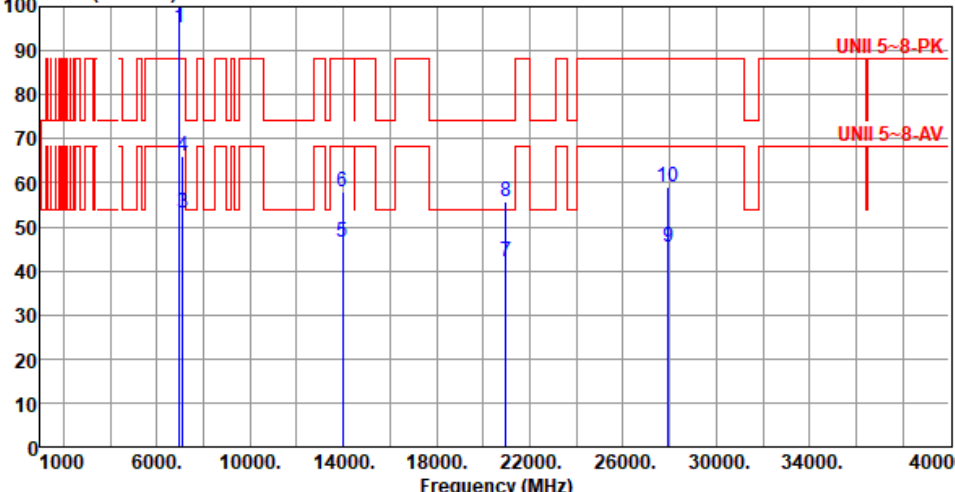




Modulation		ax HE160		Test Freq. (MHz)		6825			
Polarization		Vertical							
Test By		:Brad Wu		Temperature(°C):24		Humidity(%):67			
Level (dBuV/m)									



Modulation		ax HE160			Test Freq. (MHz)		6985																																																																																																																																													
Polarization		Horizontal																																																																																																																																																		
Test By		:Brad Wu			Temperature(°C):24		Humidity(%):67																																																																																																																																													
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	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																																																																																																																											
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1	*	6985.00	95.24		85.43	9.81	Average	182	15																																																																																																																																											
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5		13970.00	46.31	68.20	-21.89	28.68	17.63	Average	100	25																																																																																																																																										
6		13970.00	57.75	88.20	-30.45	40.12	17.63	Peak	100	25																																																																																																																																										
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Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m). Note 3: "*" is Peak / Average value of fundamental frequency																																																																																																																																																				



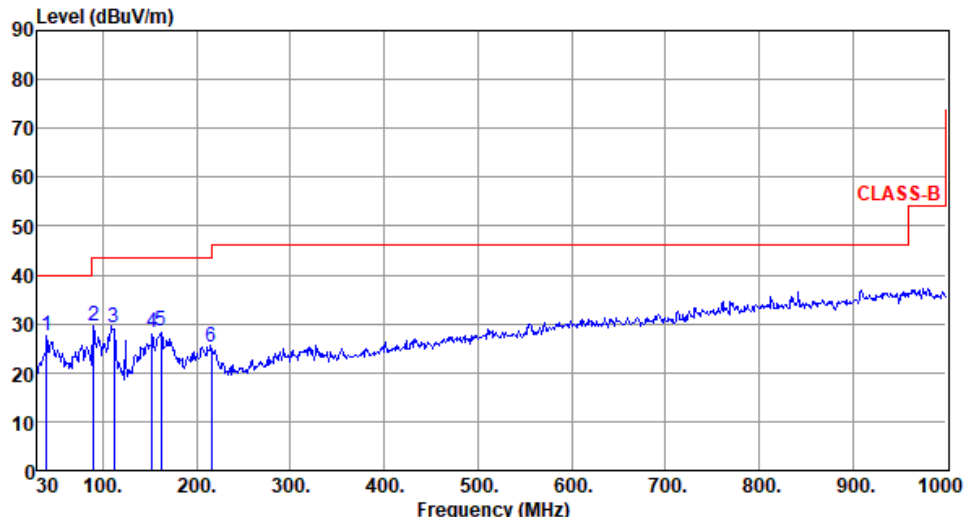
Modulation	ax HE160	Test Freq. (MHz)	6985						
Polarization	Vertical								
Test By :Brad Wu Temperature(°C):24 Humidity(%):67									
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn
	MHz	level	dBuV/m	dB	reading	dB/m		High	Table
		dBuV/m			dBuV			cm	deg
1 *	6985.00	95.51			85.70	9.81	Average	211	38
2 *	6985.00	108.87			99.06	9.81	Peak	211	38
3	7125.00	53.11	68.20	-15.09	42.70	10.41	Average	211	38
4	7125.00	66.24	88.20	-21.96	55.83	10.41	Peak	211	38
5	13970.00	46.72	68.20	-21.48	29.09	17.63	Average	100	43
6	13970.00	57.79	88.20	-30.41	40.16	17.63	Peak	100	43
7	20955.00	42.15	54.00	-11.85	35.44	6.71	Average	100	67
8	20955.00	55.12	74.00	-18.88	48.41	6.71	Peak	100	67
9	27940.00	45.68	68.20	-22.52	32.58	13.10	Average	296	21
10	27940.00	58.31	88.20	-29.89	45.21	13.10	Peak	296	21

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3:"*" is Peak / Average value of fundamental frequency



POE mode

Unwanted Emissions (Below 1GHz)

Modulation	ax HE160	Test Freq. (MHz)	6985																																																																						
Polarization	Horizontal																																																																								
Test By :Brad Wu Temperature(°C):24 Humidity(%):67																																																																									
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	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																
1	39.68	27.49	40.00	-12.51	36.25	-8.76	Peak	---	---																																																																
2	90.22	29.58	43.50	-13.92	44.09	-14.51	Peak	---	---																																																																
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Modulation	ax HE160	Test Freq. (MHz)	6985																																																																						
Polarization	Vertical																																																																								
Test By :Brad Wu Temperature(°C):24 Humidity(%):67																																																																									
Level (dBuV/m) CLASS-B Frequency (MHz) <table><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>33.81</td><td>35.06</td><td>40.00</td><td>-4.94</td><td>44.66</td><td>-9.60</td><td>QP</td><td>100</td><td>181</td></tr><tr><td>2</td><td>43.52</td><td>35.13</td><td>40.00</td><td>-4.87</td><td>43.61</td><td>-8.48</td><td>QP</td><td>100</td><td>12</td></tr><tr><td>3</td><td>58.22</td><td>34.66</td><td>40.00</td><td>-5.34</td><td>43.78</td><td>-9.12</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>4</td><td>70.65</td><td>32.41</td><td>40.00</td><td>-7.59</td><td>43.31</td><td>-10.90</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>5</td><td>92.14</td><td>30.63</td><td>43.50</td><td>-12.87</td><td>45.01</td><td>-14.38</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>6</td><td>161.99</td><td>28.21</td><td>43.50</td><td>-15.29</td><td>36.59</td><td>-8.38</td><td>Peak</td><td>---</td><td>---</td></tr></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	33.81	35.06	40.00	-4.94	44.66	-9.60	QP	100	181	2	43.52	35.13	40.00	-4.87	43.61	-8.48	QP	100	12	3	58.22	34.66	40.00	-5.34	43.78	-9.12	Peak	---	---	4	70.65	32.41	40.00	-7.59	43.31	-10.90	Peak	---	---	5	92.14	30.63	43.50	-12.87	45.01	-14.38	Peak	---	---	6	161.99	28.21	43.50	-15.29	36.59	-8.38	Peak	---	---
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																
1	33.81	35.06	40.00	-4.94	44.66	-9.60	QP	100	181																																																																
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Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
5.925-6.425GHz	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	Pass	5.94329G	-10.53	5.8922G	-56.57	-50.53	-6.04	1
802.11ax HEW40_Nss4,(MCS0)_4TX	Pass	5.9668G	-4.98	5.8972G	-50.85	-44.98	-5.87	1
802.11ax HEW80_Nss4,(MCS0)_4TX	Pass	6.1406G	-5.16	5.9482G	-50.75	-45.16	-5.59	1
802.11ax HEW160_Nss4,(MCS0)_4TX	Pass	6.21697G	-2.77	6.2658G	-21.59	-18.77	-2.82	1
6.425-6.525GHz	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	Pass	6.50691G	-5.09	6.5599G	-51.66	-45.09	-6.57	1
802.11ax HEW40_Nss4,(MCS0)_4TX	Pass	6.488G	-5.06	6.5826G	-51.49	-45.06	-6.43	1
802.11ax HEW80_Nss4,(MCS0)_4TX	Pass	6.4678G	-5.04	6.5938G	-50.99	-45.04	-5.95	1
6.525-6.875GHz	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	Pass	6.70711G	-6.32	6.7621G	-50.89	-46.32	-4.57	4
802.11ax HEW40_Nss4,(MCS0)_4TX	Pass	6.8422G	-5.84	6.9138G	-50.51	-45.84	-4.67	1
802.11ax HEW80_Nss4,(MCS0)_4TX	Pass	6.7818G	-5.70	6.919G	-50.24	-45.70	-4.54	3
802.11ax HEW160_Nss4,(MCS0)_4TX	Pass	6.62904G	-2.38	6.5842G	-20.54	-18.38	-2.16	4
6.875-7.125GHz	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	Pass	7.10631G	-6.50	7.0657G	-52.25	-46.50	-5.75	4
802.11ax HEW40_Nss4,(MCS0)_4TX	Pass	7.0036G	-4.09	6.9444G	-50.59	-44.09	-6.50	3
802.11ax HEW80_Nss4,(MCS0)_4TX	Pass	7.01021G	-3.96	6.8482G	-49.87	-43.96	-5.91	3
802.11ax HEW160_Nss4,(MCS0)_4TX	Pass	6.95703G	-1.11	6.9042G	-19.17	-17.11	-2.06	3



Result

Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5935MHz	Pass	5.94329G	-10.53	5.8922G	-56.57	-50.53	-6.04	1
5935MHz	Pass	5.94309G	-10.41	5.9045G	-56.54	-50.41	-6.13	2
5935MHz	Pass	5.94299G	-10.57	5.8946G	-56.62	-50.57	-6.05	3
5935MHz	Pass	5.94339G	-10.50	5.8867G	-56.58	-50.50	-6.08	4
5955MHz	Pass	5.96339G	-3.91	5.911G	-50.56	-43.91	-6.65	1
5955MHz	Pass	5.96309G	-3.85	5.9447G	-16.60	-9.85	-6.75	2
5955MHz	Pass	5.94671G	-4.08	5.9133G	-50.65	-44.08	-6.57	3
5955MHz	Pass	5.96359G	-3.93	5.9115G	-50.66	-43.93	-6.73	4
6175MHz	Pass	6.18349G	-3.97	6.1326G	-51.69	-43.97	-7.72	1
6175MHz	Pass	6.18319G	-4.32	6.1311G	-51.65	-44.32	-7.33	2
6175MHz	Pass	6.18209G	-3.57	6.1307G	-51.66	-43.57	-8.09	3
6175MHz	Pass	6.18189G	-3.78	6.1293G	-51.64	-43.78	-7.86	4
6415MHz	Pass	6.42369G	-4.25	6.3671G	-51.72	-44.25	-7.47	1
6415MHz	Pass	6.42349G	-3.84	6.4649G	-51.71	-43.84	-7.87	2
6415MHz	Pass	6.42269G	-4.27	6.4623G	-51.67	-44.27	-7.40	3
6415MHz	Pass	6.40701G	-4.21	6.455G	-51.75	-44.21	-7.54	4
6435MHz	Pass	6.42641G	-4.70	6.4836G	-51.74	-44.70	-7.04	1
6435MHz	Pass	6.44339G	-4.41	6.4754G	-51.73	-44.41	-7.32	2
6435MHz	Pass	6.44239G	-4.83	6.4814G	-51.74	-44.83	-6.91	3
6435MHz	Pass	6.42671G	-4.60	6.4834G	-51.74	-44.60	-7.14	4
6475MHz	Pass	6.48349G	-5.23	6.4257G	-52.14	-45.23	-6.91	1
6475MHz	Pass	6.48319G	-4.77	6.4264G	-52.13	-44.77	-7.36	2
6475MHz	Pass	6.46661G	-5.22	6.5139G	-52.18	-45.22	-6.96	3
6475MHz	Pass	6.46641G	-5.12	6.5141G	-52.11	-45.12	-6.99	4
6515MHz	Pass	6.50691G	-5.09	6.5599G	-51.66	-45.09	-6.57	1
6515MHz	Pass	6.52349G	-4.30	6.557G	-51.56	-44.30	-7.26	2
6515MHz	Pass	6.52299G	-4.84	6.562G	-51.69	-44.84	-6.85	3
6515MHz	Pass	6.50661G	-4.36	6.5601G	-51.62	-44.36	-7.26	4
6535MHz	Pass	6.52631G	-5.93	6.5801G	-51.54	-45.93	-5.61	1
6535MHz	Pass	6.54289G	-5.12	6.5785G	-51.52	-45.12	-6.40	2
6535MHz	Pass	6.54279G	-5.98	6.5814G	-51.55	-45.98	-5.57	3
6535MHz	Pass	6.52691G	-5.39	6.5773G	-51.51	-45.39	-6.12	4
6715MHz	Pass	6.70661G	-5.88	6.7634G	-50.88	-45.88	-5.00	1
6715MHz	Pass	6.70671G	-4.65	6.7591G	-50.88	-44.65	-6.23	2
6715MHz	Pass	6.72309G	-5.99	6.7605G	-50.85	-45.99	-4.86	3
6715MHz	Pass	6.70711G	-6.32	6.7621G	-50.89	-46.32	-4.57	4
6855MHz	Pass	6.84631G	-5.86	6.9039G	-50.60	-45.86	-4.74	1
6855MHz	Pass	6.84631G	-5.18	6.9022G	-50.56	-45.18	-5.38	2
6855MHz	Pass	6.86269G	-5.92	6.9031G	-50.64	-45.92	-4.72	3
6855MHz	Pass	6.84661G	-5.51	6.8987G	-50.58	-45.51	-5.07	4
6875MHz Straddle 6.525-6.875GHz	Pass	6.86641G	-5.61	6.9245G	-50.25	-45.61	-4.64	1

Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
6875MHz Straddle 6.525-6.875GHz	Pass	6.86661G	-5.14	6.9157G	-50.28	-45.14	-5.14	2
6875MHz Straddle 6.525-6.875GHz	Pass	6.86701G	-5.48	6.9077G	-50.29	-45.48	-4.81	3
6875MHz Straddle 6.525-6.875GHz	Pass	6.86691G	-5.68	6.9195G	-50.31	-45.68	-4.63	4
6895MHz	Pass	6.88651G	-3.84	6.9364G	-50.76	-43.84	-6.92	1
6895MHz	Pass	6.90319G	-3.64	6.9427G	-50.75	-43.64	-7.11	2
6895MHz	Pass	6.90249G	-4.27	6.9296G	-50.78	-44.27	-6.51	3
6895MHz	Pass	6.88641G	-3.86	6.9282G	-50.72	-43.86	-6.86	4
7015MHz	Pass	7.00651G	-3.75	6.9706G	-50.90	-43.75	-7.15	1
7015MHz	Pass	7.00691G	-3.99	6.9657G	-50.86	-43.99	-6.87	2
7015MHz	Pass	7.0107G	-4.74	6.966G	-50.91	-44.74	-6.17	3
7015MHz	Pass	7.00651G	-4.19	6.9694G	-50.91	-44.19	-6.72	4
7095MHz	Pass	7.08651G	-3.90	7.0519G	-52.28	-43.90	-8.38	1
7095MHz	Pass	7.08661G	-4.00	7.0538G	-52.35	-44.00	-8.35	2
7095MHz	Pass	7.0912G	-4.65	7.053G	-52.33	-44.65	-7.68	3
7095MHz	Pass	7.08721G	-4.20	7.0537G	-52.24	-44.20	-8.04	4
7115MHz	Pass	7.12229G	-6.07	7.0661G	-52.15	-46.07	-6.08	1
7115MHz	Pass	7.12339G	-5.92	7.0655G	-52.14	-45.92	-6.22	2
7115MHz	Pass	7.12259G	-6.38	7.0657G	-52.17	-46.38	-5.79	3
7115MHz	Pass	7.10631G	-6.50	7.0657G	-52.25	-46.50	-5.75	4
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5965MHz	Pass	5.9668G	-4.98	5.8972G	-50.85	-44.98	-5.87	1
5965MHz	Pass	5.9666G	-3.93	5.9026G	-50.81	-43.93	-6.88	2
5965MHz	Pass	5.9636G	-3.65	5.8658G	-50.86	-43.65	-7.21	3
5965MHz	Pass	5.9632G	-3.59	5.9012G	-50.81	-43.59	-7.22	4
6165MHz	Pass	6.1626G	-5.43	6.0982G	-51.61	-45.43	-6.18	1
6165MHz	Pass	6.1672G	-4.18	6.1042G	-51.56	-44.18	-7.38	2
6165MHz	Pass	6.1618G	-3.42	6.103G	-51.45	-43.42	-8.03	3
6165MHz	Pass	6.1674G	-3.19	6.1012G	-51.54	-43.19	-8.35	4
6405MHz	Pass	6.4064G	-5.05	6.5002G	-51.66	-45.05	-6.61	1
6405MHz	Pass	6.4076G	-3.55	6.4952G	-51.60	-43.55	-8.05	2
6405MHz	Pass	6.4022G	-4.30	6.4688G	-51.63	-44.30	-7.33	3
6405MHz	Pass	6.4024G	-3.45	6.4686G	-51.61	-43.45	-8.16	4
6445MHz	Pass	6.4408G	-5.06	6.5288G	-51.65	-45.06	-6.59	1
6445MHz	Pass	6.4472G	-3.90	6.5064G	-51.58	-43.90	-7.68	2
6445MHz	Pass	6.4436G	-4.43	6.5276G	-51.57	-44.43	-7.14	3
6445MHz	Pass	6.4474G	-3.62	6.5066G	-51.41	-43.62	-7.79	4
6485MHz	Pass	6.488G	-5.06	6.5826G	-51.49	-45.06	-6.43	1
6485MHz	Pass	6.4878G	-3.86	6.584G	-51.49	-43.86	-7.63	2
6485MHz	Pass	6.4836G	-4.46	6.584G	-51.44	-44.46	-6.98	3
6485MHz	Pass	6.4834G	-3.73	6.584G	-51.47	-43.73	-7.74	4
6525MHz Straddle 6.525-6.875GHz	Pass	6.5238G	-6.57	6.6158G	-51.33	-46.57	-4.76	1
6525MHz Straddle 6.525-6.875GHz	Pass	6.5214G	-4.94	6.6124G	-51.30	-44.94	-6.36	2

Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
6525MHz Straddle 6.525-6.875GHz	Pass	6.52G	-5.51	6.6084G	-51.27	-45.51	-5.76	3
6525MHz Straddle 6.525-6.875GHz	Pass	6.5218G	-4.90	6.6162G	-51.28	-44.90	-6.38	4
6565MHz	Pass	6.5674G	-6.39	6.626G	-51.37	-46.39	-4.98	1
6565MHz	Pass	6.563G	-4.69	6.626G	-51.24	-44.69	-6.55	2
6565MHz	Pass	6.5664G	-5.44	6.6298G	-51.33	-45.44	-5.89	3
6565MHz	Pass	6.5628G	-4.75	6.6314G	-51.25	-44.75	-6.50	4
6725MHz	Pass	6.7266G	-6.12	6.7872G	-50.90	-46.12	-4.78	1
6725MHz	Pass	6.7266G	-4.47	6.7856G	-50.80	-44.47	-6.33	2
6725MHz	Pass	6.7266G	-5.65	6.7862G	-50.83	-45.65	-5.18	3
6725MHz	Pass	6.723G	-5.14	6.7892G	-50.79	-45.14	-5.65	4
6845MHz	Pass	6.8422G	-5.84	6.9138G	-50.51	-45.84	-4.67	1
6845MHz	Pass	6.8428G	-4.50	6.9058G	-50.49	-44.50	-5.99	2
6845MHz	Pass	6.8472G	-5.79	6.9098G	-50.48	-45.79	-4.69	3
6845MHz	Pass	6.8464G	-5.65	6.9238G	-50.50	-45.65	-4.85	4
6885MHz Straddle 6.525-6.875GHz	Pass	6.8864G	-5.73	6.9498G	-50.64	-45.73	-4.91	1
6885MHz Straddle 6.525-6.875GHz	Pass	6.8818G	-4.52	6.9468G	-50.56	-44.52	-6.04	2
6885MHz Straddle 6.525-6.875GHz	Pass	6.8834G	-5.69	6.9522G	-50.59	-45.69	-4.90	3
6885MHz Straddle 6.525-6.875GHz	Pass	6.8836G	-5.37	6.9476G	-50.52	-45.37	-5.15	4
6925MHz	Pass	6.9216G	-3.94	6.9978G	-50.85	-43.94	-6.91	1
6925MHz	Pass	6.9214G	-3.04	6.9894G	-50.73	-43.04	-7.69	2
6925MHz	Pass	6.922G	-4.20	6.9862G	-50.83	-44.20	-6.63	3
6925MHz	Pass	6.9232G	-3.35	6.9958G	-50.78	-43.35	-7.43	4
7005MHz	Pass	7.0034G	-3.68	6.9436G	-50.61	-43.68	-6.93	1
7005MHz	Pass	7.0028G	-2.89	6.9436G	-50.59	-42.89	-7.70	2
7005MHz	Pass	7.0036G	-4.09	6.9444G	-50.59	-44.09	-6.50	3
7005MHz	Pass	7.0026G	-3.24	6.9426G	-50.63	-43.24	-7.39	4
7085MHz	Pass	7.0808G	-3.23	7.022G	-52.12	-43.23	-8.89	1
7085MHz	Pass	7.0834G	-2.82	7.0238G	-52.06	-42.82	-9.24	2
7085MHz	Pass	7.0838G	-4.13	7.0204G	-52.20	-44.13	-8.07	3
7085MHz	Pass	7.083G	-3.41	7.023G	-52.18	-43.41	-8.77	4
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5985MHz	Pass	5.9878G	-4.38	5.8606G	-50.66	-44.38	-6.28	1
5985MHz	Pass	5.9802G	-3.75	5.8574G	-50.67	-43.75	-6.92	2
5985MHz	Pass	5.9878G	-3.31	5.8574G	-50.66	-43.31	-7.35	3
5985MHz	Pass	5.989G	-3.19	5.8182G	-50.63	-43.19	-7.44	4
6145MHz	Pass	6.1406G	-5.16	5.9482G	-50.75	-45.16	-5.59	1
6145MHz	Pass	6.1494G	-3.82	5.9602G	-50.48	-43.82	-6.66	2
6145MHz	Pass	6.1426G	-3.13	5.9706G	-50.47	-43.13	-7.34	3
6145MHz	Pass	6.1474G	-2.96	5.957G	-50.57	-42.96	-7.61	4
6385MHz	Pass	6.3894G	-4.83	6.5106G	-51.18	-44.83	-6.35	1
6385MHz	Pass	6.39059G	-3.07	6.5094G	-51.05	-43.07	-7.98	2
6385MHz	Pass	6.37781G	-4.06	6.207G	-50.65	-44.06	-6.59	3

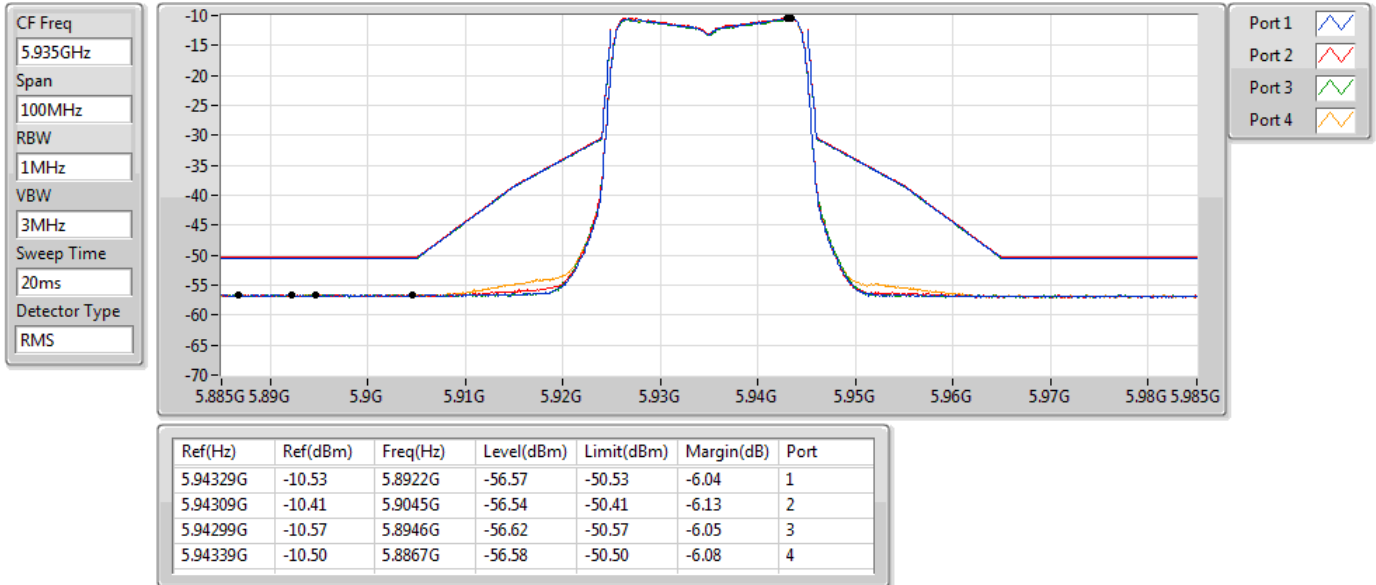
Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
6385MHz	Pass	6.39299G	-3.51	6.2022G	-51.00	-43.51	-7.49	4
6465MHz	Pass	6.4678G	-5.04	6.5938G	-50.99	-45.04	-5.95	1
6465MHz	Pass	6.461G	-3.73	6.6322G	-50.89	-43.73	-7.16	2
6465MHz	Pass	6.469G	-4.59	6.5918G	-50.91	-44.59	-6.32	3
6465MHz	Pass	6.45781G	-3.48	6.5962G	-50.91	-43.48	-7.43	4
6545MHz Straddle 6.525-6.875GHz	Pass	6.5426G	-6.08	6.7446G	-50.92	-46.08	-4.84	1
6545MHz Straddle 6.525-6.875GHz	Pass	6.53901G	-4.60	6.7418G	-50.89	-44.60	-6.29	2
6545MHz Straddle 6.525-6.875GHz	Pass	6.543G	-5.27	6.7402G	-50.77	-45.27	-5.50	3
6545MHz Straddle 6.525-6.875GHz	Pass	6.5474G	-4.51	6.7414G	-50.90	-44.51	-6.39	4
6625MHz	Pass	6.63299G	-5.87	6.757G	-50.70	-45.87	-4.83	1
6625MHz	Pass	6.61901G	-4.48	6.7706G	-50.53	-44.48	-6.05	2
6625MHz	Pass	6.61941G	-5.31	6.753G	-50.42	-45.31	-5.11	3
6625MHz	Pass	6.61901G	-4.55	6.755G	-50.46	-44.55	-5.91	4
6705MHz	Pass	6.69141G	-5.58	6.903G	-50.53	-45.58	-4.95	1
6705MHz	Pass	6.69821G	-4.33	6.8946G	-50.44	-44.33	-6.11	2
6705MHz	Pass	6.71139G	-5.56	6.905G	-50.36	-45.56	-4.80	3
6705MHz	Pass	6.71139G	-4.88	6.8938G	-50.46	-44.88	-5.58	4
6785MHz	Pass	6.7814G	-5.21	6.9178G	-50.30	-45.21	-5.09	1
6785MHz	Pass	6.7818G	-4.17	6.9078G	-50.23	-44.13	-6.10	2
6785MHz	Pass	6.7818G	-5.70	6.919G	-50.24	-45.70	-4.54	3
6785MHz	Pass	6.77981G	-4.99	6.9126G	-50.20	-44.99	-5.21	4
6865MHz Straddle 6.525-6.875GHz	Pass	6.87059G	-5.49	6.9962G	-50.38	-45.49	-4.89	1
6865MHz Straddle 6.525-6.875GHz	Pass	6.8606G	-4.30	6.9918G	-50.39	-44.30	-6.09	2
6865MHz Straddle 6.525-6.875GHz	Pass	6.8618G	-5.51	6.9938G	-50.43	-45.51	-4.92	3
6865MHz Straddle 6.525-6.875GHz	Pass	6.861G	-4.75	6.9958G	-50.40	-44.75	-5.65	4
6945MHz	Pass	6.9426G	-3.80	6.7694G	-50.08	-43.80	-6.28	1
6945MHz	Pass	6.93781G	-2.73	6.7686G	-49.82	-42.73	-7.09	2
6945MHz	Pass	6.9422G	-4.00	6.7754G	-50.00	-44.00	-6.00	3
6945MHz	Pass	6.9434G	-3.17	6.7614G	-49.94	-43.17	-6.77	4
7025MHz	Pass	7.00982G	-3.27	6.869G	-50.17	-43.27	-6.90	1
7025MHz	Pass	7.01941G	-2.71	6.8378G	-49.96	-42.71	-7.25	2
7025MHz	Pass	7.01021G	-3.96	6.8482G	-49.87	-43.96	-5.91	3
7025MHz	Pass	7.01301G	-3.19	6.8582G	-49.75	-43.19	-6.56	4
802.11ax HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
6025MHz	Pass	6.05137G	-2.37	5.9442G	-21.77	-18.37	-3.40	1
6025MHz	Pass	6.03139G	-0.87	5.9442G	-19.79	-16.87	-2.92	2
6025MHz	Pass	6.04098G	-0.45	6.1058G	-19.51	-16.45	-3.06	3
6025MHz	Pass	6.04658G	-0.34	6.1058G	-19.62	-16.34	-3.28	4
6185MHz	Pass	6.21697G	-2.77	6.2658G	-21.59	-18.77	-2.82	1
6185MHz	Pass	6.20338G	-1.30	6.1042G	-20.38	-17.30	-3.08	2
6185MHz	Pass	6.16502G	-0.35	6.1042G	-19.31	-16.35	-2.96	3
6185MHz	Pass	6.20898G	-0.24	6.1042G	-19.44	-16.24	-3.20	4

Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
6345MHz	Pass	6.37697G	-1.85	6.4258G	-20.73	-17.85	-2.88	1
6345MHz	Pass	6.37137G	-0.76	6.4258G	-19.98	-16.76	-3.22	2
6345MHz	Pass	6.31703G	-0.87	6.2642G	-19.73	-16.87	-2.86	3
6345MHz	Pass	6.32342G	-0.57	6.2642G	-19.59	-16.57	-3.02	4
6505MHz Straddle 6.525-6.875GHz	Pass	6.52818G	-3.33	6.4242G	-22.52	-19.33	-3.19	1
6505MHz Straddle 6.525-6.875GHz	Pass	6.53217G	-2.02	6.5858G	-21.37	-18.02	-3.35	2
6505MHz Straddle 6.525-6.875GHz	Pass	6.47223G	-2.34	6.4242G	-20.89	-18.34	-2.55	3
6505MHz Straddle 6.525-6.875GHz	Pass	6.47943G	-1.84	6.4242G	-20.98	-17.84	-3.14	4
6665MHz	Pass	6.64102G	-3.14	6.5842G	-22.40	-19.14	-3.26	1
6665MHz	Pass	6.65061G	-1.94	6.5842G	-21.28	-17.94	-3.34	2
6665MHz	Pass	6.69937G	-3.06	6.5842G	-21.62	-19.06	-2.56	3
6665MHz	Pass	6.62904G	-2.38	6.5842G	-20.54	-18.38	-2.16	4
6825MHz Straddle 6.525-6.875GHz	Pass	6.79623G	-2.83	6.7442G	-21.12	-18.83	-2.29	1
6825MHz Straddle 6.525-6.875GHz	Pass	6.79783G	-2.11	6.7442G	-20.58	-18.11	-2.47	2
6825MHz Straddle 6.525-6.875GHz	Pass	6.80422G	-3.12	6.7442G	-22.20	-19.12	-3.08	3
6825MHz Straddle 6.525-6.875GHz	Pass	6.80022G	-2.62	6.7442G	-21.36	-18.62	-2.74	4
6985MHz	Pass	6.95943G	-1.06	6.9042G	-19.18	-17.06	-2.12	1
6985MHz	Pass	6.96102G	-0.43	6.9042G	-18.61	-16.43	-2.18	2
6985MHz	Pass	6.95703G	-1.11	6.9042G	-19.17	-17.11	-2.06	3
6985MHz	Pass	6.95223G	-0.53	6.9042G	-19.03	-16.53	-2.50	4

802.11ax HEW20_Nss4,(MCS0)_4TX

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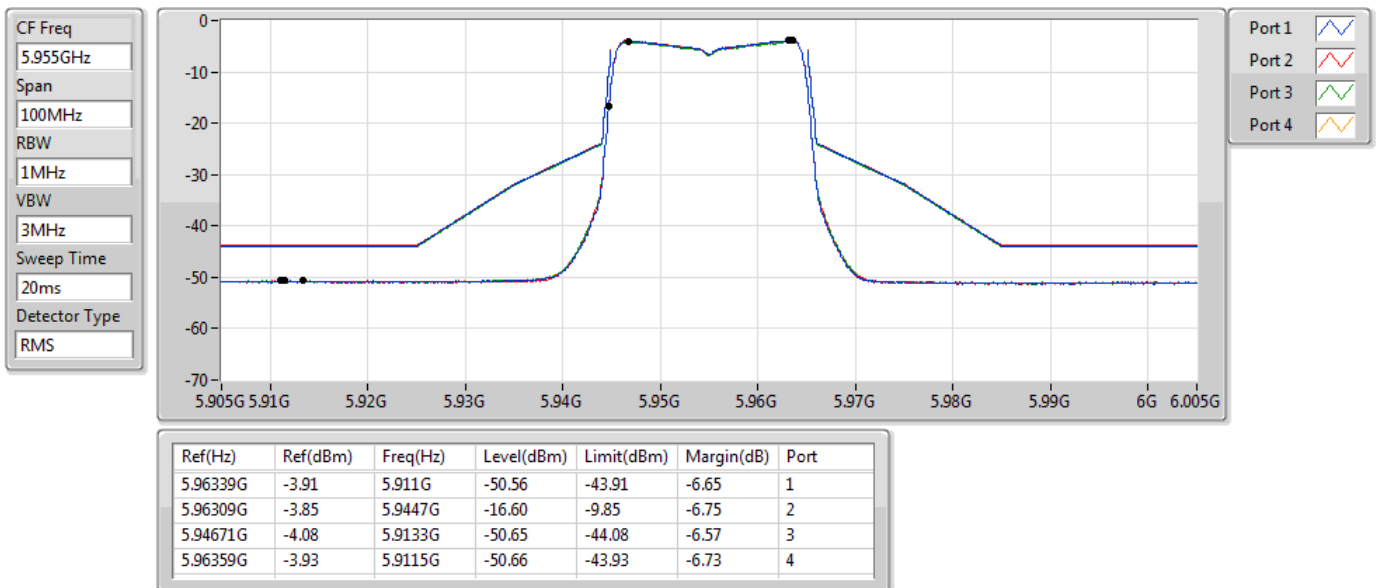
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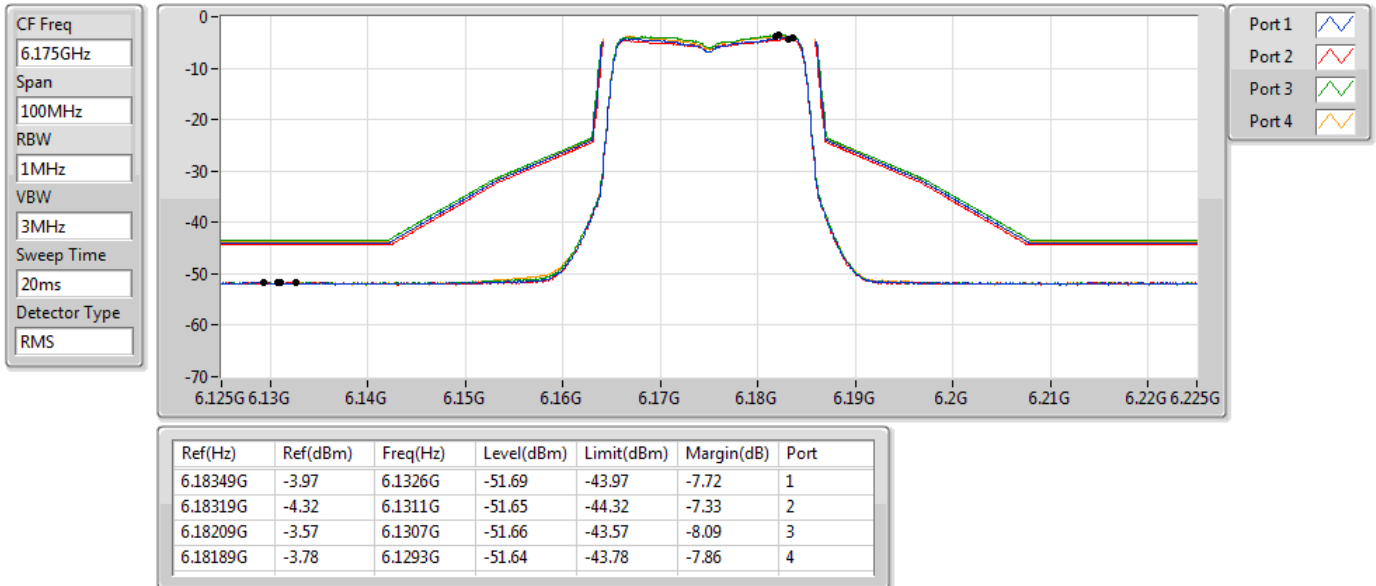
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802.11ax HEW20_Nss4,(MCS0)_4TX

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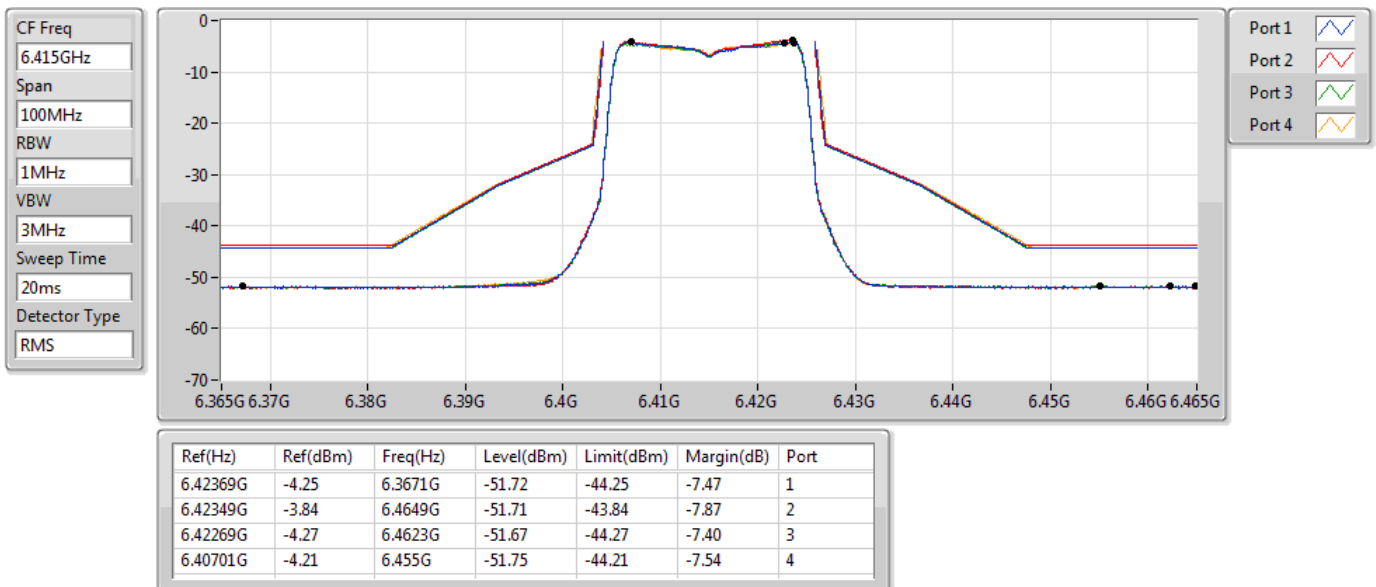
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802.11ax HEW20_Nss4,(MCS0)_4TX

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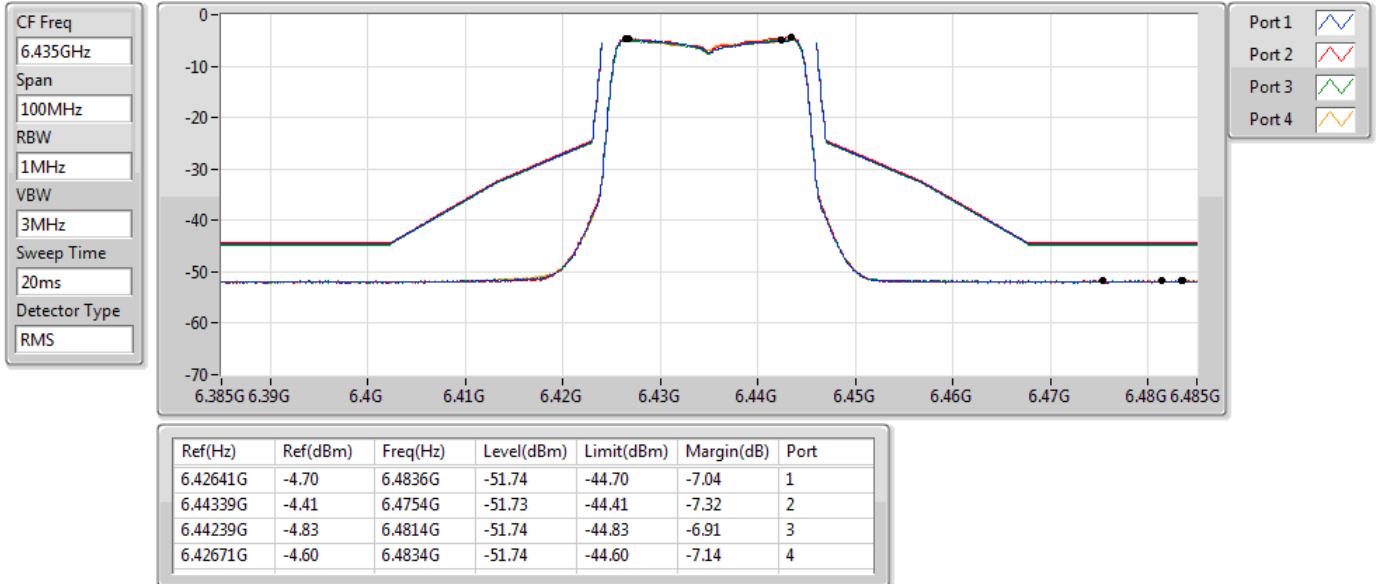
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802.11ax HEW20_Nss4,(MCS0)_4TX

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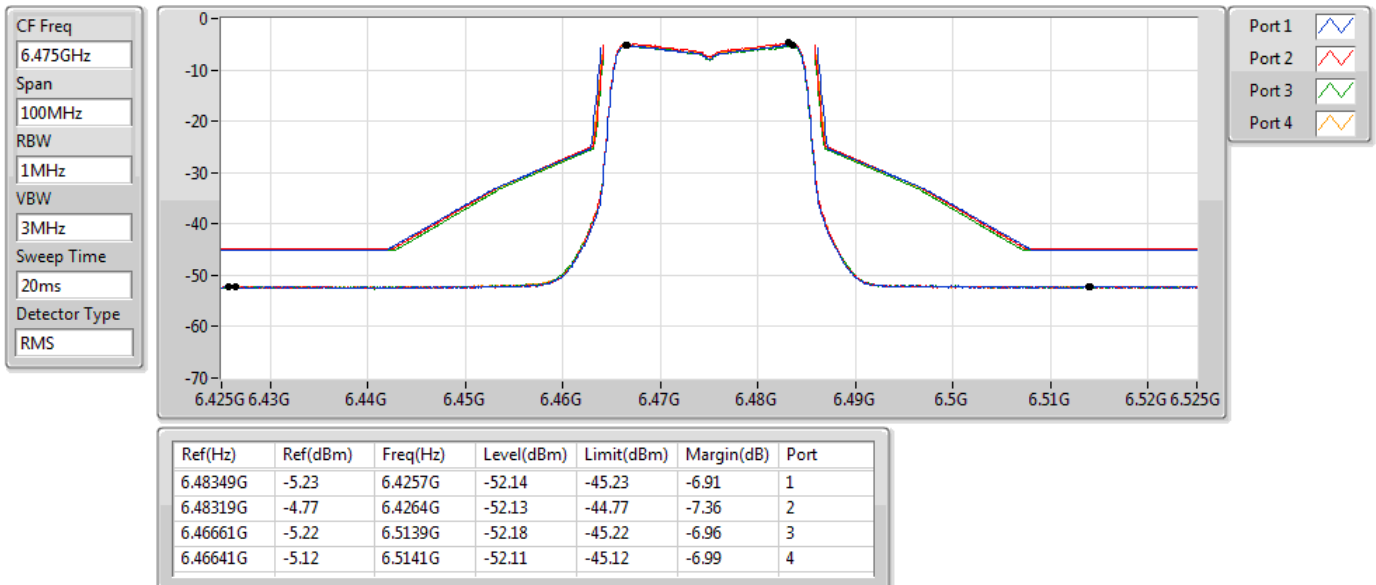
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802.11ax HEW20_Nss4,(MCS0)_4TX

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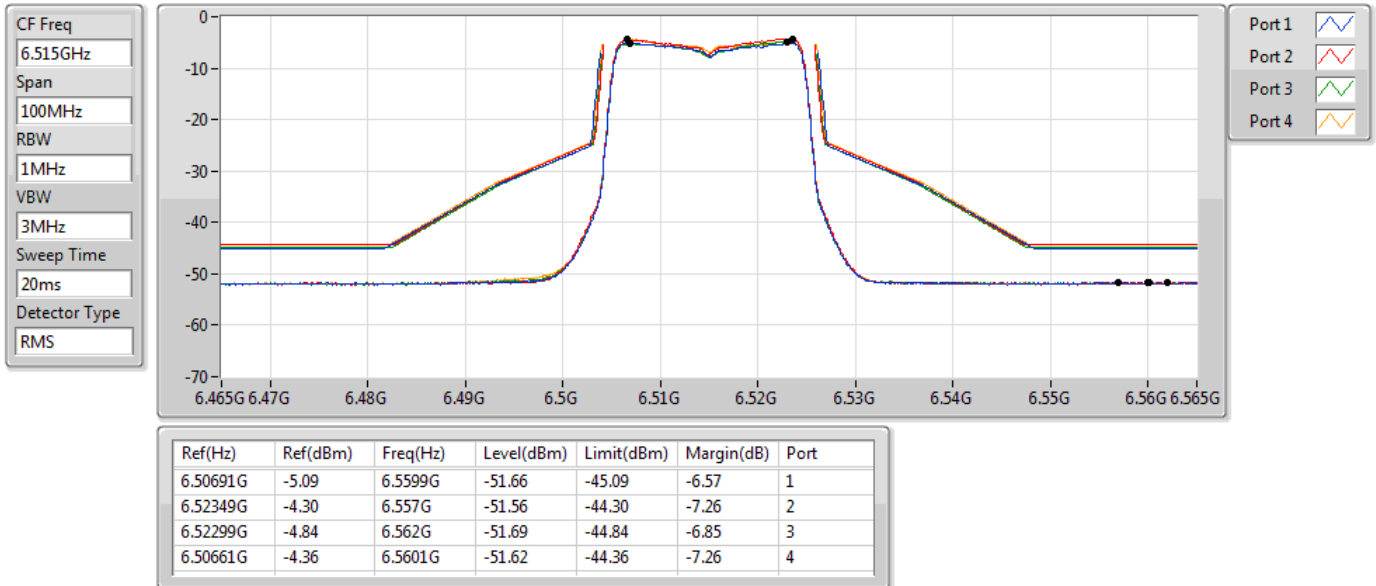
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802.11ax HEW20_Nss4,(MCS0)_4TX

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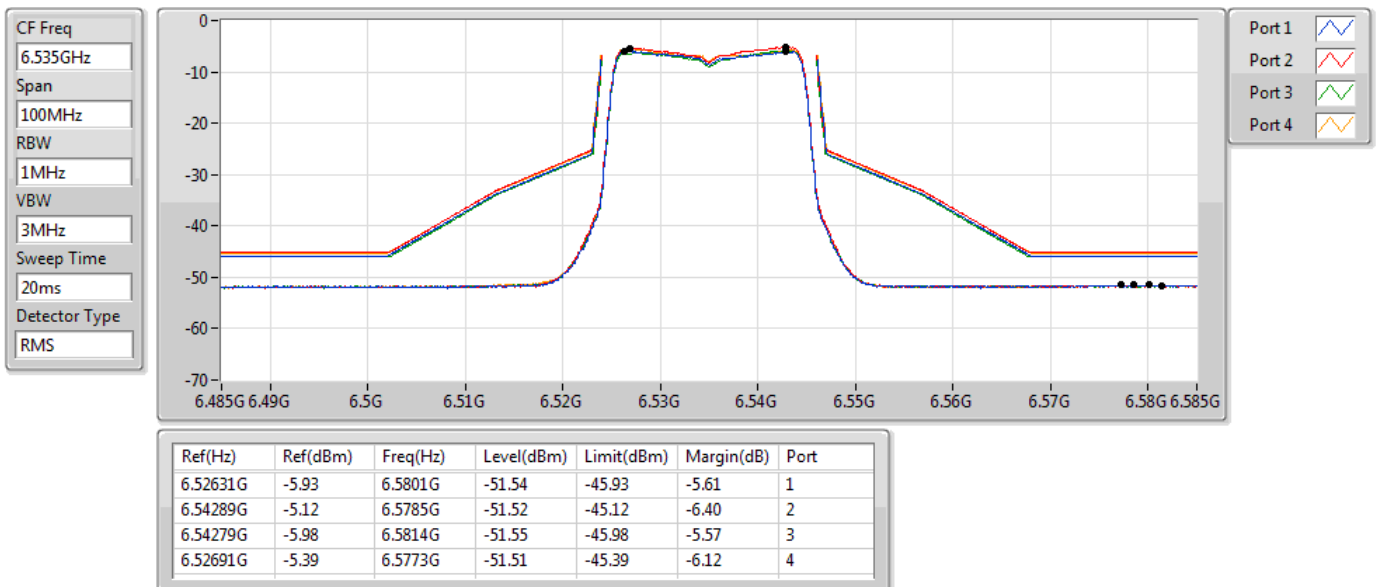
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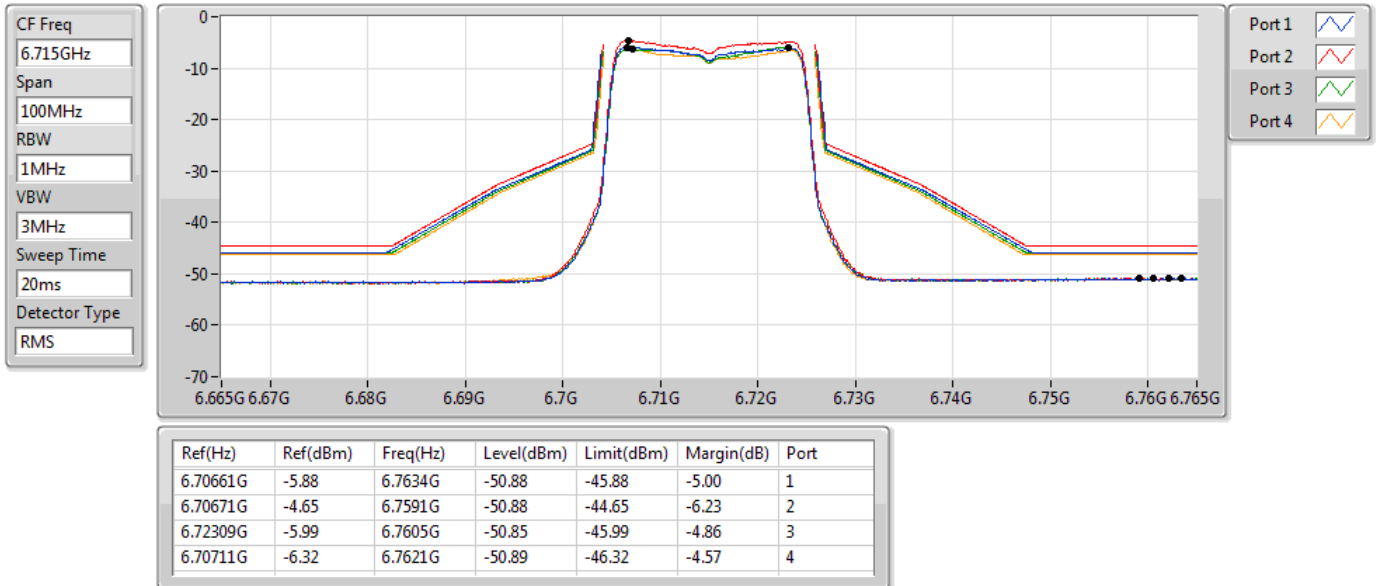
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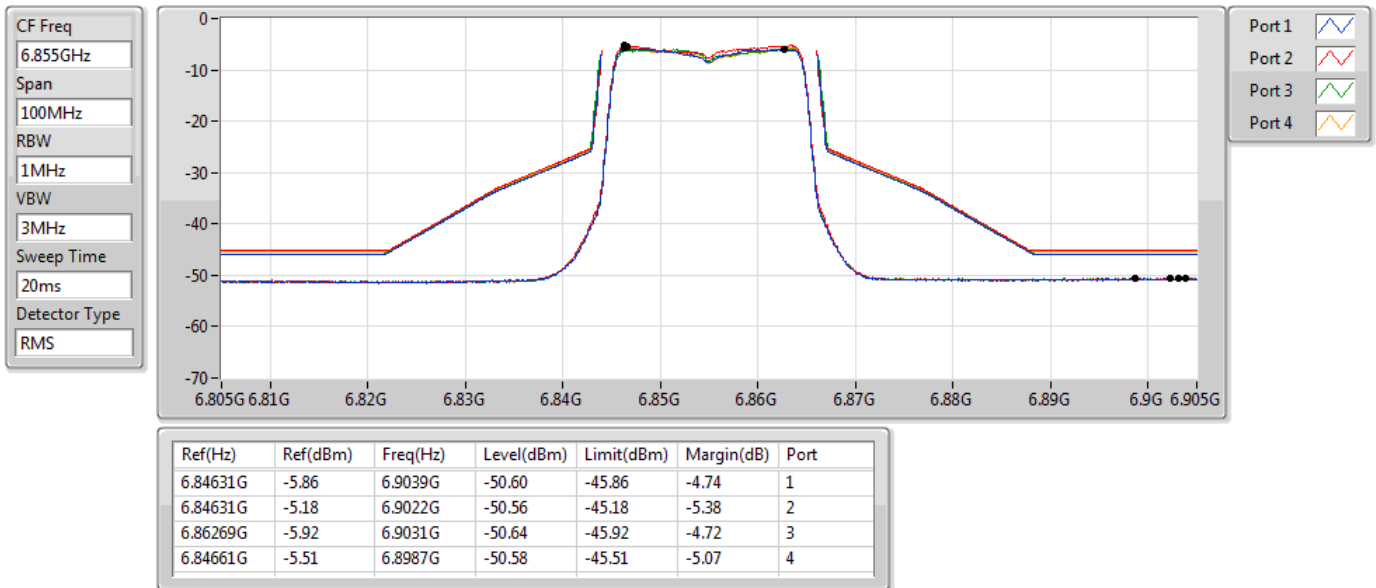
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802.11ax HEW20_Nss4,(MCS0)_4TX

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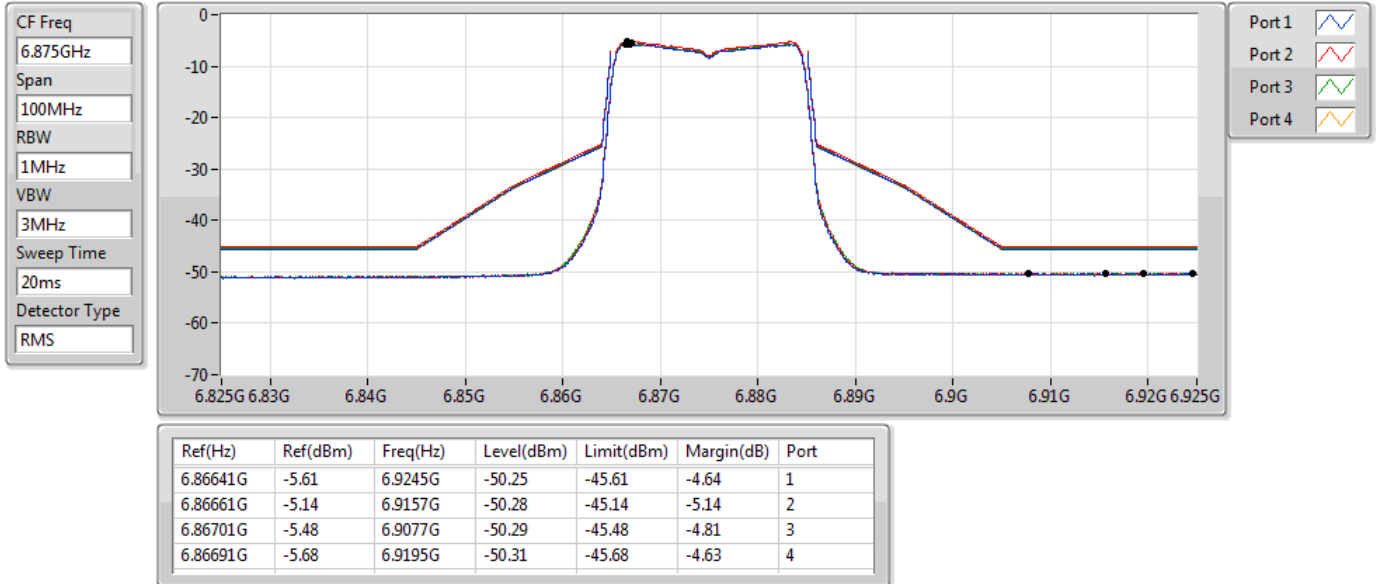
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802.11ax HEW20_Nss4,(MCS0)_4TX

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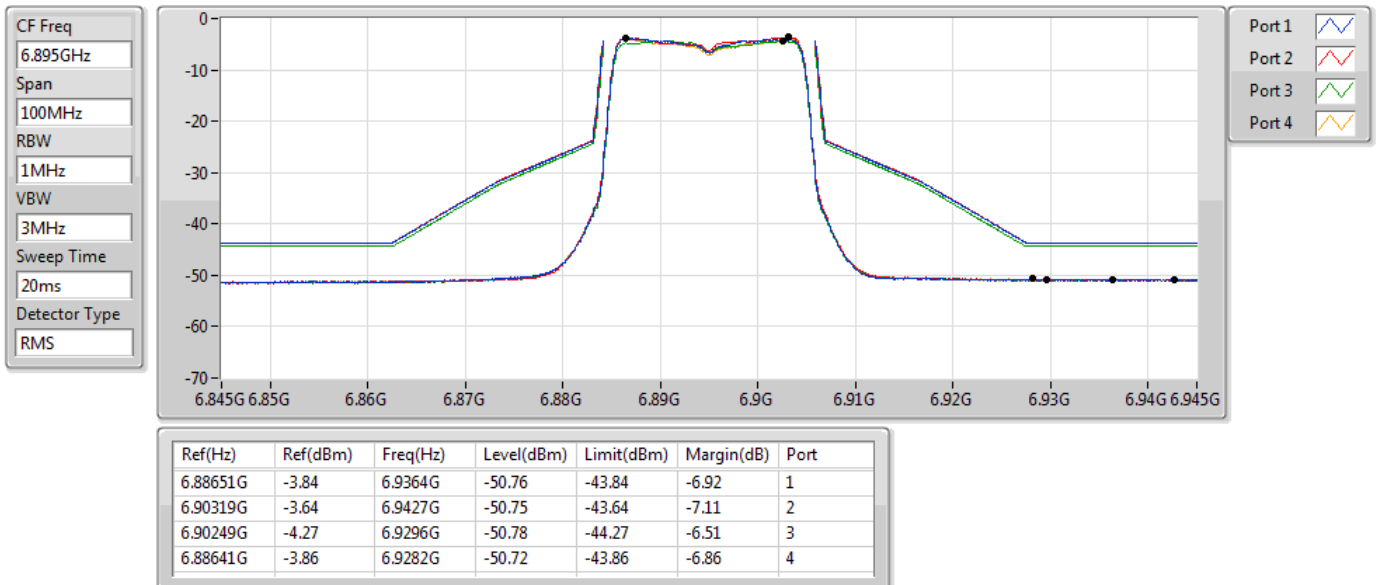
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802.11ax HEW20_Nss4,(MCS0)_4TX

MASK

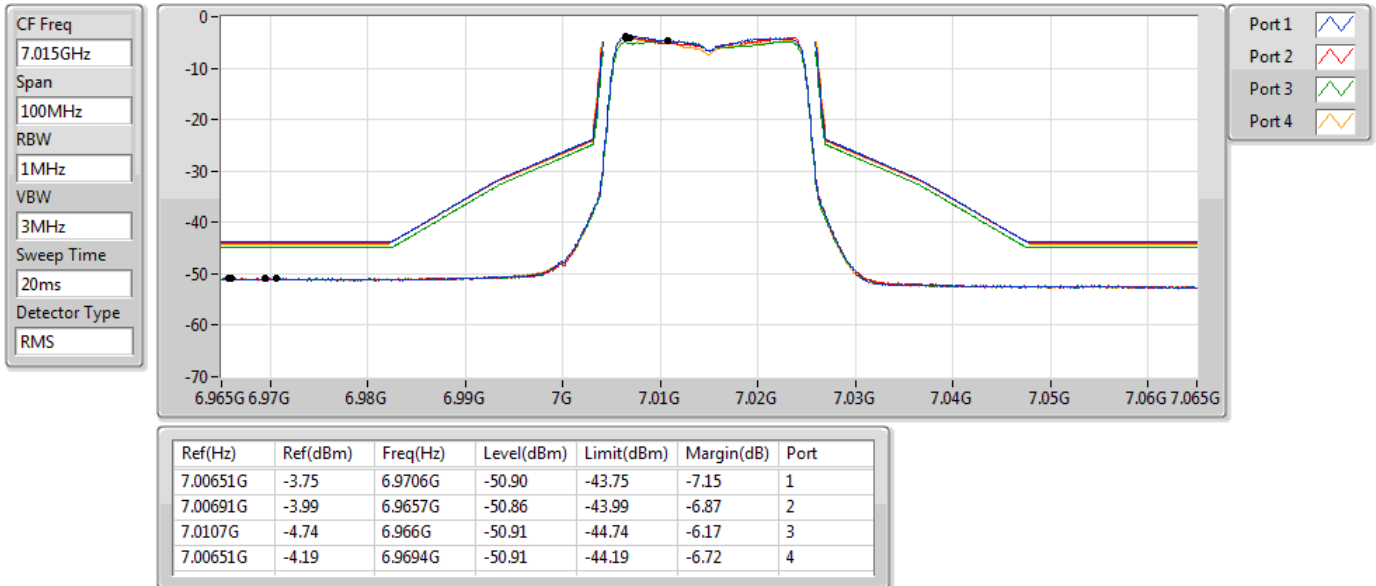
6895MHz_TnomVnom



802.11ax HEW20_Nss4,(MCS0)_4TX

MASK

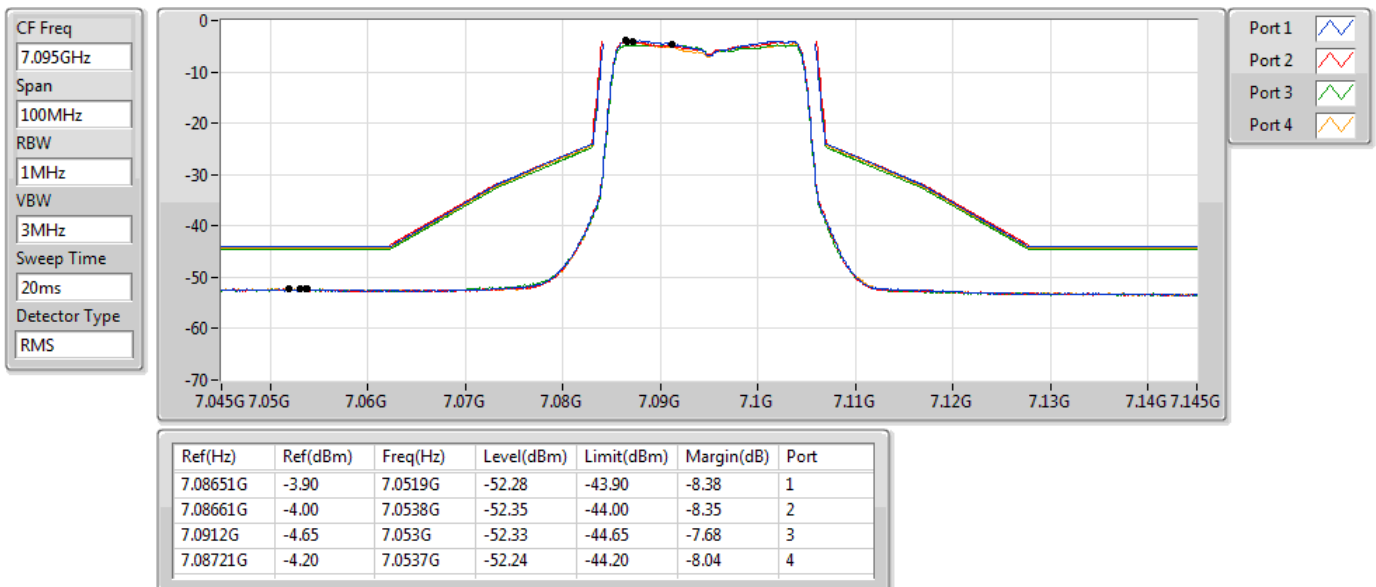
7015MHz_TnomVnom



802.11ax HEW20_Nss4,(MCS0)_4TX

MASK

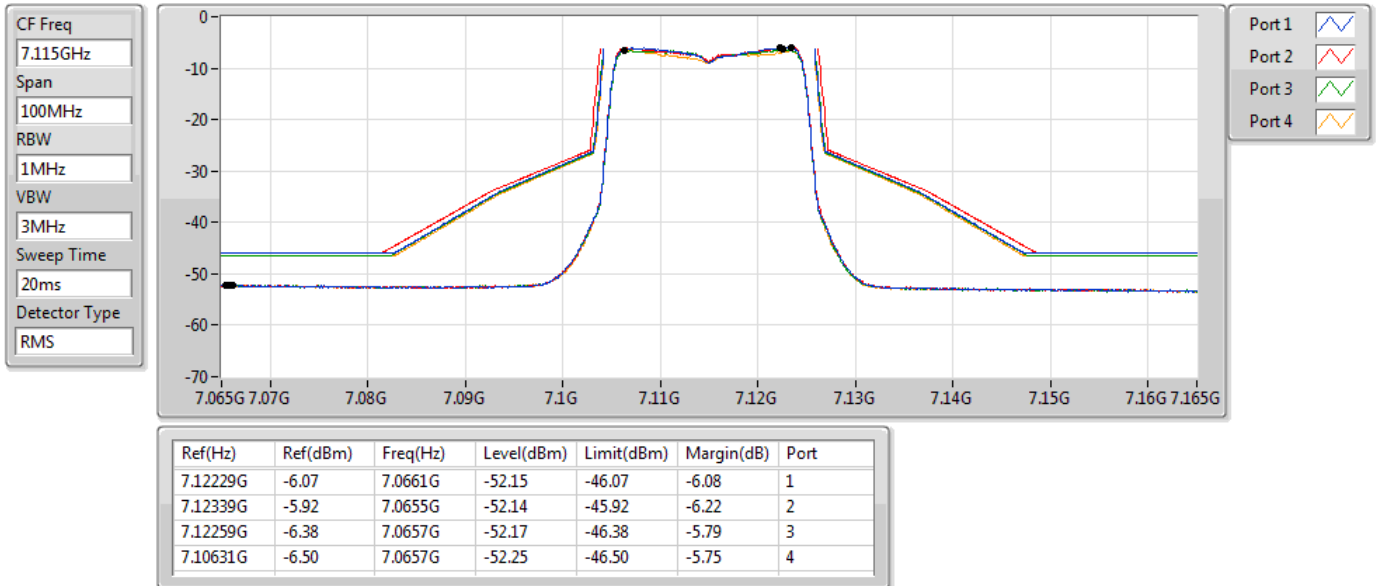
7095MHz_TnomVnom



802.11ax HEW20_Nss4,(MCS0)_4TX

MASK

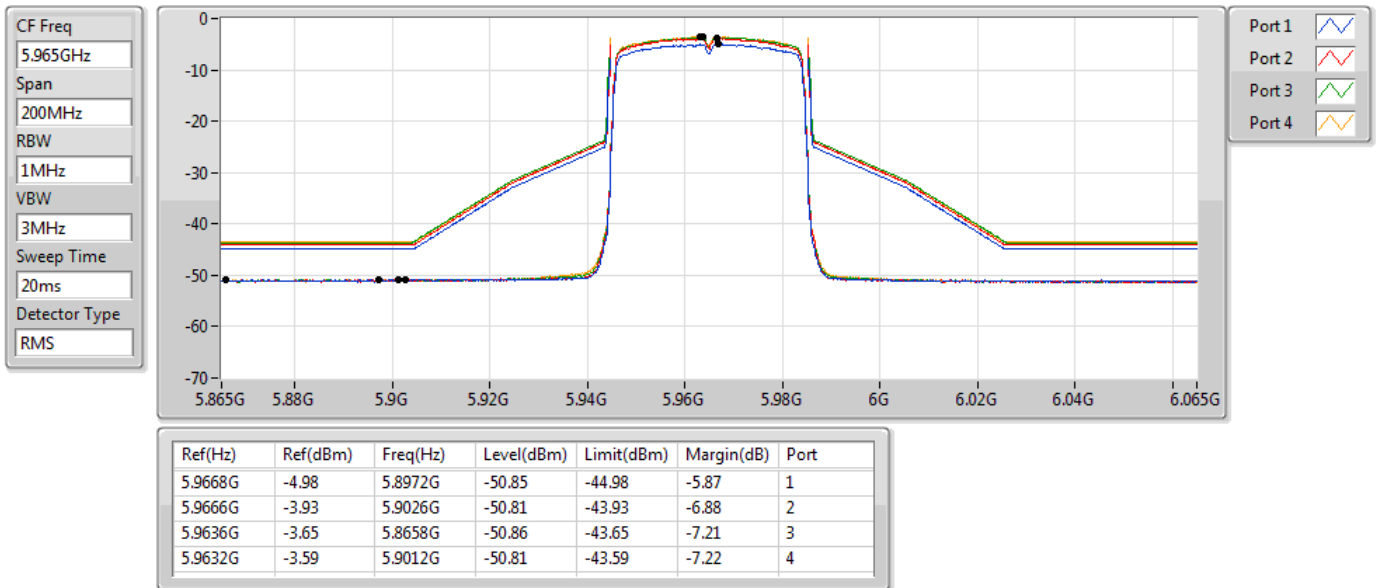
7115MHz_TnomVnom



802.11ax HEW40_Nss4,(MCS0)_4TX

MASK

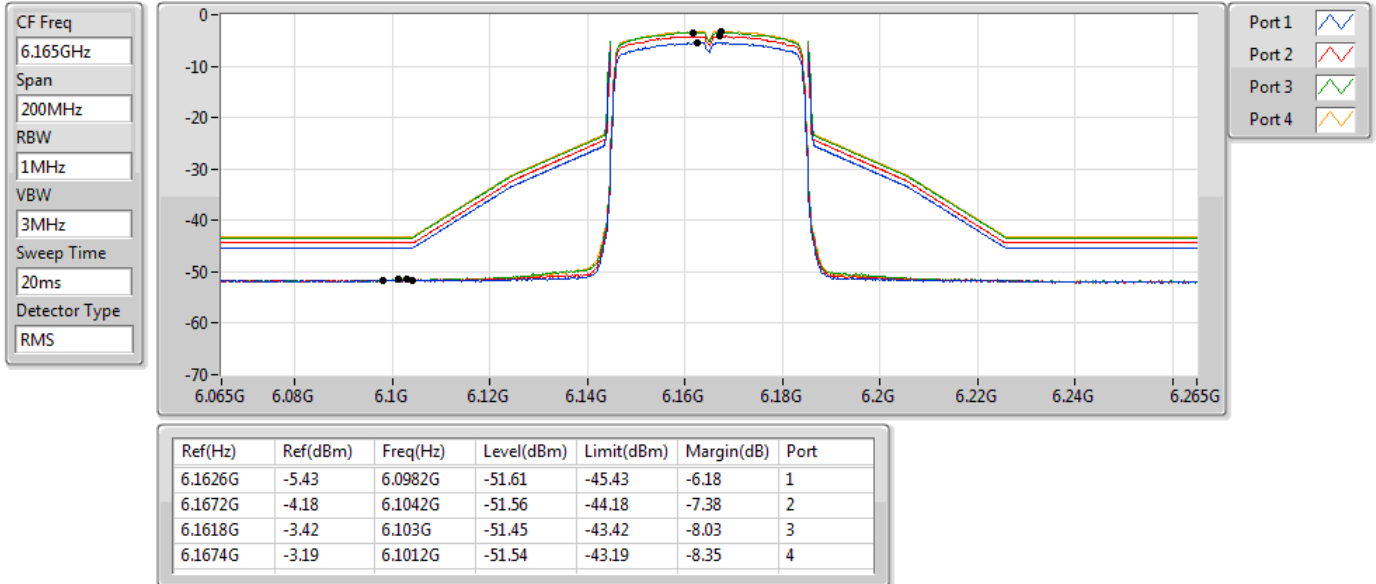
5965MHz_TnomVnom



802.11ax HEW40_Nss4,(MCS0)_4TX

MASK

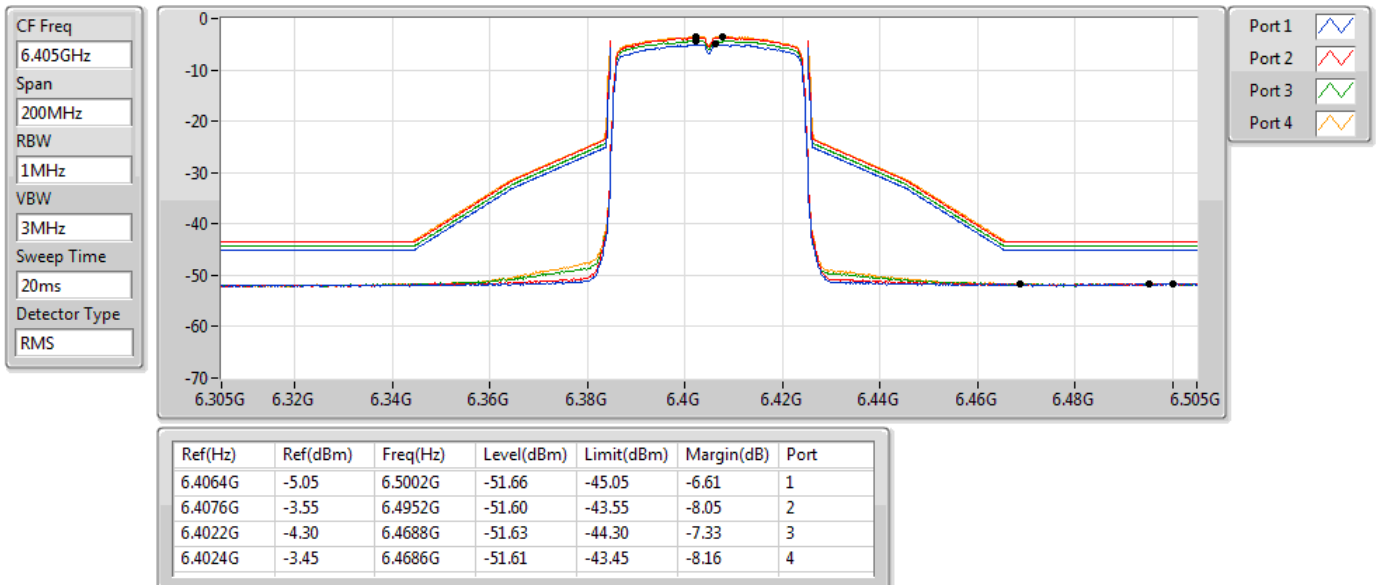
6165MHz_TnomVnom



802.11ax HEW40_Nss4,(MCS0)_4TX

MASK

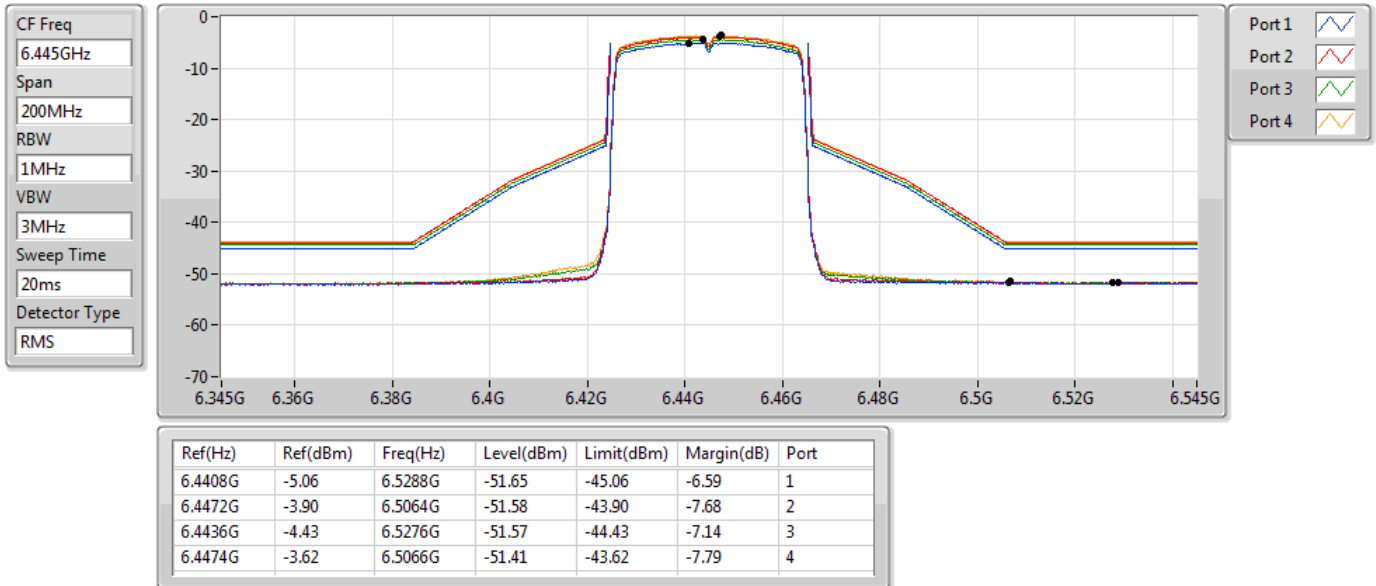
6405MHz_TnomVnom



802.11ax HEW40_Nss4,(MCS0)_4TX

MASK

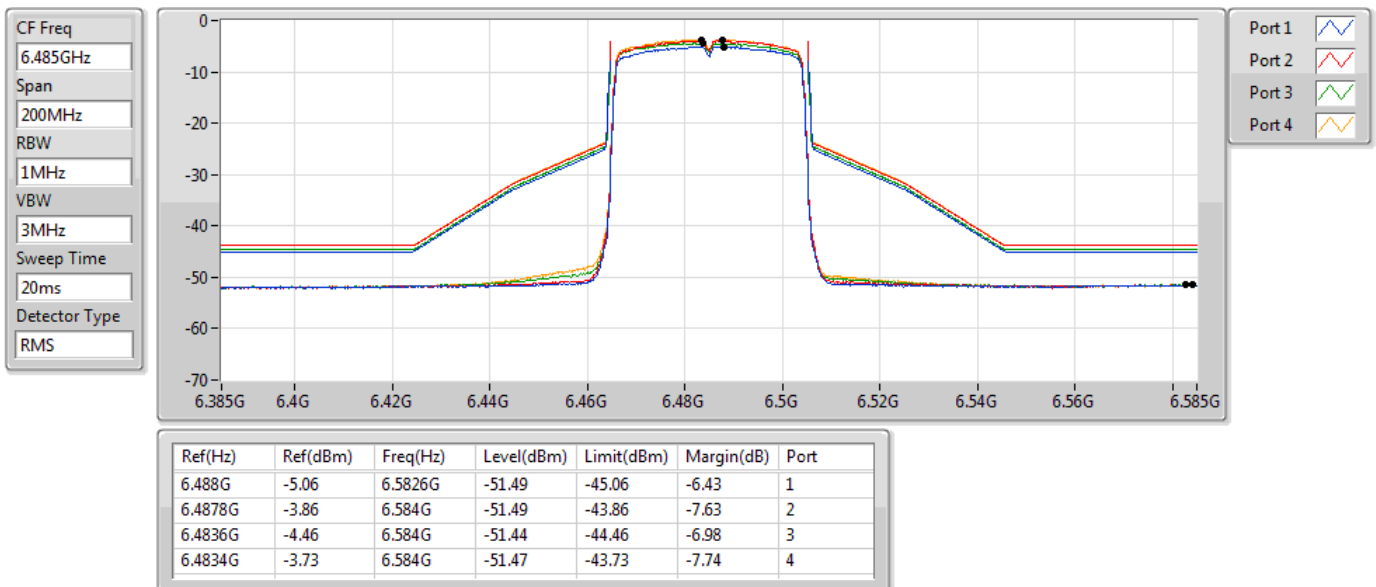
6445MHz_TnomVnom



802.11ax HEW40_Nss4,(MCS0)_4TX

MASK

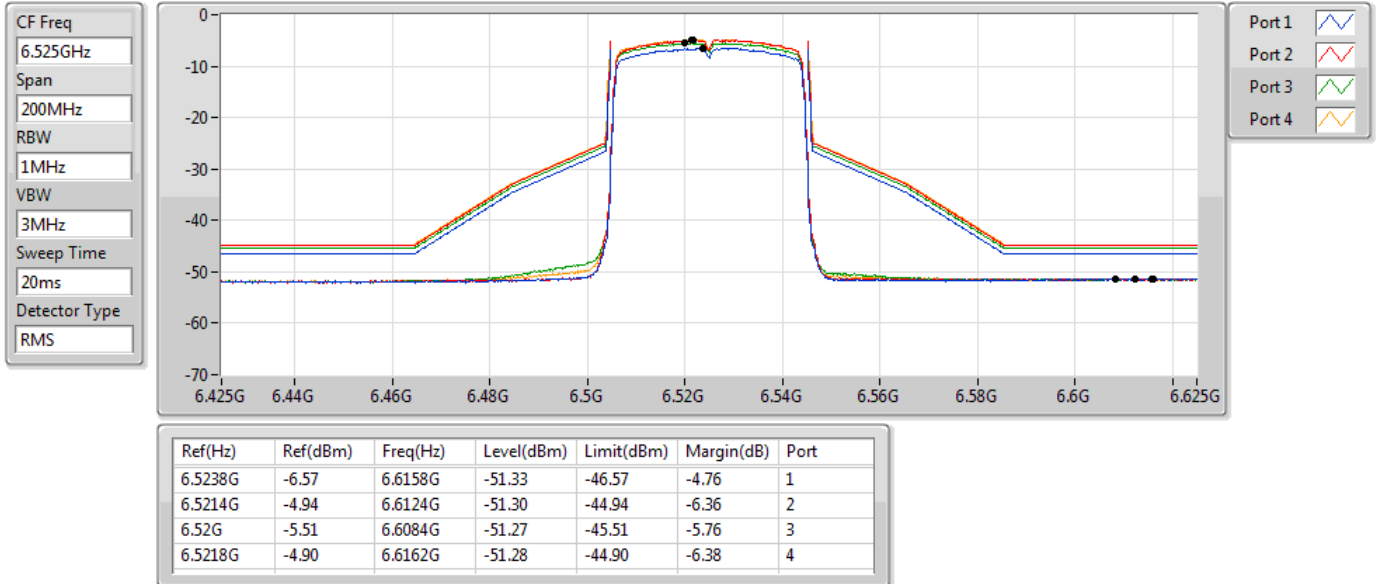
6485MHz_TnomVnom



802.11ax HEW40_Nss4,(MCS0)_4TX

MASK

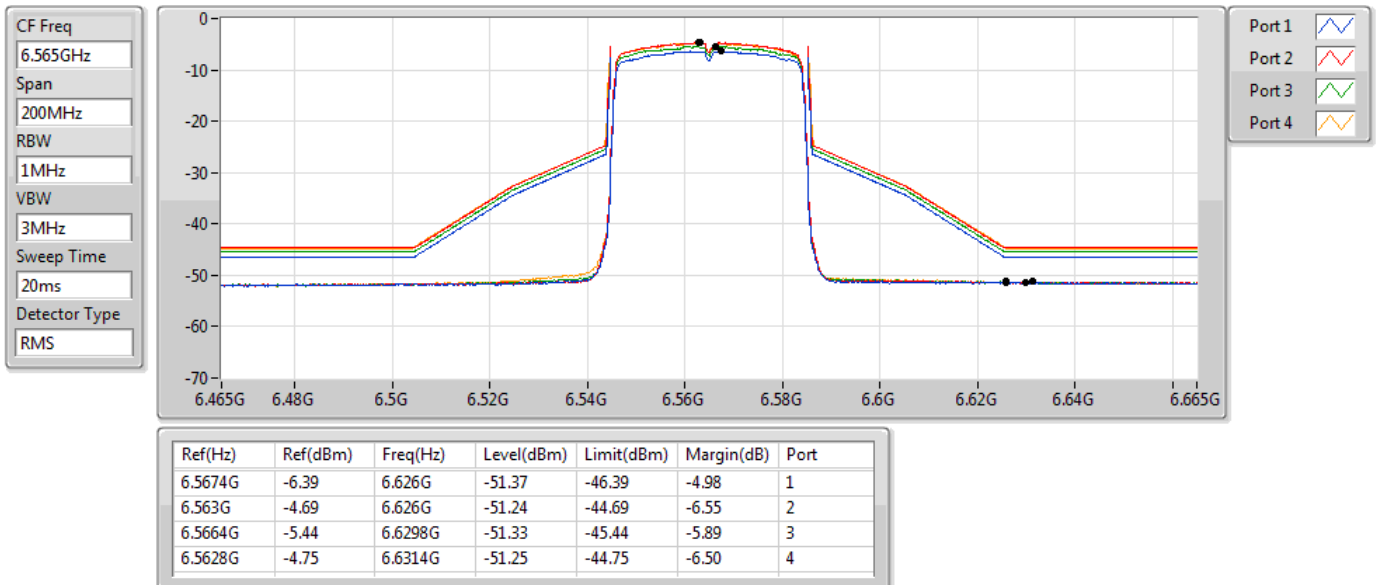
6525MHz Straddle 6.525-6.875GHz_TnomVnom



802.11ax HEW40_Nss4,(MCS0)_4TX

MASK

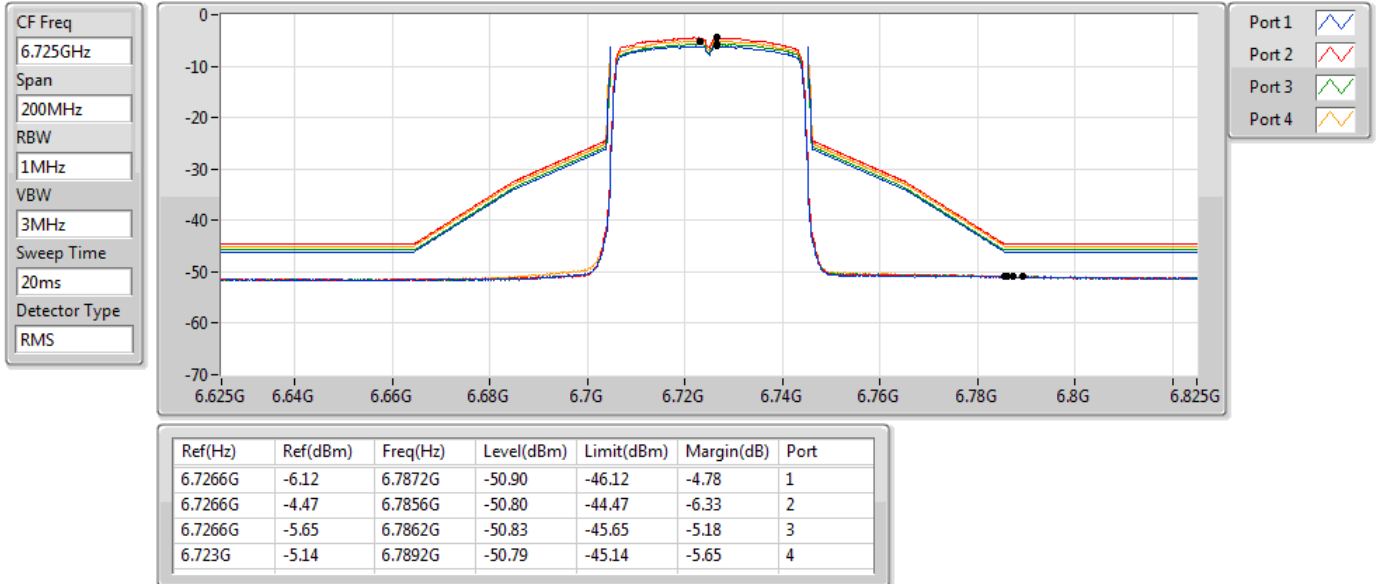
6565MHz_TnomVnom



802.11ax HEW40_Nss4,(MCS0)_4TX

MASK

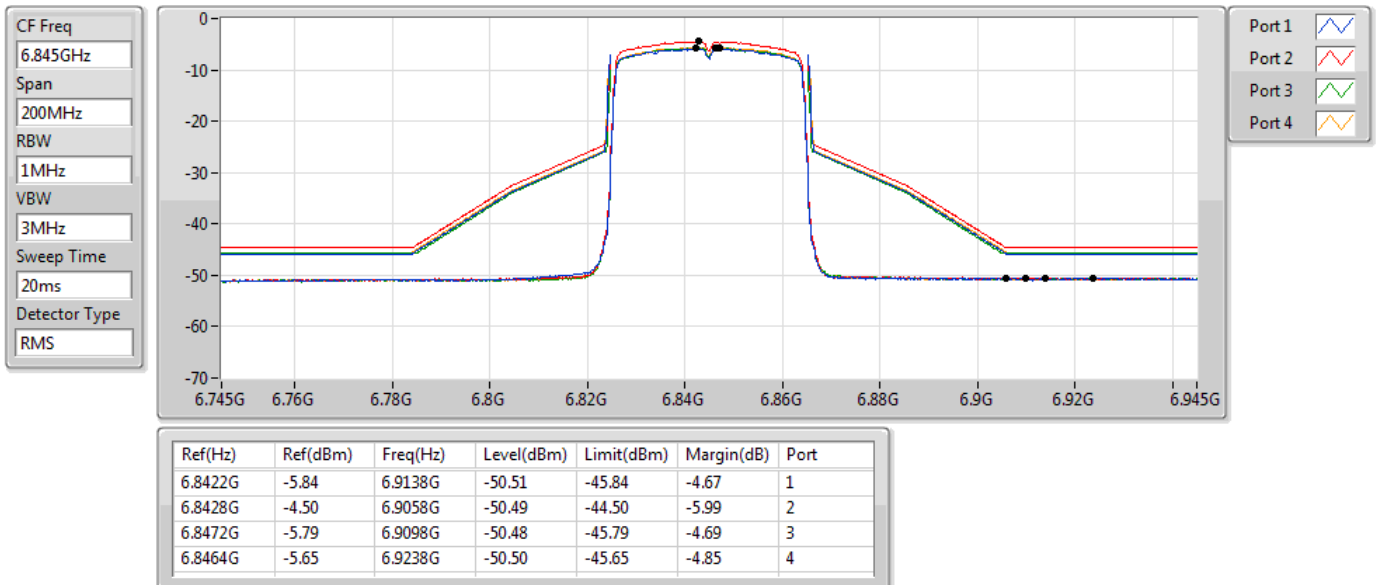
6725MHz_TnomVnom



802.11ax HEW40_Nss4,(MCS0)_4TX

MASK

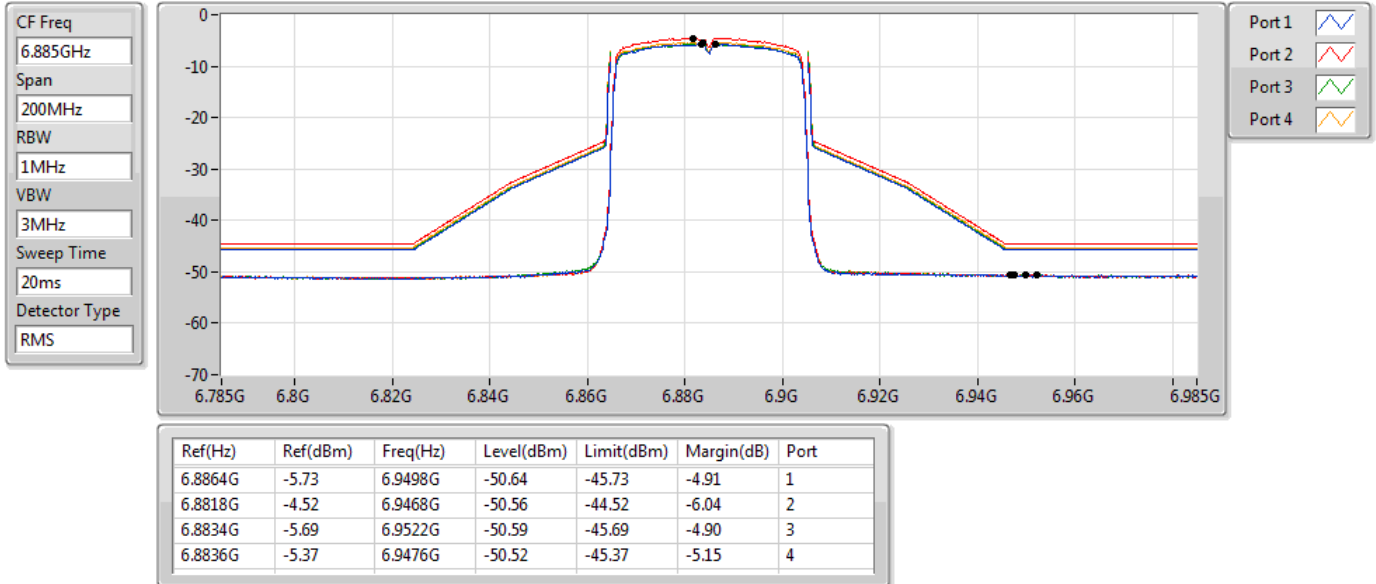
6845MHz_TnomVnom



802.11ax HEW40_Nss4,(MCS0)_4TX

MASK

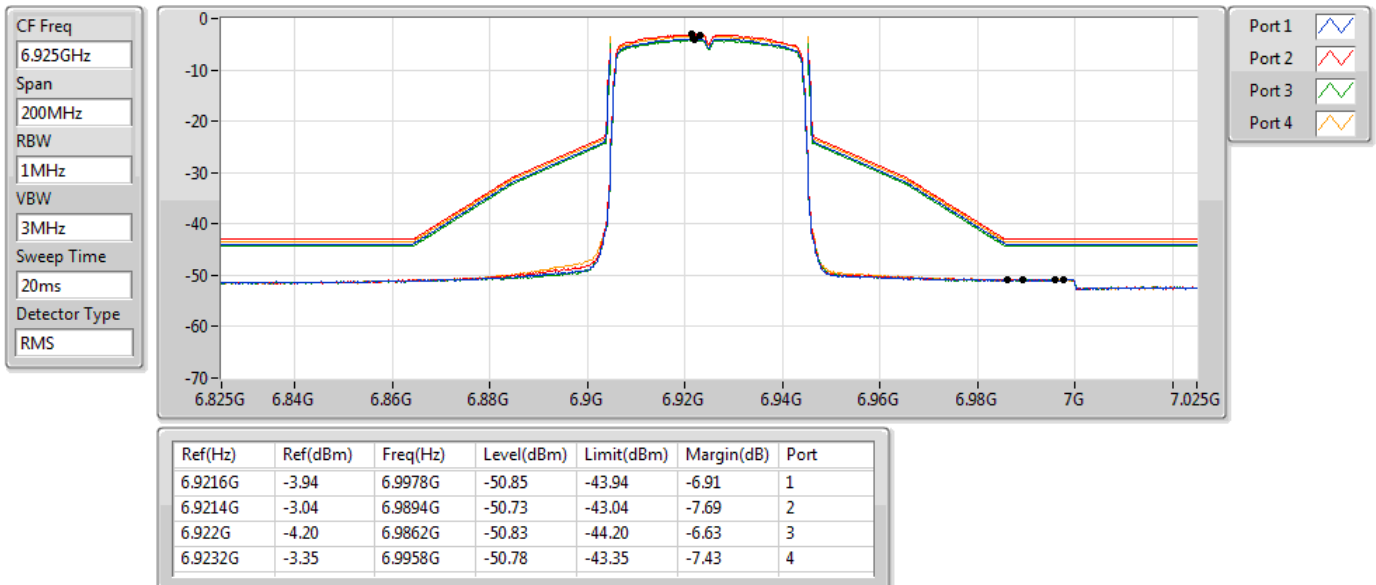
6885MHz Straddle 6.525-6.875GHz_TnomVnom



802.11ax HEW40_Nss4,(MCS0)_4TX

MASK

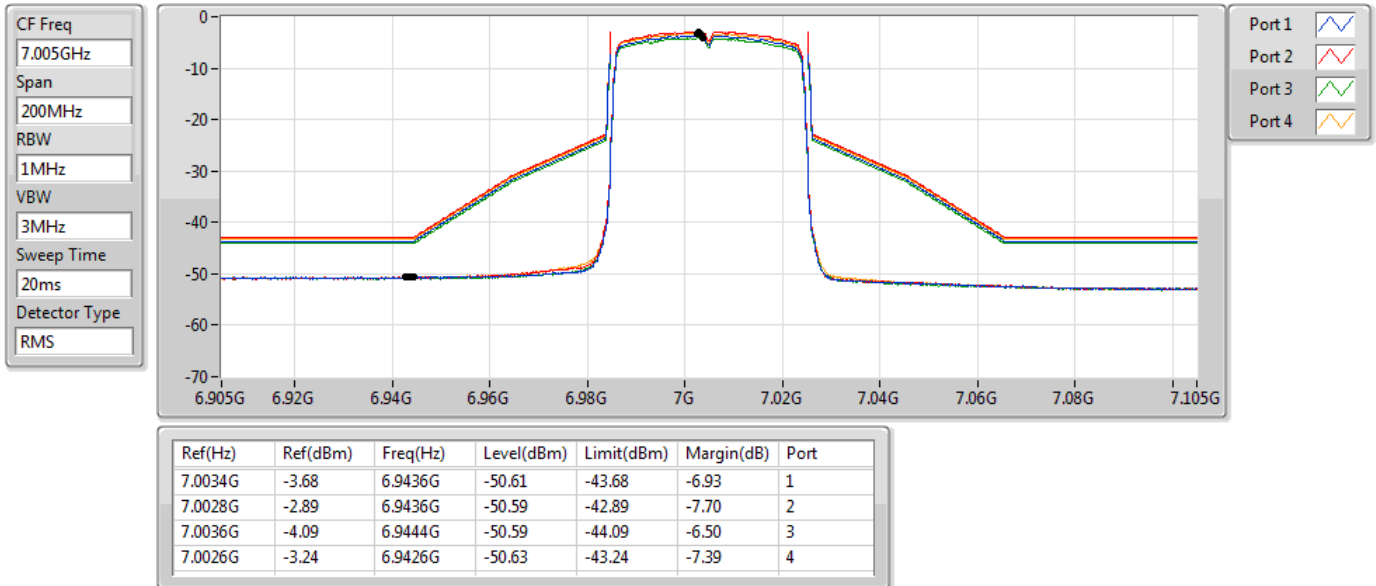
6925MHz_TnomVnom



802.11ax HEW40_Nss4,(MCS0)_4TX

MASK

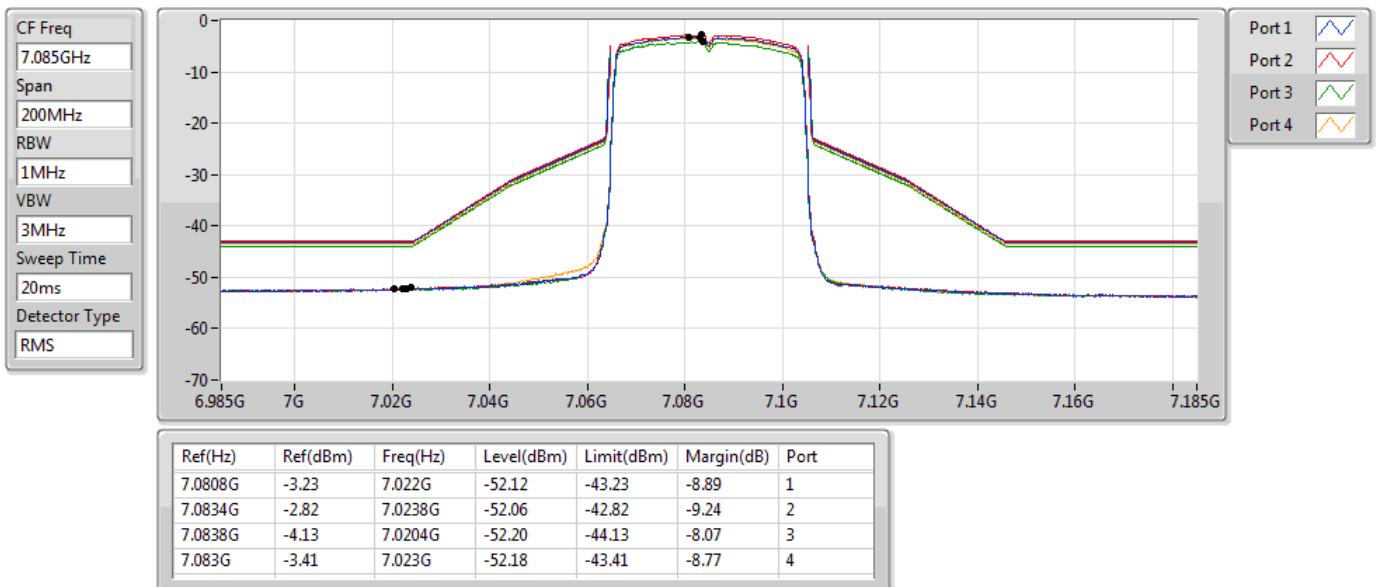
7005MHz_TnomVnom



802.11ax HEW40_Nss4,(MCS0)_4TX

MASK

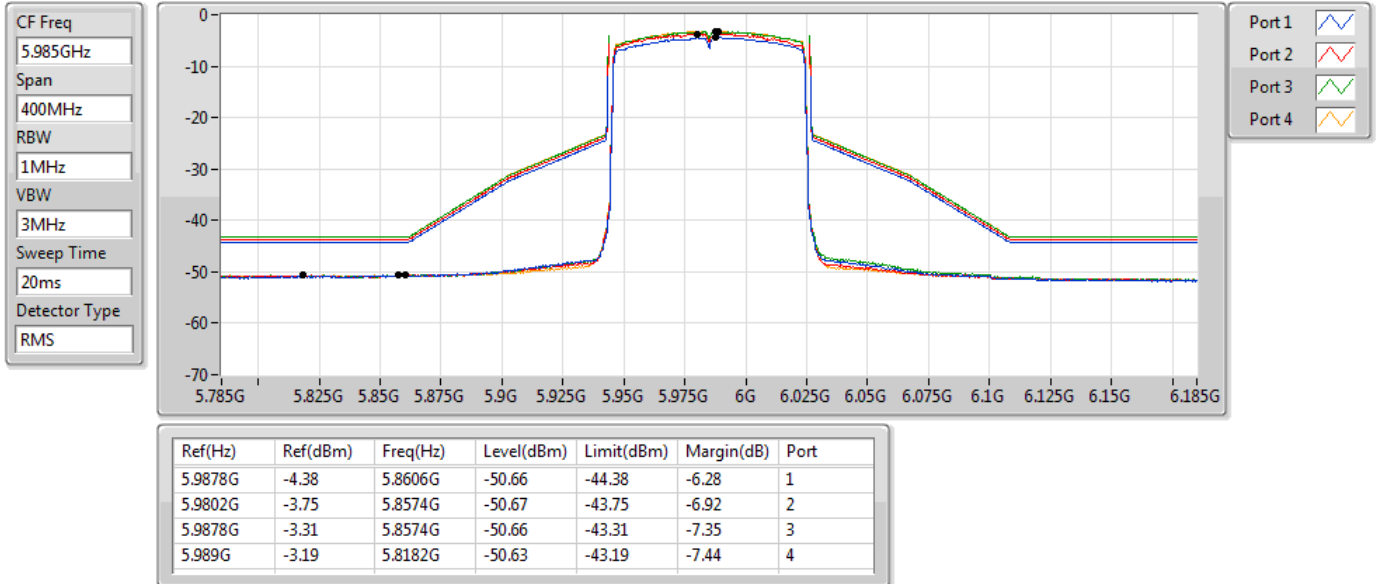
7085MHz_TnomVnom



802.11ax HEW80_Nss4,(MCS0)_4TX

MASK

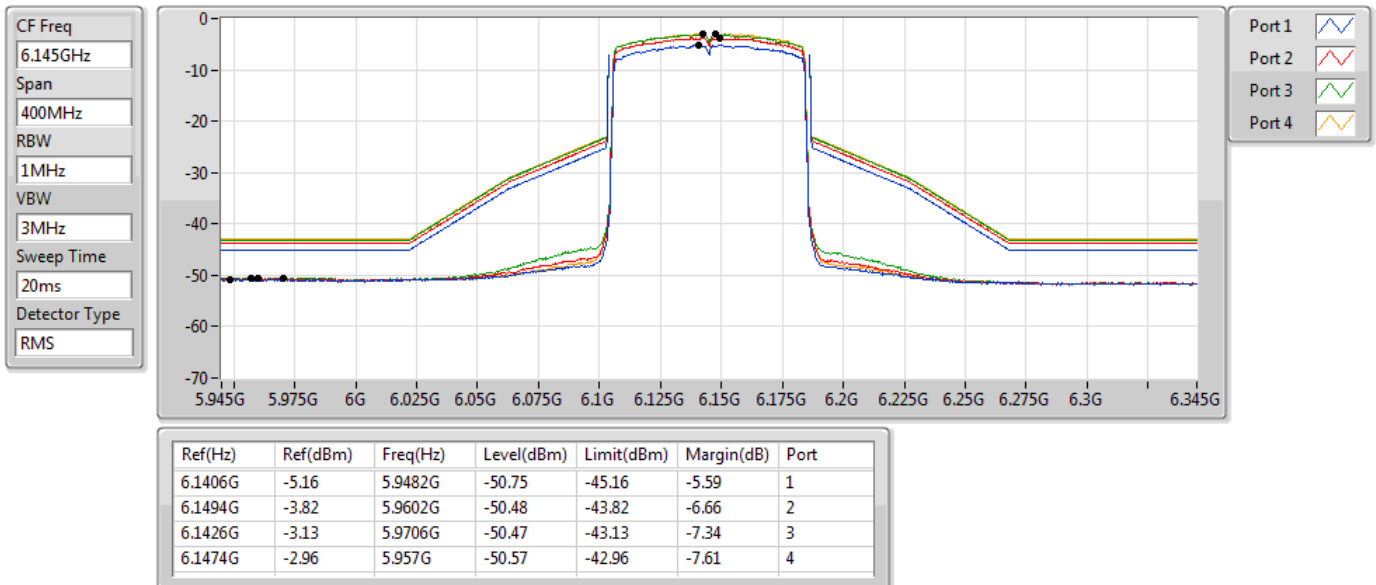
5985MHz_TnomVnom



802.11ax HEW80_Nss4,(MCS0)_4TX

MASK

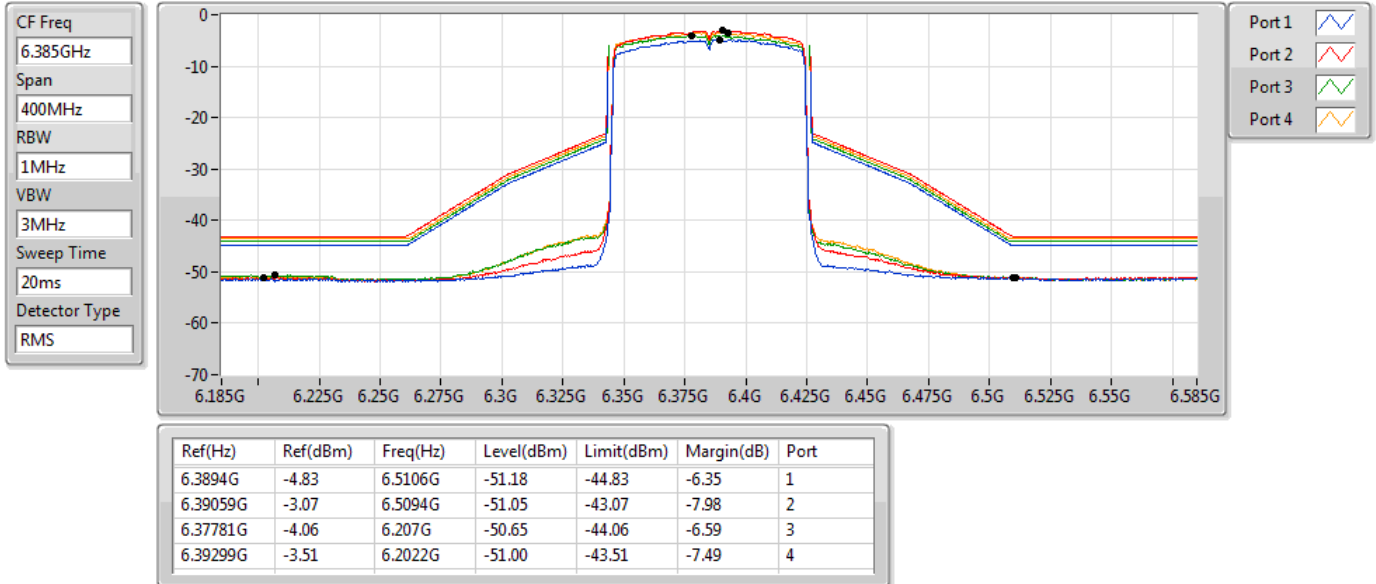
6145MHz_TnomVnom



802.11ax HEW80_Nss4,(MCS0)_4TX

MASK

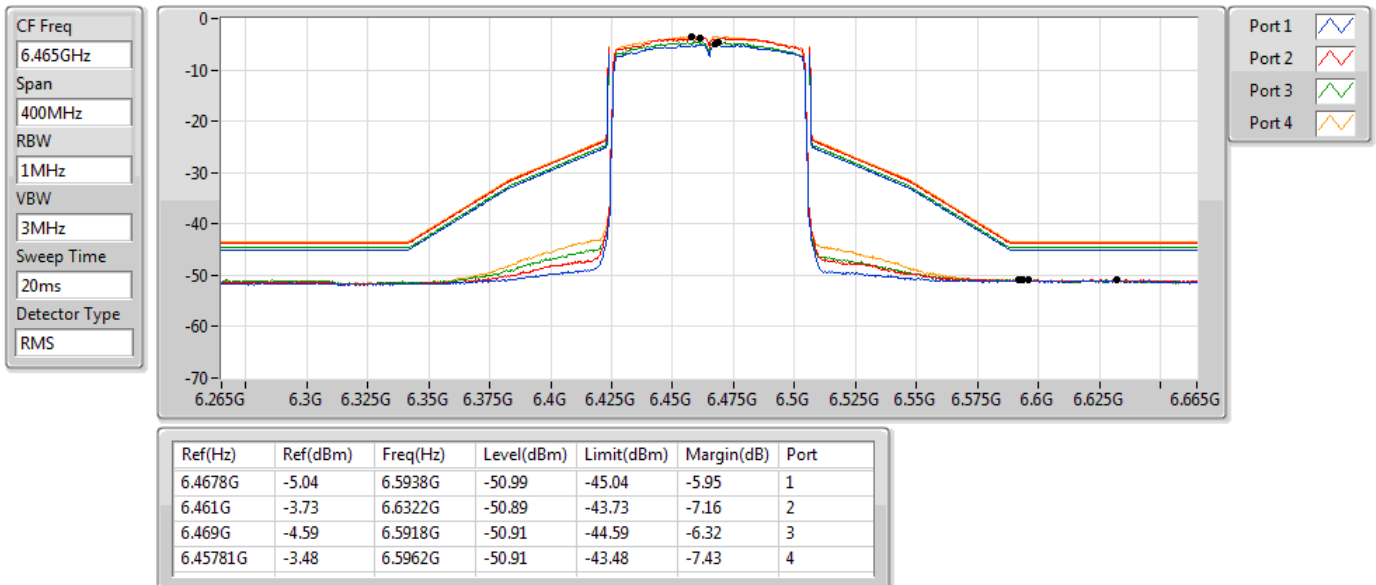
6385MHz_TnomVnom



802.11ax HEW80_Nss4,(MCS0)_4TX

MASK

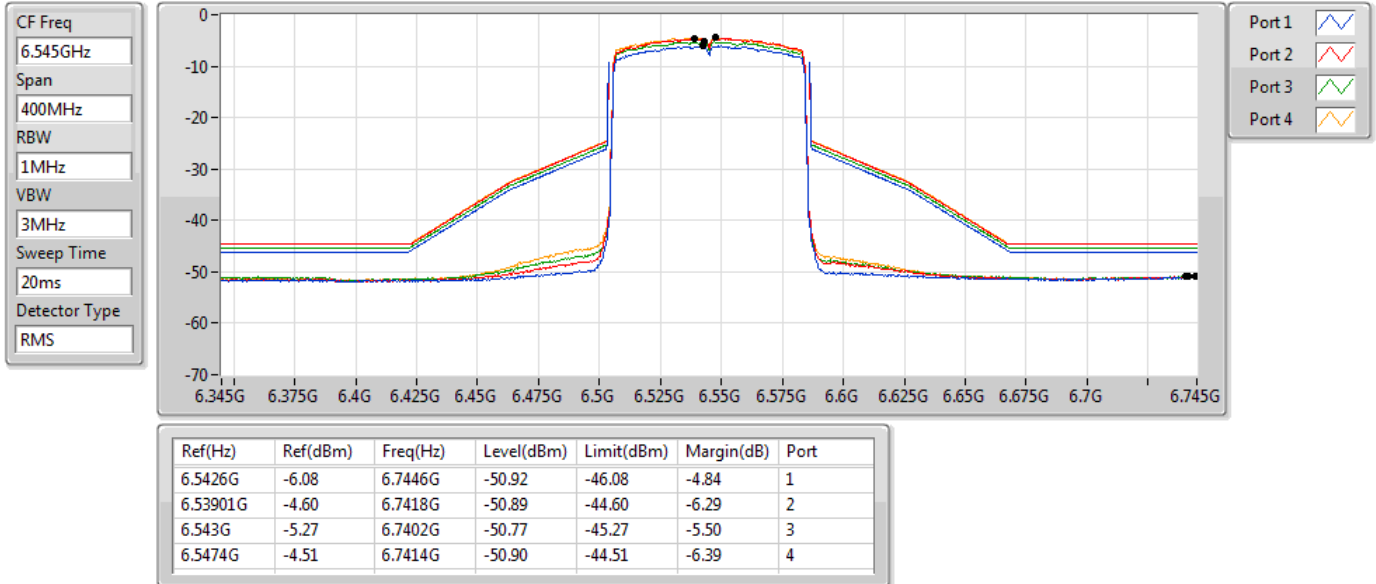
6465MHz_TnomVnom



802.11ax HEW80_Nss4,(MCS0)_4TX

MASK

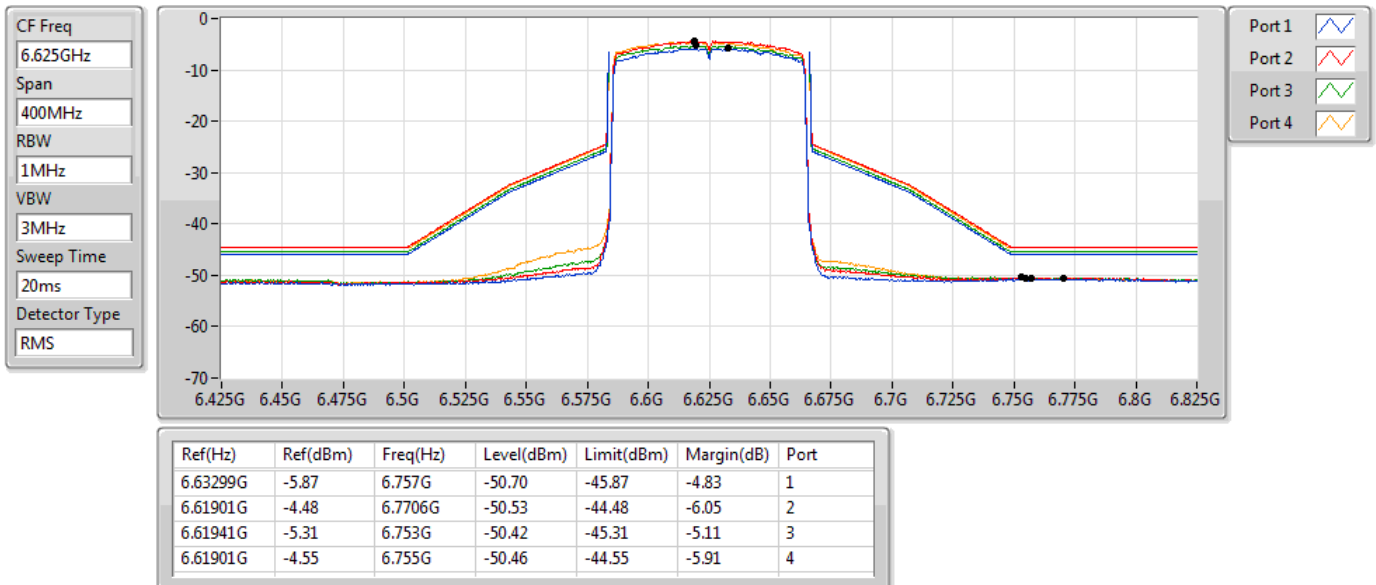
6545MHz Straddle 6.525-6.875GHz_TnomVnom



802.11ax HEW80_Nss4,(MCS0)_4TX

MASK

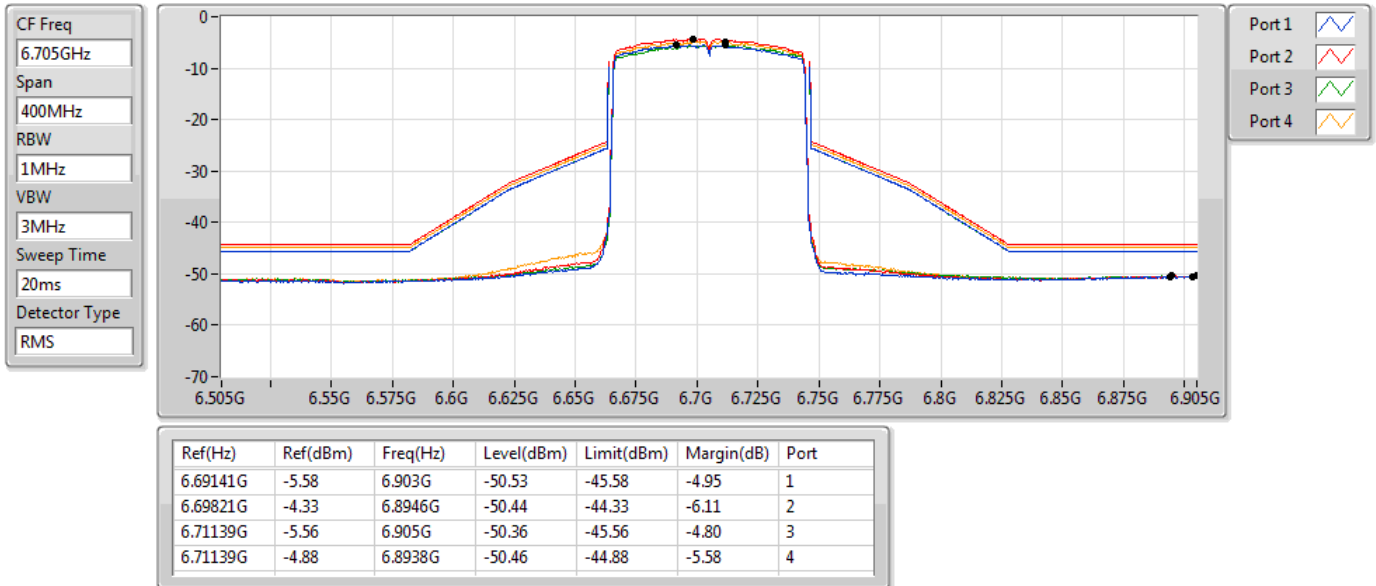
6625MHz_TnomVnom



802.11ax HEW80_Nss4,(MCS0)_4TX

MASK

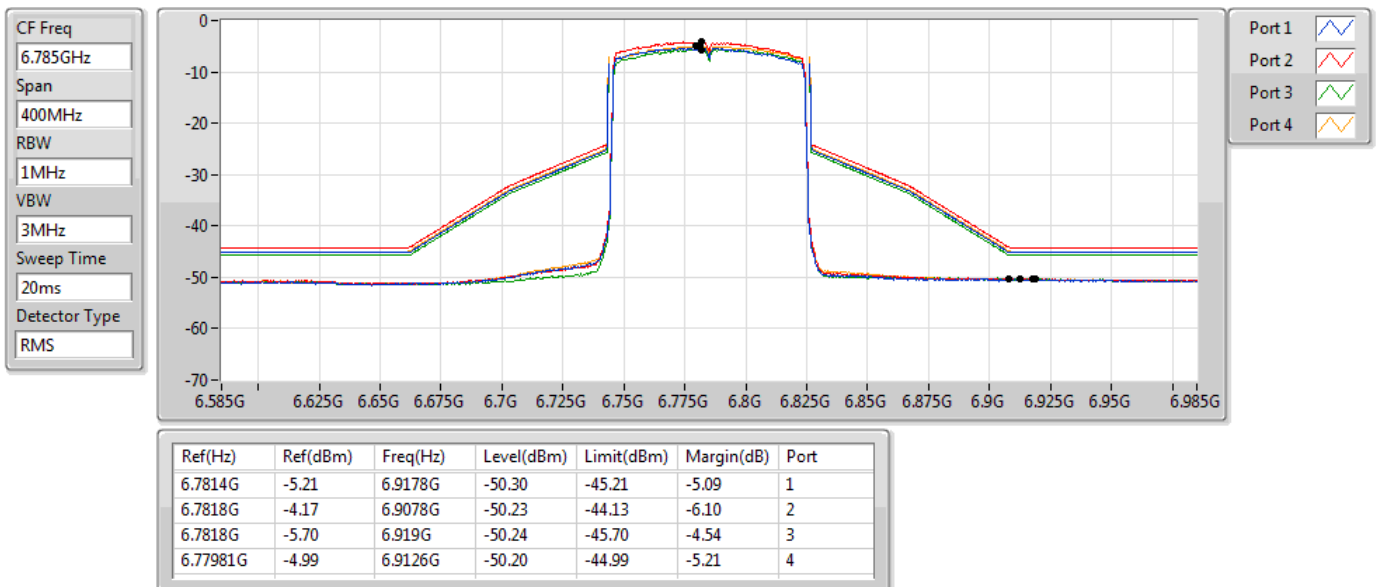
6705MHz_TnomVnom



802.11ax HEW80_Nss4,(MCS0)_4TX

MASK

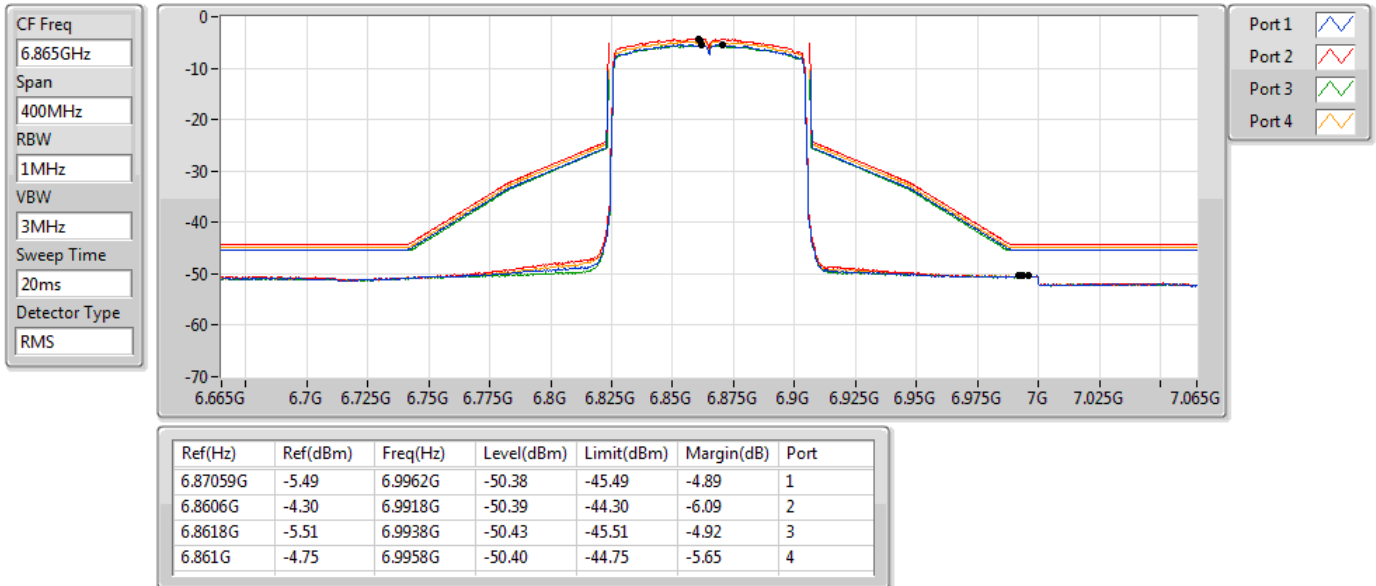
6785MHz_TnomVnom



802.11ax HEW80_Nss4,(MCS0)_4TX

MASK

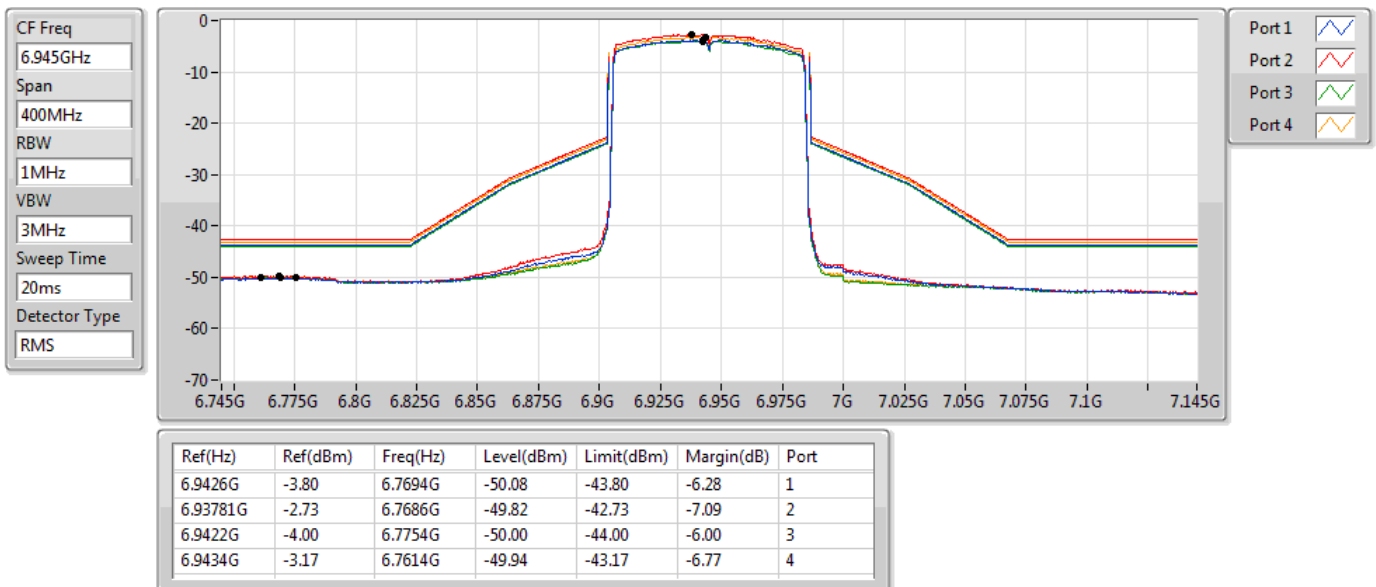
6865MHz Straddle 6.525-6.875GHz_TnomVnom



802.11ax HEW80_Nss4,(MCS0)_4TX

MASK

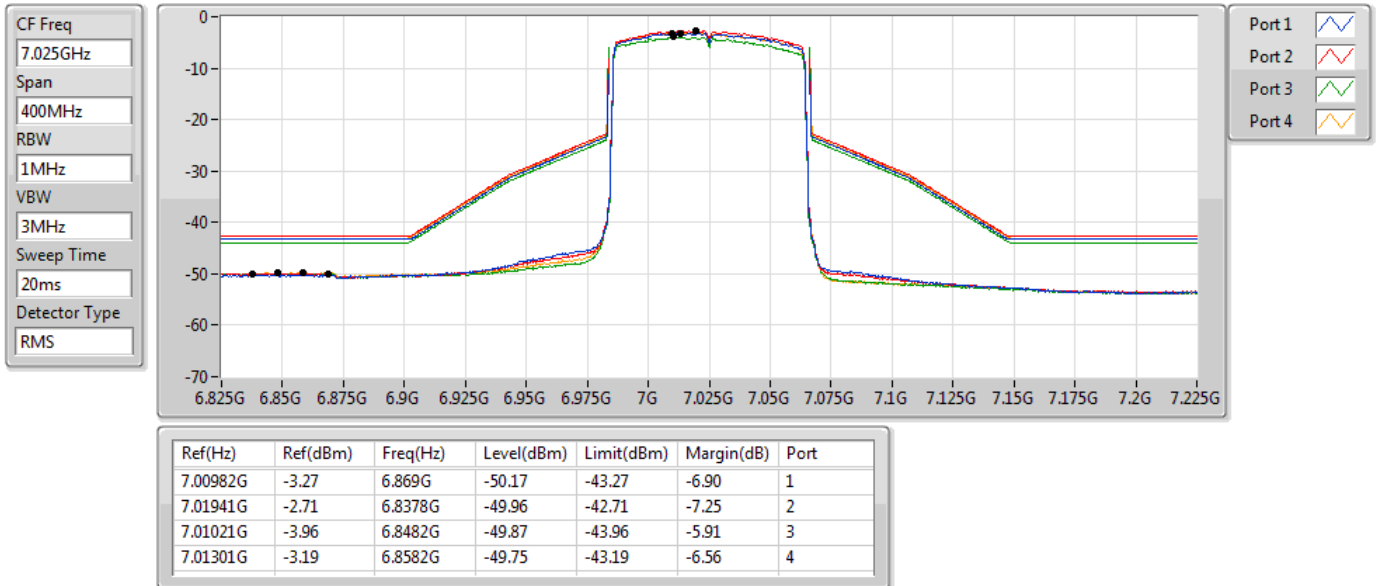
6945MHz_TnomVnom



802.11ax HEW80_Nss4,(MCS0)_4TX

MASK

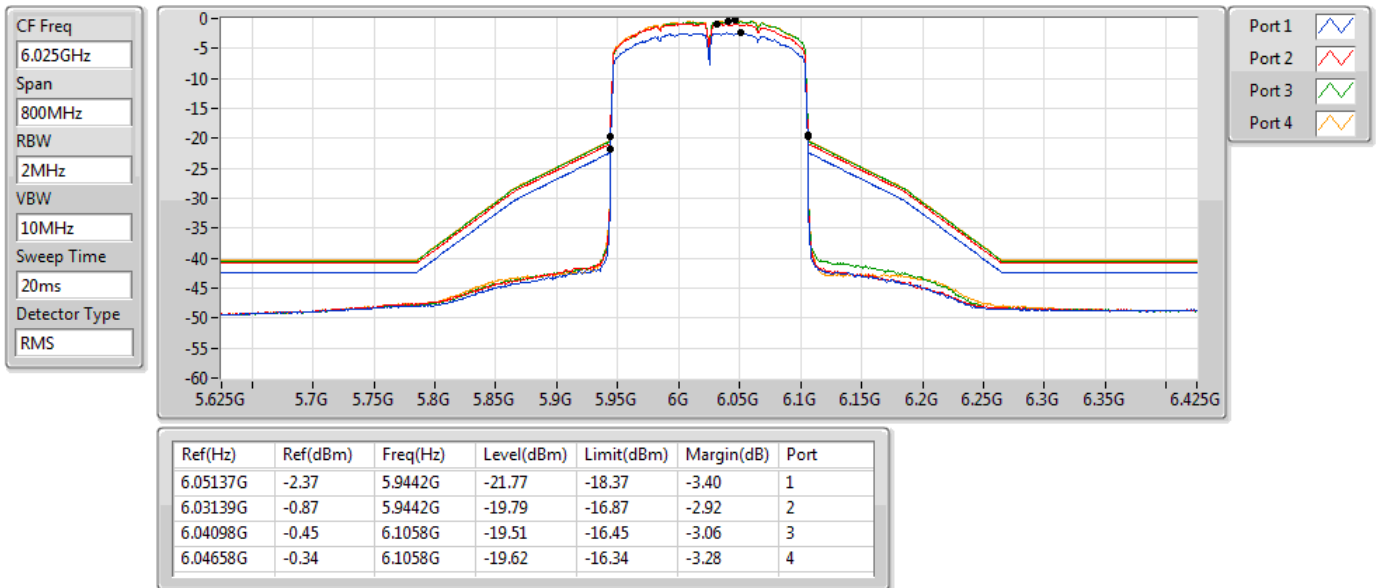
7025MHz_TnomVnom



802.11ax HEW160_Nss4,(MCS0)_4TX

MASK

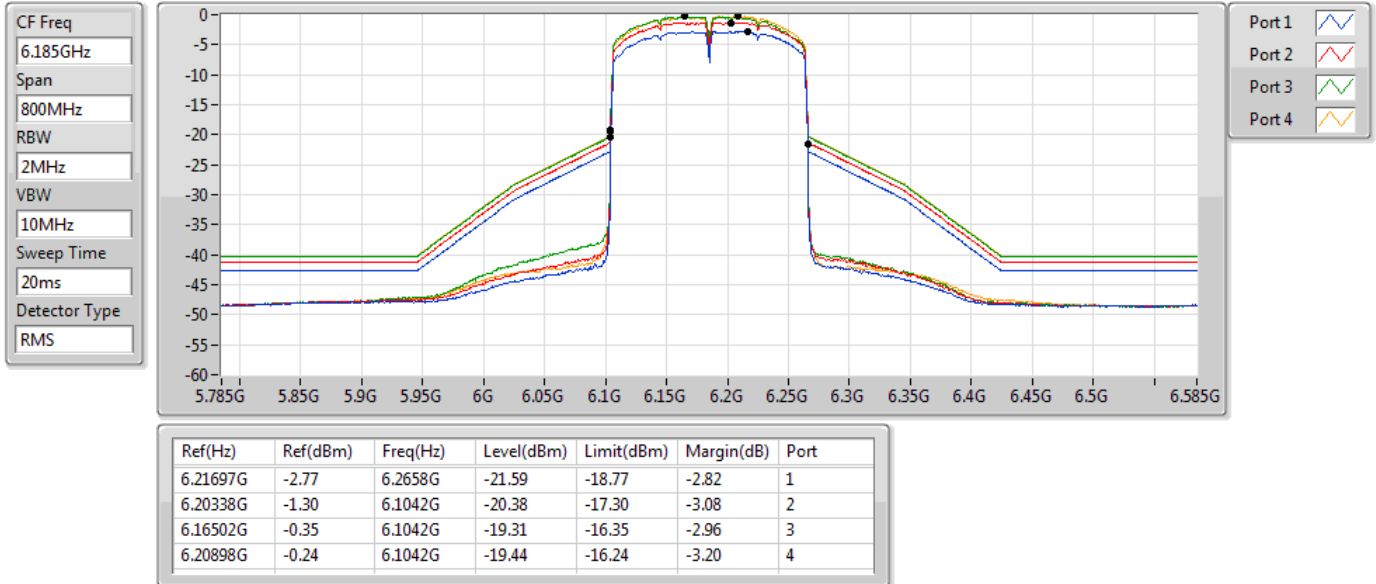
6025MHz_TnomVnom



802.11ax HEW160_Nss4,(MCS0)_4TX

MASK

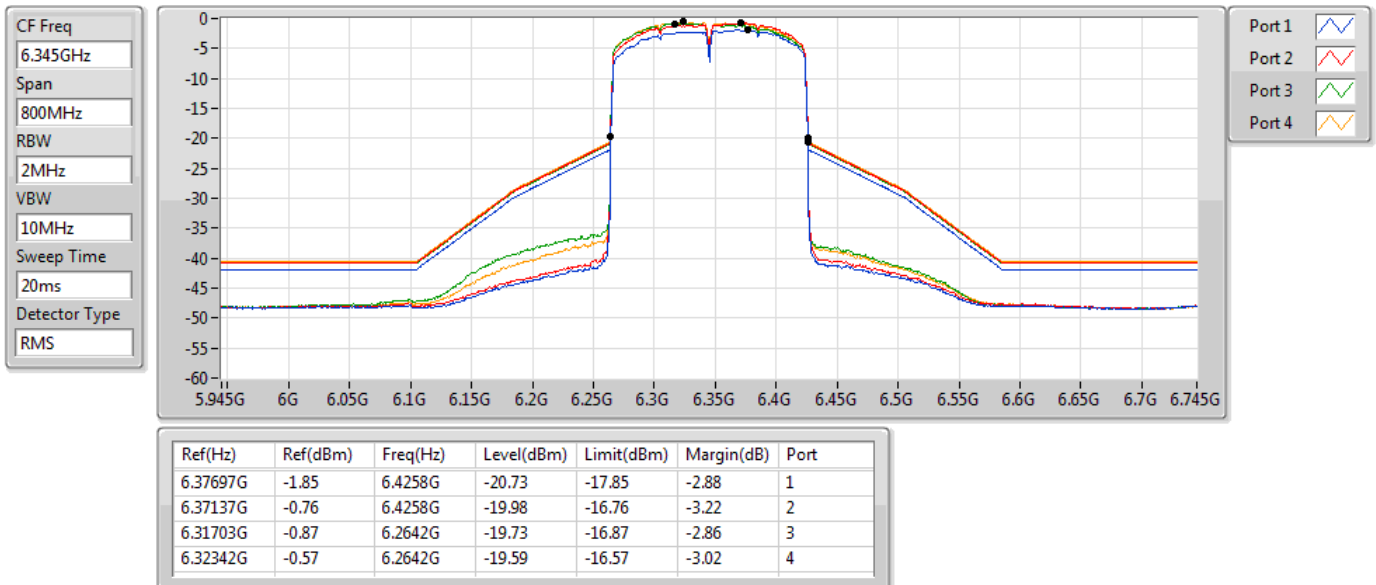
6185MHz_TnomVnom



802.11ax HEW160_Nss4,(MCS0)_4TX

MASK

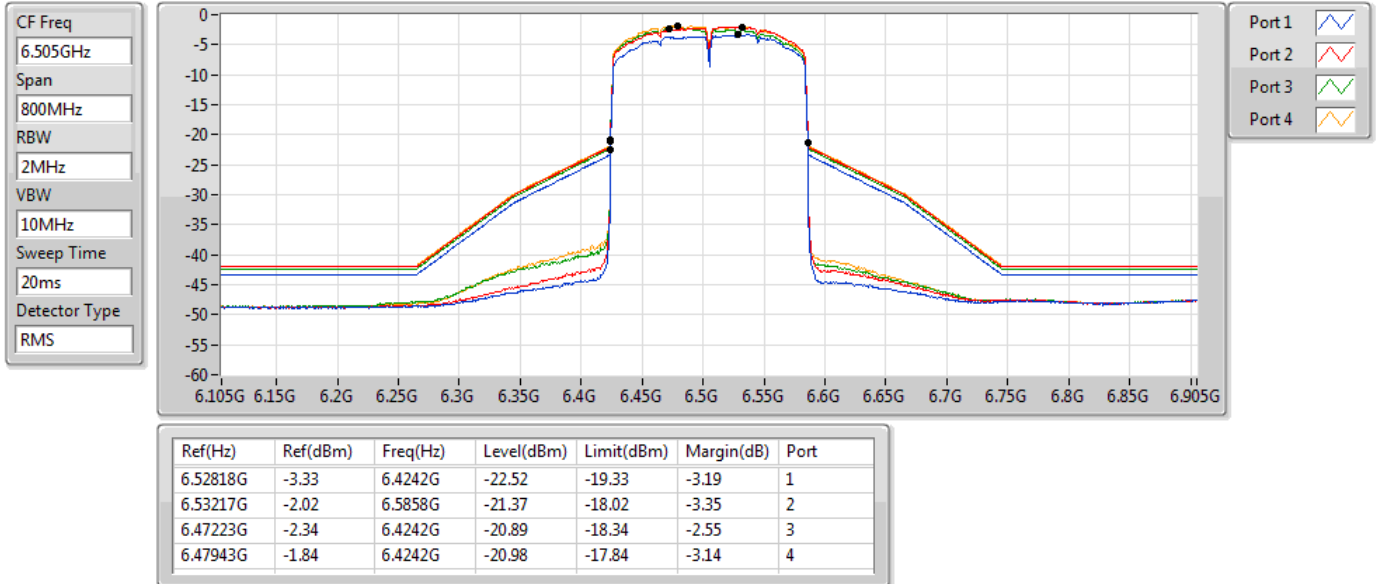
6345MHz_TnomVnom



802.11ax HEW160_Nss4,(MCS0)_4TX

MASK

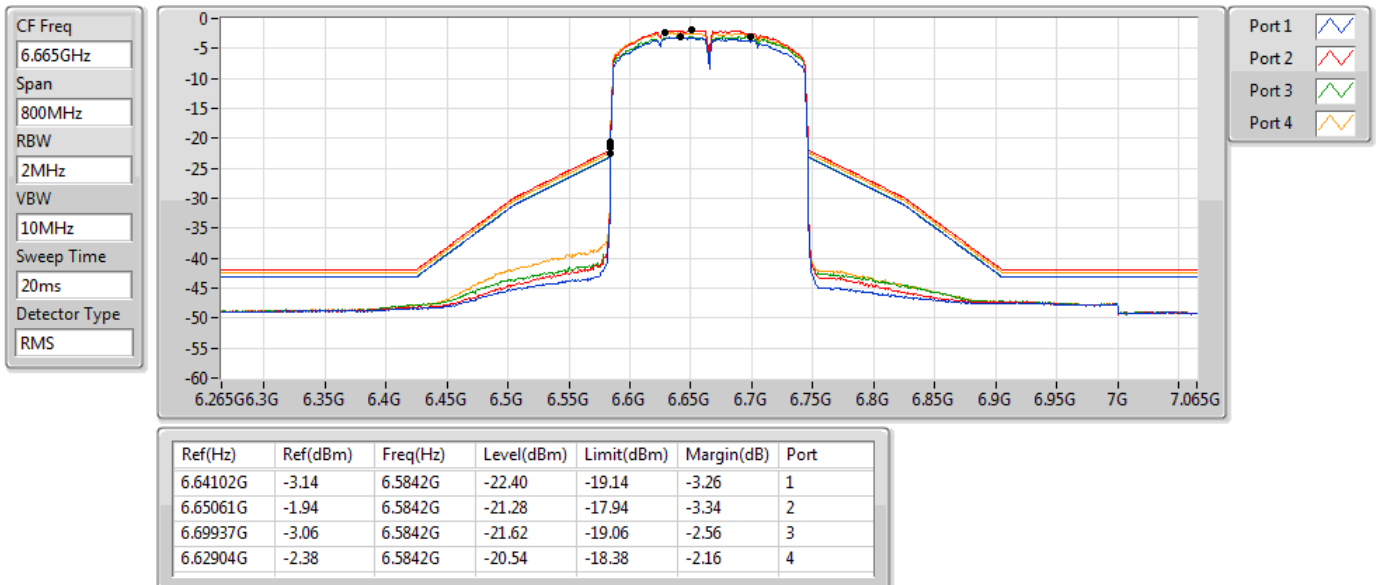
6505MHz Straddle 6.525-6.875GHz_TnomVnom



802.11ax HEW160_Nss4,(MCS0)_4TX

MASK

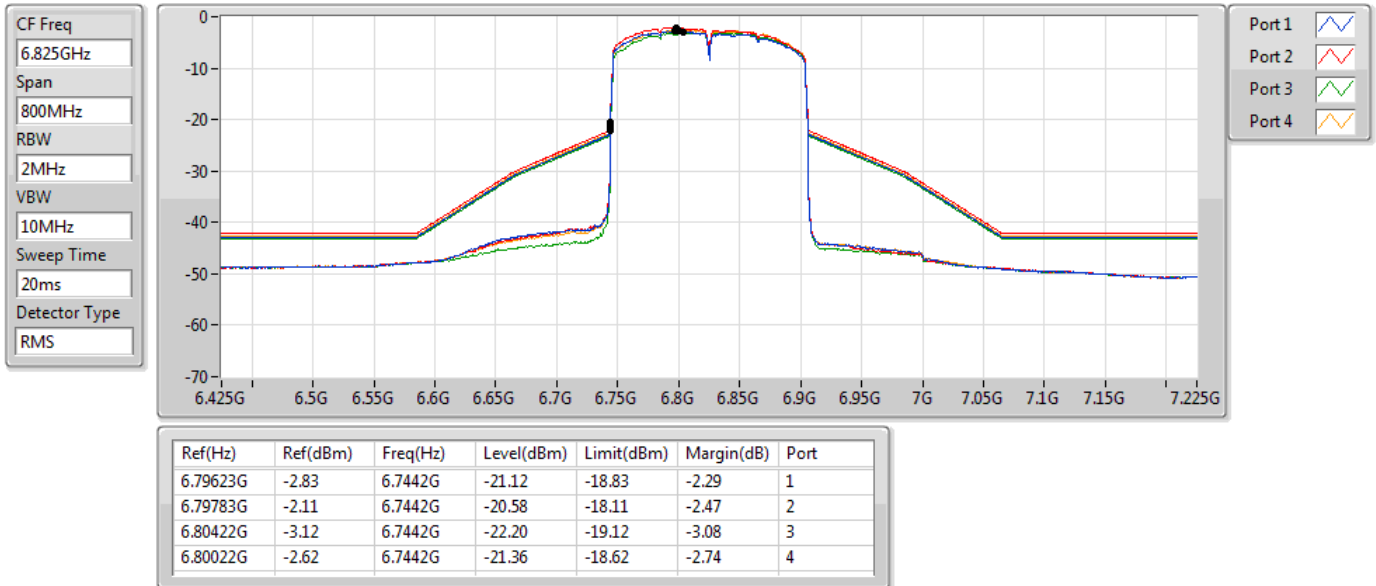
6665MHz_TnomVnom



802.11ax HEW160_Nss4,(MCS0)_4TX

MASK

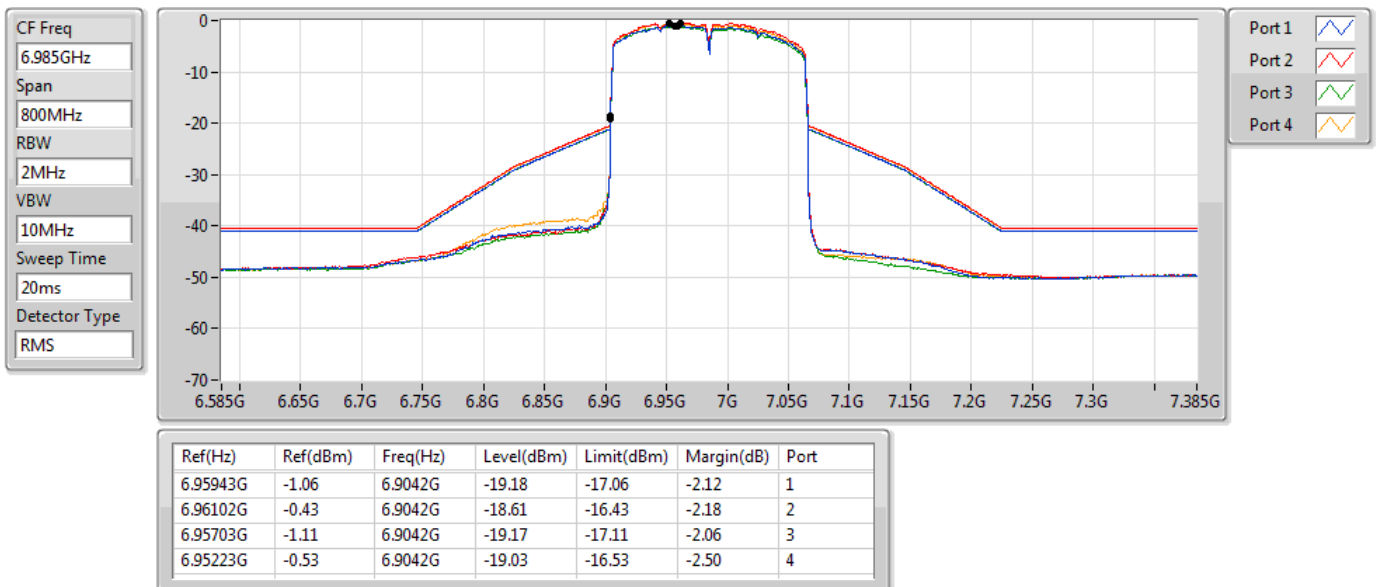
6825MHz Straddle 6.525-6.875GHz_TnomVnom



802.11ax HEW160_Nss4,(MCS0)_4TX

MASK

6985MHz_TnomVnom



Frequency: 6475 MHz	Frequency Drift (ppm)			
Temperature (°C)	0 minute	2 minutes	5 minutes	10 minutes
T20°CVmax	-1.08	-0.85	-1.13	-1.31
T20°CVmin	-0.68	-1.00	-0.48	-0.88
T50°CVnom	-1.96	-2.11	-2.01	-1.35
T40°CVnom	-1.36	-1.14	-1.02	-1.18
T30°CVnom	-0.65	-0.46	-0.02	-0.27
T20°CVnom	-0.85	-1.05	-1.08	-0.70
T10°CVnom	1.34	2.09	1.24	1.45
T0°CVnom	2.41	2.15	2.51	2.32
T-10°CVnom	5.67	5.90	5.73	5.49
T-20°CVnom	8.62	8.35	9.05	8.56
T-30°CVnom	10.33	10.61	10.78	10.34
Vnom [V]: 120	Vmax [V]: 138		Vmin [V]: 102	
Tnom [°C]: 20	Tmax [°C]: 50		Tmin [°C]: -30	

Frequency: 7015 MHz	Frequency Drift (ppm)			
Temperature (°C)	0 minute	2 minutes	5 minutes	10 minutes
T20°CVmax	-0.81	-0.59	-0.44	-0.97
T20°CVmin	-0.22	-0.44	-0.23	-0.31
T50°CVnom	-1.79	-1.50	-1.80	-1.59
T40°CVnom	-0.92	-0.99	-0.70	-0.92
T30°CVnom	-0.58	-0.77	-0.15	-0.37
T20°CVnom	-0.57	-0.61	-0.94	-0.33
T10°CVnom	1.07	1.39	1.32	1.11
T0°CVnom	2.77	2.04	2.43	1.95
T-10°CVnom	4.95	4.88	5.39	5.12
T-20°CVnom	8.18	7.78	7.76	8.33
T-30°CVnom	10.07	10.02	10.06	10.17
Vnom [V]: 110	Vmax [V]: 126.5		Vmin [V]: 93.5	
Tnom [°C]: 20	Tmax [°C]: 50		Tmin [°C]: -30	

Mode	UNII Band	Center Frequency (MHz)	Incumbent Frequency (MHz)	Injected (AWGN) Power (dBm)	Antenna gain With path Loss (dBi)	Adjusted Power (dBm)	Detection limit (dBm)	EUT Tx Status
802.11ax -HE20	5	6195	6195	-66.31	3.47	-69.78	-62	Ceased
				-69.5	3.47	-72.97	-62	Minimal
				-87.5	3.47	-90.97	-62	Normal
	6	6475	6475	-66.66	3.78	-70.44	-62	Ceased
				-69.5	3.78	-73.28	-62	Minimal
				-87	3.78	-90.78	-62	Normal
	7	6695	6695	-66.85	4.25	-71.1	-62	Ceased
				-69	4.25	-73.25	-62	Minimal
				-87	4.25	-91.25	-62	Normal
	8	6995	6995	-64.22	3.15	-67.37	-62	Ceased
				-67.5	3.15	-70.65	-62	Minimal
				-87.5	3.15	-90.65	-62	Normal

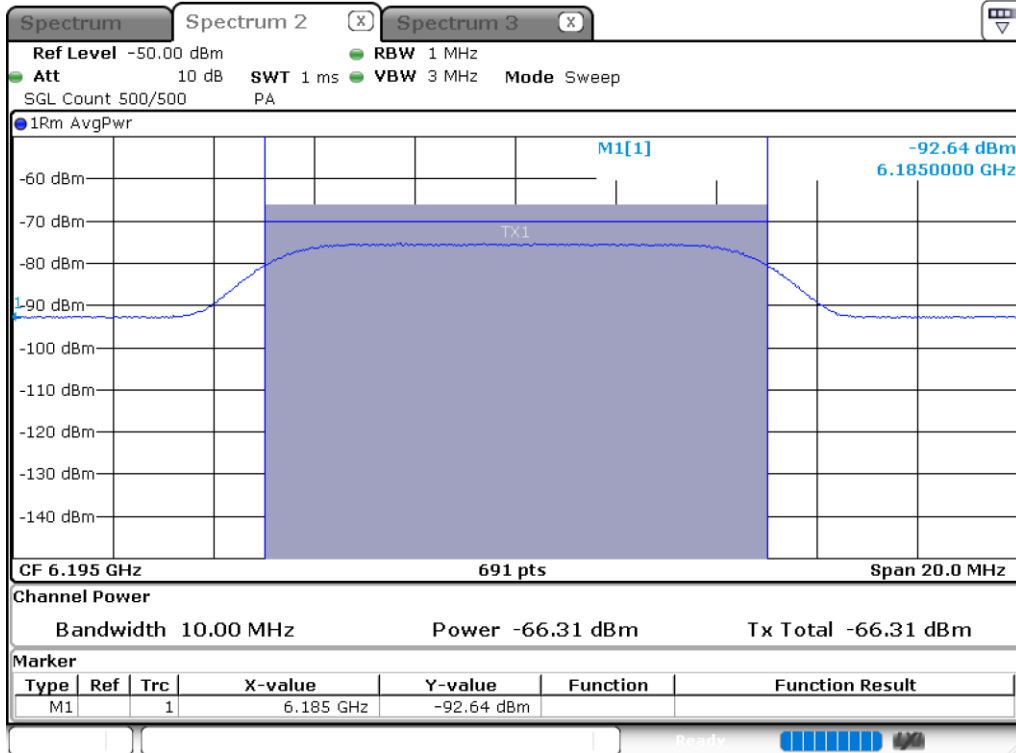
Mode	UNII Band	Center Frequency (MHz)	Incumbent Frequency (MHz)	Injected (AWGN) Power (dBm)	Antenna gain with path Loss (dBi)	Adjusted Power (dBm)	Detection limit (dBm)	EUT Tx Status
802.11ax -HE160	5	6185	6110	-59.21	3.47	-62.68	-62	Ceased
				-62.5	3.47	-65.97	-62	Minimal
				-86.5	3.47	-89.97	-62	Normal
	6	6505	6430	-60.63	3.78	-64.41	-62	Ceased
				-63.5	3.78	-67.28	-62	Minimal
				-87.5	3.78	-91.28	-62	Normal
	7	6665	6590	-60.78	4.25	-65.03	-62	Ceased
				-64	4.25	-68.25	-62	Minimal
				-86	4.25	-90.25	-62	Normal
	8	6985	6910	-59.55	3.15	-62.7	-62	Ceased
				-61	3.15	-64.15	-62	Minimal
				-87	3.15	-90.15	-62	Normal

Mode	UNII Band	Center Frequency (MHz)	Incumbent Frequency (MHz)	Injected (AWGN) Power (dBm)	Adjusted Power (dBm)	1	2	3	4	5	6	7	8	9	10	Detection Probability (%)	Limit (%)
802.11ax-HE20	5	6195	6195	-66.31	-69.78	V	V	V	V	V	V	V	V	V	V	100	90
	6	6475	6475	-66.66	-70.44	V	V	V	V	V	V	V	V	V	V	100	90
	7	6695	6695	-66.85	-71.1	V	V	V	V	V	V	V	V	X	V	90	90
	8	6995	6995	-64.22	-67.37	V	V	V	V	V	V	V	V	V	V	100	90

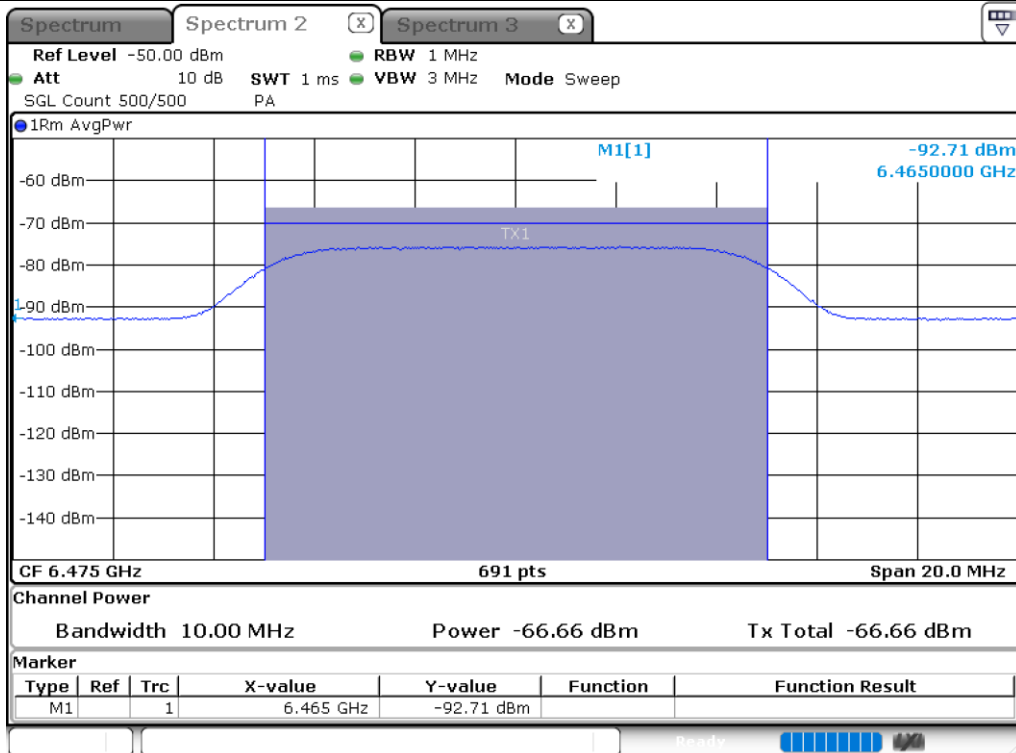
Mode	UNII Band	Center Frequency (MHz)	Incumbent Frequency (MHz)	Injected (AWGN) Power (dBm)	Adjusted Power (dBm)	1	2	3	4	5	6	7	8	9	10	Detection Probability (%)	Limit (%)
802.11ax-HE160	5	6185	6110	-59.21	-62.68	V	V	V	V	V	X	V	V	V	V	90	90
			6180	-65.5	-68.97	V	V	V	V	V	V	V	V	V	V	100	90
			6260	-63.5	-66.97	V	V	V	V	V	V	V	V	V	V	100	90
	6	6505	6430	-60.63	-64.41	V	V	V	V	V	V	X	V	V	V	90	90
			6500	-67	-70.78	V	V	V	V	V	V	V	V	V	V	100	90
			6580	-63	-66.78	V	V	V	V	V	X	V	V	V	V	90	90
	7	6665	6590	-60.78	-65.03	V	V	V	V	V	V	V	X	V	V	90	90
			6660	-65	-69.25	V	V	V	V	V	V	V	V	V	V	100	90
			6740	-64.5	-68.75	V	V	V	V	X	V	V	V	V	V	90	90
	8	6985	6910	-59.55	-62.7	V	V	V	V	V	X	V	V	V	V	90	90
			6980	-64.5	-67.65	V	V	V	V	V	V	V	V	V	V	100	90
			7060	-62.5	-65.65	V	V	V	V	V	V	V	V	V	V	100	90

Test plot of Incumbent signal

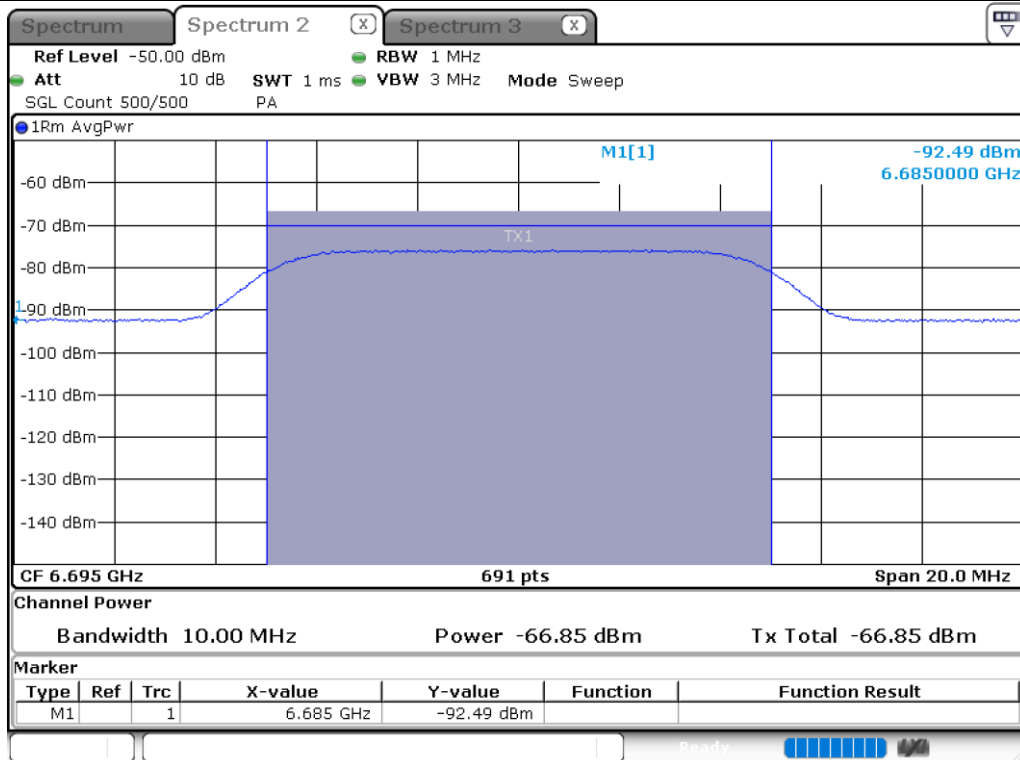
BW: 20 MHz / Frequency : 6195 MHz



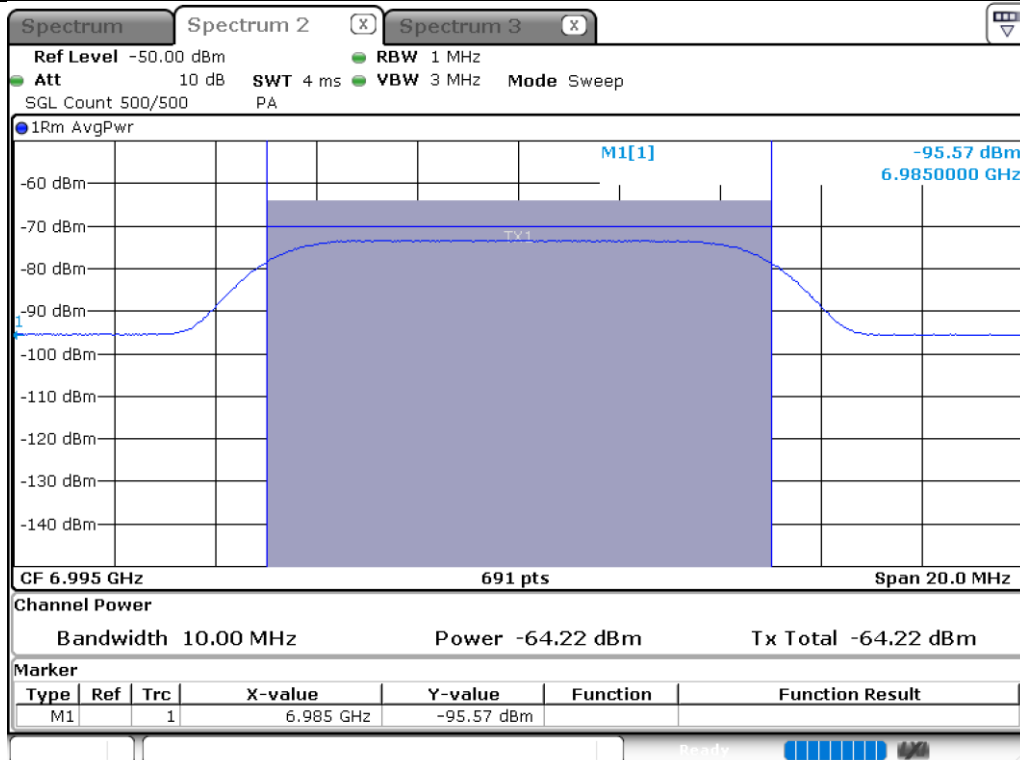
BW: 20 MHz / Frequency : 6475 MHz



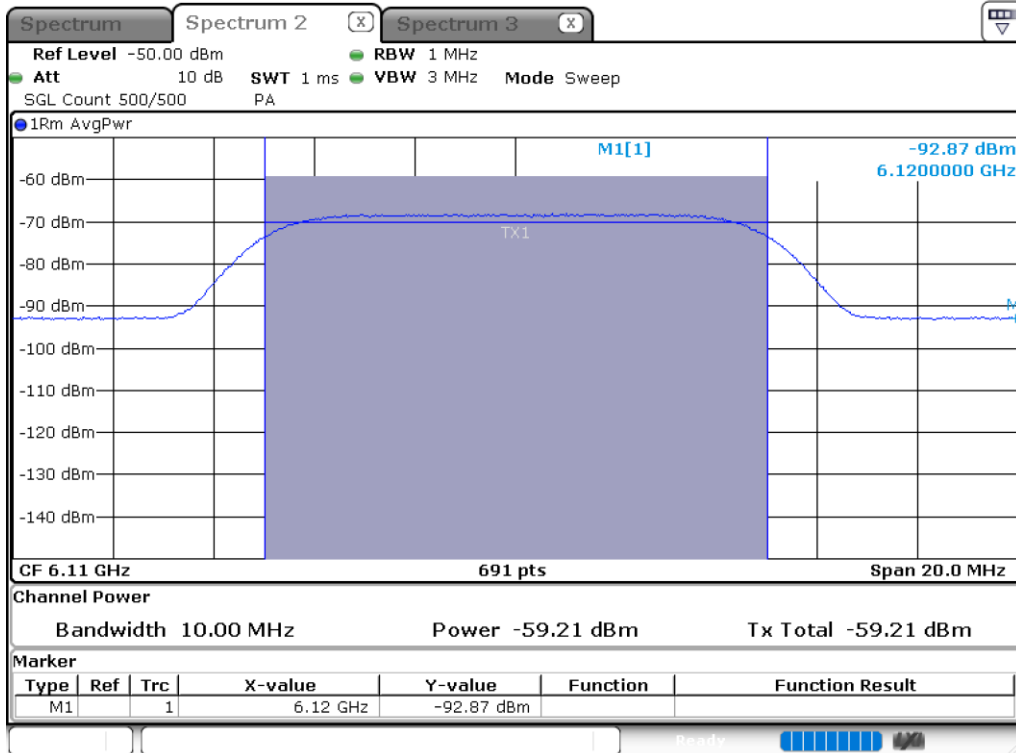
BW: 20 MHz / Frequency : 6695 MHz



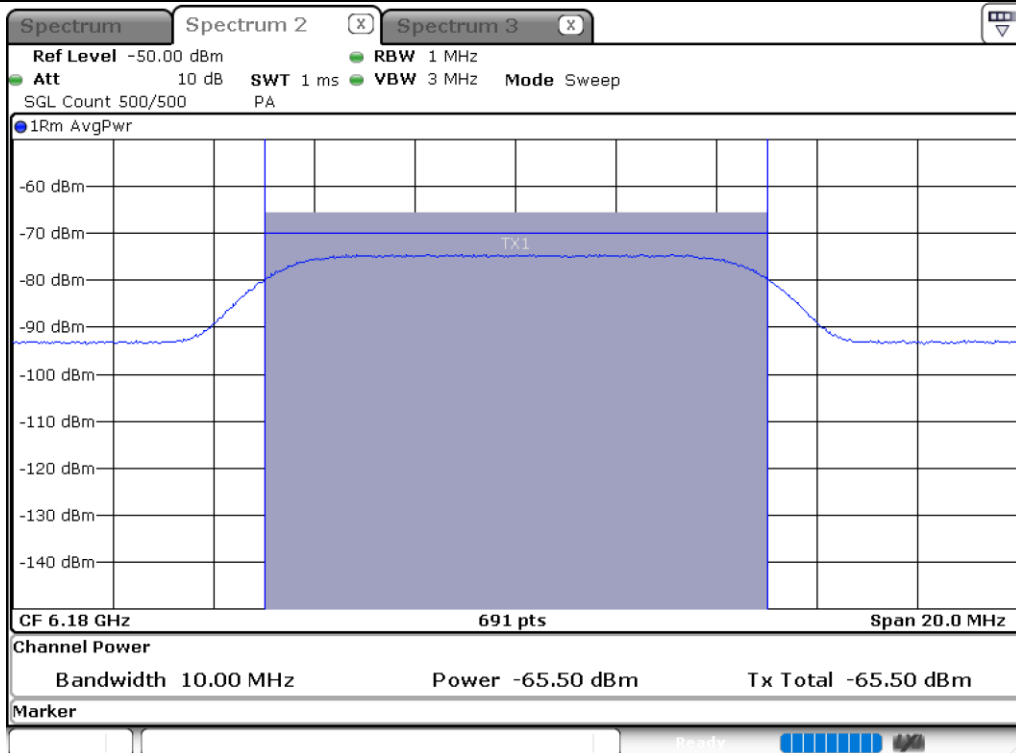
BW: 20 MHz / Frequency : 6995 MHz



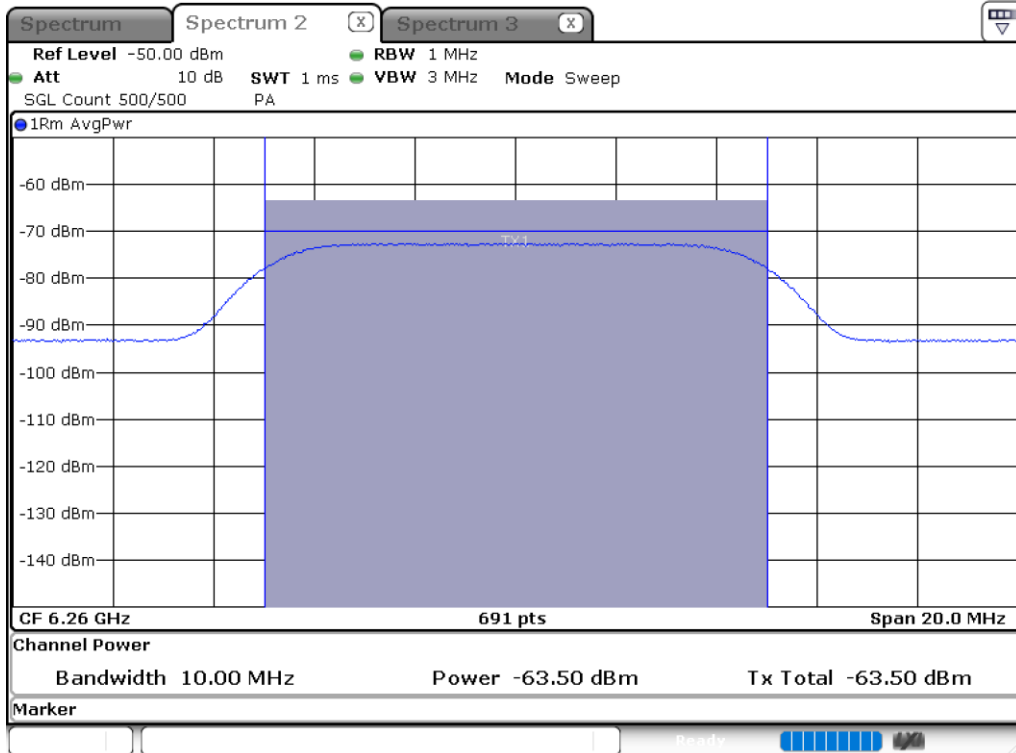
BW: 160 MHz / Frequency : 6110 MHz



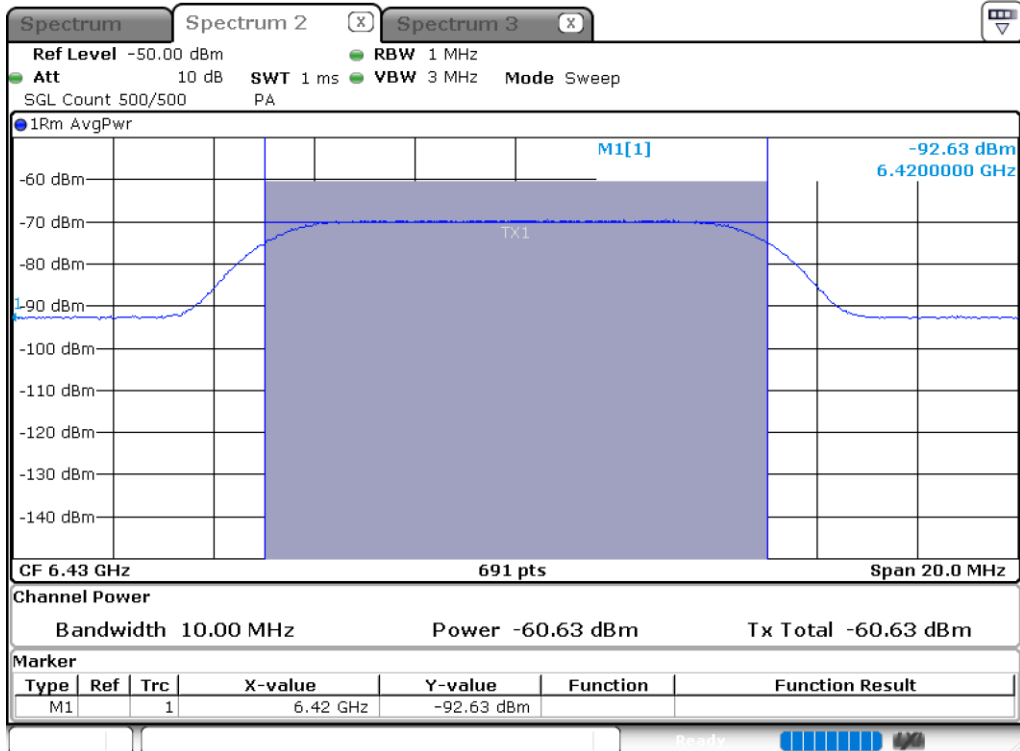
BW: 160 MHz / Frequency : 6180 MHz



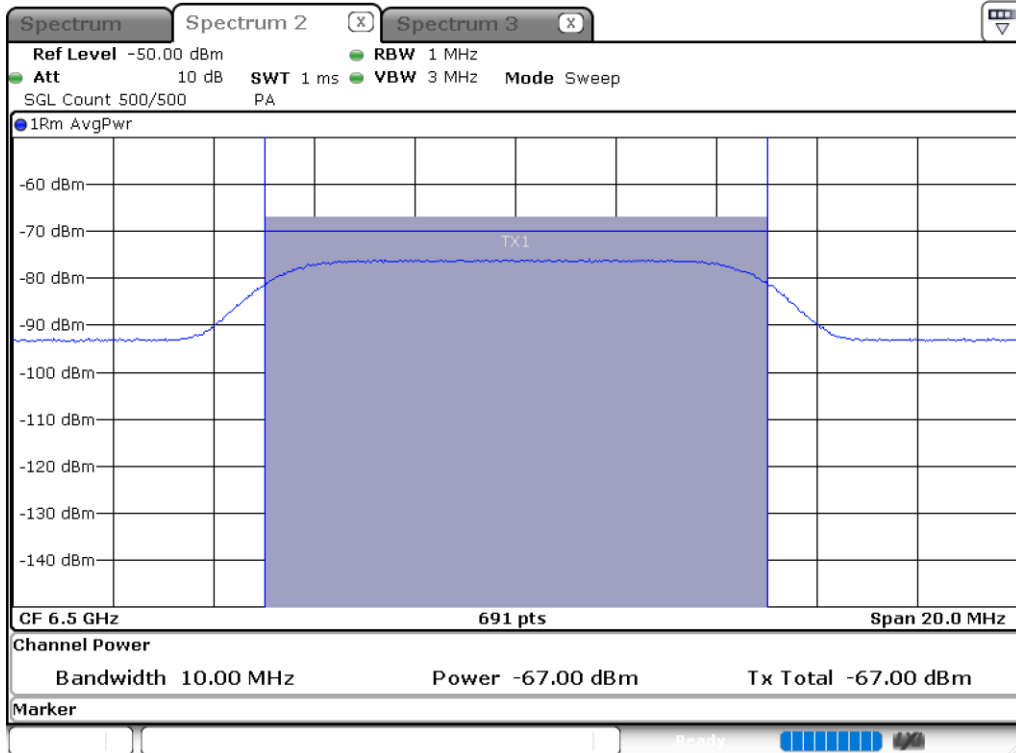
BW: 160 MHz / Frequency : 6260 MHz



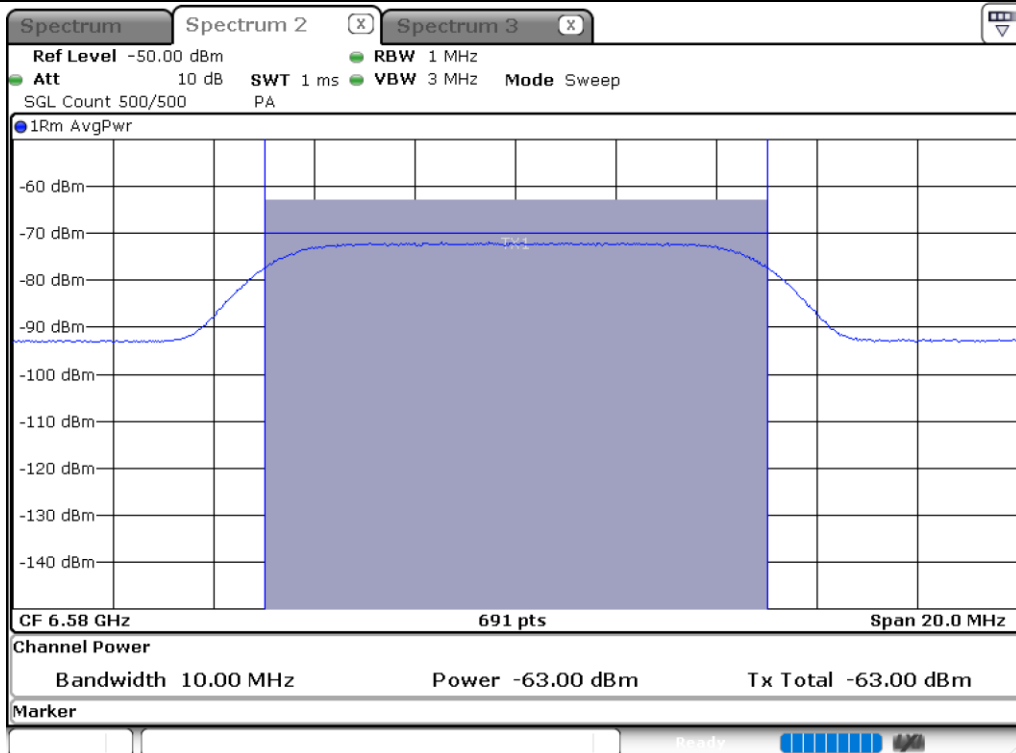
BW: 160 MHz / Frequency : 6430 MHz



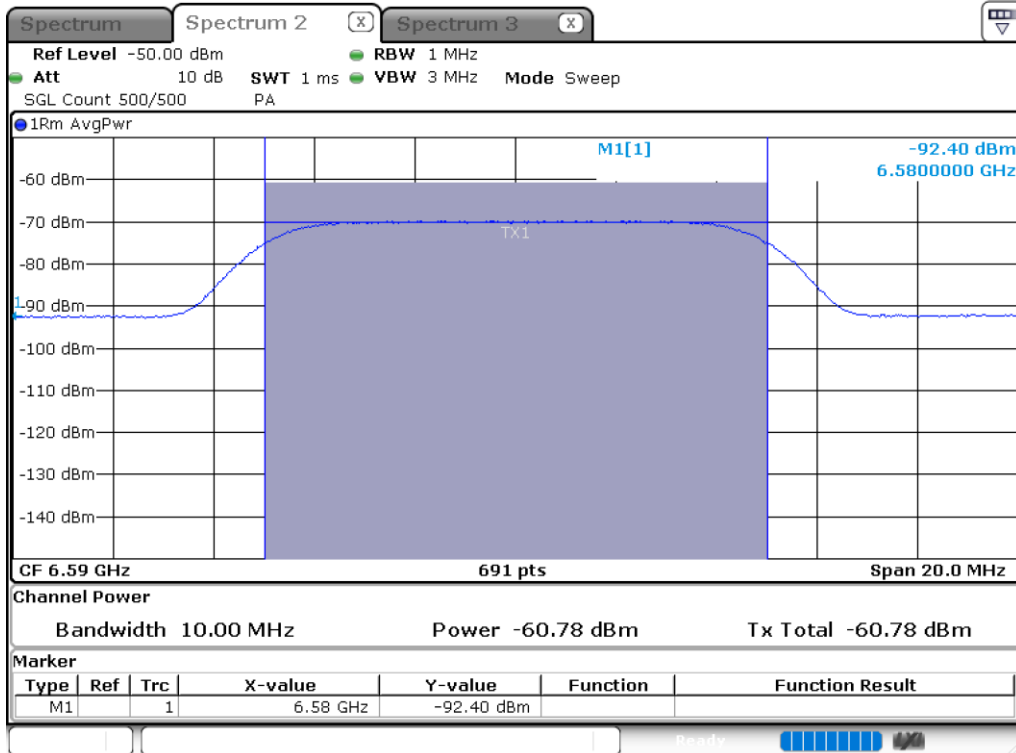
BW: 160 MHz / Frequency : 6500 MHz



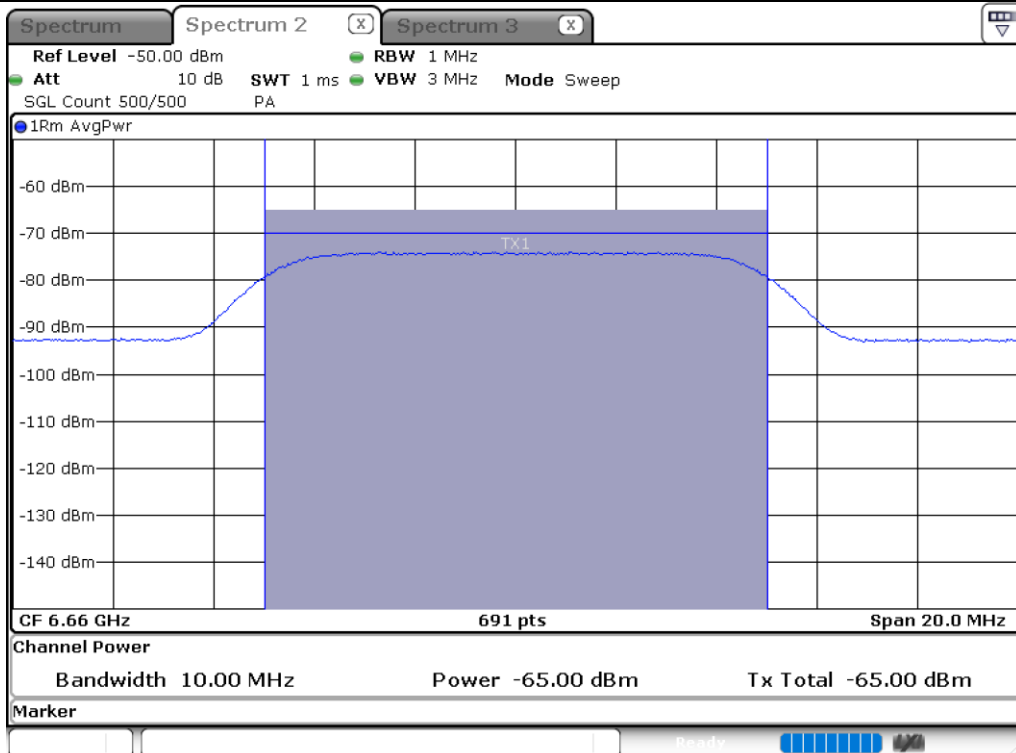
BW: 160 MHz / Frequency : 6580 MHz



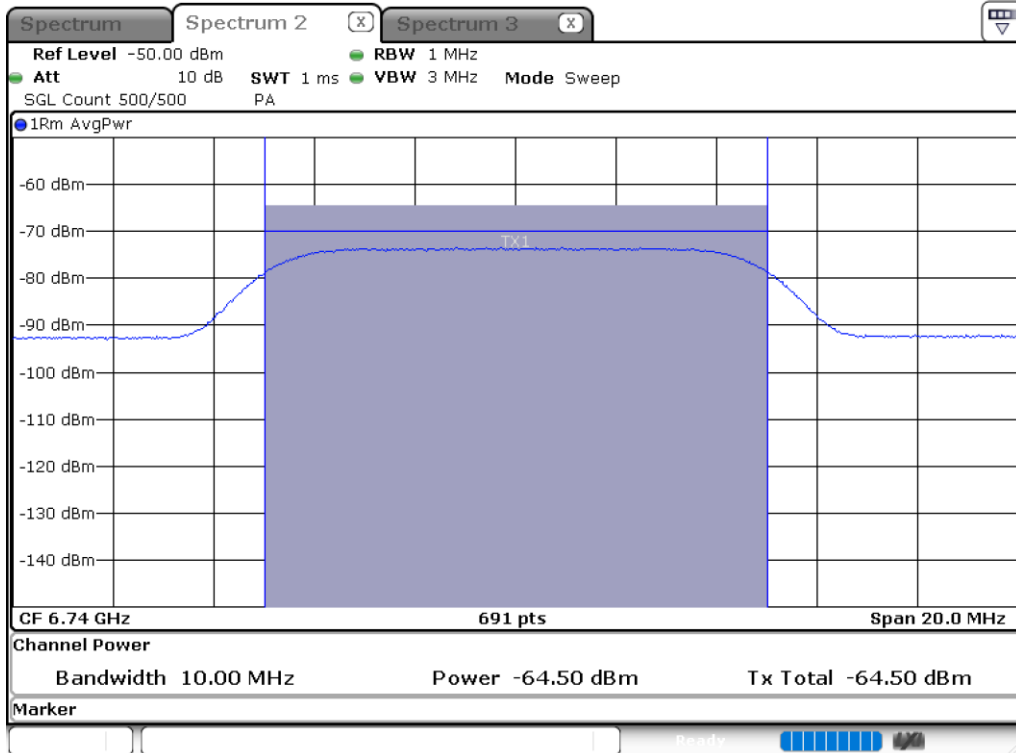
BW: 160 MHz / Frequency : 6590 MHz



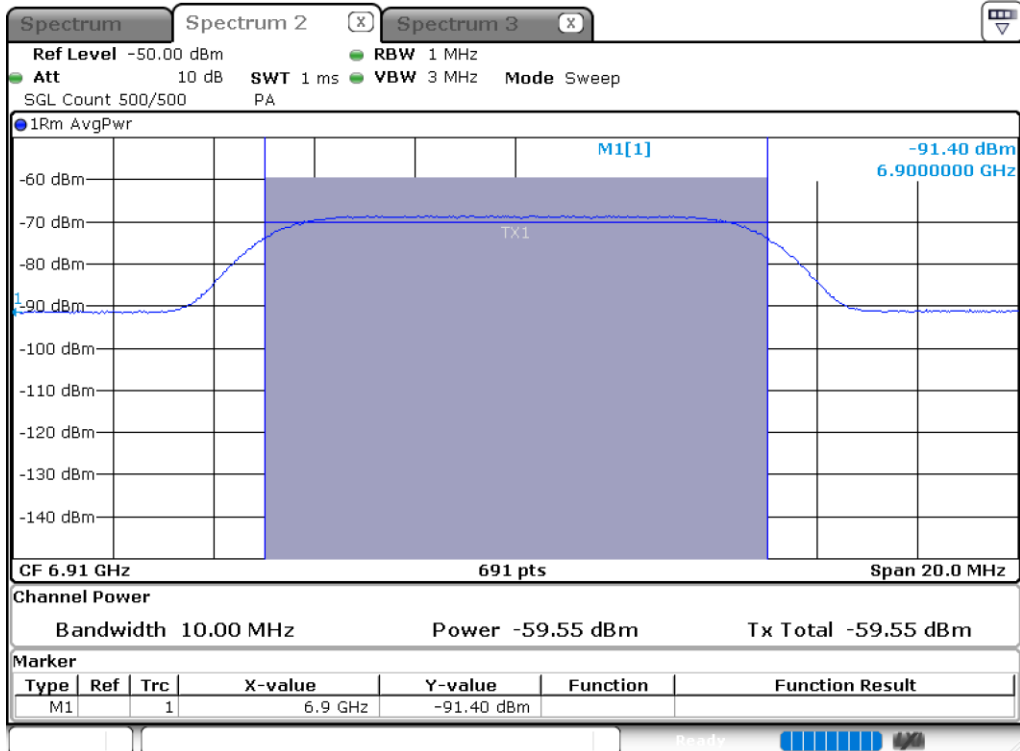
BW: 160 MHz / Frequency : 6660 MHz



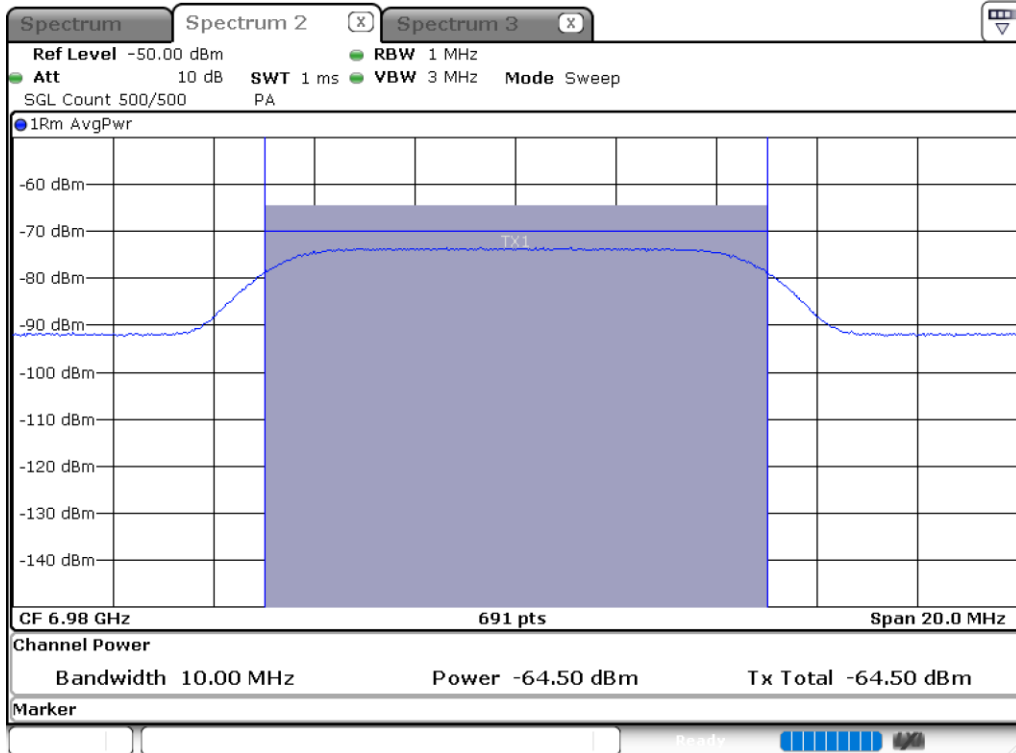
BW: 160 MHz / Frequency : 6740 MHz



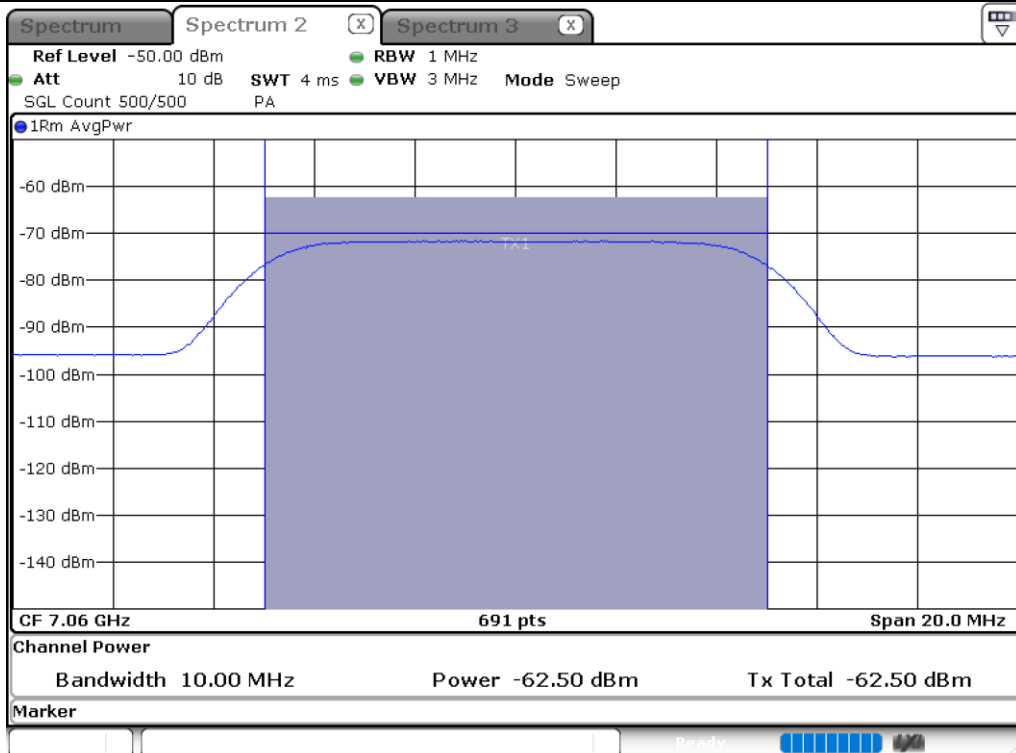
BW: 160 MHz / Frequency : 6910 MHz



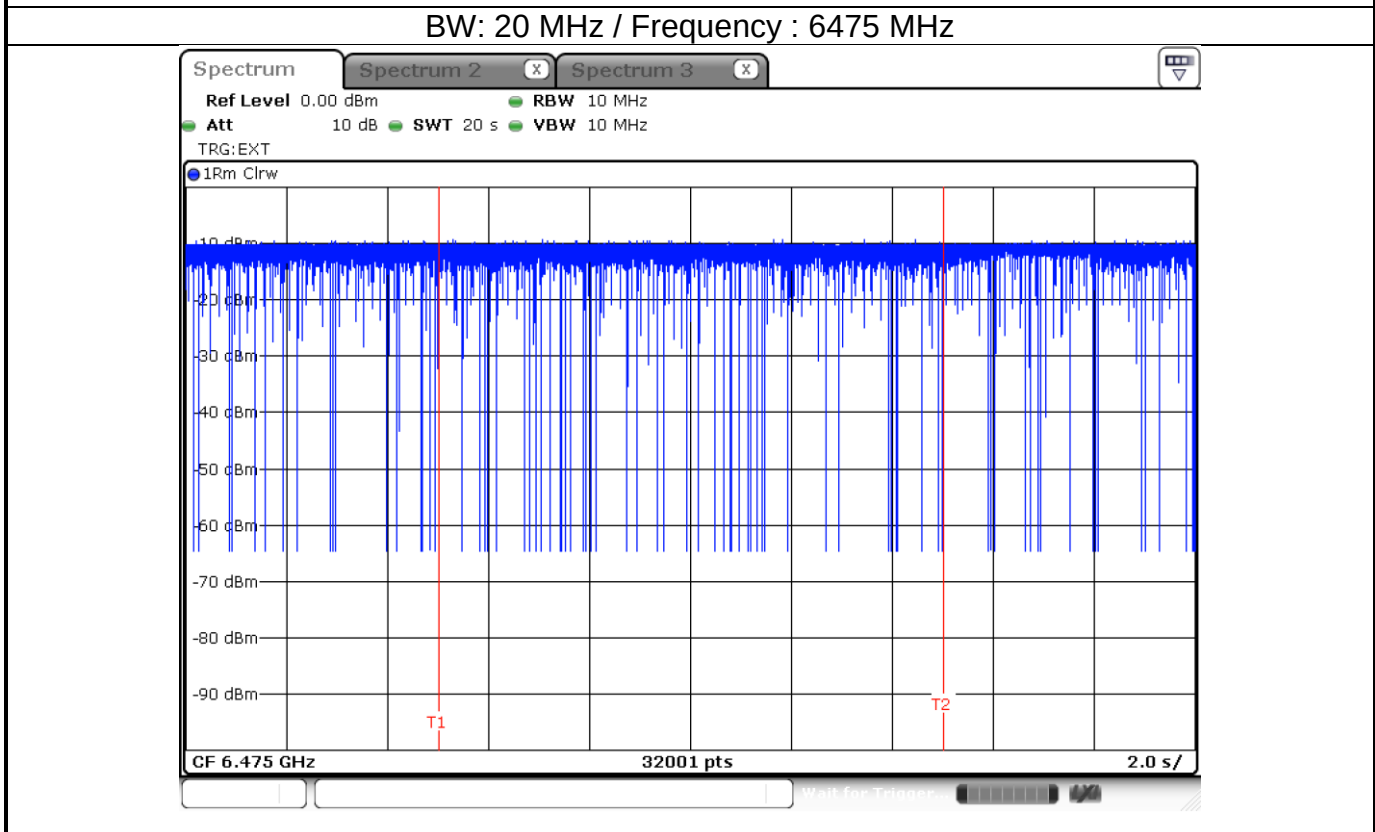
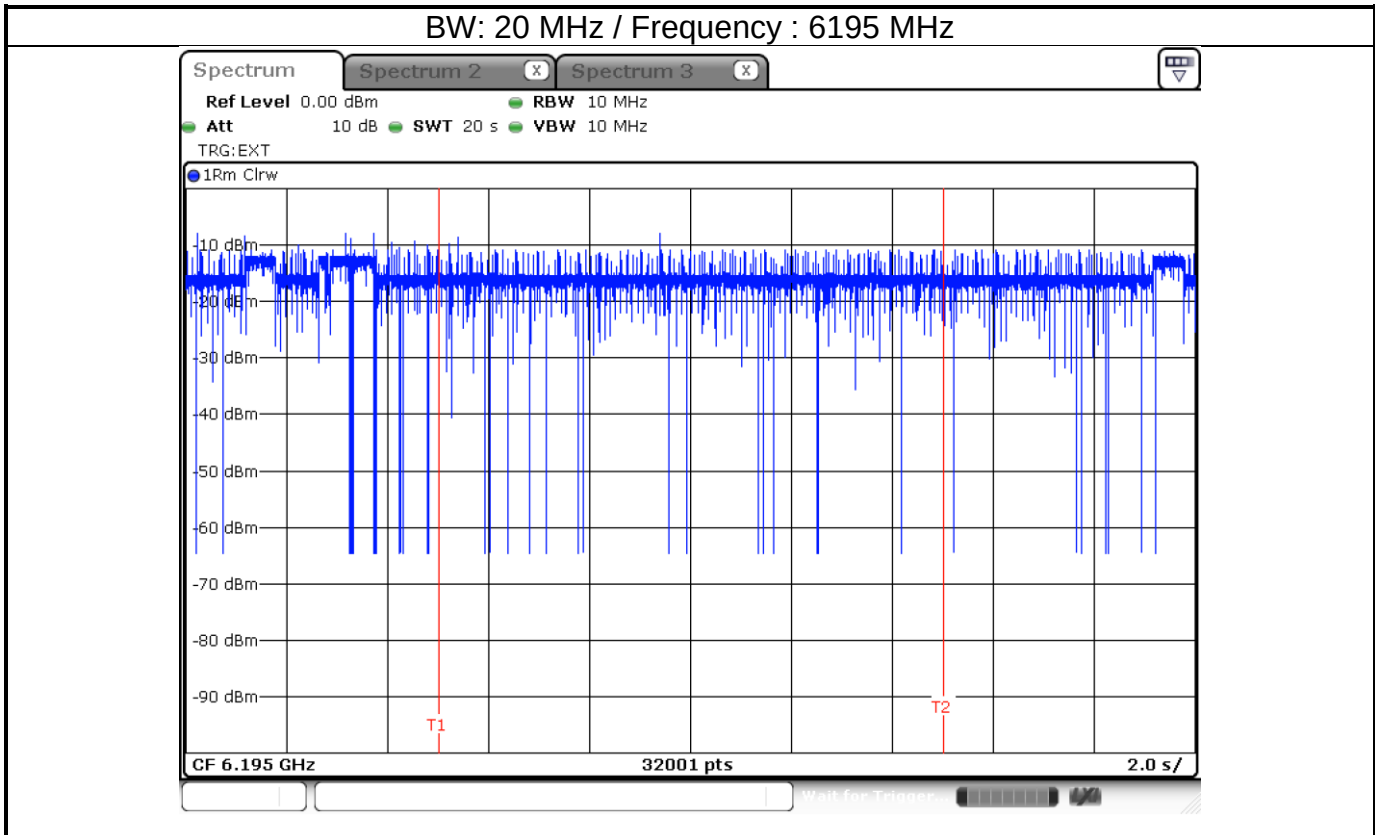
BW: 160 MHz / Frequency : 6980 MHz



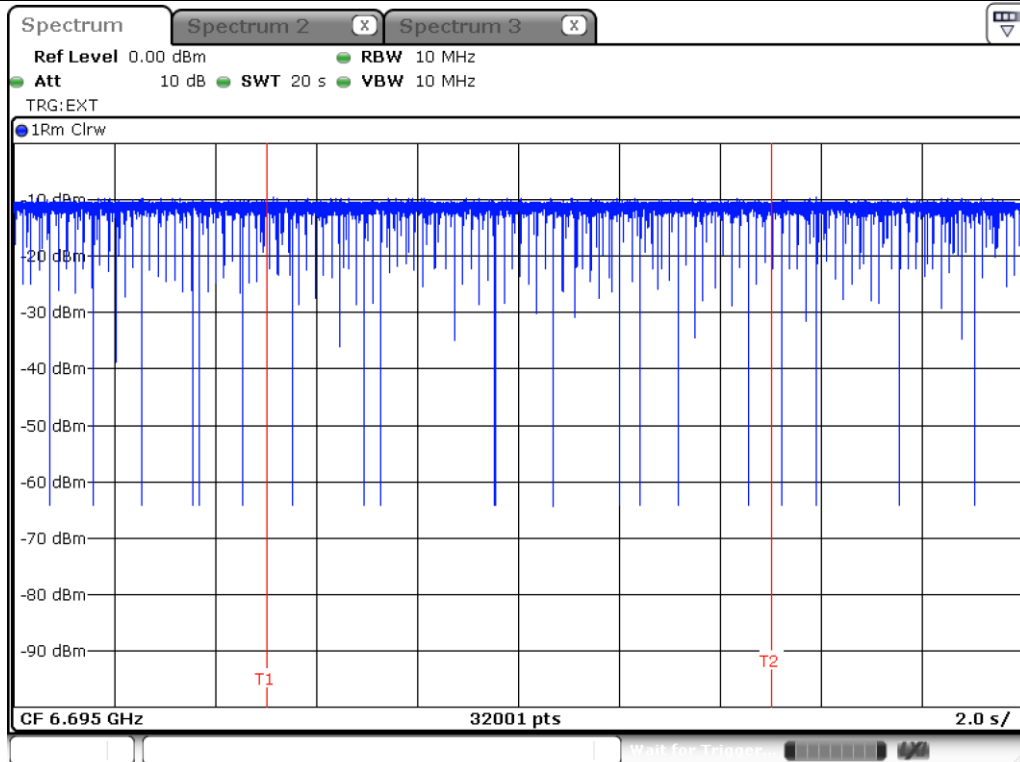
BW: 160 MHz / Frequency : 7060 MHz



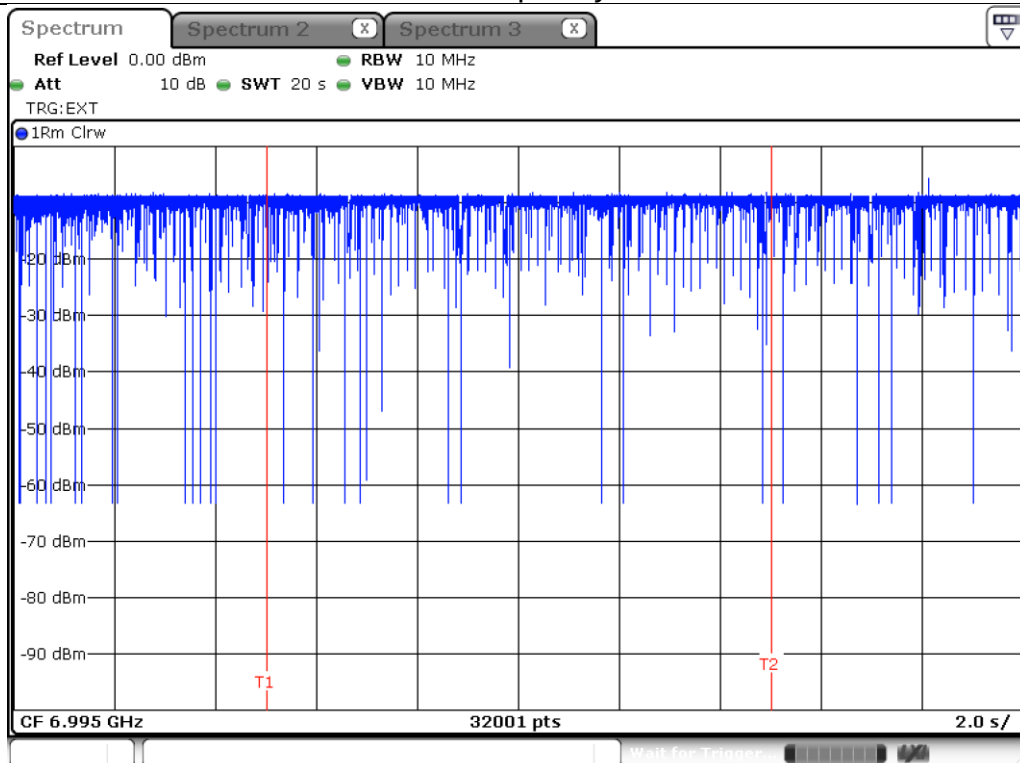
Test plot of Contention Based Protocol EUT Normal transmission



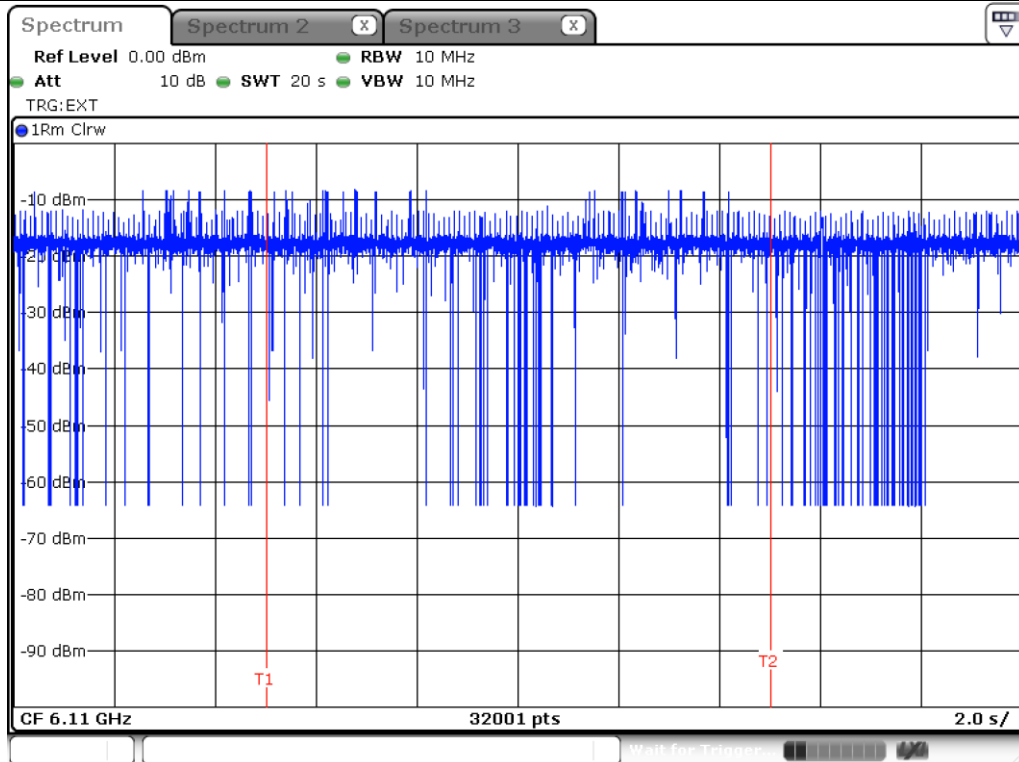
BW: 20 MHz / Frequency : 6695 MHz



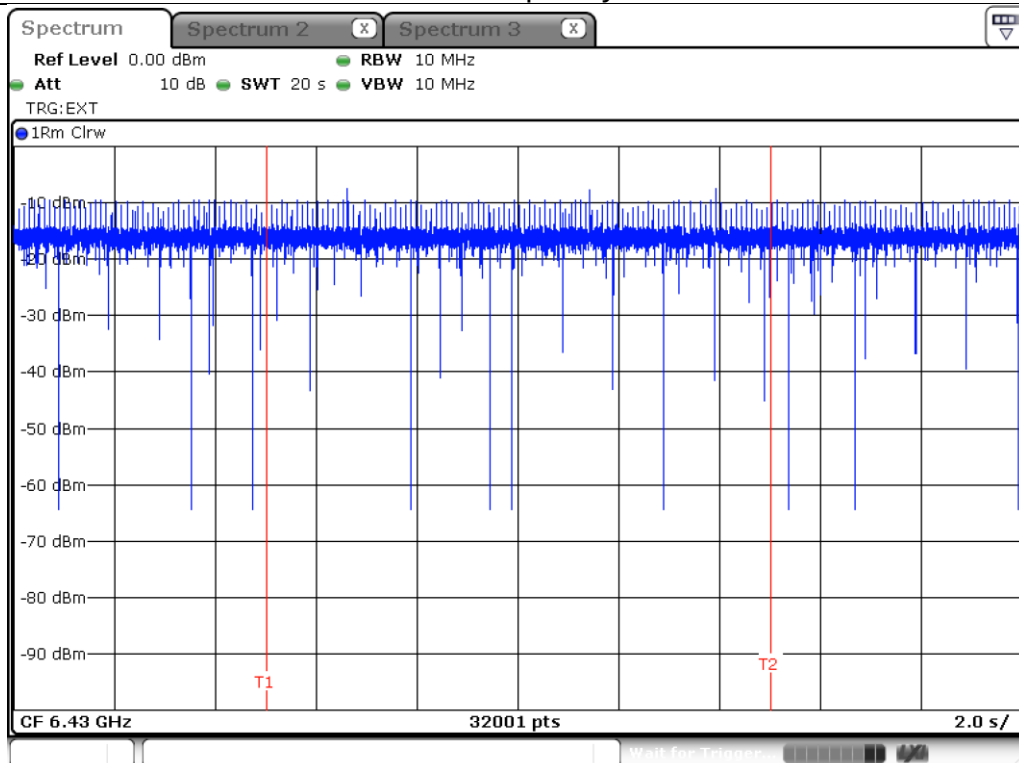
BW: 20 MHz / Frequency : 6995 MHz



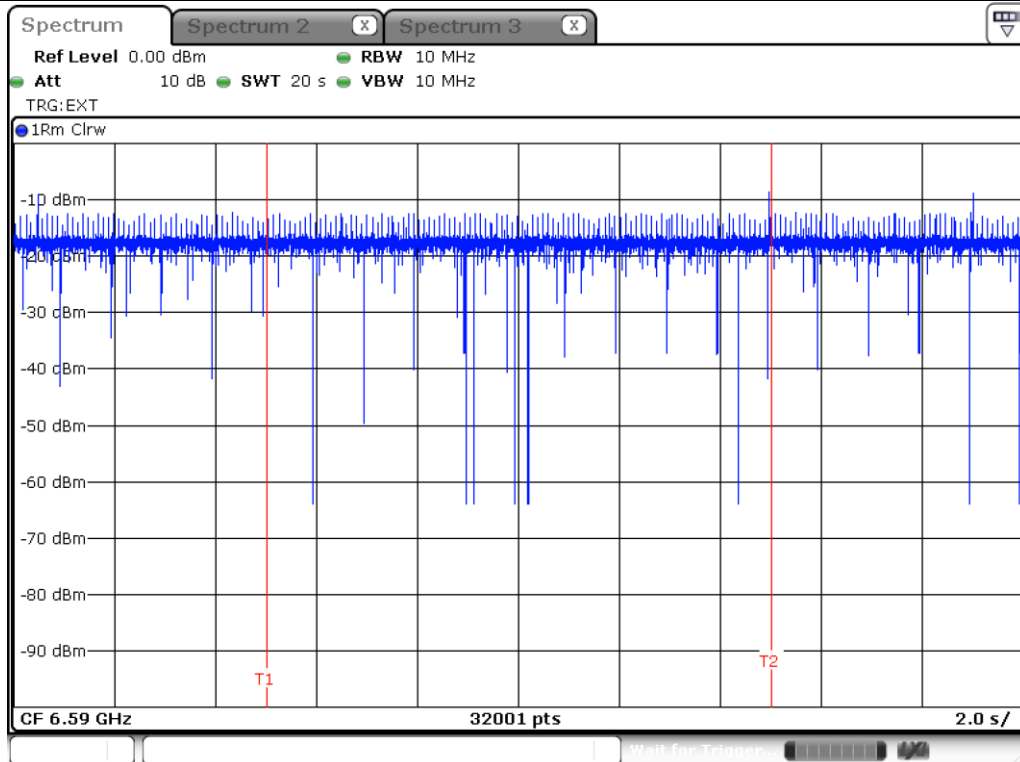
BW: 160 MHz / Frequency : 6110 MHz



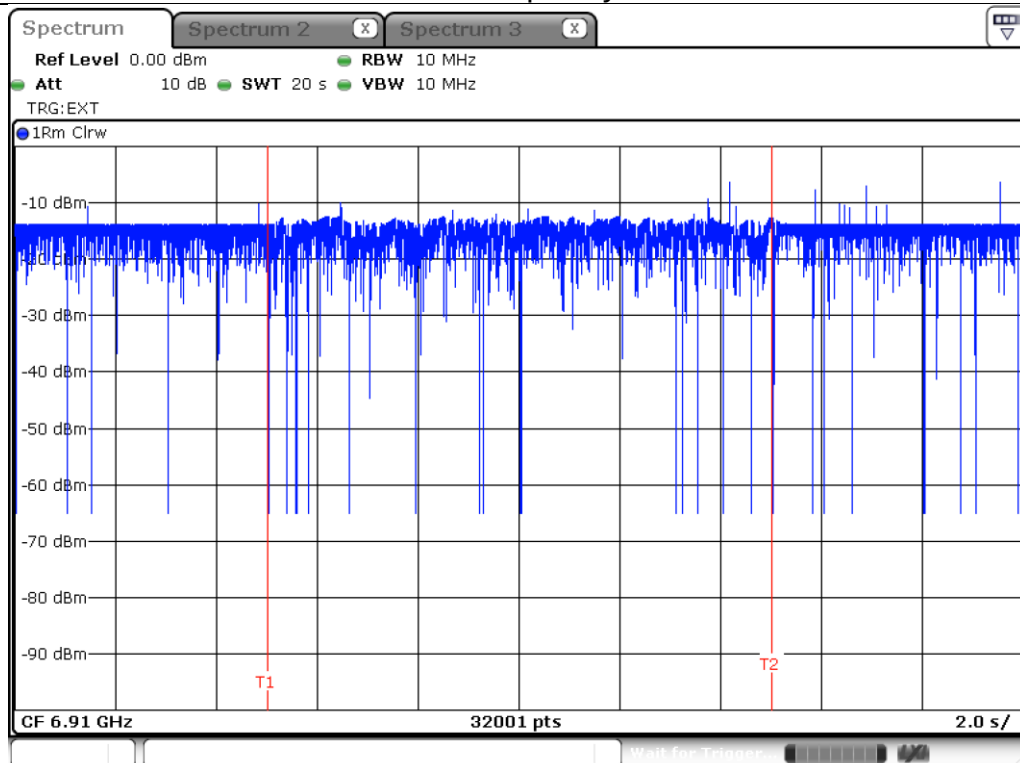
BW: 160 MHz / Frequency : 6430 MHz



BW: 160 MHz / Frequency : 6590 MHz

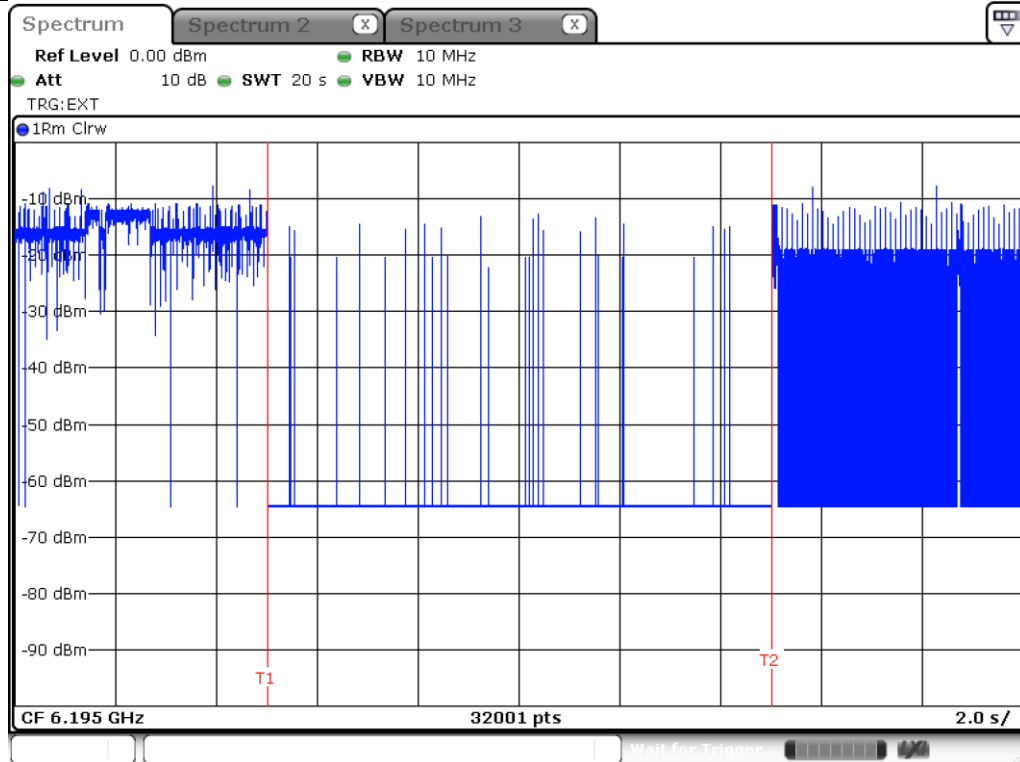


BW: 160 MHz / Frequency : 6910 MHz

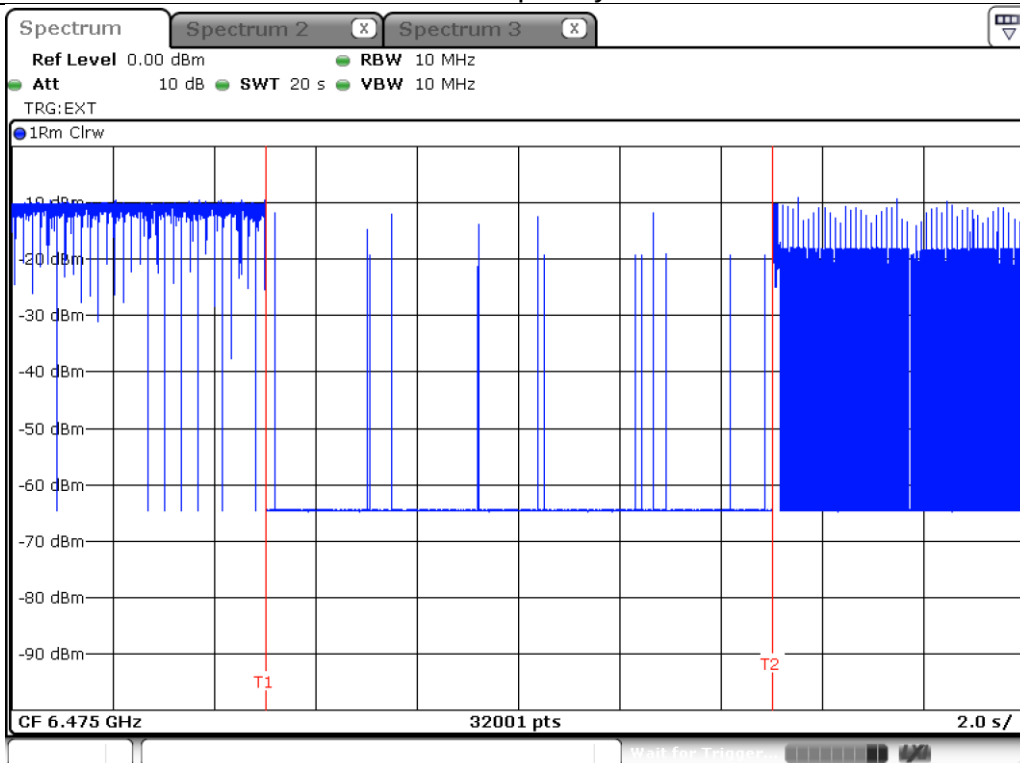


EUT Minimal transmission

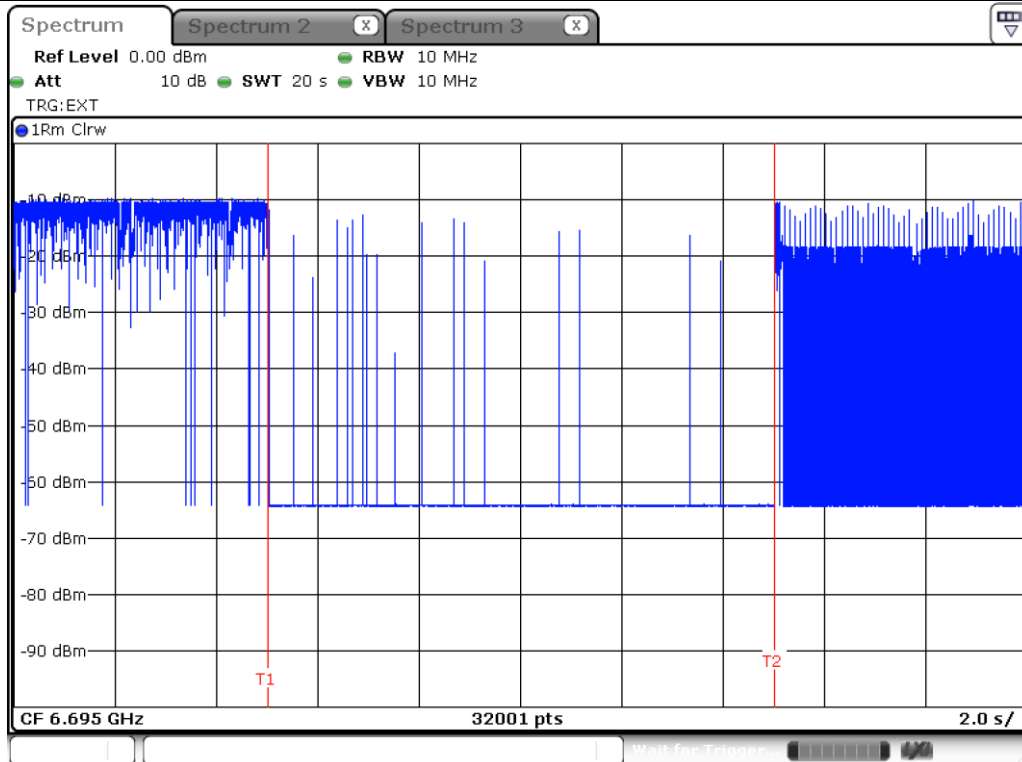
BW: 20 MHz / Frequency : 6195 MHz



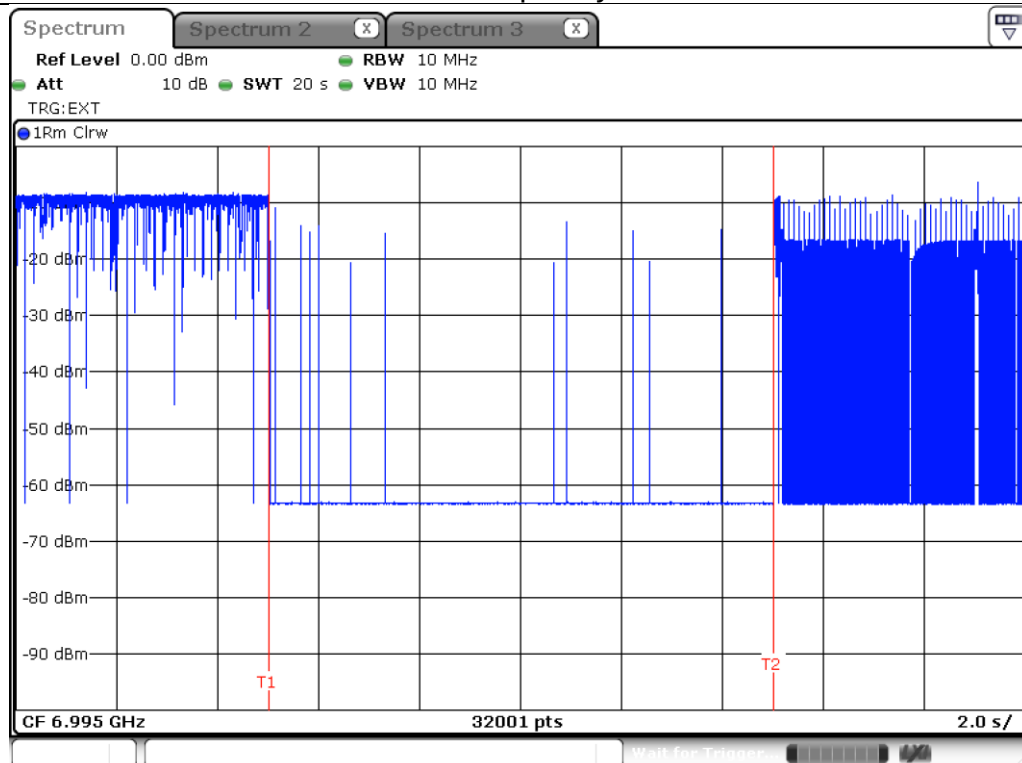
BW: 20 MHz / Frequency : 6475 MHz



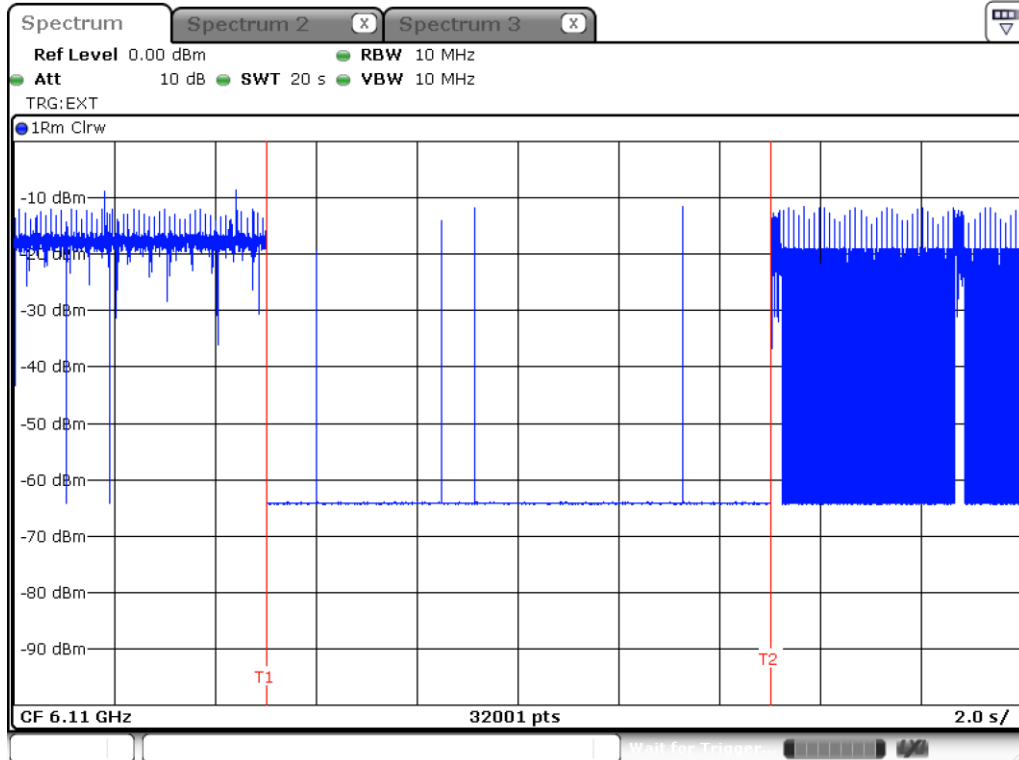
BW: 20 MHz / Frequency : 6695 MHz



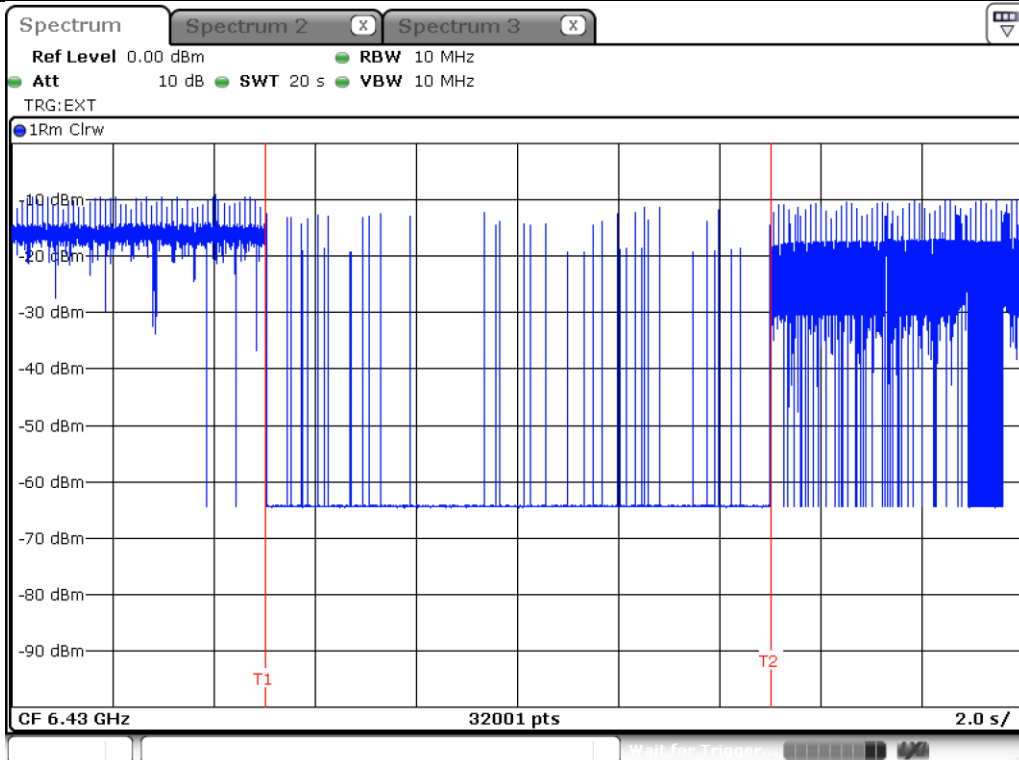
BW: 20 MHz / Frequency : 6995 MHz



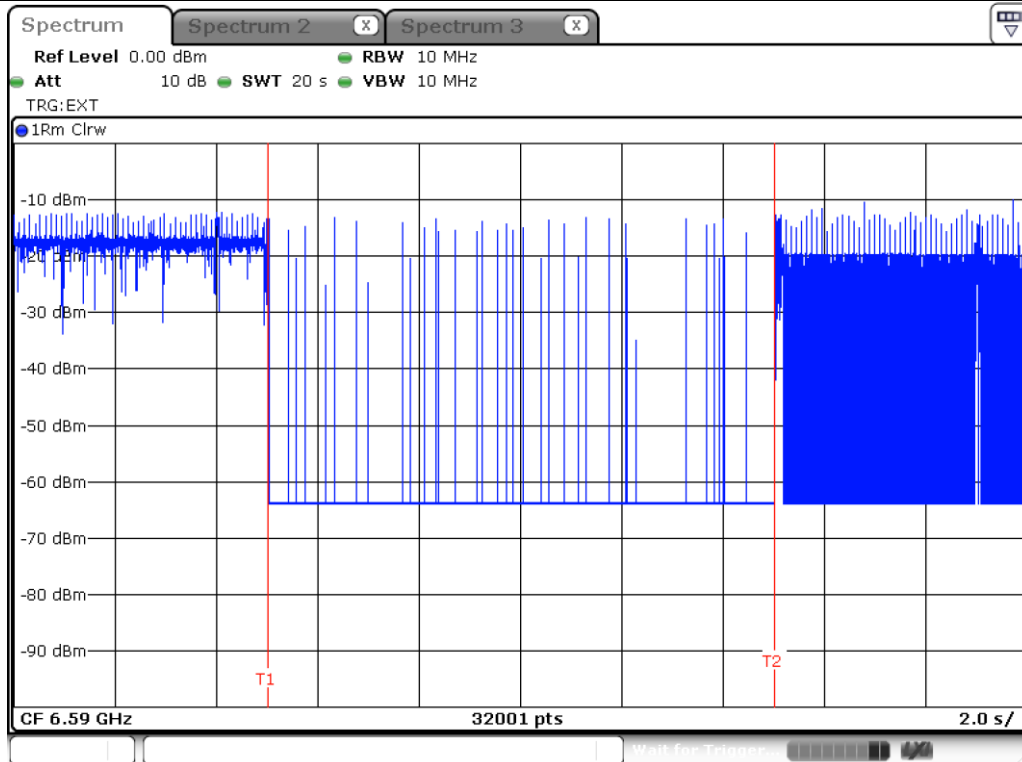
BW: 160 MHz / Frequency : 6110 MHz



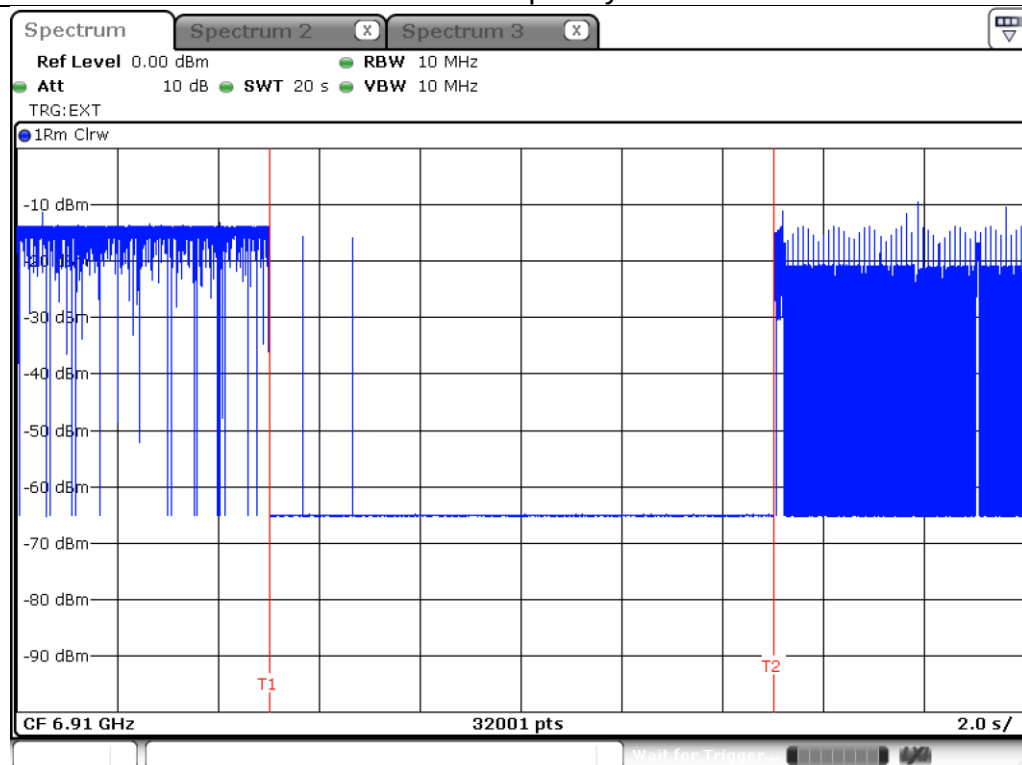
BW: 160 MHz / Frequency : 6430 MHz



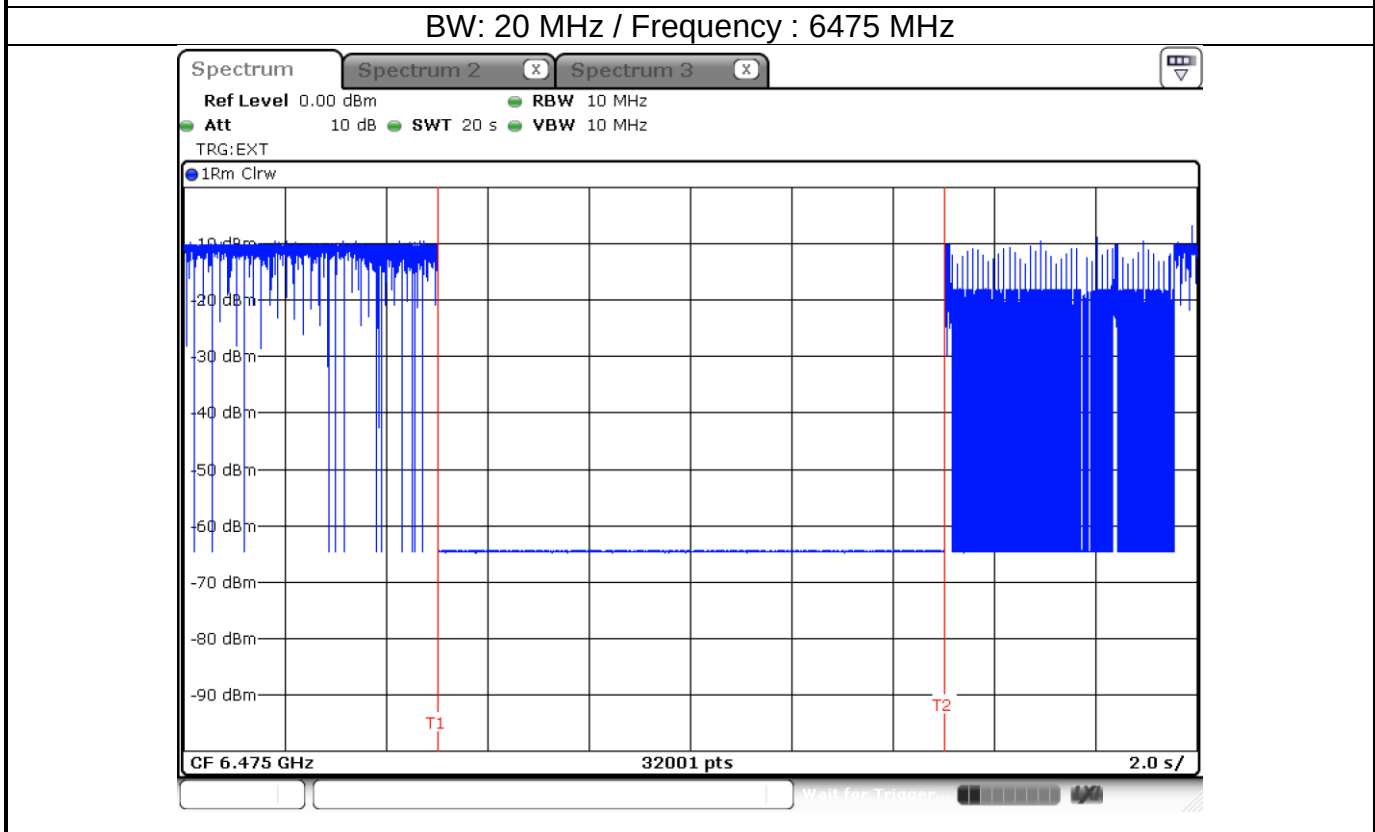
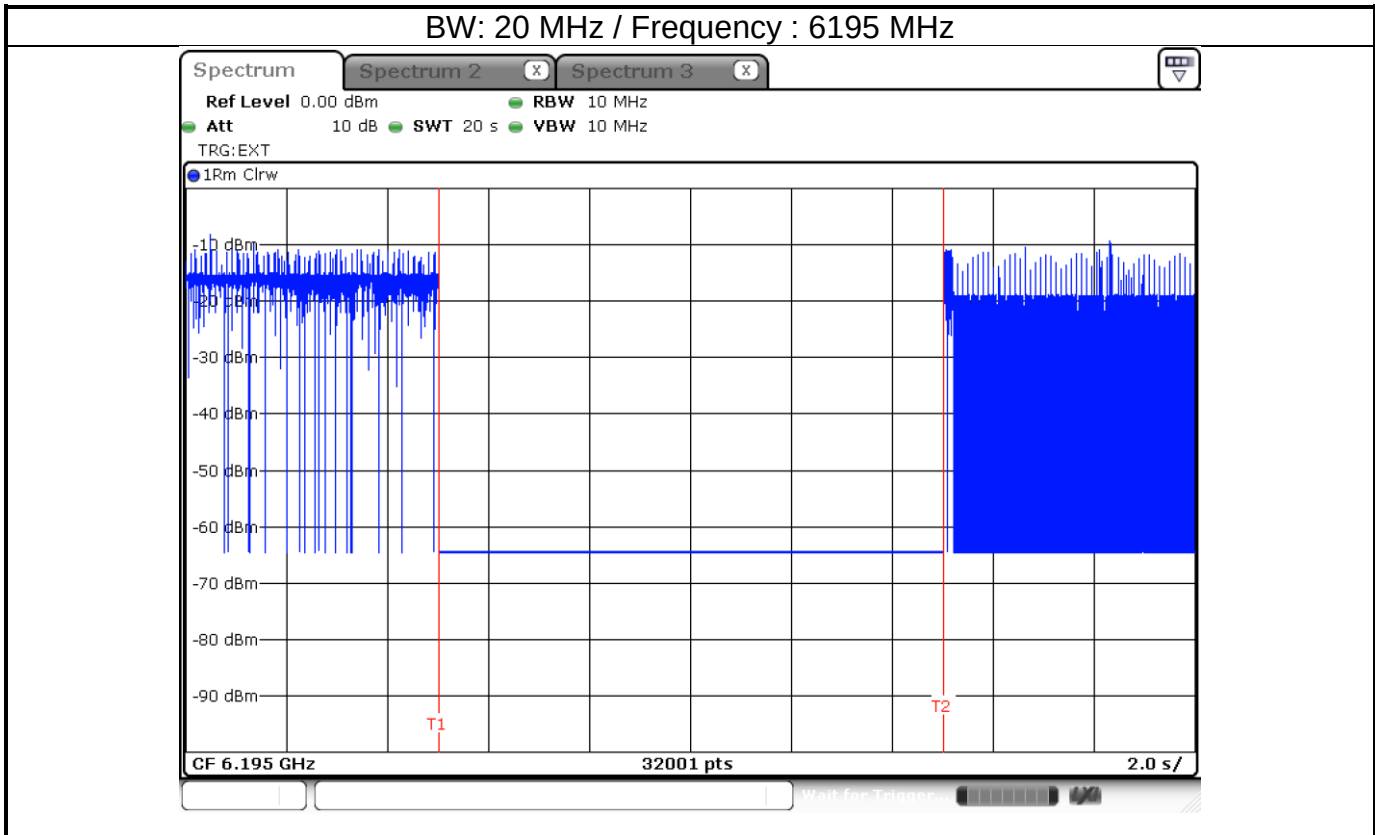
BW: 160 MHz / Frequency : 6590 MHz



BW: 160 MHz / Frequency : 6910 MHz

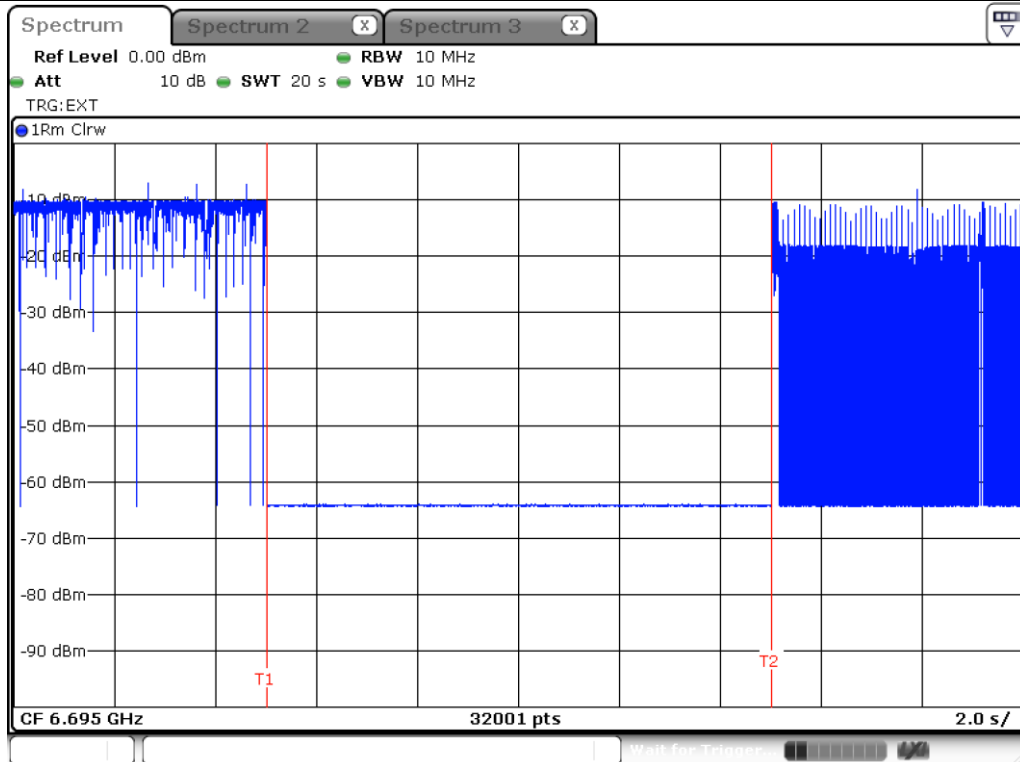


EUT ceased transmission

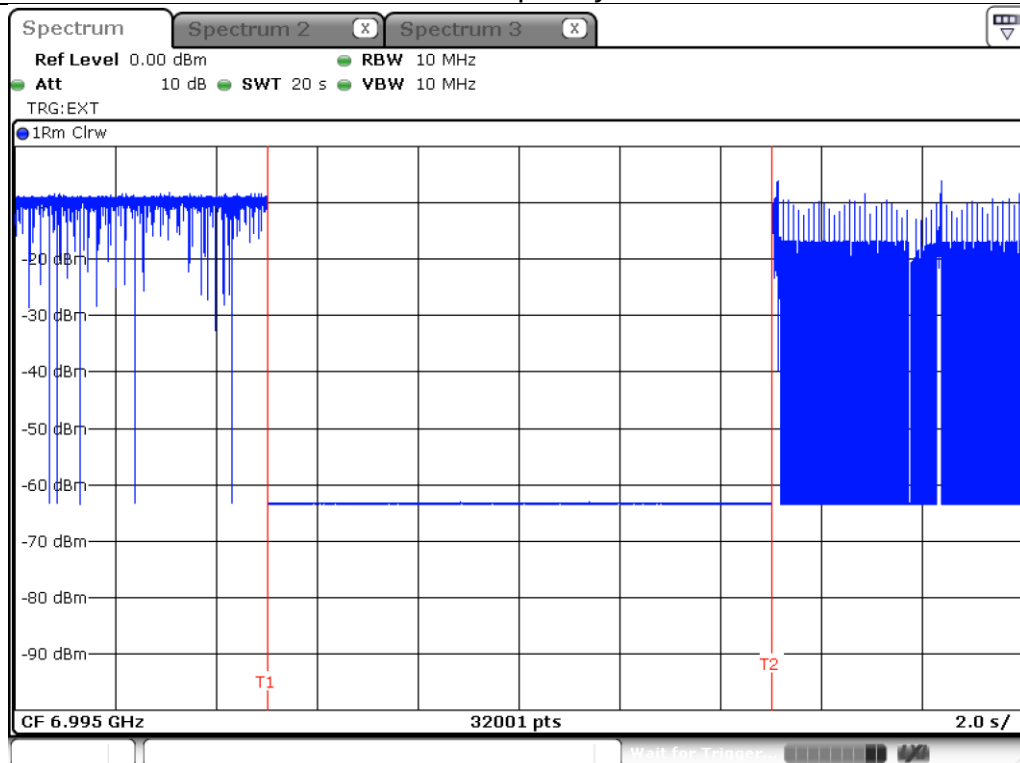


Note: T1: AWGN signal is injected, T2: AWGN signal is removed.

BW: 20 MHz / Frequency : 6695 MHz

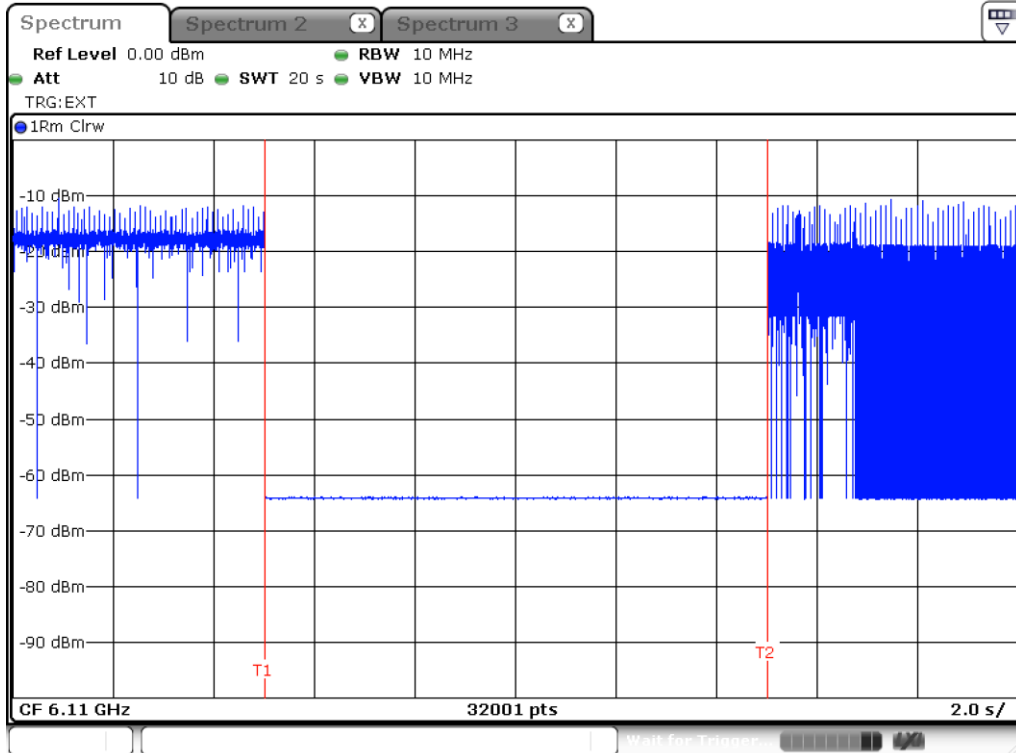


BW: 20 MHz / Frequency : 6995 MHz

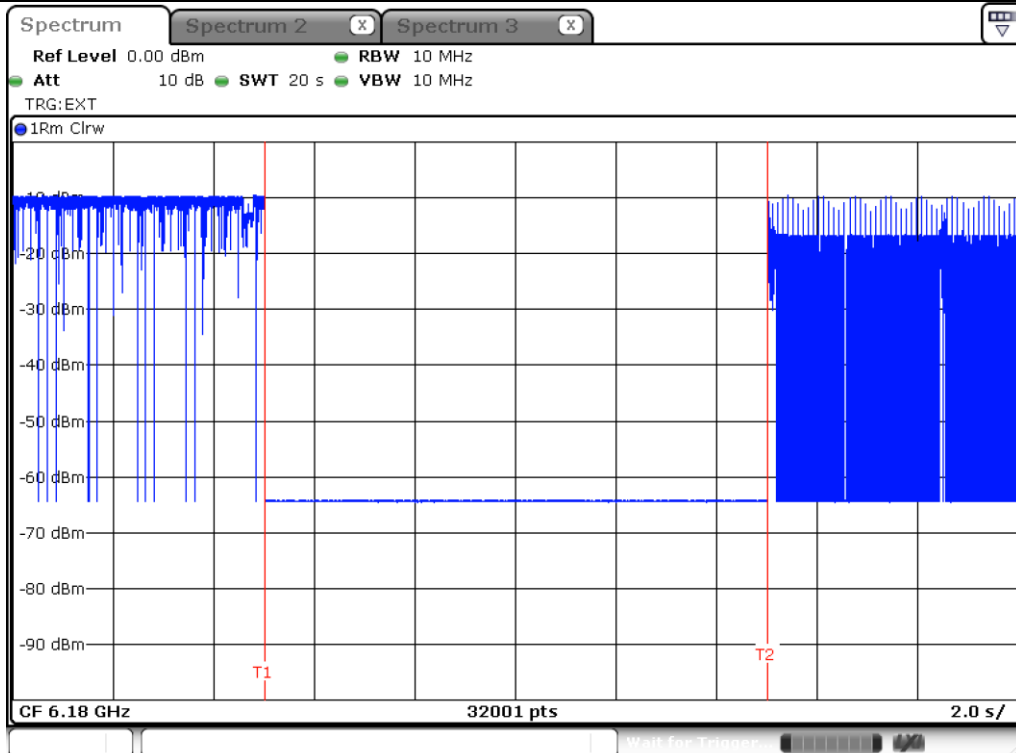


Note: T1: AWGN signal is injected, T2: AWGN signal is removed.

BW: 160 MHz / Frequency : 6110 MHz

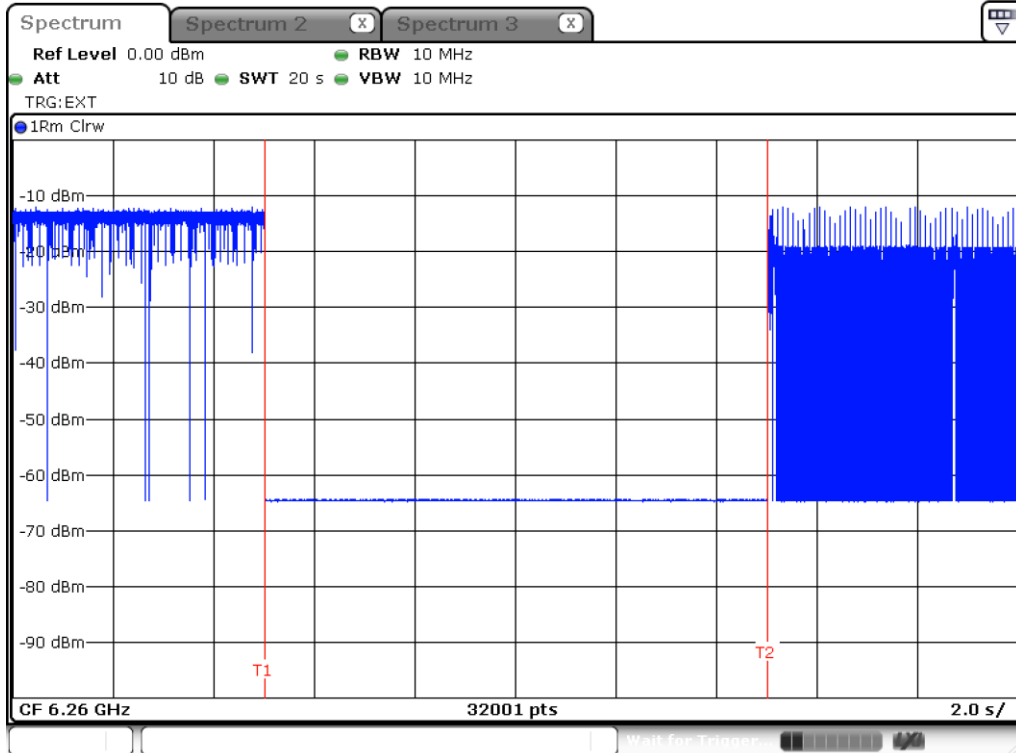


BW: 160 MHz / Frequency : 6180 MHz

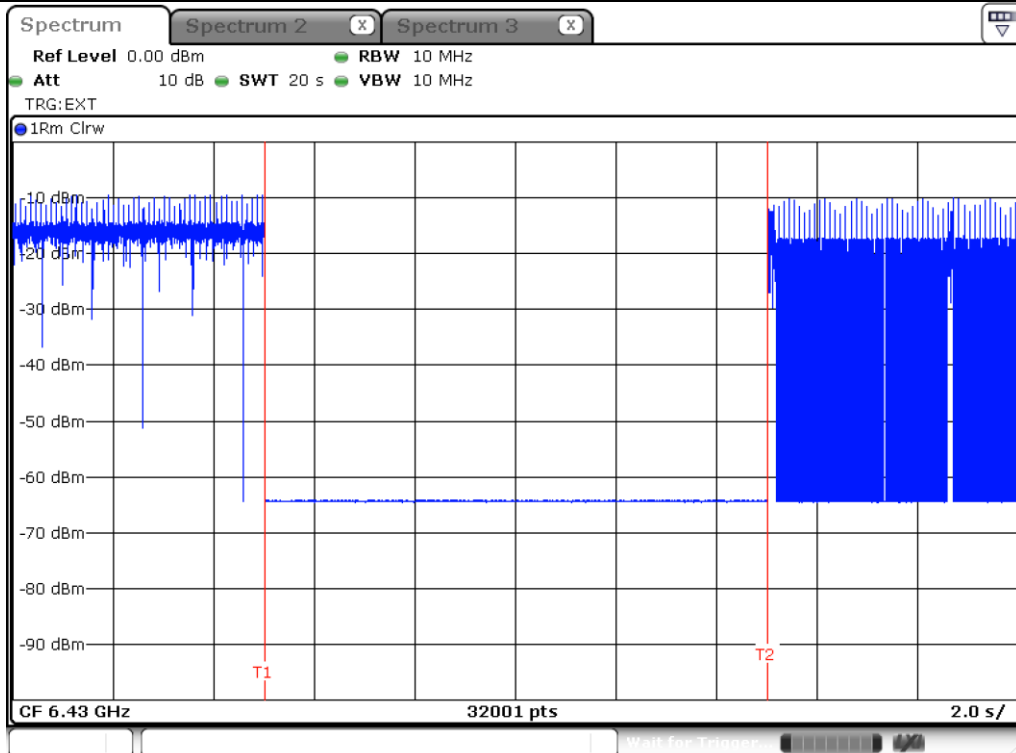


Note: T1: AWGN signal is injected, T2: AWGN signal is removed.

BW: 160 MHz / Frequency : 6260 MHz

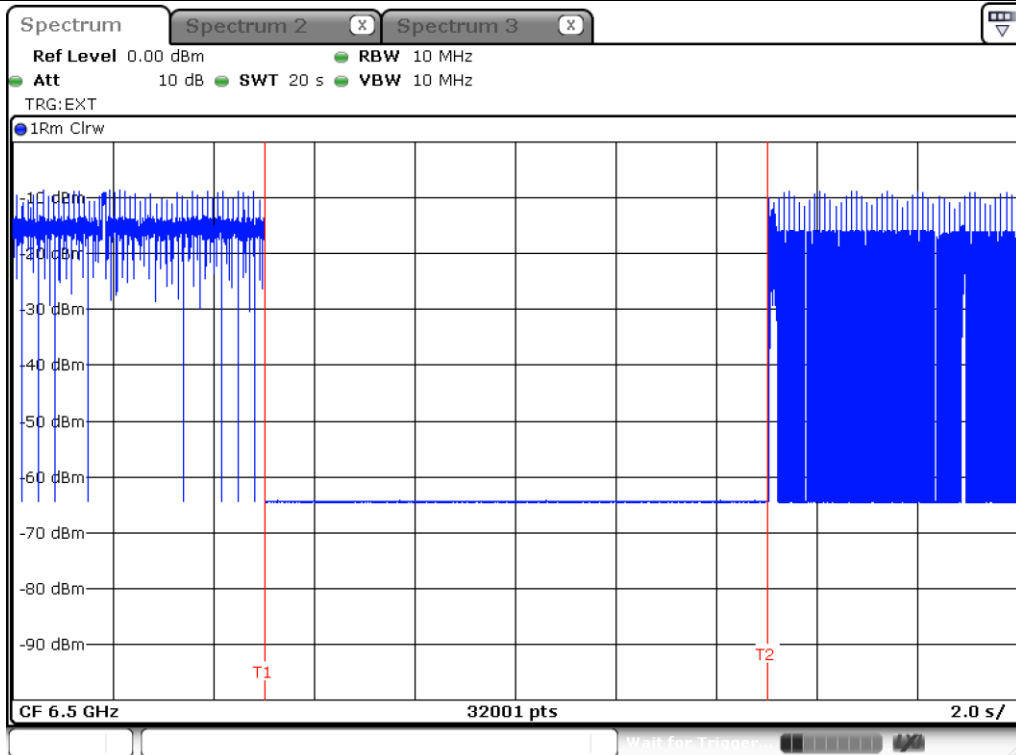


BW: 160 MHz / Frequency : 6430 MHz

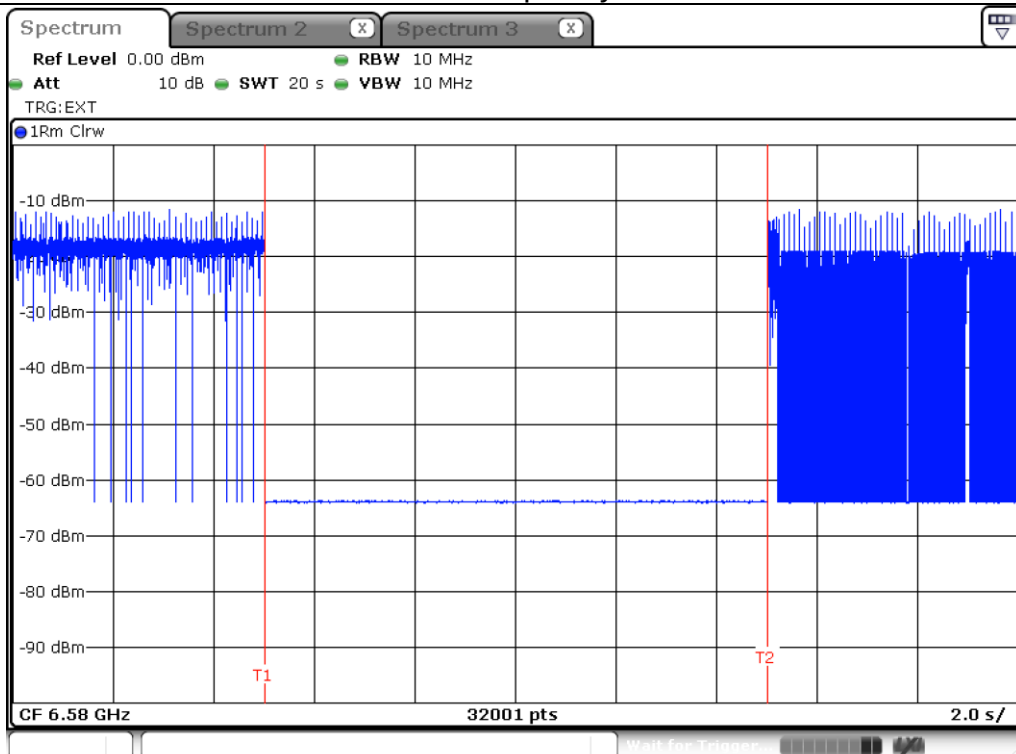


Note: T1: AWGN signal is injected, T2: AWGN signal is removed.

BW: 160 MHz / Frequency : 6500 MHz

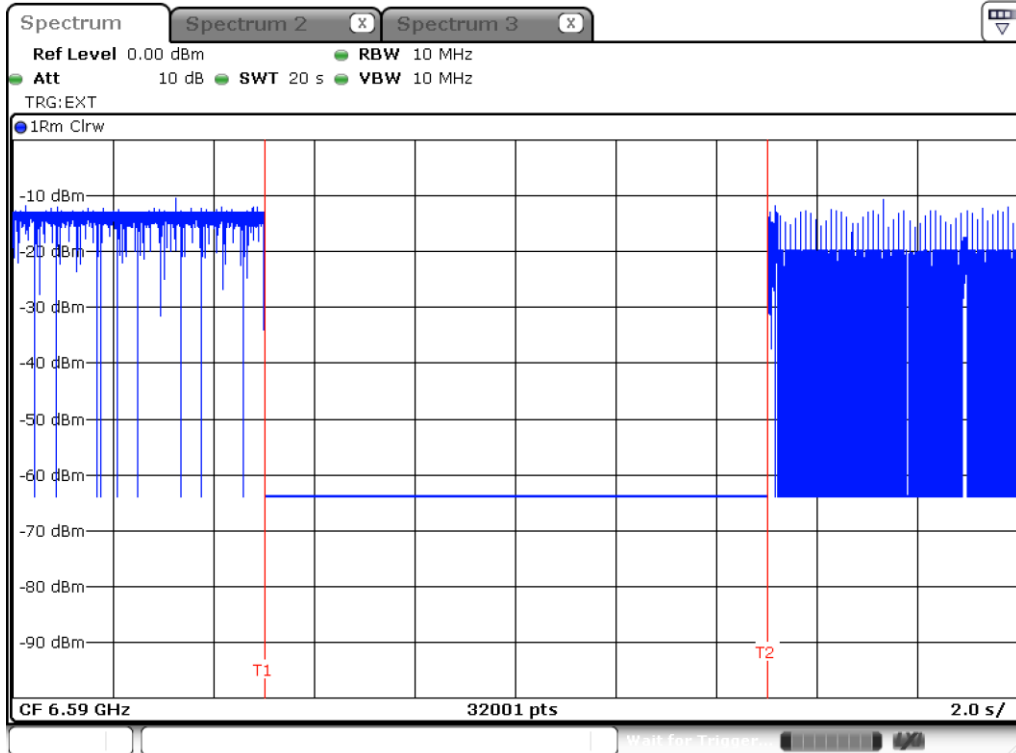


BW: 160 MHz / Frequency : 6580 MHz

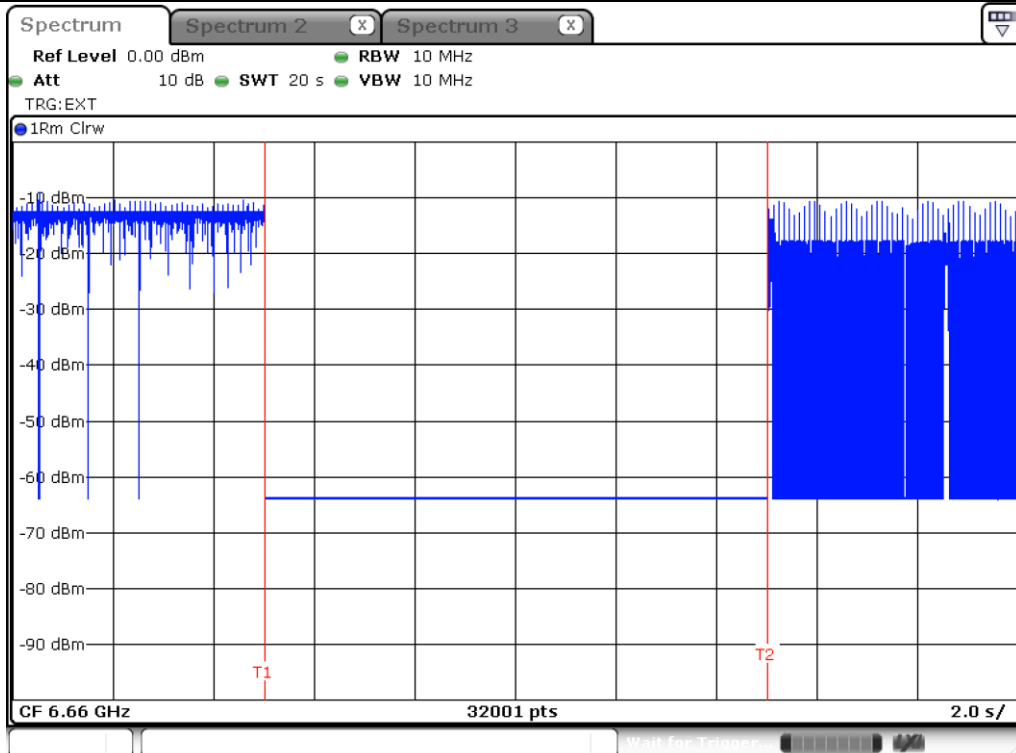


Note: T1: AWGN signal is injected, T2: AWGN signal is removed.

BW: 160 MHz / Frequency : 6590 MHz

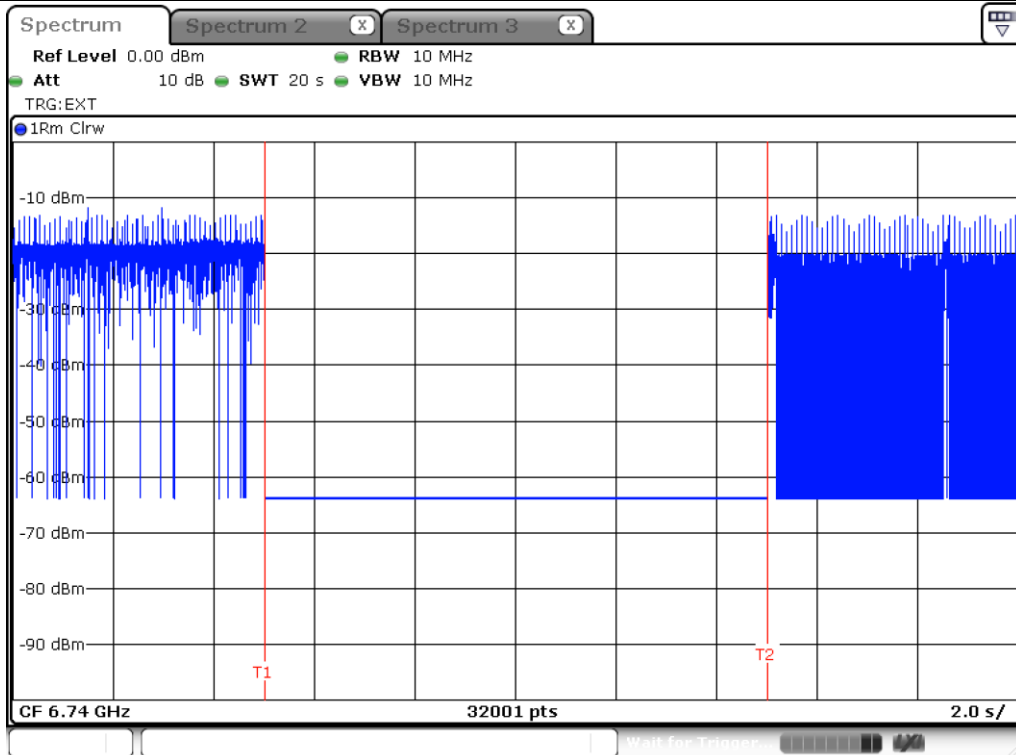


BW: 160 MHz / Frequency : 6660 MHz

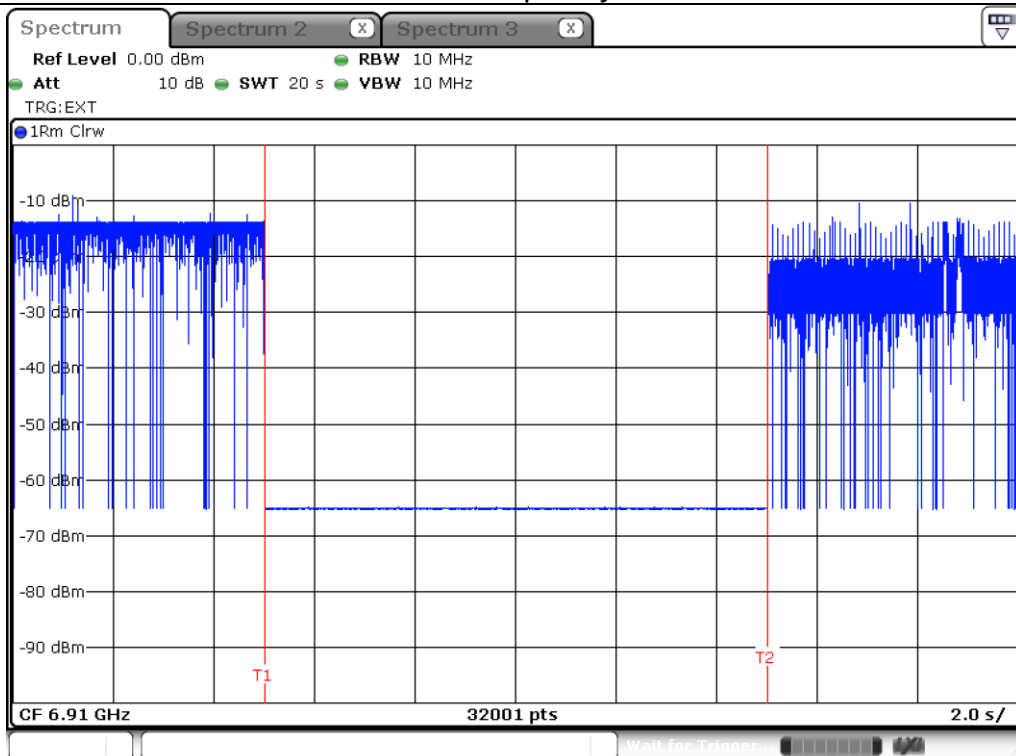


Note: T1: AWGN signal is injected, T2: AWGN signal is removed.

BW: 160 MHz / Frequency : 6740 MHz

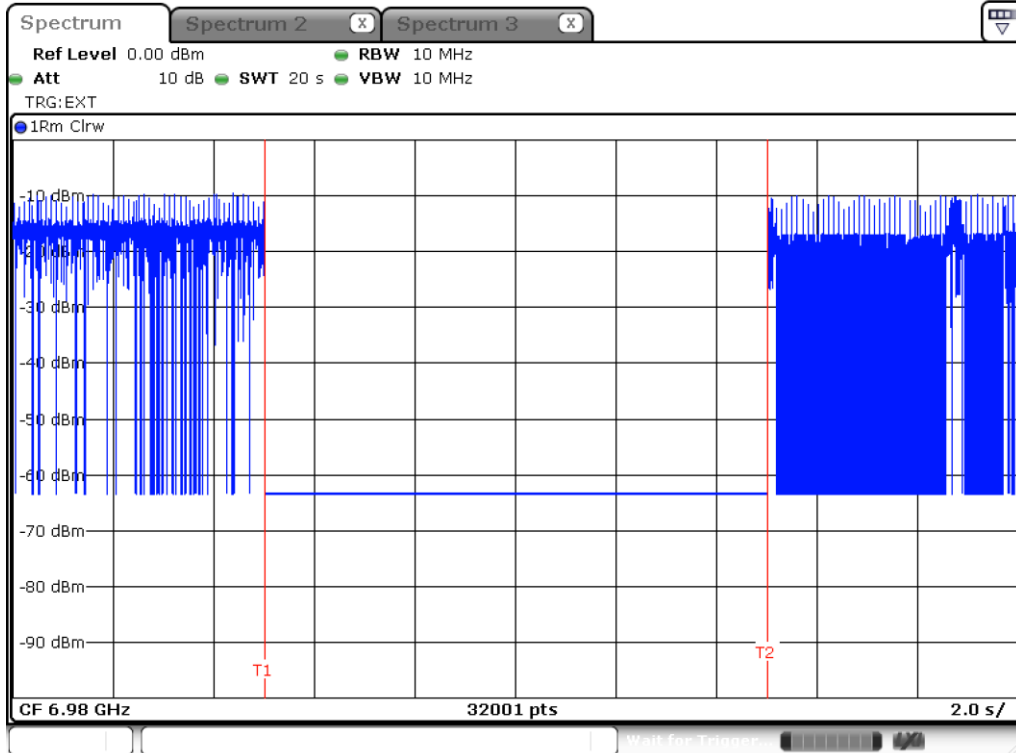


BW: 160 MHz / Frequency : 6910 MHz

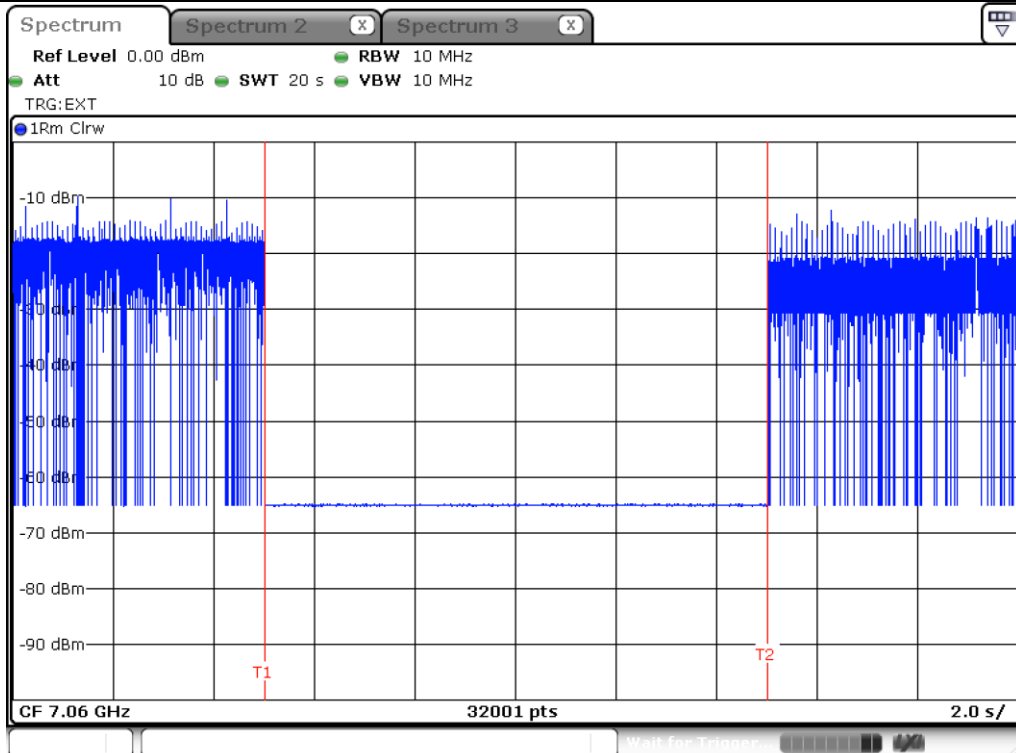


Note: T1: AWGN signal is injected, T2: AWGN signal is removed.

BW: 160 MHz / Frequency : 6980 MHz



BW: 160 MHz / Frequency : 7060 MHz



Note: T1: AWGN signal is injected, T2: AWGN signal is removed.



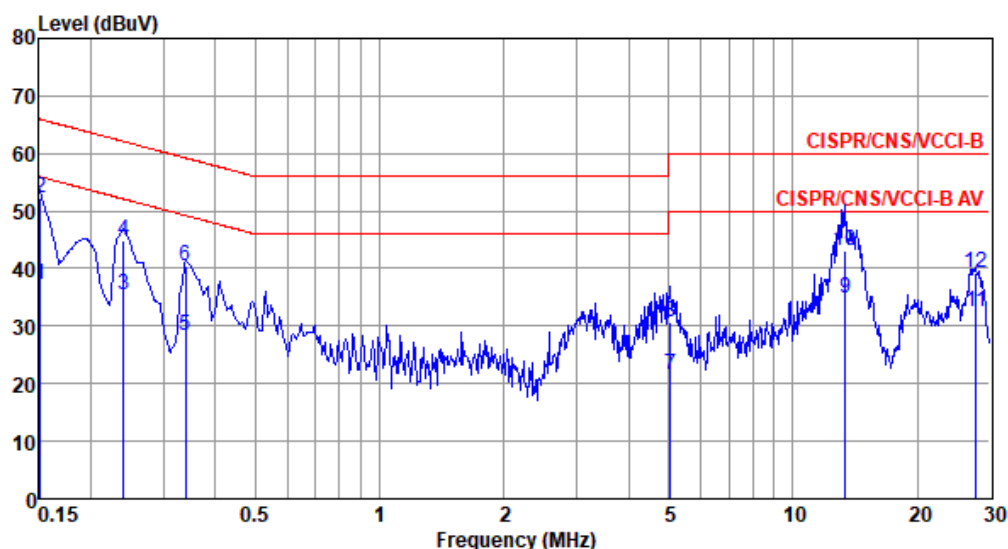
Adapter mode

Modulation Mode	ax HE160	Test Freq. (MHz)	6985
Power Phase	Line		

Test by : Joe Liao

Temperature: 21°C

Humidity: 64%



	Freq MHz	Level dBUV	Limit Line dBUV	Over Limit dB	Read Level dBUV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.151	37.08	55.96	-18.88	27.12	9.68	0.08	0.20	Average
2*	0.151	52.23	65.96	-13.73	42.27	9.68	0.08	0.20	QP
3	0.240	35.42	52.08	-16.66	25.40	9.68	0.08	0.26	Average
4	0.240	44.91	62.08	-17.17	34.89	9.68	0.08	0.26	QP
5	0.339	28.39	49.22	-20.83	18.31	9.67	0.08	0.33	Average
6	0.339	40.38	59.22	-18.84	30.30	9.67	0.08	0.33	QP
7	5.058	21.52	50.00	-28.48	11.11	9.71	0.27	0.43	Average
8	5.058	30.57	60.00	-29.43	20.16	9.71	0.27	0.43	QP
9	13.408	34.76	50.00	-15.24	23.99	9.74	0.53	0.50	Average
10	13.408	42.95	60.00	-17.05	32.18	9.74	0.53	0.50	QP
11	27.708	32.39	50.00	-17.61	21.17	9.68	0.75	0.79	Average
12	27.708	39.27	60.00	-20.73	28.05	9.68	0.75	0.79	QP

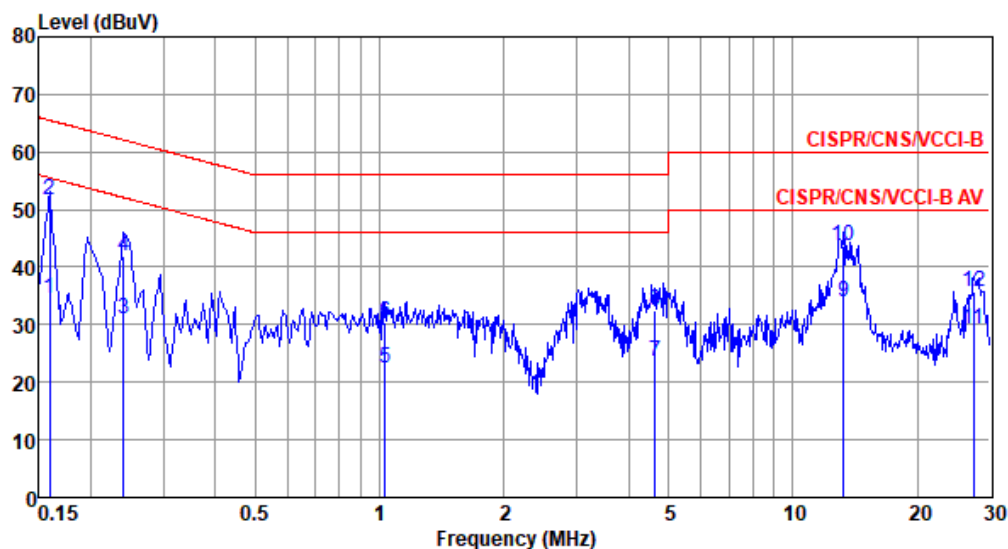
Note 1: Level (dBUV) = Read Level (dBUV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).

2: Over Limit (dB) = Level (dBUV) - Limit Line (dBUV).



Modulation Mode	ax HE160	Test Freq. (MHz)	6985
Power Phase	Neutral		

Test by : Joe Liao Temperature: 21°C Humidity: 64%



	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.159	34.40	55.52	-21.12	24.55	9.61	0.08	0.16	Average
2*	0.159	51.74	65.52	-13.78	41.89	9.61	0.08	0.16	QP
3	0.240	31.00	52.08	-21.08	21.13	9.61	0.08	0.18	Average
4	0.240	42.00	62.08	-20.08	32.13	9.61	0.08	0.18	QP
5	1.032	22.41	46.00	-23.59	12.36	9.61	0.16	0.28	Average
6	1.032	30.26	56.00	-25.74	20.21	9.61	0.16	0.28	QP
7	4.647	23.65	46.00	-22.35	13.41	9.65	0.25	0.34	Average
8	4.647	32.36	56.00	-23.64	22.12	9.65	0.25	0.34	QP
9	13.267	33.96	50.00	-16.04	23.27	9.73	0.52	0.44	Average
10	13.267	43.69	60.00	-16.31	33.00	9.73	0.52	0.44	QP
11	27.416	29.32	50.00	-20.68	18.11	9.77	0.75	0.69	Average
12	27.416	35.85	60.00	-24.15	24.64	9.77	0.75	0.69	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).



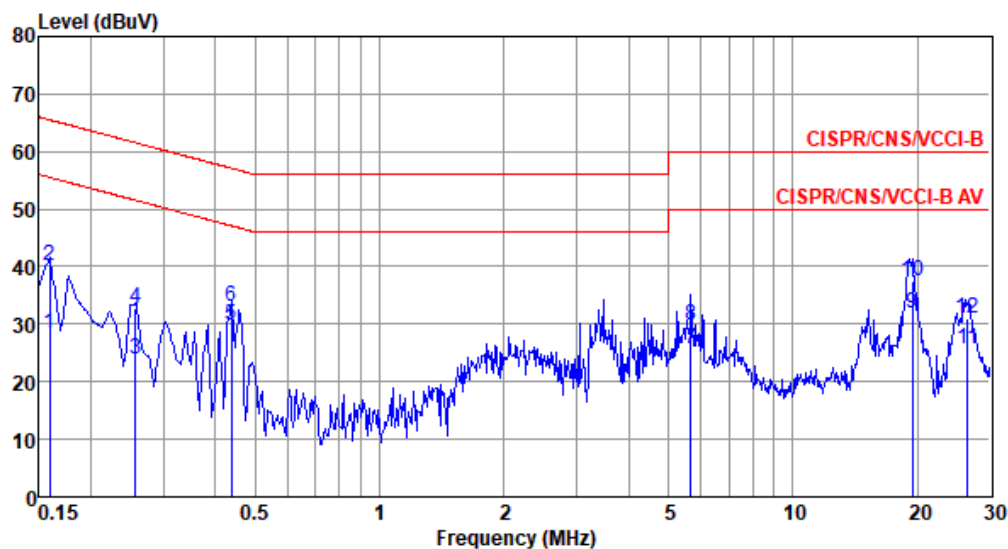
POE mode

Modulation Mode	ax HE160	Test Freq. (MHz)	6985
Power Phase	Line		

Test by : Joe Liao

Temperature: 21°C

Humidity: 64%



	Freq MHz	Level dBUV	Limit Line dBUV	Over Limit dB	Read Level dBUV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.159	28.34	55.52	-27.18	18.58	9.68	0.08	0.00	Average
2	0.159	40.09	65.52	-25.43	30.33	9.68	0.08	0.00	QP
3	0.256	23.98	51.56	-27.58	14.22	9.68	0.08	0.00	Average
4	0.256	32.75	61.56	-28.81	22.99	9.68	0.08	0.00	QP
5*	0.437	29.84	47.11	-17.27	20.08	9.67	0.09	0.00	Average
6	0.437	33.21	57.11	-23.90	23.45	9.67	0.09	0.00	QP
7	5.653	25.78	50.00	-24.22	15.77	9.71	0.30	0.00	Average
8	5.653	29.87	60.00	-30.13	19.86	9.71	0.30	0.00	QP
9	19.428	32.00	50.00	-18.00	21.62	9.73	0.65	0.00	Average
10	19.428	37.59	60.00	-22.41	27.21	9.73	0.65	0.00	QP
11	26.418	25.57	50.00	-24.43	15.16	9.69	0.72	0.00	Average
12	26.418	31.03	60.00	-28.97	20.62	9.69	0.72	0.00	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 Mode	ax HE160	Test Freq. (MHz)	6985																																																																																																																																																						
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Test by : Joe Liao Temperature: 21°C Humidity: 64%																																																																																																																																																									
<table><thead><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Over</th><th>Read</th><th>Factor</th><th>Cable</th><th>Aux</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV</th><th>Line</th><th>Limit</th><th>Level</th><th>dB</th><th>loss</th><th>dB</th><th></th></tr><tr><th></th><th></th><th></th><th>dBuV</th><th>dB</th><th>dBuV</th><th></th><th>dB</th><th></th><th></th></tr></thead><tbody><tr><td>1</td><td>0.159</td><td>29.98</td><td>55.52</td><td>-25.54</td><td>20.29</td><td>9.61</td><td>0.08</td><td>0.00</td><td>Average</td></tr><tr><td>2</td><td>0.159</td><td>40.72</td><td>65.52</td><td>-24.80</td><td>31.03</td><td>9.61</td><td>0.08</td><td>0.00</td><td>QP</td></tr><tr><td>3*</td><td>0.435</td><td>33.99</td><td>47.15</td><td>-13.16</td><td>24.29</td><td>9.61</td><td>0.09</td><td>0.00</td><td>Average</td></tr><tr><td>4</td><td>0.435</td><td>36.50</td><td>57.15</td><td>-20.65</td><td>26.80</td><td>9.61</td><td>0.09</td><td>0.00</td><td>QP</td></tr><tr><td>5</td><td>3.417</td><td>23.54</td><td>46.00</td><td>-22.46</td><td>13.69</td><td>9.64</td><td>0.21</td><td>0.00</td><td>Average</td></tr><tr><td>6</td><td>3.417</td><td>29.45</td><td>56.00</td><td>-26.55</td><td>19.60</td><td>9.64</td><td>0.21</td><td>0.00</td><td>QP</td></tr><tr><td>7</td><td>5.653</td><td>26.15</td><td>50.00</td><td>-23.85</td><td>16.19</td><td>9.66</td><td>0.30</td><td>0.00</td><td>Average</td></tr><tr><td>8</td><td>5.653</td><td>30.22</td><td>60.00</td><td>-29.78</td><td>20.26</td><td>9.66</td><td>0.30</td><td>0.00</td><td>QP</td></tr><tr><td>9</td><td>19.224</td><td>33.94</td><td>50.00</td><td>-16.06</td><td>23.51</td><td>9.78</td><td>0.65</td><td>0.00</td><td>Average</td></tr><tr><td>10</td><td>19.224</td><td>40.03</td><td>60.00</td><td>-19.97</td><td>29.60</td><td>9.78</td><td>0.65</td><td>0.00</td><td>QP</td></tr><tr><td>11</td><td>26.558</td><td>27.00</td><td>50.00</td><td>-23.00</td><td>16.49</td><td>9.78</td><td>0.73</td><td>0.00</td><td>Average</td></tr><tr><td>12</td><td>26.558</td><td>33.45</td><td>60.00</td><td>-26.55</td><td>22.94</td><td>9.78</td><td>0.73</td><td>0.00</td><td>QP</td></tr></tbody></table>					Freq	Level	Limit	Over	Read	Factor	Cable	Aux	Remark		MHz	dBuV	Line	Limit	Level	dB	loss	dB					dBuV	dB	dBuV		dB			1	0.159	29.98	55.52	-25.54	20.29	9.61	0.08	0.00	Average	2	0.159	40.72	65.52	-24.80	31.03	9.61	0.08	0.00	QP	3*	0.435	33.99	47.15	-13.16	24.29	9.61	0.09	0.00	Average	4	0.435	36.50	57.15	-20.65	26.80	9.61	0.09	0.00	QP	5	3.417	23.54	46.00	-22.46	13.69	9.64	0.21	0.00	Average	6	3.417	29.45	56.00	-26.55	19.60	9.64	0.21	0.00	QP	7	5.653	26.15	50.00	-23.85	16.19	9.66	0.30	0.00	Average	8	5.653	30.22	60.00	-29.78	20.26	9.66	0.30	0.00	QP	9	19.224	33.94	50.00	-16.06	23.51	9.78	0.65	0.00	Average	10	19.224	40.03	60.00	-19.97	29.60	9.78	0.65	0.00	QP	11	26.558	27.00	50.00	-23.00	16.49	9.78	0.73	0.00	Average	12	26.558	33.45	60.00	-26.55	22.94	9.78	0.73	0.00	QP
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