

Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Correct Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	5464.4824	44.69	9.27	53.96	68.30	14.34	150	60	PK	Horizontal	PASS
2	5469.991	41.90	9.27	51.17	68.30	17.13	150	76	PK	Horizontal	PASS
3	5457.3177	33.58	9.28	42.86	54.00	11.14	150	12	AV	Horizontal	PASS
4	5469.991	32.97	9.27	42.24	48.30	6.06	150	345	AV	Horizontal	PASS

**Shenzhen UnionTrust Quality and Technology Co., Ltd.**

Address: Unit D/E of 9/F and 16/F, Block A, Building 6, Baoneng science and technology park, Longhua district, Shenzhen, China

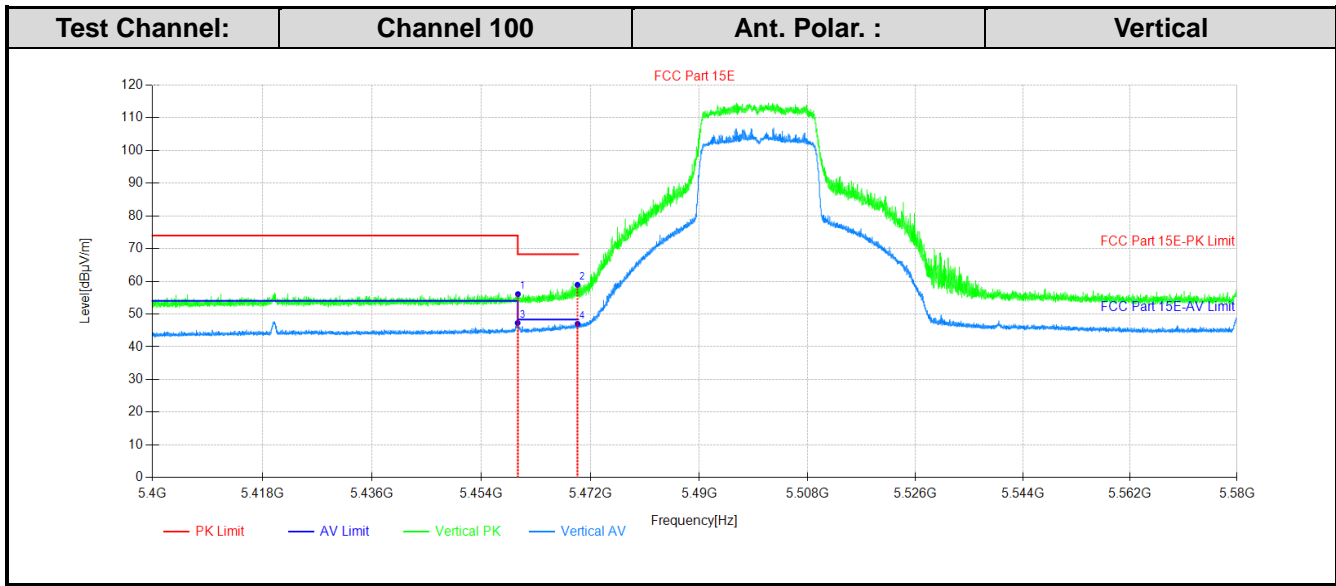
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Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Correct Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	5460.018	46.82	9.27	56.09	68.30	12.21	150	27	PK	Vertical	PASS
2	5469.847	49.66	9.27	58.93	68.30	9.37	150	201	PK	Vertical	PASS
3	5459.964	38.01	9.27	47.28	54.00	6.72	150	36	AV	Vertical	PASS
4	5469.865	37.75	9.27	47.02	48.30	1.28	150	4	AV	Vertical	PASS

**Shenzhen UnionTrust Quality and Technology Co., Ltd.**

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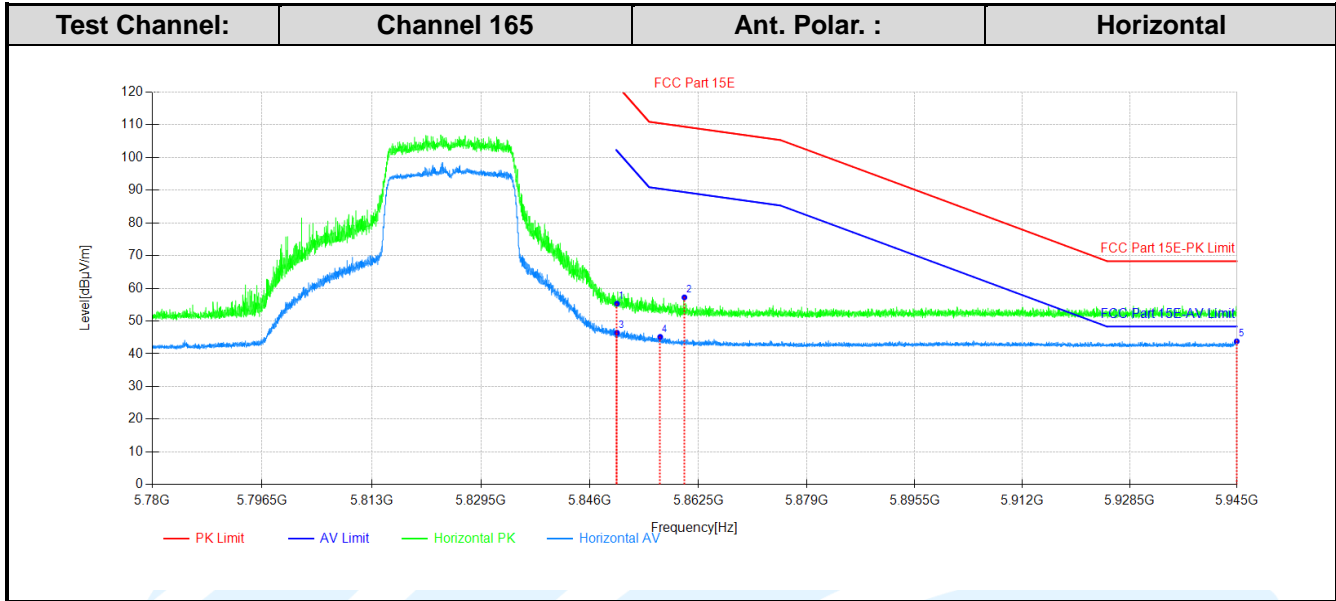
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1	5850.1155	45.49	9.83	55.32	122.04	66.72	150	339	PK	Horizontal	PASS
2	5860.363	47.32	9.92	57.24	109.40	52.16	150	80	PK	Horizontal	PASS
3	5850.1155	36.61	9.83	46.44	102.04	55.60	150	80	AV	Horizontal	PASS
4	5856.6832	35.25	9.91	45.16	90.43	45.27	150	88	AV	Horizontal	PASS
5	5944.9505	33.89	9.92	43.81	48.30	4.49	150	121	AV	Horizontal	PASS

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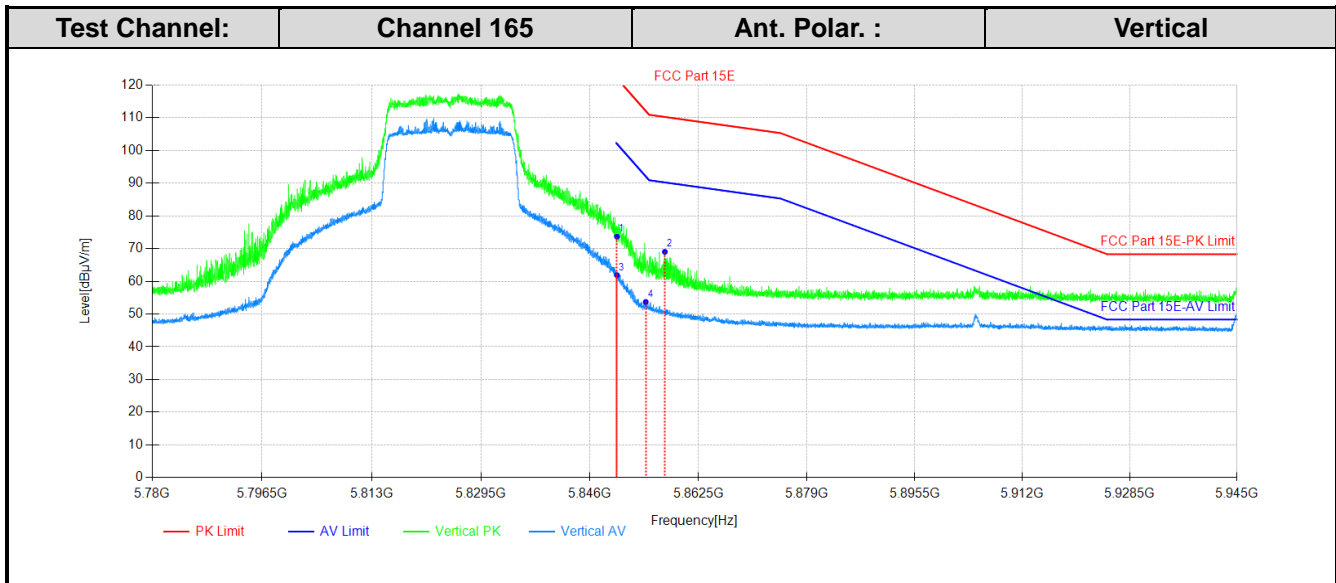
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1	5850.1155	63.83	9.83	73.66	122.04	48.38	150	359	PK	Vertical	PASS
2	5857.3927	59.10	9.92	69.02	110.23	41.21	150	13	PK	Vertical	PASS
3	5850.1155	52.06	9.83	61.89	102.04	40.15	150	359	AV	Vertical	PASS
4	5854.4884	43.80	9.90	53.70	92.07	38.37	150	13	AV	Vertical	PASS

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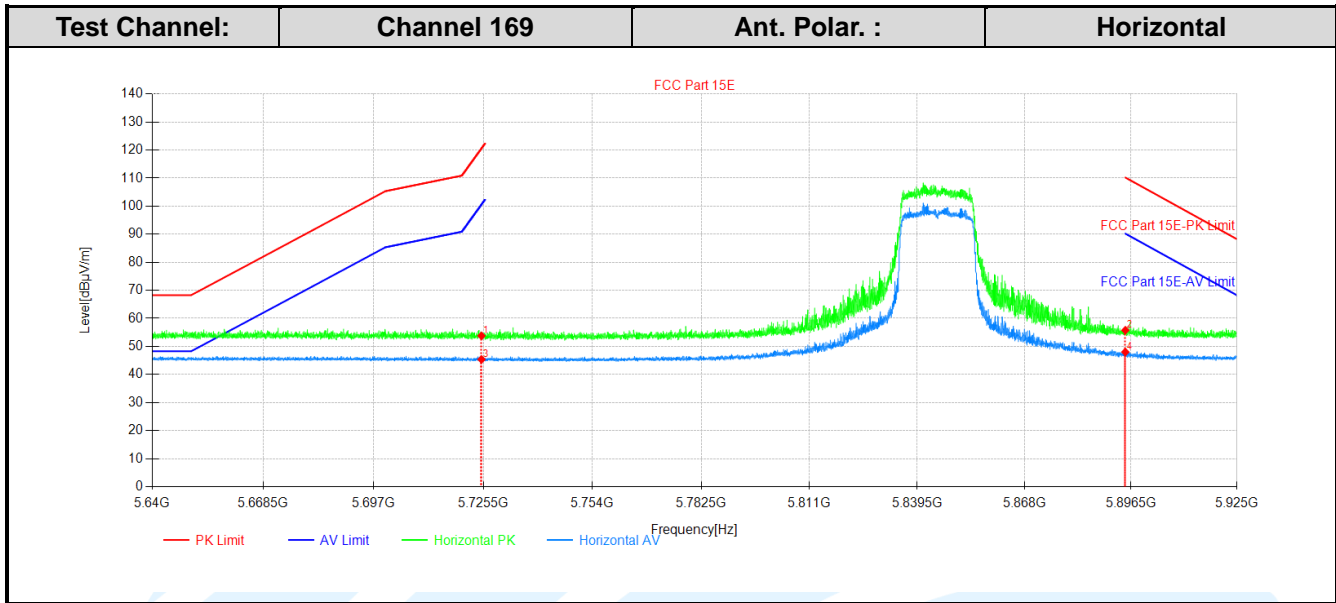
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1	5725.024	48.57	5.21	53.78	120.48	66.70	150	65	PK	Horizontal	PASS
2	5895.015	50.19	5.58	55.77	110.01	54.24	150	163	PK	Horizontal	PASS
3	5725.024	40.16	5.21	45.37	100.48	55.11	150	173	AV	Horizontal	PASS
4	5895.015	42.43	5.58	48.01	90.01	42.00	150	179	AV	Horizontal	PASS

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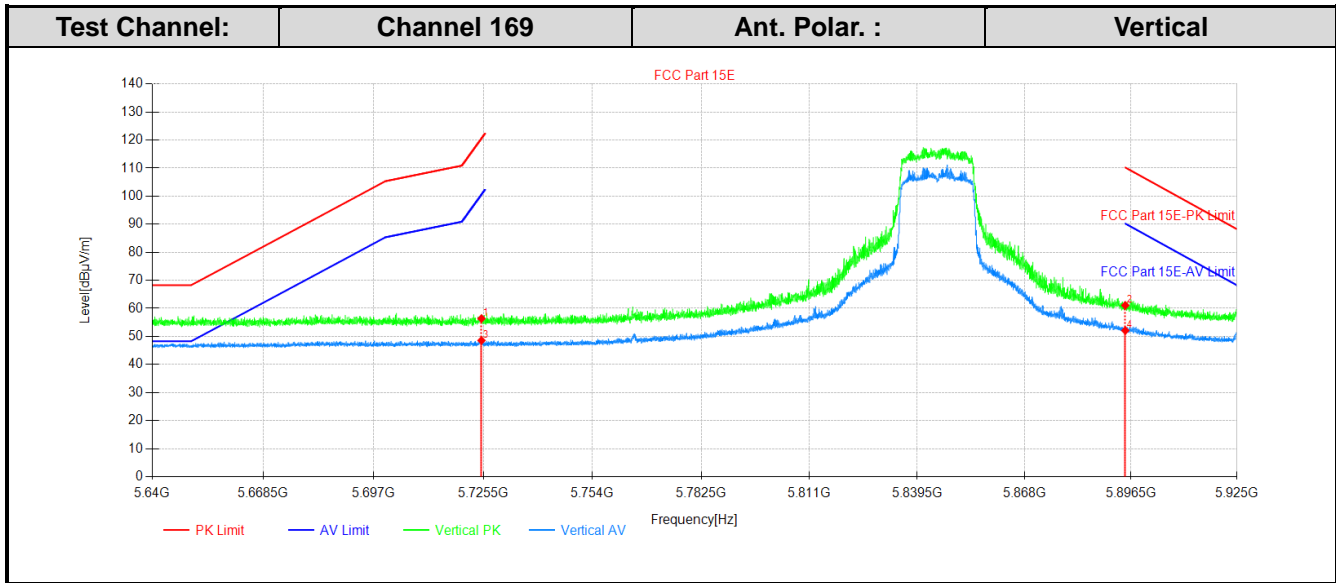
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1	5725.024	51.18	5.21	56.39	120.48	64.09	150	33	PK	Vertical	PASS
2	5895.015	55.51	5.58	61.09	110.01	48.92	150	170	PK	Vertical	PASS
3	5725.024	43.34	5.21	48.55	100.48	51.93	150	1	AV	Vertical	PASS
4	5895.015	46.53	5.58	52.11	90.01	37.90	150	6	AV	Vertical	PASS

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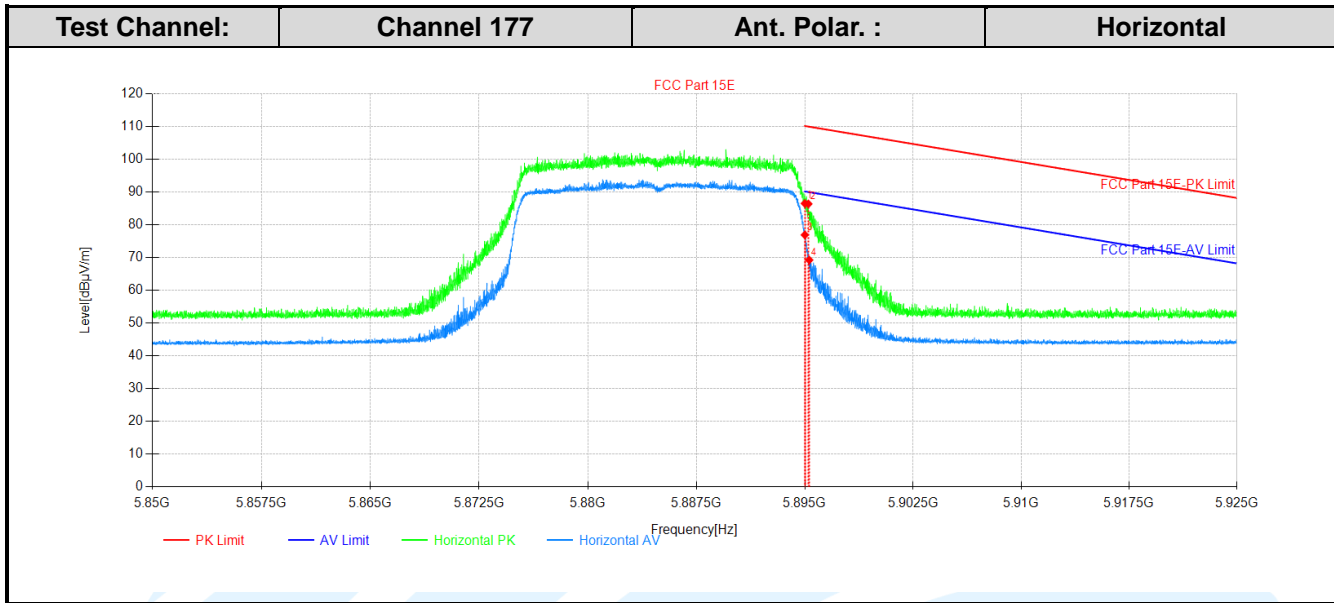
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1	5895.0045	80.97	5.58	86.55	110.01	23.46	150	269	PK	Horizontal	PASS
2	5895.252	80.84	5.58	86.42	110.01	23.59	150	277	PK	Horizontal	PASS
3	5895.0045	71.36	5.58	76.94	90.01	13.07	150	269	AV	Horizontal	PASS
4	5895.312	63.69	5.58	69.27	89.79	20.52	150	269	AV	Horizontal	PASS

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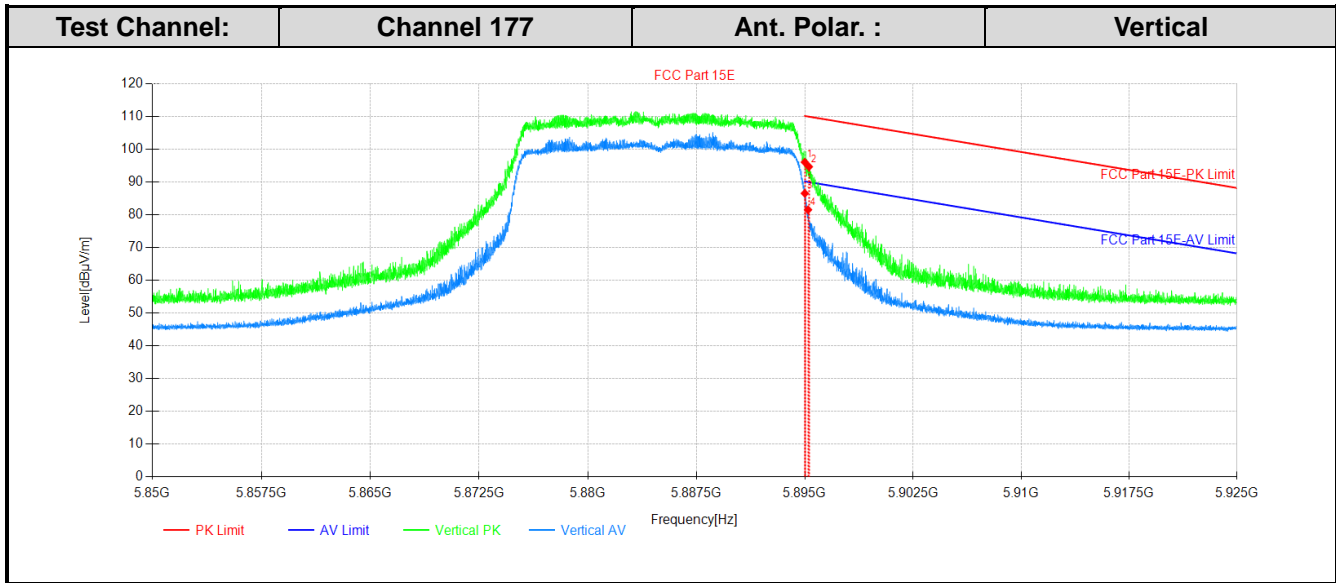
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1	5895.0045	90.52	5.58	96.10	110.01	13.91	150	216	PK	Vertical	PASS
2	5895.2895	89.14	5.58	94.72	110.01	15.29	150	171	PK	Vertical	PASS
3	5895.0045	81.00	5.58	86.58	90.01	3.43	150	190	AV	Vertical	PASS
4	5895.2295	75.99	5.58	81.57	90.01	8.44	150	216	AV	Vertical	PASS

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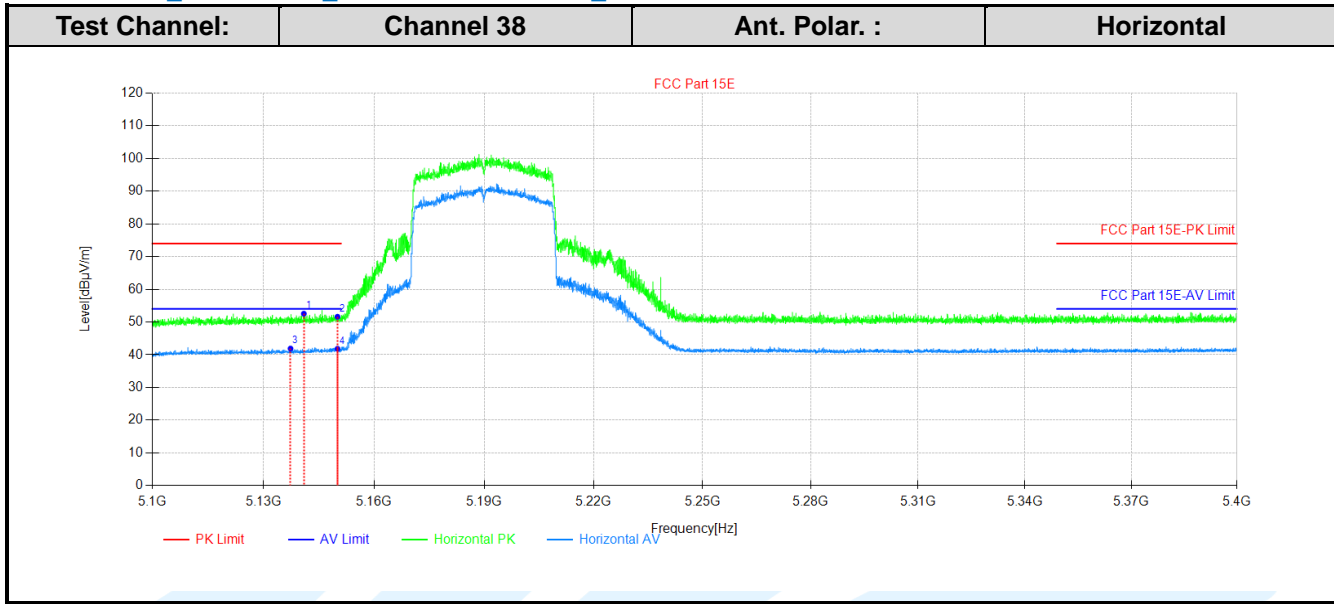
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MIMO\_Ant. 0+1+2\_ IEEE 802.11ax-HE40\_SU



Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Correct Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	5140.8941	44.19	8.37	52.56	74.00	21.44	150	218	PK	Horizontal	PASS
2	5150.015	43.25	8.38	51.63	74.00	22.37	150	0	PK	Horizontal	PASS
3	5137.2937	33.56	8.34	41.90	54.00	12.10	150	360	AV	Horizontal	PASS
4	5150.015	33.46	8.38	41.84	54.00	12.16	150	12	AV	Horizontal	PASS

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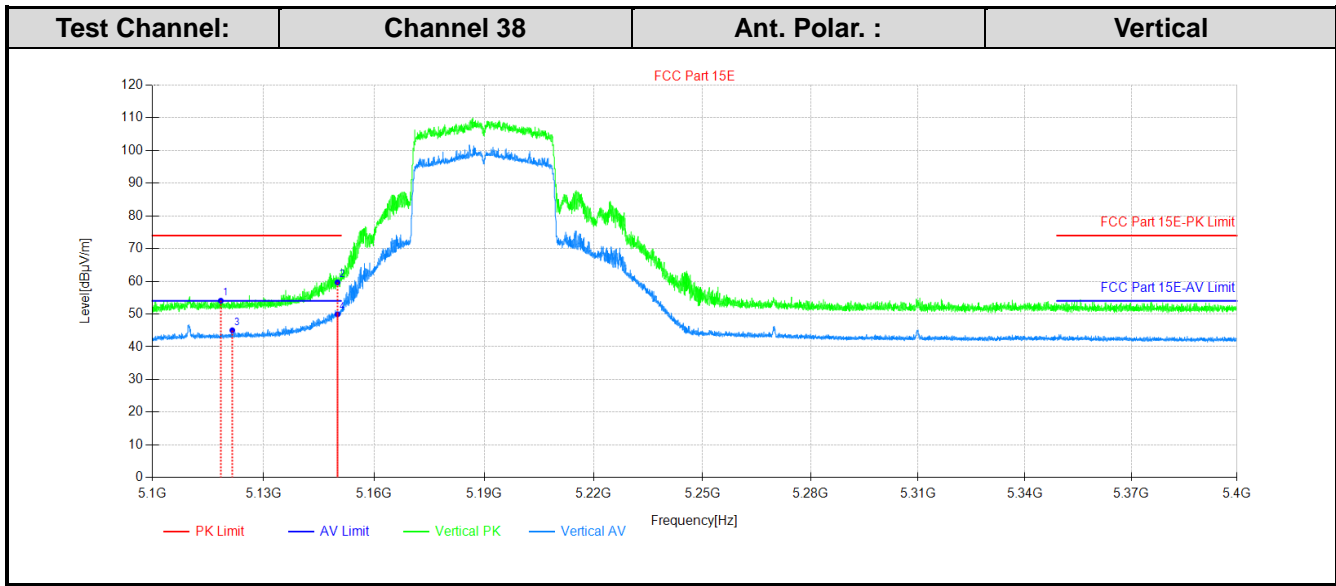
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1	5118.4518	45.84	8.24	54.08	74.00	19.92	150	36	PK	Vertical	PASS
2	5150.015	51.31	8.38	59.69	74.00	14.31	150	13	PK	Vertical	PASS
3	5121.5422	36.79	8.25	45.04	54.00	8.96	150	29	AV	Vertical	PASS
4	5150.015	41.56	8.38	49.94	54.00	4.06	150	20	AV	Vertical	PASS

**Shenzhen UnionTrust Quality and Technology Co., Ltd.**

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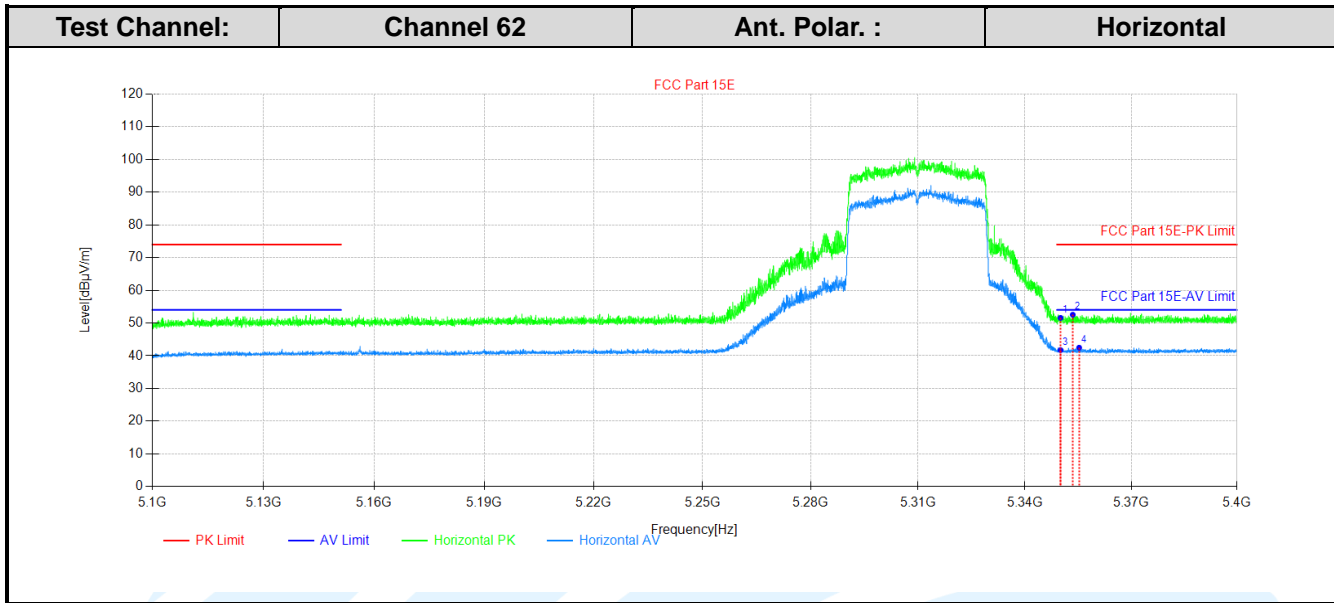
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NO.	Freq. [MHz]	Reading [dBµV]	Correct Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	5350.015	42.84	8.74	51.58	74.00	22.42	150	21	PK	Horizontal	PASS
2	5353.4653	43.83	8.72	52.55	74.00	21.45	150	86	PK	Horizontal	PASS
3	5350.015	33.00	8.74	41.74	54.00	12.26	150	61	AV	Horizontal	PASS
4	5355.2655	33.77	8.71	42.48	54.00	11.52	150	61	AV	Horizontal	PASS

**Shenzhen UnionTrust Quality and Technology Co., Ltd.**

Address: Unit D/E of 9/F and 16/F, Block A, Building 6, Baoneng science and technology park, Longhua district, Shenzhen, China

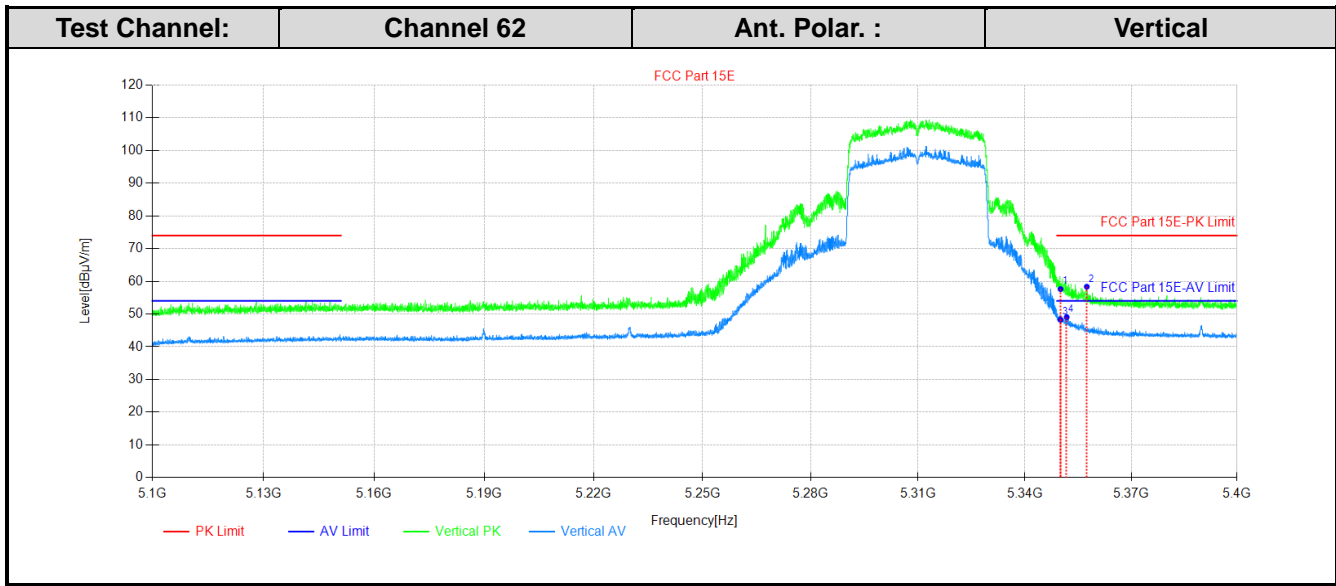
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1	5350.015	48.90	8.74	57.64	74.00	16.36	150	44	PK	Vertical	PASS
2	5357.4257	49.65	8.71	58.36	74.00	15.64	150	340	PK	Vertical	PASS
3	5350.015	39.54	8.74	48.28	54.00	5.72	150	28	AV	Vertical	PASS
4	5351.7552	40.33	8.73	49.06	54.00	4.94	150	332	AV	Vertical	PASS

**Shenzhen UnionTrust Quality and Technology Co., Ltd.**

Address: Unit D/E of 9/F and 16/F, Block A, Building 6, Baoneng science and technology park, Longhua district, Shenzhen, China

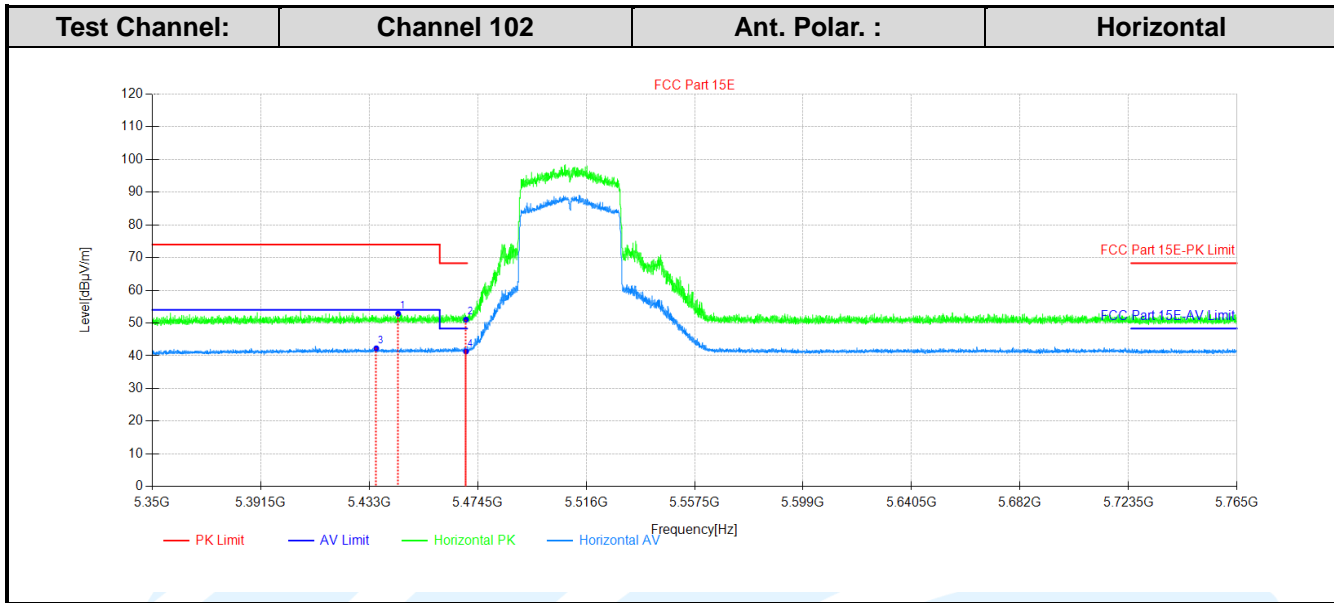
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1	5444.0899	43.58	9.30	52.88	74.00	21.12	150	360	PK	Horizontal	PASS
2	5470.03	41.79	9.27	51.06	68.30	17.24	150	346	PK	Horizontal	PASS
3	5435.7061	33.02	9.27	42.29	54.00	11.71	150	359	AV	Horizontal	PASS
4	5470.03	32.05	9.27	41.32	48.30	6.98	150	106	AV	Horizontal	PASS

**Shenzhen UnionTrust Quality and Technology Co., Ltd.**

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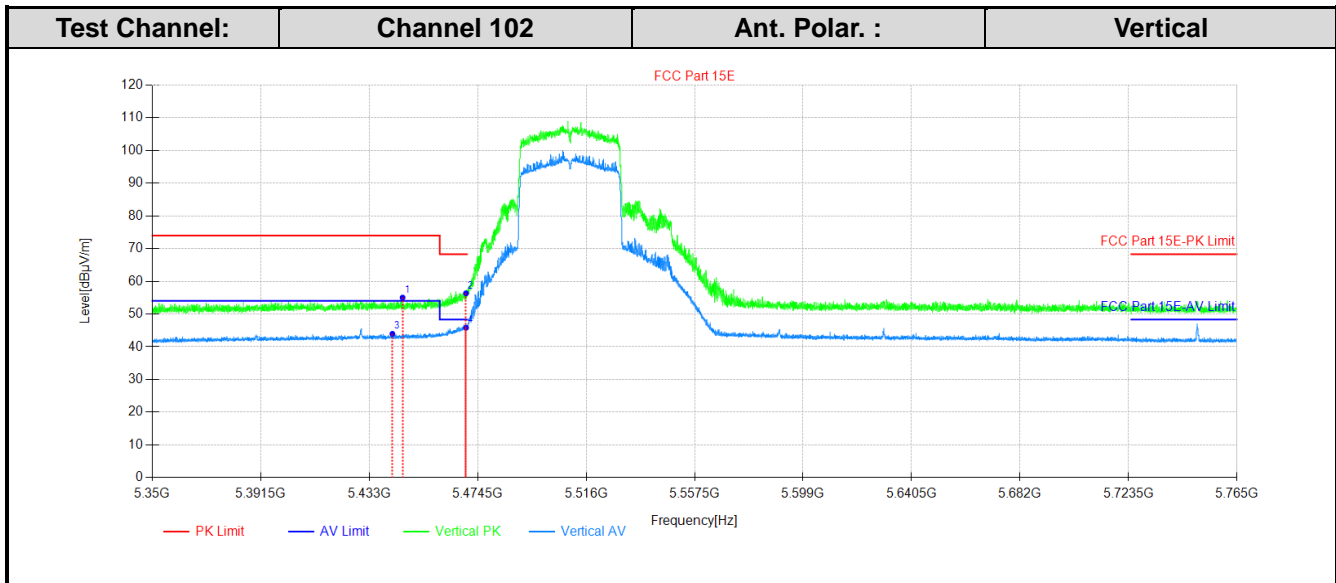
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1	5445.7501	45.74	9.30	55.04	74.00	18.96	150	325	PK	Vertical	PASS
2	5470.03	47.07	9.27	56.34	68.30	11.96	150	0	PK	Vertical	PASS
3	5441.8487	34.65	9.31	43.96	54.00	10.04	150	347	AV	Vertical	PASS
4	5470.03	36.54	9.27	45.81	48.30	2.49	150	340	AV	Vertical	PASS

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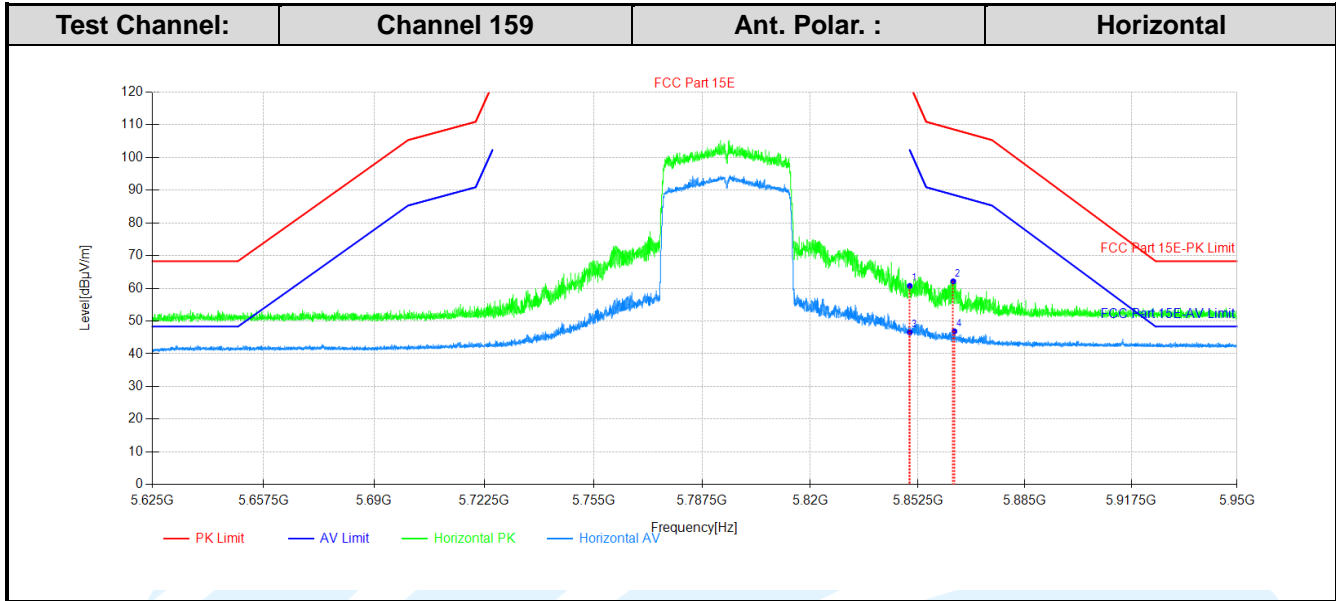
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1	5850.02	50.92	9.83	60.75	122.25	61.50	150	85	PK	Horizontal	PASS
2	5863.2163	52.21	9.94	62.15	108.60	46.45	150	85	PK	Horizontal	PASS
3	5850.02	36.71	9.83	46.54	102.25	55.71	150	339	AV	Horizontal	PASS
4	5863.5739	36.93	9.94	46.87	88.50	41.63	150	85	AV	Horizontal	PASS

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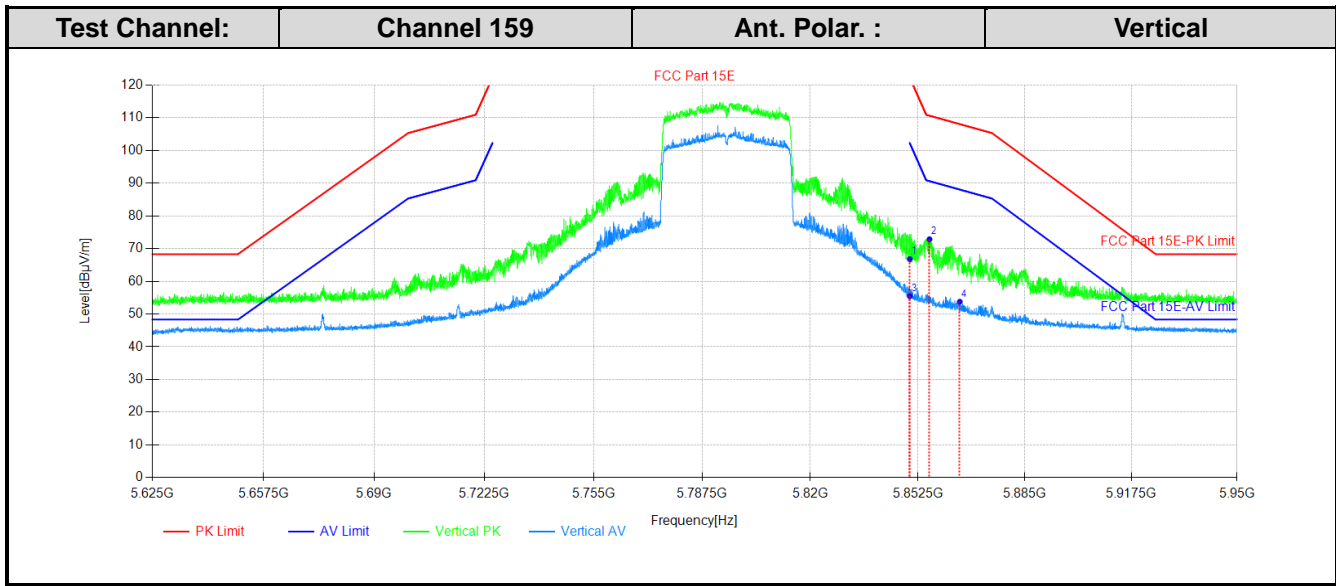
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1	5850.02	56.96	9.83	66.79	122.25	55.46	150	208	PK	Vertical	PASS
2	5856.0006	62.96	9.91	72.87	110.62	37.75	150	0	PK	Vertical	PASS
3	5850.02	45.64	9.83	55.47	102.25	46.78	150	20	AV	Vertical	PASS
4	5865.199	43.82	9.95	53.77	88.04	34.27	150	0	AV	Vertical	PASS

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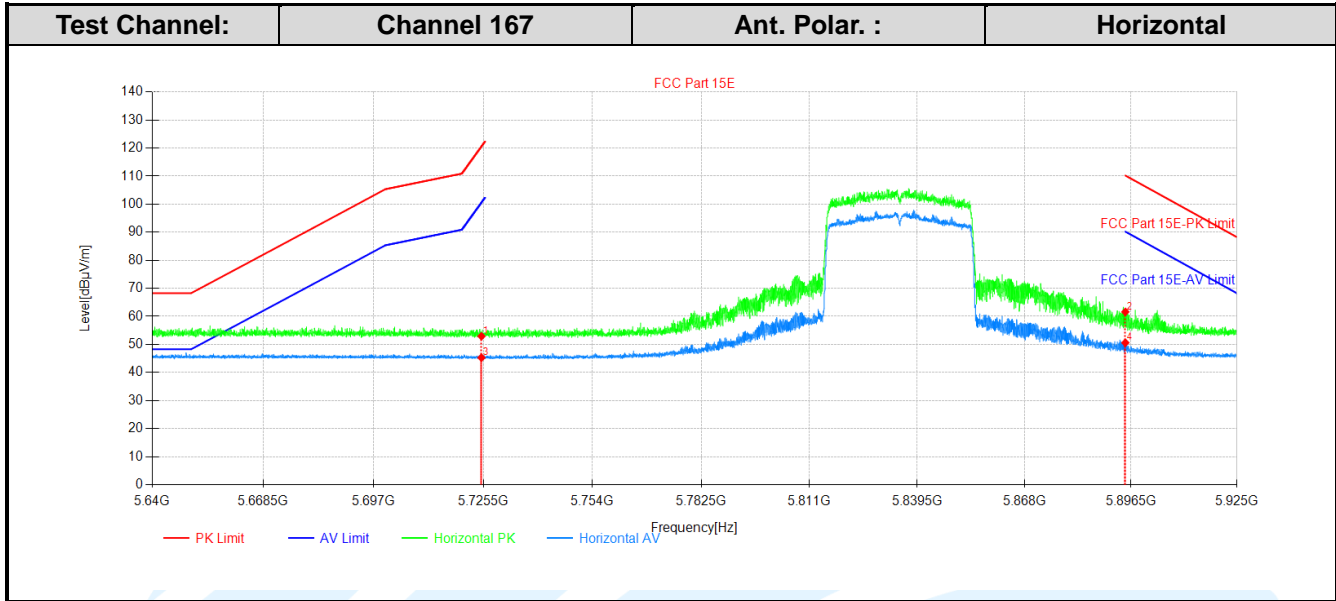
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1	5725.024	47.71	5.21	52.92	120.48	67.56	150	82	PK	Horizontal	PASS
2	5895.015	56.03	5.58	61.61	110.01	48.40	150	176	PK	Horizontal	PASS
3	5725.024	40.07	5.21	45.28	100.48	55.20	150	102	AV	Horizontal	PASS
4	5895.015	45.02	5.58	50.60	90.01	39.41	150	176	AV	Horizontal	PASS

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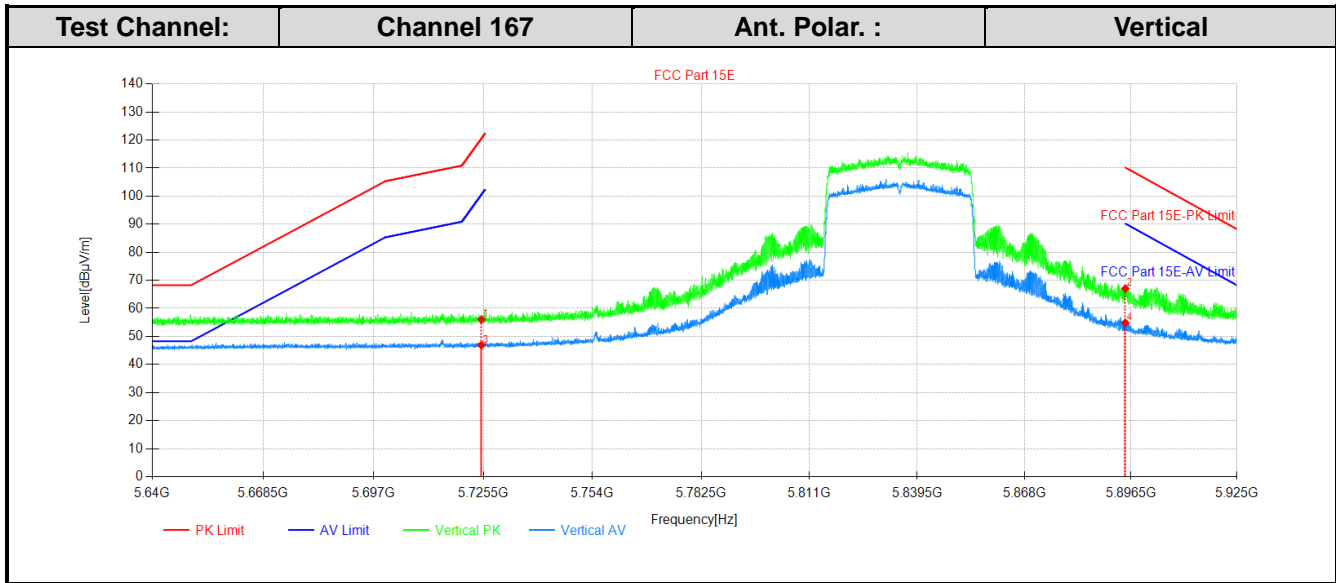
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1	5725.024	50.85	5.21	56.06	120.48	64.42	150	32	PK	Vertical	PASS
2	5895.015	61.50	5.58	67.08	110.01	42.93	150	8	PK	Vertical	PASS
3	5725.024	41.68	5.21	46.89	100.48	53.59	150	169	AV	Vertical	PASS
4	5895.015	49.29	5.58	54.87	90.01	35.14	150	169	AV	Vertical	PASS

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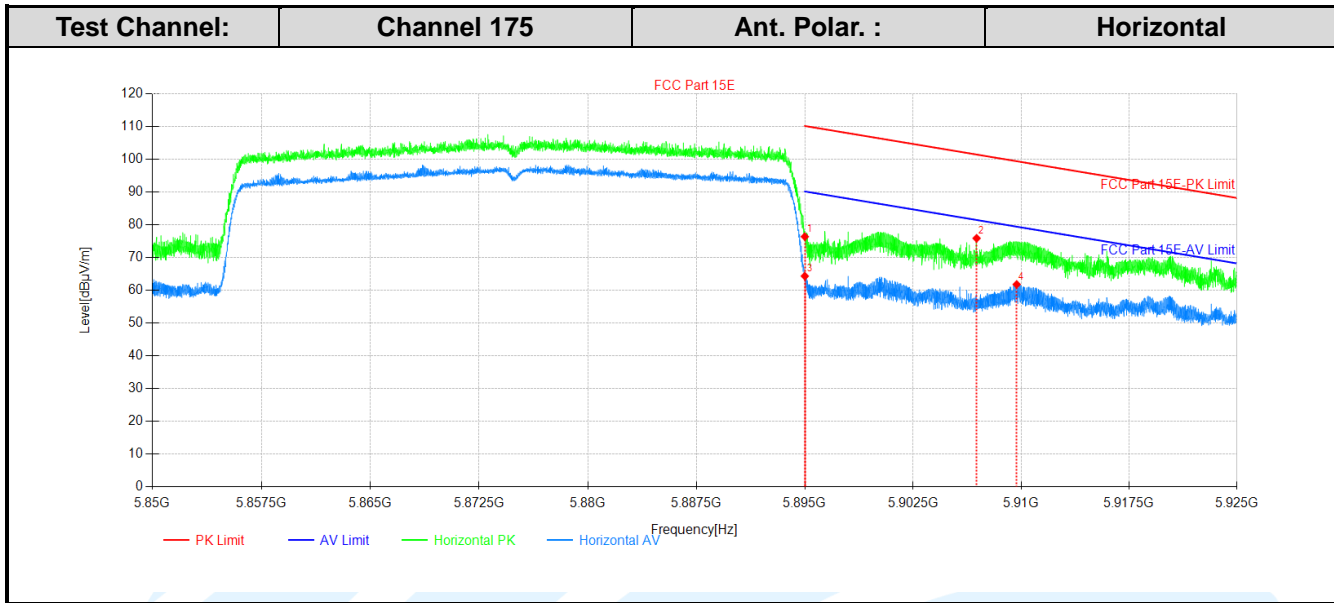
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1	5895.0045	70.83	5.58	76.41	110.01	33.60	150	229	PK	Horizontal	PASS
2	5906.9082	70.30	5.60	75.90	101.50	25.60	150	274	PK	Horizontal	PASS
3	5895.0045	58.77	5.58	64.35	90.01	25.66	150	281	AV	Horizontal	PASS
4	5909.691	56.21	5.60	61.81	79.46	17.65	150	281	AV	Horizontal	PASS

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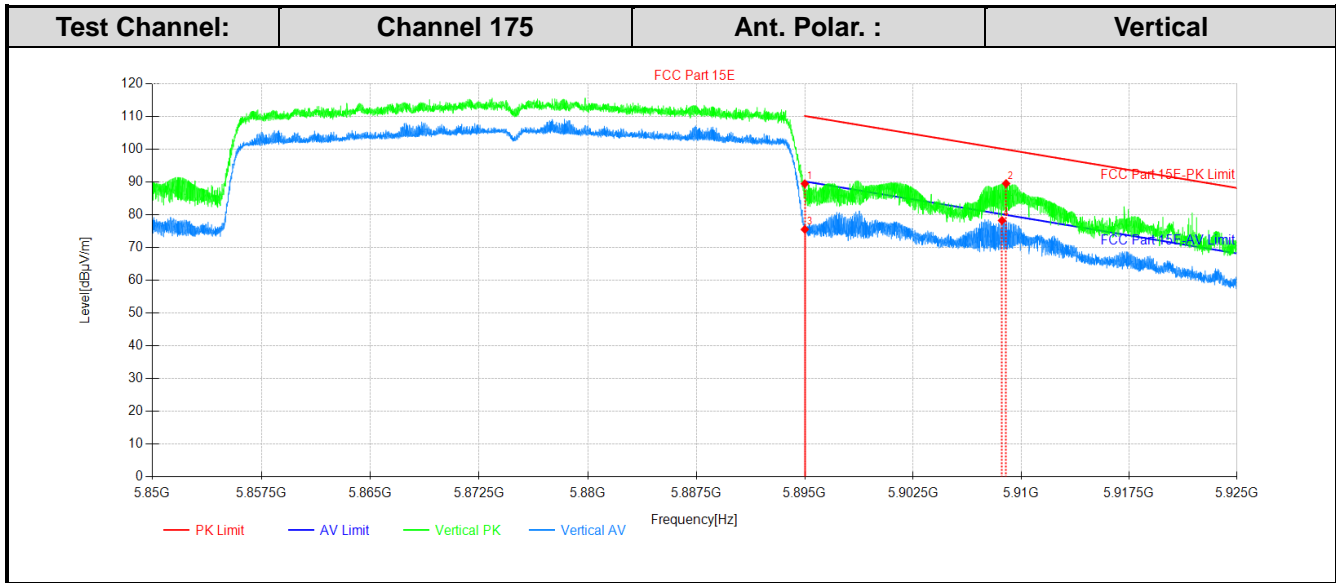
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Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	5895.0045	83.95	5.58	89.53	110.01	20.48	150	186	PK	Vertical	PASS
2	5908.9559	83.98	5.60	89.58	100.00	10.42	150	186	PK	Vertical	PASS
3	5895.0045	69.98	5.58	75.56	90.01	14.45	150	194	AV	Vertical	PASS
4	5908.6709	72.69	5.60	78.29	80.20	1.91	150	194	AV	Vertical	PASS

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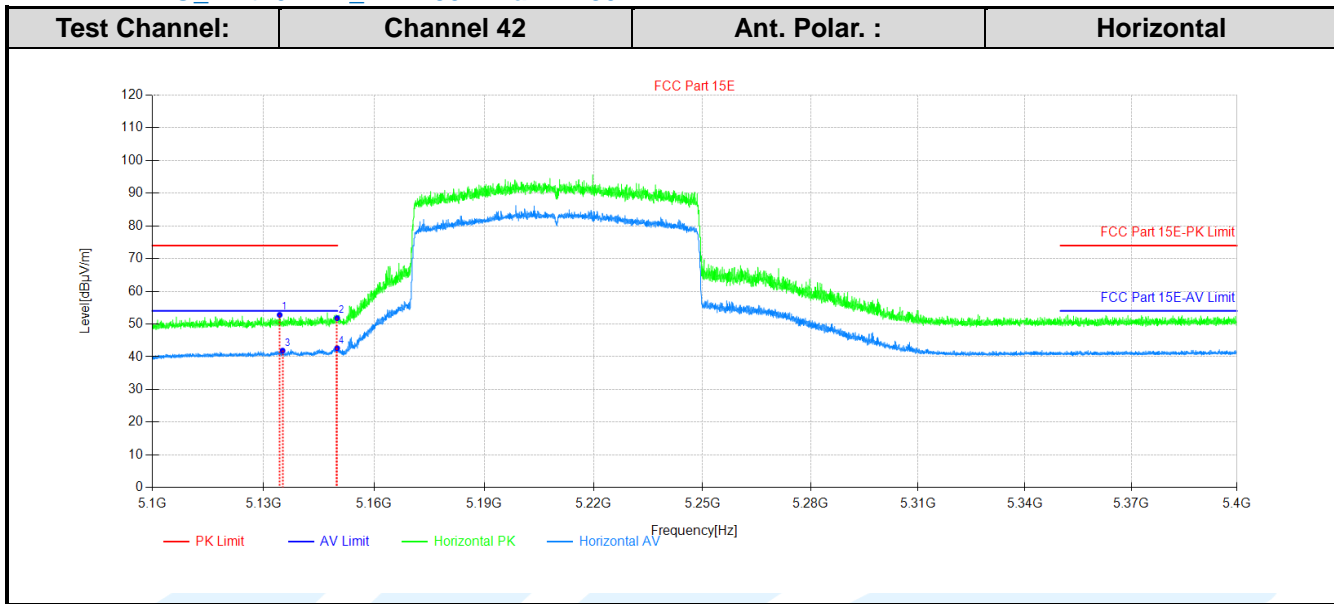
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Data List											
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1	5134.3534	44.50	8.30	52.80	74.00	21.20	150	78	PK	Horizontal	PASS
2	5149.925	43.44	8.38	51.82	74.00	22.18	150	18	PK	Horizontal	PASS
3	5135.1335	33.57	8.31	41.88	54.00	12.12	150	18	AV	Horizontal	PASS
4	5149.925	34.23	8.38	42.61	54.00	11.39	150	85	AV	Horizontal	PASS

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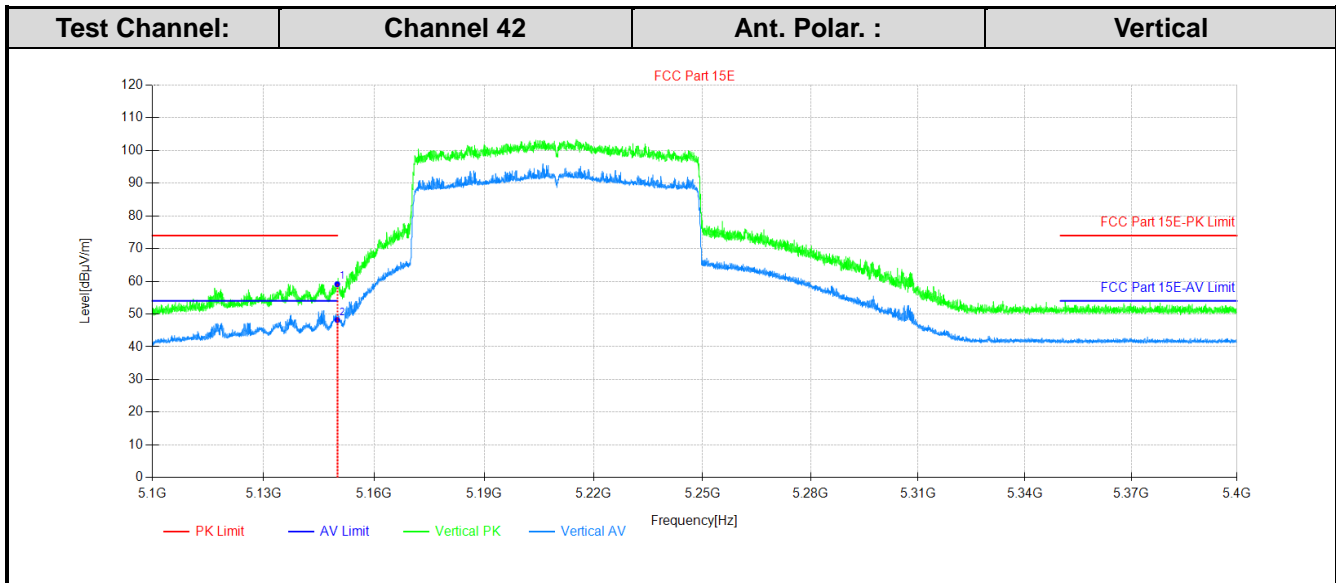
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Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Correct Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	5149.955	50.75	8.38	59.13	74.00	14.87	150	12	PK	Vertical	PASS
2	5149.955	39.80	8.38	48.18	54.00	5.82	150	20	AV	Vertical	PASS

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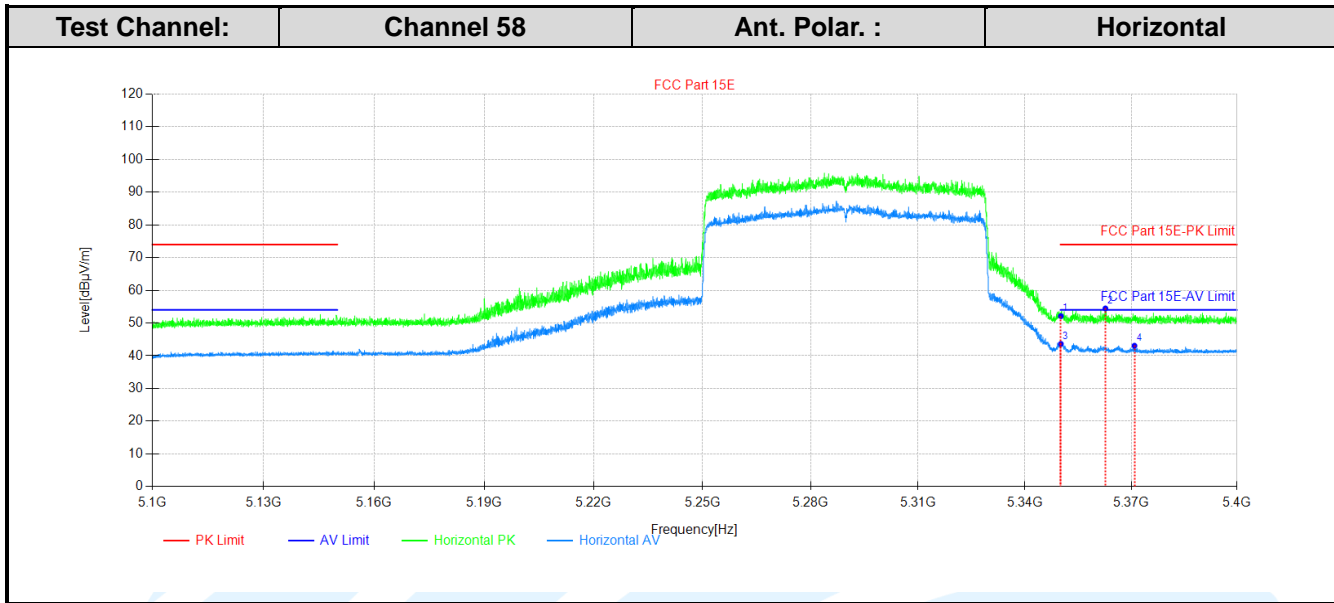
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Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Correct Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	5350.105	43.39	8.74	52.13	74.00	21.87	150	44	PK	Horizontal	PASS
2	5362.6763	45.72	8.76	54.48	74.00	19.52	150	339	PK	Horizontal	PASS
3	5350.105	34.91	8.74	43.65	54.00	10.35	150	93	AV	Horizontal	PASS
4	5370.8971	34.28	8.80	43.08	54.00	10.92	150	12	AV	Horizontal	PASS

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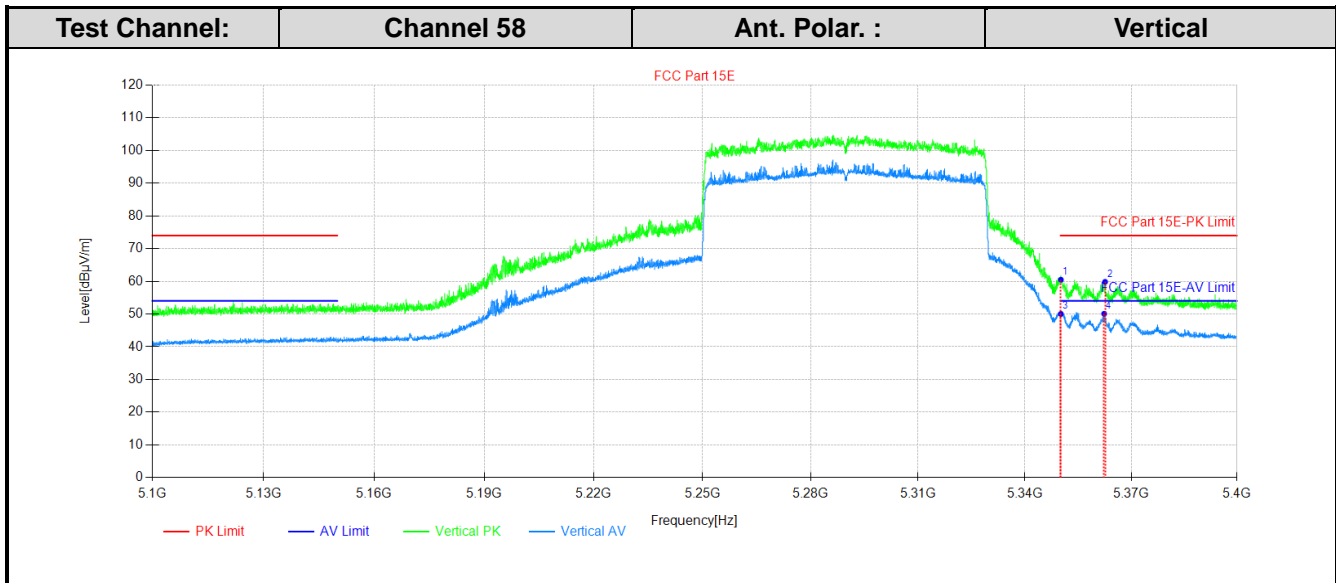
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Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Correct Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	5350.105	51.76	8.74	60.50	74.00	13.50	150	331	PK	Vertical	PASS
2	5362.5863	51.08	8.76	59.84	74.00	14.16	150	347	PK	Vertical	PASS
3	5350.105	41.31	8.74	50.05	54.00	3.95	150	0	AV	Vertical	PASS
4	5362.3162	41.35	8.75	50.10	54.00	3.90	150	355	AV	Vertical	PASS

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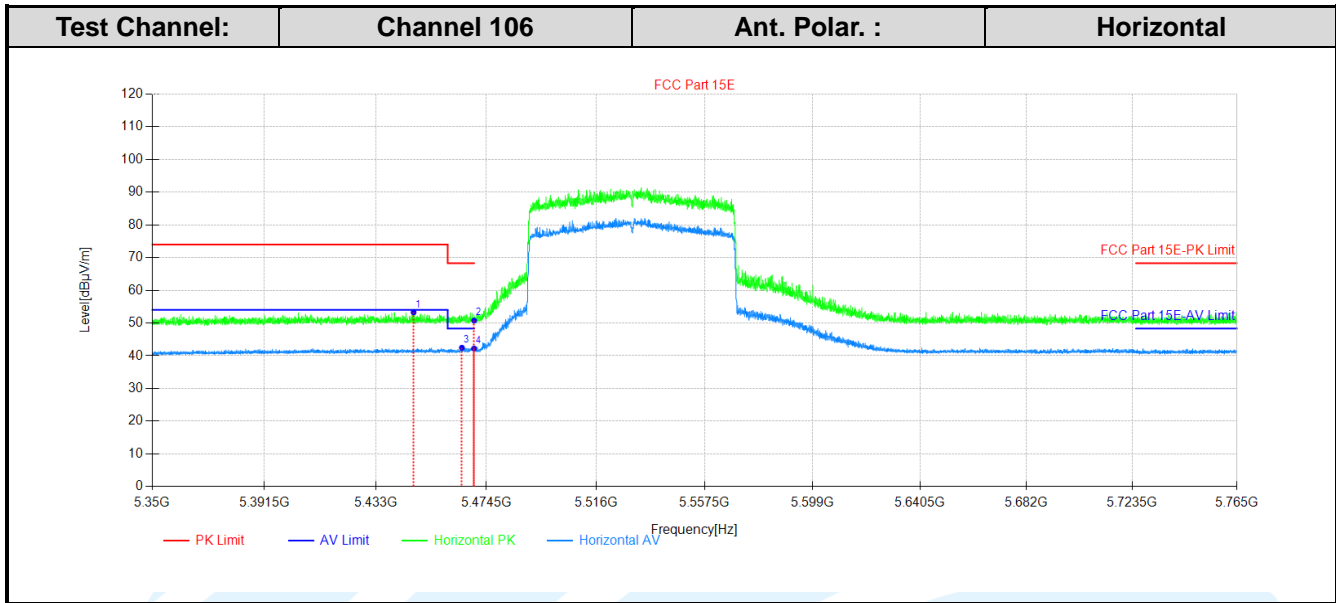
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Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Correct Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	5447.1612	43.97	9.30	53.27	74.00	20.73	150	173	PK	Horizontal	PASS
2	5469.9055	41.51	9.27	50.78	68.30	17.52	150	45	PK	Horizontal	PASS
3	5465.2985	33.21	9.27	42.48	48.30	5.82	150	352	AV	Horizontal	PASS
4	5469.9055	32.95	9.27	42.22	48.30	6.08	150	107	AV	Horizontal	PASS

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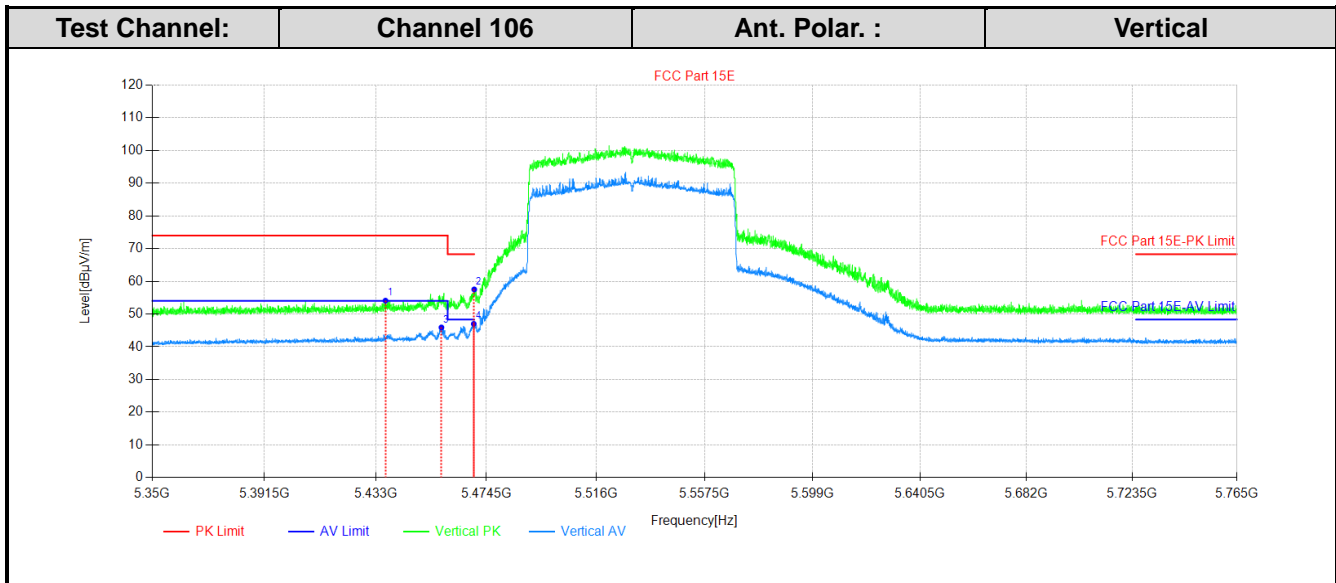
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Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Correct Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	5436.6192	44.83	9.27	54.10	74.00	19.90	150	347	PK	Vertical	PASS
2	5469.947	48.27	9.27	57.54	68.30	10.76	150	0	PK	Vertical	PASS
3	5457.6203	36.63	9.28	45.91	54.00	8.09	150	9	AV	Vertical	PASS
4	5469.781	37.74	9.27	47.01	48.30	1.29	150	2	AV	Vertical	PASS

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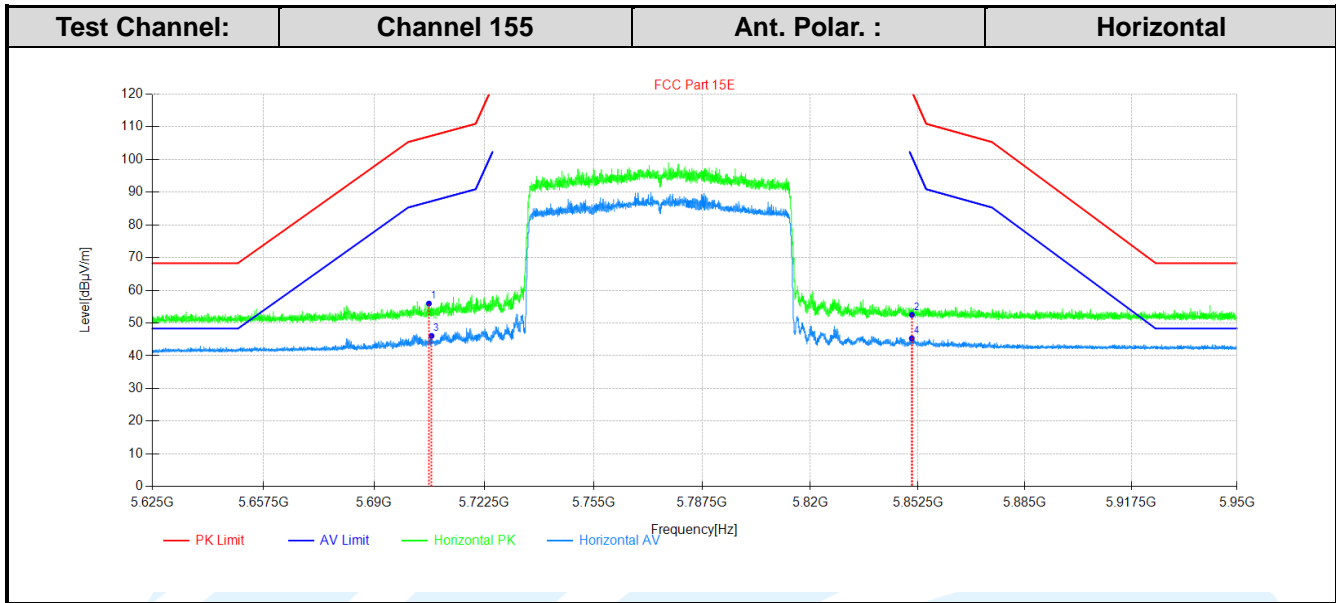
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Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Correct Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	5706.1606	46.62	9.34	55.96	107.02	51.06	150	242	PK	Horizontal	PASS
2	5850.6701	42.68	9.84	52.52	120.77	68.25	150	163	PK	Horizontal	PASS
3	5706.9407	36.74	9.34	46.08	87.24	41.16	150	147	AV	Horizontal	PASS
4	5850.6376	35.49	9.84	45.33	100.85	55.52	150	251	AV	Horizontal	PASS

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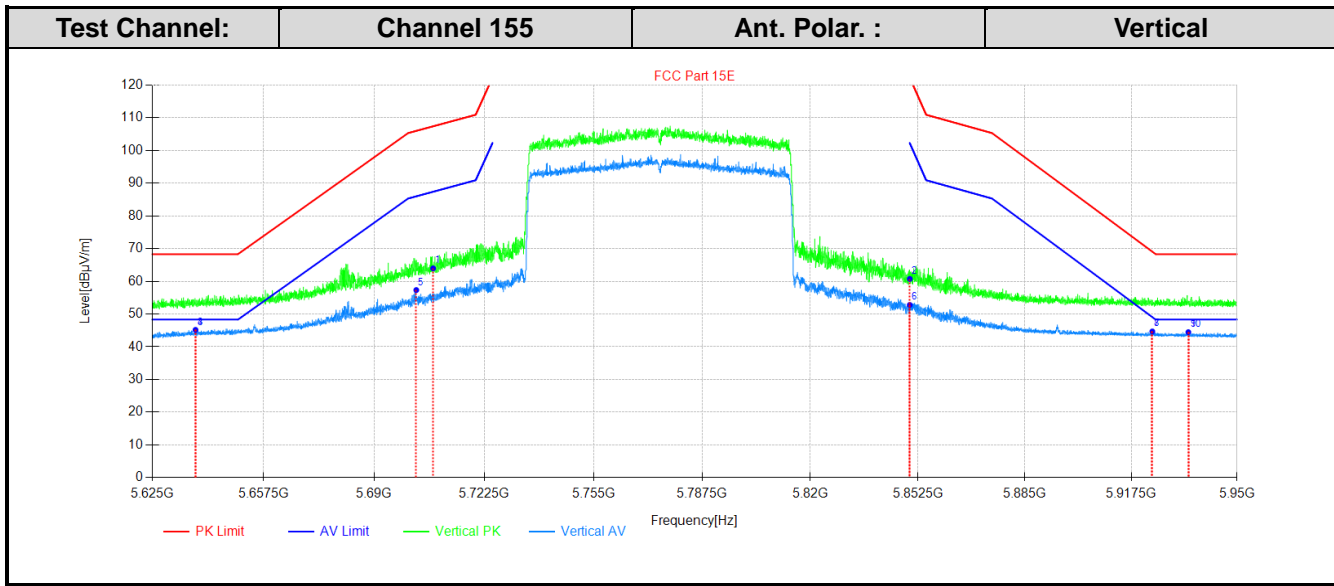
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Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Correct Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	5707.3957	54.62	9.34	63.96	107.37	43.41	150	0	PK	Vertical	PASS
2	5850.02	50.92	9.83	60.75	122.25	61.50	150	0	PK	Vertical	PASS
3	5637.6113	36.02	9.16	45.18	48.30	3.12	150	359	AV	Vertical	PASS
4	5637.6113	36.02	9.16	45.18	48.30	3.12	150	359	AV	Vertical	PASS
5	5702.4227	47.99	9.36	57.35	85.98	28.63	150	0	AV	Vertical	PASS
6	5850.02	42.97	9.83	52.80	102.25	49.45	150	0	AV	Vertical	PASS
7	5923.9649	34.65	10.04	44.69	49.07	4.38	150	233	AV	Vertical	PASS
8	5923.9649	34.65	10.04	44.69	49.07	4.38	150	233	AV	Vertical	PASS
9	5935.016	34.52	9.95	44.47	48.30	3.83	150	358	AV	Vertical	PASS
10	5935.016	34.52	9.95	44.47	48.30	3.83	150	358	AV	Vertical	PASS

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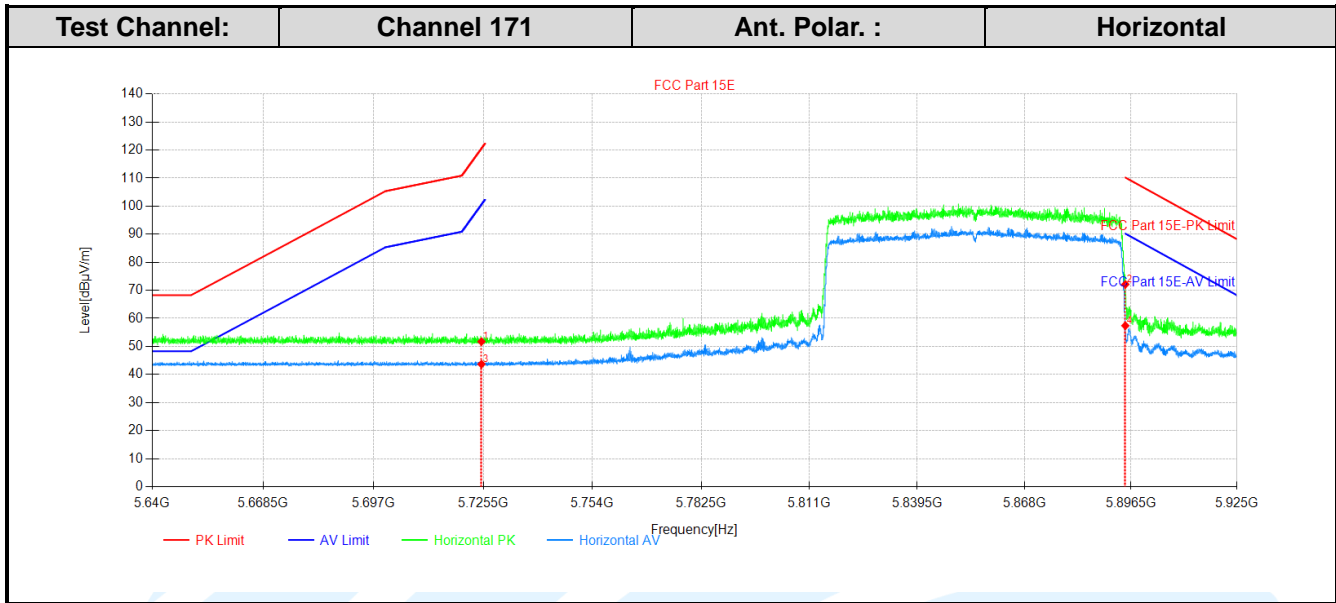
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Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	5725.024	46.54	5.21	51.75	120.48	68.73	150	180	PK	Horizontal	PASS
2	5895.015	66.54	5.58	72.12	110.01	37.89	150	178	PK	Horizontal	PASS
3	5725.024	38.48	5.21	43.69	100.48	56.79	150	169	AV	Horizontal	PASS
4	5895.015	51.82	5.58	57.40	90.01	32.61	150	180	AV	Horizontal	PASS

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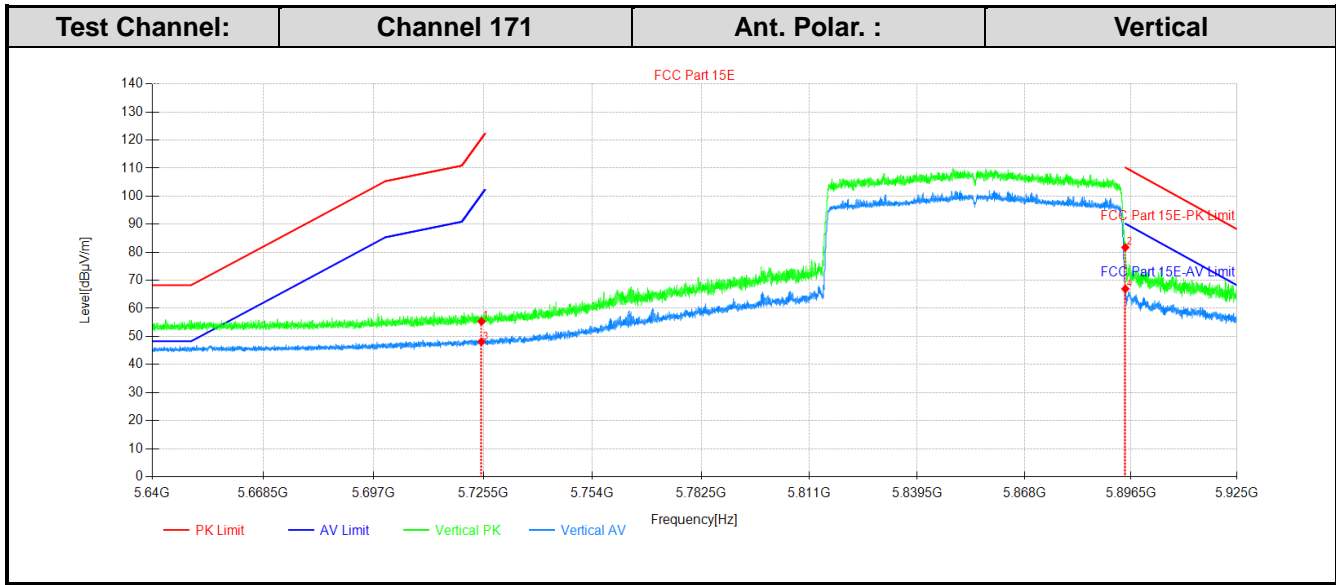
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Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	5725.024	50.16	5.21	55.37	120.48	65.11	150	160	PK	Vertical	PASS
2	5895.015	76.15	5.58	81.73	110.01	28.28	150	160	PK	Vertical	PASS
3	5725.024	42.94	5.21	48.15	100.48	52.33	150	169	AV	Vertical	PASS
4	5895.015	61.38	5.58	66.96	90.01	23.05	150	169	AV	Vertical	PASS

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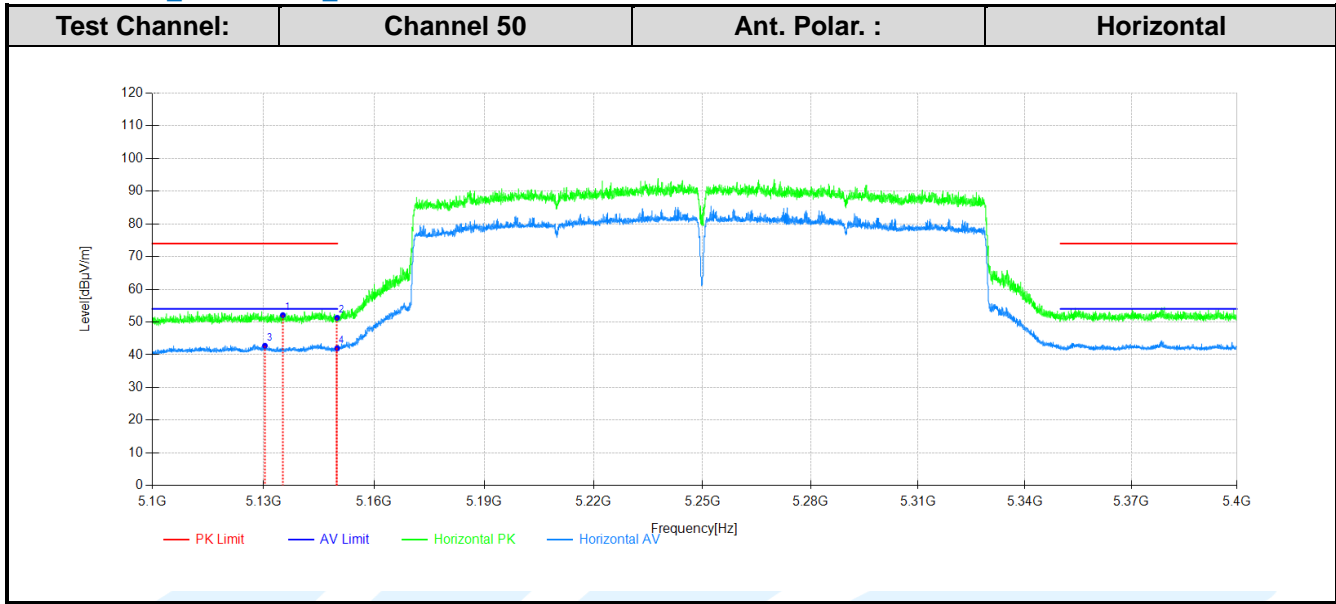
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Data List											
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1	5135.2235	43.81	8.31	52.12	74.00	21.88	150	359	PK	Horizontal	PASS
2	5149.925	42.92	8.38	51.30	74.00	22.70	150	99	PK	Horizontal	PASS
3	5130.363	34.49	8.27	42.76	54.00	11.24	150	290	AV	Horizontal	PASS
4	5149.925	33.60	8.38	41.98	54.00	12.02	150	360	AV	Horizontal	PASS

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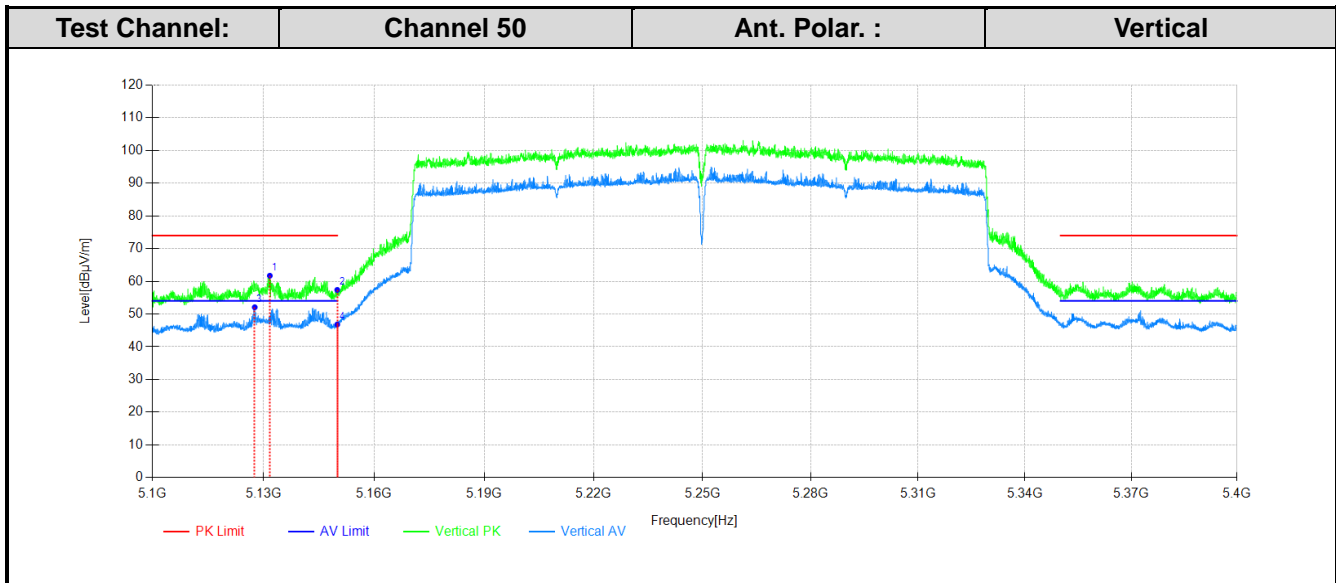
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Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Correct Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	5131.6832	53.42	8.29	61.71	74.00	12.29	150	0	PK	Vertical	PASS
2	5149.955	49.00	8.38	57.38	74.00	16.62	150	2	PK	Vertical	PASS
3	5127.6028	43.82	8.27	52.09	54.00	1.91	150	337	AV	Vertical	PASS
4	5149.955	38.44	8.38	46.82	54.00	7.18	150	20	AV	Vertical	PASS

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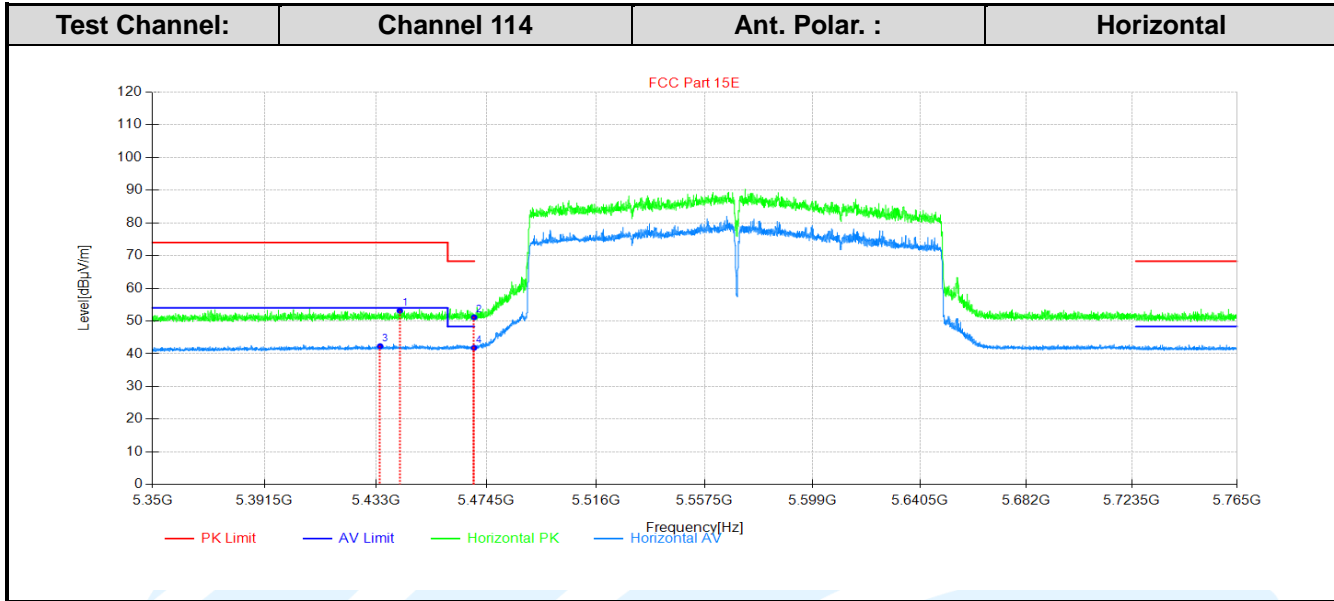
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Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Correct Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	5441.9732	43.86	9.31	53.17	74.00	20.83	150	281	PK	Horizontal	PASS
2	5469.9055	41.88	9.27	51.15	68.30	17.15	150	322	PK	Horizontal	PASS
3	5434.627	33.07	9.26	42.33	54.00	11.67	150	296	AV	Horizontal	PASS
4	5469.9055	32.56	9.27	41.83	48.30	6.47	150	85	AV	Horizontal	PASS

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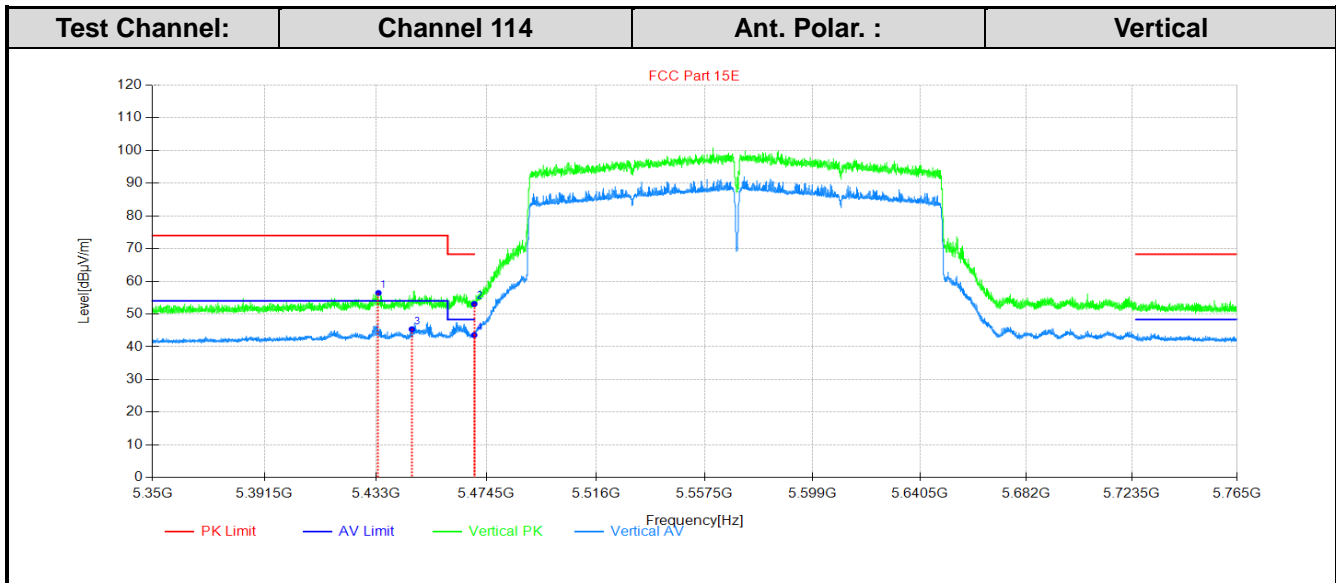
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Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Correct Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	5433.9629	47.20	9.26	56.46	74.00	17.54	150	21	PK	Vertical	PASS
2	5469.947	43.80	9.27	53.07	68.30	15.23	150	45	PK	Vertical	PASS
3	5446.4972	36.08	9.30	45.38	54.00	8.62	150	338	AV	Vertical	PASS
4	5469.947	34.32	9.27	43.59	48.30	4.71	150	1	AV	Vertical	PASS

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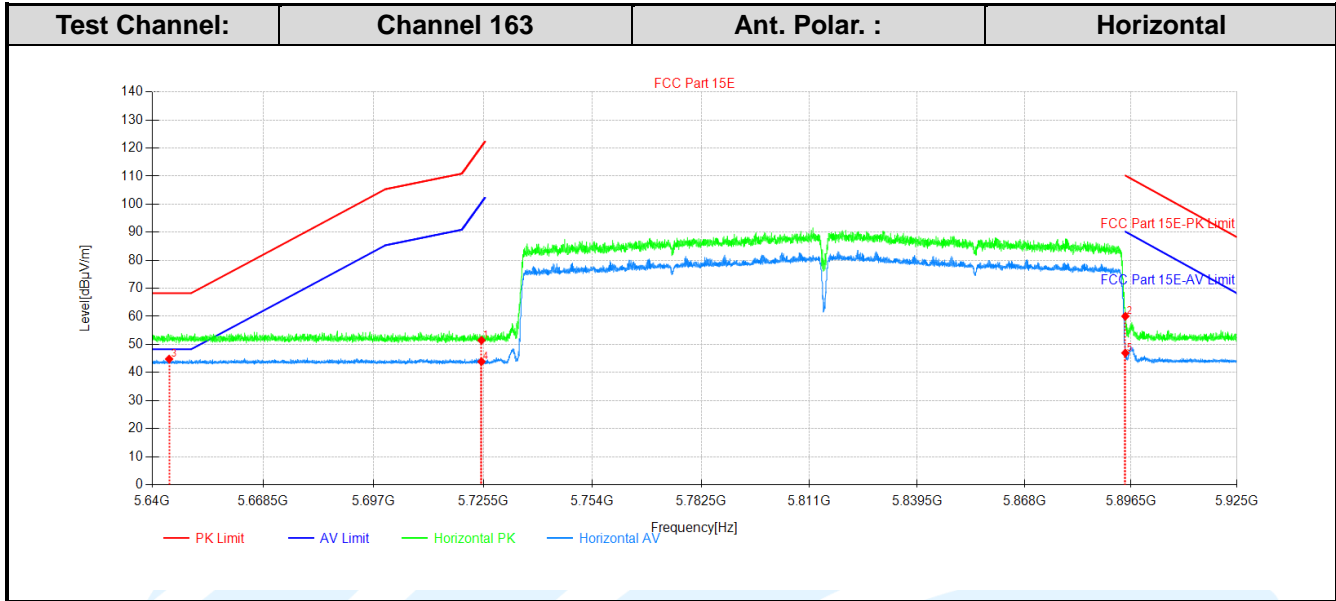
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Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	5725.024	46.26	5.21	51.47	120.48	69.01	150	3	PK	Horizontal	PASS
2	5895.015	54.48	5.58	60.06	110.01	49.95	150	53	PK	Horizontal	PASS
3	5644.3324	39.68	5.12	44.80	48.30	3.50	150	53	AV	Horizontal	PASS
4	5725.024	38.67	5.21	43.88	100.48	56.60	150	177	AV	Horizontal	PASS
5	5895.015	41.38	5.58	46.96	90.01	43.05	150	177	AV	Horizontal	PASS

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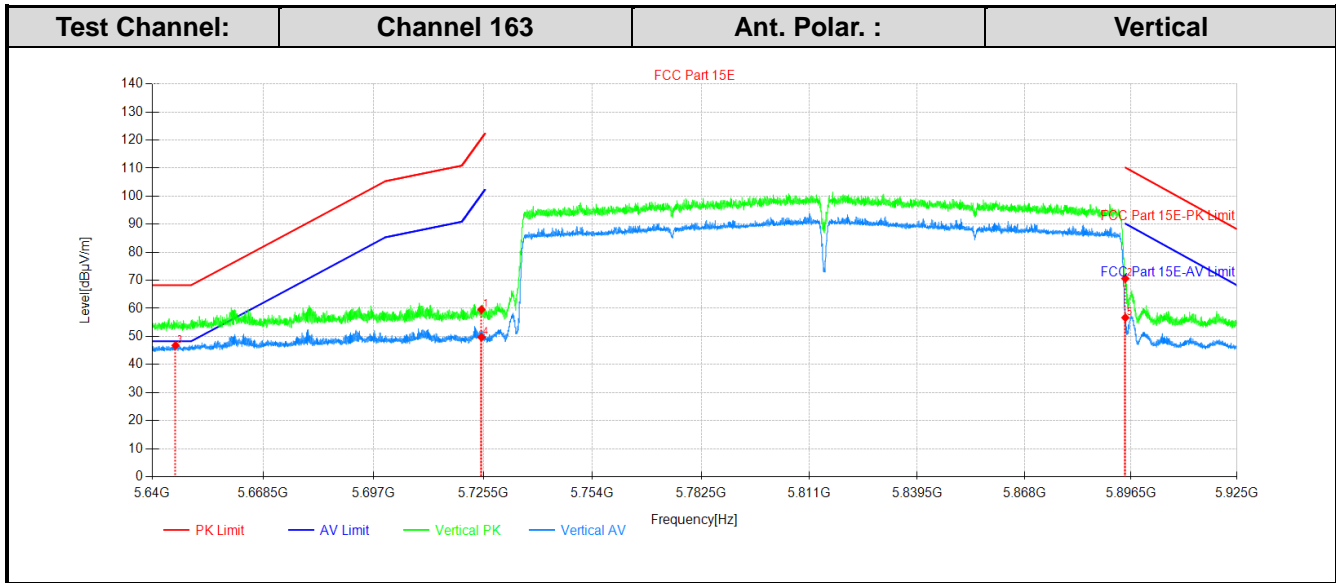
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Data List											
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	5725.024	54.39	5.21	59.60	120.48	60.88	150	170	PK	Vertical	PASS
2	5895.015	65.06	5.58	70.64	110.01	39.37	150	160	PK	Vertical	PASS
3	5645.9856	41.68	5.12	46.80	48.30	1.50	150	170	AV	Vertical	PASS
4	5725.024	44.49	5.21	49.70	100.48	50.78	150	160	AV	Vertical	PASS
5	5895.015	51.11	5.58	56.69	90.01	33.32	150	170	AV	Vertical	PASS

**Remark:**

1. Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain, the value was added to Original Receiver Reading by the software automatically.
2. Result = Reading + Correct Factor.
3. Margin = Limit - Result

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### 5.8 AC POWER LINE CONDUCTED EMISSION

**Test Requirement:** FCC 47 CFR Part 15 Subpart C Section 15.207

**Test Method:** ANSI C63.10-2013 Section 6.2

**Limits:**

Frequency range (MHz)	Limits (dB(μV))	
	Quasi-peak	Average
0,15 to 0,50	66 to 56	56 to 46
0,50 to 5	56	46
5 to 30	60	50

**Remark:**

1. The lower limit shall apply at the transition frequencies.
2. The limit decreases linearly with the logarithm of the frequency in the range 0.15 to 0.50 MHz.

**Test Setup:** Refer to section 4.4.2 for details.

**Test Procedures:**

Test frequency range :150KHz-30MHz

- 1) The mains terminal disturbance voltage test was conducted in a shielded room.
- 2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a 50Ω/50μH + 5Ω linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded.
- 3) The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane,
- 4) The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment was at least 0.8 m from the LISN 2.
- 5) In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10 on conducted measurement.

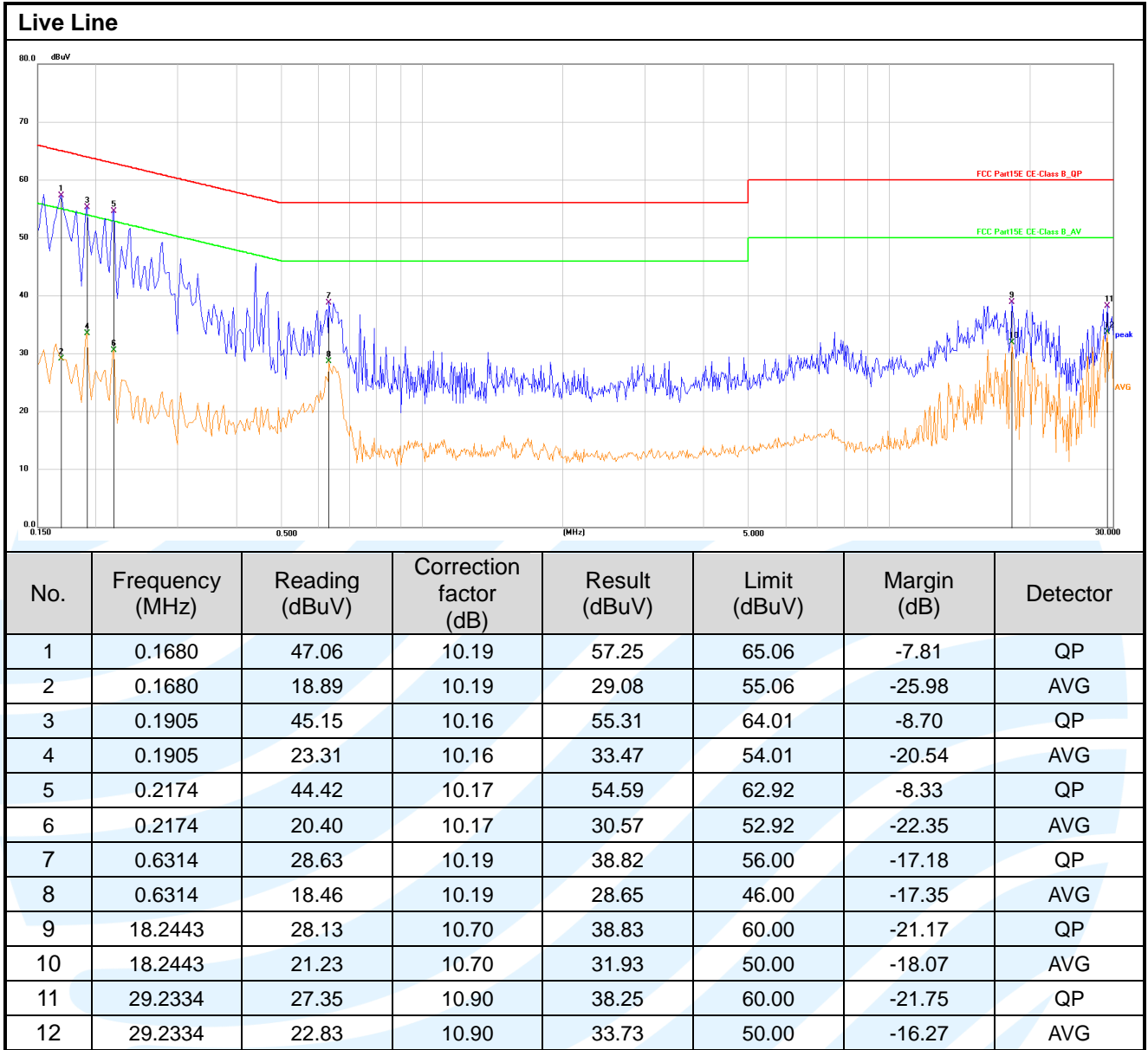
**Equipment Used:** Refer to section 3 for details.

**Test Result:** Pass

The worst measurement data as follows:

Quasi Peak and Average:

Mode: WIFI Link



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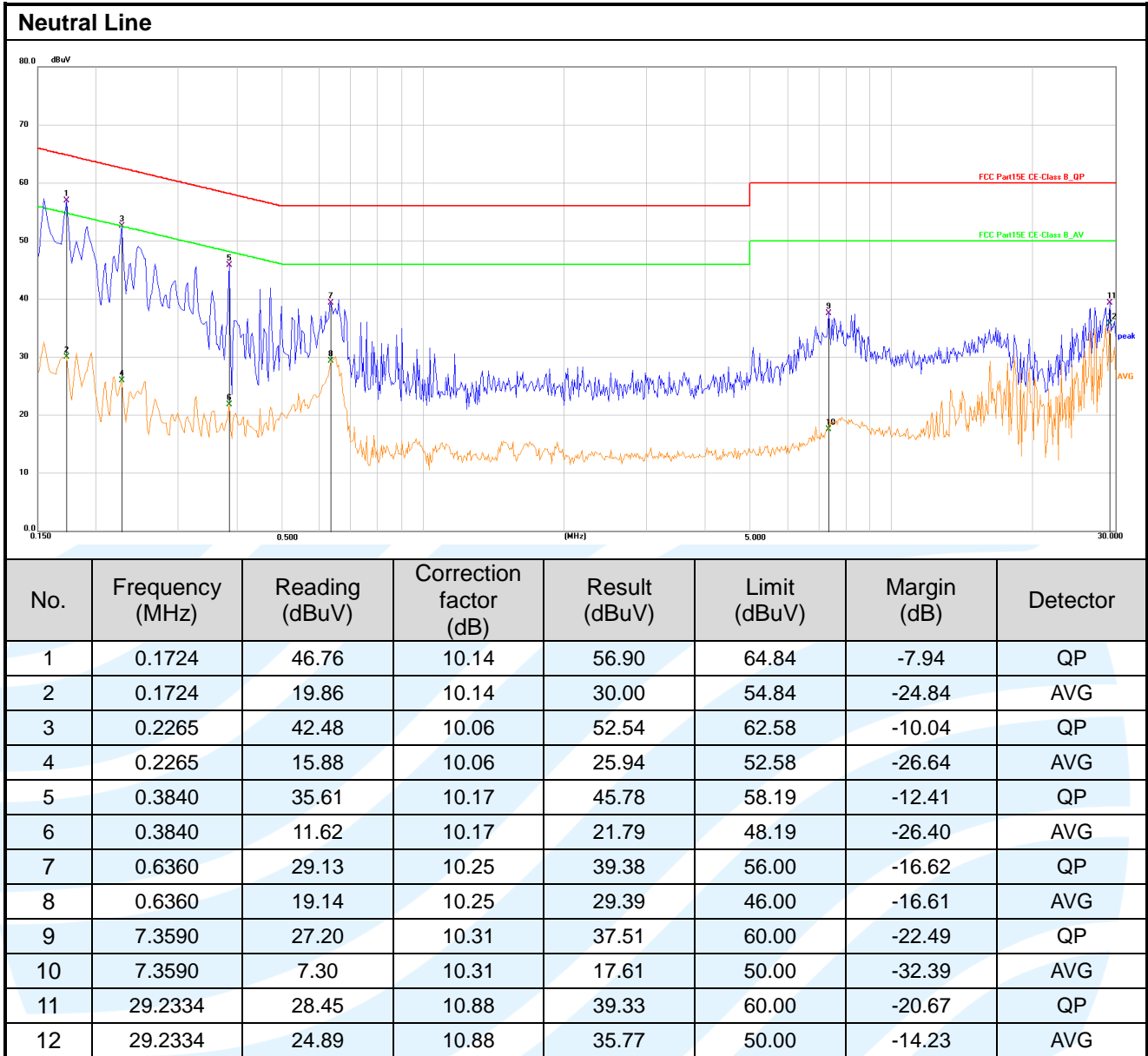
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Remark:

1. Correct Factor = LISN Factor + Cable Loss + Pulse Limiter Factor, the value was added to Original Receiver Reading by the software automatically.
2. Result = Reading + Correct Factor.
3. Margin = Result - Limit
4. An initial pre-scan was performed on the Phase and neutral lines with peak detector. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission were detected.

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## APPENDIX A RF TEST DATA

### A.1 99% BANDWIDTH

For U-NII-1, U-NII-2A and U-NII-2C Band:

Mode	Channel	RU & Index	Ant.	99% BW (MHz)
IEEE 802.11a	36	N/A	0	16.800
			1	16.820
			2	16.819
	44		0	16.724
			1	16.770
			2	16.740
	48		0	16.791
			1	16.873
			2	16.845
	52		0	16.657
			1	16.657
			2	16.656
	60		0	16.779
			1	16.770
			2	16.822
	64		0	16.790
			1	16.765
			2	16.758
100	0	16.789		
	1	16.764		
	2	16.786		
116	0	16.633		
	1	16.646		
	2	16.646		
140	0	16.725		
	1	16.781		
	2	16.770		
IEEE 802.11n_20	36	N/A	0	17.869
			1	17.879
			2	17.845
	44		0	17.762
			1	17.777
			2	17.764
	48		0	17.787
			1	17.833
			2	17.719
	52		0	17.767
			1	17.734
			2	17.735
	60		0	17.910
			1	17.900
			2	17.841
	64		0	17.912
			1	17.855
			2	17.856
100	0	17.922		
	1	17.848		
	2	17.864		
116	0	17.773		
	1	17.744		
	2	17.763		
140	0	17.896		
	1	17.849		
	2	17.804		
IEEE 802.11n_40	38	N/A	0	36.187
			1	36.298
			2	36.251

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	46		0	36.072
			1	36.203
			2	36.124
	54		0	36.042
			1	36.140
			2	36.119
	62		0	36.165
			1	36.334
			2	36.201
	102		0	36.119
			1	36.257
			2	36.138
	110		0	36.057
			1	36.057
			2	36.013
	134		0	36.201
			1	36.315
			2	36.139
	142		0	36.096
			1	36.154
			2	36.018
			0	17.940
	36		1	17.908
			2	17.861
	44		0	17.808
			1	17.793
			2	17.858
	48		0	17.828
			1	17.816
			2	17.747
	52		0	17.768
			1	17.761
			2	17.732
	60		0	17.908
			1	17.877
			2	17.834
IEEE 802.11ac_20	64		0	17.885
			1	17.920
			2	17.860
	100		0	17.864
			1	17.916
			2	17.840
	116		0	17.806
			1	17.753
			2	17.733
	120		0	17.840
			1	17.766
			2	17.742
	140		0	17.838
			1	17.855
			2	17.852
	144		0	17.751
			1	17.732
			2	17.723
			0	36.234
	38		1	36.324
			2	36.235
IEEE 802.11ac_40	46		0	36.186
			1	36.251
			2	36.138
	54		0	36.074
			1	36.205
			2	36.032

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	62		0	36.166		
				1	36.333	
				2	36.204	
	102			0	36.214	
				1	36.285	
		2	36.260			
	110		0	36.089		
			1	36.183		
			2	36.101		
	118		0	36.058		
			1	36.219		
			2	36.102		
	134		0	36.266		
			1	36.393		
			2	36.289		
IEEE 802.11ac_80	42		0	75.602		
				1	75.480	
				2	75.479	
	58		0	75.514		
			1	75.523		
			2	75.447		
	106		0	75.583		
			1	75.530		
			2	75.443		
IEEE 802.11ac_160	50		0	153.538		
				1	153.988	
				2	153.748	
	114		0	153.825		
			1	153.761		
			2	153.918		
IEEE 802.11ax_20	36	SU	0	19.020		
				1	19.044	
				2	19.037	
			44		0	18.958
					1	18.979
					2	18.984
			48		0	18.902
					1	18.885
					2	18.902
			52		0	18.988
					1	19.007
					2	18.990
			60		0	19.046
					1	19.030
			2	19.032		
	64		0	19.041		
			1	19.056		
			2	19.029		
	100		0	19.025		
			1	19.020		
			2	19.012		
	116		0	19.059		
			1	18.975		
			2	18.970		
	140		0	19.031		
			1	19.051		
			2	19.019		
IEEE 802.11ax_40	38		0	37.640		
				1	37.657	
				2	37.708	
	46			0	37.538	
				1	37.574	
			2	37.564		

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	54		0	37.615
			1	37.518
			2	37.530
	62		0	37.670
			1	37.713
			2	37.653
	102		0	37.704
			1	37.669
			2	37.686
	110		0	37.541
			1	37.568
			2	37.568
IEEE 802.11ax_80	42		0	37.733
			1	37.731
			2	37.671
	0		76.978	
	1		77.005	
	2		76.984	
58	0	76.991		
	1	76.963		
	2	76.974		
106	0	77.004		
	1	77.083		
	2	77.036		
IEEE 802.11ax_160	50		0	155.403
			1	155.363
			2	155.371
	114		0	155.437
			1	155.429
			2	155.183

Mode	Channel	RU & Index	Ant.	99% BW (MHz)		
IEEE 802.11a	144	N/A	0	13.327		
			1	13.296		
			2	14.770		
IEEE 802.11n_20			0	13.866		
			1	13.844		
			2	13.894		
IEEE 802.11n_40			142	N/A	0	32.775
					1	32.751
					2	32.785
IEEE 802.11ac_20	0	13.890				
	1	13.841				
	2	13.850				
IEEE 802.11ac_40	0	32.750				
	1	32.781				
	2	32.782				
IEEE 802.11ac_80	138	N/A	0	72.019		
			1	72.098		
			2	72.023		
IEEE 802.11ax_20			144	SU	0	14.445
					1	14.452
					2	14.471
IEEE 802.11ax_40					0	33.514
					1	33.514
					2	33.522
IEEE 802.11ax_80	138	SU			0	72.856
					1	72.911
					2	72.839

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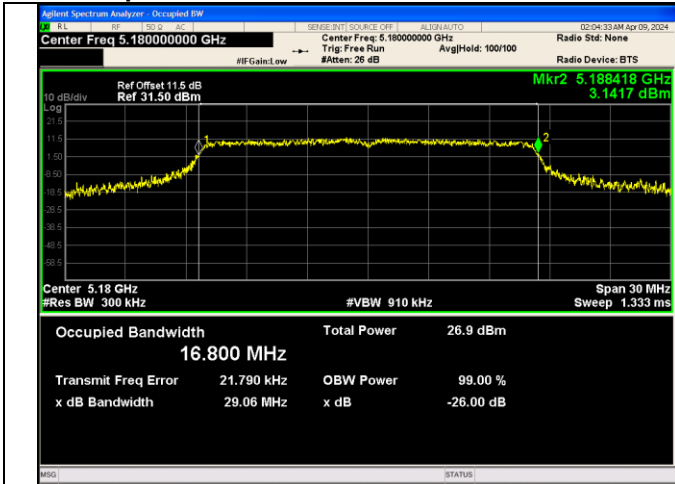
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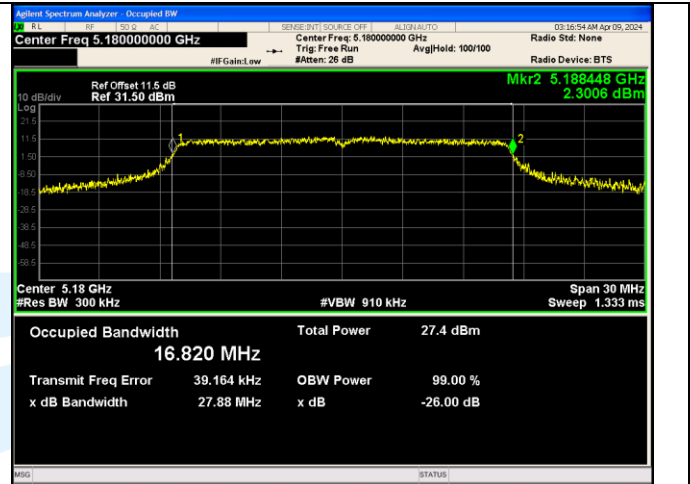
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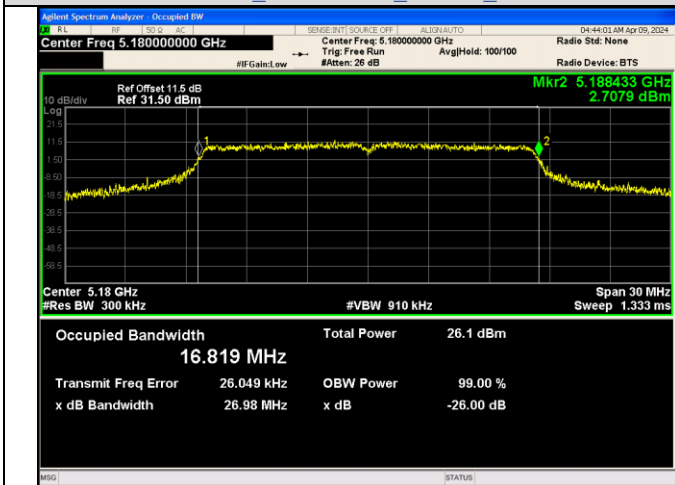
Test Graphs



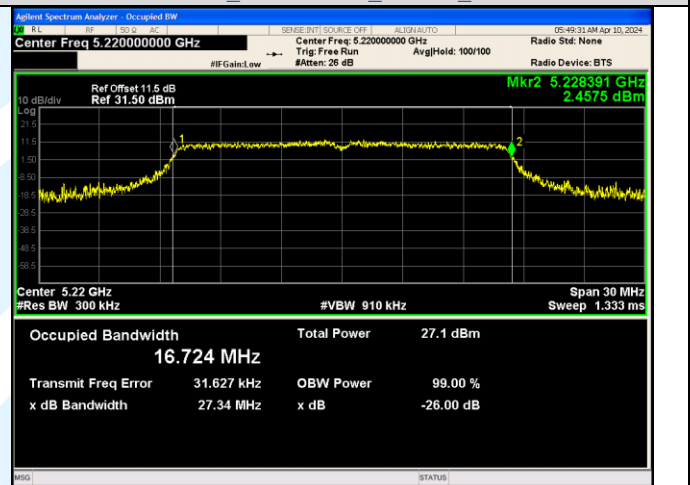
IEEE 802.11a\_Channel 36\_20MHz\_Antenna 0



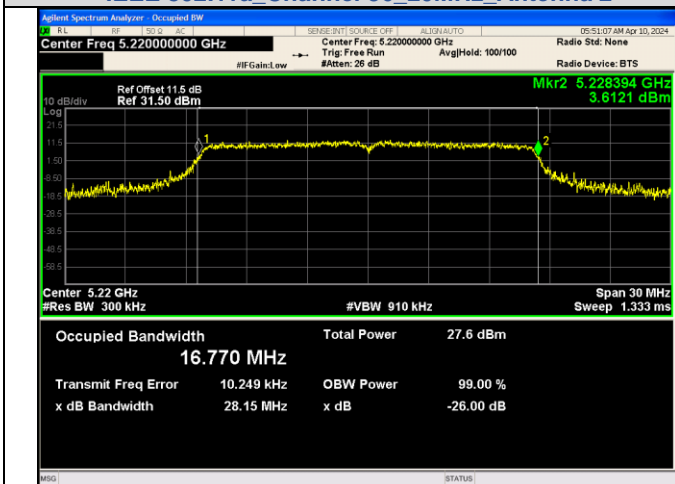
IEEE 802.11a\_Channel 36\_20MHz\_Antenna 1



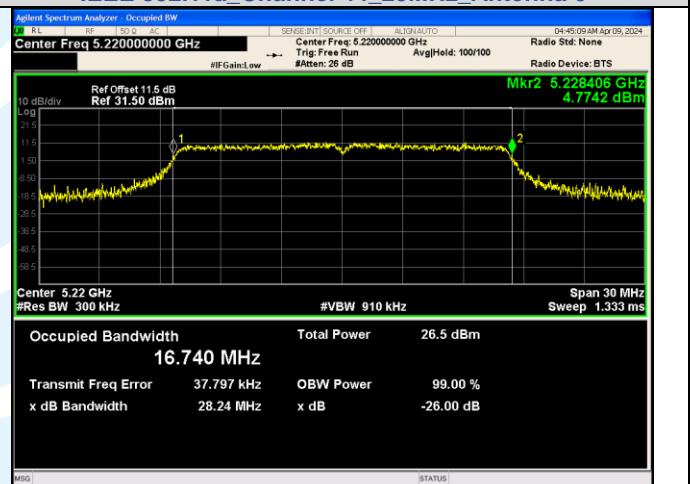
IEEE 802.11a\_Channel 36\_20MHz\_Antenna 2



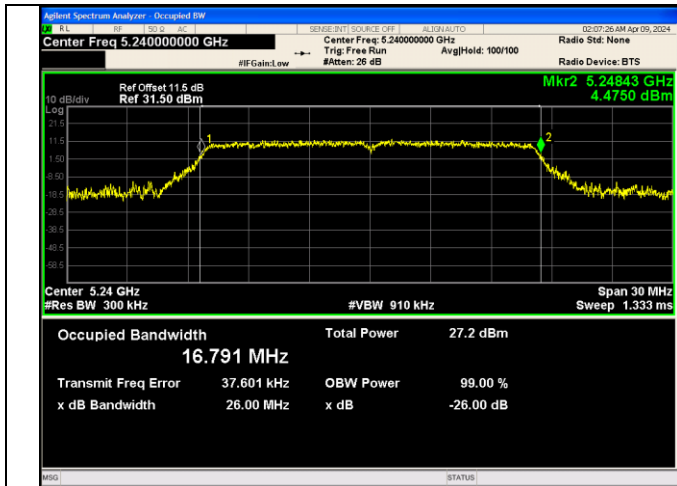
IEEE 802.11a\_Channel 44\_20MHz\_Antenna 0



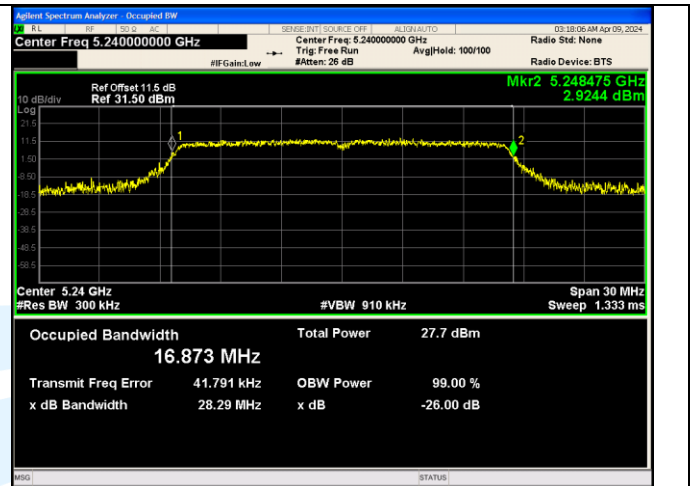
IEEE 802.11a\_Channel 44\_20MHz\_Antenna 1



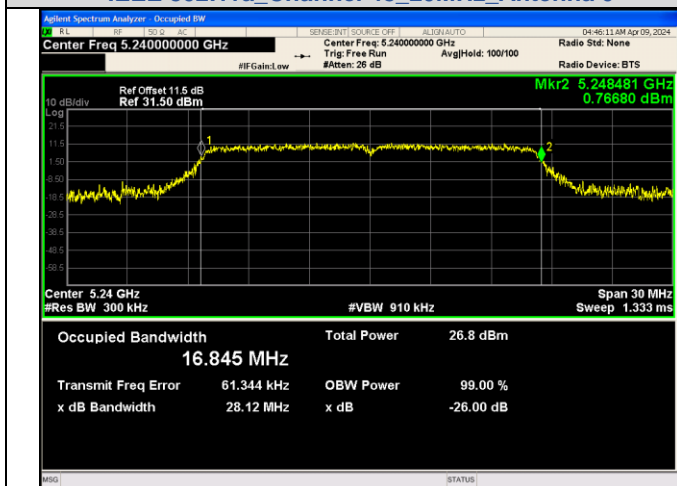
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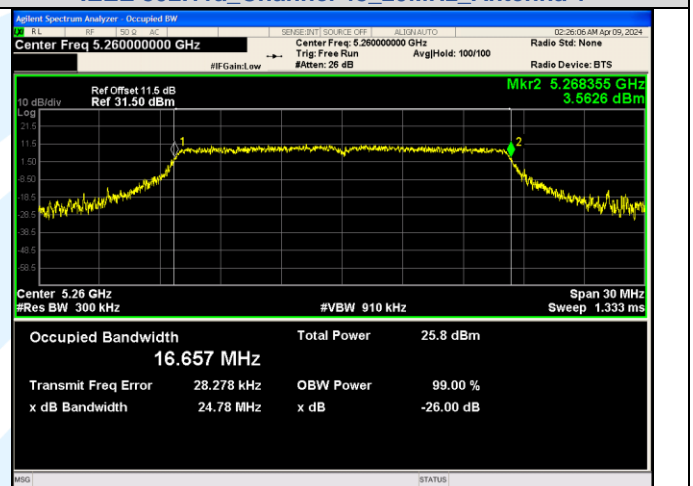
IEEE 802.11a\_Channel 48\_20MHz\_Antenna 0



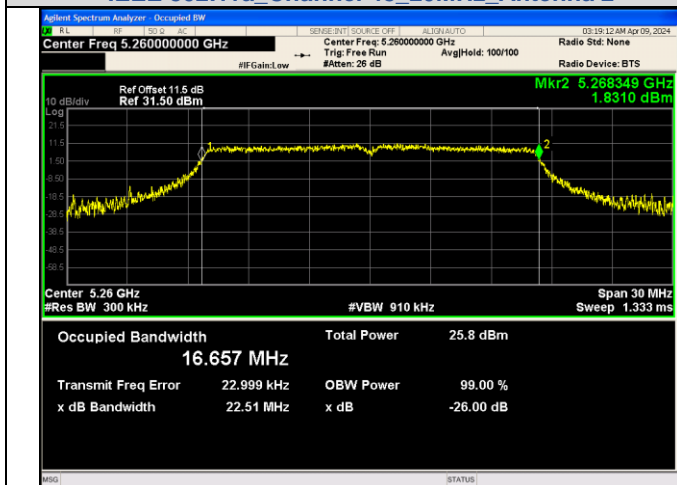
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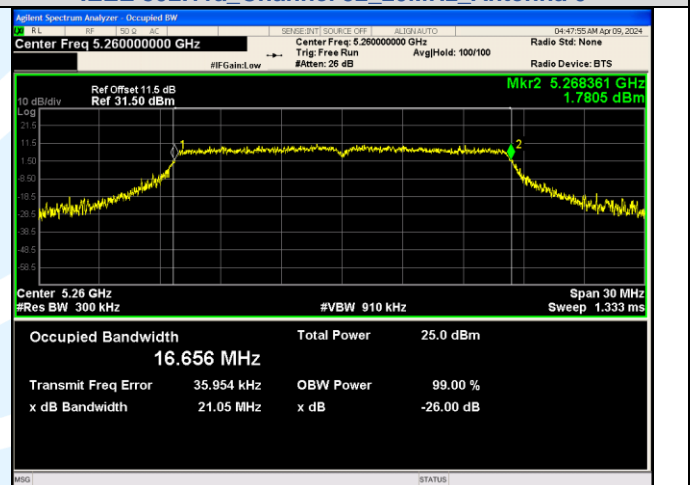
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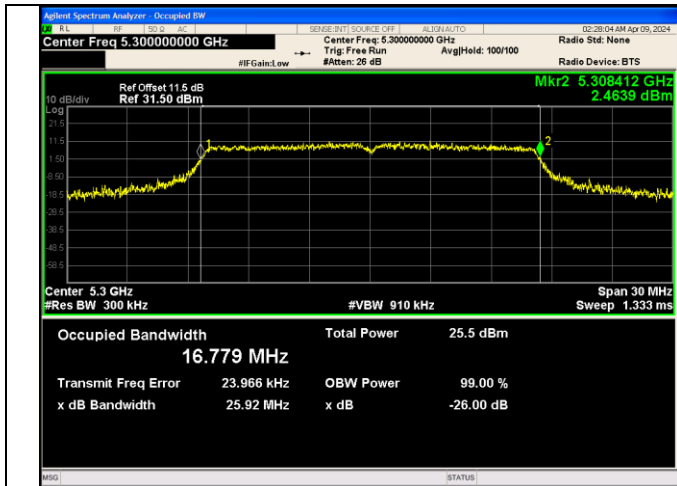
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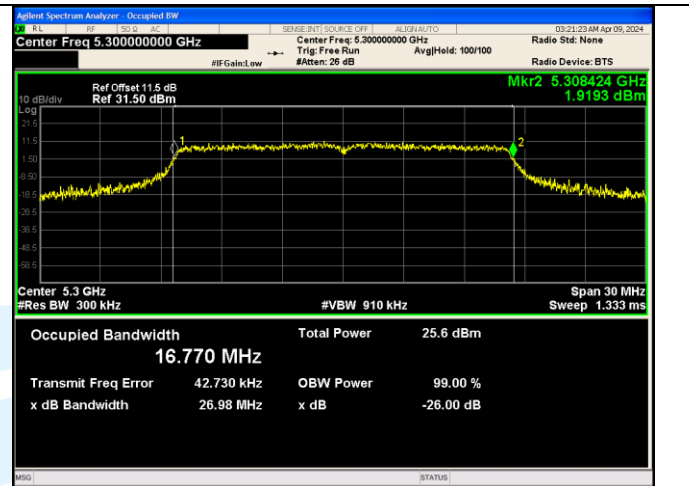
IEEE 802.11a\_Channel 52\_20MHz\_Antenna 1



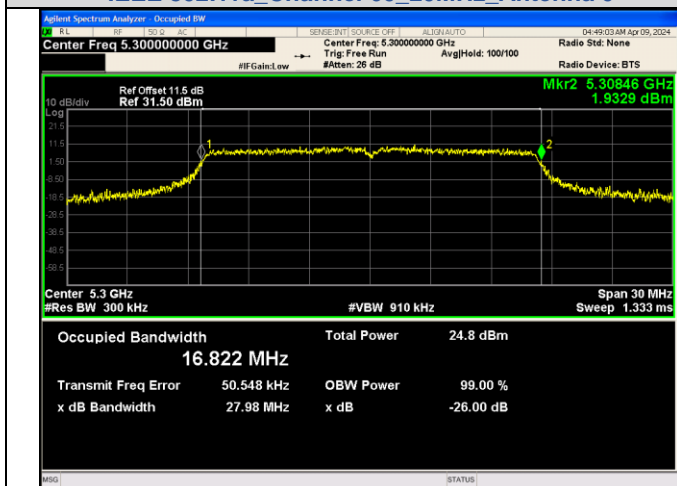
IEEE 802.11a\_Channel 52\_20MHz\_Antenna 2



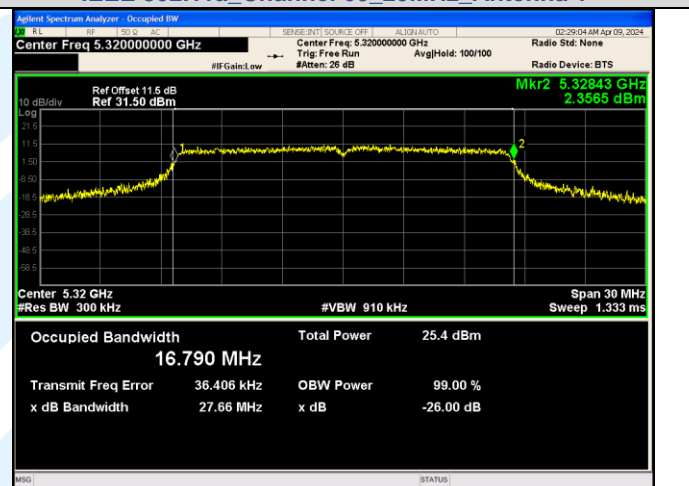
IEEE 802.11a\_Channel 60\_20MHz\_Antenna 0



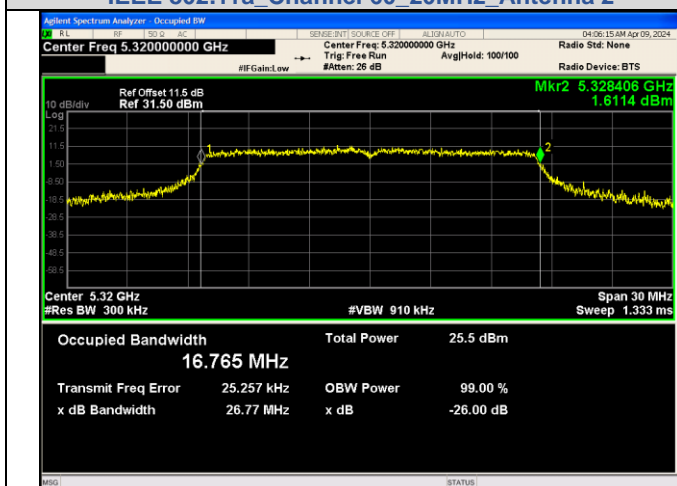
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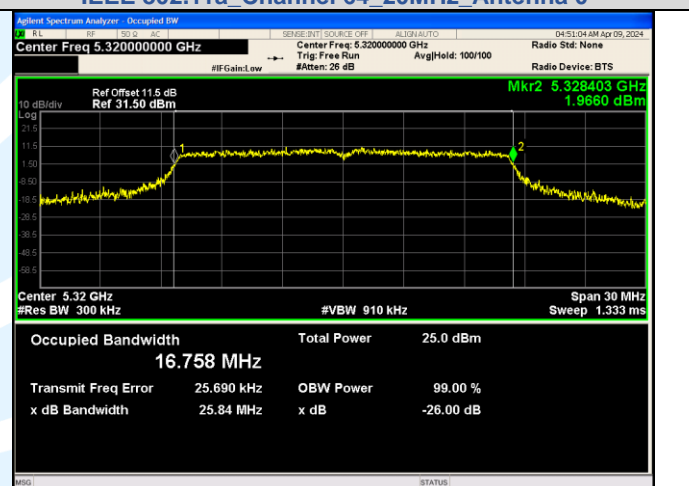
IEEE 802.11a\_Channel 60\_20MHz\_Antenna 2



IEEE 802.11a\_Channel 64\_20MHz\_Antenna 0



IEEE 802.11a\_Channel 64\_20MHz\_Antenna 1



IEEE 802.11a\_Channel 64\_20MHz\_Antenna 2