

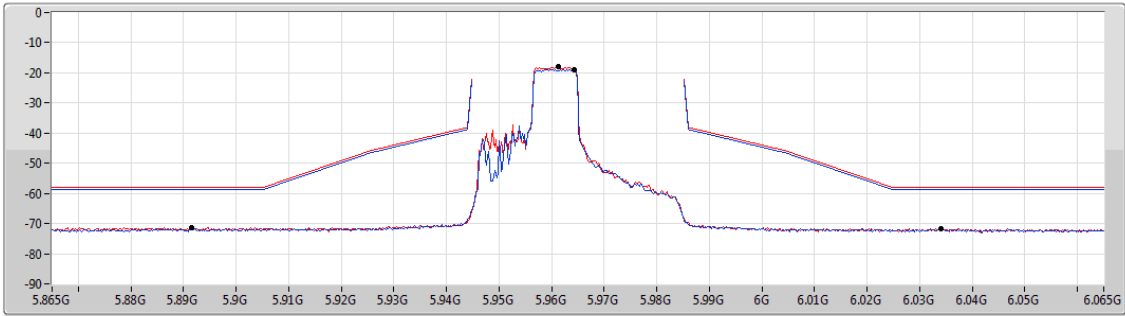


5.925-6.425GHz\_802.11ax HEW40\_RU106\_Index54\_40MHz\_Nss1,(MCS0)\_2TX

MASK

5965MHz\_TX

CF Freq  
5.965GHz  
Span  
200MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
1.08ms  
Detector Type  
RMS



Port 1  
Port 2

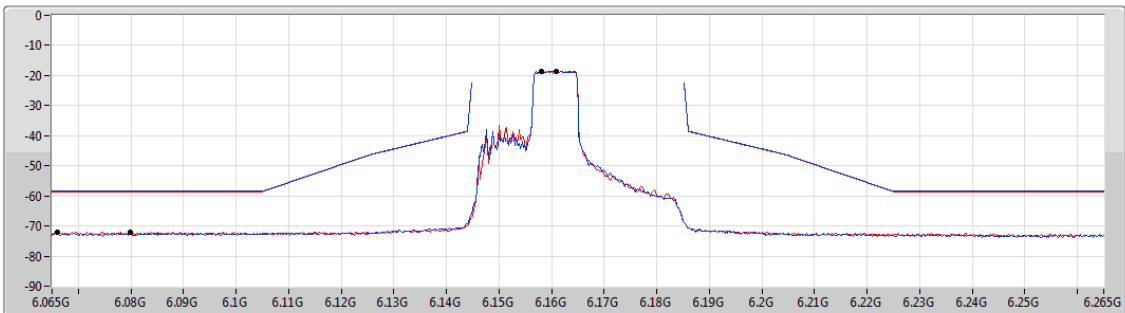
Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
5.9642G	-18.81	6.034G	-71.72	-58.81	-12.91	1
5.9612G	-18.10	5.8916G	-71.44	-58.10	-13.34	2

5.925-6.425GHz\_802.11ax HEW40\_RU106\_Index54\_40MHz\_Nss1,(MCS0)\_2TX

MASK

6165MHz\_TX

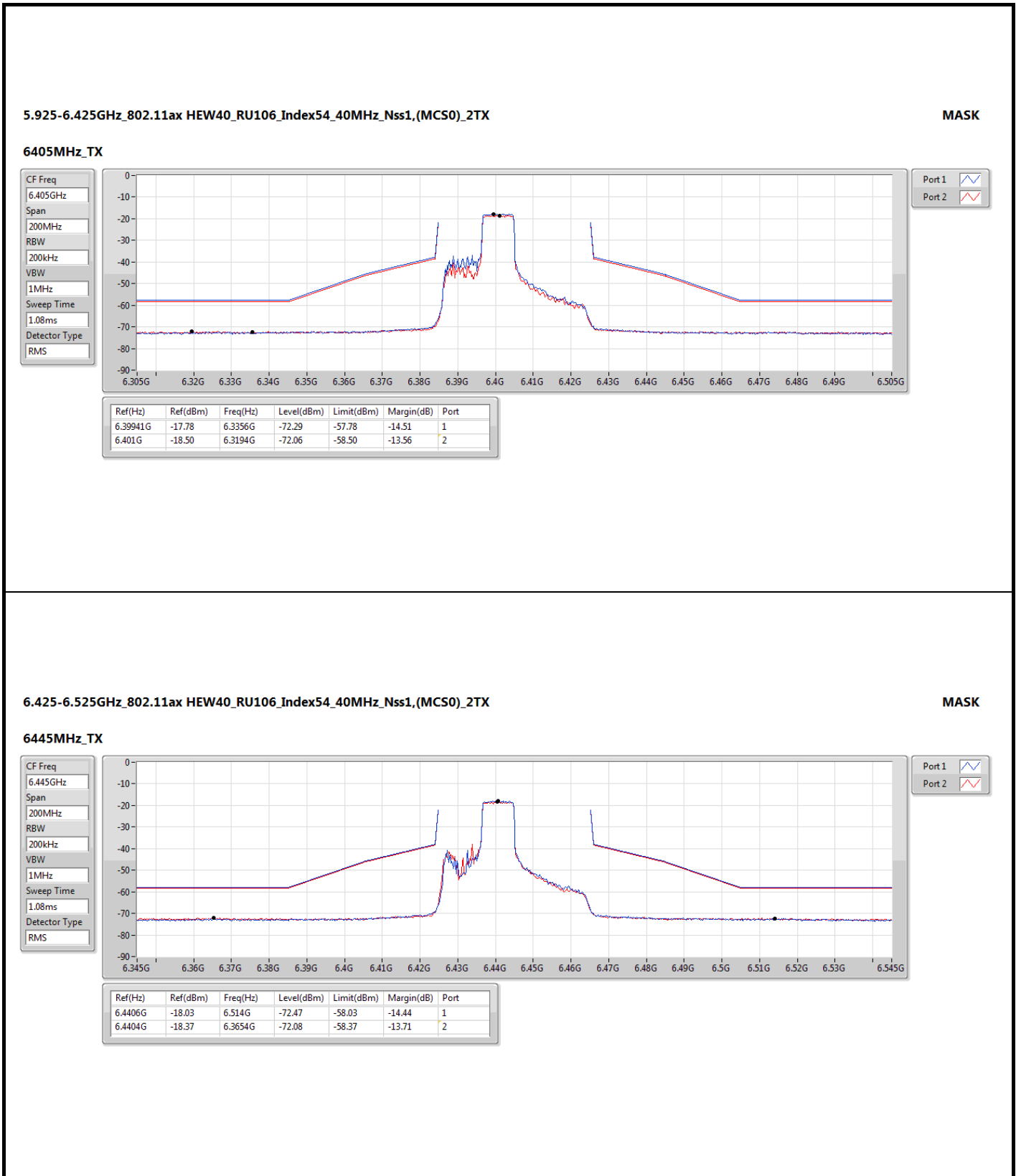
CF Freq  
6.165GHz  
Span  
200MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
1.08ms  
Detector Type  
RMS

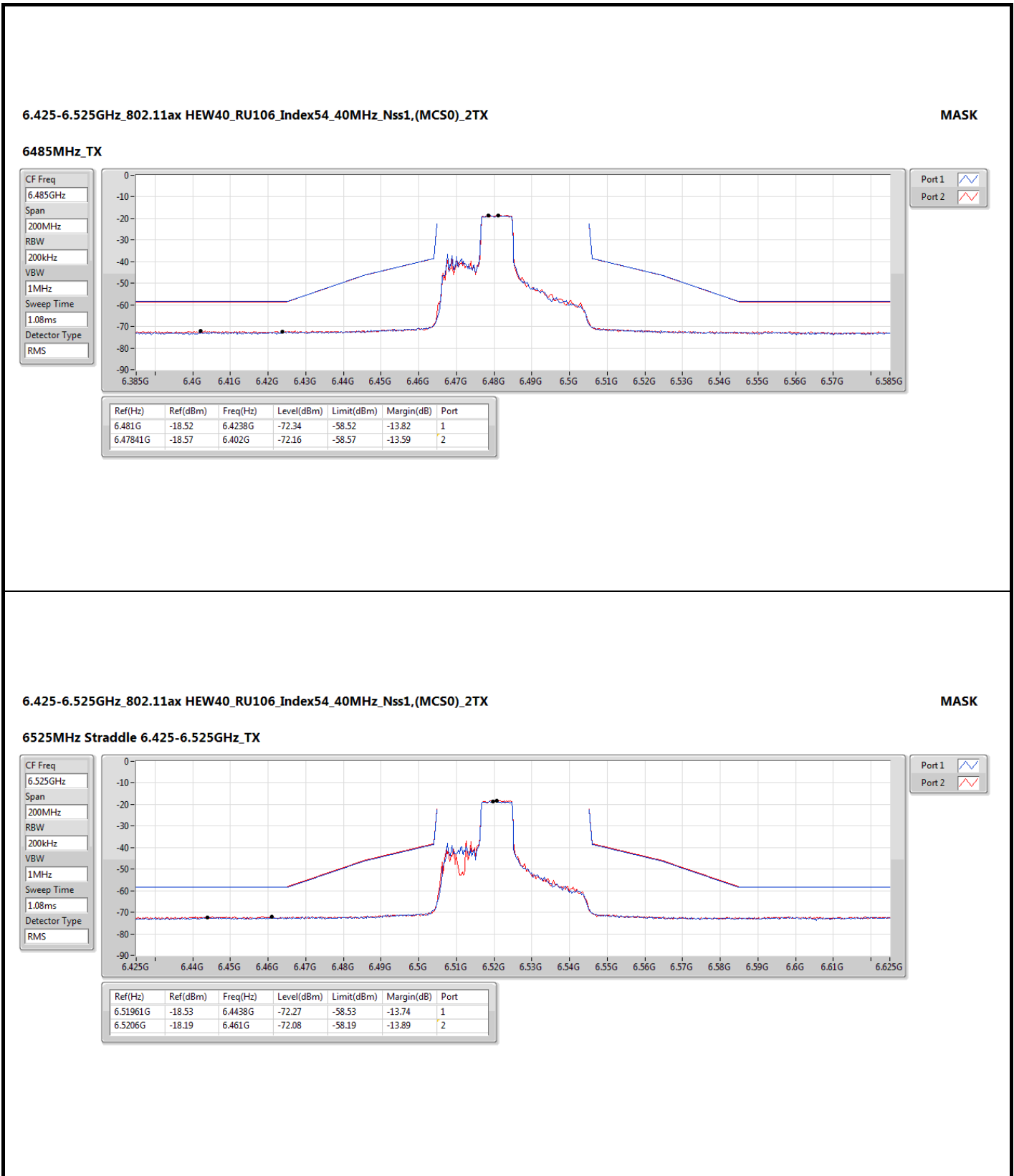


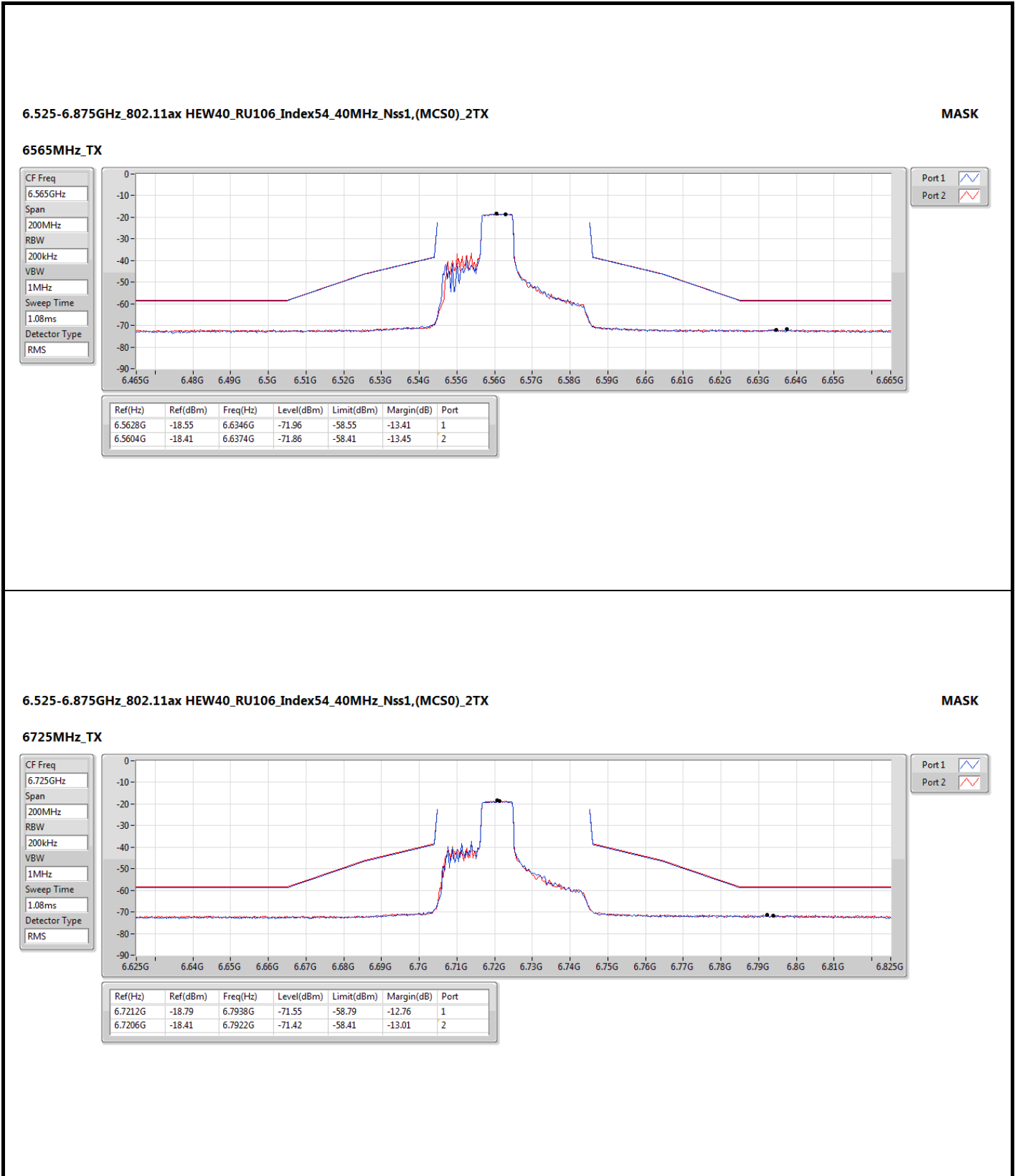
Port 1  
Port 2

Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.15801G	-18.49	6.0798G	-72.24	-58.49	-13.75	1
6.1608G	-18.61	6.066G	-72.00	-58.61	-13.39	2











6.525-6.875GHz\_802.11ax HEW40\_RU106\_Index54\_40MHz\_Nss1,(MCS0)\_2TX

MASK

6845MHz\_TX

CF Freq  
6.845GHz

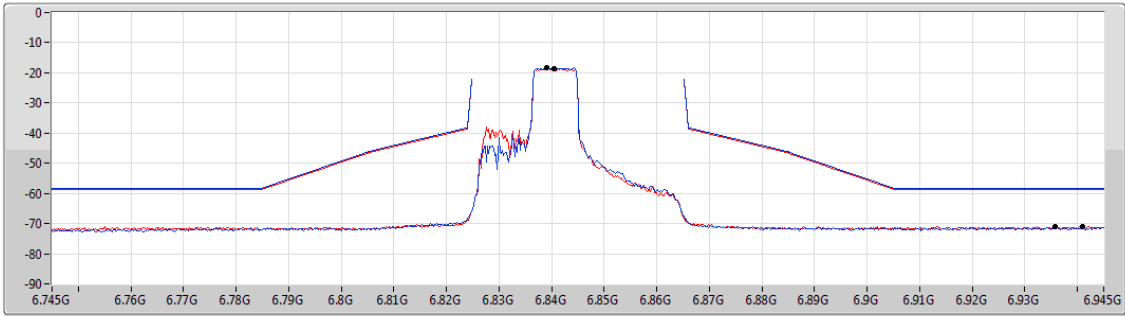
Span  
200MHz

RBW  
200kHz

VBW  
1MHz

Sweep Time  
1.08ms

Detector Type  
RMS



Port 1

Port 2

Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.83901G	-18.22	6.941G	-71.14	-58.22	-12.92	1
6.8404G	-18.60	6.9358G	-70.94	-58.60	-12.34	2

6.525-6.875GHz\_802.11ax HEW40\_RU106\_Index54\_40MHz\_Nss1,(MCS0)\_2TX

MASK

6885MHz Straddle 6.525-6.875GHz\_TX

CF Freq  
6.885GHz

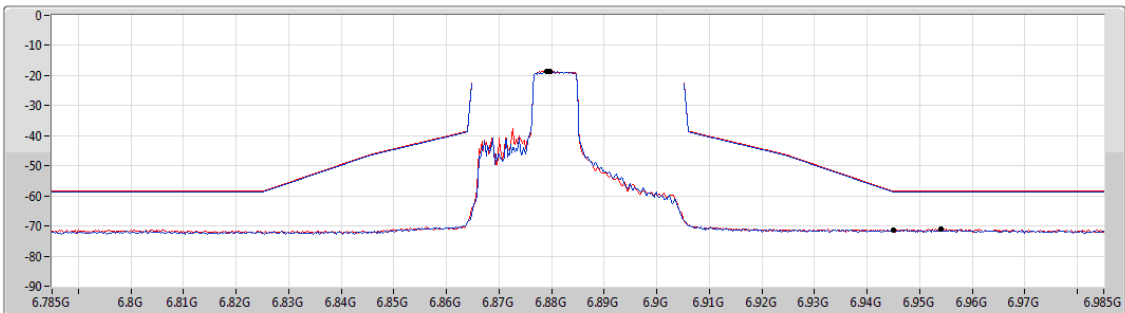
Span  
200MHz

RBW  
200kHz

VBW  
1MHz

Sweep Time  
1.08ms

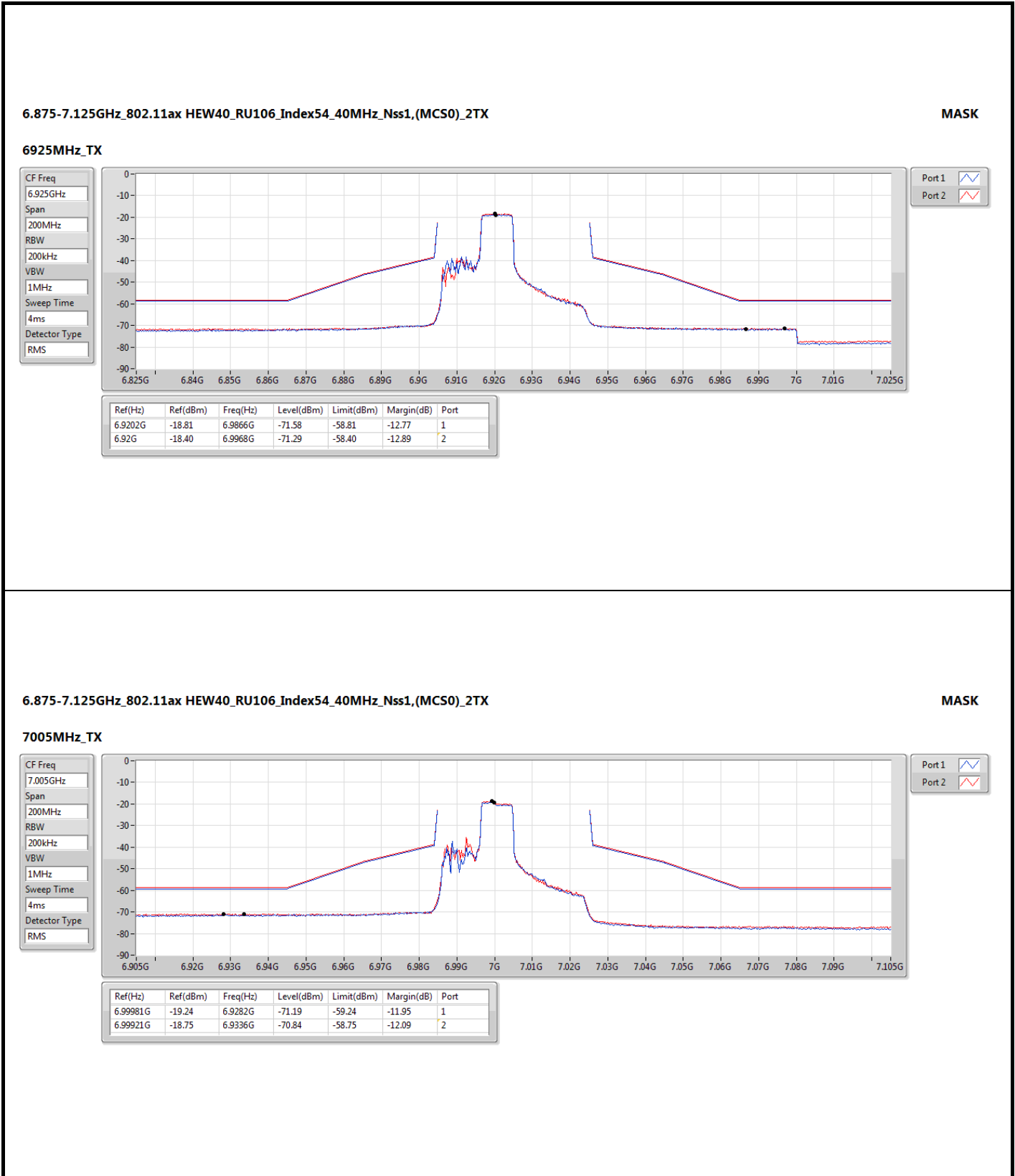
Detector Type  
RMS

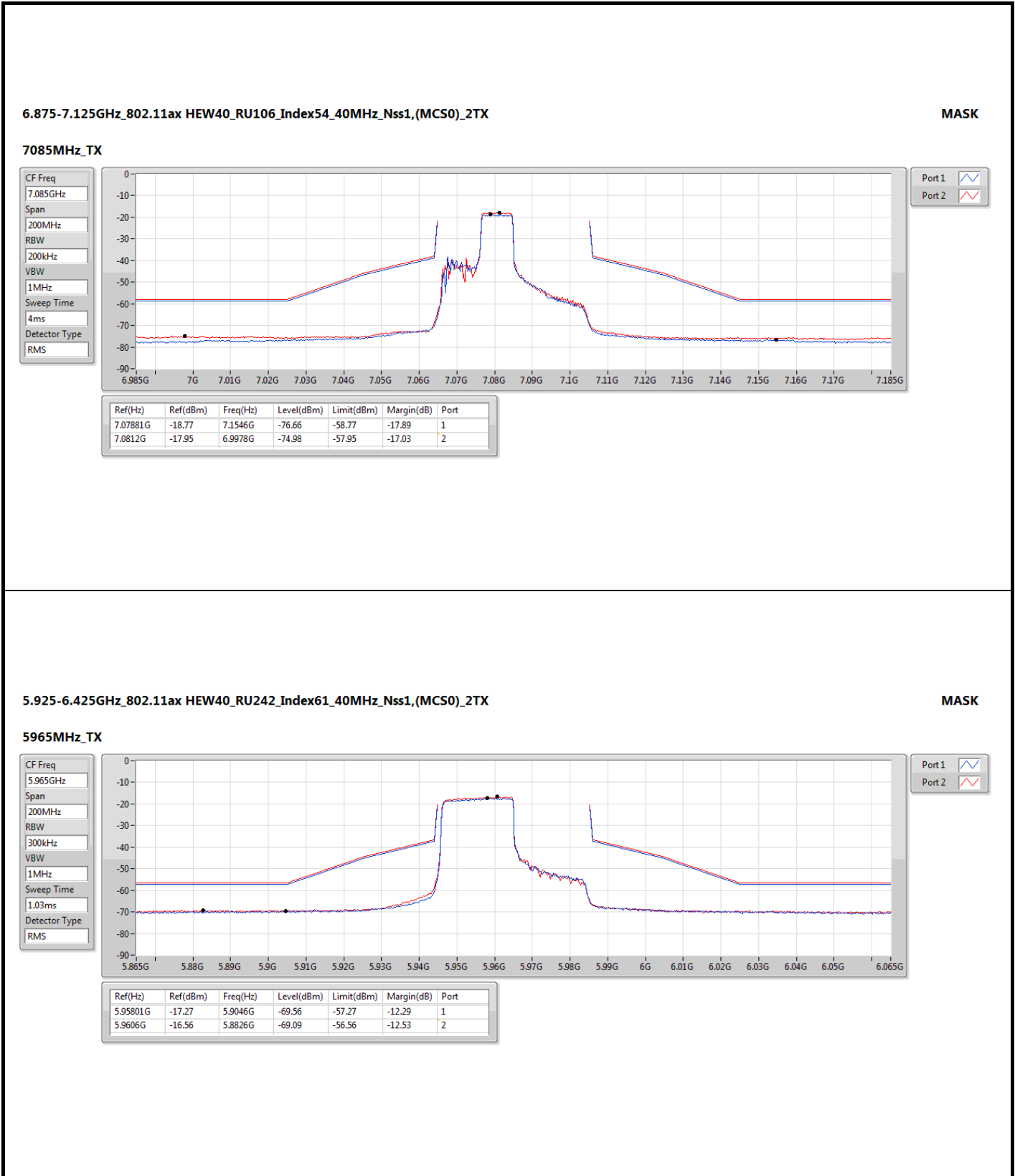


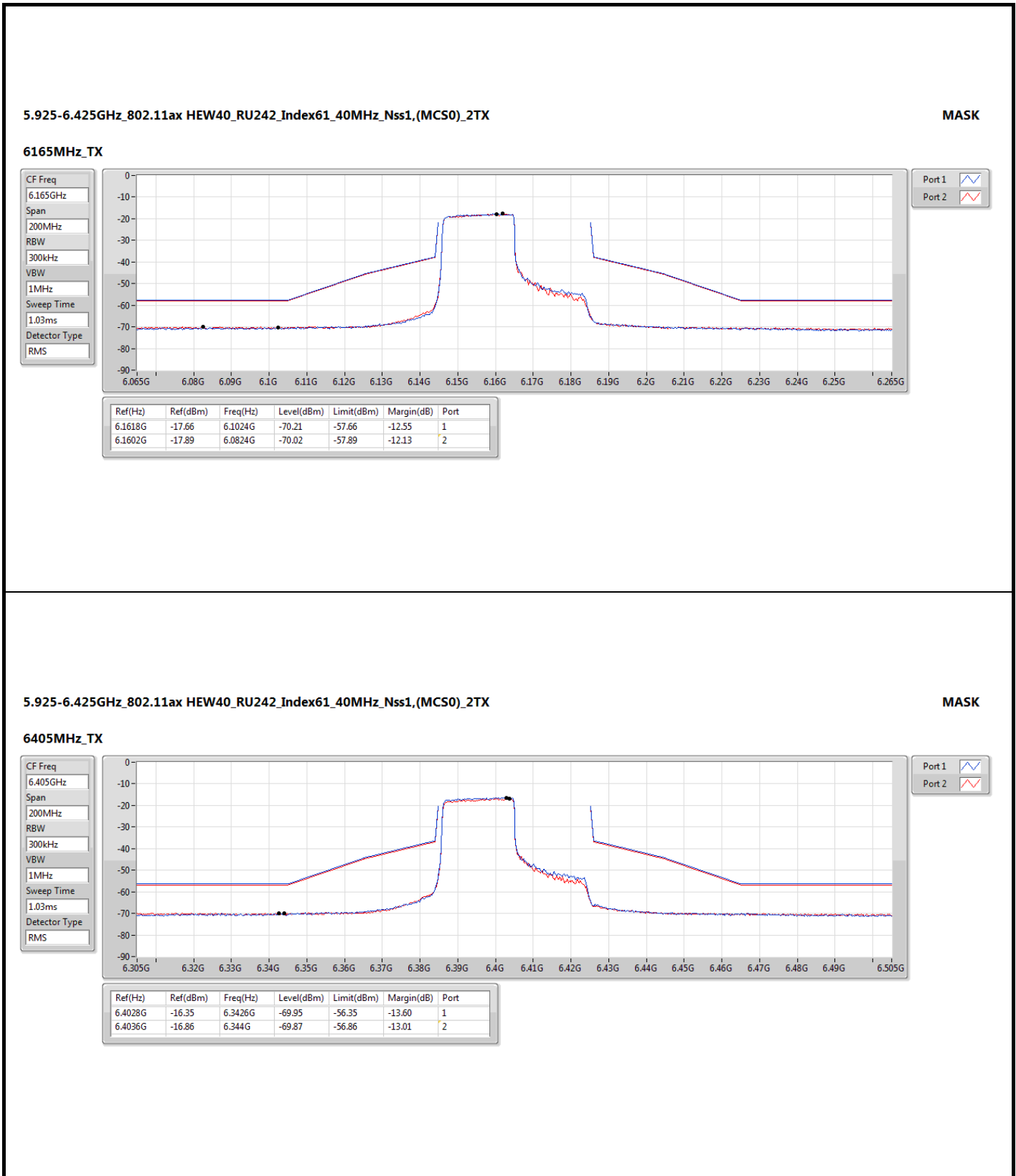
Port 1

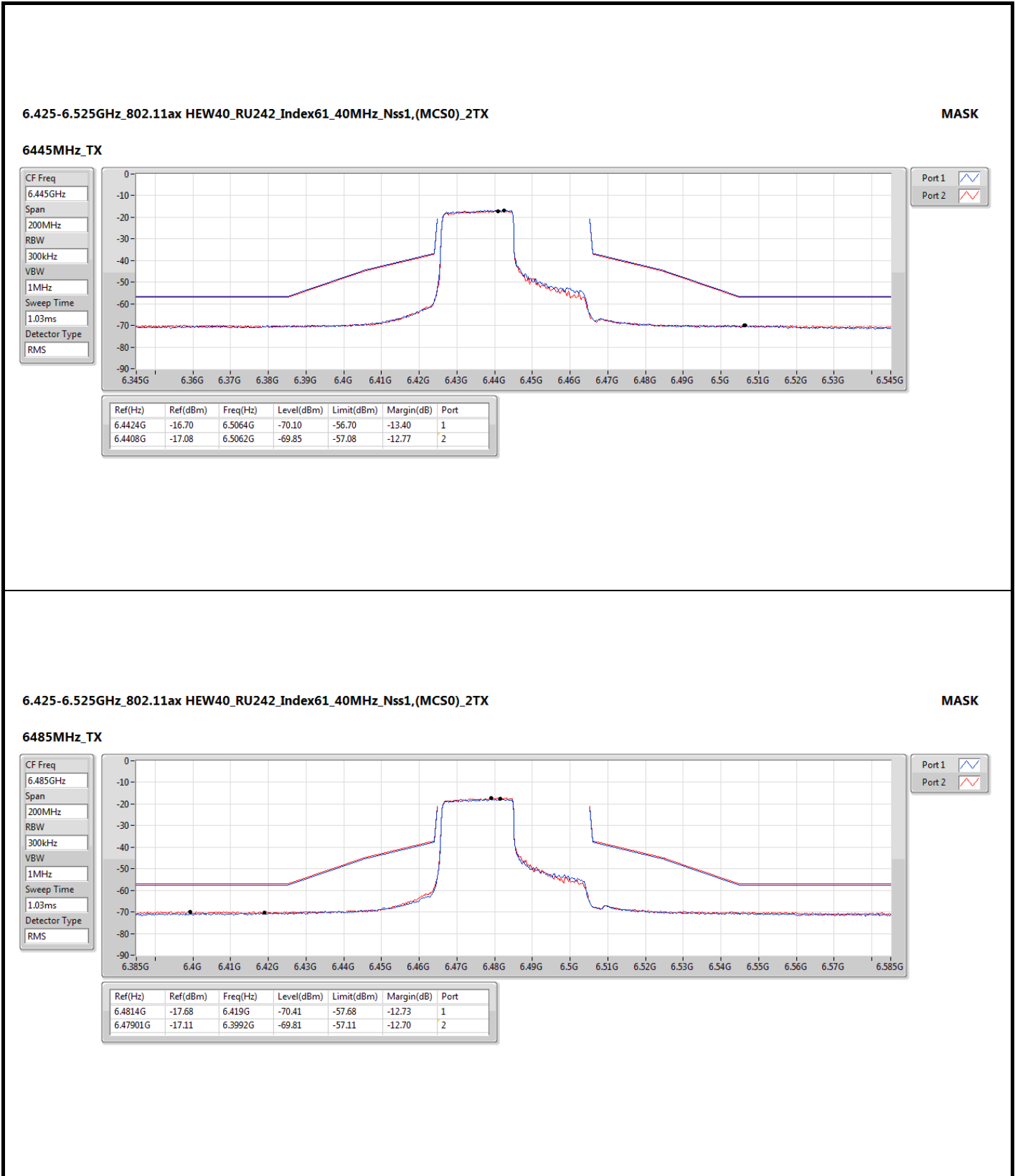
Port 2

Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.87961G	-18.76	6.945G	-71.24	-58.76	-12.48	1
6.87901G	-18.50	6.954G	-71.04	-58.50	-12.54	2

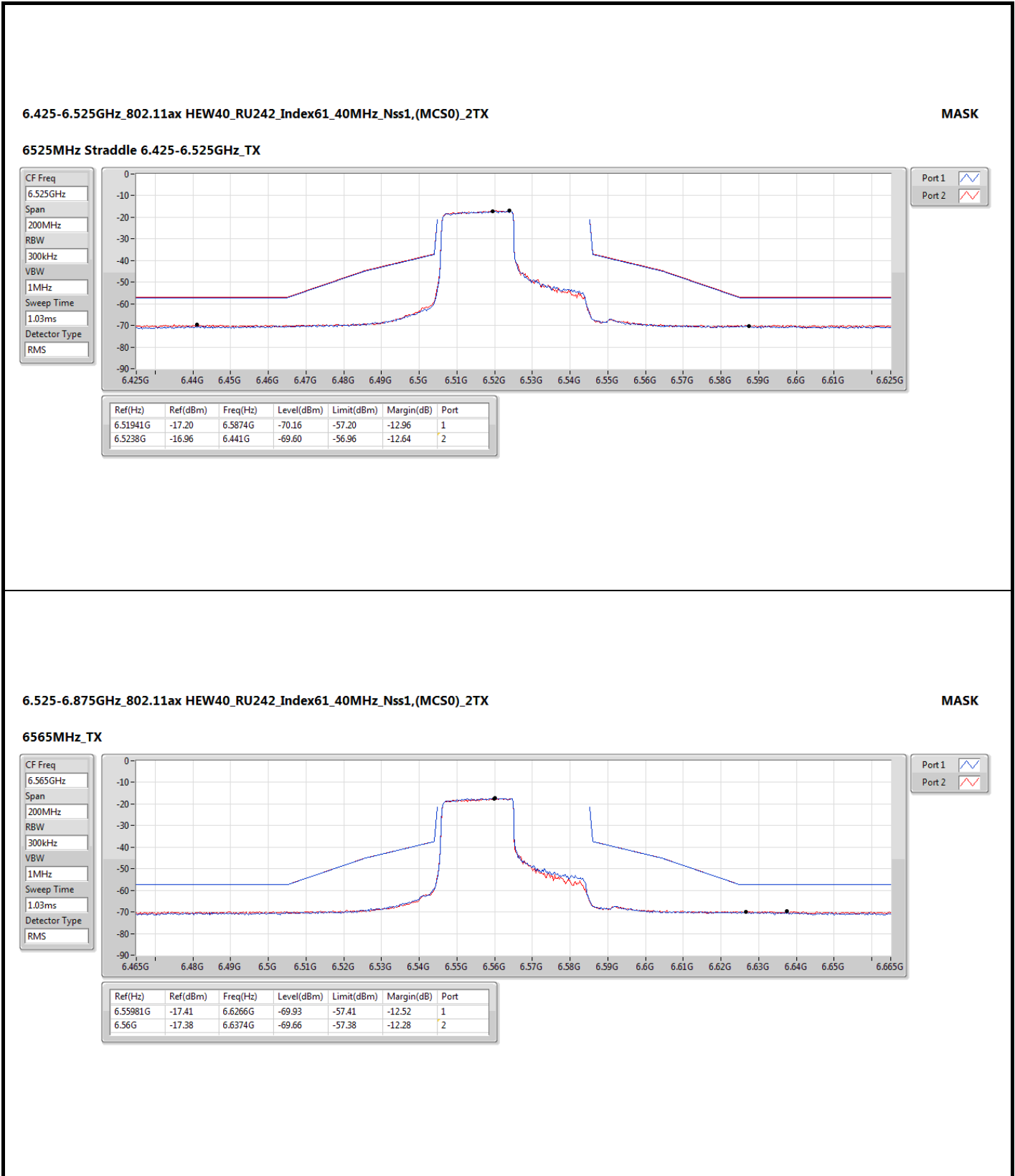


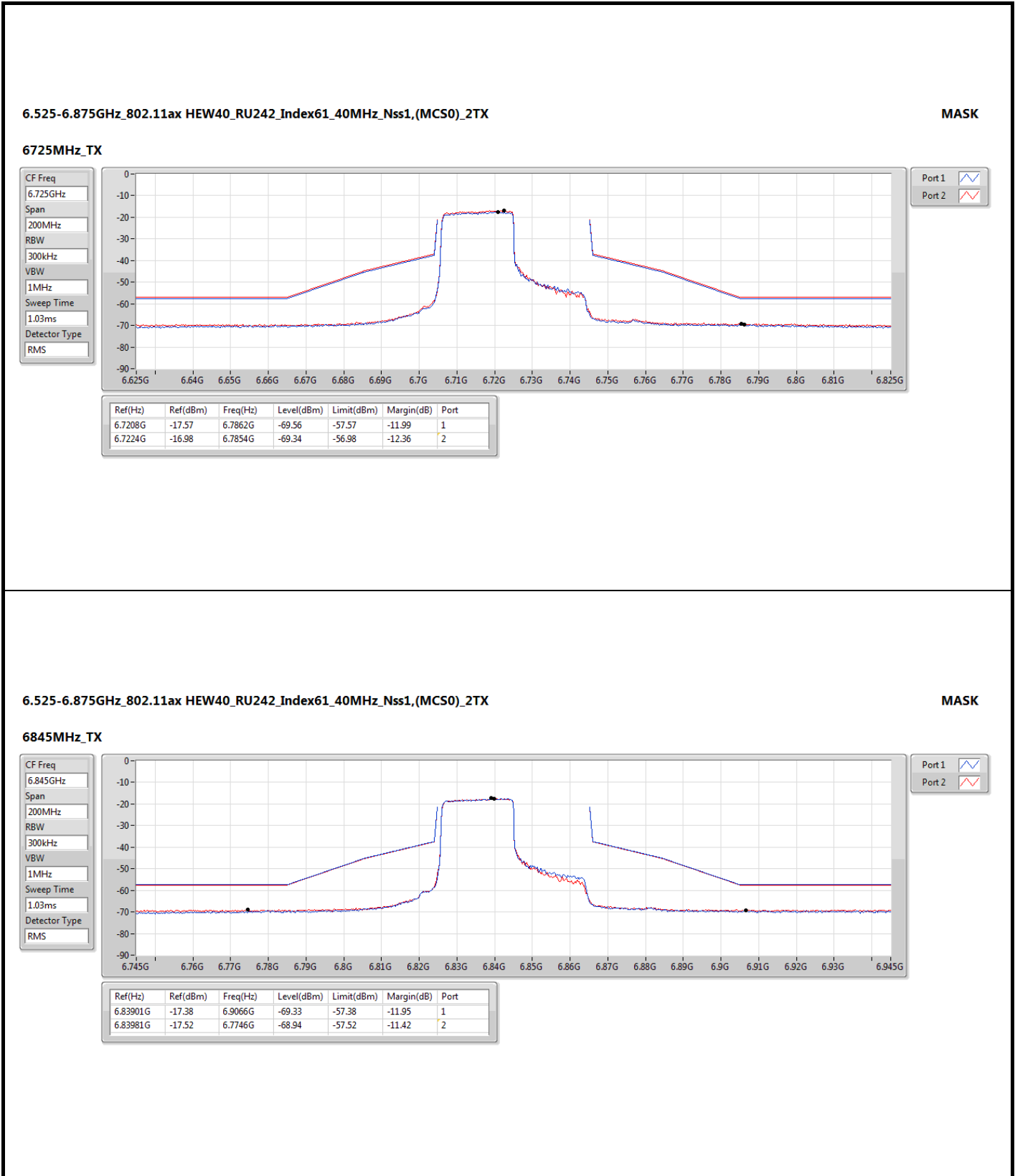


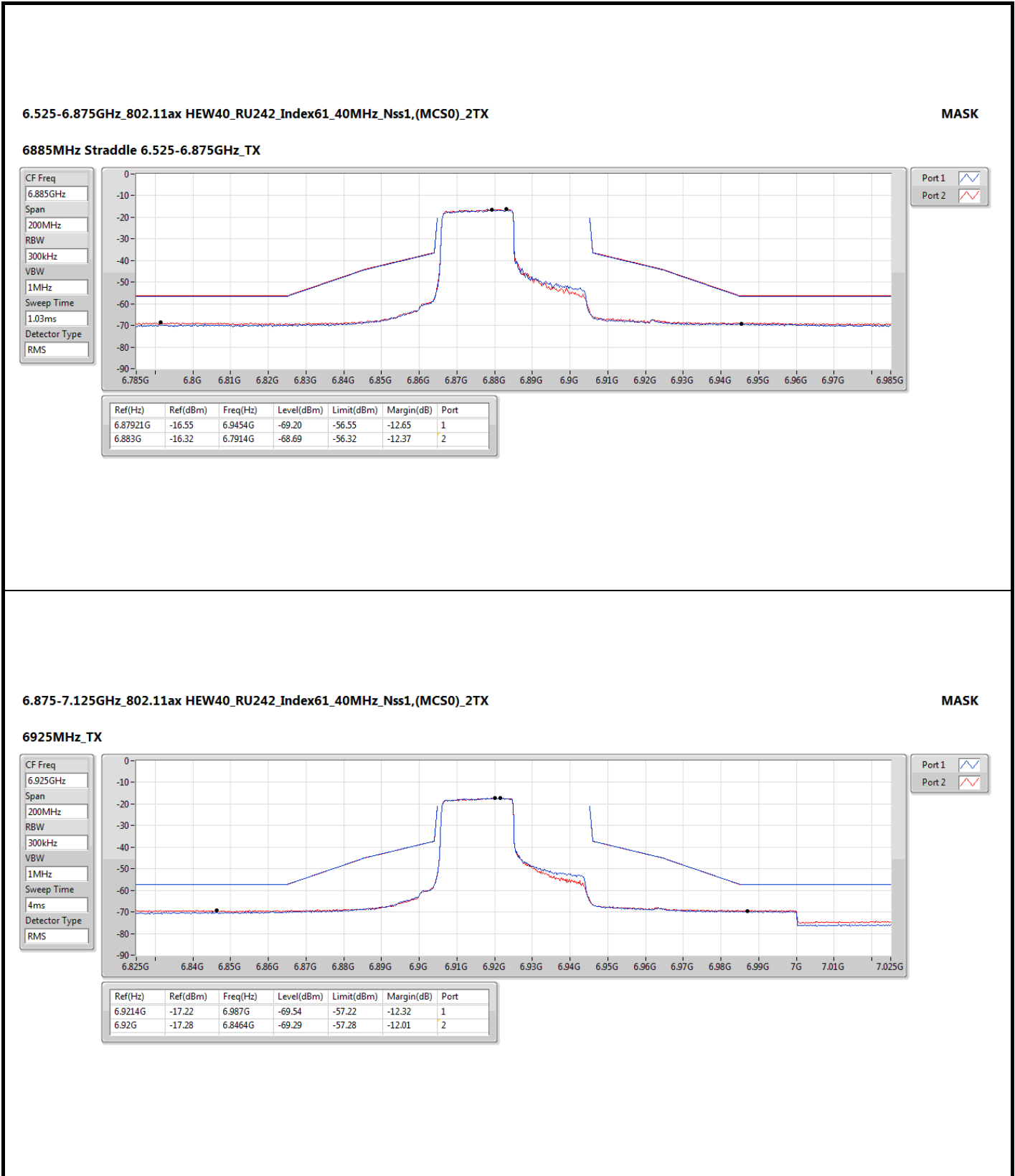














6.875-7.125GHz\_802.11ax HEW40\_RU242\_Index61\_40MHz\_Nss1,(MCS0)\_2TX

MASK

7005MHz\_TX

CF Freq  
7.005GHz

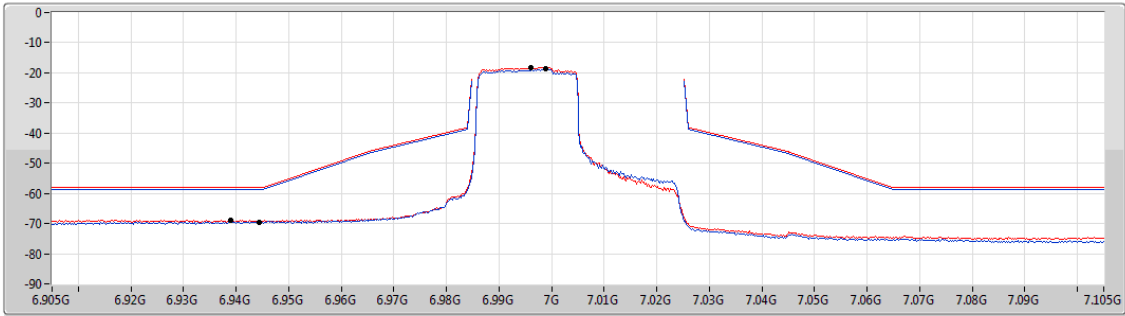
Span  
200MHz

RBW  
300kHz

VBW  
1MHz

Sweep Time  
4ms

Detector Type  
RMS



Port 1

Port 2

Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.99881G	-18.76	6.9444G	-69.46	-58.76	-10.70	1
6.99601G	-18.17	6.939G	-68.93	-58.17	-10.76	2

6.875-7.125GHz\_802.11ax HEW40\_RU242\_Index61\_40MHz\_Nss1,(MCS0)\_2TX

MASK

7085MHz\_TX

CF Freq  
7.085GHz

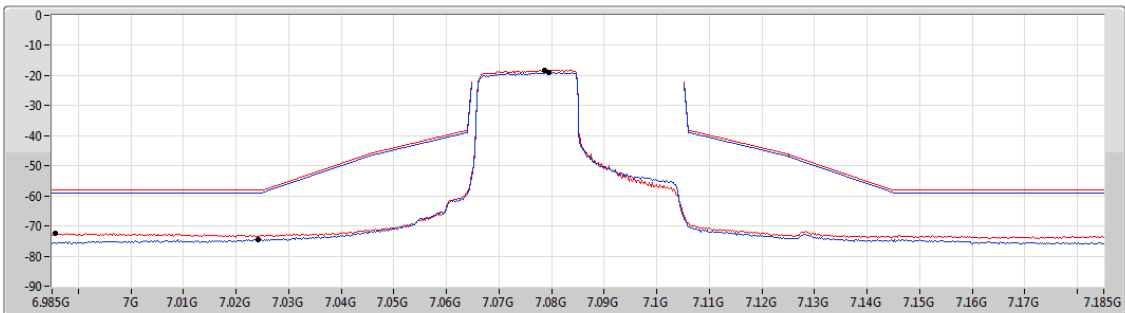
Span  
200MHz

RBW  
300kHz

VBW  
1MHz

Sweep Time  
4ms

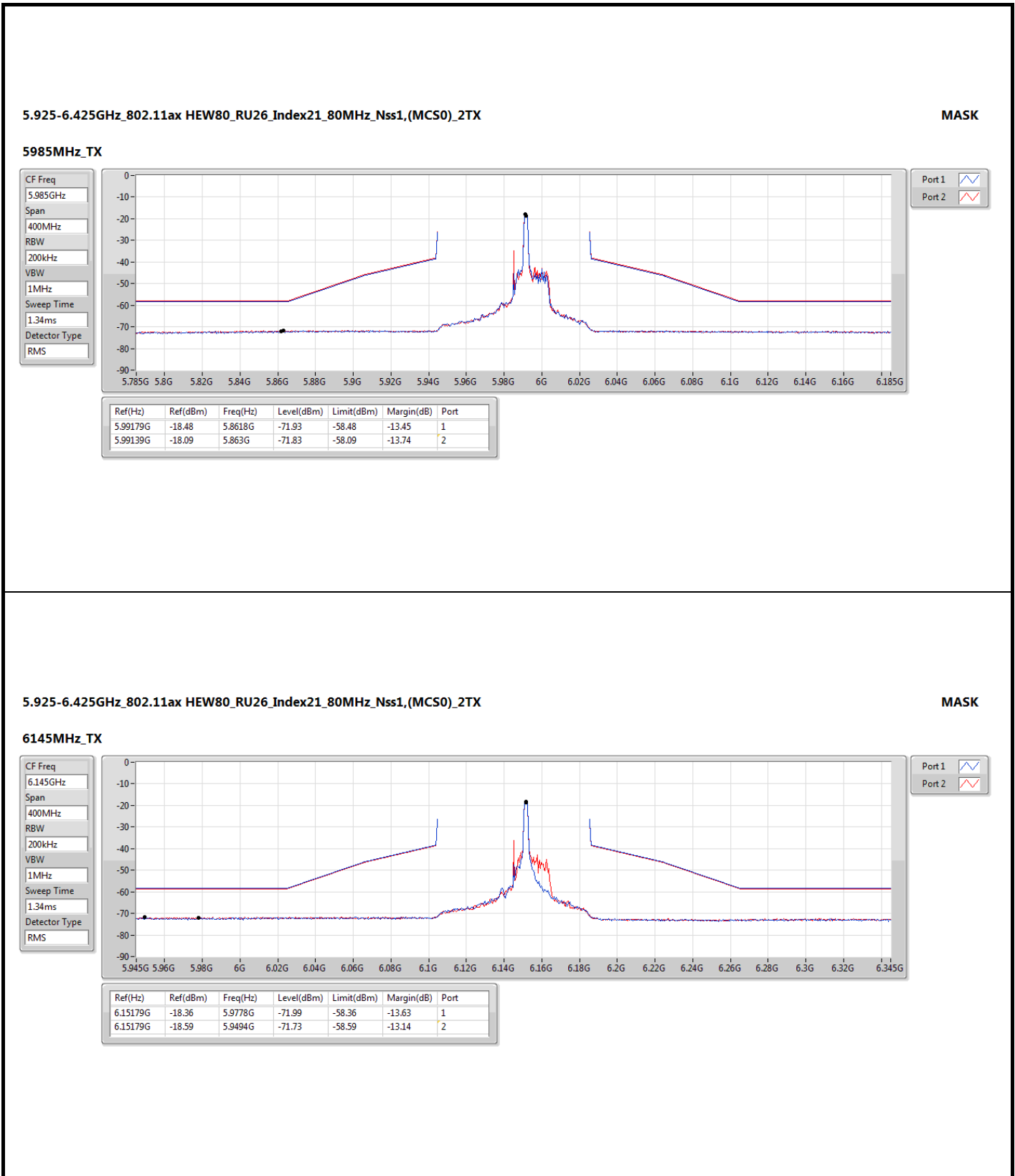
Detector Type  
RMS

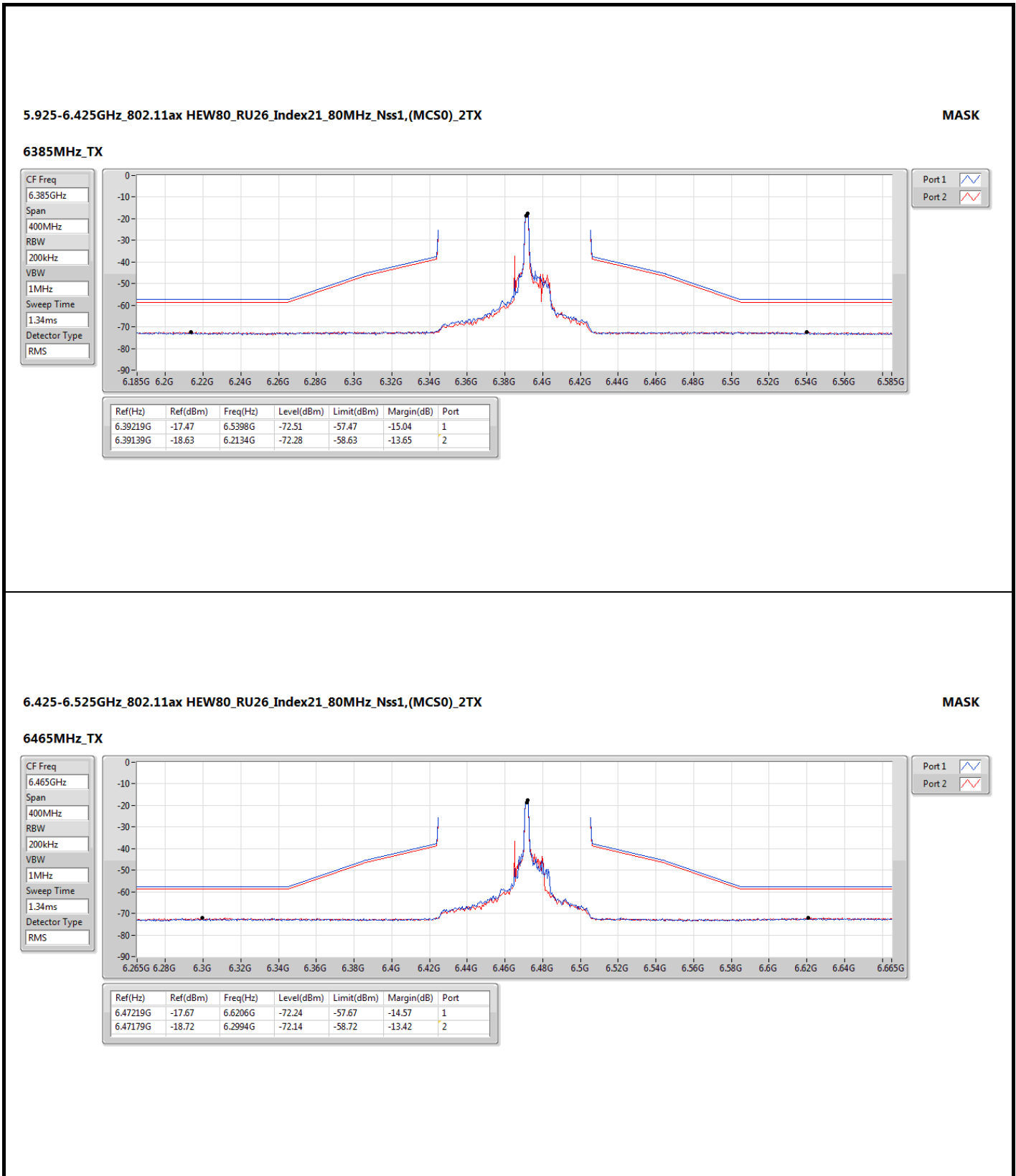


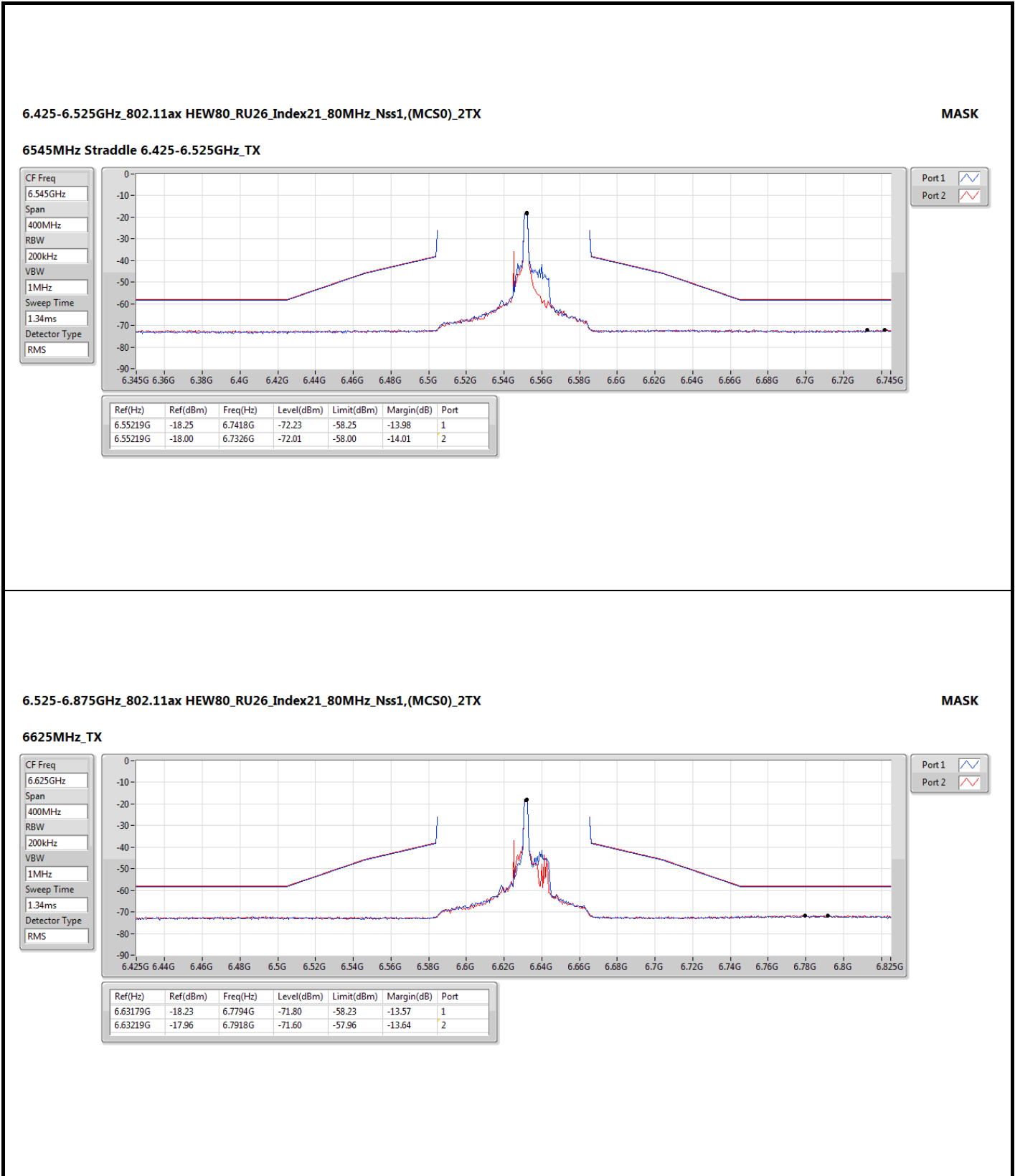
Port 1

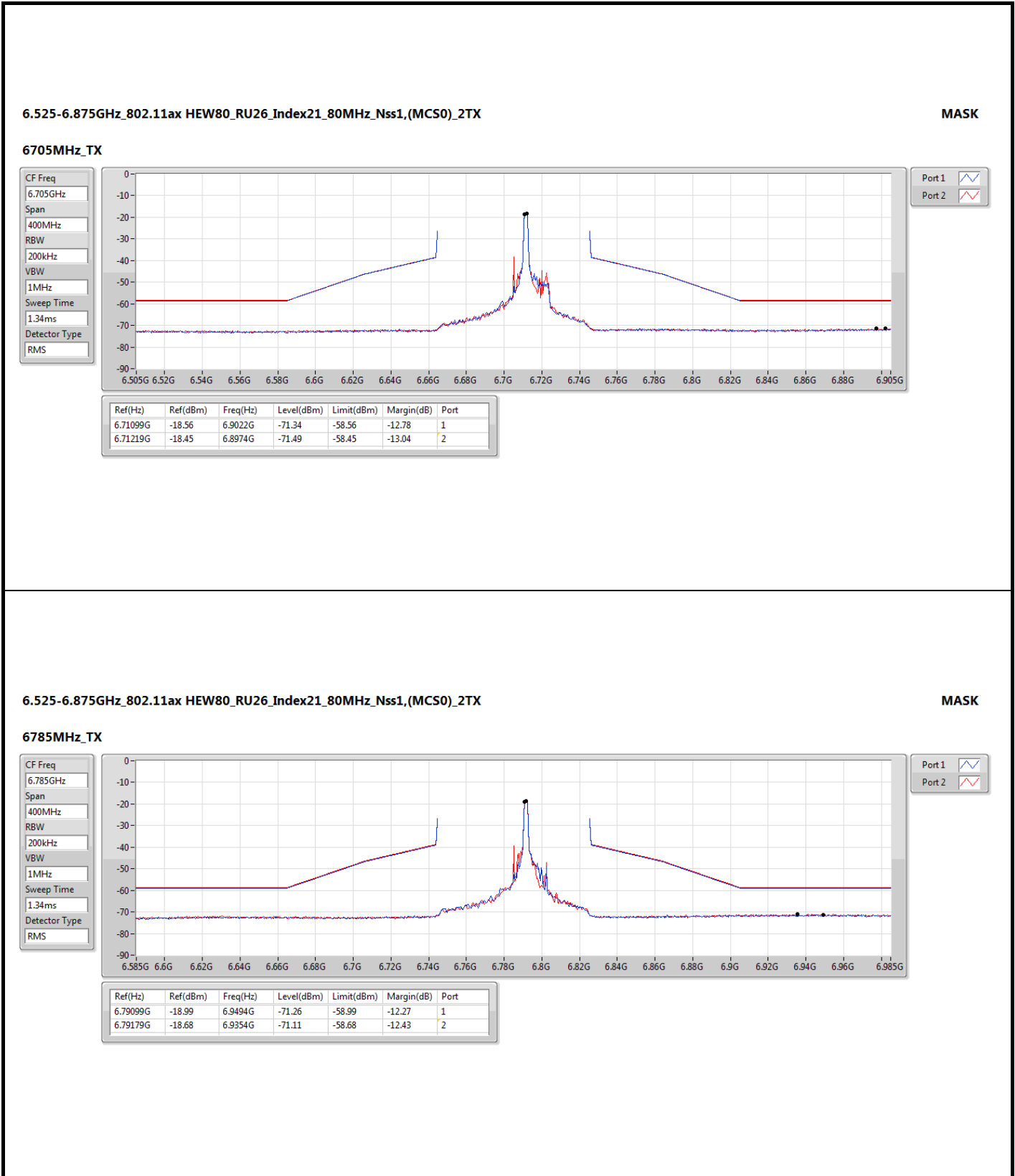
Port 2

Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
7.07941G	-18.90	7.0242G	-74.37	-58.90	-15.47	1
7.07861G	-18.16	6.9856G	-72.39	-58.16	-14.23	2









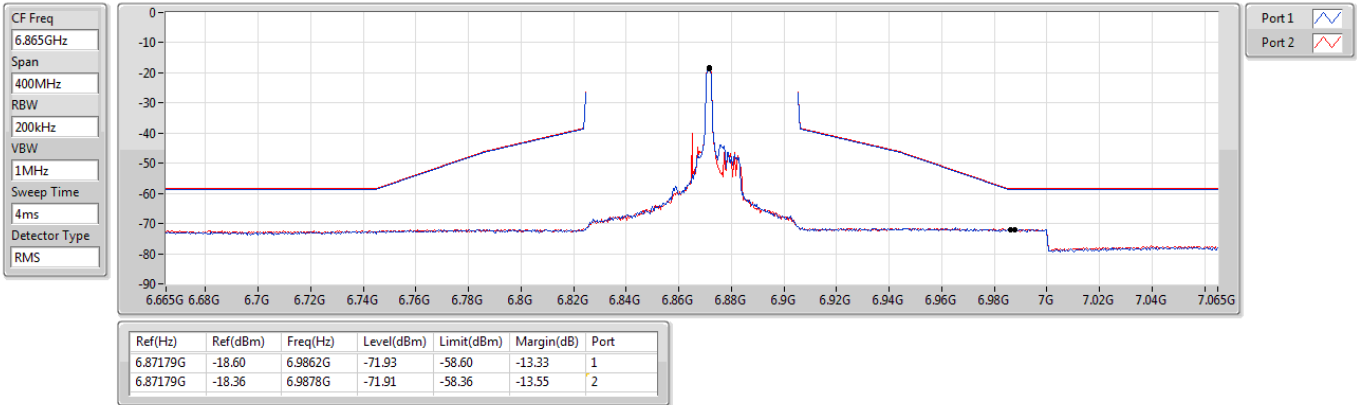




6.525-6.875GHz\_802.11ax HEW80\_RU26\_Index21\_80MHz\_Nss1,(MCS0)\_2TX

MASK

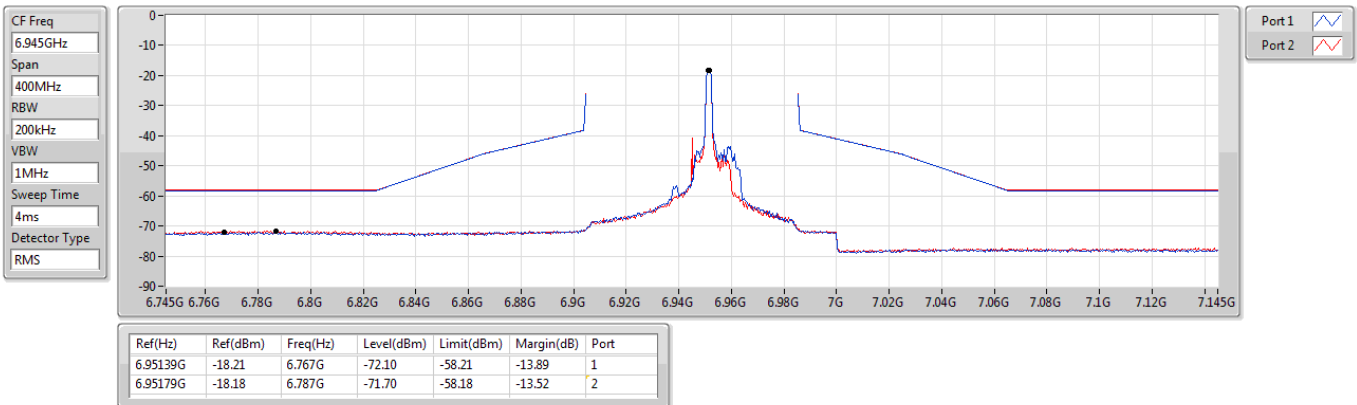
6865MHz Straddle 6.525-6.875GHz\_TX

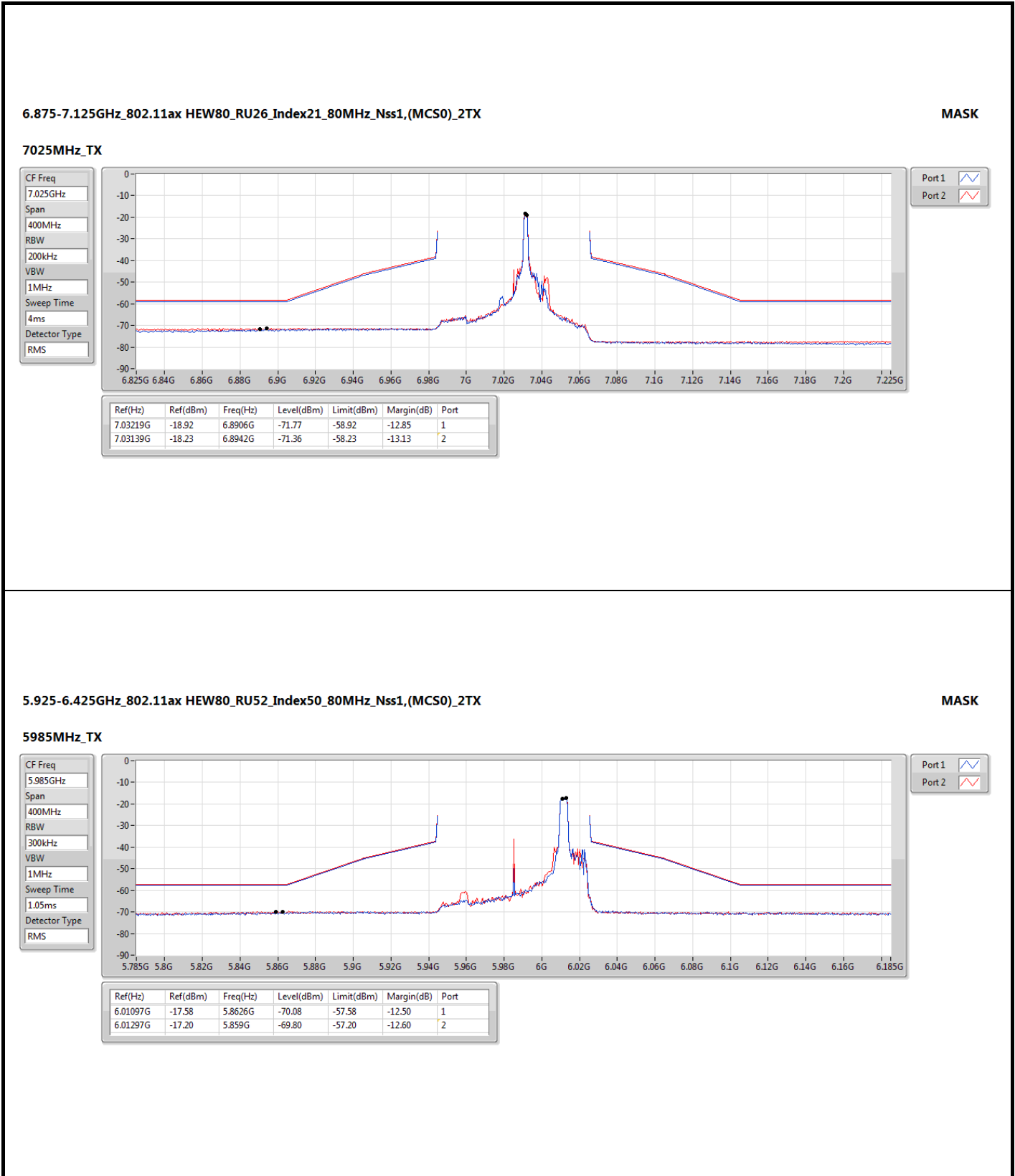


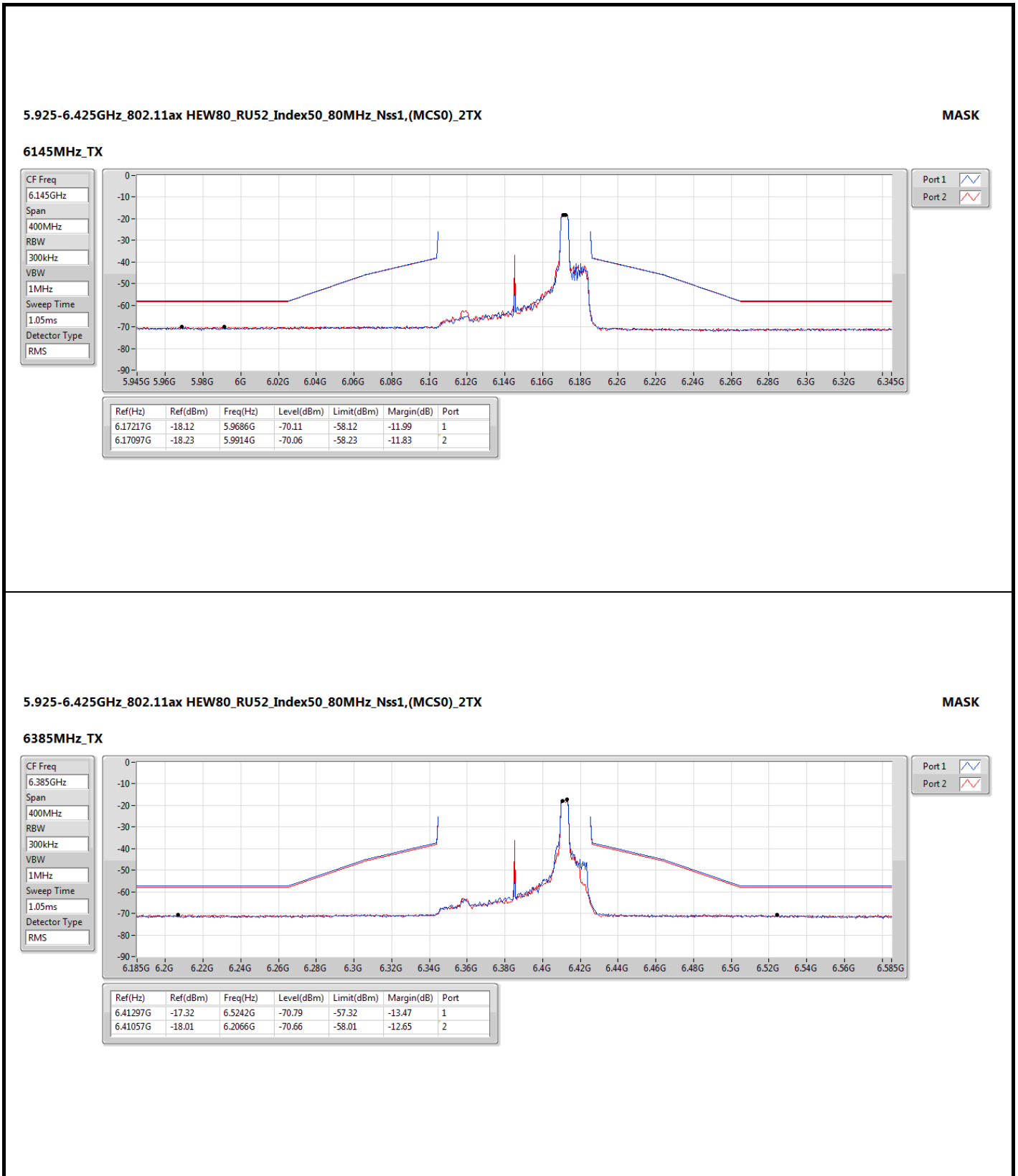
6.875-7.125GHz\_802.11ax HEW80\_RU26\_Index21\_80MHz\_Nss1,(MCS0)\_2TX

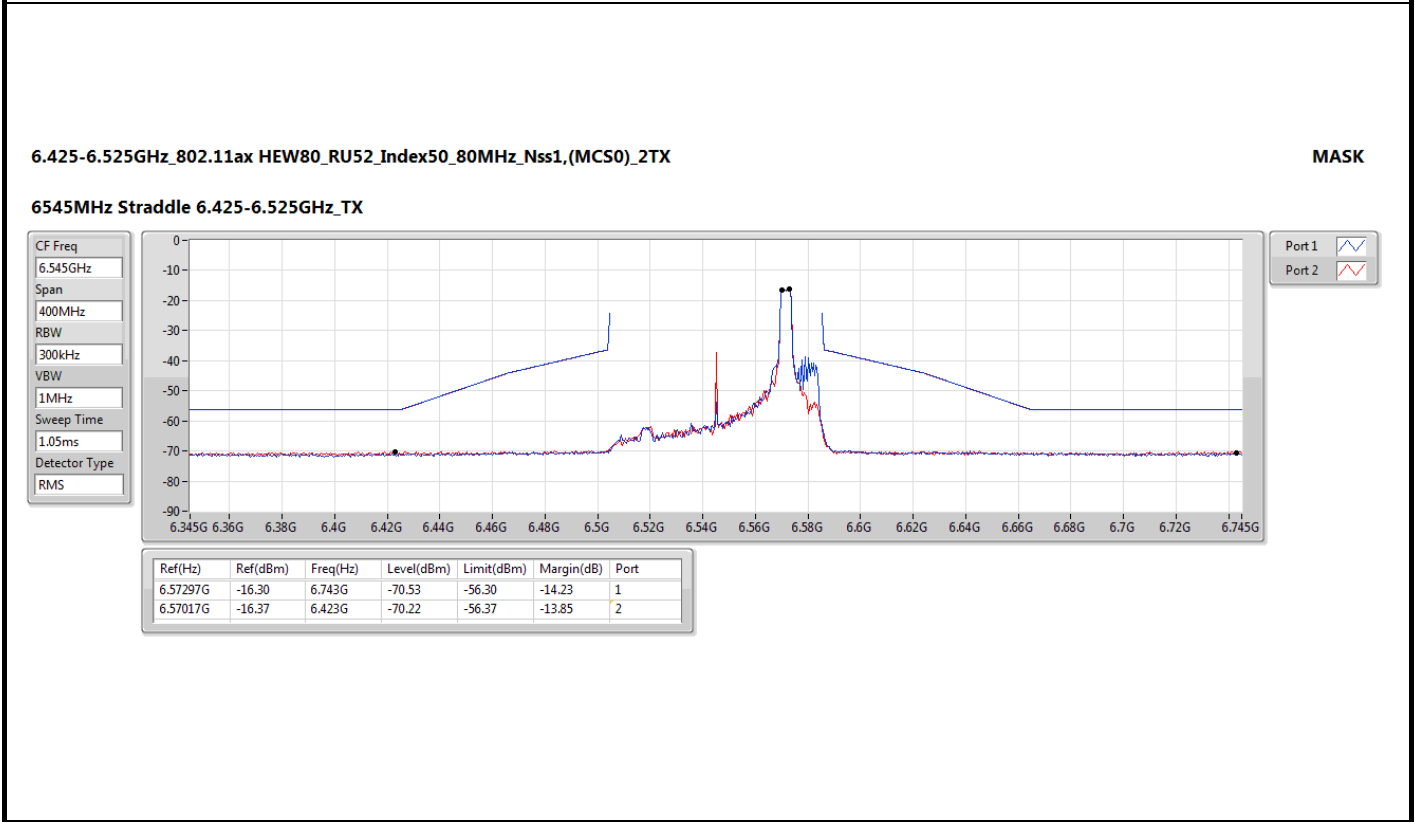
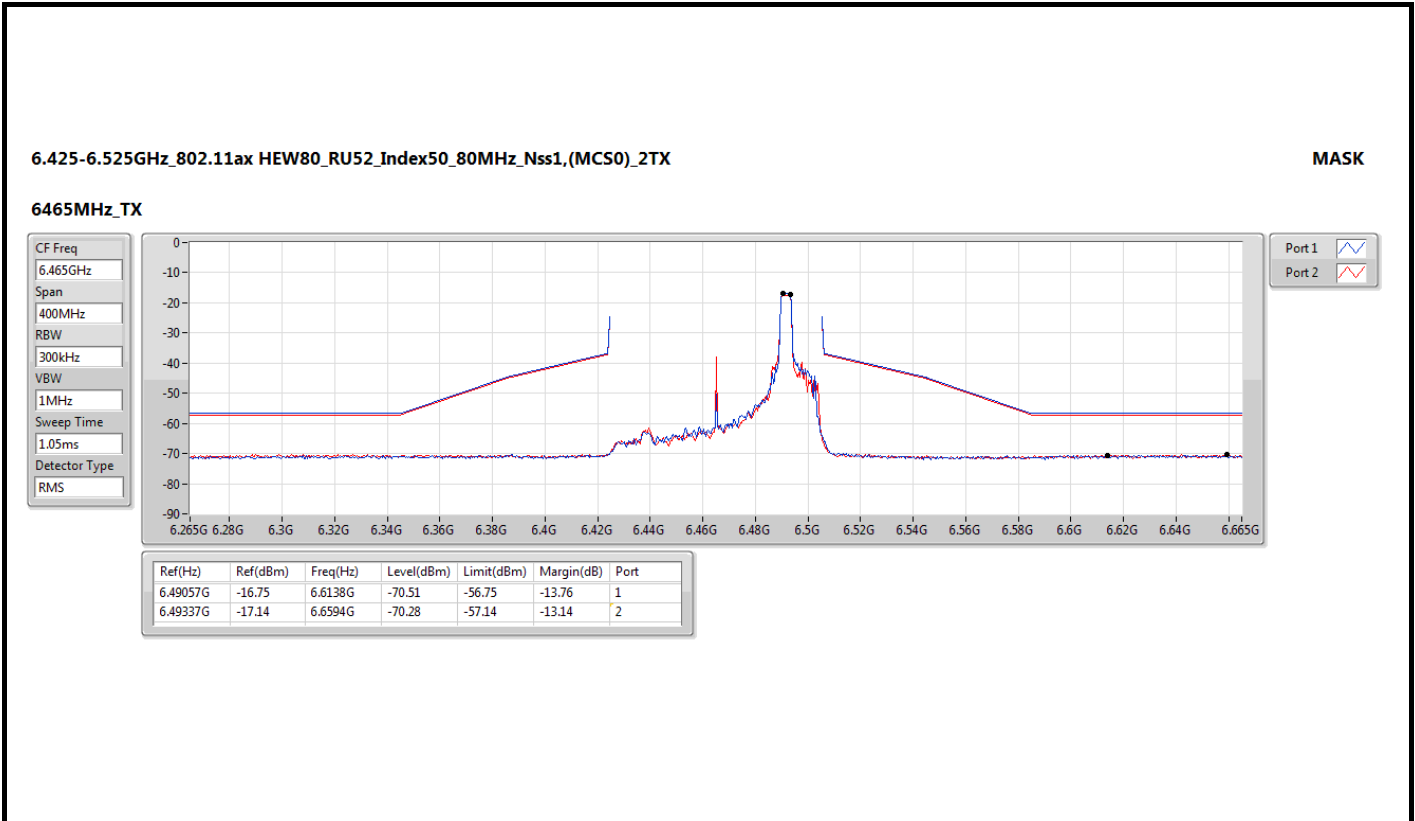
MASK

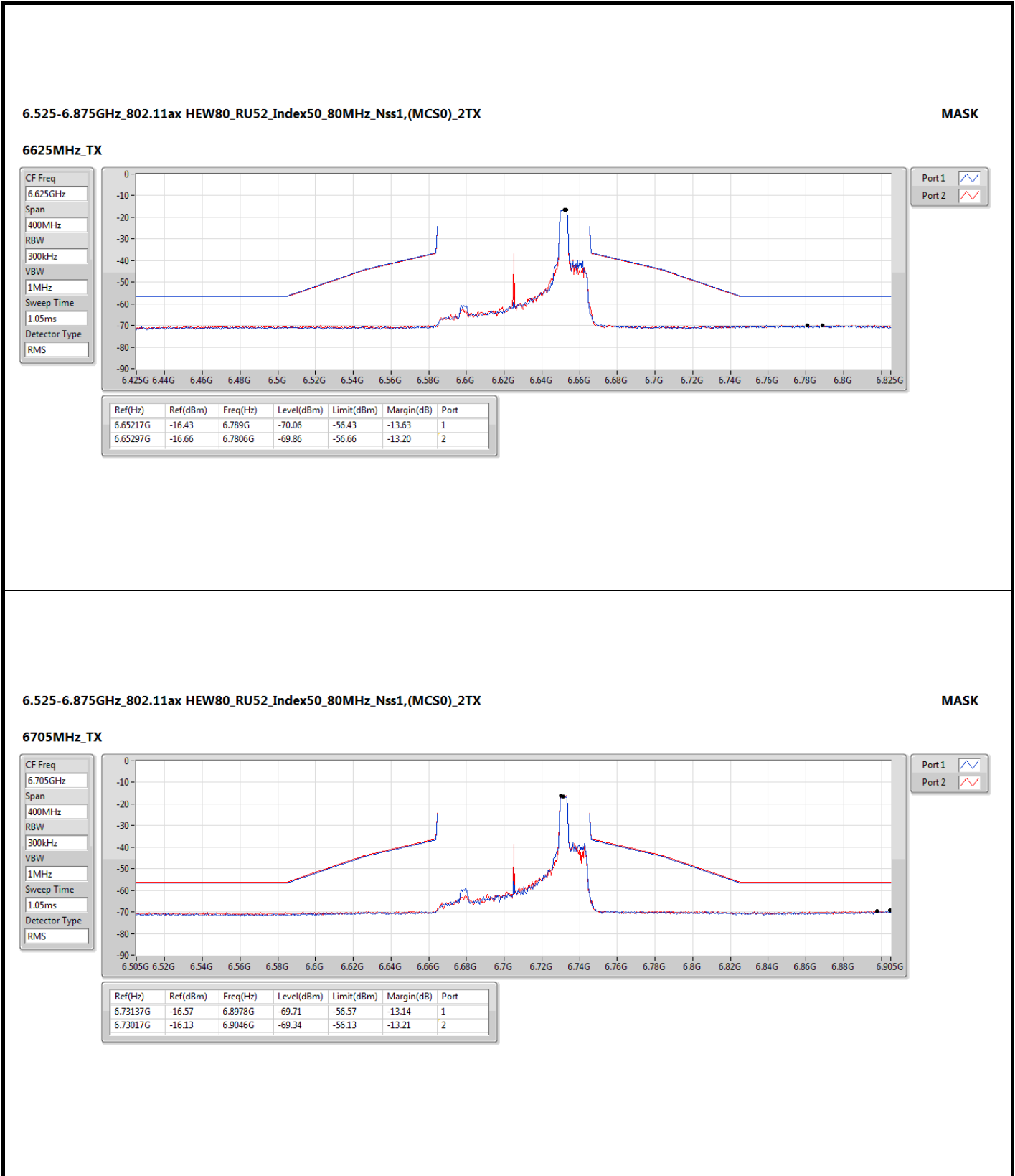
6945MHz\_TX

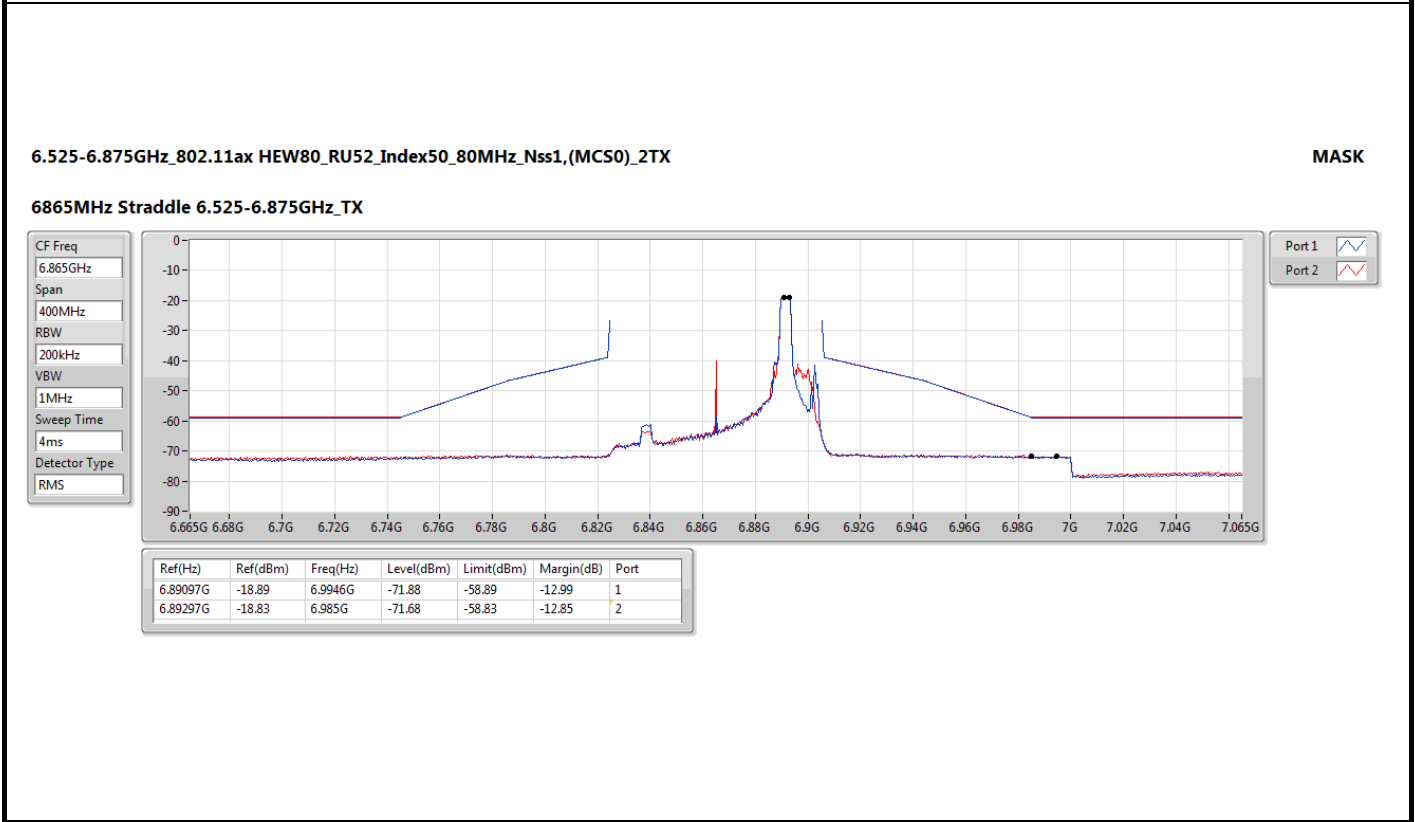
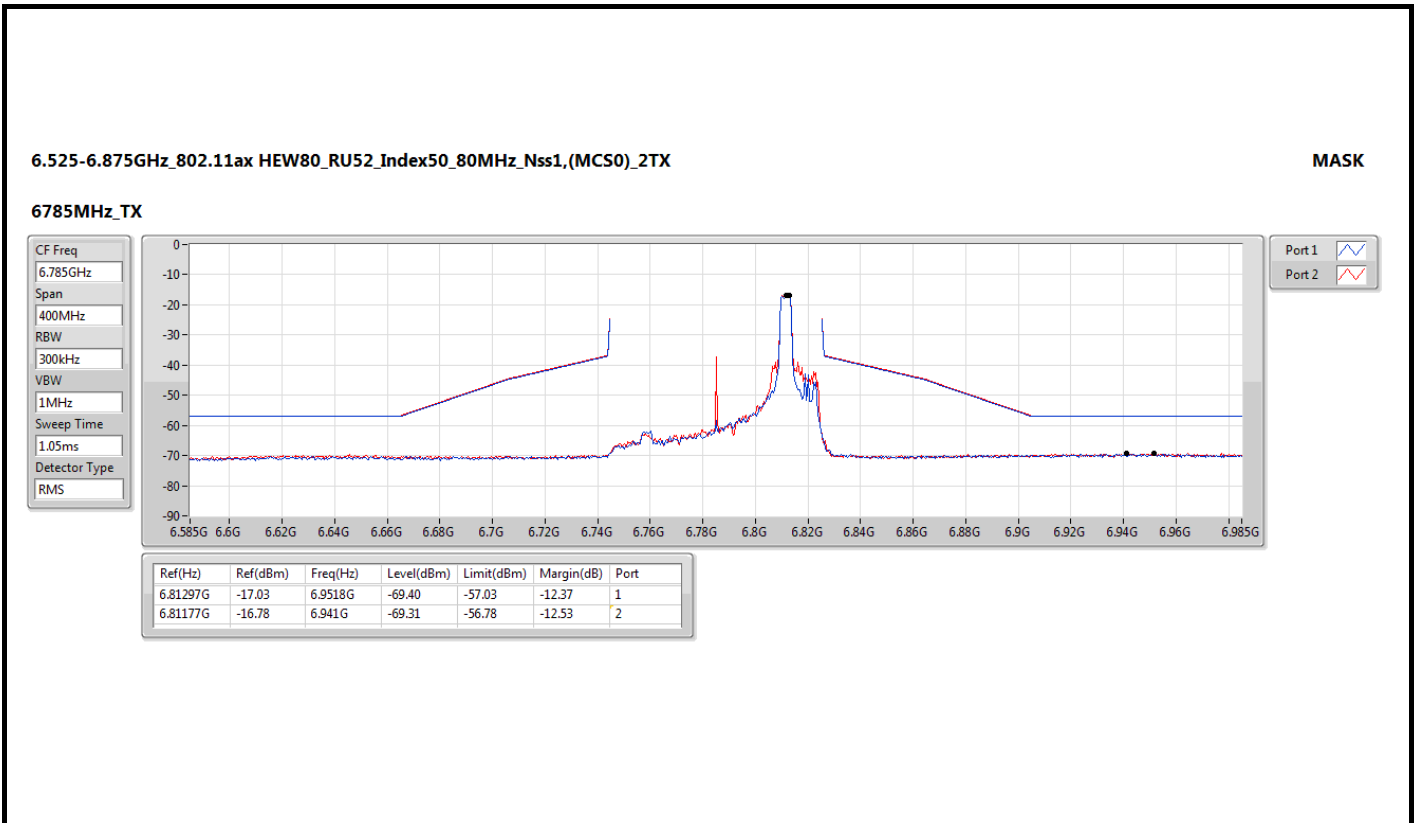


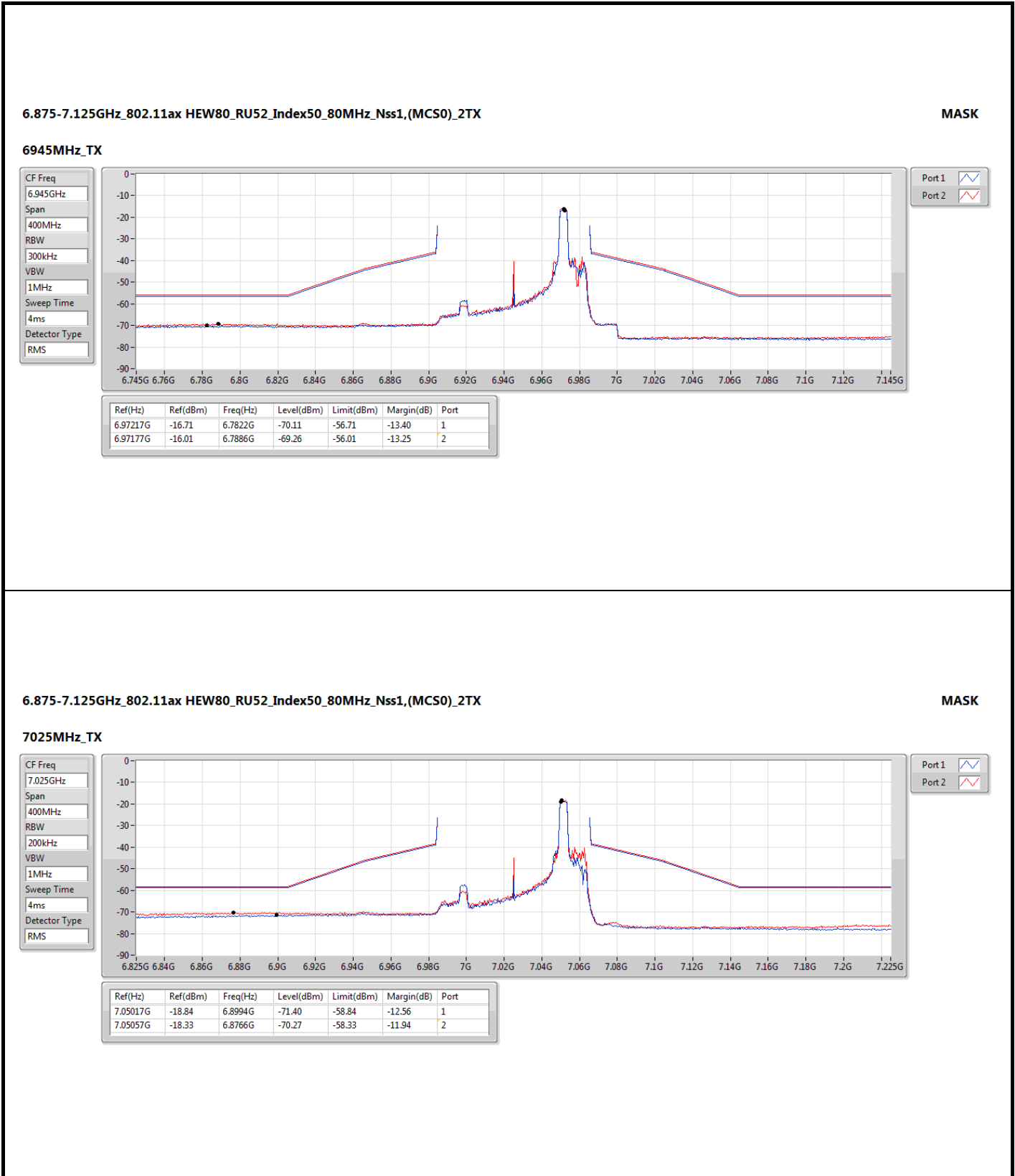












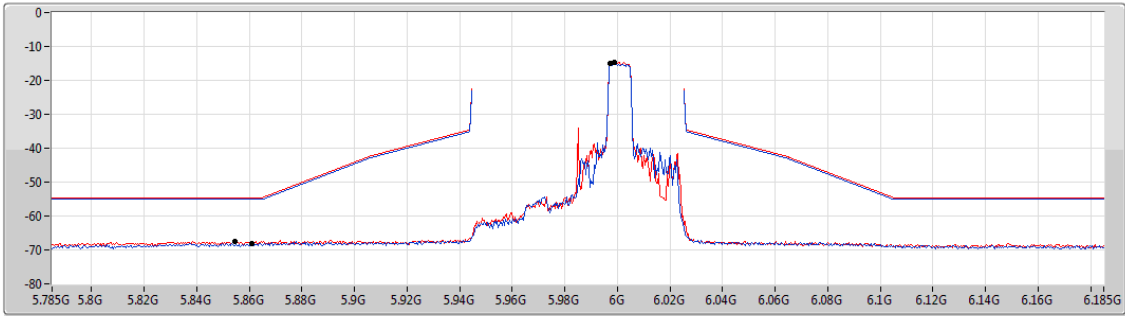


5.925-6.425GHz\_802.11ax HEW80\_RU106\_Index58\_80MHz\_Nss1,(MCS0)\_2TX

MASK

5985MHz\_TX

CF Freq  
5.985GHz  
Span  
400MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
1.57ms  
Detector Type  
RMS



Port 1  
Port 2

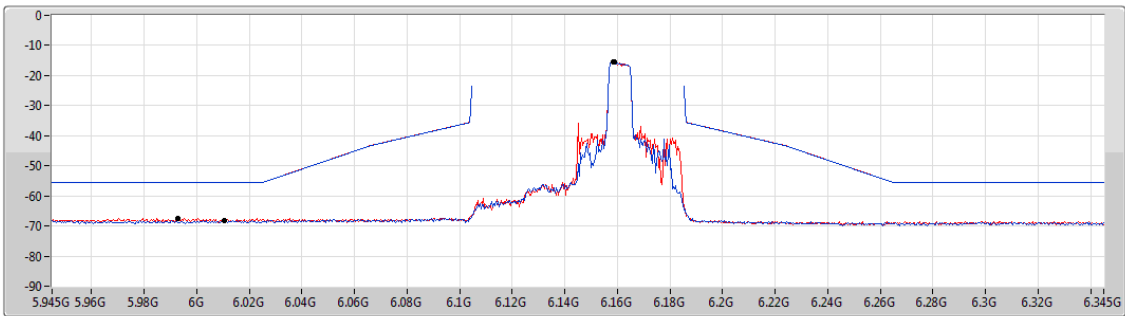
Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
5.99739G	-15.09	5.861G	-67.99	-55.09	-12.90	1
5.99899G	-14.57	5.8546G	-67.47	-54.57	-12.90	2

5.925-6.425GHz\_802.11ax HEW80\_RU106\_Index58\_80MHz\_Nss1,(MCS0)\_2TX

MASK

6145MHz\_TX

CF Freq  
6.145GHz  
Span  
400MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
1.57ms  
Detector Type  
RMS



Port 1  
Port 2

Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.15899G	-15.60	6.0106G	-68.09	-55.60	-12.49	1
6.15859G	-15.55	5.993G	-67.56	-55.55	-12.01	2





5.925-6.425GHz\_802.11ax HEW80\_RU106\_Index58\_80MHz\_Nss1,(MCS0)\_2TX

MASK

6385MHz\_TX

CF Freq  
6.385GHz

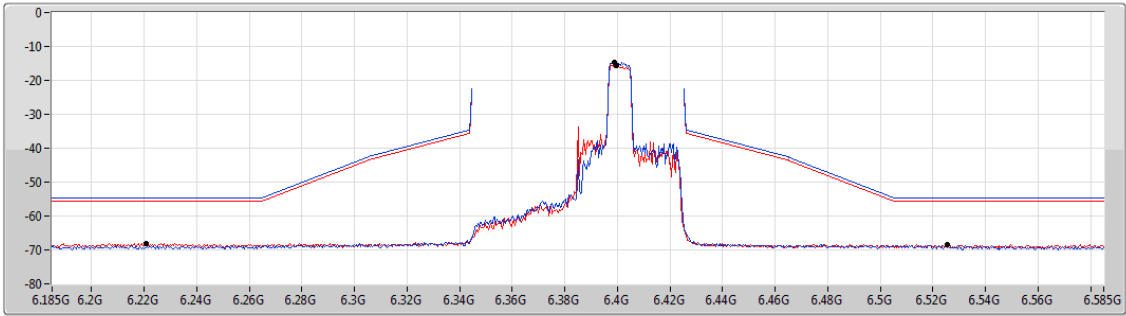
Span  
400MHz

RBW  
500kHz

VBW  
2MHz

Sweep Time  
1.57ms

Detector Type  
RMS



Port 1

Port 2

Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.39899G	-14.59	6.5254G	-68.52	-54.59	-13.93	1
6.39979G	-15.57	6.2206G	-68.04	-55.57	-12.47	2

6.425-6.525GHz\_802.11ax HEW80\_RU106\_Index58\_80MHz\_Nss1,(MCS0)\_2TX

MASK

6465MHz\_TX

CF Freq  
6.465GHz

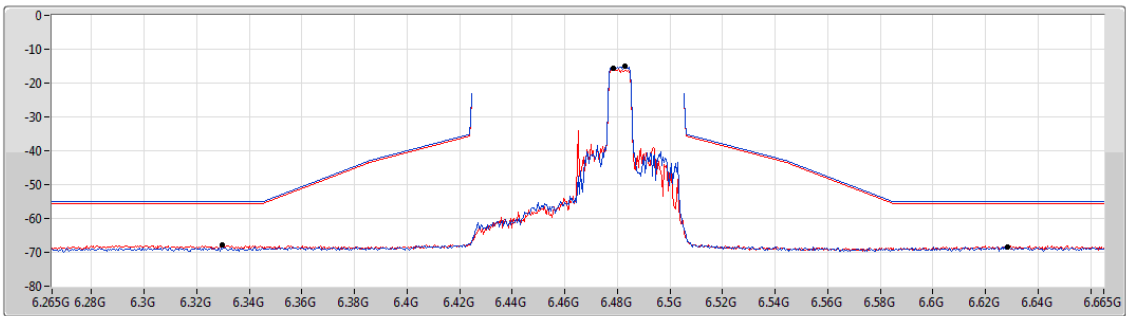
Span  
400MHz

RBW  
500kHz

VBW  
2MHz

Sweep Time  
1.57ms

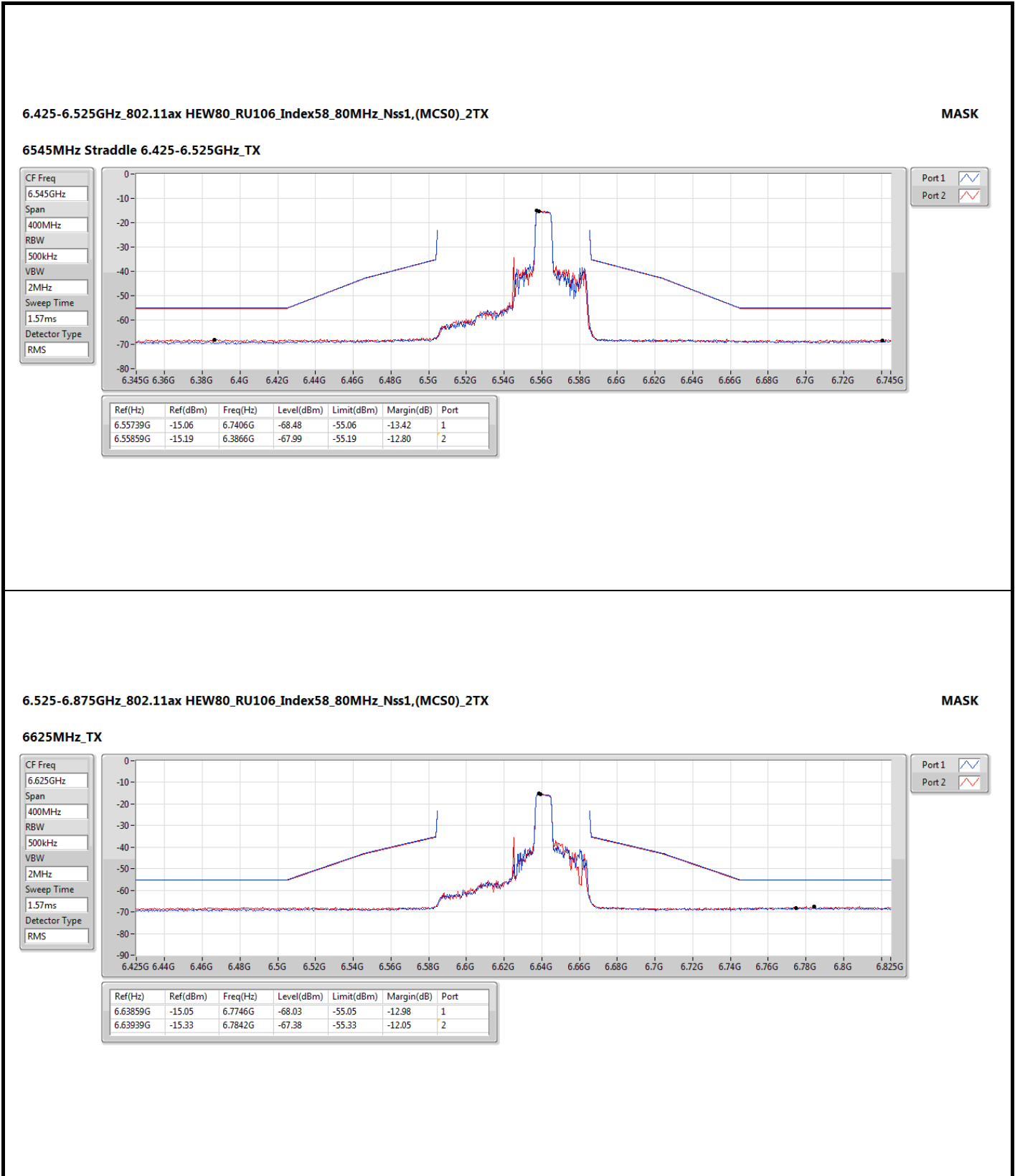
Detector Type  
RMS

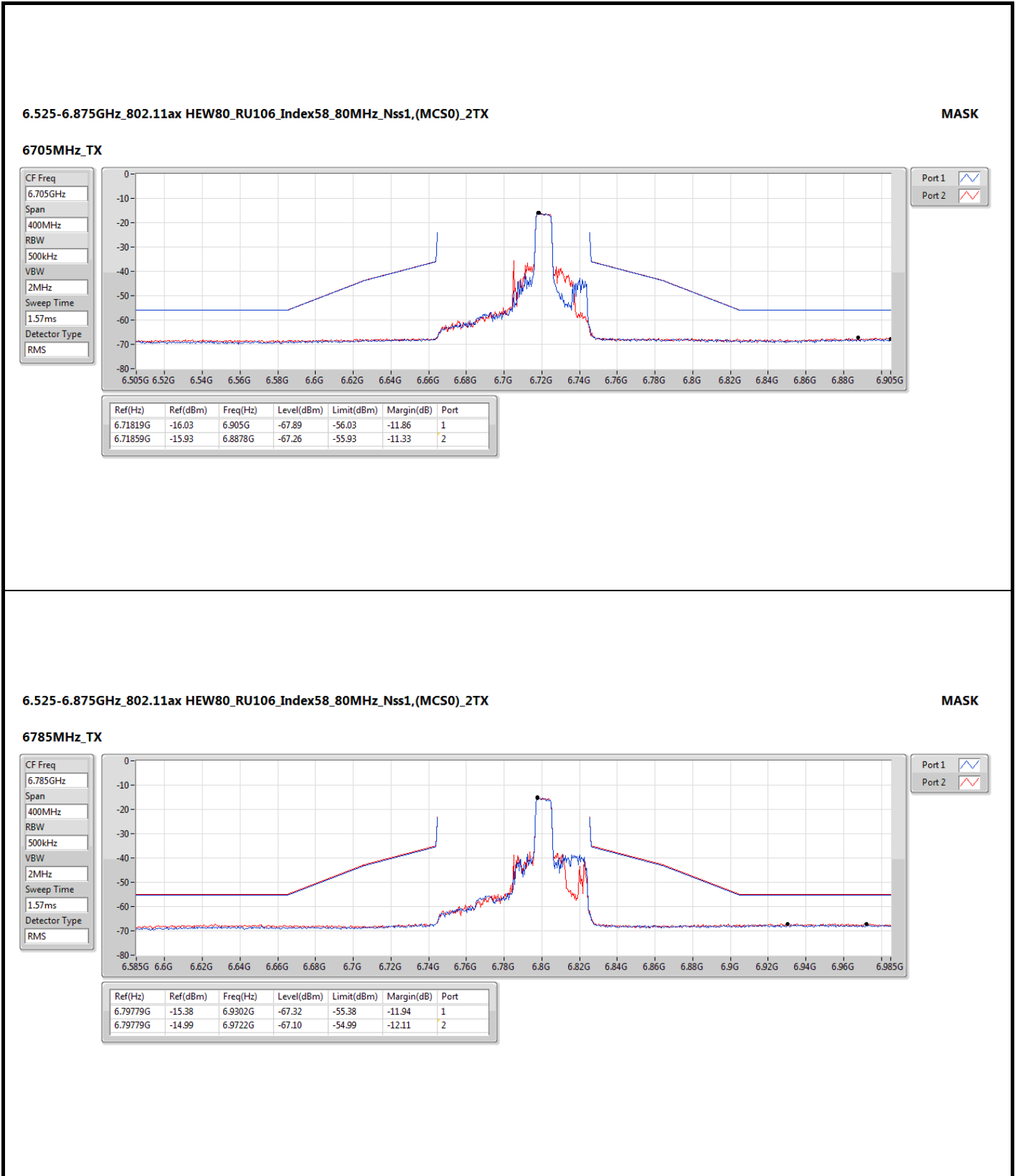


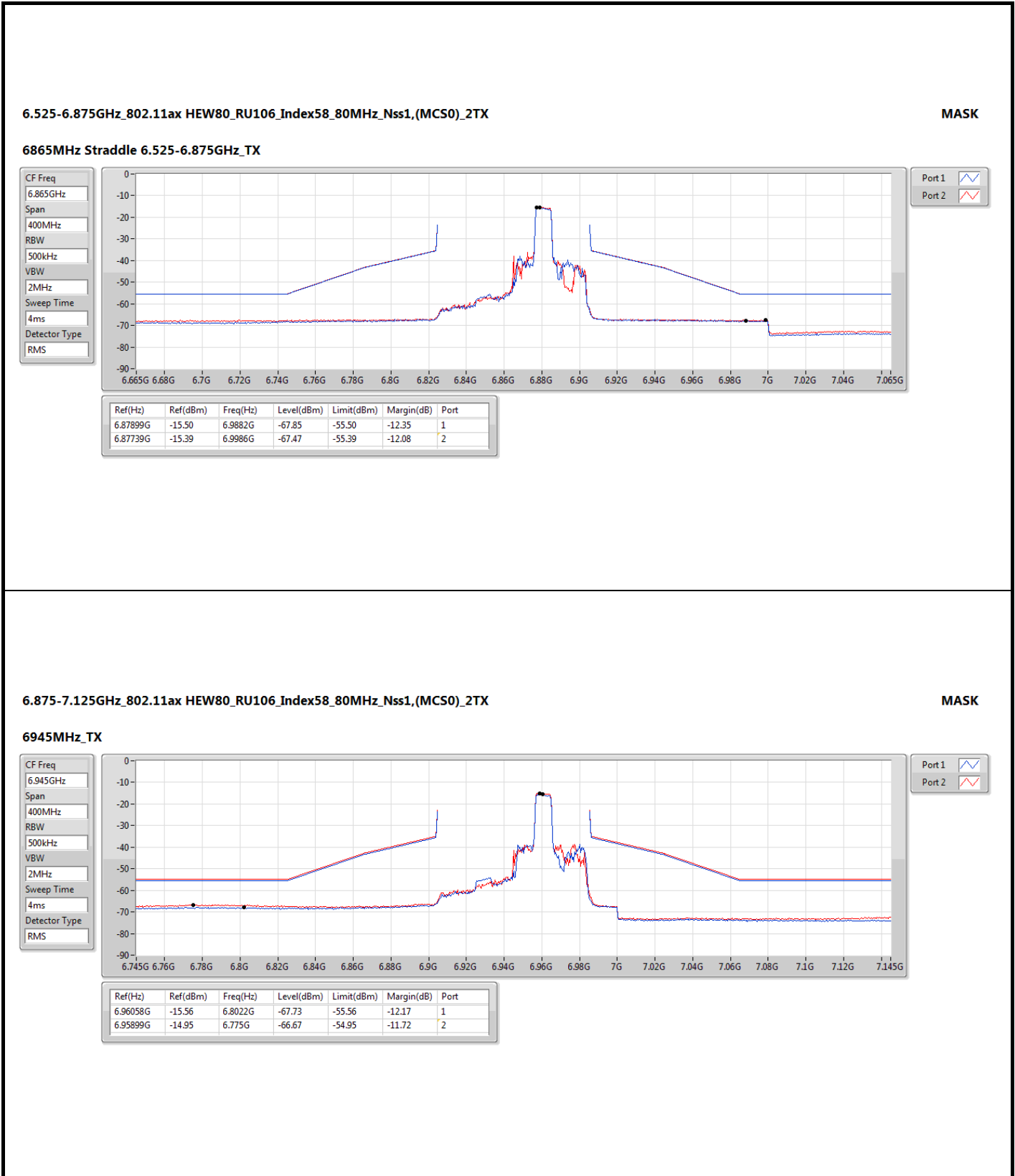
Port 1

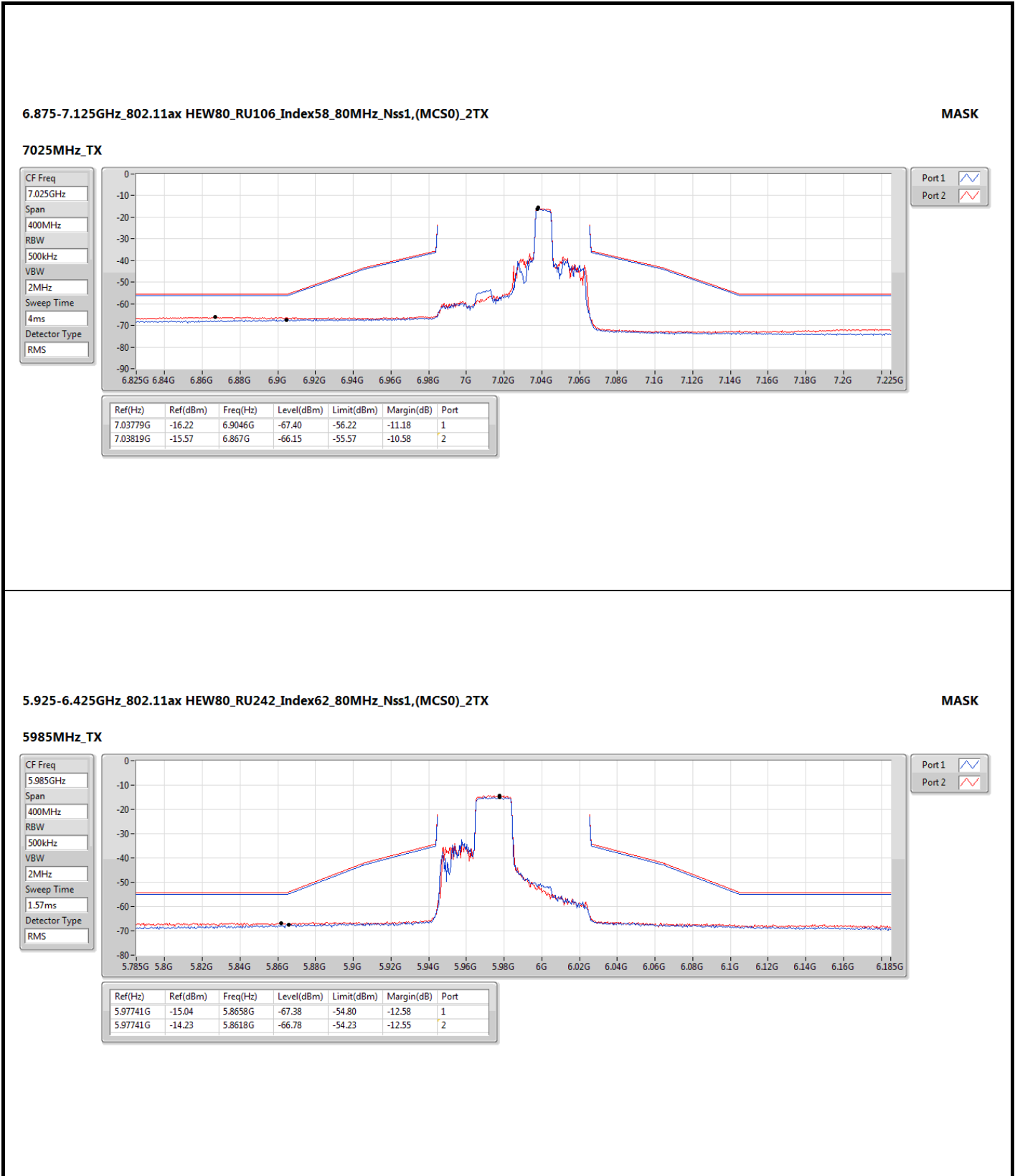
Port 2

Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.48298G	-15.10	6.6286G	-68.36	-55.10	-13.26	1
6.47859G	-15.63	6.3298G	-67.95	-55.63	-12.32	2









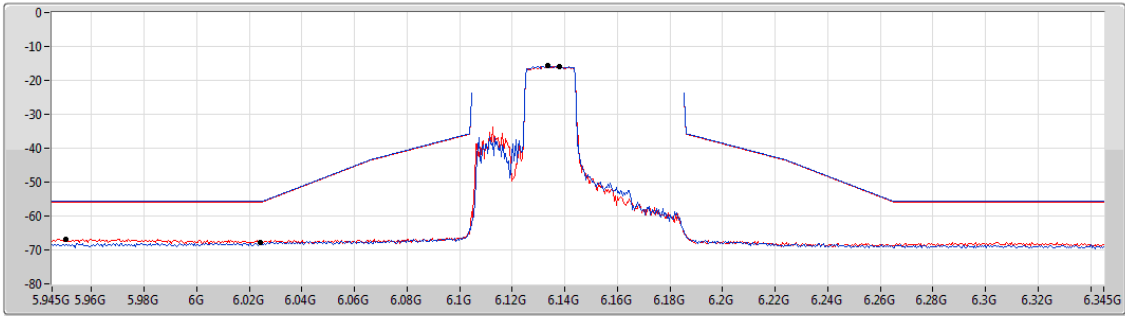


5.925-6.425GHz\_802.11ax HEW80\_RU242\_Index62\_80MHz\_Nss1,(MCS0)\_2TX

MASK

6145MHz\_TX

CF Freq  
6.145GHz  
Span  
400MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
1.57ms  
Detector Type  
RMS



Port 1  
Port 2

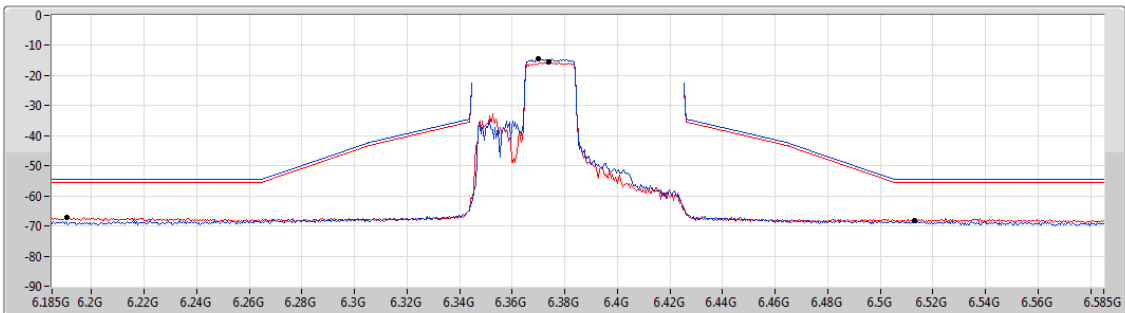
Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.13341G	-15.68	6.0242G	-67.90	-55.68	-12.22	1
6.13781G	-15.83	5.9502G	-66.76	-55.83	-10.93	2

5.925-6.425GHz\_802.11ax HEW80\_RU242\_Index62\_80MHz\_Nss1,(MCS0)\_2TX

MASK

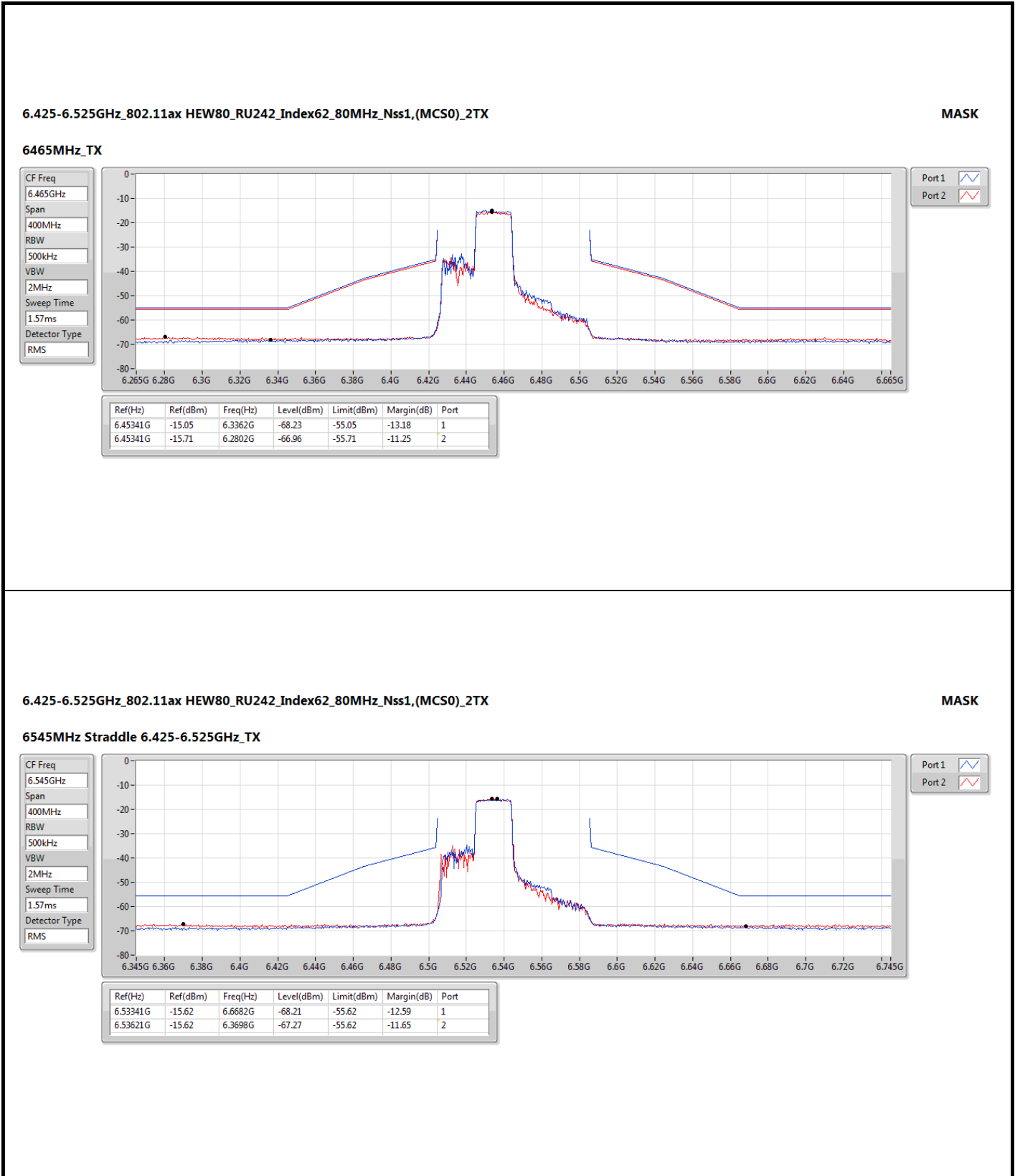
6385MHz\_TX

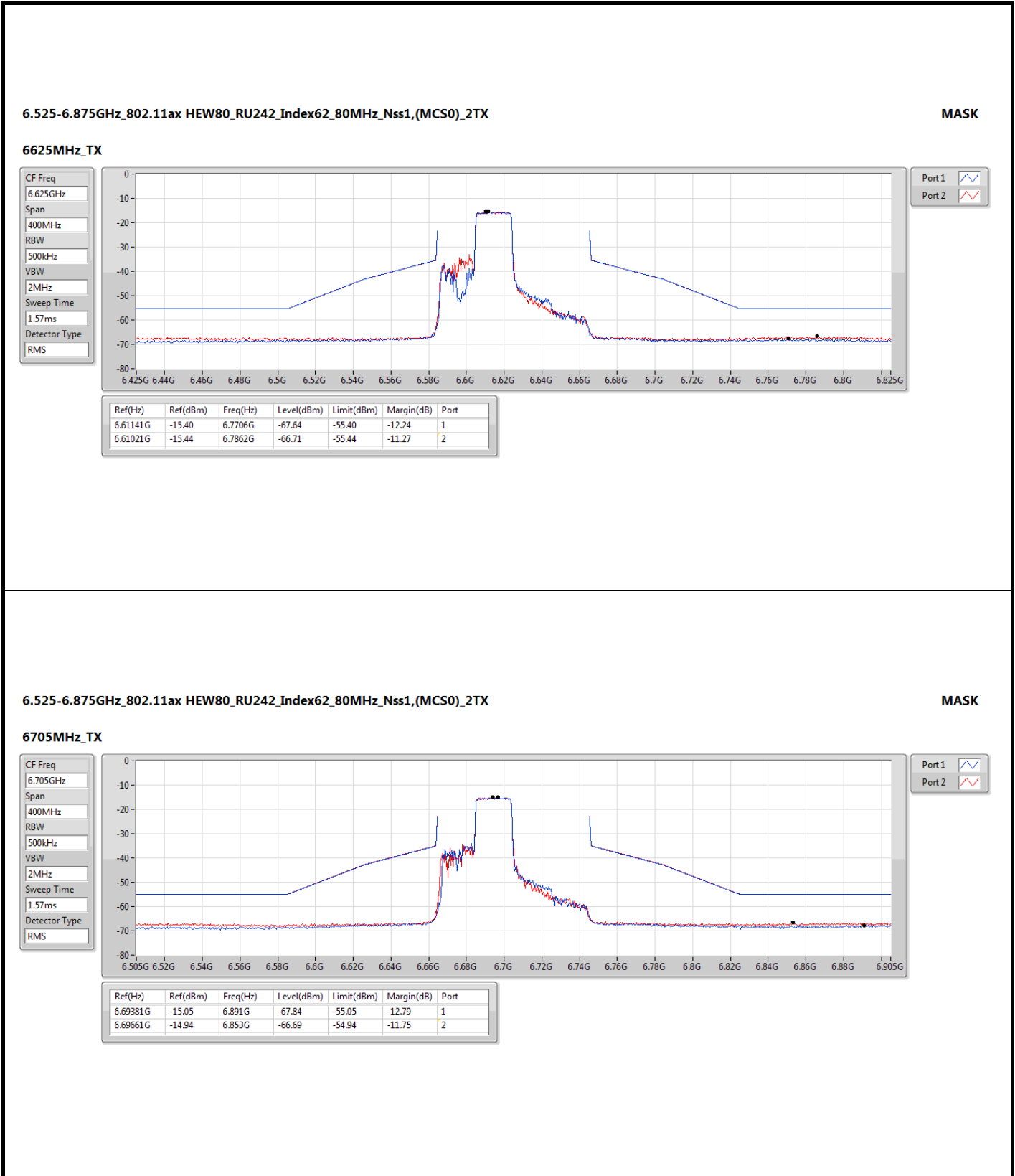
CF Freq  
6.385GHz  
Span  
400MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
1.57ms  
Detector Type  
RMS



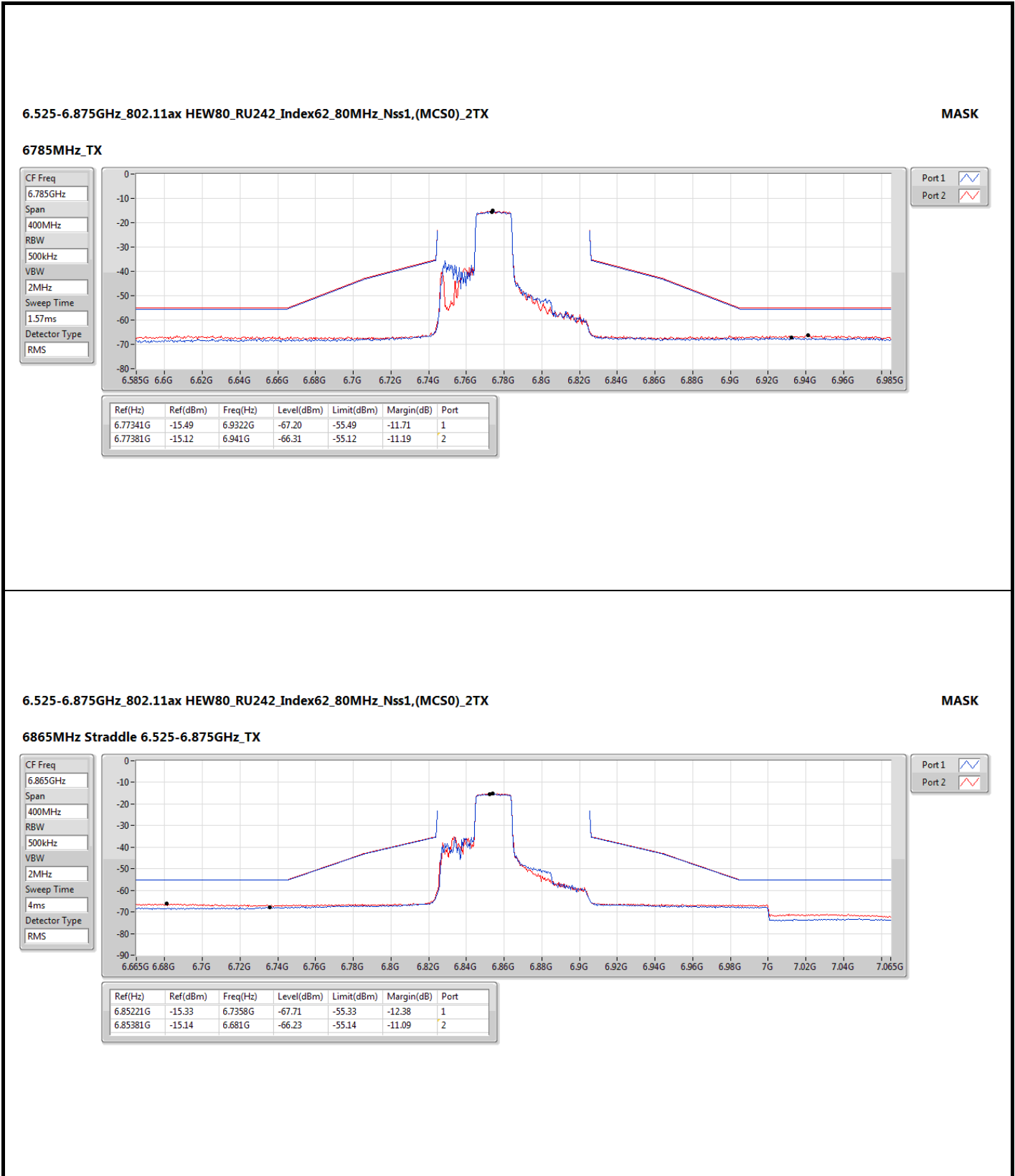
Port 1  
Port 2

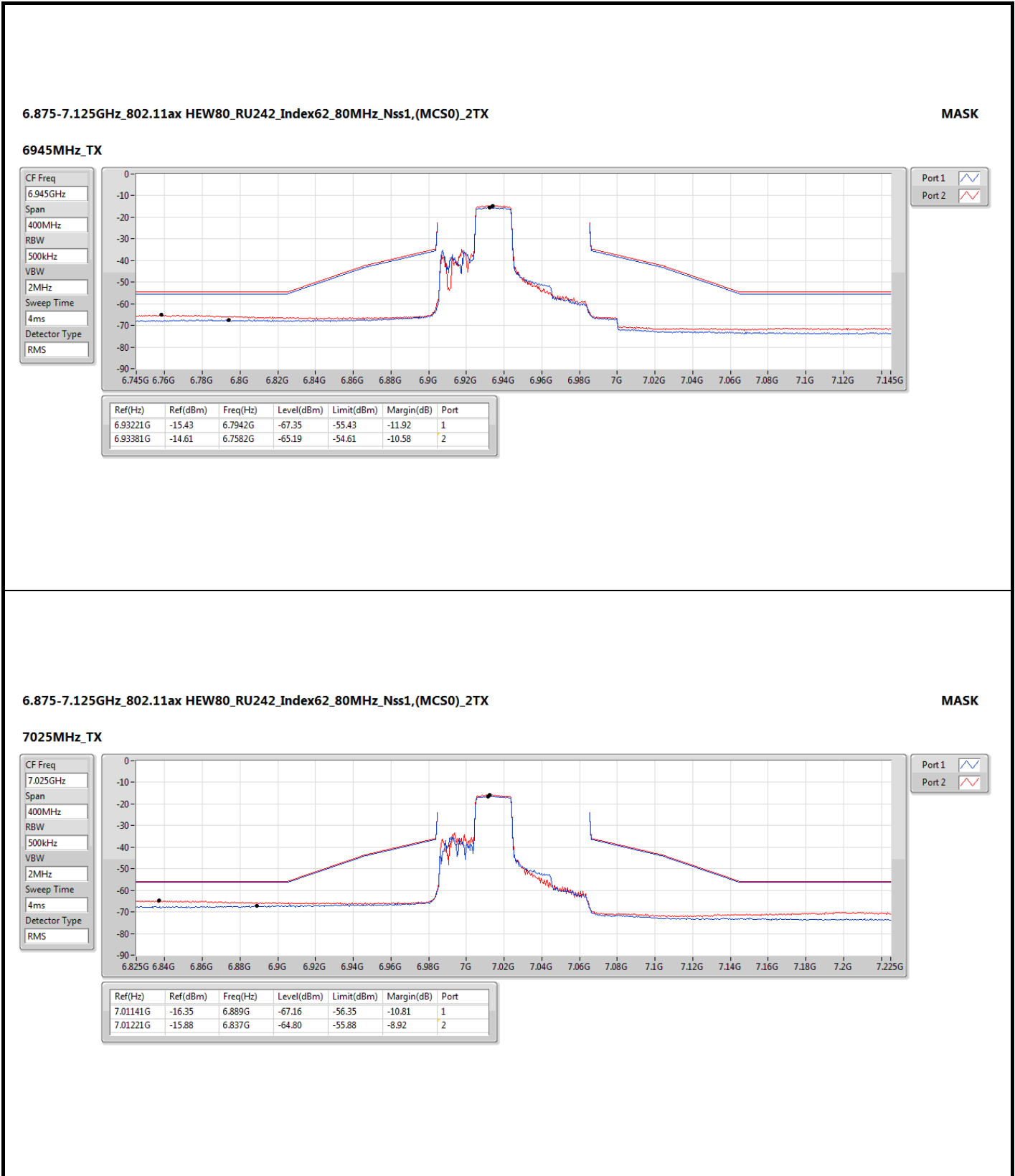
Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.36982G	-14.42	6.513G	-68.25	-54.42	-13.83	1
6.37381G	-15.40	6.1906G	-67.13	-55.40	-11.73	2

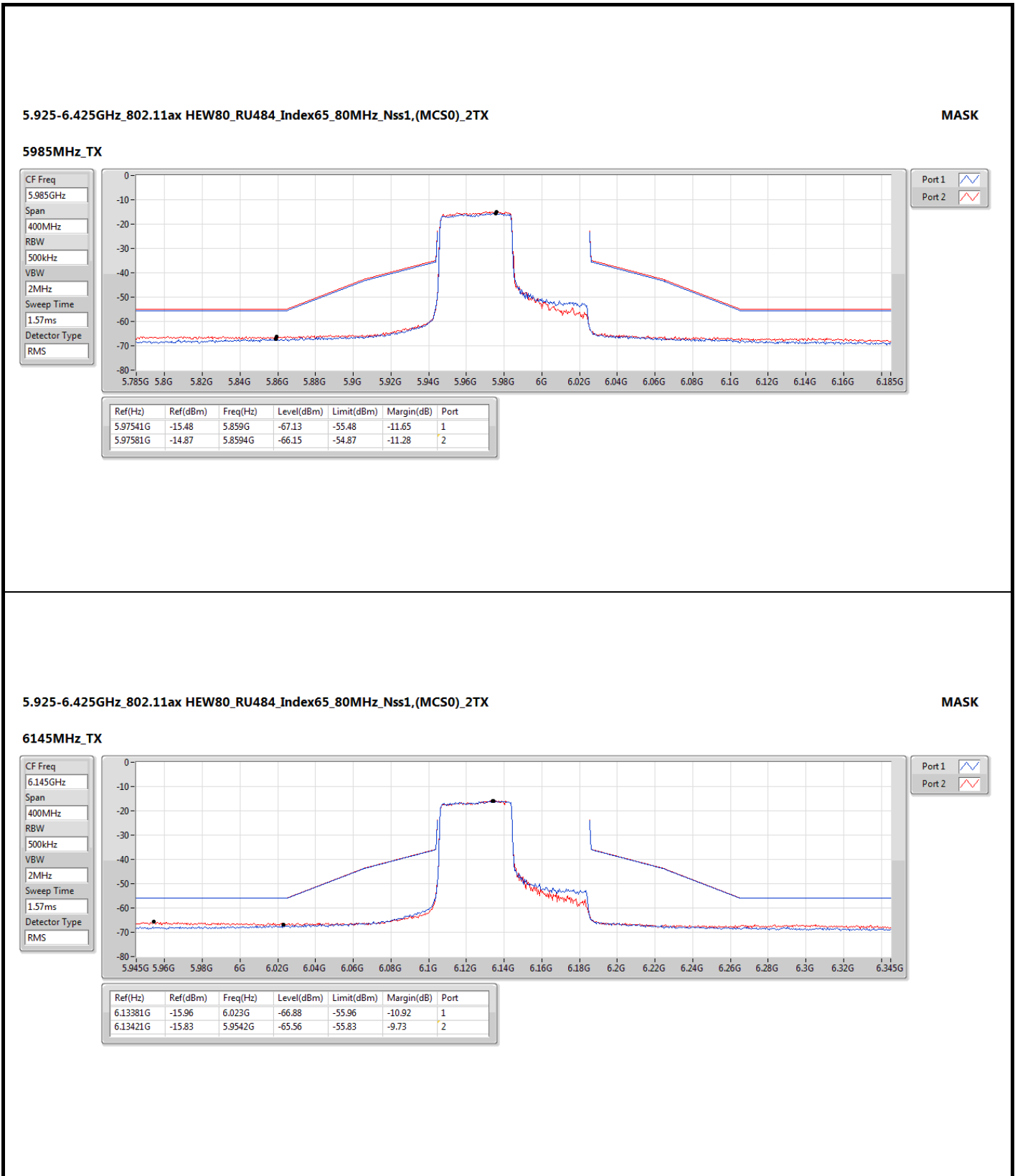














5.925-6.425GHz\_802.11ax HEW80\_RU484\_Index65\_80MHz\_Nss1,(MCS0)\_2TX

MASK

6385MHz\_TX

CF Freq  
6.385GHz

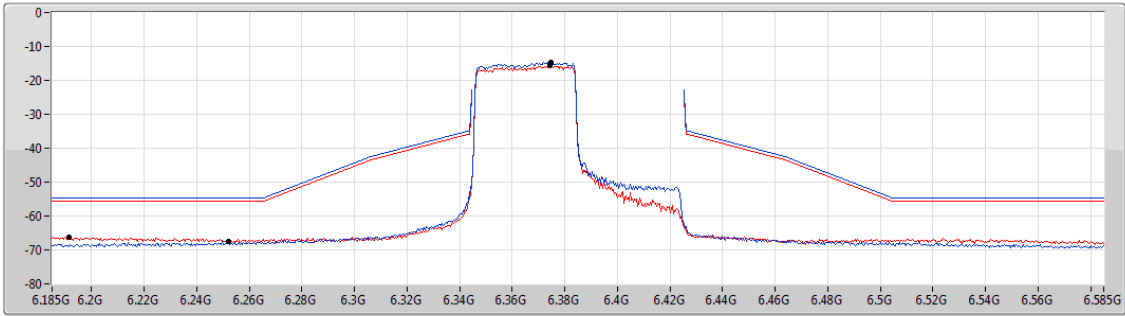
Span  
400MHz

RBW  
500kHz

VBW  
2MHz

Sweep Time  
1.57ms

Detector Type  
RMS



Port 1

Port 2

Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.37461G	-14.78	6.2522G	-67.46	-54.78	-12.68	1
6.37421G	-15.76	6.1914G	-66.23	-55.76	-10.47	2

6.425-6.525GHz\_802.11ax HEW80\_RU484\_Index65\_80MHz\_Nss1,(MCS0)\_2TX

MASK

6465MHz\_TX

CF Freq  
6.465GHz

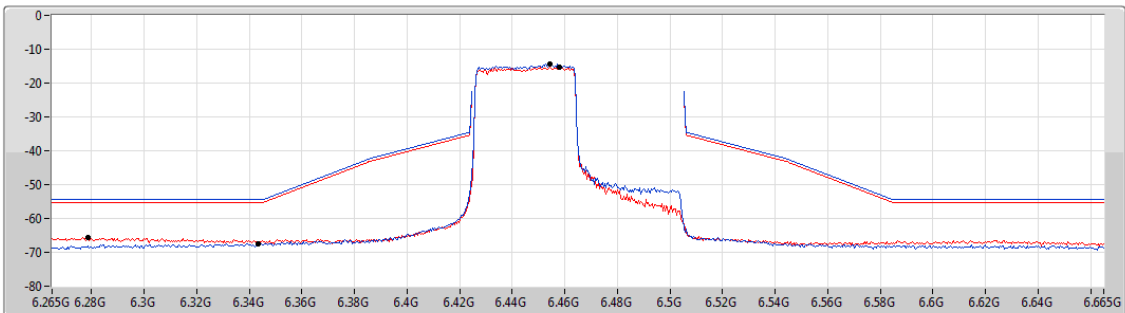
Span  
400MHz

RBW  
500kHz

VBW  
2MHz

Sweep Time  
1.57ms

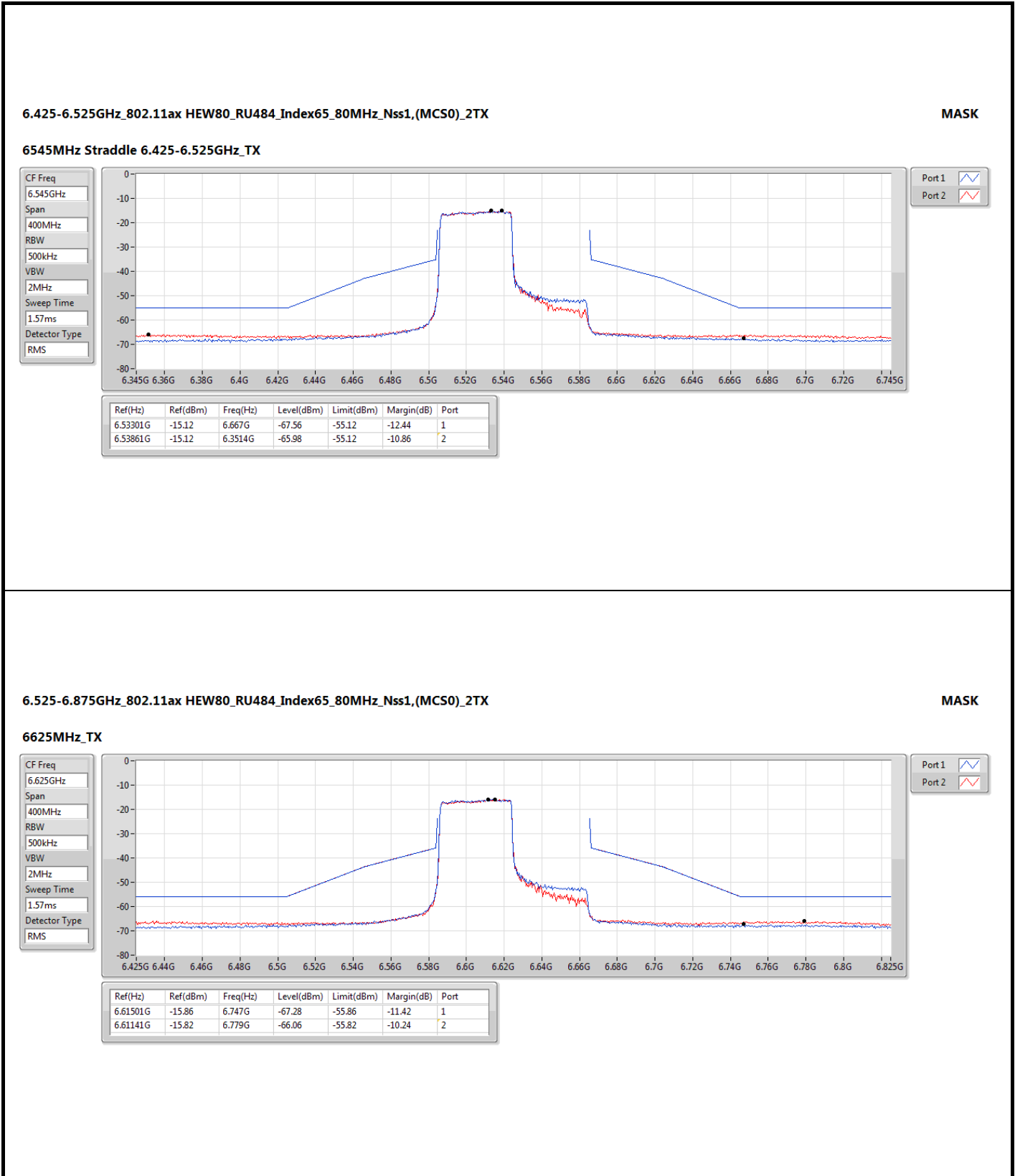
Detector Type  
RMS

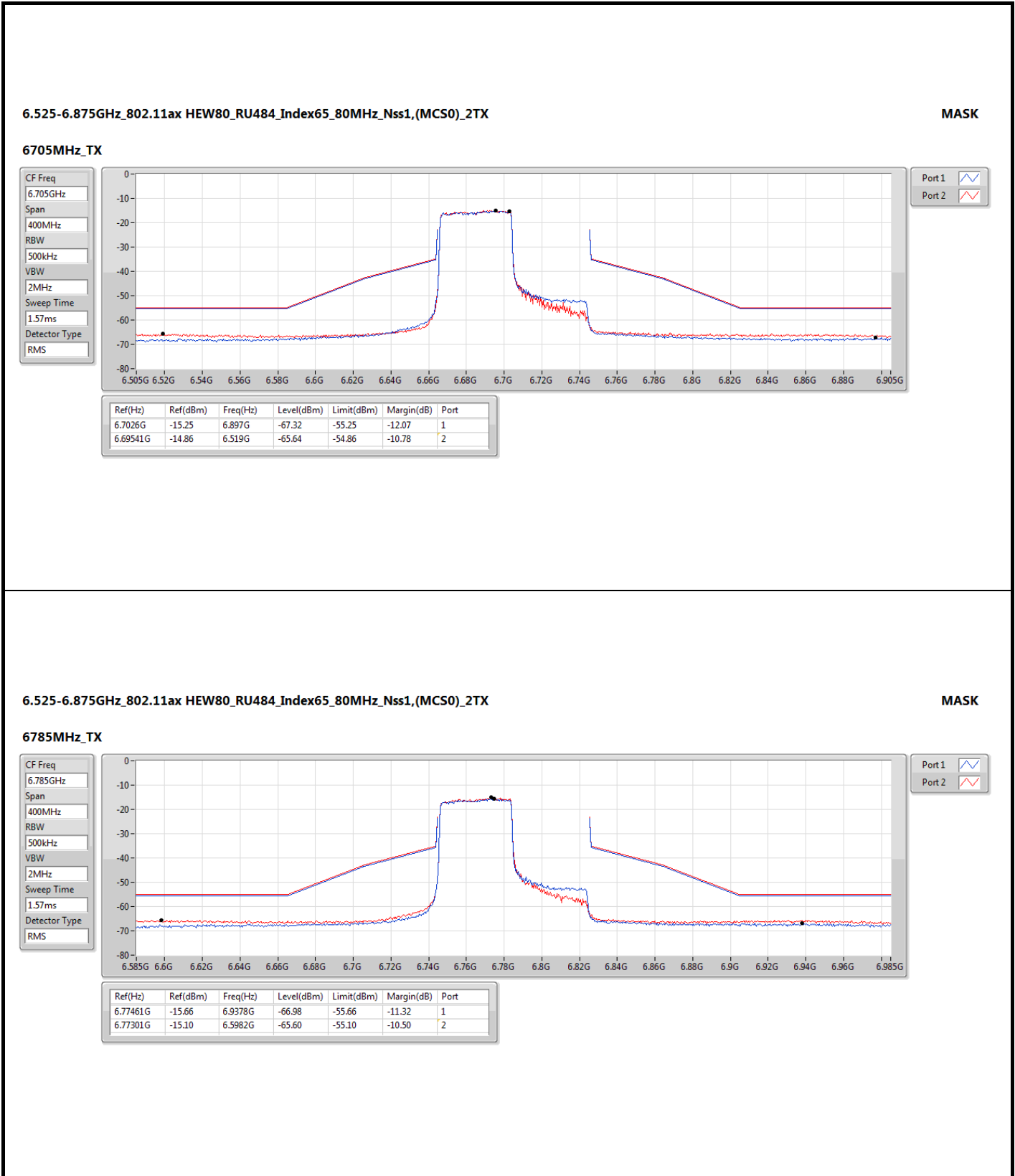


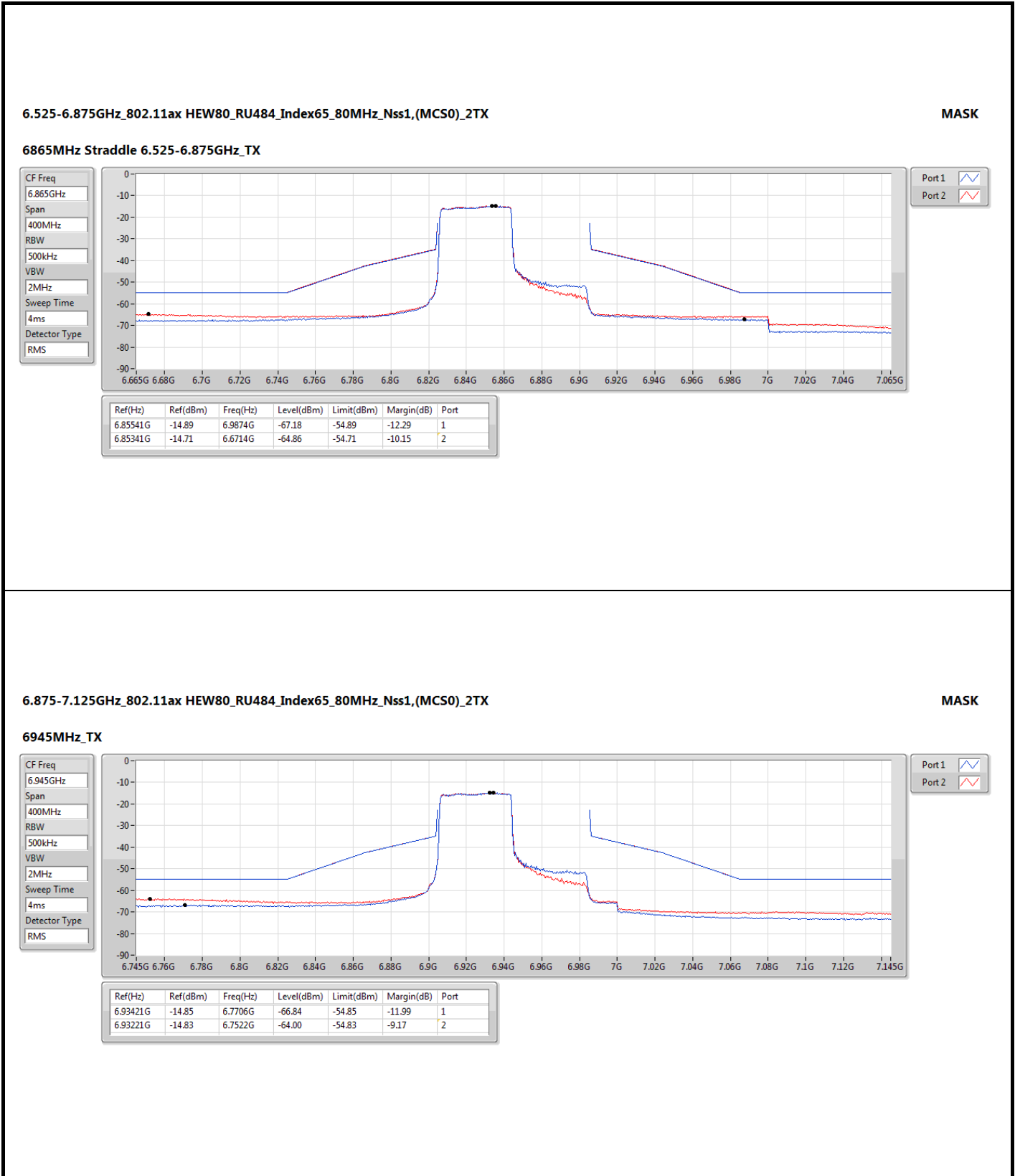
Port 1

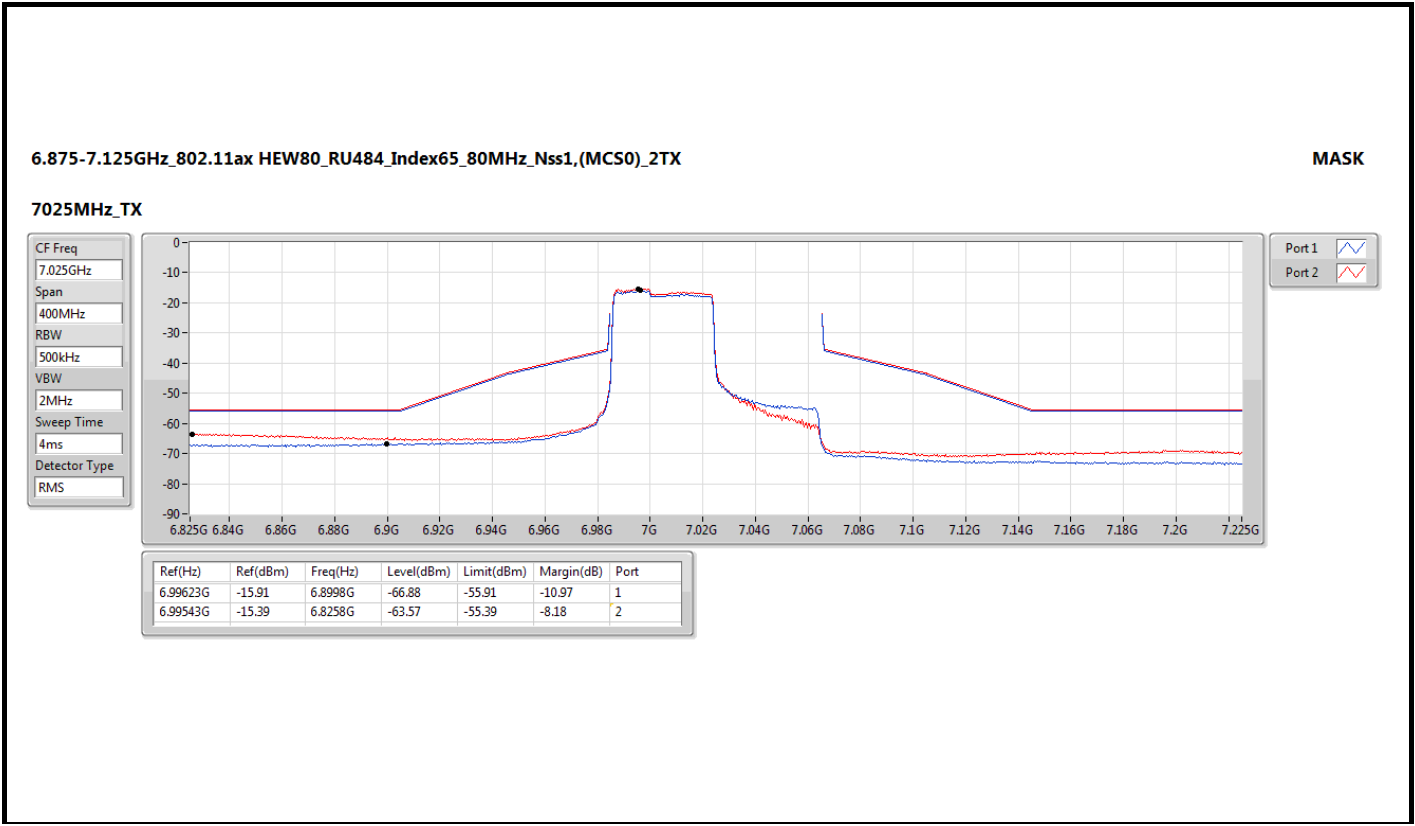
Port 2

Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.45421G	-14.52	6.3434G	-67.38	-54.52	-12.86	1
6.45781G	-15.36	6.2786G	-65.77	-55.36	-10.41	2









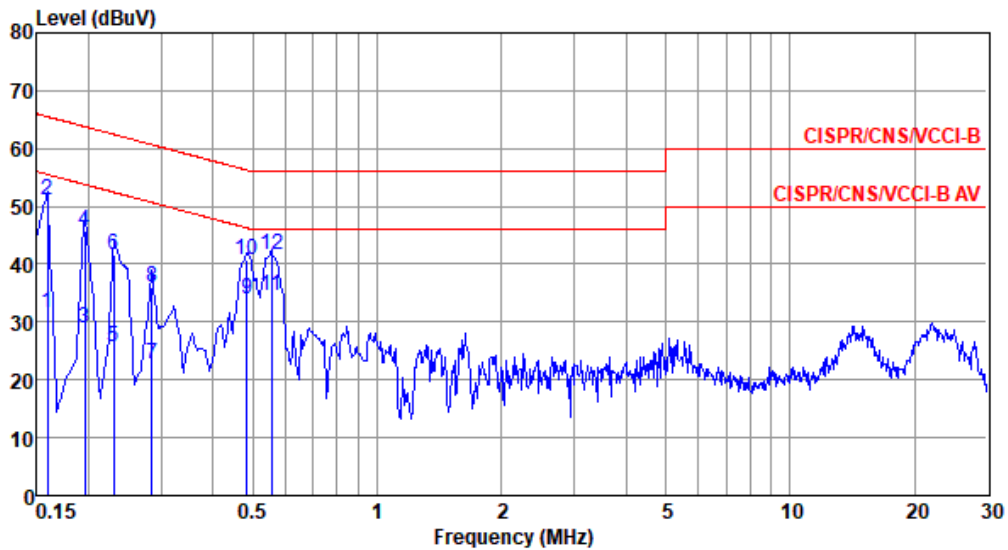




SC Module with PCB Dipole antenna

Modulation	ax HE80 RU484	Test Freq. (MHz)	6385
Power Phase	Line		

Test by : Joe Liao      Temperature: 22°C      Humidity: 68%



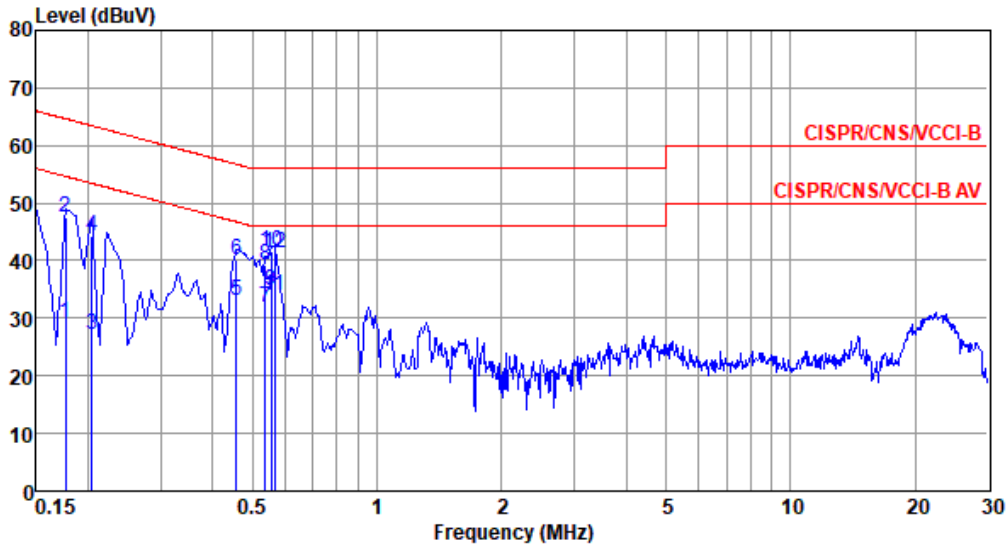
	Freq MHz	Level dBUV	Limit Line dBUV	Over Limit dB	Read Level dBUV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.159	31.58	55.52	-23.94	21.71	9.63	0.06	0.18	Average
2	0.159	51.06	65.52	-14.46	41.19	9.63	0.06	0.18	QP
3	0.195	29.04	53.80	-24.76	19.17	9.62	0.06	0.19	Average
4	0.195	45.63	63.80	-18.17	35.76	9.62	0.06	0.19	QP
5	0.230	25.76	52.44	-26.68	15.87	9.62	0.06	0.21	Average
6	0.230	41.55	62.44	-20.89	31.66	9.62	0.06	0.21	QP
7	0.285	22.65	50.68	-28.03	12.72	9.62	0.06	0.25	Average
8	0.285	36.04	60.68	-24.64	26.11	9.62	0.06	0.25	QP
9	0.484	33.87	46.27	-12.40	23.87	9.62	0.07	0.31	Average
10	0.484	40.71	56.27	-15.56	30.71	9.62	0.07	0.31	QP
11*	0.555	34.63	46.00	-11.37	24.62	9.62	0.08	0.31	Average
12	0.555	41.57	56.00	-14.43	31.56	9.62	0.08	0.31	QP

Note 1: Level (dBUV) = Read Level (dBUV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).  
 2: Over Limit (dB) = Level (dBUV) – Limit Line (dBUV).



Modulation	ax HE80 RU484	Test Freq. (MHz)	6385
Power Phase	Neutral		

Test by : Joe Liao      Temperature: 22°C      Humidity: 68%



	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.177	29.16	54.64	-25.48	19.28	9.63	0.06	0.19	Average
2	0.177	47.49	64.64	-17.15	37.61	9.63	0.06	0.19	QP
3	0.204	27.20	53.45	-26.25	17.32	9.63	0.06	0.19	Average
4	0.204	44.28	63.45	-19.17	34.40	9.63	0.06	0.19	QP
5	0.456	33.02	46.76	-13.74	23.03	9.62	0.07	0.30	Average
6	0.456	40.14	56.76	-16.62	30.15	9.62	0.07	0.30	QP
7	0.538	31.86	46.00	-14.14	21.85	9.62	0.08	0.31	Average
8	0.538	39.16	56.00	-16.84	29.15	9.62	0.08	0.31	QP
9*	0.555	34.81	46.00	-11.19	24.80	9.62	0.08	0.31	Average
10	0.555	41.62	56.00	-14.38	31.61	9.62	0.08	0.31	QP
11	0.564	33.99	46.00	-12.01	23.98	9.62	0.08	0.31	Average
12	0.564	41.29	56.00	-14.71	31.28	9.62	0.08	0.31	QP

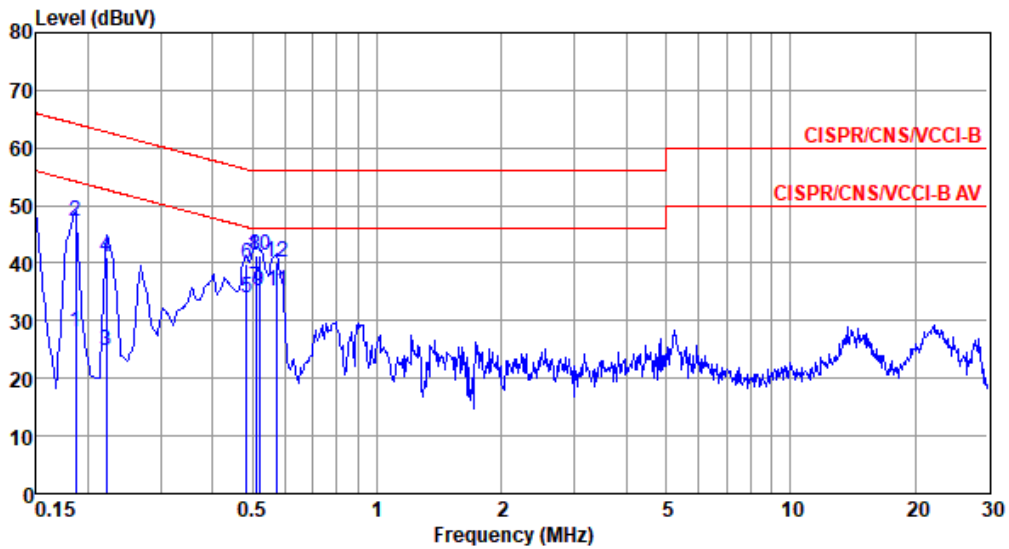
Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).  
 2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).



ST M.2, SDIO Module with PCB Dipole antenna

Modulation	ax HE80 RU484	Test Freq. (MHz)	6385
Power Phase	Line		

Test by : Joe Liao      Temperature: 22°C      Humidity: 68%



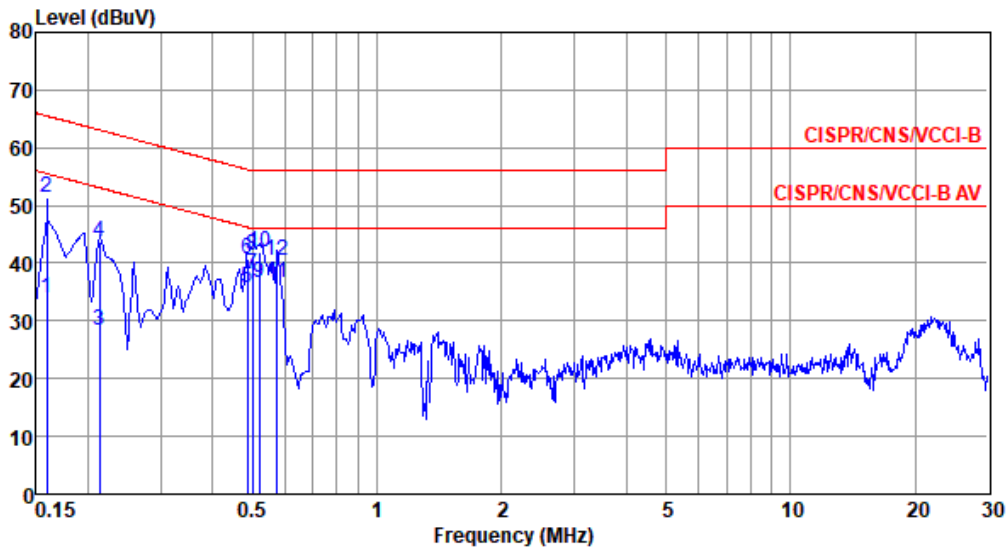
	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.186	28.17	54.20	-26.03	18.30	9.62	0.06	0.19	Average
2	0.186	47.31	64.20	-16.89	37.44	9.62	0.06	0.19	QP
3	0.222	24.70	52.74	-28.04	14.81	9.62	0.06	0.21	Average
4	0.222	41.07	62.74	-21.67	31.18	9.62	0.06	0.21	QP
5	0.484	33.85	46.27	-12.42	23.85	9.62	0.07	0.31	Average
6	0.484	39.80	56.27	-16.47	29.80	9.62	0.07	0.31	QP
7*	0.510	35.66	46.00	-10.34	25.66	9.62	0.07	0.31	Average
8	0.510	41.27	56.00	-14.73	31.27	9.62	0.07	0.31	QP
9	0.518	35.01	46.00	-10.99	25.01	9.62	0.07	0.31	Average
10	0.518	41.47	56.00	-14.53	31.47	9.62	0.07	0.31	QP
11	0.573	35.22	46.00	-10.78	25.21	9.62	0.08	0.31	Average
12	0.573	40.18	56.00	-15.82	30.17	9.62	0.08	0.31	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).  
 2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).



Modulation	ax HE80 RU484	Test Freq. (MHz)	6385
Power Phase	Neutral		

Test by : Joe Liao      Temperature: 22°C      Humidity: 68%



	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.159	33.96	55.52	-21.56	24.09	9.63	0.06	0.18	Average
2	0.159	51.25	65.52	-14.27	41.38	9.63	0.06	0.18	QP
3	0.213	28.43	53.10	-24.67	18.54	9.63	0.06	0.20	Average
4	0.213	43.76	63.10	-19.34	33.87	9.63	0.06	0.20	QP
5	0.486	35.63	46.23	-10.60	25.63	9.62	0.07	0.31	Average
6	0.486	40.63	56.23	-15.60	30.63	9.62	0.07	0.31	QP
7*	0.500	38.01	46.00	-7.99	28.01	9.62	0.07	0.31	Average
8	0.500	41.35	56.00	-14.65	31.35	9.62	0.07	0.31	QP
9	0.518	36.58	46.00	-9.42	26.58	9.62	0.07	0.31	Average
10	0.518	42.05	56.00	-13.95	32.05	9.62	0.07	0.31	QP
11	0.573	36.55	46.00	-9.45	26.54	9.62	0.08	0.31	Average
12	0.573	40.49	56.00	-15.51	30.48	9.62	0.08	0.31	QP

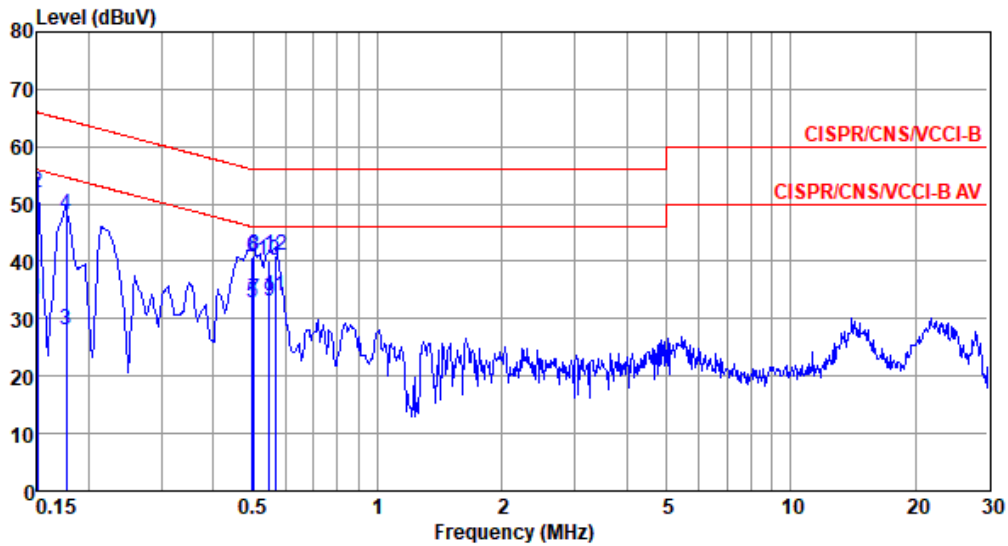
Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).  
 Note 2: Over Limit (dB) = Level (dBuV) - Limit Line (dBuV).



ST M.2, PCIe Module with PCB Dipole antenna

Modulation	ax HE80 RU484	Test Freq. (MHz)	6385
Power Phase	Line		

Test by : Joe Liao      Temperature: 22°C      Humidity: 68%



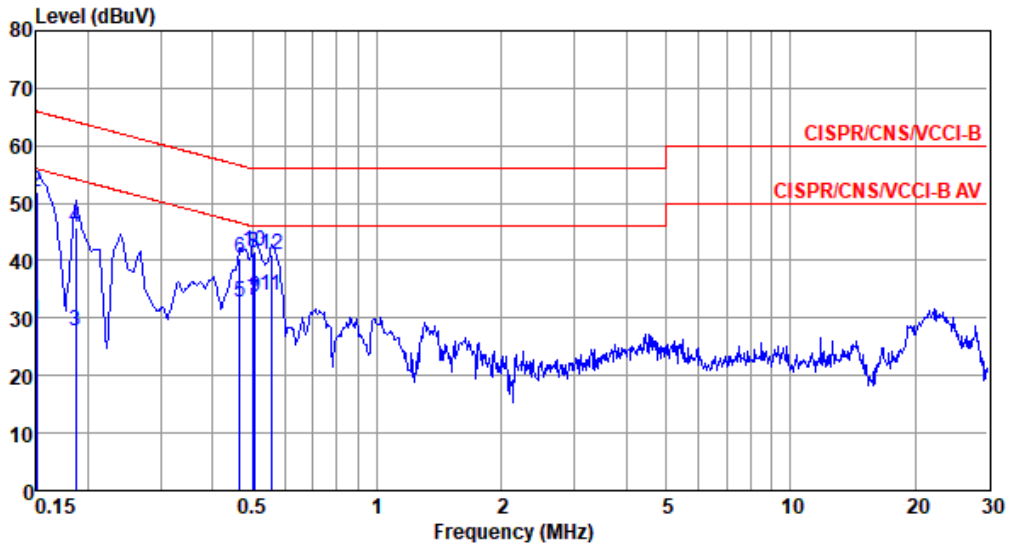
	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.150	33.38	56.00	-22.62	23.51	9.63	0.06	0.18	Average
2	0.150	51.84	66.00	-14.16	41.97	9.63	0.06	0.18	QP
3	0.177	28.07	54.64	-26.57	18.20	9.62	0.06	0.19	Average
4	0.177	48.11	64.64	-16.53	38.24	9.62	0.06	0.19	QP
5	0.497	32.89	46.05	-13.16	22.89	9.62	0.07	0.31	Average
6	0.497	40.80	56.05	-15.25	30.80	9.62	0.07	0.31	QP
7	0.502	33.35	46.00	-12.65	23.35	9.62	0.07	0.31	Average
8	0.502	40.92	56.00	-15.08	30.92	9.62	0.07	0.31	QP
9	0.546	33.08	46.00	-12.92	23.07	9.62	0.08	0.31	Average
10	0.546	40.06	56.00	-15.94	30.05	9.62	0.08	0.31	QP
11*	0.564	33.84	46.00	-12.16	23.83	9.62	0.08	0.31	Average
12	0.564	41.14	56.00	-14.86	31.13	9.62	0.08	0.31	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).  
 Note 2: Over Limit (dB) = Level (dBuV) - Limit Line (dBuV).



Modulation	ax HE80 RU484	Test Freq. (MHz)	6385
Power Phase	Neutral		

Test by : Joe Liao      Temperature: 22°C      Humidity: 68%



	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.150	29.50	56.00	-26.50	19.63	9.63	0.06	0.18	Average
2	0.150	52.00	66.00	-14.00	42.13	9.63	0.06	0.18	QP
3	0.186	27.69	54.20	-26.51	17.81	9.63	0.06	0.19	Average
4	0.186	45.66	64.20	-18.54	35.78	9.63	0.06	0.19	QP
5	0.466	32.67	46.58	-13.91	22.67	9.62	0.07	0.31	Average
6	0.466	40.34	56.58	-16.24	30.34	9.62	0.07	0.31	QP
7	0.502	33.14	46.00	-12.86	23.14	9.62	0.07	0.31	Average
8	0.502	41.44	56.00	-14.56	31.44	9.62	0.07	0.31	QP
9	0.507	33.54	46.00	-12.46	23.54	9.62	0.07	0.31	Average
10	0.507	41.64	56.00	-14.36	31.64	9.62	0.07	0.31	QP
11*	0.555	34.08	46.00	-11.92	24.07	9.62	0.08	0.31	Average
12	0.555	41.01	56.00	-14.99	31.00	9.62	0.08	0.31	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).  
 2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).