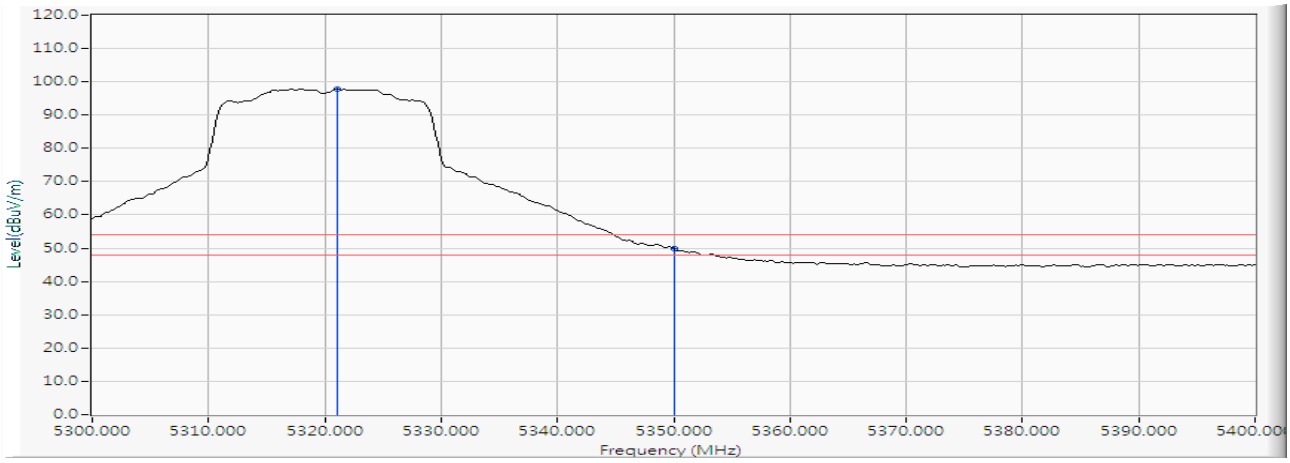
Product : Flat Panel Detector
Test Item : Band Edge Data
Test Date : 2019/08/06
Test Mode : Mode 3 MIMO: Transmit (802.11n-20BW_14.4Mbps)-Channel 64 (5320MHz)

Vertical



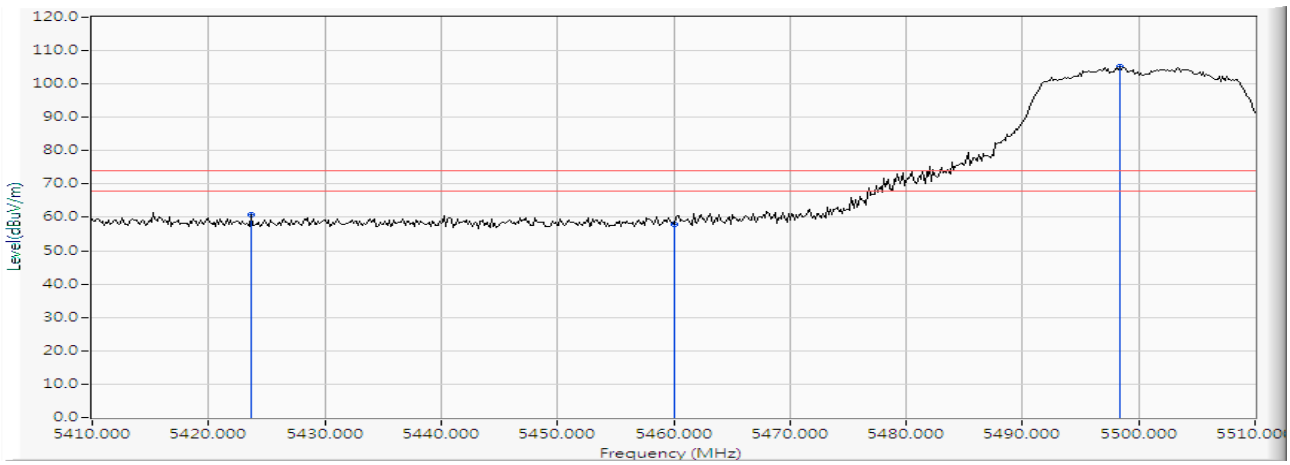
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5321.014	15.583	82.169	97.752	--	--	AVERAGE
2		5350.000	15.865	33.852	49.716	-4.284	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Flat Panel Detector
Test Item : Band Edge Data
Test Date : 2019/08/07
Test Mode : Mode 3 MIMO: Transmit (802.11n-20BW_14.4Mbps)-Channel 100 (5500MHz)

Horizontal



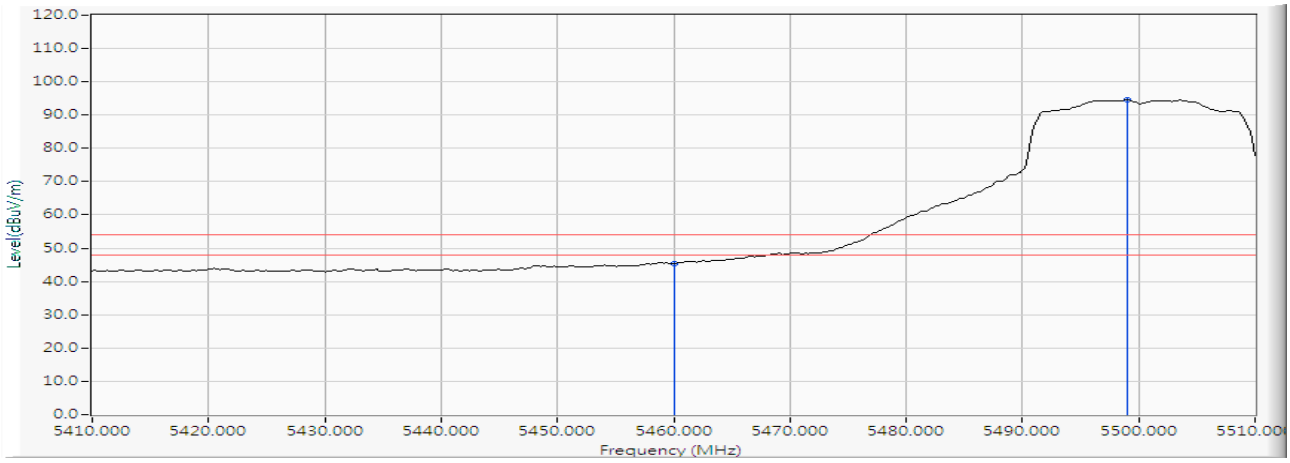
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5423.623	16.554	44.305	60.859	-13.141	74.000	PEAK
2		5460.000	16.870	41.179	58.049	-15.951	74.000	PEAK
3	*	5498.406	17.169	87.901	105.069	--	--	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Flat Panel Detector
Test Item : Band Edge Data
Test Date : 2019/08/07
Test Mode : Mode 3 MIMO: Transmit (802.11n-20BW_14.4Mbps)-Channel 100 (5500MHz)

Horizontal



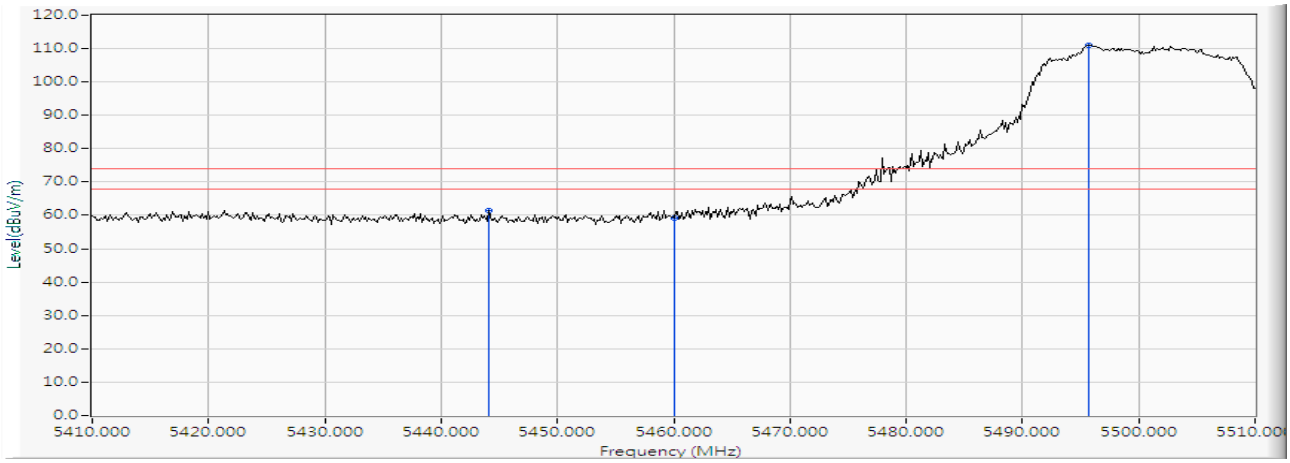
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5460.000	16.870	28.565	45.435	-8.565	54.000	AVERAGE
2	*	5498.986	17.172	77.427	94.599	--	--	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Flat Panel Detector
Test Item : Band Edge Data
Test Date : 2019/08/07
Test Mode : Mode 3 MIMO: Transmit (802.11n-20BW_14.4Mbps)-Channel 100 (5500MHz)

Vertical



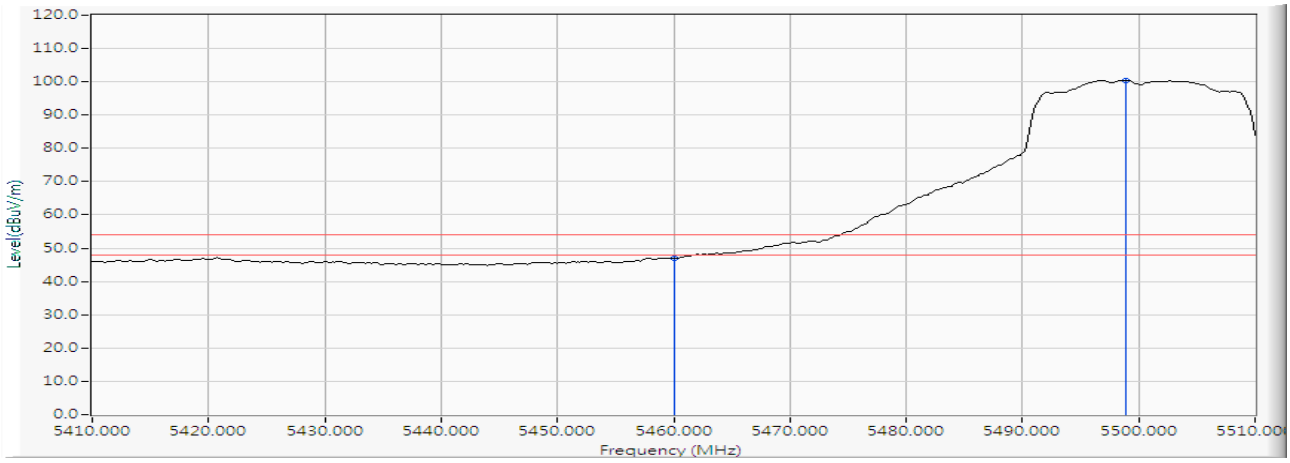
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5444.058	16.732	44.791	61.522	-12.478	74.000	PEAK
2		5460.000	16.870	42.234	59.104	-14.896	74.000	PEAK
3	*	5495.652	17.154	93.875	111.029	--	--	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Flat Panel Detector
Test Item : Band Edge Data
Test Date : 2019/08/07
Test Mode : Mode 3 MIMO: Transmit (802.11n-20BW_14.4Mbps)-Channel 100 (5500MHz)

Vertical



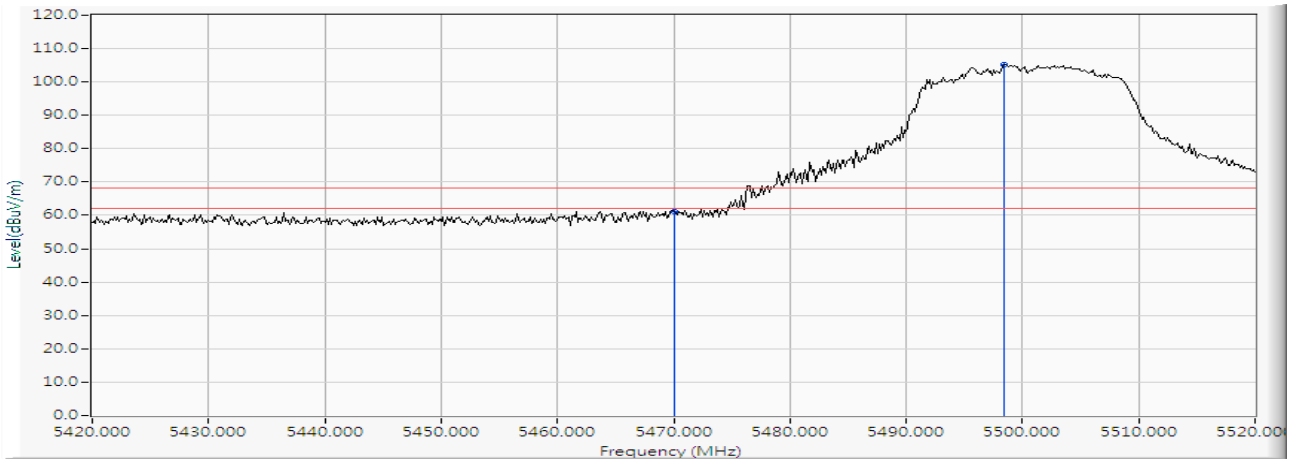
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5460.000	16.870	30.067	46.937	-7.063	54.000	AVERAGE
2	*	5498.841	17.171	83.342	100.513	--	--	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Flat Panel Detector
Test Item : Band Edge Data
Test Date : 2019/08/07
Test Mode : Mode 3 MIMO: Transmit (802.11n-20BW_14.4Mbps)-Channel 100 (5500MHz)

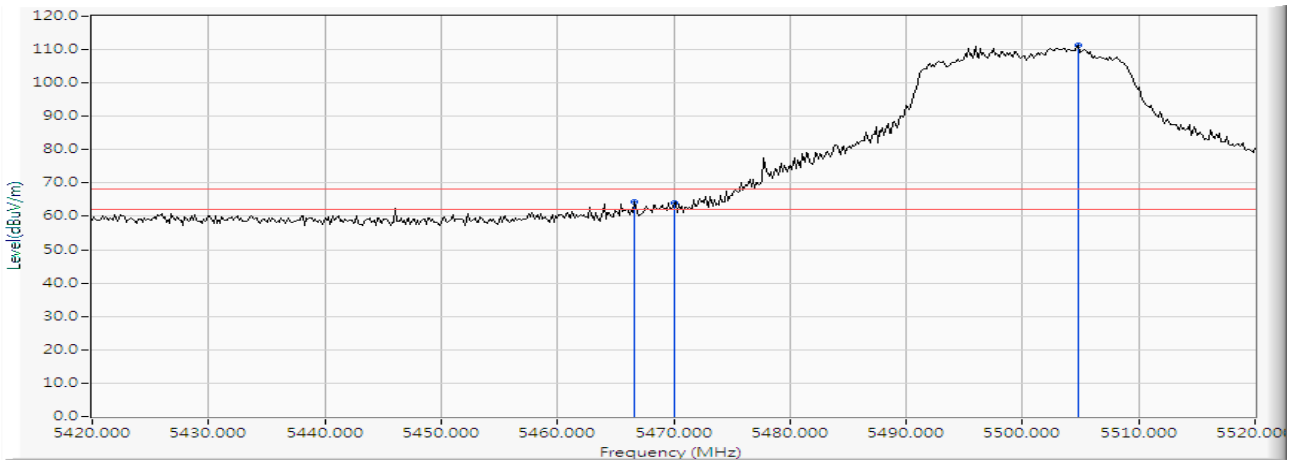
Horizontal



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5470.000	16.957	44.066	61.023	-7.197	68.220	PEAK
2	*	5498.406	17.169	88.158	105.326	--	--	PEAK

Product : Flat Panel Detector
Test Item : Band Edge Data
Test Date : 2019/08/07
Test Mode : Mode 3 MIMO: Transmit (802.11n-20BW_14.4Mbps)-Channel 100 (5500MHz)

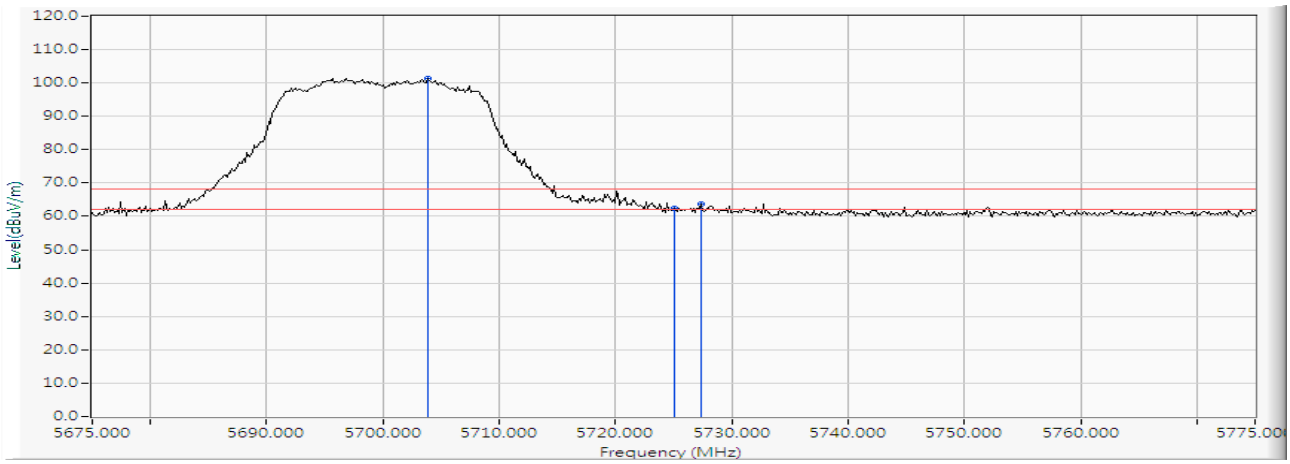
Vertical



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5466.667	16.927	47.338	64.266	-3.954	68.220	PEAK
2		5470.000	16.957	46.920	63.877	-4.343	68.220	PEAK
3	*	5504.783	17.202	94.134	111.336	--	--	PEAK

Product : Flat Panel Detector
Test Item : Band Edge Data
Test Date : 2019/08/07
Test Mode : Mode 3 MIMO: Transmit (802.11n-20BW_14.4Mbps)-Channel 140 (5700MHz)

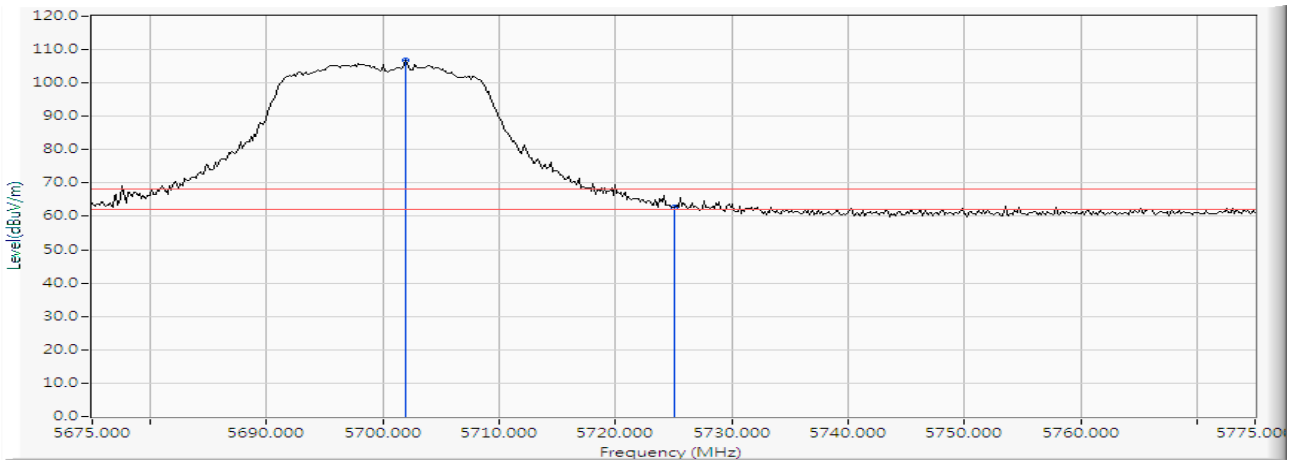
Horizontal



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5703.841	16.631	84.599	101.230	--	--	PEAK
2		5725.000	16.624	45.790	62.414	-5.806	68.220	PEAK
3		5727.319	16.624	47.090	63.714	-4.506	68.220	PEAK

Product : Flat Panel Detector
Test Item : Band Edge Data
Test Date : 2019/08/07
Test Mode : Mode 3 MIMO: Transmit (802.11n-20BW_14.4Mbps)-Channel 140 (5700MHz)

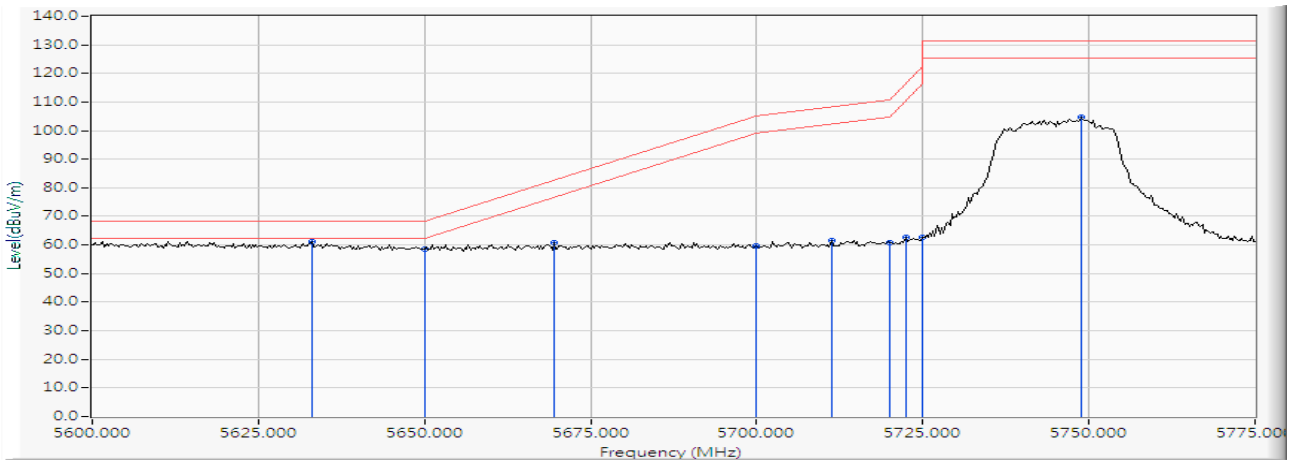
Vertical



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5701.957	16.634	90.150	106.783	--	--	PEAK
2		5725.000	16.624	46.239	62.863	-5.357	68.220	PEAK

Product : Flat Panel Detector
Test Item : Band Edge Data
Test Date : 2019/08/07
Test Mode : Mode 3 MIMO: Transmit (802.11n-20BW_14.4Mbps)-Channel 149 (5745MHz)

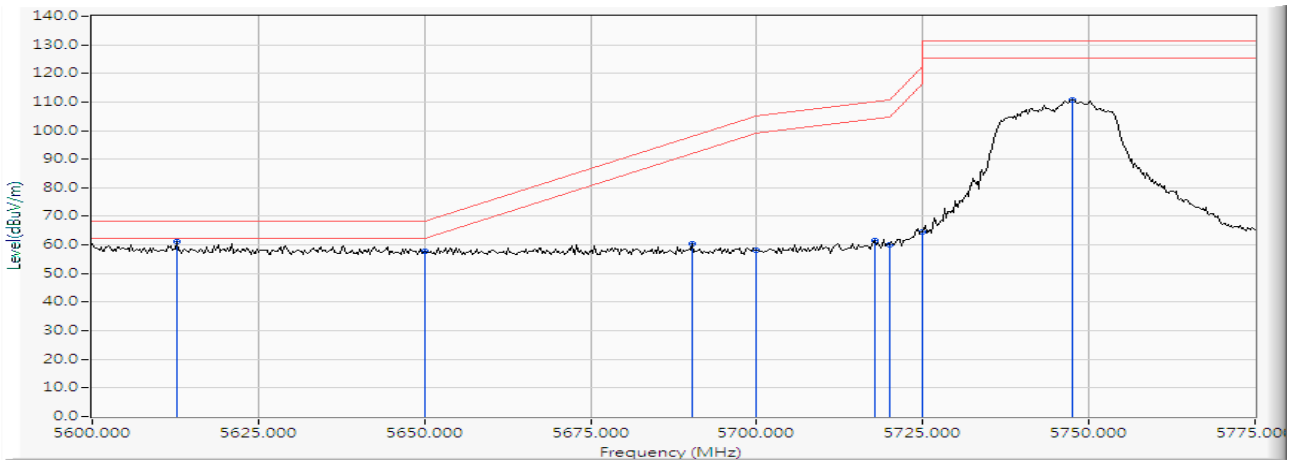
Horizontal



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5632.971	16.822	44.383	61.206	-7.014	68.220	PEAK
2		5650.000	16.772	41.735	58.507	-9.713	68.220	PEAK
3		5669.493	16.714	44.269	60.983	-21.654	82.637	PEAK
4		5700.000	16.636	42.910	59.546	-45.654	105.200	PEAK
5		5711.341	16.622	45.031	61.654	-46.721	108.375	PEAK
6		5720.000	16.623	44.140	60.763	-50.037	110.800	PEAK
7		5722.500	16.623	46.206	62.829	-53.671	116.500	PEAK
8		5725.000	16.624	45.946	62.570	-59.630	122.200	PEAK
9		5748.877	16.639	87.939	104.577	-26.623	131.200	PEAK

Product : Flat Panel Detector
Test Item : Band Edge Data
Test Date : 2019/08/07
Test Mode : Mode 3 MIMO: Transmit (802.11n-20BW_14.4Mbps)-Channel 149 (5745MHz)

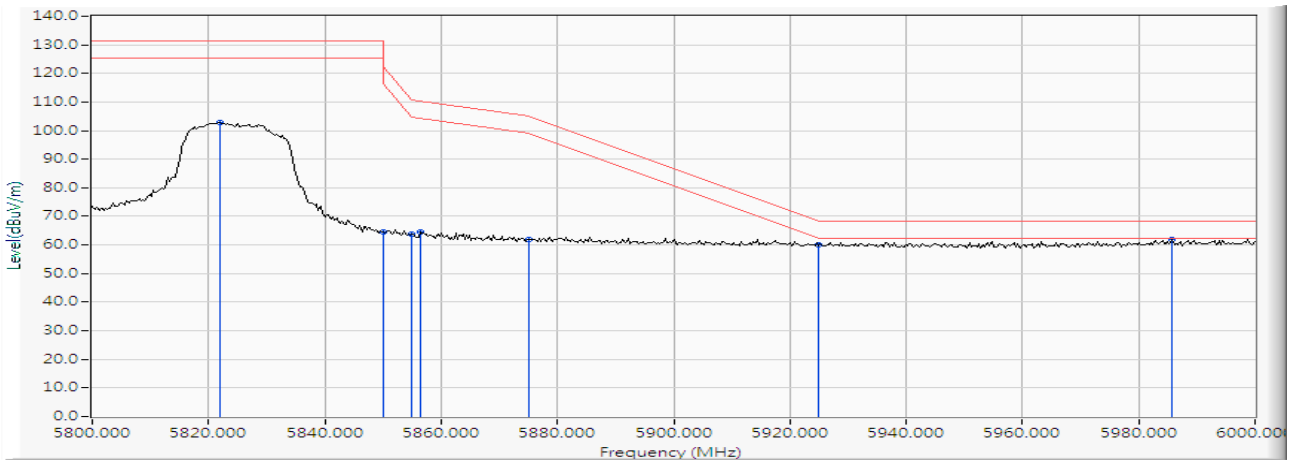
Vertical



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5612.681	16.883	44.220	61.103	-7.117	68.220	PEAK
2		5650.000	16.772	41.093	57.865	-10.355	68.220	PEAK
3		5690.290	16.652	43.737	60.389	-37.629	98.018	PEAK
4		5700.000	16.636	41.711	58.347	-46.853	105.200	PEAK
5		5717.681	16.623	45.072	61.695	-48.456	110.151	PEAK
6		5720.000	16.623	43.558	60.181	-50.619	110.800	PEAK
7		5725.000	16.624	47.899	64.523	-57.677	122.200	PEAK
8		5747.609	16.635	94.104	110.739	-20.461	131.200	PEAK

Product : Flat Panel Detector
Test Item : Band Edge Data
Test Date : 2019/08/07
Test Mode : Mode 3 MIMO: Transmit (802.11n-20BW_14.4Mbps)-Channel 165 (5825MHz)

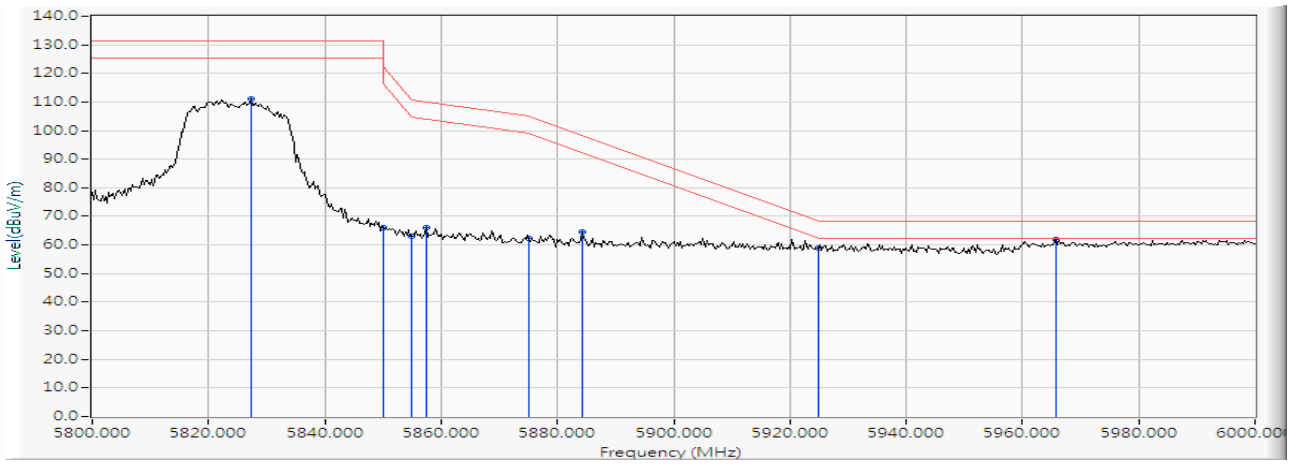
Horizontal



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5822.029	16.940	85.840	102.780	-28.420	131.200	PEAK
2		5850.000	17.081	47.394	64.475	-57.725	122.200	PEAK
3		5855.000	17.106	46.754	63.860	-46.940	110.800	PEAK
4		5856.522	17.114	47.411	64.525	-45.849	110.374	PEAK
5		5875.000	17.208	44.842	62.050	-43.150	105.200	PEAK
6		5925.000	17.361	42.660	60.021	-8.199	68.220	PEAK
7	*	5985.797	17.425	44.462	61.887	-6.333	68.220	PEAK

Product : Flat Panel Detector
Test Item : Band Edge Data
Test Date : 2019/08/07
Test Mode : Mode 3 MIMO: Transmit (802.11n-20BW_14.4Mbps)-Channel 165 (5825MHz)

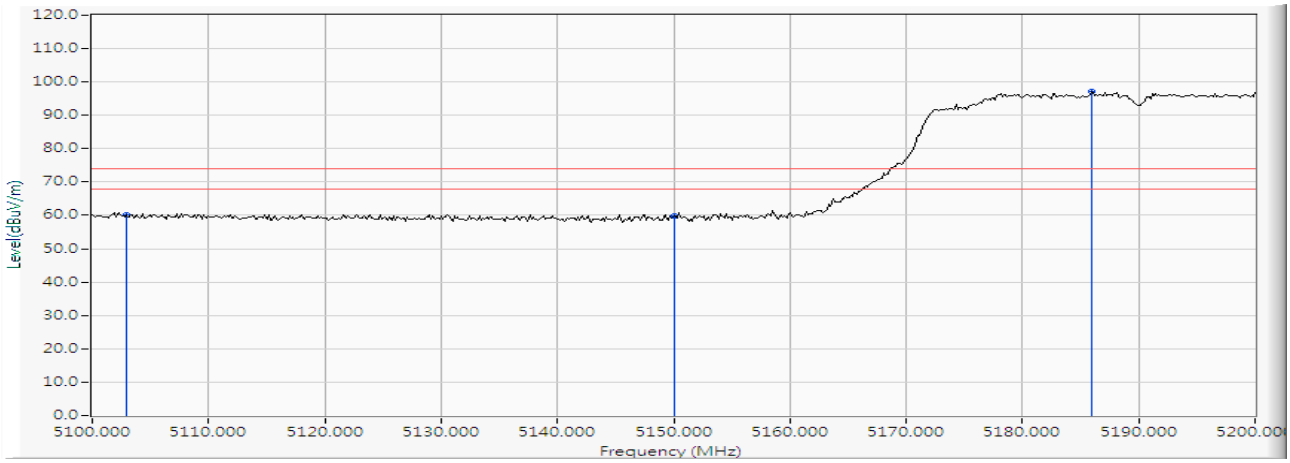
Vertical



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5827.246	16.966	93.995	110.961	-20.239	131.200	PEAK
2		5850.000	17.081	49.134	66.215	-55.985	122.200	PEAK
3		5855.000	17.106	46.048	63.154	-47.646	110.800	PEAK
4		5857.391	17.119	49.120	66.238	-43.893	110.131	PEAK
5		5875.000	17.208	45.094	62.302	-42.898	105.200	PEAK
6		5884.348	17.254	47.408	64.663	-33.623	98.286	PEAK
7		5925.000	17.361	41.514	58.875	-9.345	68.220	PEAK
8	*	5965.797	17.405	44.392	61.797	-6.423	68.220	PEAK

Product : Flat Panel Detector
Test Item : Band Edge Data
Test Date : 2019/08/06
Test Mode : Mode 3 MIMO: Transmit (802.11n-40BW_30Mbps)-Channel 38 (5190MHz)

Horizontal



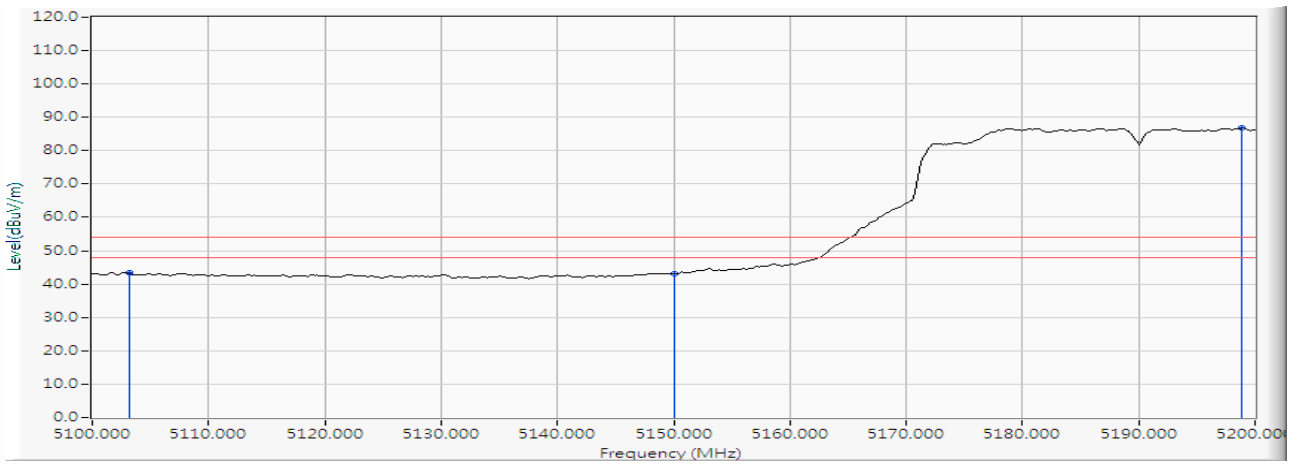
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5102.899	16.703	43.582	60.285	-13.715	74.000	PEAK
2		5150.000	16.185	43.652	59.837	-14.163	74.000	PEAK
3	*	5185.942	15.775	81.244	97.019	--	--	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Flat Panel Detector
Test Item : Band Edge Data
Test Date : 2019/08/06
Test Mode : Mode 3 MIMO: Transmit (802.11n-40BW_30Mbps)-Channel 38 (5190MHz)

Horizontal



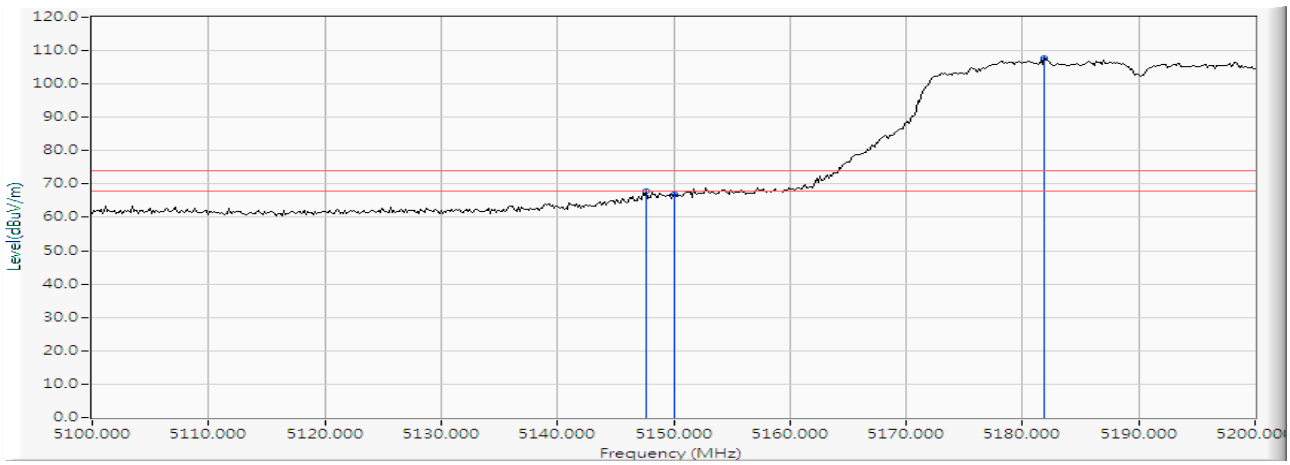
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5103.188	16.701	26.571	43.272	-10.728	54.000	AVERAGE
2		5150.000	16.185	26.806	42.991	-11.009	54.000	AVERAGE
3	*	5198.841	15.628	71.094	86.722	--	--	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Flat Panel Detector
Test Item : Band Edge Data
Test Date : 2019/08/06
Test Mode : Mode 3 MIMO: Transmit (802.11n-40BW_30Mbps)-Channel 38 (5190MHz)

Vertical



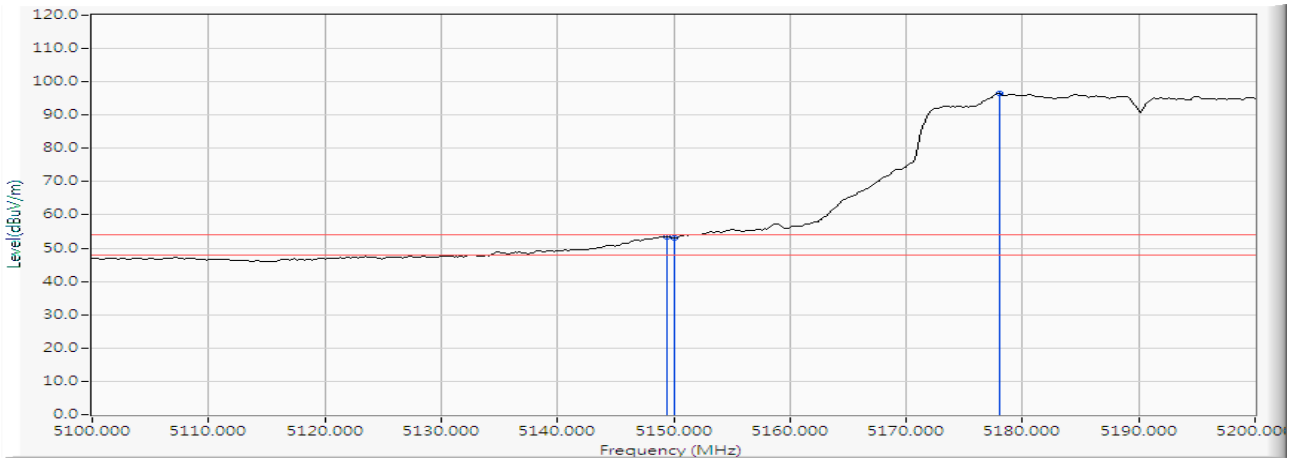
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5147.681	16.212	51.564	67.775	-6.225	74.000	PEAK
2		5150.000	16.185	50.861	67.046	-6.954	74.000	PEAK
3	*	5181.884	15.821	91.844	107.665	--	--	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	Flat Panel Detector
Test Item	:	Band Edge Data
Test Date	:	2019/08/06
Test Mode	:	Mode 3 MIMO: Transmit (802.11n-40BW_30Mbps)-Channel 38 (5190MHz)

Vertical



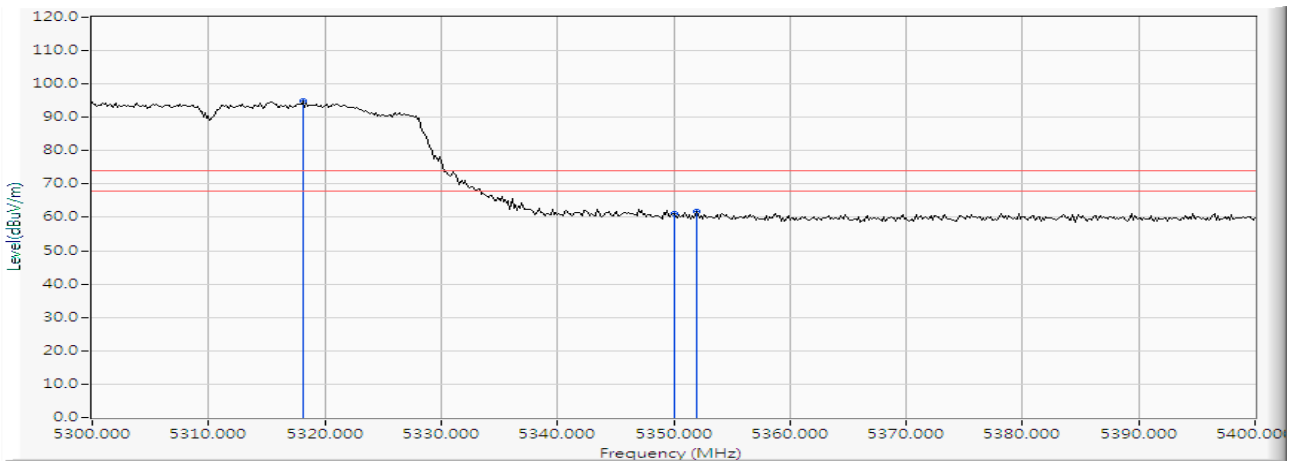
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5149.420	16.191	37.331	53.522	-0.478	54.000	AVERAGE
2		5150.000	16.185	36.840	53.025	-0.975	54.000	AVERAGE
3	*	5177.971	15.866	80.572	96.438	--	--	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Flat Panel Detector
Test Item : Band Edge Data
Test Date : 2019/08/06
Test Mode : Mode 3 MIMO: Transmit (802.11n-40BW_30Mbps)-Channel 62 (5310MHz)

Horizontal



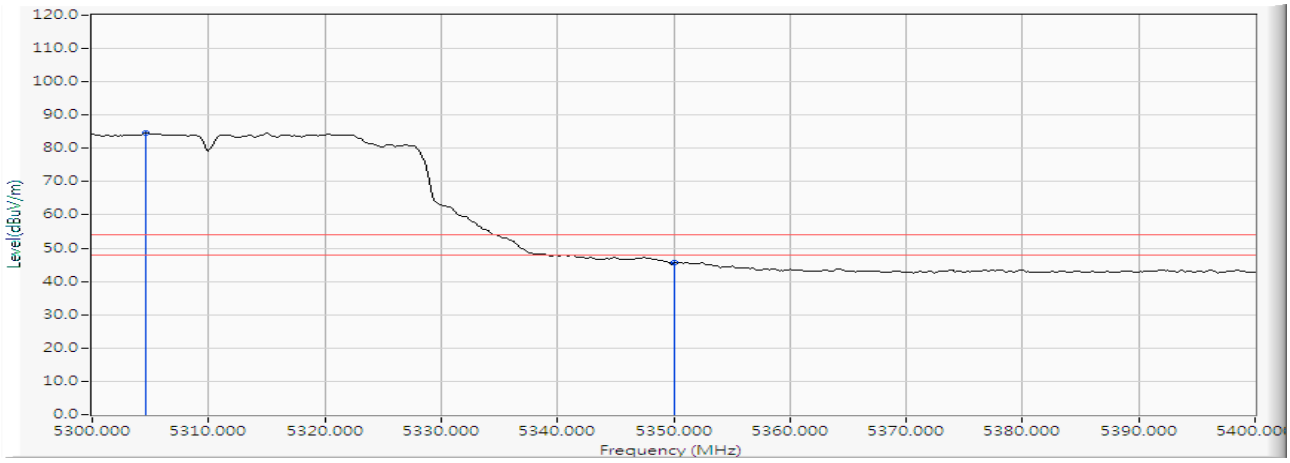
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5318.116	15.555	79.221	94.776	--	--	PEAK
2		5350.000	15.865	45.193	61.057	-12.943	74.000	PEAK
3		5352.029	15.884	45.996	61.880	-12.120	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Flat Panel Detector
Test Item : Band Edge Data
Test Date : 2019/08/06
Test Mode : Mode 3 MIMO: Transmit (802.11n-40BW_30Mbps)-Channel 62 (5310MHz)

Horizontal



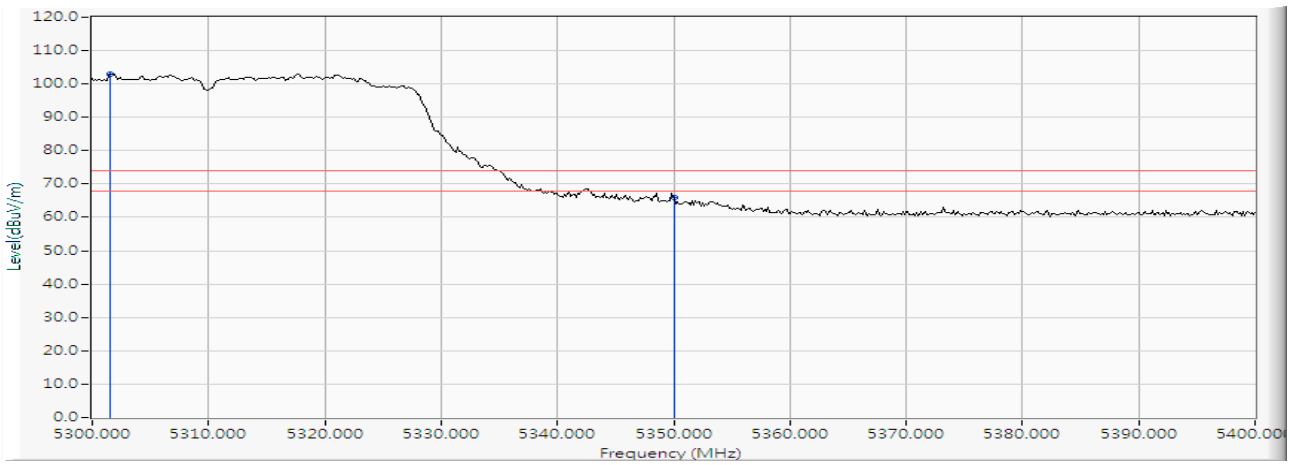
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5304.638	15.424	69.189	84.613	--	--	AVERAGE
2		5350.000	15.865	29.673	45.537	-8.463	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Flat Panel Detector
Test Item : Band Edge Data
Test Date : 2019/08/06
Test Mode : Mode 3 MIMO: Transmit (802.11n-40BW_30Mbps)-Channel 62 (5310MHz)

Vertical



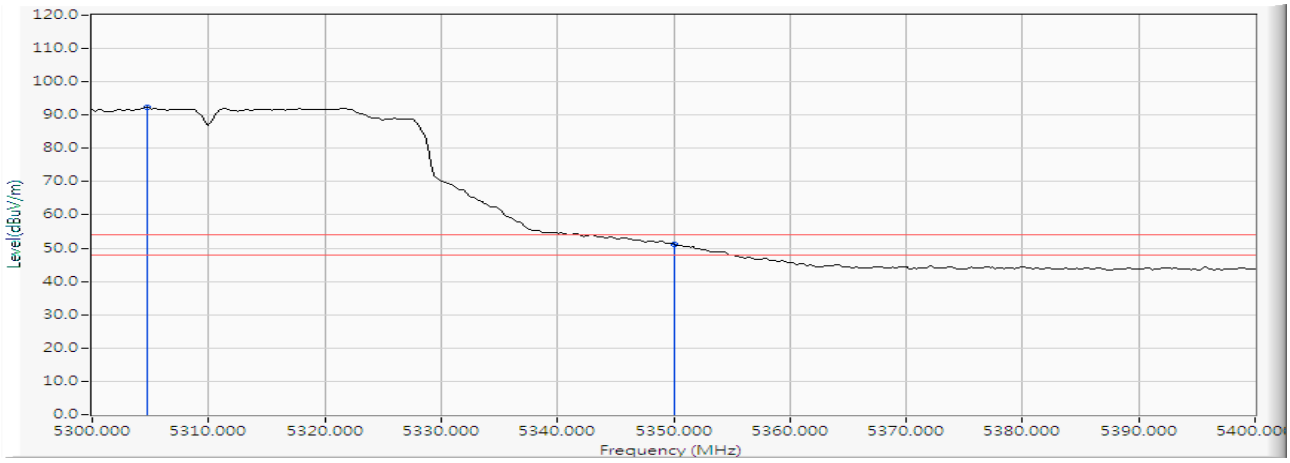
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5301.594	15.396	87.657	103.052	--	--	PEAK
2		5350.000	15.865	49.982	65.846	-8.154	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	Flat Panel Detector
Test Item	:	Band Edge Data
Test Date	:	2019/08/06
Test Mode	:	Mode 3 MIMO: Transmit (802.11n-40BW_30Mbps)-Channel 62 (5310MHz)

Vertical



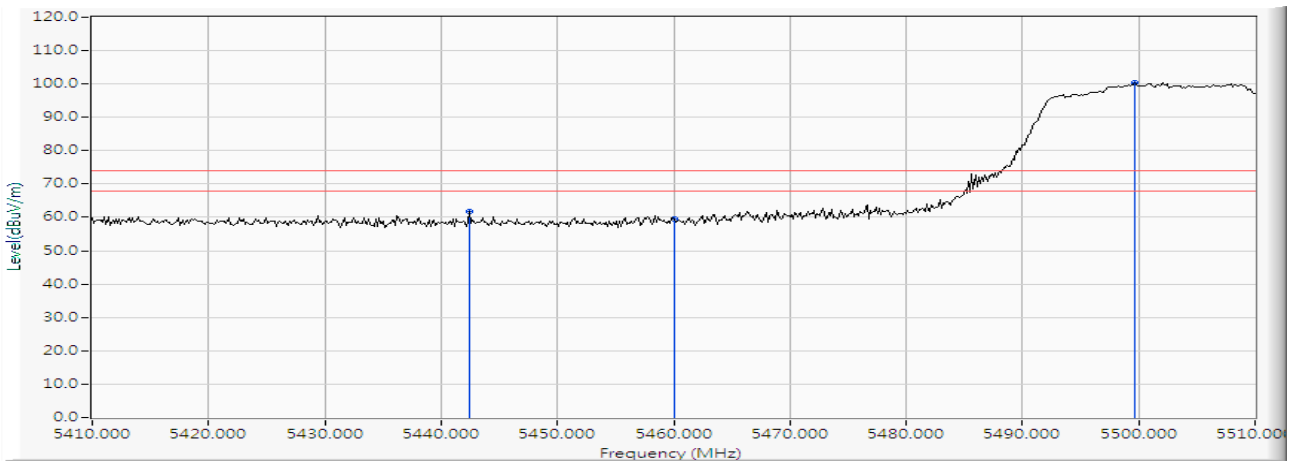
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5304.783	15.425	76.805	92.231	--	--	AVERAGE
2		5350.000	15.865	35.382	51.246	-2.754	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Flat Panel Detector
Test Item : Band Edge Data
Test Date : 2019/08/07
Test Mode : Mode 3 MIMO: Transmit (802.11n-40BW_30Mbps)-Channel 102 (5510MHz)

Horizontal



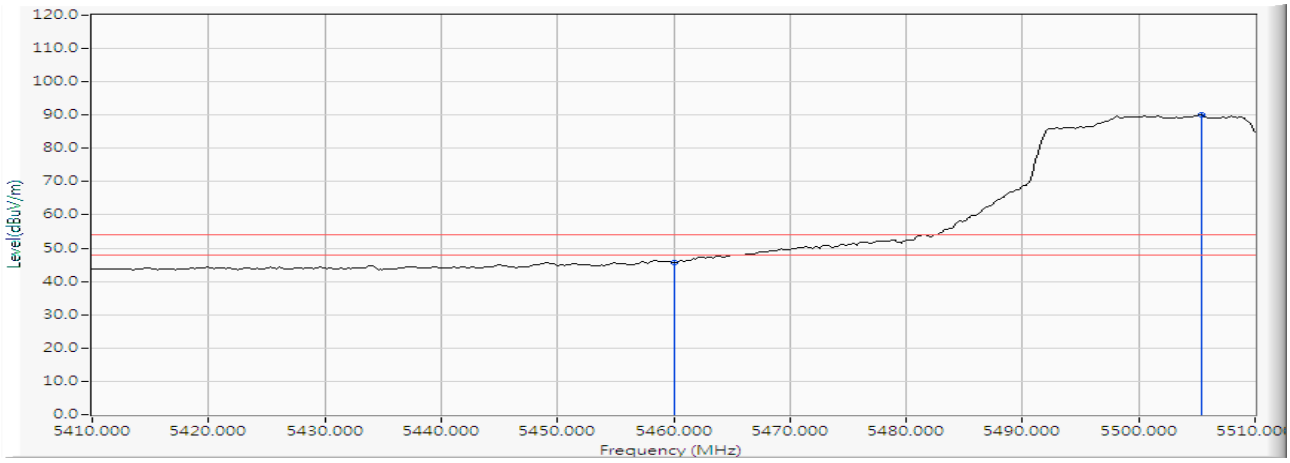
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5442.464	16.718	44.955	61.673	-12.327	74.000	PEAK
2		5460.000	16.870	42.618	59.488	-14.512	74.000	PEAK
3	*	5499.710	17.176	83.152	100.327	--	--	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Flat Panel Detector
Test Item : Band Edge Data
Test Date : 2019/08/07
Test Mode : Mode 3 MIMO: Transmit (802.11n-40BW_30Mbps)-Channel 102 (5510MHz)

Horizontal



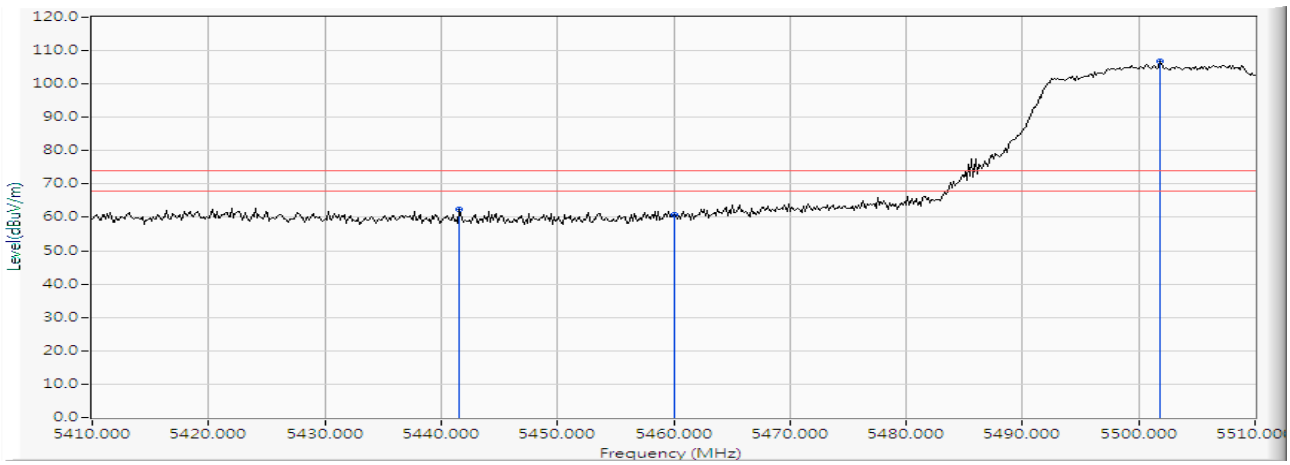
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5460.000	16.870	28.902	45.772	-8.228	54.000	AVERAGE
2	*	5505.362	17.202	72.783	89.985	--	--	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Flat Panel Detector
Test Item : Band Edge Data
Test Date : 2019/08/07
Test Mode : Mode 3 MIMO: Transmit (802.11n-40BW_30Mbps)-Channel 102 (5510MHz)

Vertical



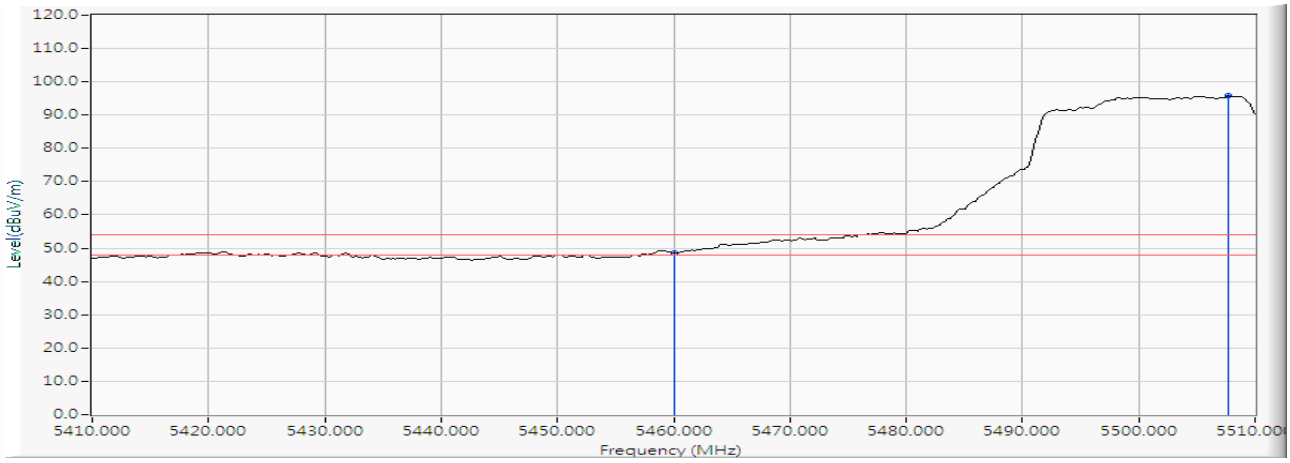
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5441.594	16.710	45.723	62.433	-11.567	74.000	PEAK
2		5460.000	16.870	43.925	60.795	-13.205	74.000	PEAK
3	*	5501.884	17.188	89.506	106.693	--	--	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	Flat Panel Detector
Test Item	:	Band Edge Data
Test Date	:	2019/08/07
Test Mode	:	Mode 3 MIMO: Transmit (802.11n-40BW_30Mbps)-Channel 102 (5510MHz)

Vertical



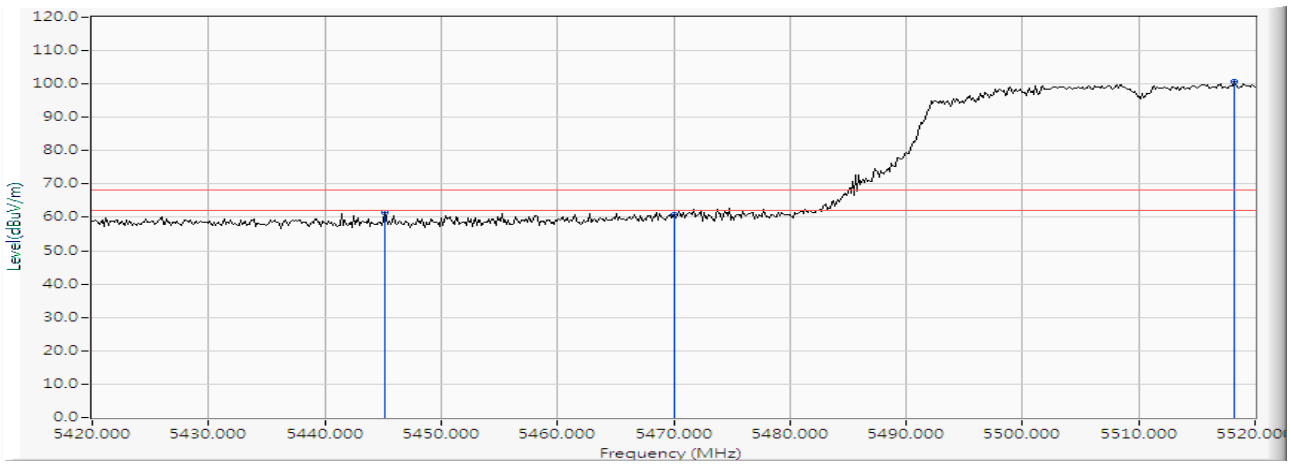
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5460.000	16.870	31.717	48.587	-5.413	54.000	AVERAGE
2	*	5507.681	17.195	78.517	95.712	--	--	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Flat Panel Detector
Test Item : Band Edge Data
Test Date : 2019/08/07
Test Mode : Mode 3 MIMO: Transmit (802.11n-40BW_30Mbps)-Channel 102 (5510MHz)

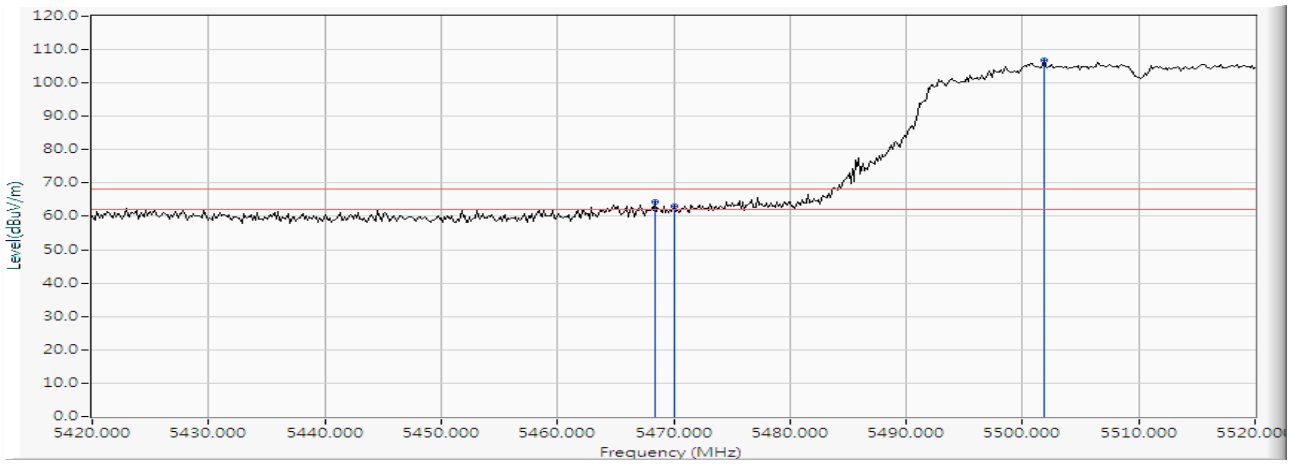
Horizontal



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5445.217	16.741	44.731	61.472	-6.748	68.220	PEAK
2		5470.000	16.957	43.710	60.667	-7.553	68.220	PEAK
3	*	5518.261	17.163	83.528	100.691	--	--	PEAK

Product : Flat Panel Detector
Test Item : Band Edge Data
Test Date : 2019/08/07
Test Mode : Mode 3 MIMO: Transmit (802.11n-40BW_30Mbps)-Channel 102 (5510MHz)

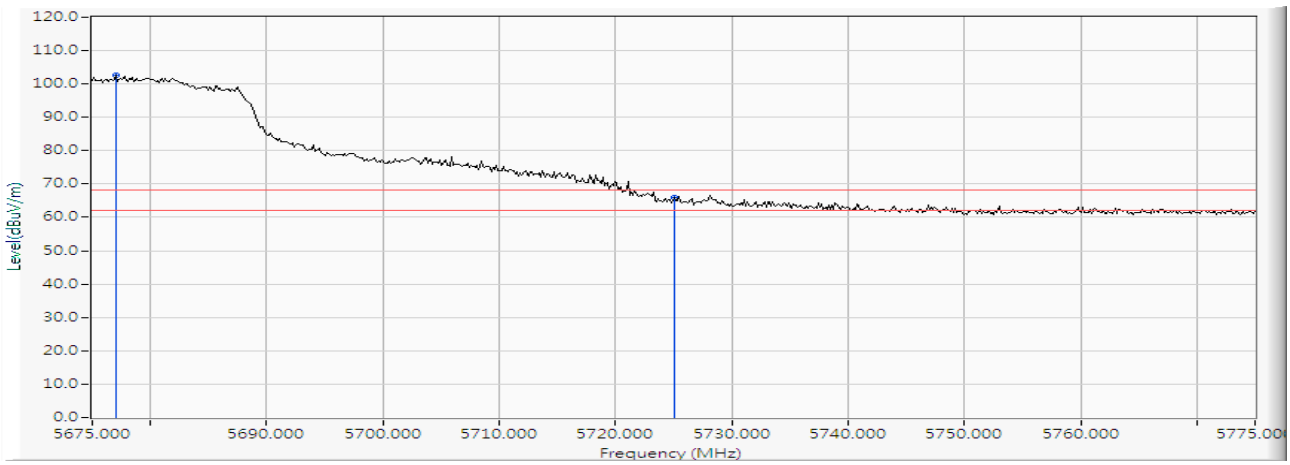
Vertical



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5468.406	16.943	47.418	64.361	-3.859	68.220	PEAK
2		5470.000	16.957	46.131	63.088	-5.132	68.220	PEAK
3	*	5501.884	17.188	89.528	106.715	--	--	PEAK

Product : Flat Panel Detector
Test Item : Band Edge Data
Test Date : 2019/08/07
Test Mode : Mode 3 MIMO: Transmit (802.11n-40BW_30Mbps)-Channel 134 (5670MHz)

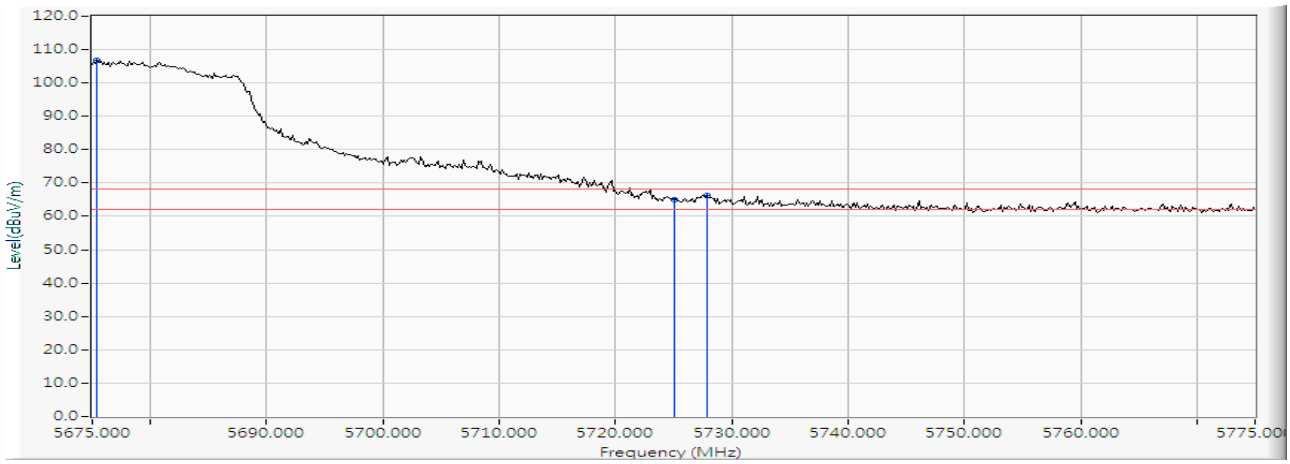
Horizontal



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5677.029	16.693	86.051	102.743	--	--	PEAK
2		5725.000	16.624	49.388	66.012	-2.208	68.220	PEAK

Product : Flat Panel Detector
Test Item : Band Edge Data
Test Date : 2019/08/07
Test Mode : Mode 3 MIMO: Transmit (802.11n-40BW_30Mbps)-Channel 134 (5670MHz)

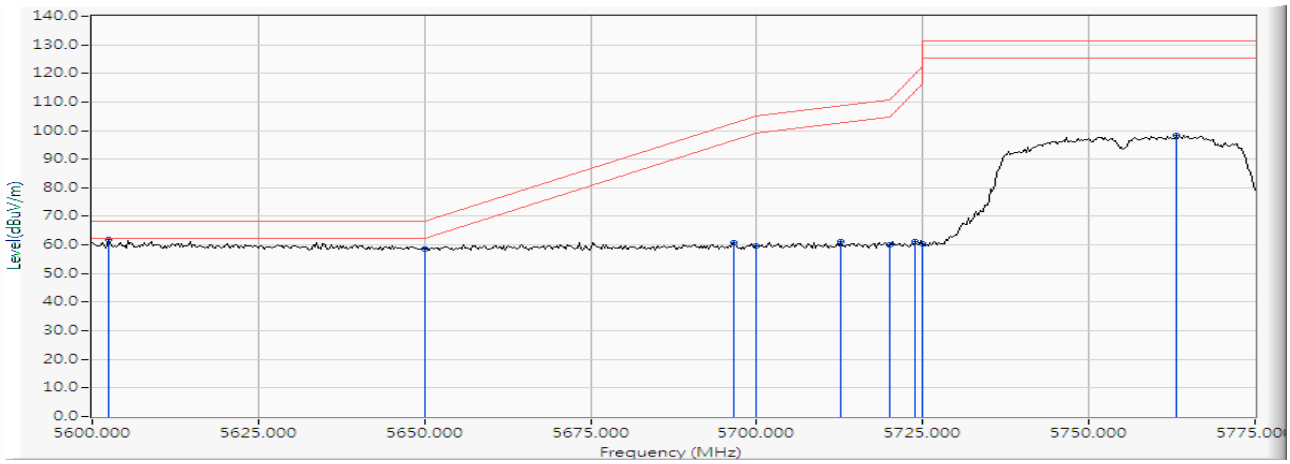
Vertical



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5675.435	16.697	90.041	106.738	--	--	PEAK
2		5725.000	16.624	48.487	65.111	-3.109	68.220	PEAK
3		5727.899	16.624	49.670	66.294	-1.926	68.220	PEAK

Product : Flat Panel Detector
Test Item : Band Edge Data
Test Date : 2019/08/07
Test Mode : Mode 3 MIMO: Transmit (802.11n-40BW_30Mbps)-Channel 151 (5755MHz)

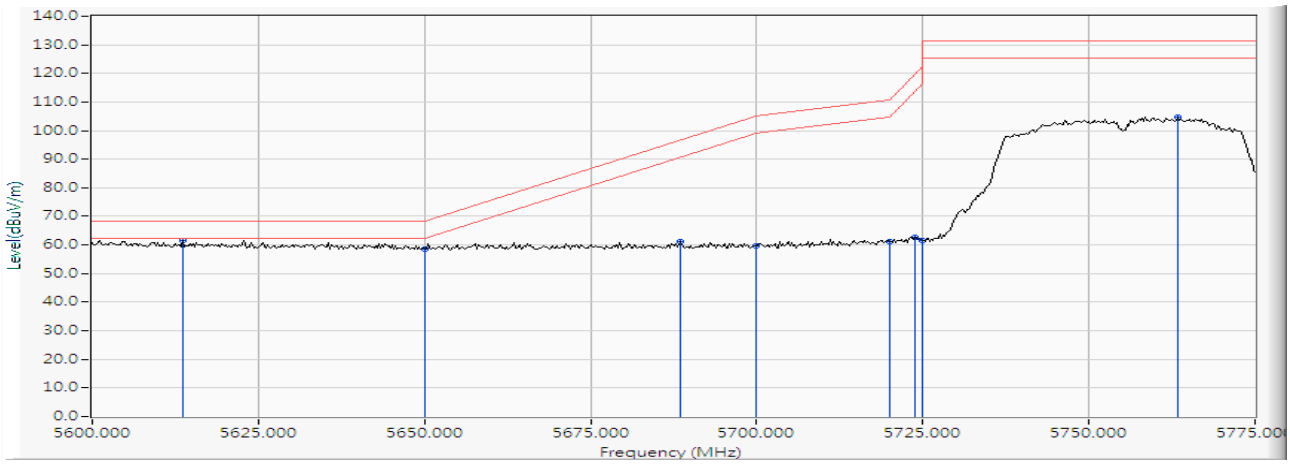
Horizontal



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5602.536	16.913	45.148	62.061	-6.159	68.220	PEAK
2		5650.000	16.772	41.898	58.670	-9.550	68.220	PEAK
3		5696.630	16.641	44.223	60.864	-41.844	102.708	PEAK
4		5700.000	16.636	43.042	59.678	-45.522	105.200	PEAK
5		5712.609	16.623	44.490	61.113	-47.618	108.731	PEAK
6		5720.000	16.623	43.593	60.216	-50.584	110.800	PEAK
7		5723.768	16.623	44.654	61.278	-58.113	119.391	PEAK
8		5725.000	16.624	43.649	60.273	-61.927	122.200	PEAK
9		5763.080	16.678	81.687	98.366	-32.834	131.200	PEAK

Product : Flat Panel Detector
Test Item : Band Edge Data
Test Date : 2019/08/07
Test Mode : Mode 3 MIMO: Transmit (802.11n-40BW_30Mbps)-Channel 151 (5755MHz)

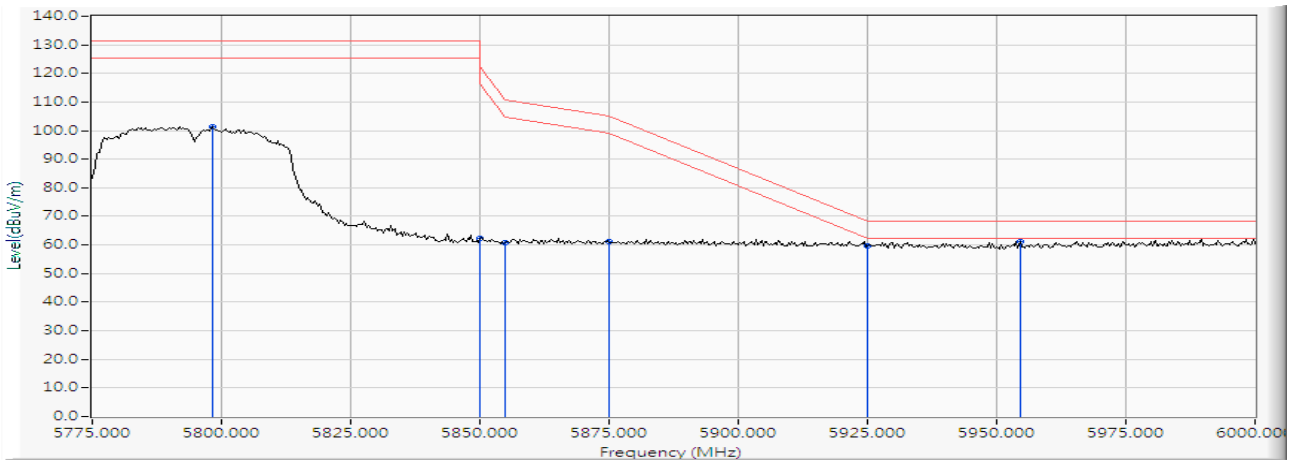
Vertical



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5613.696	16.880	44.839	61.719	-6.501	68.220	PEAK
2		5650.000	16.772	41.873	58.645	-9.575	68.220	PEAK
3		5688.514	16.658	44.469	61.127	-35.578	96.705	PEAK
4		5700.000	16.636	43.021	59.657	-45.543	105.200	PEAK
5		5720.000	16.623	44.546	61.169	-49.631	110.800	PEAK
6		5723.768	16.623	46.197	62.821	-56.570	119.391	PEAK
7		5725.000	16.624	44.875	61.499	-60.701	122.200	PEAK
8		5763.333	16.679	87.914	104.594	-26.606	131.200	PEAK

Product : Flat Panel Detector
Test Item : Band Edge Data
Test Date : 2019/08/07
Test Mode : Mode 3 MIMO: Transmit (802.11n-40BW_30Mbps)-Channel 159 (5795MHz)

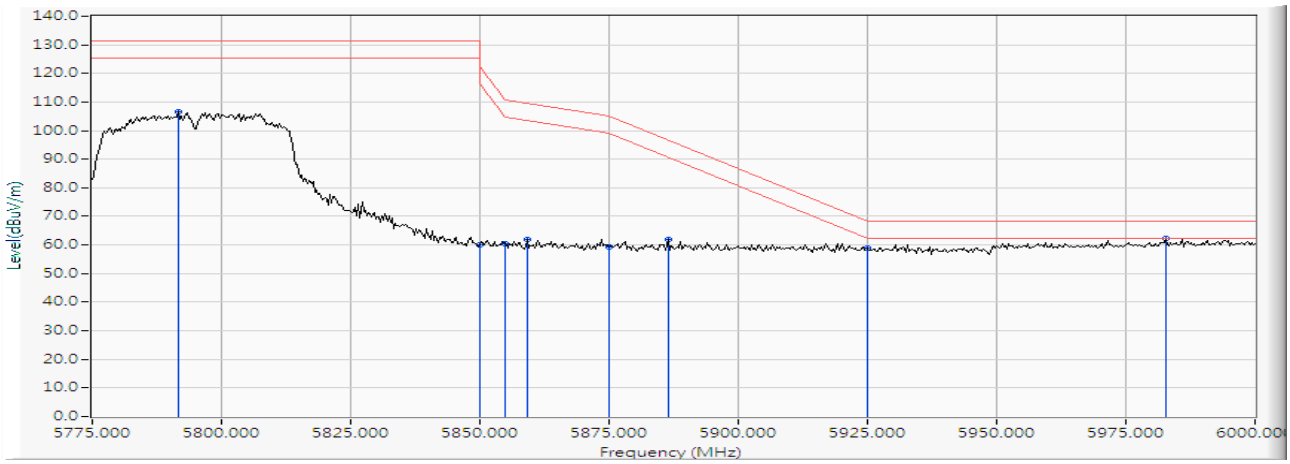
Horizontal



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5798.152	16.823	84.553	101.376	-29.824	131.200	PEAK
2		5850.000	17.081	45.097	62.178	-60.022	122.200	PEAK
3		5855.000	17.106	43.779	60.885	-49.915	110.800	PEAK
4		5875.000	17.208	43.923	61.131	-44.069	105.200	PEAK
5		5925.000	17.361	42.165	59.526	-8.694	68.220	PEAK
6	*	5954.674	17.392	43.640	61.032	-7.188	68.220	PEAK

Product : Flat Panel Detector
Test Item : Band Edge Data
Test Date : 2019/08/07
Test Mode : Mode 3 MIMO: Transmit (802.11n-40BW_30Mbps)-Channel 159 (5795MHz)

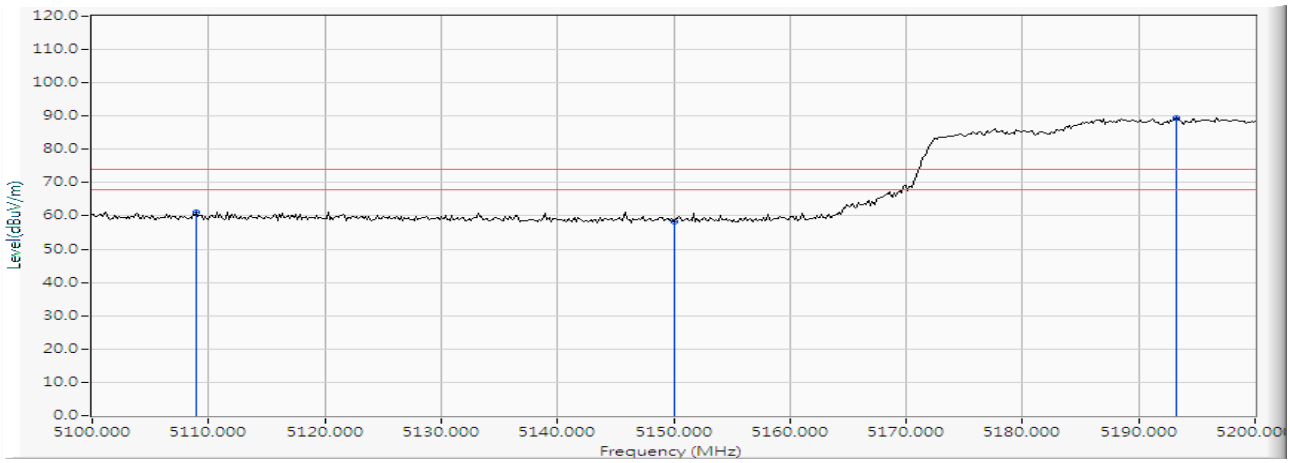
Vertical



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5791.630	16.795	89.761	106.556	-24.644	131.200	PEAK
2		5850.000	17.081	42.884	59.965	-62.235	122.200	PEAK
3		5855.000	17.106	43.345	60.451	-50.349	110.800	PEAK
4		5859.130	17.128	44.683	61.810	-47.834	109.644	PEAK
5		5875.000	17.208	42.267	59.475	-45.725	105.200	PEAK
6		5886.522	17.265	44.543	61.809	-34.869	96.678	PEAK
7		5925.000	17.361	41.728	59.089	-9.131	68.220	PEAK
8	*	5982.717	17.422	44.843	62.265	-5.955	68.220	PEAK

Product : Flat Panel Detector
Test Item : Band Edge Data
Test Date : 2019/08/06
Test Mode : Mode 3 MIMO: Transmit (802.11ac-80BW_65Mbps) -Channel 42 (5210MHz)

Horizontal



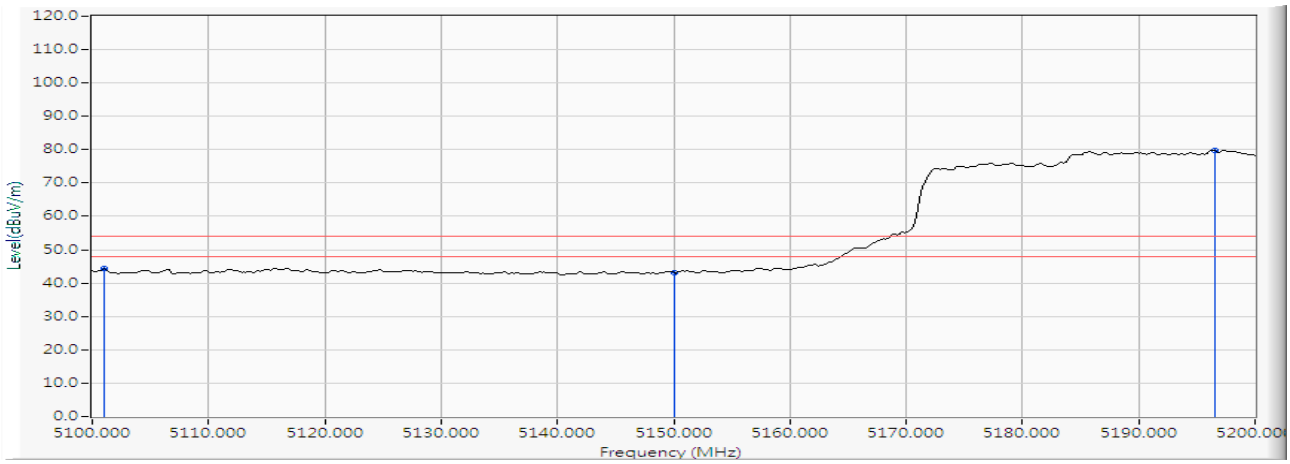
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5108.986	16.644	44.432	61.076	-12.924	74.000	PEAK
2		5150.000	16.185	42.082	58.267	-15.733	74.000	PEAK
3	*	5193.188	15.692	73.738	89.430	--	--	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Flat Panel Detector
Test Item : Band Edge Data
Test Date : 2019/08/06
Test Mode : Mode 3 MIMO: Transmit (802.11ac-80BW_65Mbps) -Channel 42 (5210MHz)

Horizontal



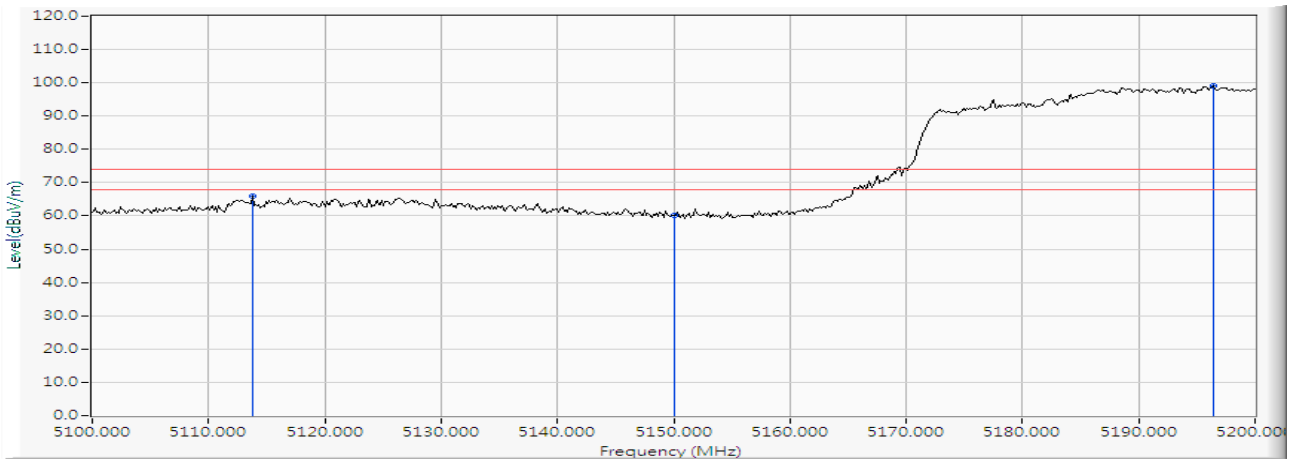
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5101.014	16.721	27.579	44.301	-9.699	54.000	AVERAGE
2		5150.000	16.185	26.834	43.019	-10.981	54.000	AVERAGE
3	*	5196.522	15.655	64.222	79.876	--	--	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Flat Panel Detector
Test Item : Band Edge Data
Test Date : 2019/08/06
Test Mode : Mode 3 MIMO: Transmit (802.11ac-80BW_65Mbps) -Channel 42 (5210MHz)

Vertical



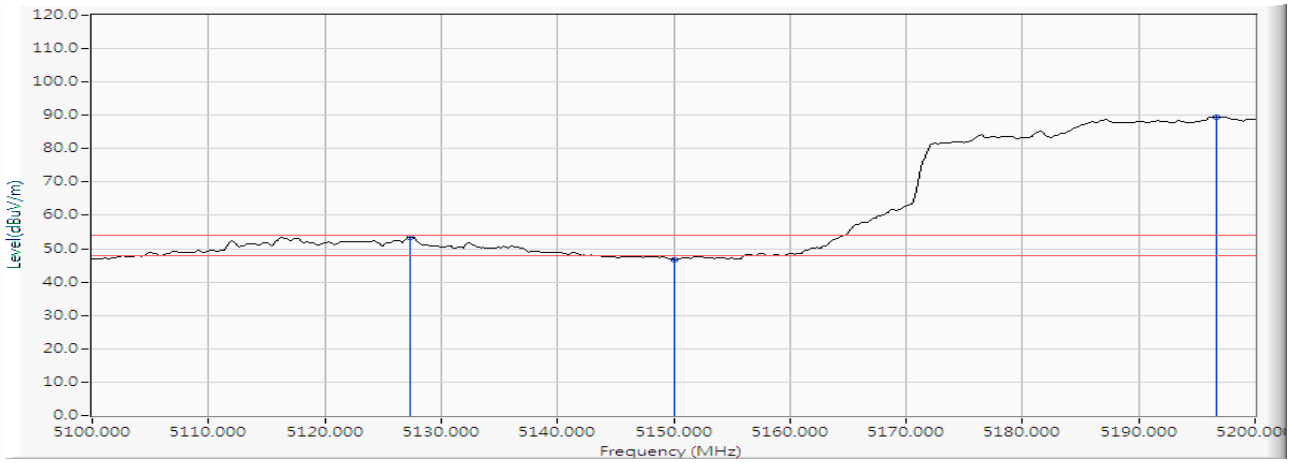
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5113.768	16.599	49.433	66.031	-7.969	74.000	PEAK
2		5150.000	16.185	44.134	60.319	-13.681	74.000	PEAK
3	*	5196.377	15.656	83.346	99.002	--	--	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Flat Panel Detector
Test Item : Band Edge Data
Test Date : 2019/08/06
Test Mode : Mode 3 MIMO: Transmit (802.11ac-80BW_65Mbps) -Channel 42 (5210MHz)

Vertical



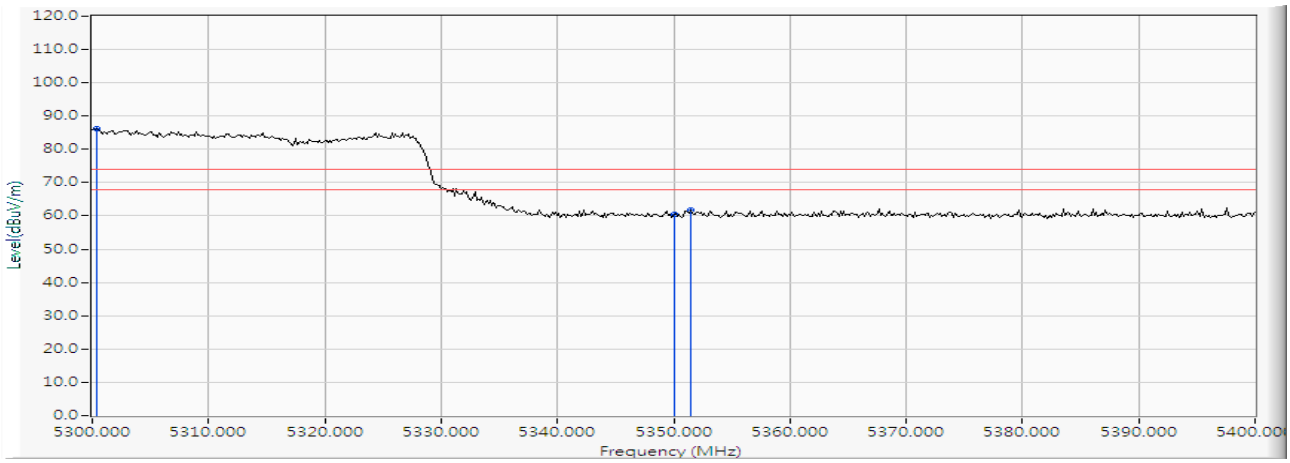
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5127.391	16.443	37.080	53.523	-0.477	54.000	AVERAGE
2		5150.000	16.185	30.386	46.571	-7.429	54.000	AVERAGE
3	*	5196.667	15.652	73.923	89.576	--	--	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Flat Panel Detector
Test Item : Band Edge Data
Test Date : 2019/08/06
Test Mode : Mode 3 MIMO: Transmit (802.11ac-80BW_65Mbps) -Channel 58 (5290MHz)

Horizontal



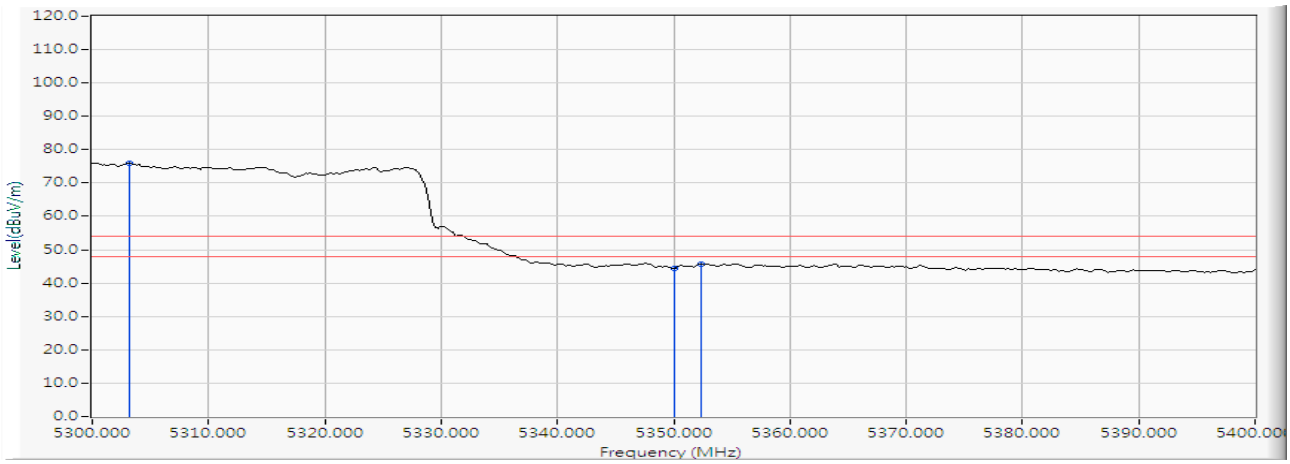
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5300.435	15.387	70.957	86.344	--	--	PEAK
2		5350.000	15.865	44.627	60.491	-13.509	74.000	PEAK
3		5351.449	15.879	45.985	61.863	-12.137	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Flat Panel Detector
Test Item : Band Edge Data
Test Date : 2019/08/06
Test Mode : Mode 3 MIMO: Transmit (802.11ac-80BW_65Mbps) -Channel 58 (5290MHz)

Horizontal



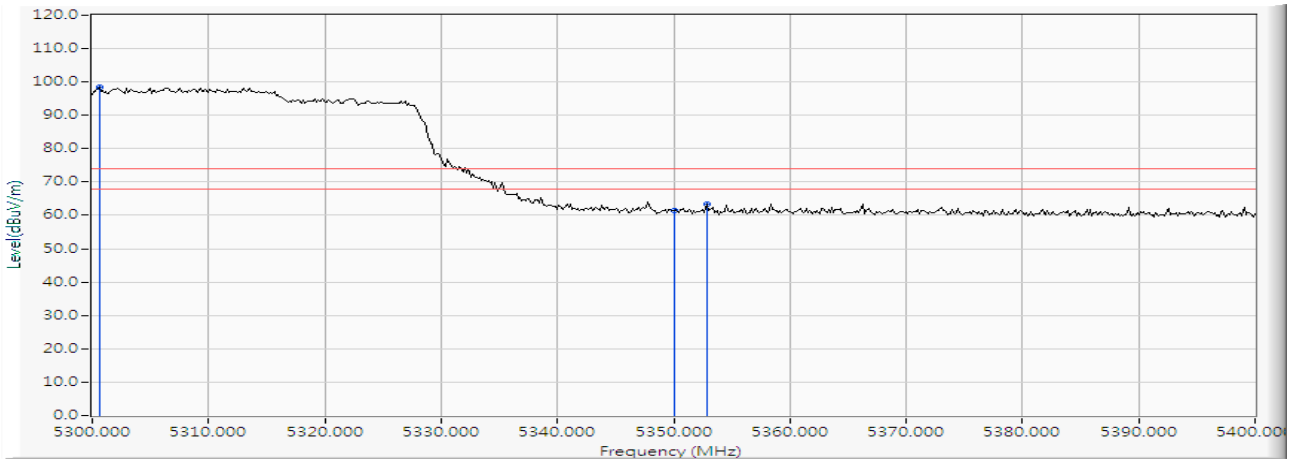
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5303.188	15.411	60.640	76.050	--	--	AVERAGE
2		5350.000	15.865	28.680	44.544	-9.456	54.000	AVERAGE
3		5352.319	15.887	29.874	45.761	-8.239	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Flat Panel Detector
Test Item : Band Edge Data
Test Date : 2019/08/06
Test Mode : Mode 3 MIMO: Transmit (802.11ac-80BW_65Mbps) -Channel 58 (5290MHz)

Vertical



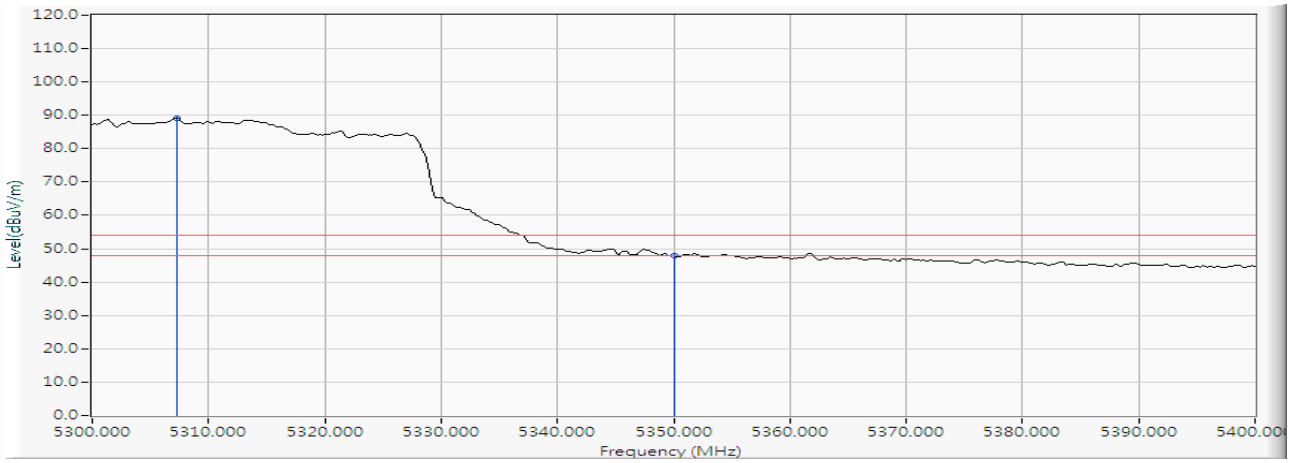
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5300.580	15.387	83.036	98.423	--	--	PEAK
2		5350.000	15.865	45.630	61.494	-12.506	74.000	PEAK
3		5352.899	15.893	47.375	63.268	-10.732	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Flat Panel Detector
Test Item : Band Edge Data
Test Date : 2019/08/06
Test Mode : Mode 3 MIMO: Transmit (802.11ac-80BW_65Mbps) -Channel 58 (5290MHz)

Vertical



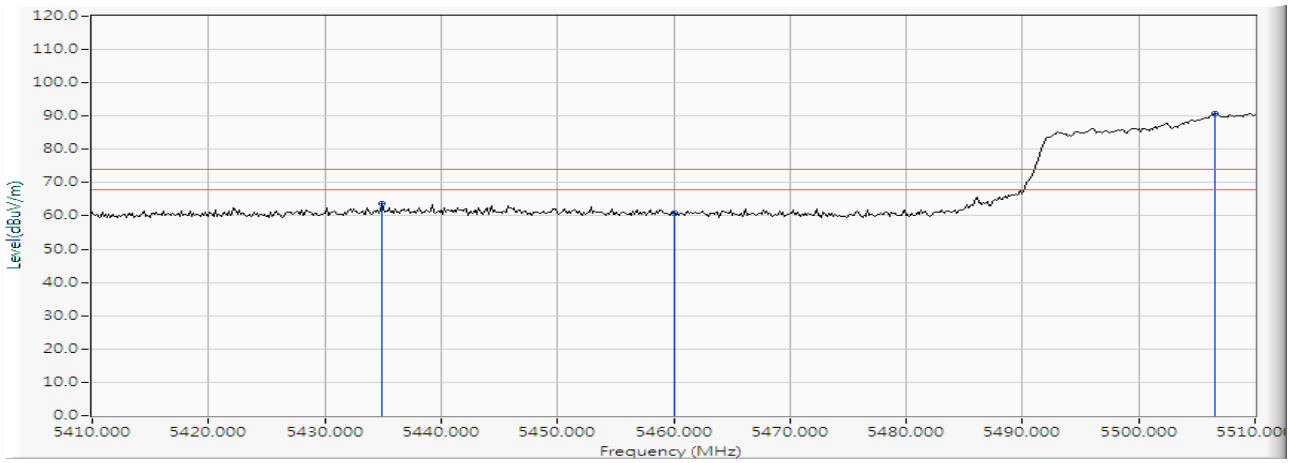
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5307.246	15.450	73.770	89.220	--	--	AVERAGE
2		5350.000	15.865	31.921	47.785	-6.215	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Flat Panel Detector
Test Item : Band Edge Data
Test Date : 2019/08/07
Test Mode : Mode 3 MIMO: Transmit (802.11ac-80BW_65Mbps) -Channel 106 (5530MHz)

Horizontal



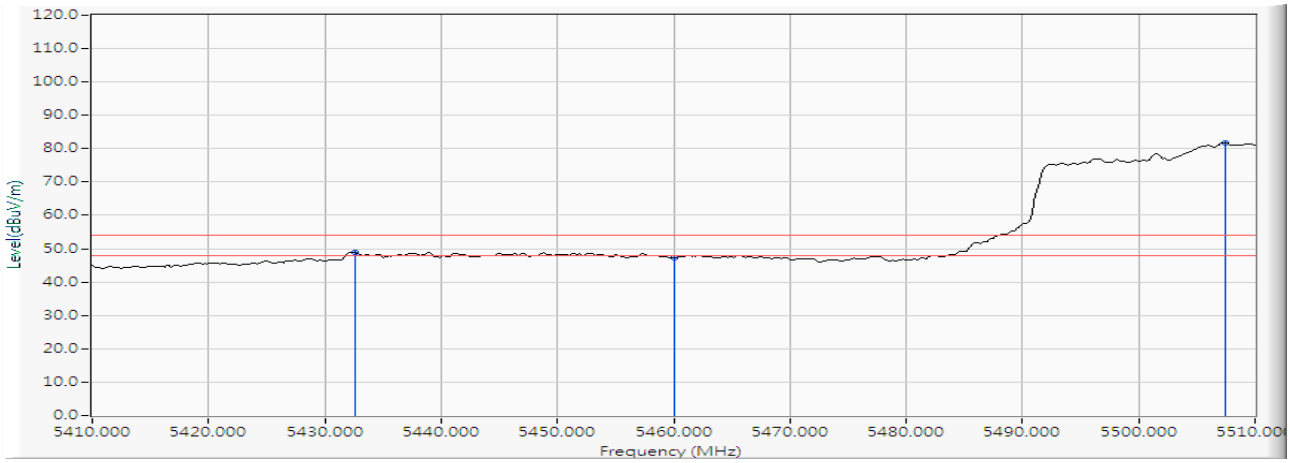
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5434.928	16.652	46.998	63.650	-10.350	74.000	PEAK
2		5460.000	16.870	43.853	60.723	-13.277	74.000	PEAK
3	*	5506.522	17.198	73.456	90.655	--	--	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Flat Panel Detector
Test Item : Band Edge Data
Test Date : 2019/08/07
Test Mode : Mode 3 MIMO: Transmit (802.11ac-80BW_65Mbps) -Channel 106 (5530MHz)

Horizontal



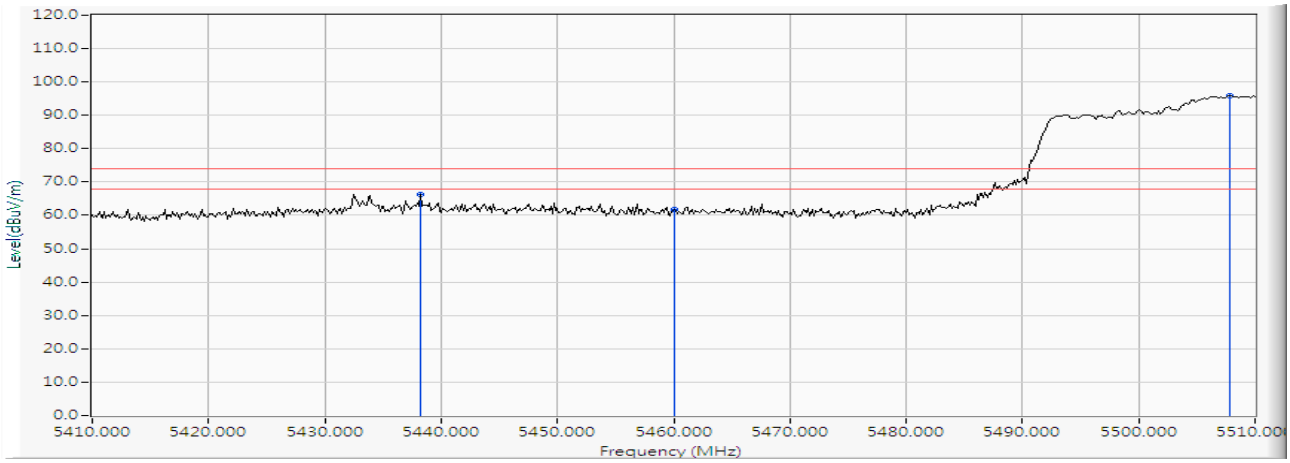
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5432.609	16.632	32.303	48.935	-5.065	54.000	AVERAGE
2		5460.000	16.870	30.389	47.259	-6.741	54.000	AVERAGE
3	*	5507.391	17.196	64.604	81.800	--	--	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Flat Panel Detector
Test Item : Band Edge Data
Test Date : 2019/08/07
Test Mode : Mode 3 MIMO: Transmit (802.11ac-80BW_65Mbps) -Channel 106 (5530MHz)

Vertical



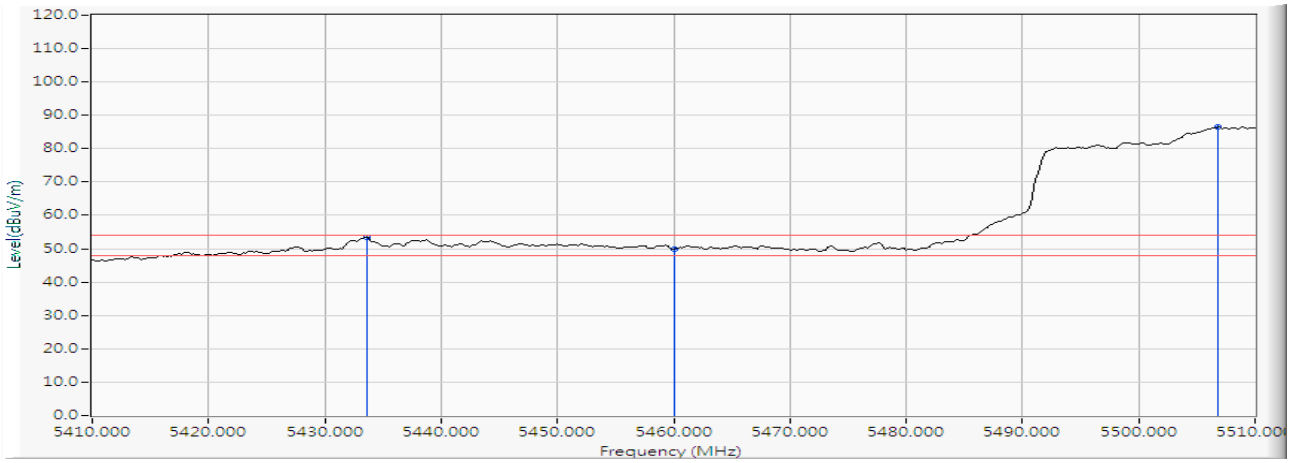
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5438.261	16.682	49.594	66.275	-7.725	74.000	PEAK
2		5460.000	16.870	44.914	61.784	-12.216	74.000	PEAK
3	*	5507.826	17.195	78.691	95.885	--	--	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Flat Panel Detector
Test Item : Band Edge Data
Test Date : 2019/08/07
Test Mode : Mode 3 MIMO: Transmit (802.11ac-80BW_65Mbps) -Channel 106 (5530MHz)

Vertical



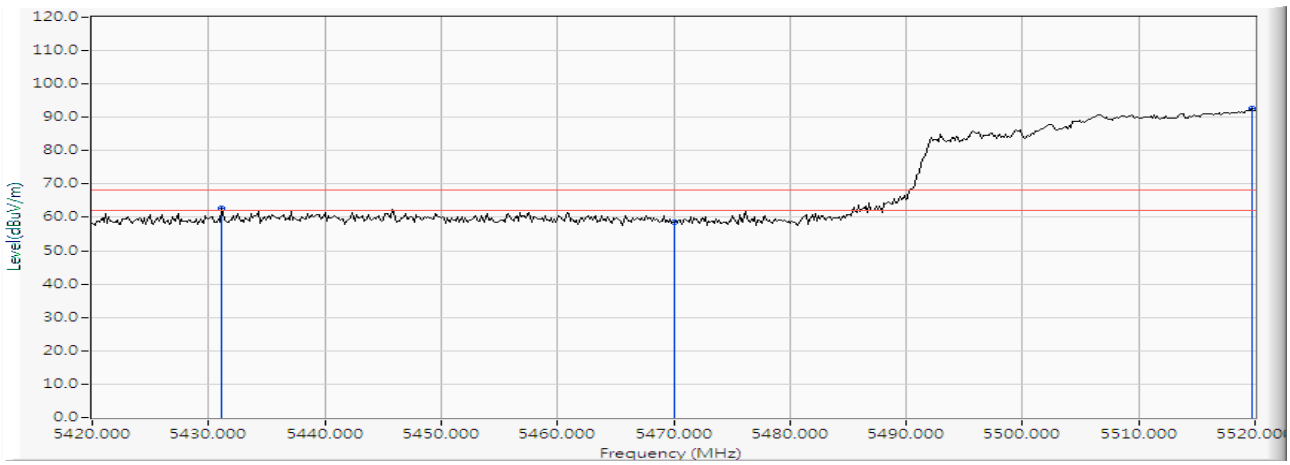
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5433.623	16.640	36.865	53.506	-0.494	54.000	AVERAGE
2		5460.000	16.870	32.973	49.843	-4.157	54.000	AVERAGE
3	*	5506.812	17.197	69.337	86.535	--	--	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Flat Panel Detector
Test Item : Band Edge Data
Test Date : 2019/08/07
Test Mode : Mode 3 MIMO: Transmit (802.11ac-80BW_65Mbps) -Channel 106 (5530MHz)

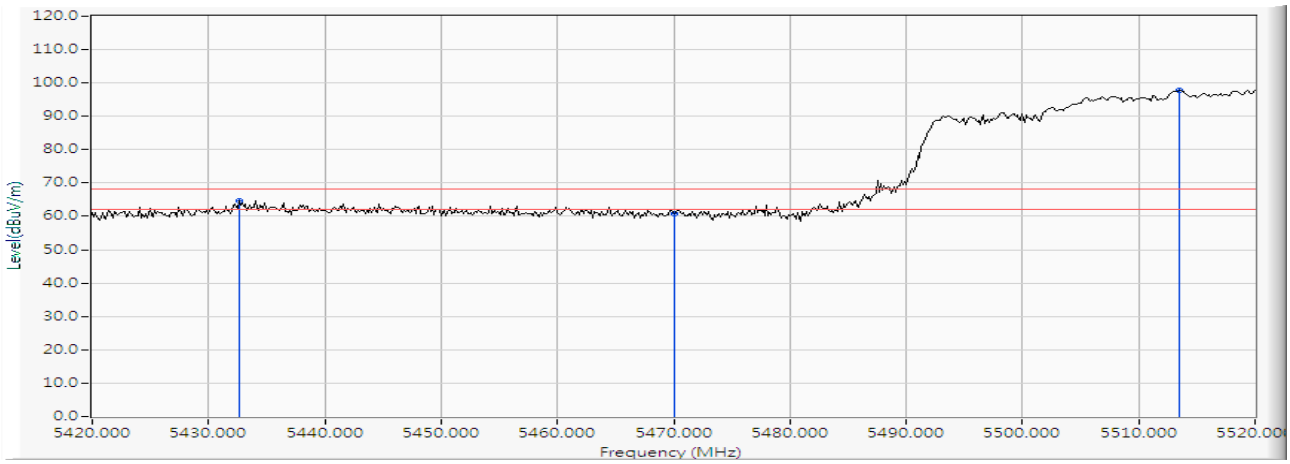
Horizontal



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5431.159	16.619	46.132	62.751	-5.469	68.220	PEAK
2		5470.000	16.957	41.651	58.608	-9.612	68.220	PEAK
3	*	5519.710	17.158	75.388	92.547	--	--	PEAK

Product : Flat Panel Detector
Test Item : Band Edge Data
Test Date : 2019/08/07
Test Mode : Mode 3 MIMO: Transmit (802.11ac-80BW_65Mbps) -Channel 106 (5530MHz)

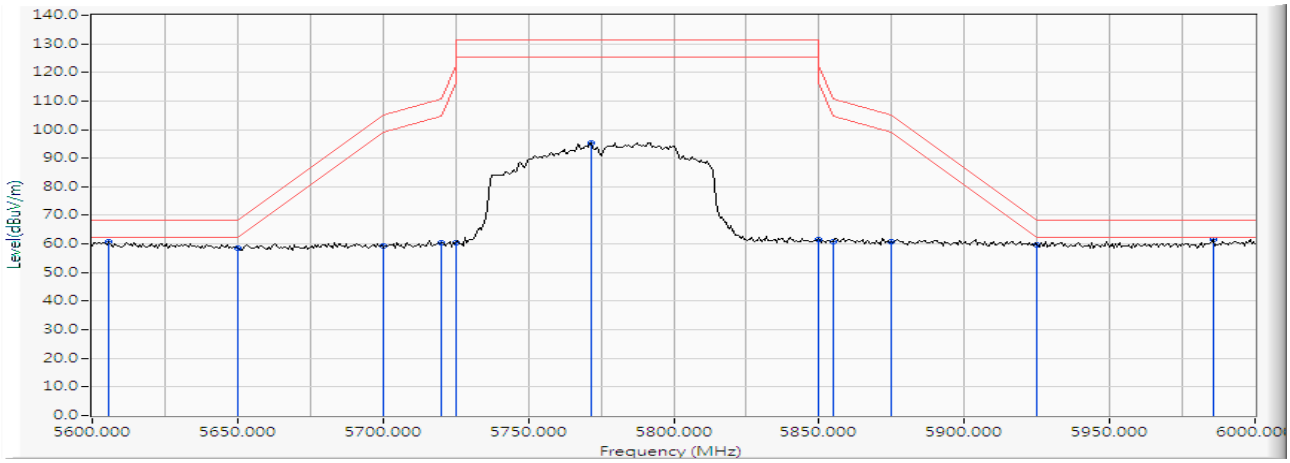
Vertical



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5432.609	16.632	48.150	64.782	-3.438	68.220	PEAK
2		5470.000	16.957	43.980	60.937	-7.283	68.220	PEAK
3	*	5513.478	17.178	80.627	97.804	--	--	PEAK

Product : Flat Panel Detector
Test Item : Band Edge Data
Test Date : 2019/08/07
Test Mode : Mode 3 MIMO: Transmit (802.11ac-80BW_65Mbps) -Channel 155 (5775MHz)

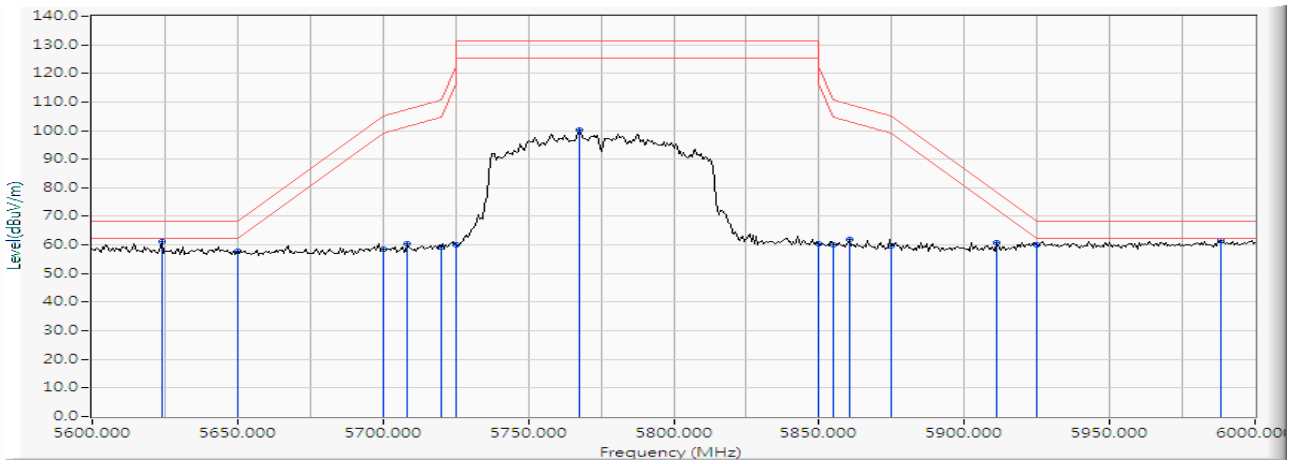
Horizontal



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5605.797	16.903	44.086	60.989	-7.231	68.220	PEAK
2		5650.000	16.772	41.730	58.502	-9.718	68.220	PEAK
3		5700.000	16.636	42.595	59.231	-45.969	105.200	PEAK
4		5720.000	16.623	43.729	60.352	-50.448	110.800	PEAK
5		5725.000	16.624	43.905	60.529	-61.671	122.200	PEAK
6		5771.594	16.713	78.735	95.447	-35.753	131.200	PEAK
7		5850.000	17.081	44.622	61.703	-60.497	122.200	PEAK
8		5855.000	17.106	43.654	60.760	-50.040	110.800	PEAK
9		5875.000	17.208	43.528	60.736	-44.464	105.200	PEAK
10		5925.000	17.361	42.336	59.697	-8.523	68.220	PEAK
11	*	5985.507	17.425	44.178	61.603	-6.617	68.220	PEAK

Product : Flat Panel Detector
Test Item : Band Edge Data
Test Date : 2019/08/07
Test Mode : Mode 3 MIMO: Transmit (802.11ac-80BW_65Mbps) -Channel 155 (5775MHz)

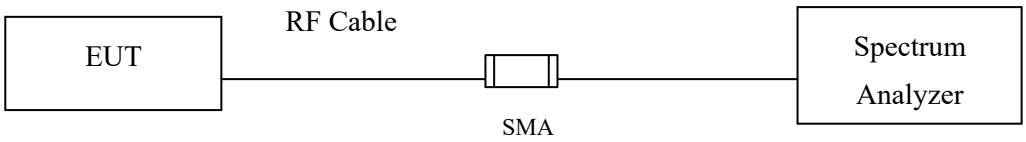
Vertical



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5623.768	16.850	44.294	61.144	-7.076	68.220	PEAK
2		5650.000	16.772	40.859	57.631	-10.589	68.220	PEAK
3		5700.000	16.636	41.786	58.422	-46.778	105.200	PEAK
4		5708.406	16.624	43.689	60.313	-47.241	107.554	PEAK
5		5720.000	16.623	42.650	59.273	-51.527	110.800	PEAK
6		5725.000	16.624	43.493	60.117	-62.083	122.200	PEAK
7		5767.536	16.697	83.351	100.048	-31.152	131.200	PEAK
8		5850.000	17.081	43.163	60.244	-61.956	122.200	PEAK
9		5855.000	17.106	43.122	60.228	-50.572	110.800	PEAK
10		5860.290	17.133	44.729	61.862	-47.457	109.319	PEAK
11		5875.000	17.208	42.394	59.602	-45.598	105.200	PEAK
12		5911.304	17.344	43.525	60.870	-17.480	78.350	PEAK
13		5925.000	17.361	42.569	59.930	-8.290	68.220	PEAK
14	*	5988.406	17.428	44.039	61.467	-6.753	68.220	PEAK

5. Duty Cycle

5.1. Test Setup



5.2. Test Procedure

The EUT was setup according to ANSI C63.10 2013; tested according to U-NII test procedure of KDB789033 for compliance to FCC 47CFR 15.407 requirements.

5.3. Uncertainty

± 2.31msec

5.4. Test Result of Duty Cycle

Product : Flat Panel Detector
Test Item : Duty Cycle
Test Mode : Transmit-SISO A

Duty Cycle Formula:

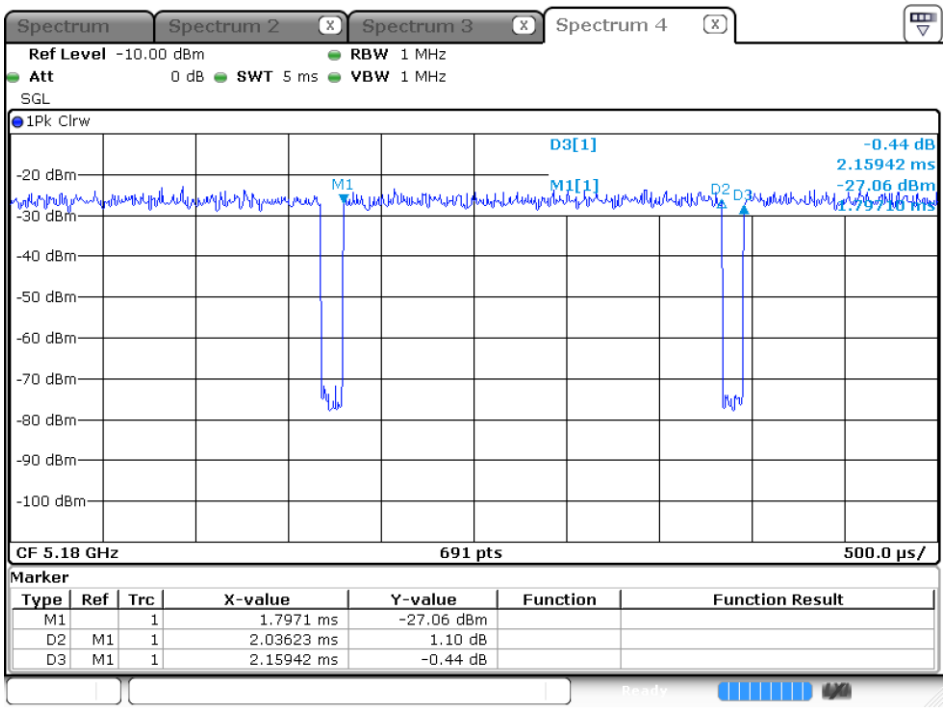
Duty Cycle = Ton / (Ton + Toff)

Duty Factor = 10 Log (1/Duty Cycle)

Results:

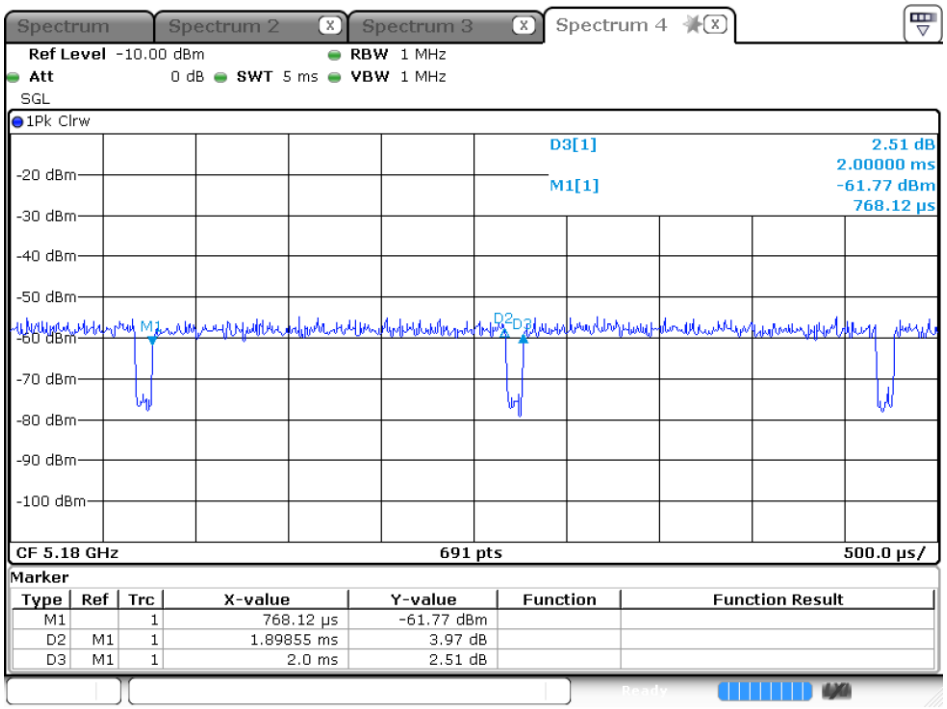
5GHz band	Ton (ms)	Ton + Toff (ms)	Duty Cycle (%)	Duty Factor (dB)
802.11a	2.0362	2.1594	94.30	0.26
802.11n20	1.8986	2.0000	94.93	0.23
802.11n40	0.8986	1.1087	81.05	0.91
802.11ac80	0.4232	0.5449	77.66	1.10

802.11a



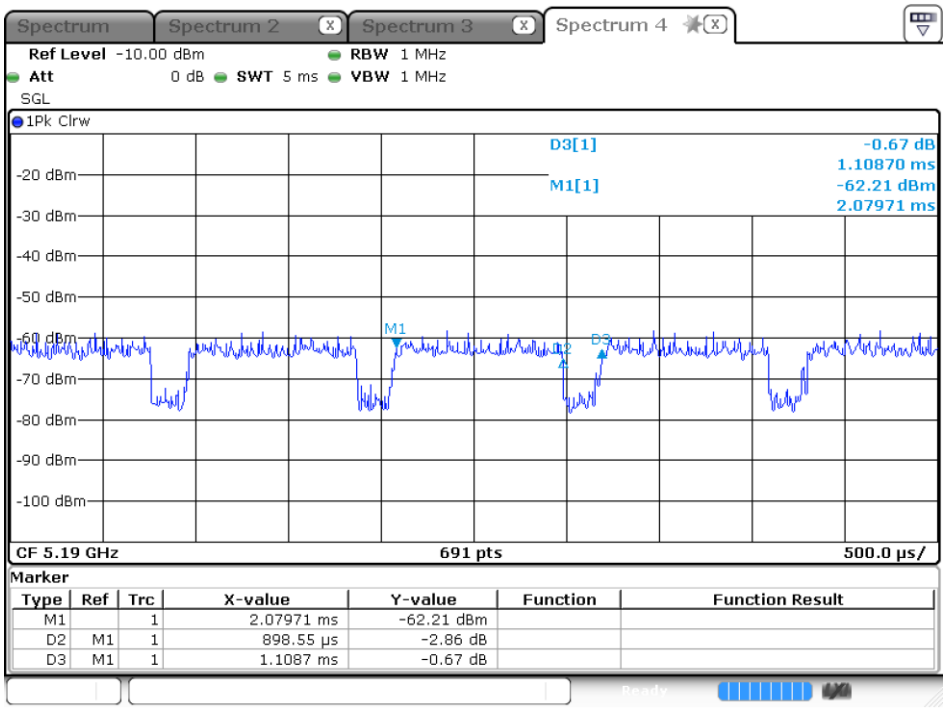
Date: 12.JAN.2007 12:36:36

802.11n20



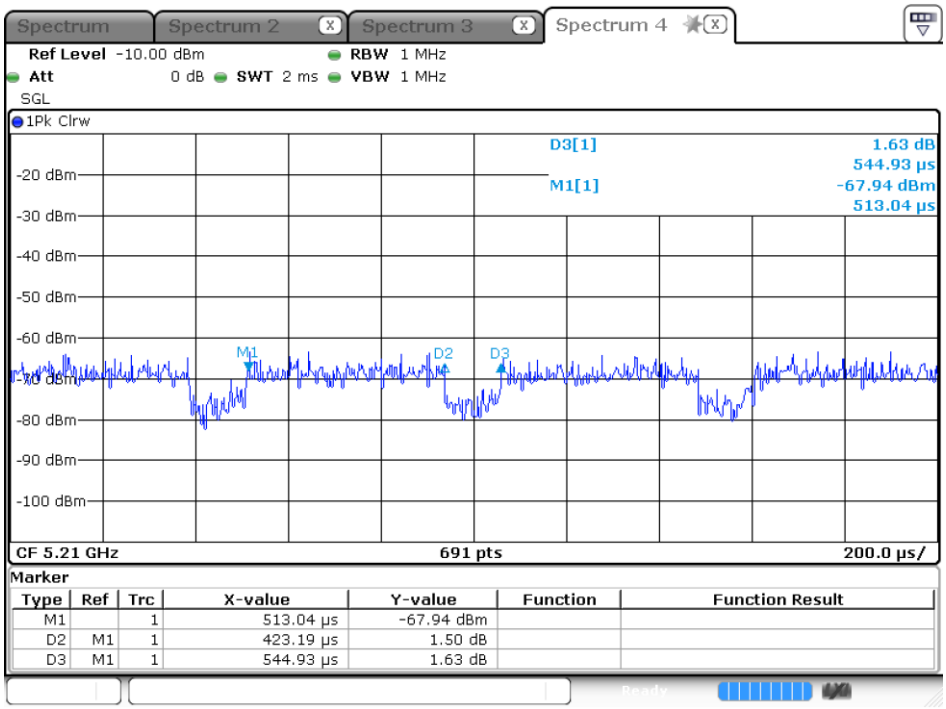
Date: 3.OCT.2019 15:28:50

802.11n40



Date: 3.OCT.2019 15:29:30

802.11ac80



Date: 3.OCT.2019 15:30:25

Product : Flat Panel Detector
Test Item : Duty Cycle
Test Mode : Transmit-SISO B

Duty Cycle Formula:

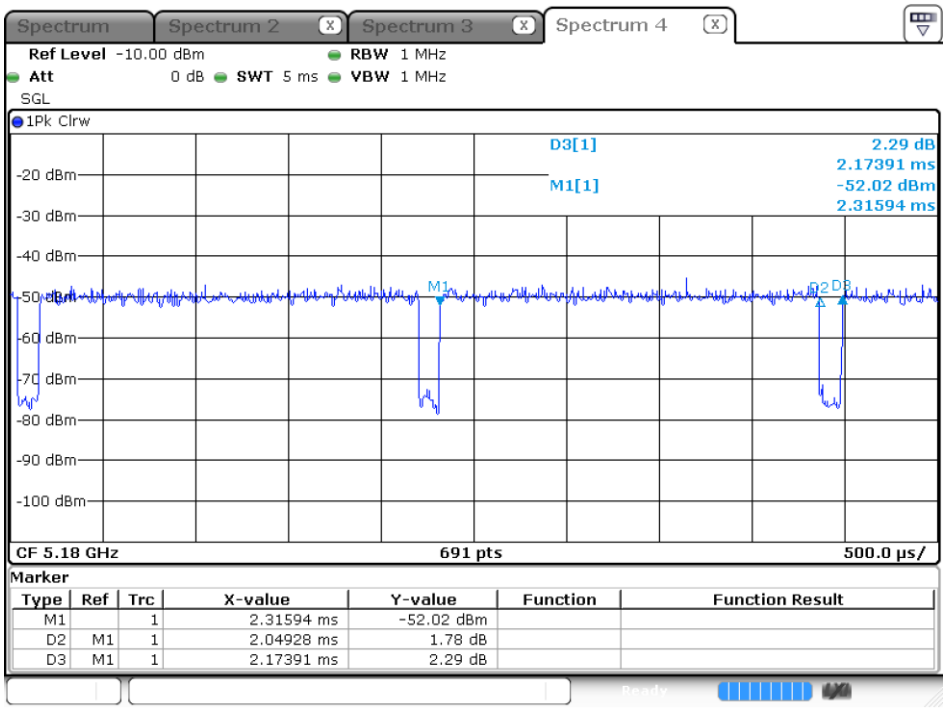
Duty Cycle = Ton / (Ton + Toff)

Duty Factor = 10 Log (1/Duty Cycle)

Results:

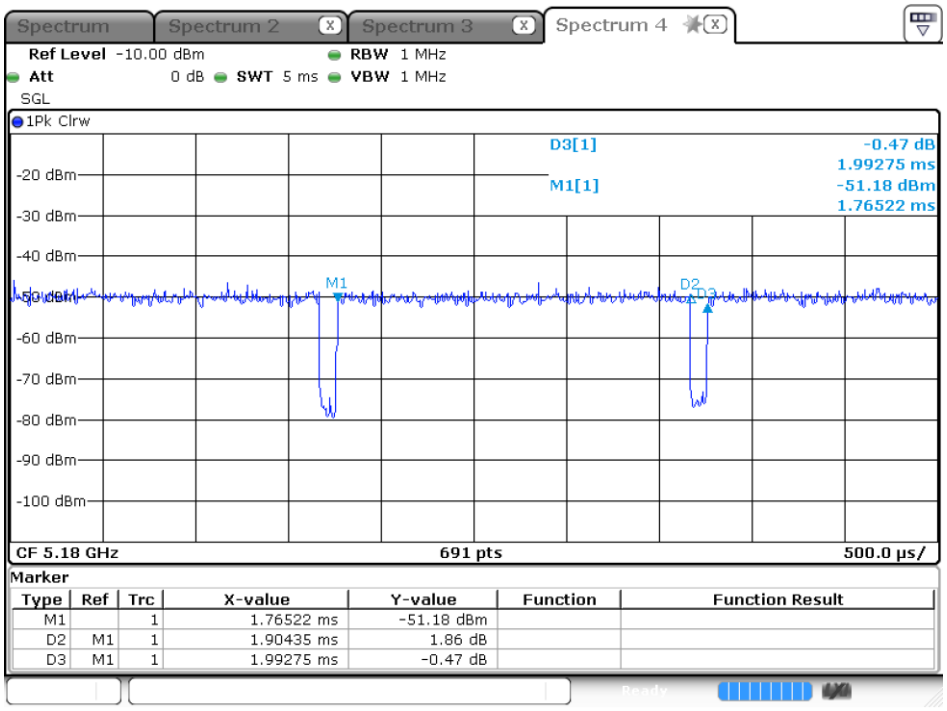
5GHz band	Ton (ms)	Ton + Toff (ms)	Duty Cycle (%)	Duty Factor (dB)
802.11a	2.0493	2.1739	94.27	0.26
802.11n20	1.9044	1.9928	95.56	0.20
802.11n40	0.9116	1.1087	82.22	0.85
802.11ac80	0.4261	0.5507	77.37	1.11

802.11a



Date: 3.OCT.2019 15:34:16

802.11n20



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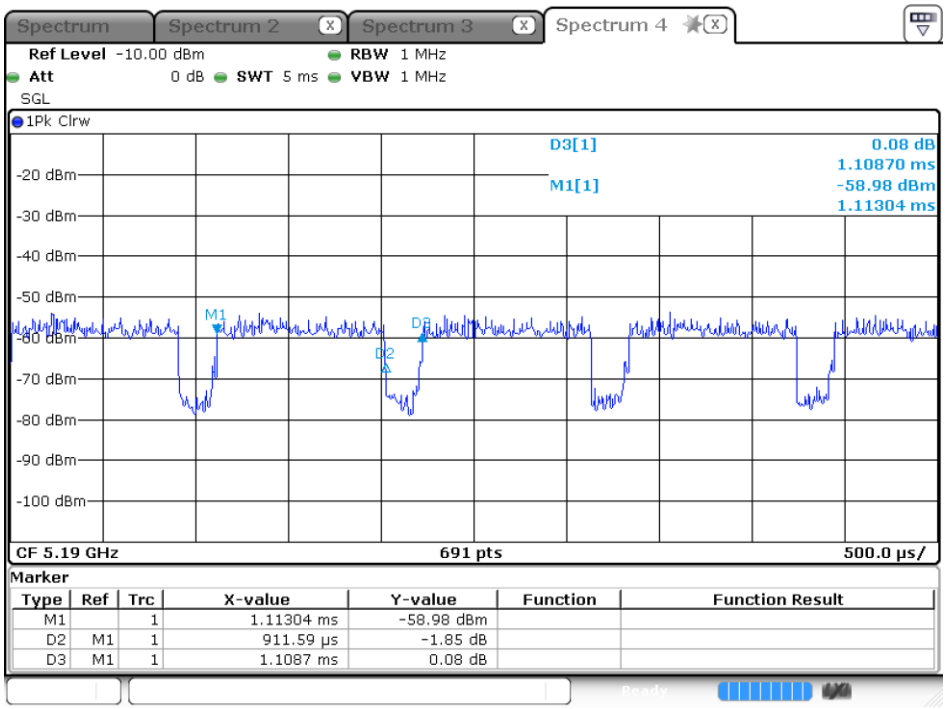
802.11n40



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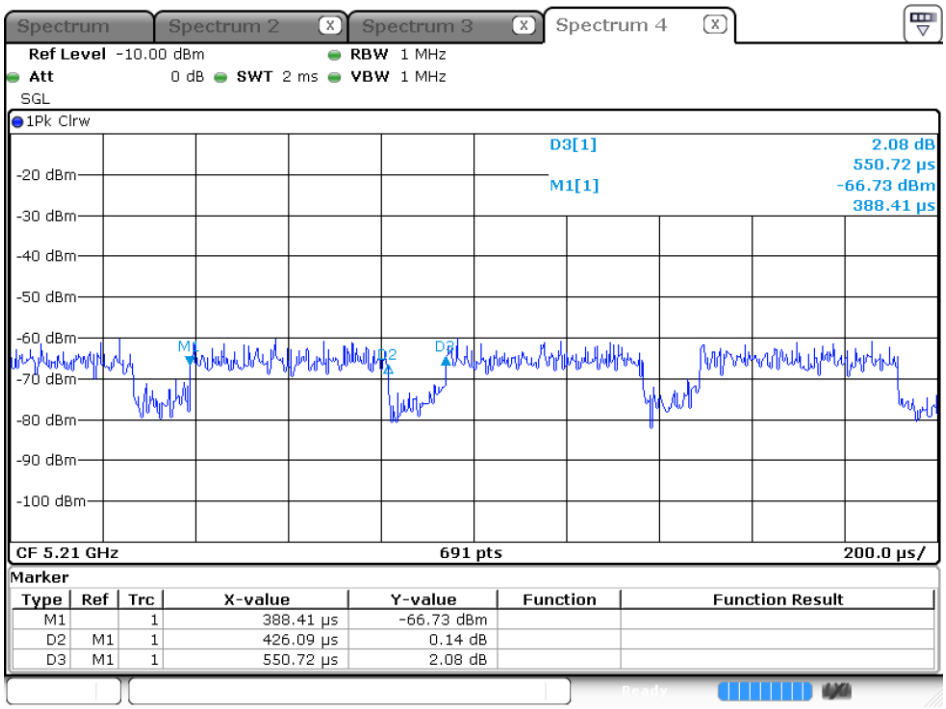
802.11ac80



Date: 3.OCT.2019 15:31:14

Product : Flat Panel Detector
Test Item : Duty Cycle
Test Mode : Transmit-MIMO

Duty Cycle Formula:

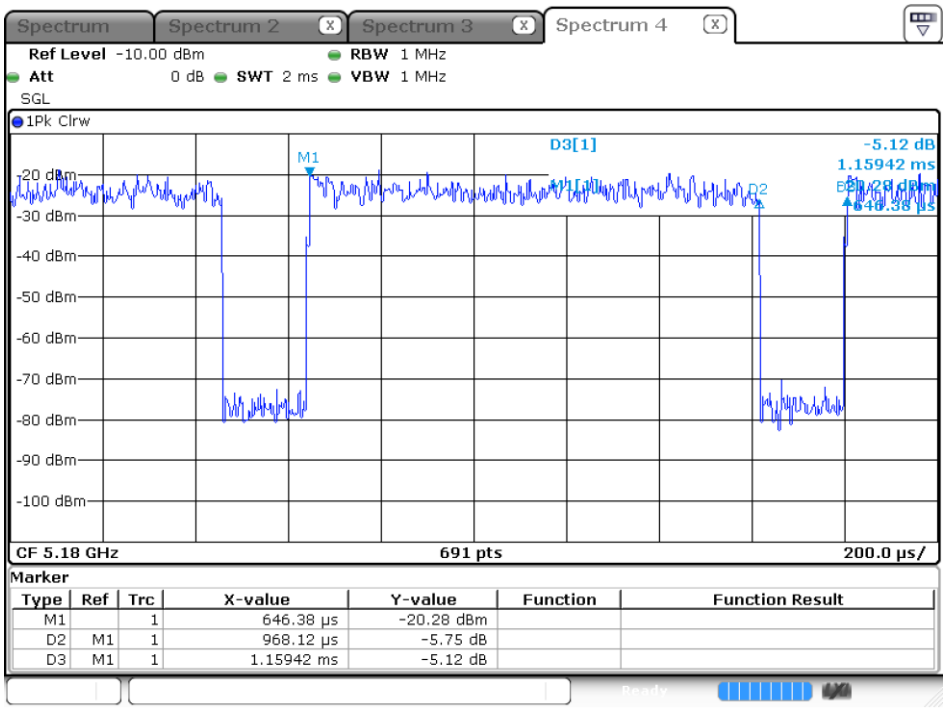
Duty Cycle = Ton / (Ton + Toff)

Duty Factor = 10 Log (1/Duty Cycle)

Results:

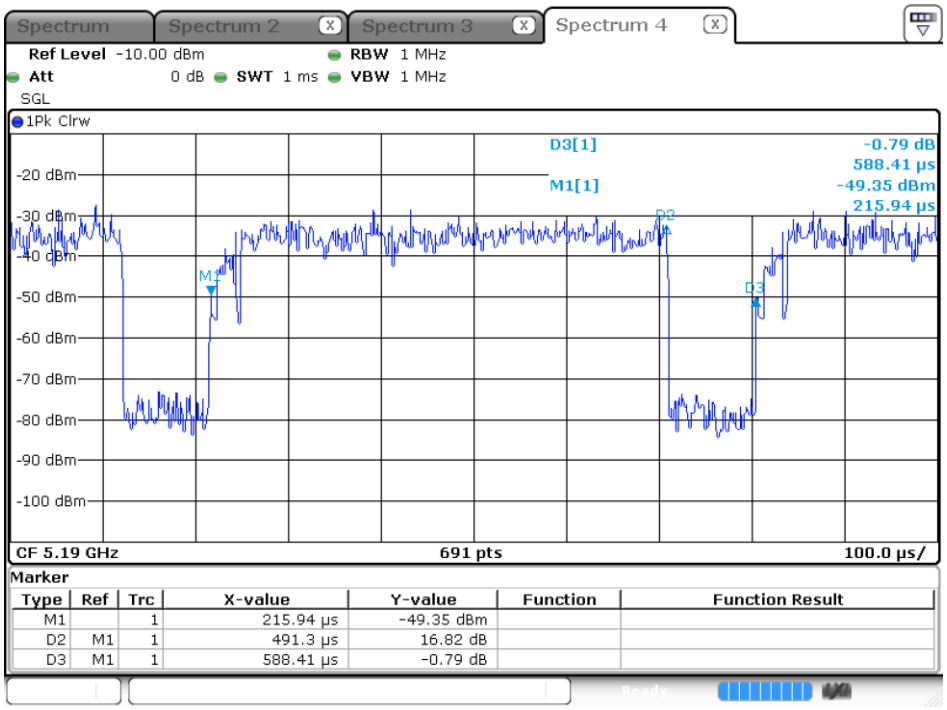
5GHz band	Ton (ms)	Ton + Toff (ms)	Duty Cycle (%)	Duty Factor (dB)
802.11n20	0.9681	1.1594	83.50	0.78
802.11n40	0.4913	0.5884	83.50	0.78
802.11ac80	0.2580	0.3109	82.98	0.81

802.11n20



Date: 13.JAN.2007 05:52:20

802.11n40



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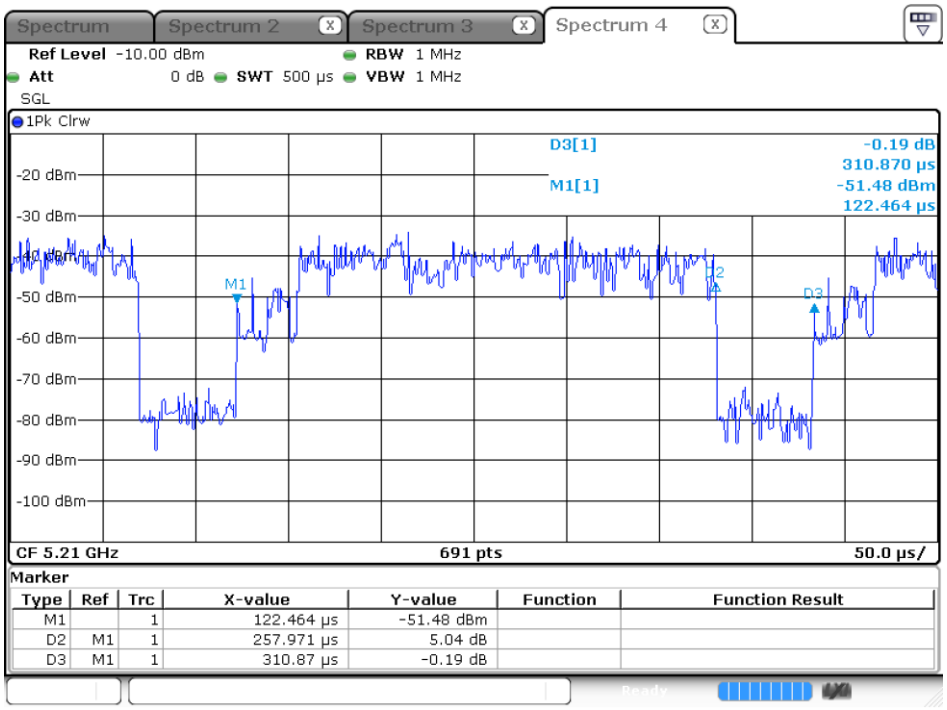
802.11ac80



Date: 13.JAN.2007 06:06:16

6. EMI Reduction Method During Compliance Testing

No modification was made during testing.