	-14.19	10.85	3	Horizontal	76	2.08	-
PK	15.5345G	67.64	74.00	-6.36	14.46	3	Horizontal	14	1.73	-
AV	15.5355G	53.76	54.00	-0.24	14.46	3	Horizontal	14	1.73	-



802.11a\_Nss1,(6Mbps)\_4TX

15/02/2019

5200MHz\_TX



EUT\_X\_4TX  
Setting 85  
01-M-1  
FSU  
ANT6

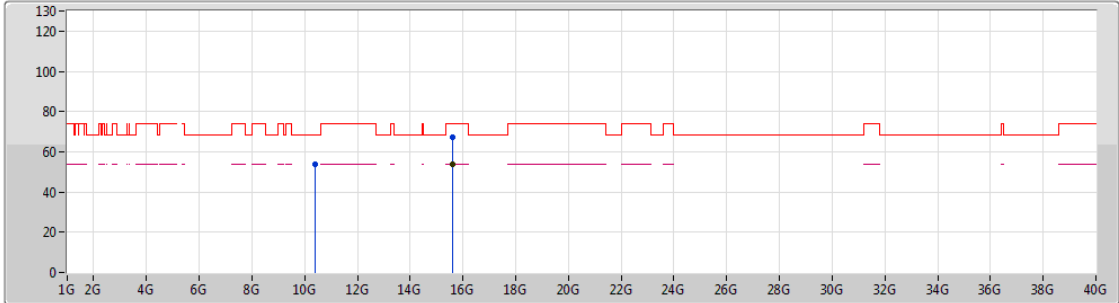
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	10.39823G	53.95	68.20	-14.25	10.91	3	Vertical	29	2.15	-
PK	15.5978G	64.73	74.00	-9.27	14.39	3	Vertical	35	1.38	-
AV	15.5981G	51.19	54.00	-2.81	14.39	3	Vertical	35	1.38	-



802.11a\_Nss1,(6Mbps)\_4TX

15/02/2019

5200MHz\_TX



Lim.PK   
 PK   
 Lim.AV   
 AV

EUT\_X\_4TX  
 Setting 85  
 01-M-1  
 FSU  
 ANT6

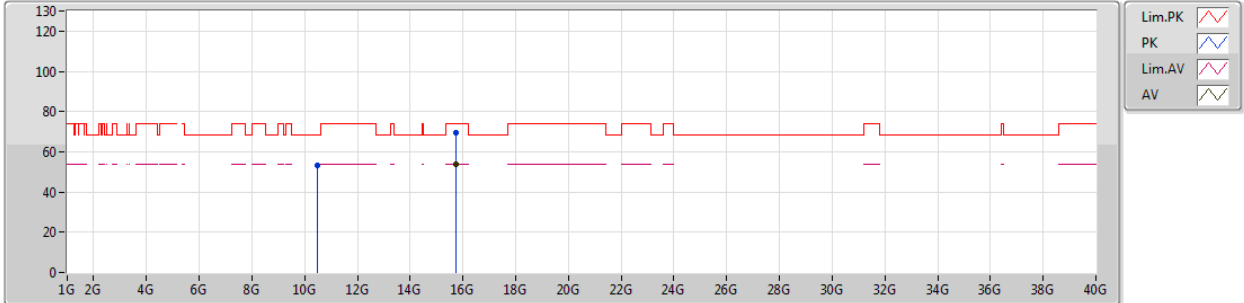
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	10.40024G	53.76	68.20	-14.44	10.91	3	Horizontal	291	1.90	-
PK	15.5979G	67.19	74.00	-6.81	14.39	3	Horizontal	19	2.65	-
AV	15.5983G	53.76	54.00	-0.24	14.39	3	Horizontal	19	2.65	-



802.11a\_Nss1,(6Mbps)\_4TX

15/02/2019

5240MHz\_TX



EUT\_X\_4TX  
Setting 82  
01-M-1  
FSU  
ANT6

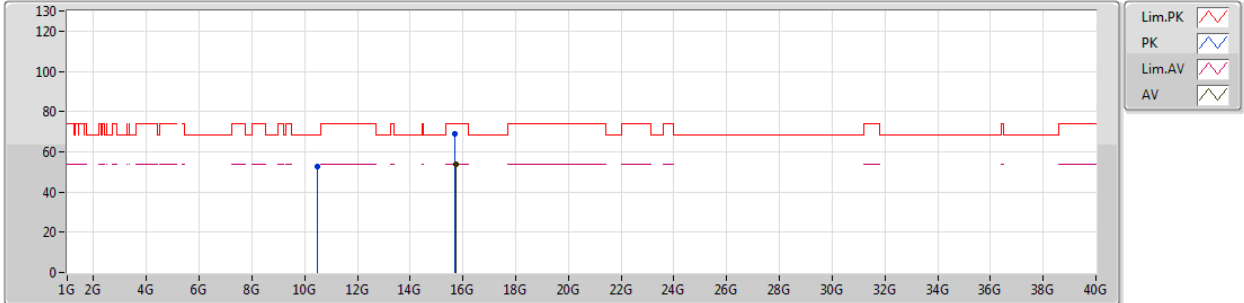
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	10.47938G	53.02	68.20	-15.18	11.02	3	Vertical	174	2.35	-
PK	15.7213G	69.24	74.00	-4.76	14.24	3	Vertical	23	1.33	-
AV	15.7203G	53.75	54.00	-0.25	14.24	3	Vertical	23	1.33	-



802.11a\_Nss1,(6Mbps)\_4TX

15/02/2019

5240MHz\_TX



EUT\_X\_4TX  
Setting 82  
01-M-1  
FSU  
ANT6

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	10.47779G	52.81	68.20	-15.39	11.01	3	Horizontal	217	2.33	-
PK	15.7144G	68.99	74.00	-5.01	14.25	3	Horizontal	59	2.99	-
AV	15.7245G	53.94	54.00	-0.06	14.23	3	Horizontal	59	2.99	-