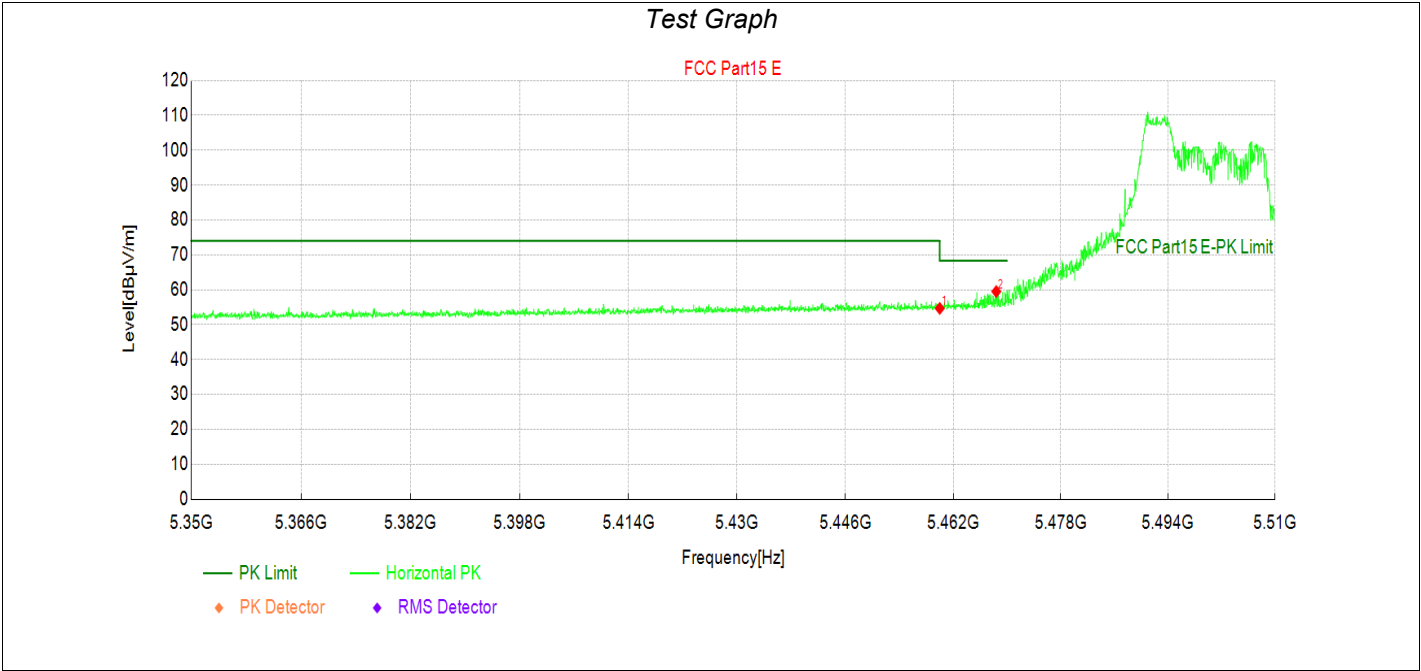
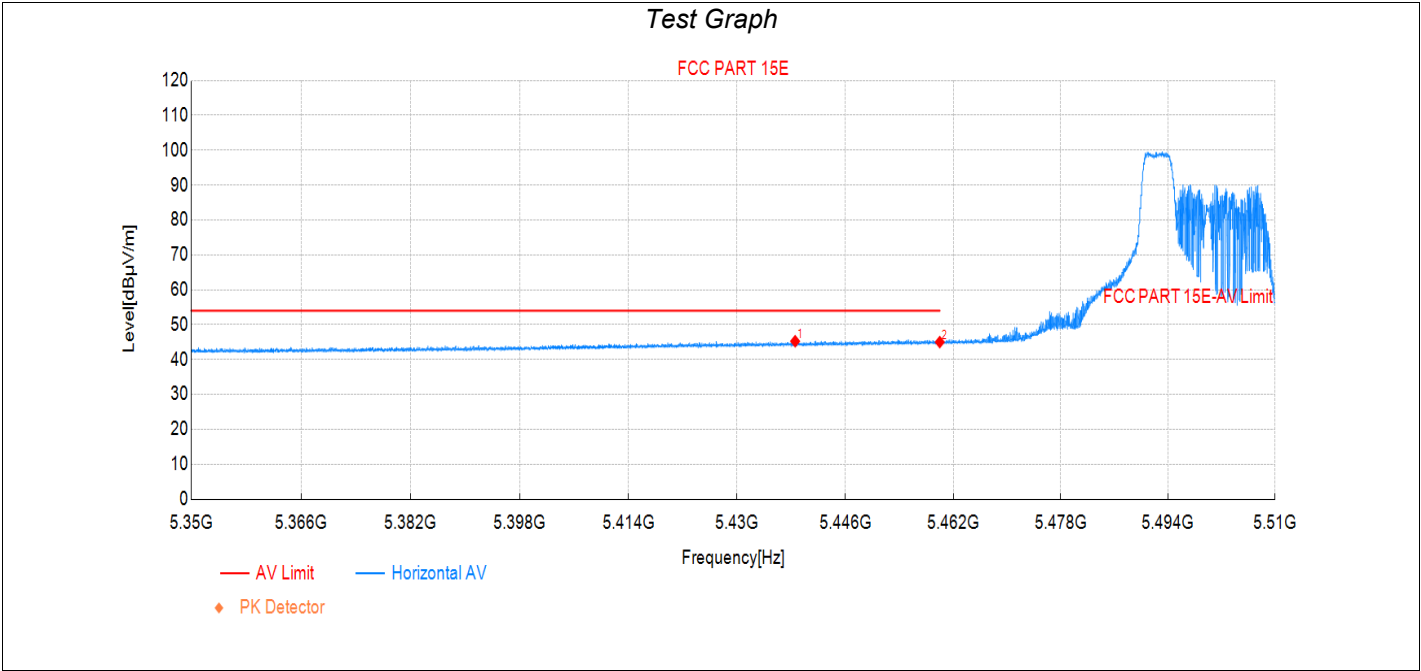


Transmit at 5500MHz by 802.11ax(20MHz) with RU52-37 Ant2+3



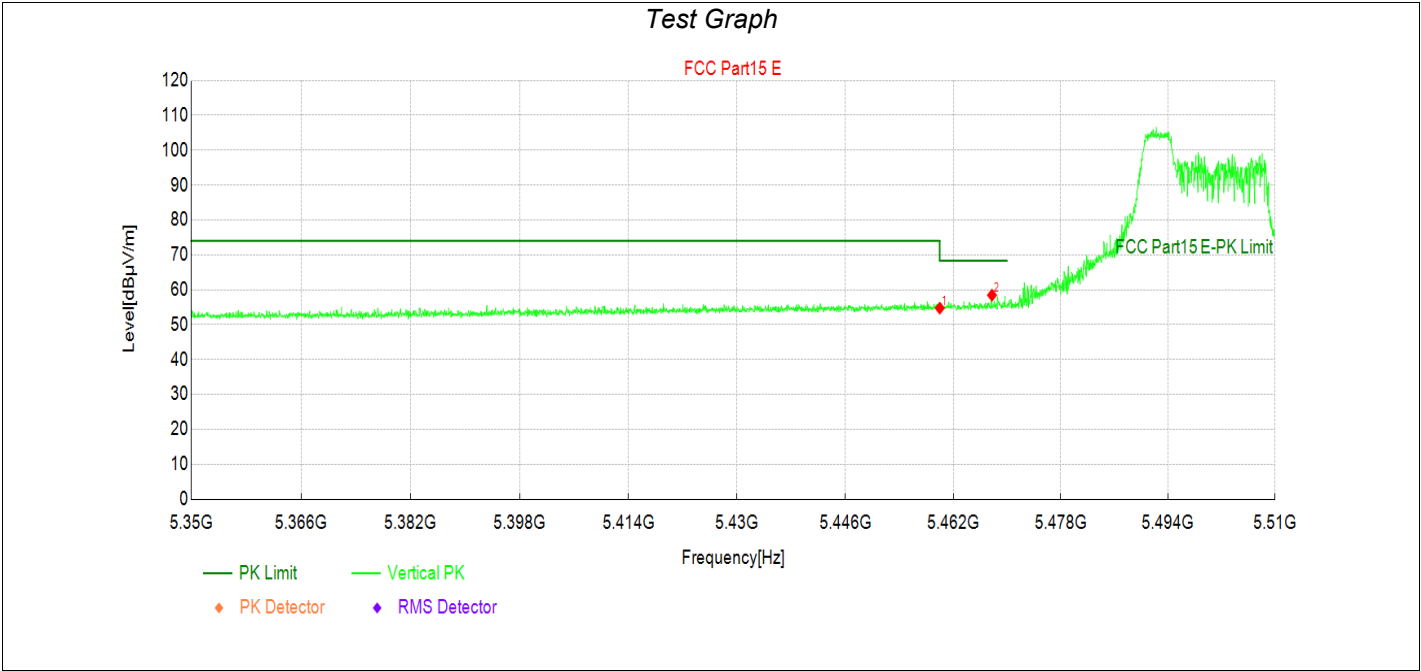
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5460.00	37.23	54.67	17.44	68.30	13.63	PK	Horizo	PASS
2	5468.40	41.98	59.50	17.52	68.30	8.80	PK	Horizo	PASS

Transmit at 5500MHz by 802.11ax(20MHz) with RU52-37 Ant2+3



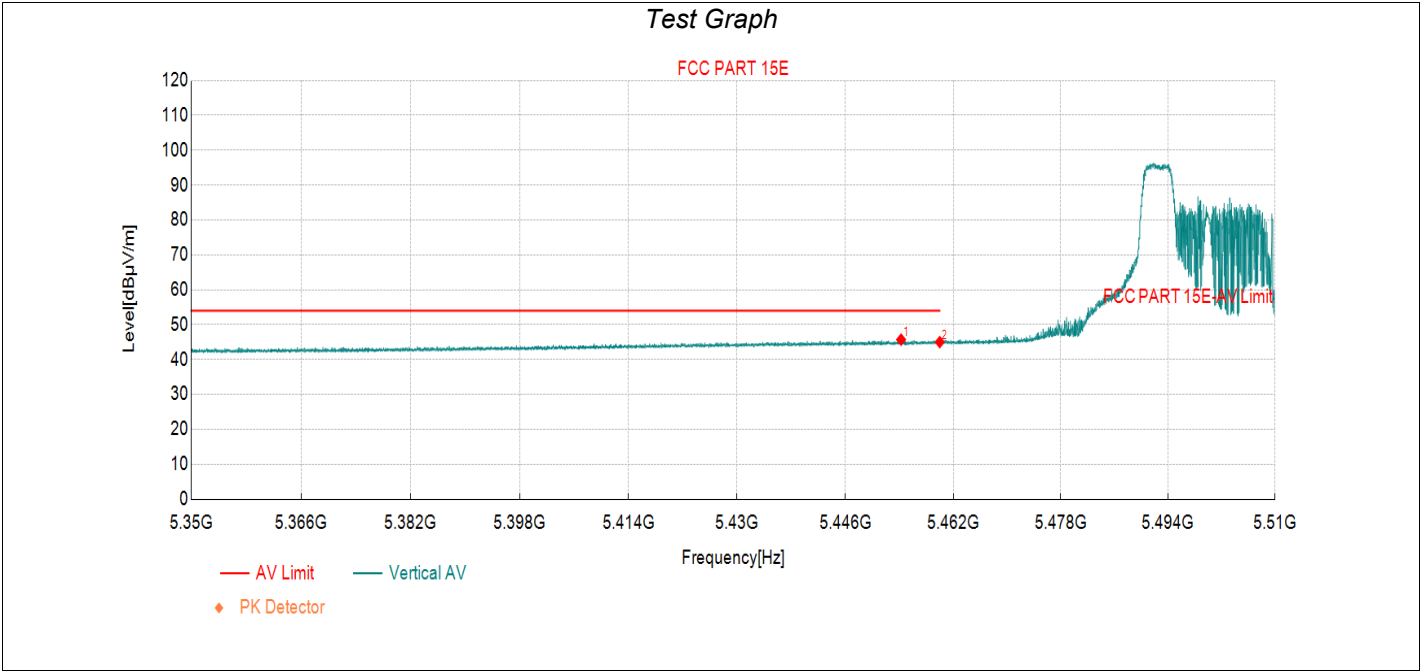
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5438.58	28.01	45.25	17.24	54.00	8.75	AV	Horizo	PASS
2	5460.00	27.57	45.01	17.44	54.00	8.99	AV	Horizo	PASS

Transmit at 5500MHz by 802.11ax(20MHz) with RU52-37 Ant2+3



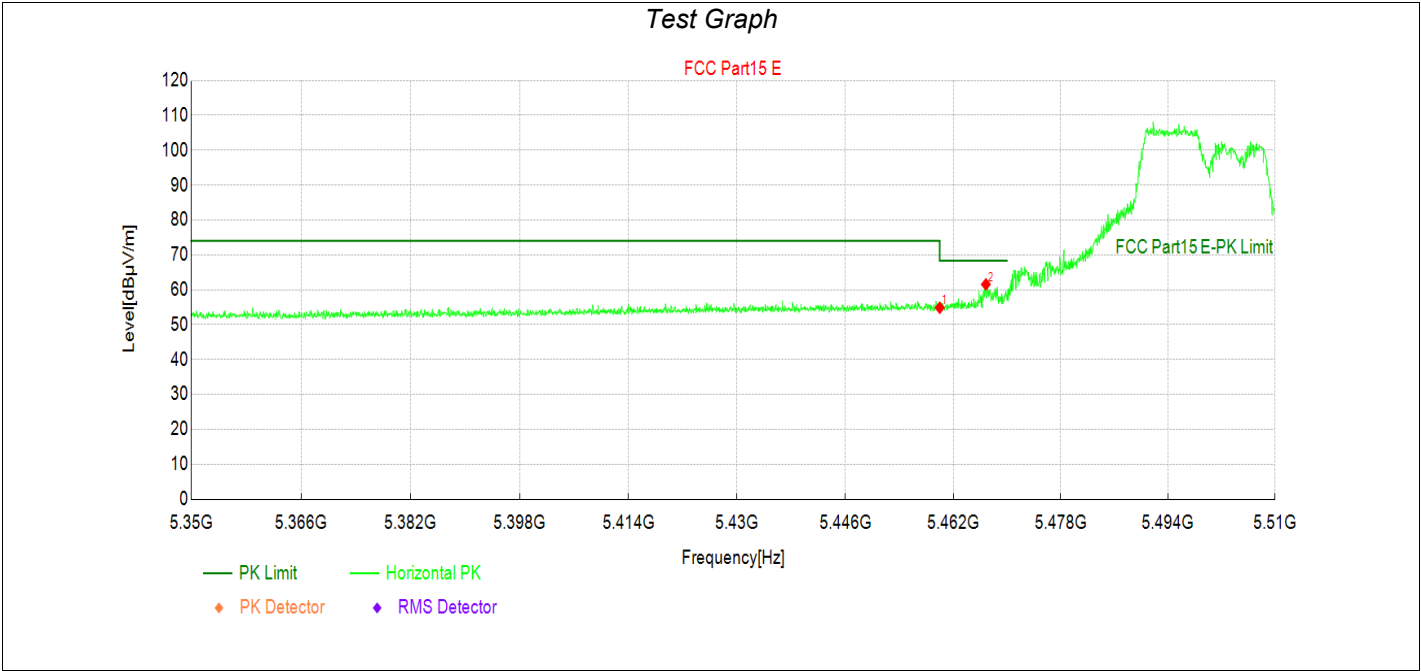
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5460.00	37.30	54.74	17.44	68.30	13.56	PK	Vertic	PASS
2	5467.76	40.93	58.45	17.52	68.30	9.85	PK	Vertic	PASS

Transmit at 5500MHz by 802.11ax(20MHz) with RU52-37 Ant2+3



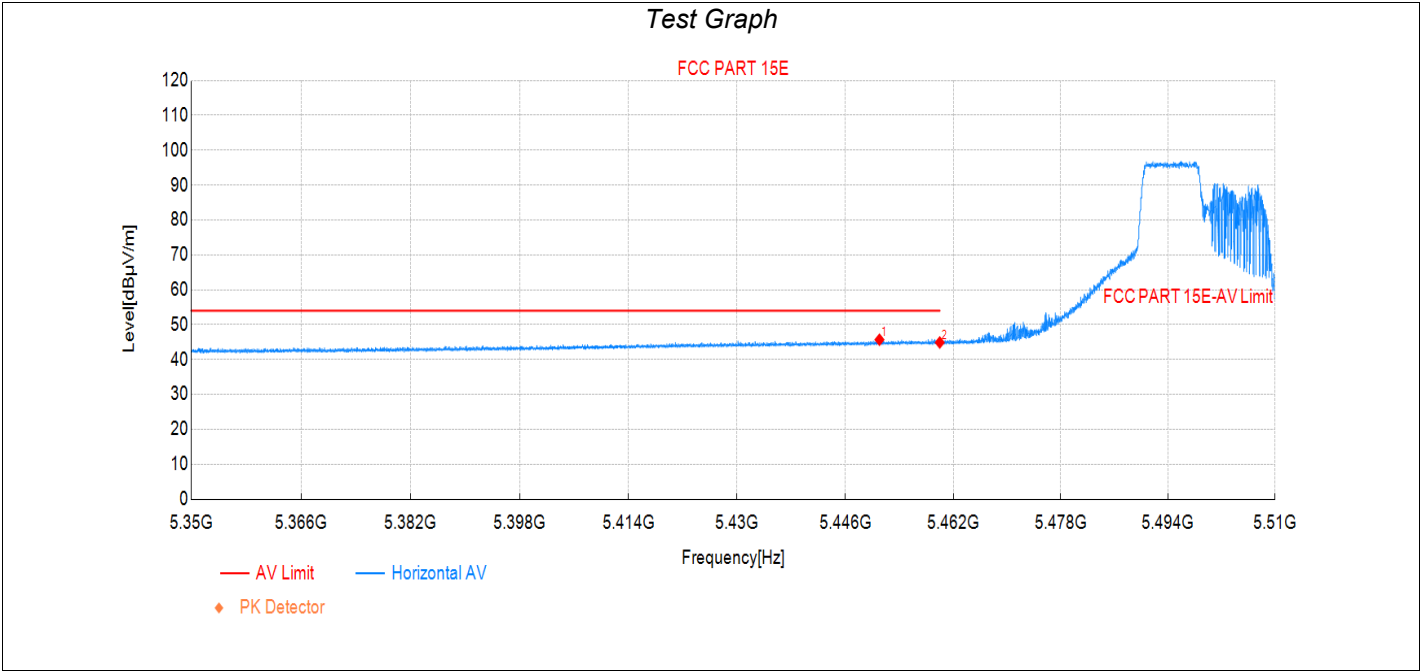
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5454.26	28.32	45.70	17.38	54.00	8.30	AV	Vertic	PASS
2	5460.00	27.57	45.01	17.44	54.00	8.99	AV	Vertic	PASS

Transmit at 5500MHz by 802.11ax(20MHz) with RU106-53 Ant2+3



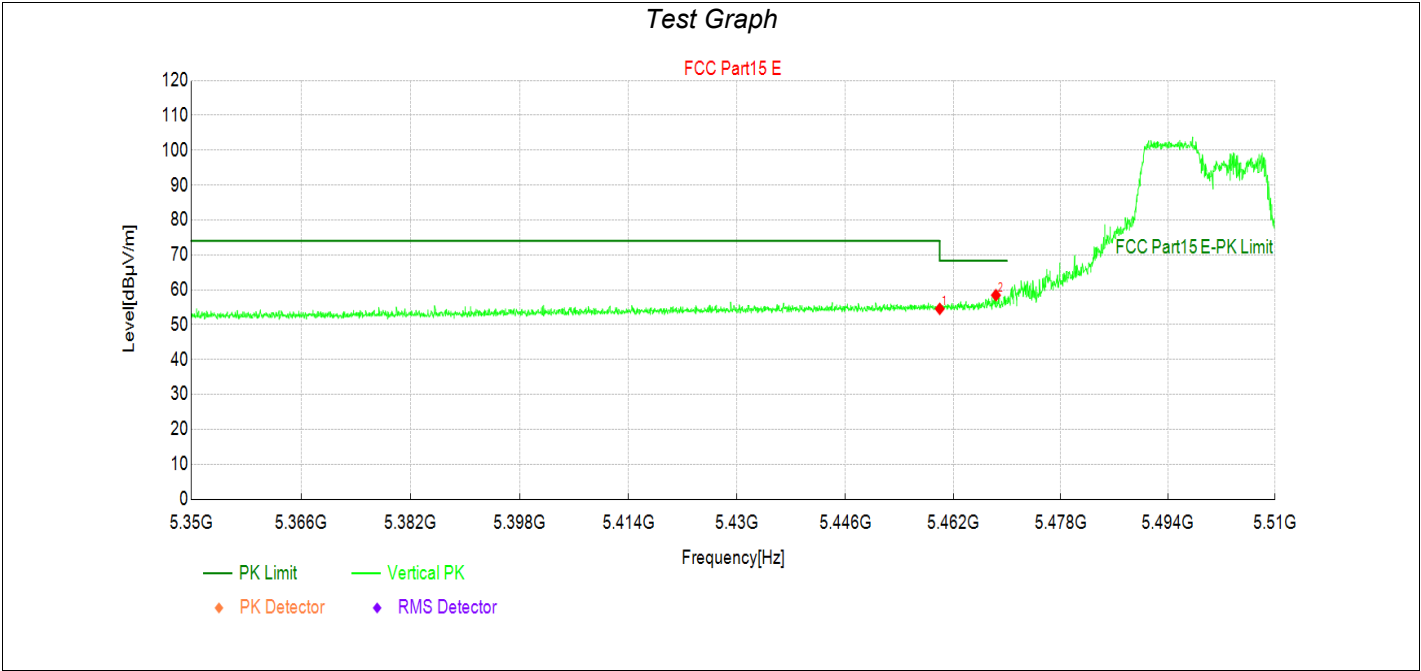
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5460.00	37.42	54.86	17.44	68.30	13.44	PK	Horizo	PASS
2	5466.85	44.05	61.55	17.50	68.30	6.75	PK	Horizo	PASS

Transmit at 5500MHz by 802.11ax(20MHz) with RU106-53 Ant2+3



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5451.06	28.33	45.69	17.36	54.00	8.31	AV	Horizo	PASS
2	5460.00	27.45	44.89	17.44	54.00	9.11	AV	Horizo	PASS

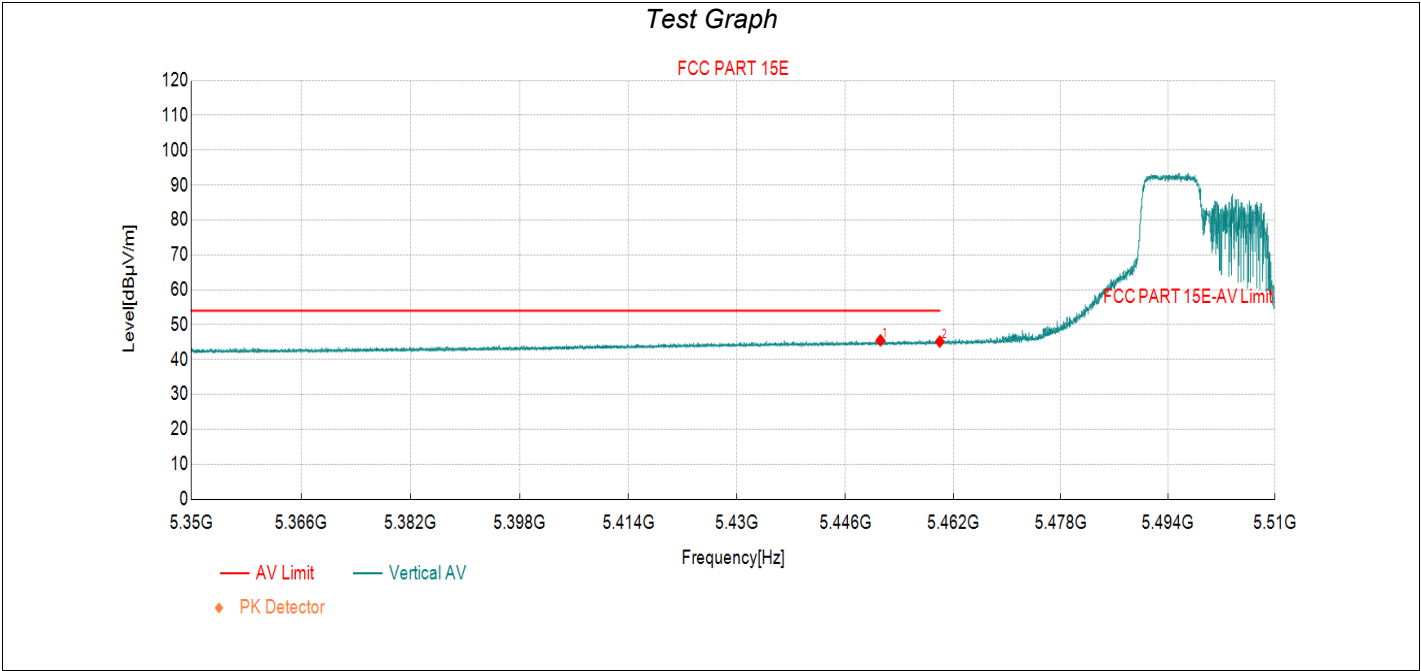
Transmit at 5500MHz by 802.11ax(20MHz) with RU106-53 Ant2+3



Data List

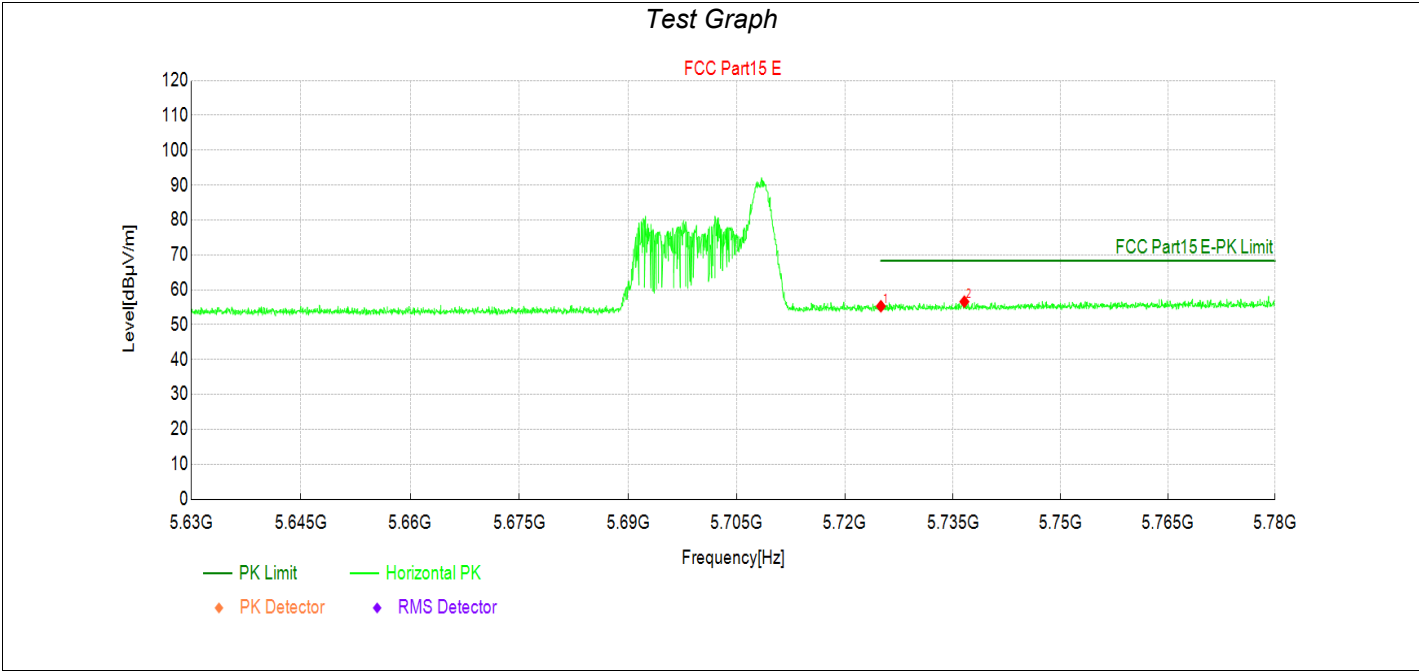
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5460.00	37.11	54.55	17.44	68.30	13.75	PK	Vertic	PASS
2	5468.35	40.93	58.45	17.52	68.30	9.85	PK	Vertic	PASS

Transmit at 5500MHz by 802.11ax(20MHz) with RU106-53 Ant2+3



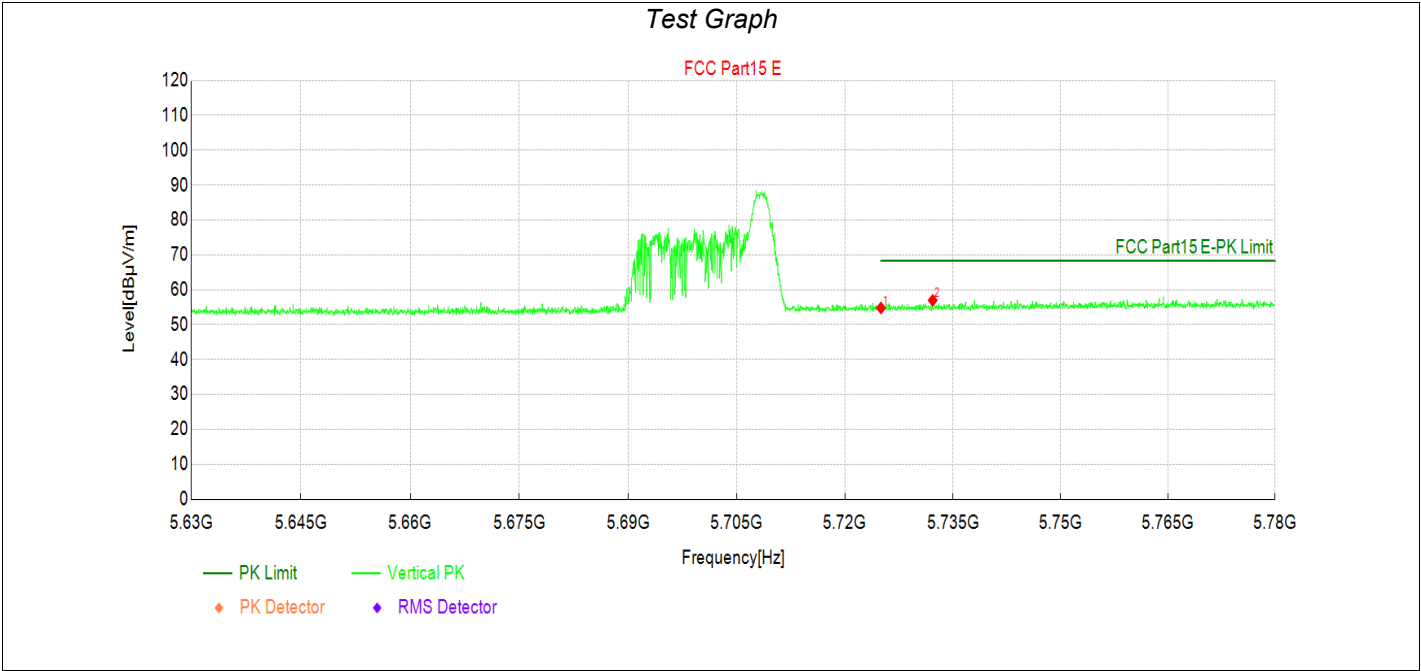
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5451.20	28.15	45.51	17.36	54.00	8.49	AV	Vertic	PASS
2	5460.00	27.70	45.14	17.44	54.00	8.86	AV	Vertic	PASS

Transmit at 5700MHz by 802.11ax(20MHz) with RU26-8 Ant2+3



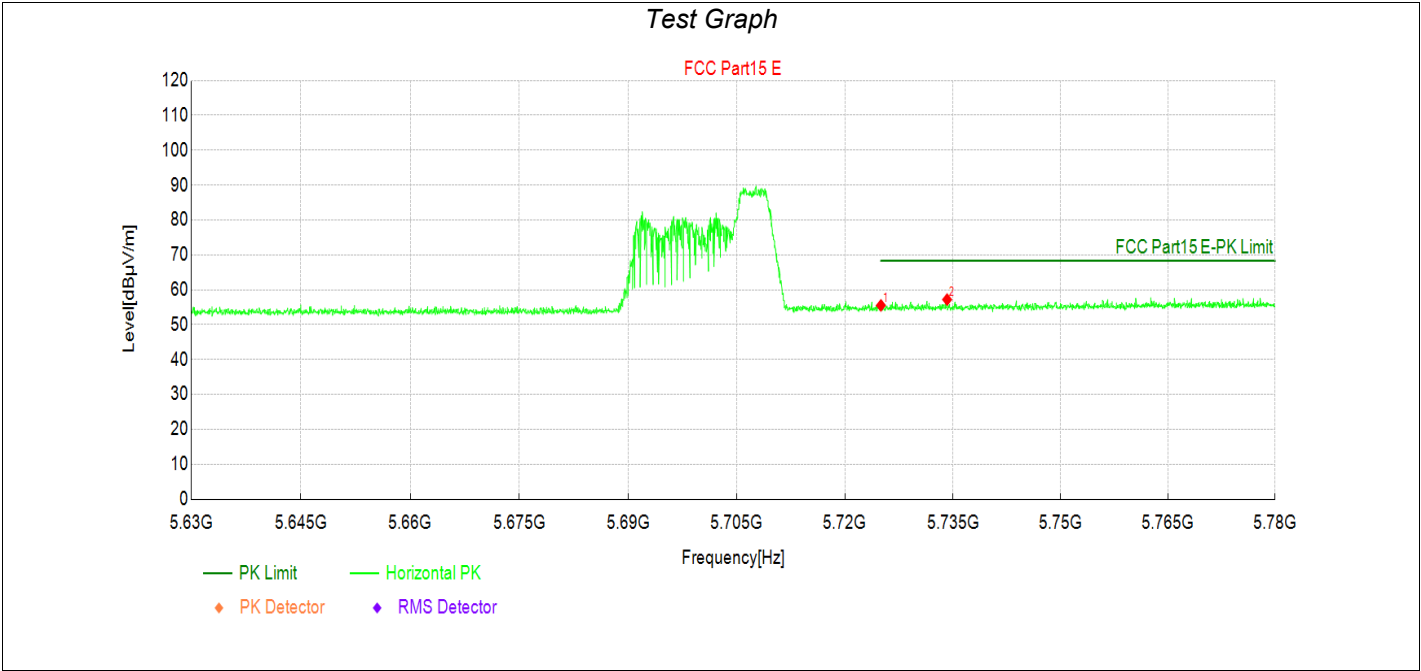
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5725.00	37.00	55.28	18.28	68.30	13.02	PK	Horizo	PASS
2	5736.60	38.27	56.59	18.32	68.30	11.71	PK	Horizo	PASS

Transmit at 5700MHz by 802.11ax(20MHz) with RU26-8 Ant2+3



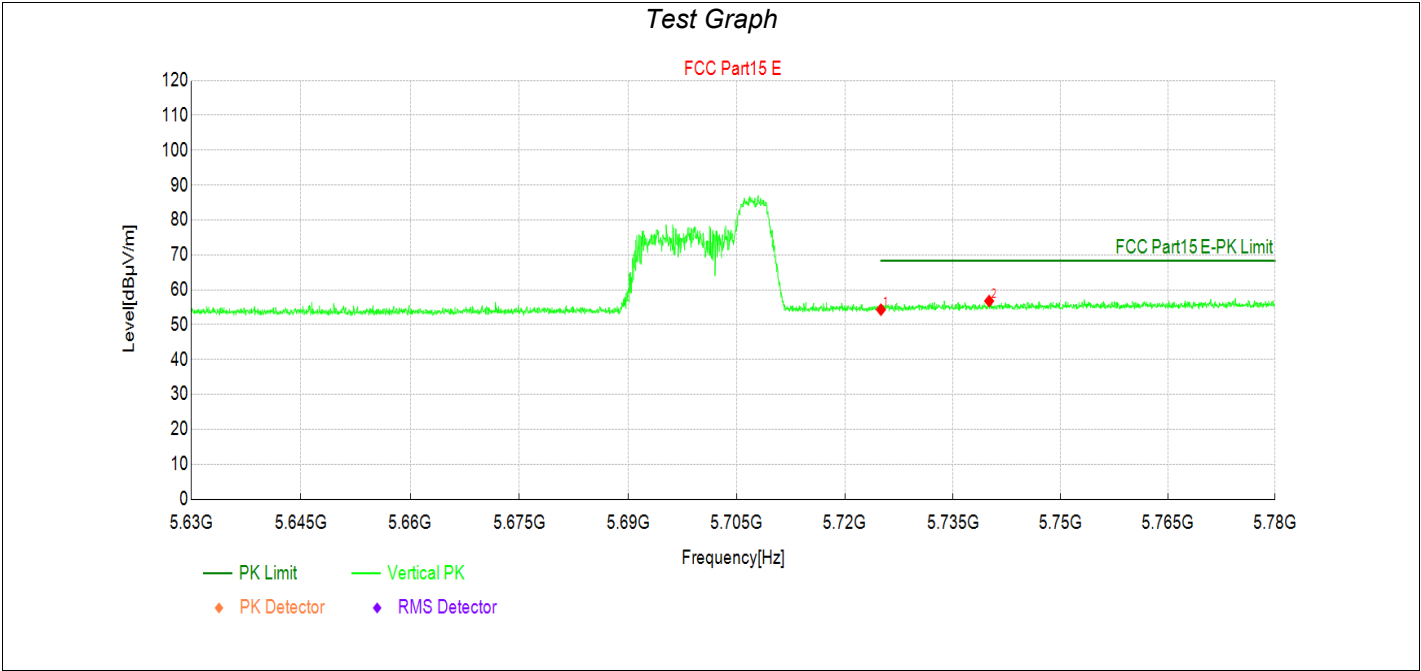
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5725.00	36.50	54.78	18.28	68.30	13.52	PK	Vertic	PASS
2	5732.20	38.68	56.98	18.30	68.30	11.32	PK	Vertic	PASS

Transmit at 5700MHz by 802.11ax(20MHz) with RU52-40 Ant2+3



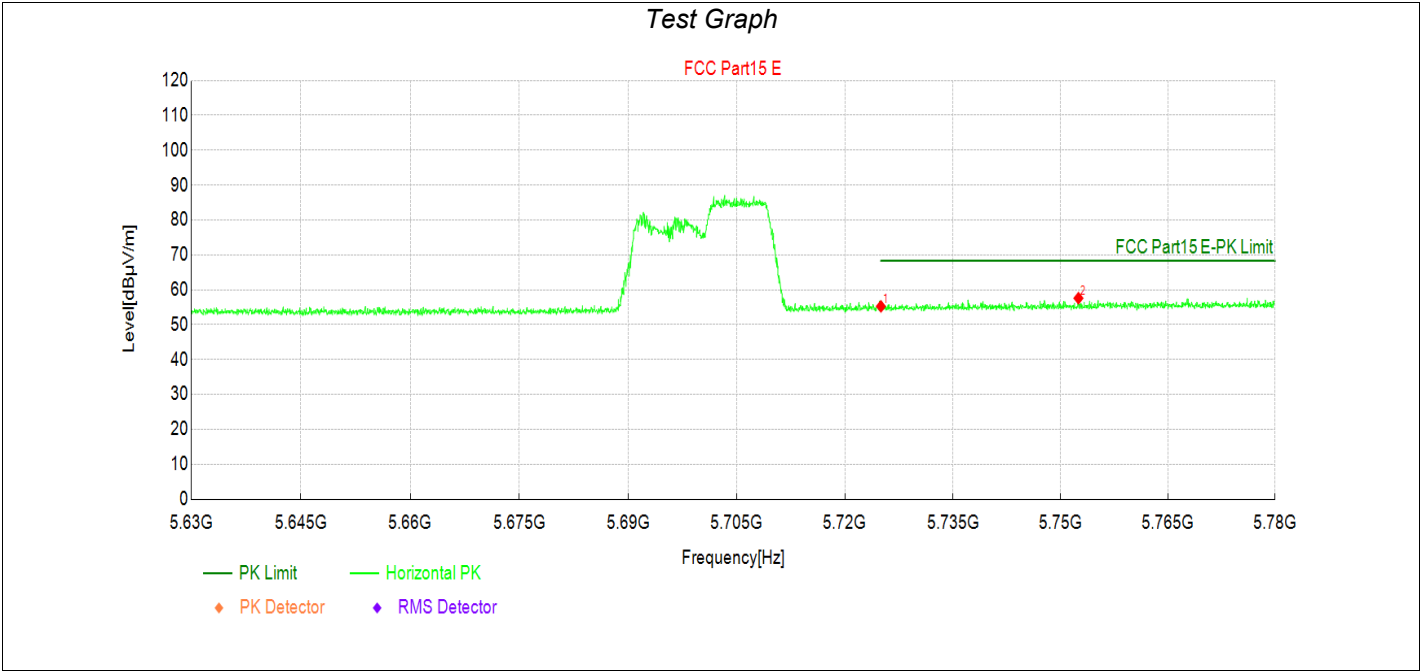
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5725.00	37.25	55.53	18.28	68.30	12.77	PK	Horizo	PASS
2	5734.20	38.88	57.19	18.31	68.30	11.11	PK	Horizo	PASS

Transmit at 5700MHz by 802.11ax(20MHz) with RU52-40 Ant2+3



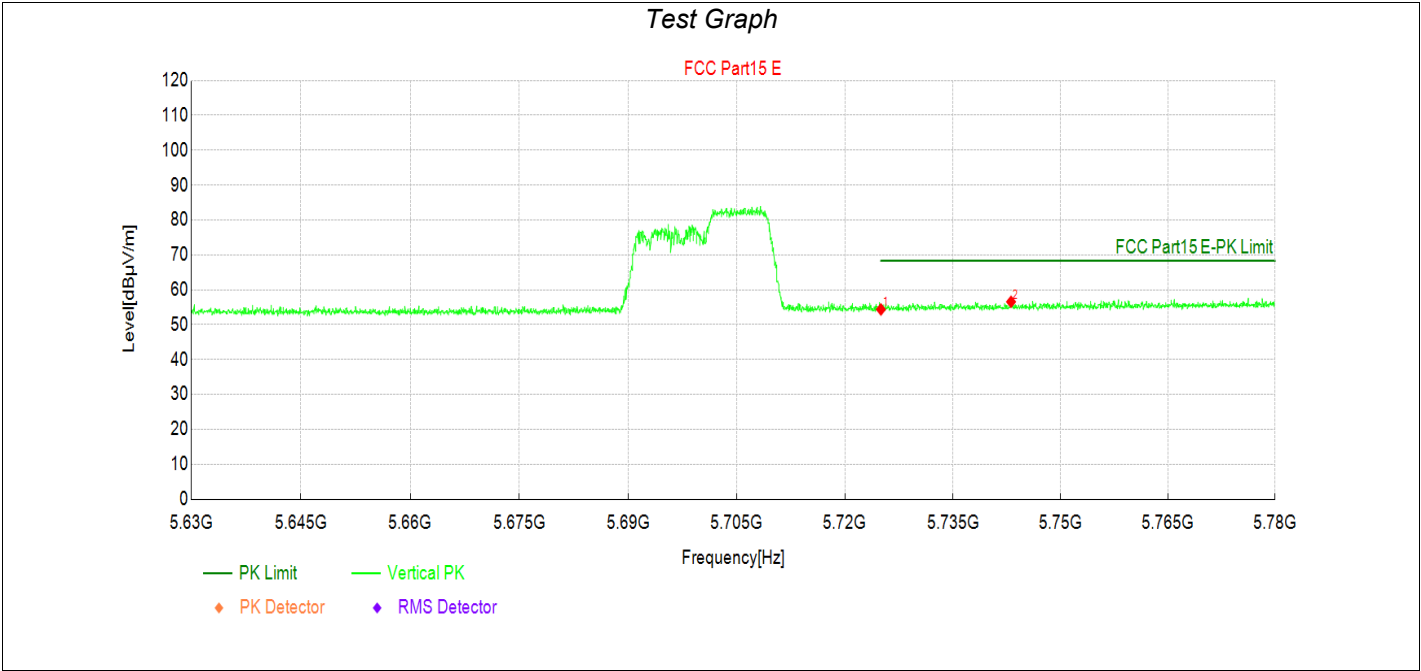
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5725.00	36.02	54.30	18.28	68.30	14.00	PK	Vertic	PASS
2	5740.05	38.45	56.78	18.33	68.30	11.52	PK	Vertic	PASS

Transmit at 5700MHz by 802.11ax(20MHz) with RU106-54 Ant2+3



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5725.00	36.97	55.25	18.28	68.30	13.05	PK	Horizo	PASS
2	5752.50	39.22	57.59	18.37	68.30	10.71	PK	Horizo	PASS

Transmit at 5700MHz by 802.11ax(20MHz) with RU106-54 Ant2+3

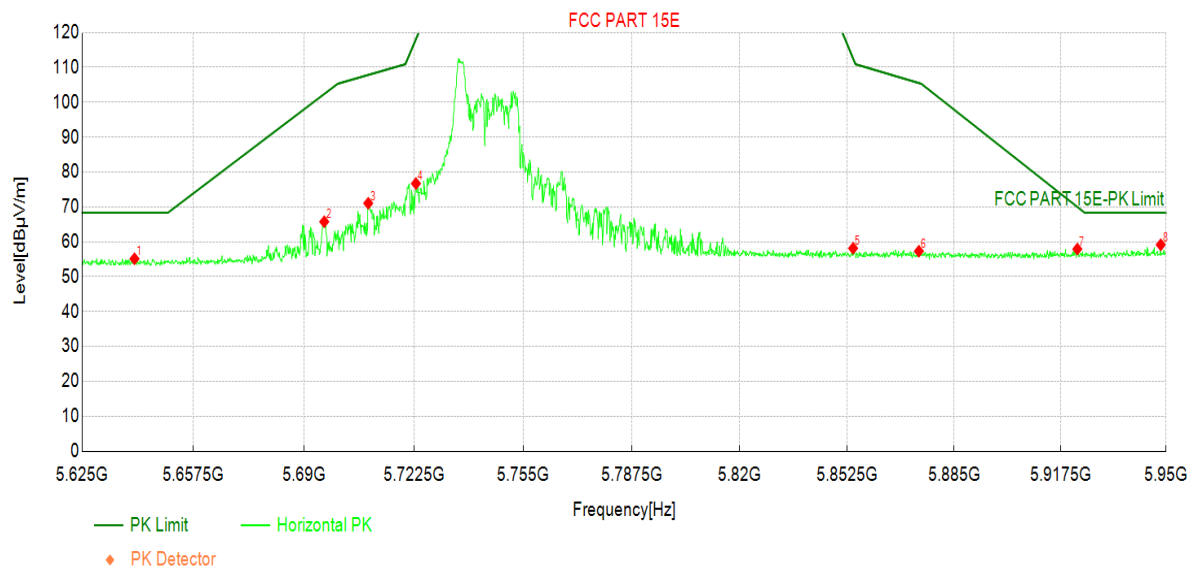


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5725.00	36.08	54.36	18.28	68.30	13.94	PK	Vertic	PASS
2	5743.10	38.21	56.55	18.34	68.30	11.75	PK	Vertic	PASS

Transmit at 5745MHz by 802.11ax(20MHz) with RU26-0 Ant2+3

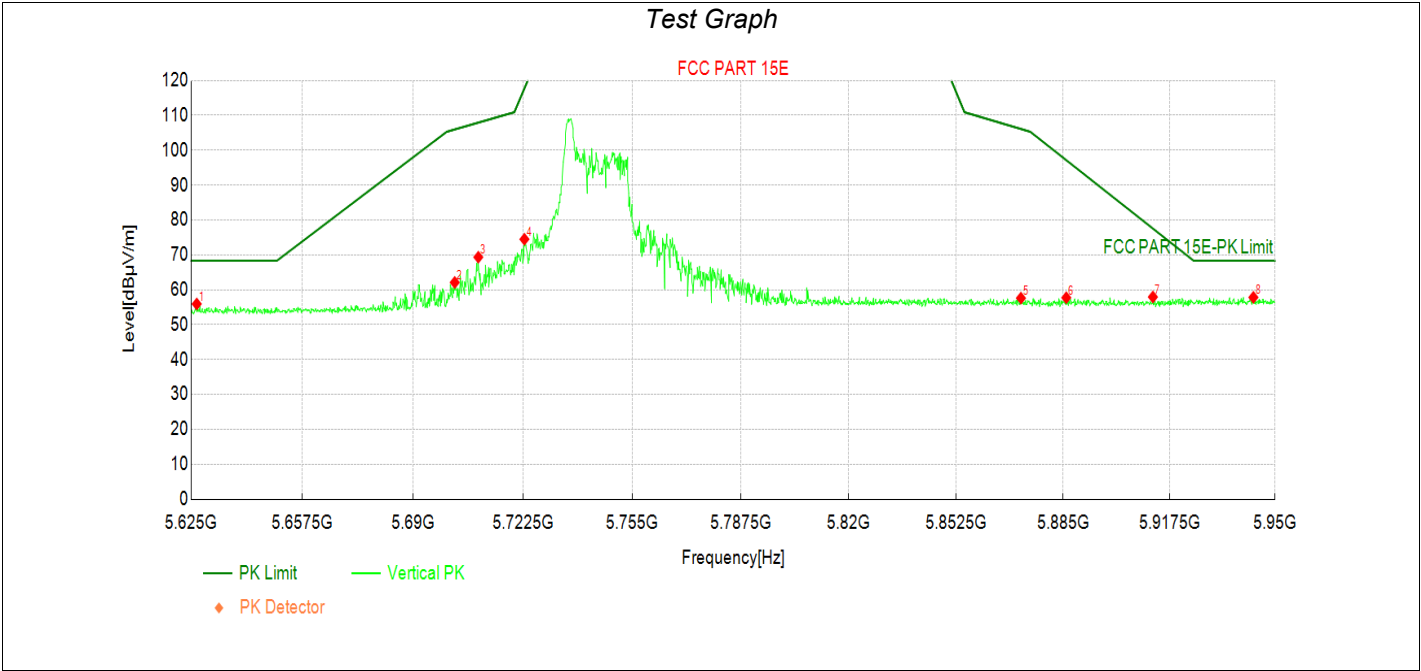
Test Graph



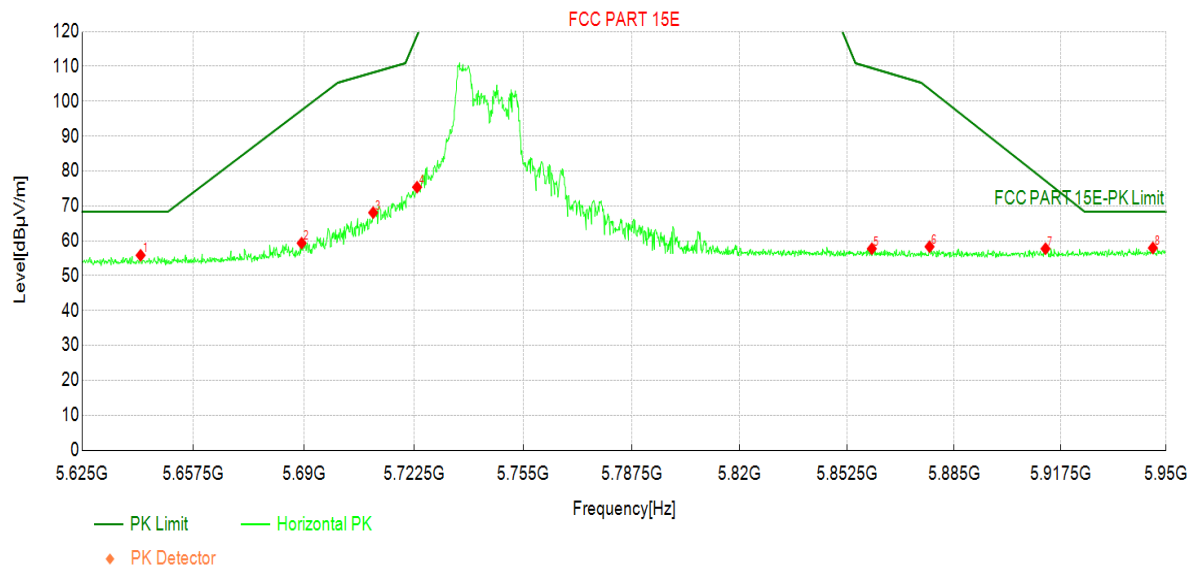
Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5640.28	37.12	55.14	18.02	68.30	13.16	PK	Horizo	PASS
2	5696.01	47.56	65.75	18.19	102.36	36.61	PK	Horizo	PASS
3	5709.01	52.82	71.05	18.23	107.83	36.78	PK	Horizo	PASS
4	5723.15	58.42	76.69	18.27	118.08	41.39	PK	Horizo	PASS
5	5854.29	39.31	58.14	18.83	112.52	54.38	PK	Horizo	PASS
6	5874.28	38.36	57.31	18.95	105.50	48.19	PK	Horizo	PASS
7	5922.70	38.70	57.91	19.21	70.00	12.09	PK	Horizo	PASS
8	5948.38	39.80	59.14	19.34	68.30	9.16	PK	Horizo	PASS

Transmit at 5745MHz by 802.11ax(20MHz) with RU26-0 Ant2+3



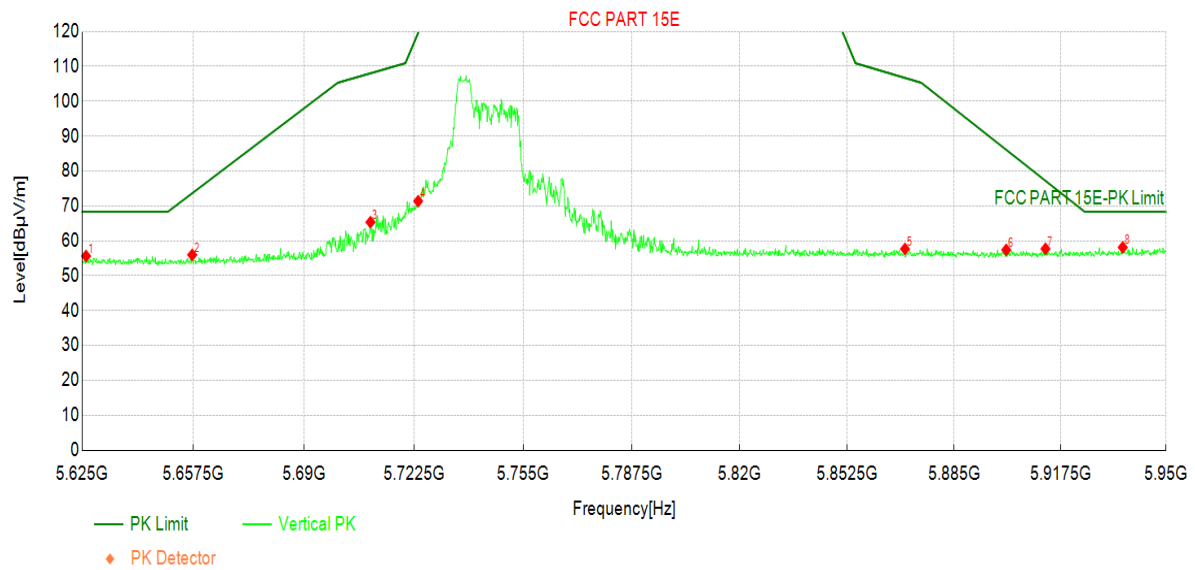
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5626.63	37.96	55.94	17.98	68.30	12.36	PK	Vertic	PASS
2	5702.35	43.89	62.10	18.21	105.96	43.86	PK	Vertic	PASS
3	5709.34	51.11	69.34	18.23	107.92	38.58	PK	Vertic	PASS
4	5722.99	56.22	74.49	18.27	117.71	43.22	PK	Vertic	PASS
5	5872.16	38.67	57.62	18.95	106.09	48.47	PK	Vertic	PASS
6	5885.98	38.71	57.73	19.02	97.15	39.42	PK	Vertic	PASS
7	5912.46	38.78	57.94	19.16	77.55	19.61	PK	Vertic	PASS
8	5943.34	38.51	57.83	19.32	68.30	10.47	PK	Vertic	PASS

Transmit at 5745MHz by 802.11ax(20MHz) with RU52-37 Ant2+3**Test Graph****Data List**

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5642.06	37.80	55.83	18.03	68.30	12.47	PK	Horizo	PASS
2	5689.35	41.15	59.32	18.17	97.45	38.13	PK	Horizo	PASS
3	5710.48	49.84	68.07	18.23	108.24	40.17	PK	Horizo	PASS
4	5723.48	57.10	75.37	18.27	118.82	43.45	PK	Horizo	PASS
5	5859.98	38.86	57.73	18.87	109.51	51.78	PK	Horizo	PASS
6	5877.53	39.35	58.32	18.97	103.42	45.10	PK	Horizo	PASS
7	5912.95	38.57	57.73	19.16	77.19	19.46	PK	Horizo	PASS
8	5945.94	38.62	57.95	19.33	68.30	10.35	PK	Horizo	PASS

Transmit at 5745MHz by 802.11ax(20MHz) with RU52-37 Ant2+3

Test Graph

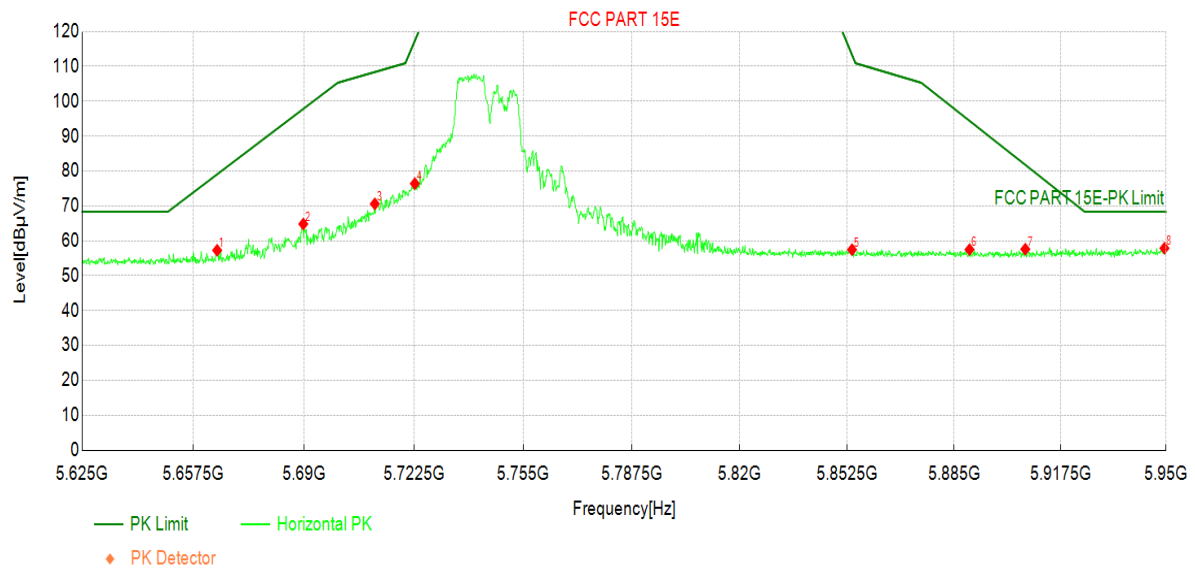


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5626.14	37.66	55.64	17.98	68.30	12.66	PK	Vertic	PASS
2	5657.18	37.90	55.97	18.07	73.63	17.66	PK	Vertic	PASS
3	5709.66	47.11	65.34	18.23	108.01	42.67	PK	Vertic	PASS
4	5723.80	53.09	71.36	18.27	119.56	48.20	PK	Vertic	PASS
5	5870.05	38.73	57.66	18.93	106.68	49.02	PK	Vertic	PASS
6	5900.93	38.30	57.40	19.10	86.08	28.68	PK	Vertic	PASS
7	5912.95	38.54	57.70	19.16	77.19	19.49	PK	Vertic	PASS
8	5936.68	38.83	58.11	19.28	68.30	10.19	PK	Vertic	PASS

Transmit at 5745MHz by 802.11ax(20MHz) with RU106-53 Ant2+3

Test Graph

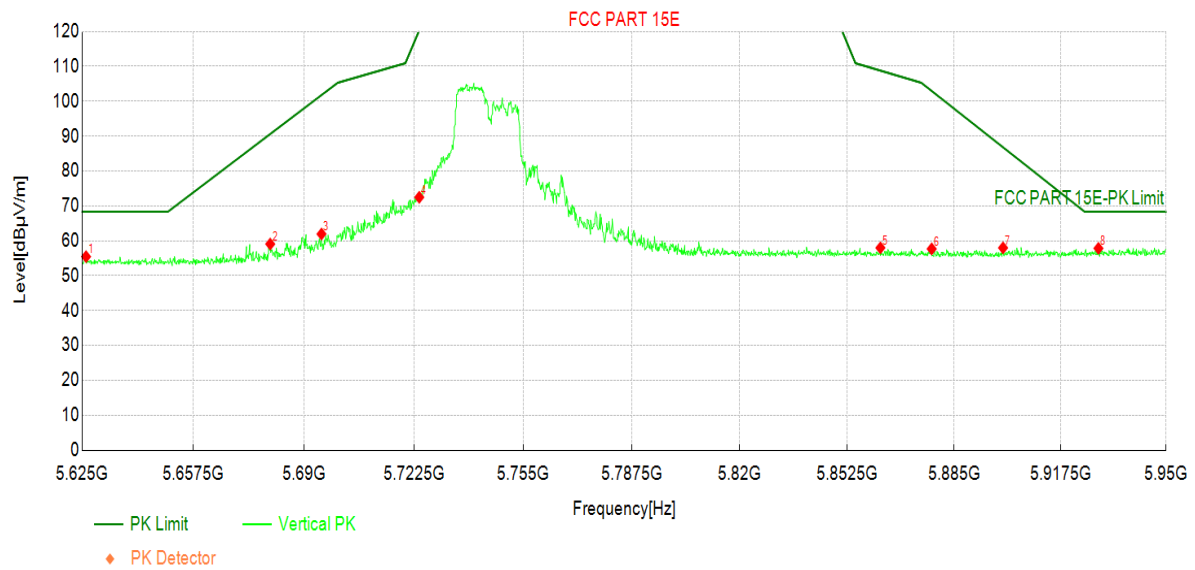


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5664.49	39.17	57.27	18.10	79.05	21.78	PK	Horizo	PASS
2	5689.84	46.64	64.81	18.17	97.81	33.00	PK	Horizo	PASS
3	5710.96	52.34	70.58	18.24	108.37	37.79	PK	Horizo	PASS
4	5722.83	58.12	76.39	18.27	117.34	40.95	PK	Horizo	PASS
5	5853.96	38.61	57.44	18.83	113.26	55.82	PK	Horizo	PASS
6	5889.71	38.44	57.49	19.05	94.38	36.89	PK	Horizo	PASS
7	5906.78	38.45	57.59	19.14	81.75	24.16	PK	Horizo	PASS
8	5949.51	38.53	57.87	19.34	68.30	10.43	PK	Horizo	PASS

Transmit at 5745MHz by 802.11ax(20MHz) with RU106-53 Ant2+3

Test Graph

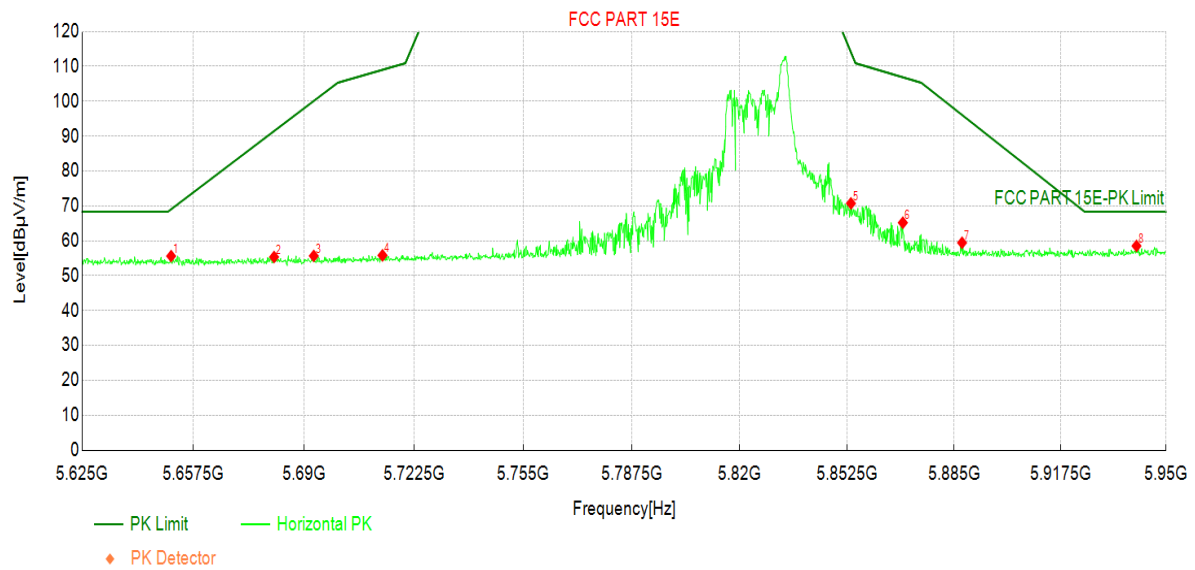


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5626.14	37.48	55.46	17.98	68.30	12.84	PK	Vertic	PASS
2	5680.09	40.94	59.08	18.14	90.60	31.52	PK	Vertic	PASS
3	5695.20	43.75	61.94	18.19	101.76	39.82	PK	Vertic	PASS
4	5724.13	54.19	72.47	18.28	120.31	47.84	PK	Vertic	PASS
5	5862.58	39.11	57.99	18.88	108.78	50.79	PK	Vertic	PASS
6	5878.18	38.70	57.68	18.98	102.94	45.26	PK	Vertic	PASS
7	5899.95	38.87	57.97	19.10	86.80	28.83	PK	Vertic	PASS
8	5929.20	38.59	57.84	19.25	68.30	10.46	PK	Vertic	PASS

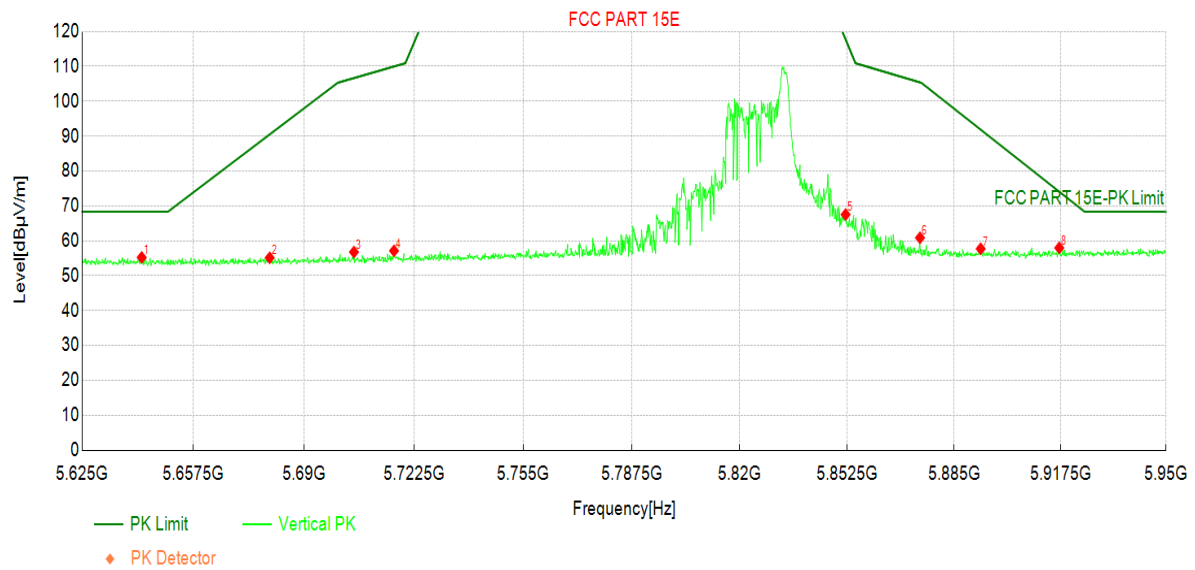
Transmit at 5825MHz by 802.11ax(20MHz) with RU26-8 Ant2+3

Test Graph



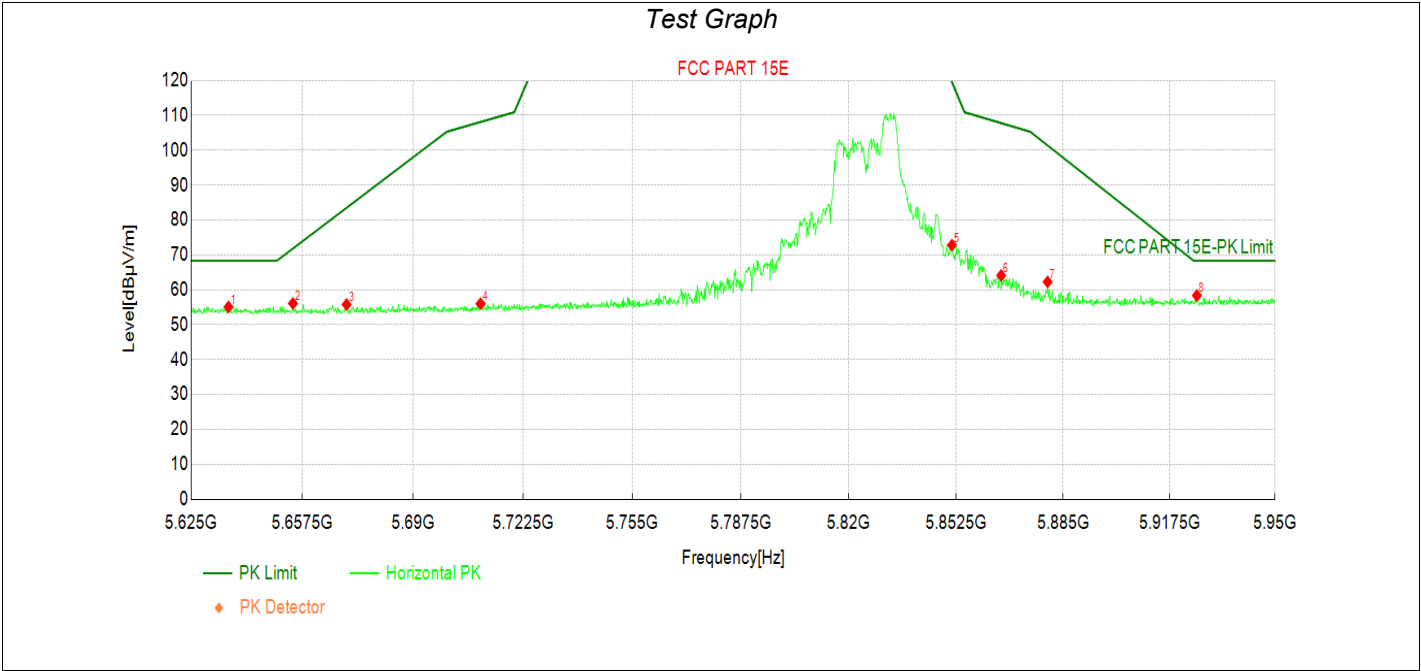
Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5651.00	37.55	55.61	18.06	69.04	13.43	PK	Horizo	PASS
2	5681.23	37.20	55.35	18.15	91.44	36.09	PK	Horizo	PASS
3	5692.93	37.48	55.66	18.18	100.08	44.42	PK	Horizo	PASS
4	5713.24	37.58	55.82	18.24	109.01	53.19	PK	Horizo	PASS
5	5853.64	51.89	70.72	18.83	114.01	43.29	PK	Horizo	PASS
6	5869.40	46.26	65.19	18.93	106.87	41.68	PK	Horizo	PASS
7	5887.44	40.40	59.43	19.03	96.07	36.64	PK	Horizo	PASS
8	5940.90	39.24	58.54	19.30	68.30	9.76	PK	Horizo	PASS

Transmit at 5825MHz by 802.11ax(20MHz) with RU26-8 Ant2+3**Test Graph****Data List**

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5642.39	37.20	55.23	18.03	68.30	13.07	PK	Vertic	PASS
2	5679.93	36.98	55.12	18.14	90.48	35.36	PK	Vertic	PASS
3	5704.79	38.56	56.77	18.21	106.64	49.87	PK	Vertic	PASS
4	5716.65	38.87	57.13	18.26	109.96	52.83	PK	Vertic	PASS
5	5852.01	48.69	67.52	18.83	117.71	50.19	PK	Vertic	PASS
6	5874.60	41.91	60.86	18.95	105.41	44.55	PK	Vertic	PASS
7	5893.13	38.64	57.70	19.06	91.85	34.15	PK	Vertic	PASS
8	5917.18	38.77	57.96	19.19	74.07	16.11	PK	Vertic	PASS

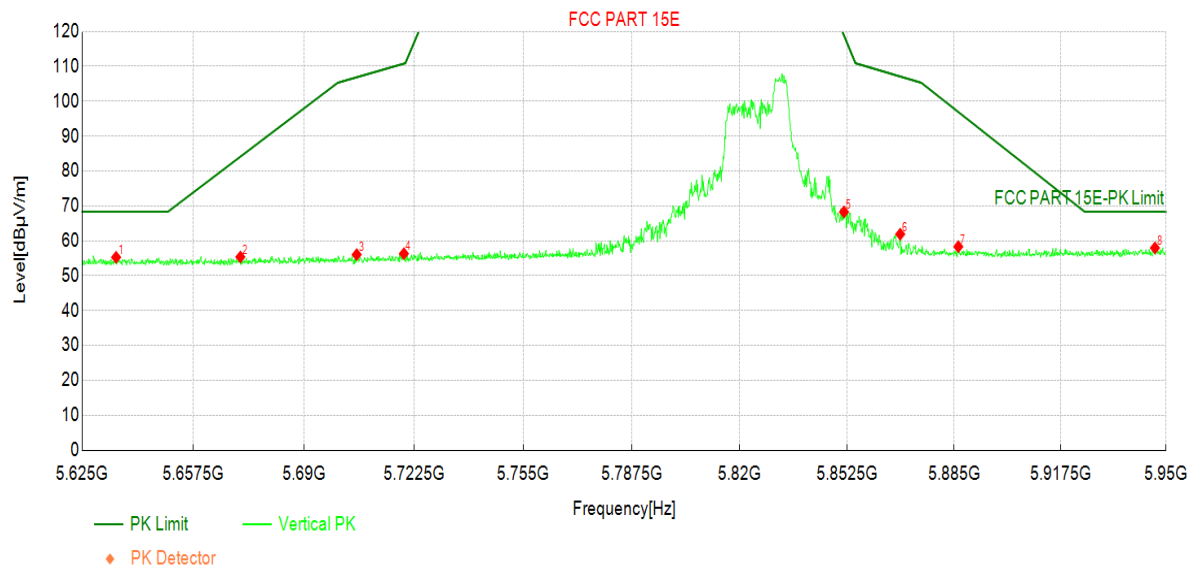
Transmit at 5825MHz by 802.11ax(20MHz) with RU52-40 Ant2+3



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5635.89	37.07	55.08	18.01	68.30	13.22	PK	Horizo	PASS
2	5654.74	38.02	56.09	18.07	71.82	15.73	PK	Horizo	PASS
3	5670.50	37.67	55.78	18.11	83.51	27.73	PK	Horizo	PASS
4	5709.99	37.79	56.02	18.23	108.10	52.08	PK	Horizo	PASS
5	5851.20	53.98	72.80	18.82	119.56	46.76	PK	Horizo	PASS
6	5866.15	45.21	64.11	18.90	107.78	43.67	PK	Horizo	PASS
7	5880.29	43.27	62.25	18.98	101.37	39.12	PK	Horizo	PASS
8	5925.95	39.14	58.37	19.23	68.30	9.93	PK	Horizo	PASS

Transmit at 5825MHz by 802.11ax(20MHz) with RU52-40 Ant2+3

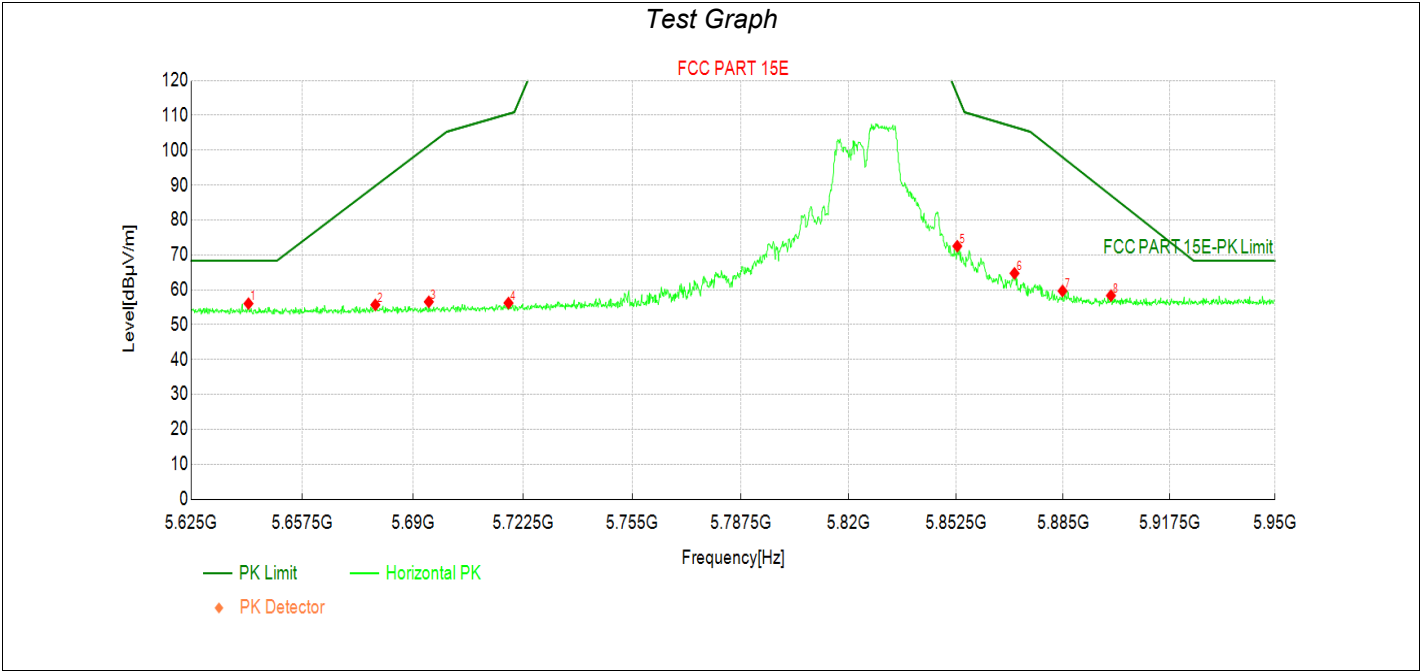
Test Graph



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5634.91	37.26	55.26	18.00	68.30	13.04	PK	Vertic	PASS
2	5671.31	37.26	55.37	18.11	84.11	28.74	PK	Vertic	PASS
3	5705.60	37.83	56.05	18.22	106.87	50.82	PK	Vertic	PASS
4	5719.58	38.04	56.31	18.27	110.78	54.47	PK	Vertic	PASS
5	5851.53	49.45	68.28	18.83	118.82	50.54	PK	Vertic	PASS
6	5868.59	42.97	61.89	18.92	107.09	45.20	PK	Vertic	PASS
7	5886.30	39.29	58.31	19.02	96.91	38.60	PK	Vertic	PASS
8	5946.59	38.62	57.96	19.34	68.30	10.34	PK	Vertic	PASS

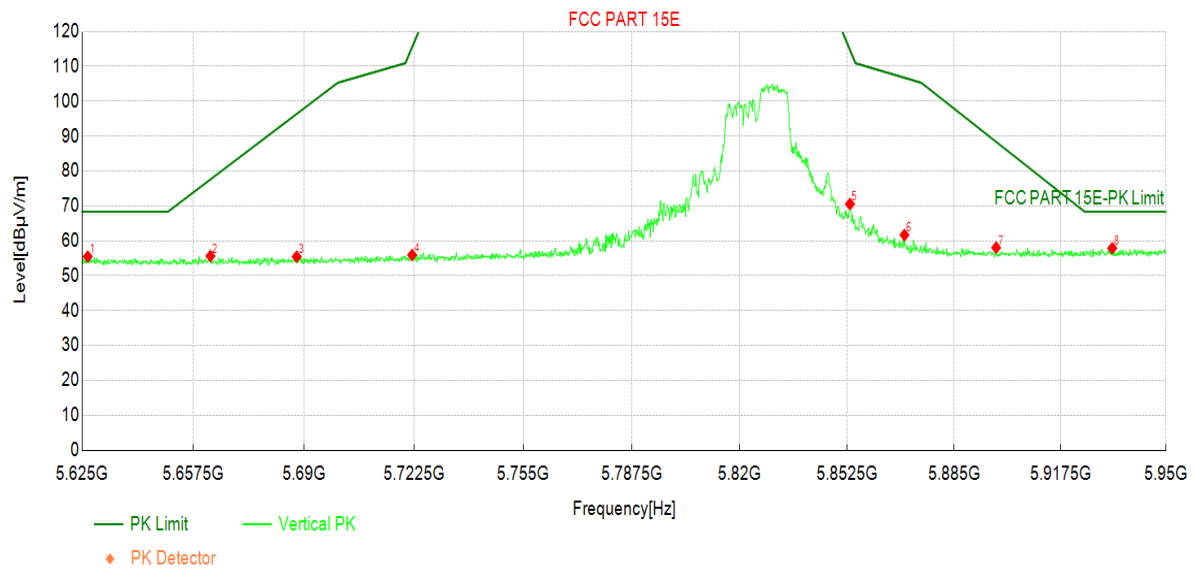
Transmit at 5825MHz by 802.11ax(20MHz) with RU106-54 Ant2+3



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5641.74	38.00	56.03	18.03	68.30	12.27	PK	Horizo	PASS
2	5678.95	37.54	55.68	18.14	89.76	34.08	PK	Horizo	PASS
3	5694.71	38.36	56.55	18.19	101.40	44.85	PK	Horizo	PASS
4	5718.28	37.96	56.22	18.26	110.42	54.20	PK	Horizo	PASS
5	5852.83	53.67	72.50	18.83	115.86	43.36	PK	Horizo	PASS
6	5870.21	45.78	64.71	18.93	106.64	41.93	PK	Horizo	PASS
7	5884.84	40.65	59.67	19.02	98.00	38.33	PK	Horizo	PASS
8	5899.63	39.23	58.33	19.10	87.04	28.71	PK	Horizo	PASS

Transmit at 5825MHz by 802.11ax(20MHz) with RU106-54 Ant2+3

Test Graph



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5626.63	37.48	55.46	17.98	68.30	12.84	PK	Vertic	PASS
2	5662.54	37.55	55.63	18.08	77.61	21.98	PK	Vertic	PASS
3	5687.89	37.29	55.45	18.16	96.37	40.92	PK	Vertic	PASS
4	5722.01	37.65	55.92	18.27	115.49	59.57	PK	Vertic	PASS
5	5853.31	51.70	70.53	18.83	114.75	44.22	PK	Vertic	PASS
6	5869.89	42.74	61.67	18.93	106.73	45.06	PK	Vertic	PASS
7	5897.84	38.94	58.03	19.09	88.36	30.33	PK	Vertic	PASS
8	5933.43	38.59	57.86	19.27	68.30	10.44	PK	Vertic	PASS

Note:

1. Level = Reading + Factor

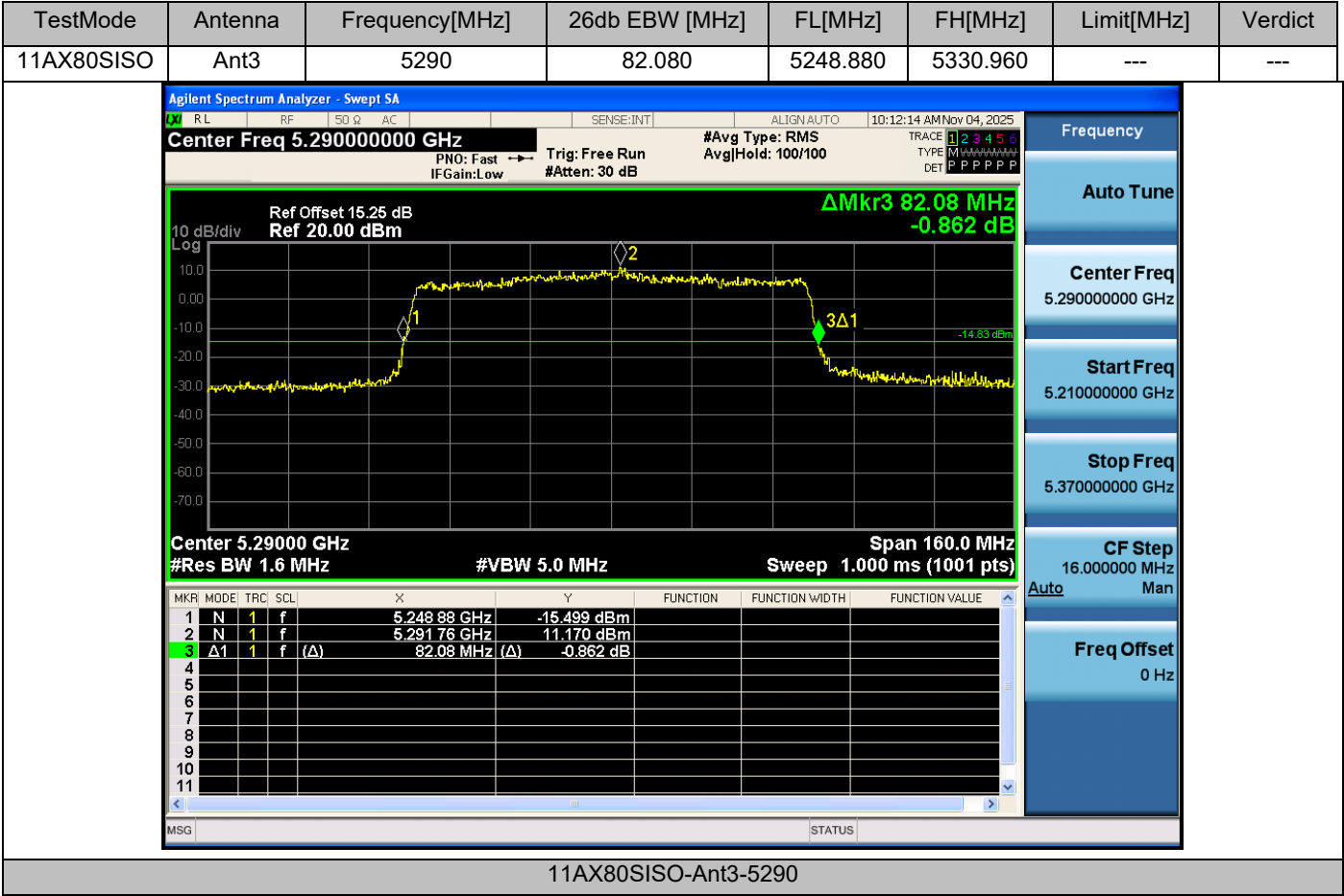
2. Margin = Limit - Level

Appendix I: Variant spot check data

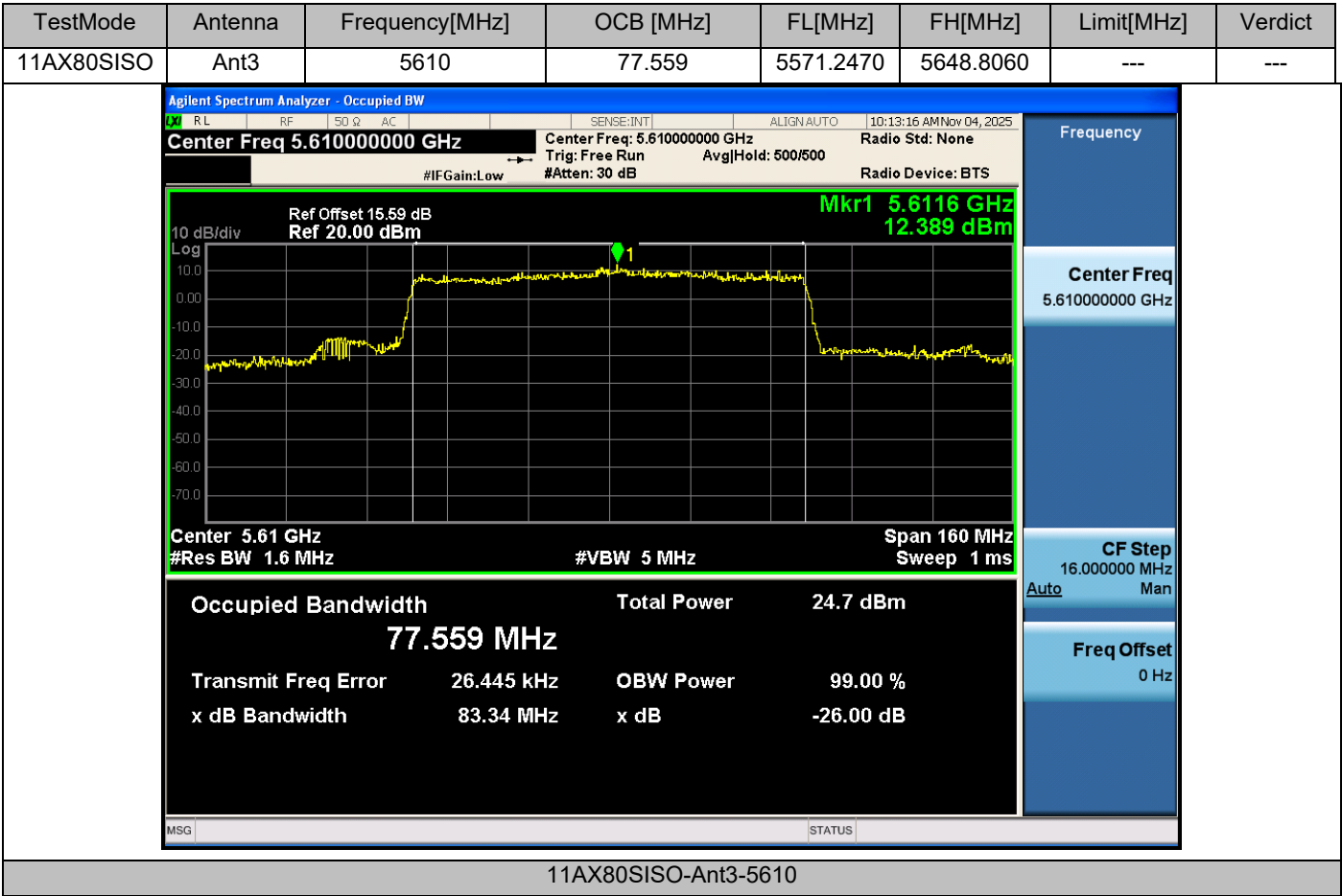
Power Output :

Mode	Channel	Test Frequency (MHz)	Conducted Power(dBm)	Conducted Power Limit (dBm)	Result
			Ant3		
802.11ac40	159	5795	16.42	30.00	Pass

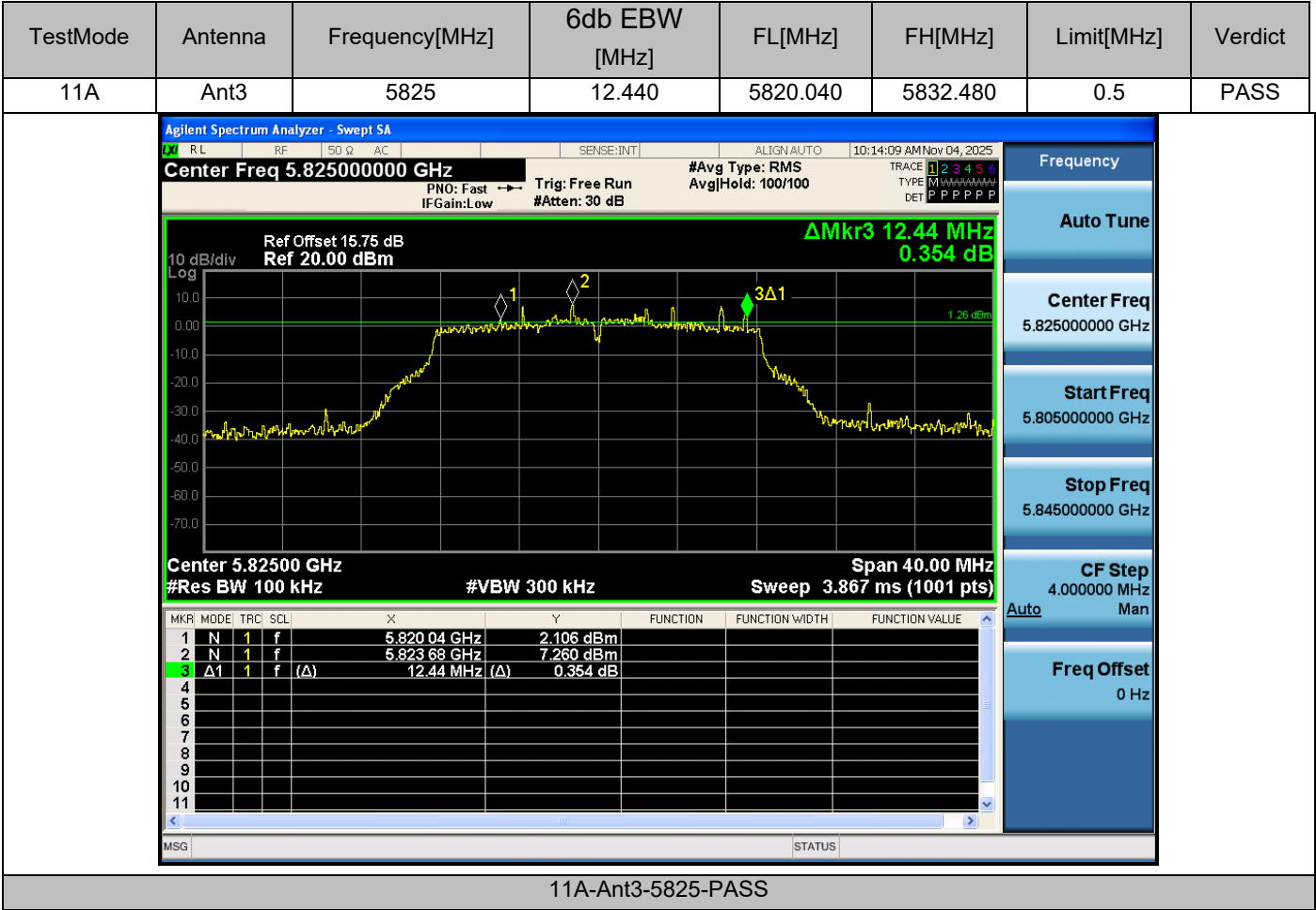
Emission Bandwidth:



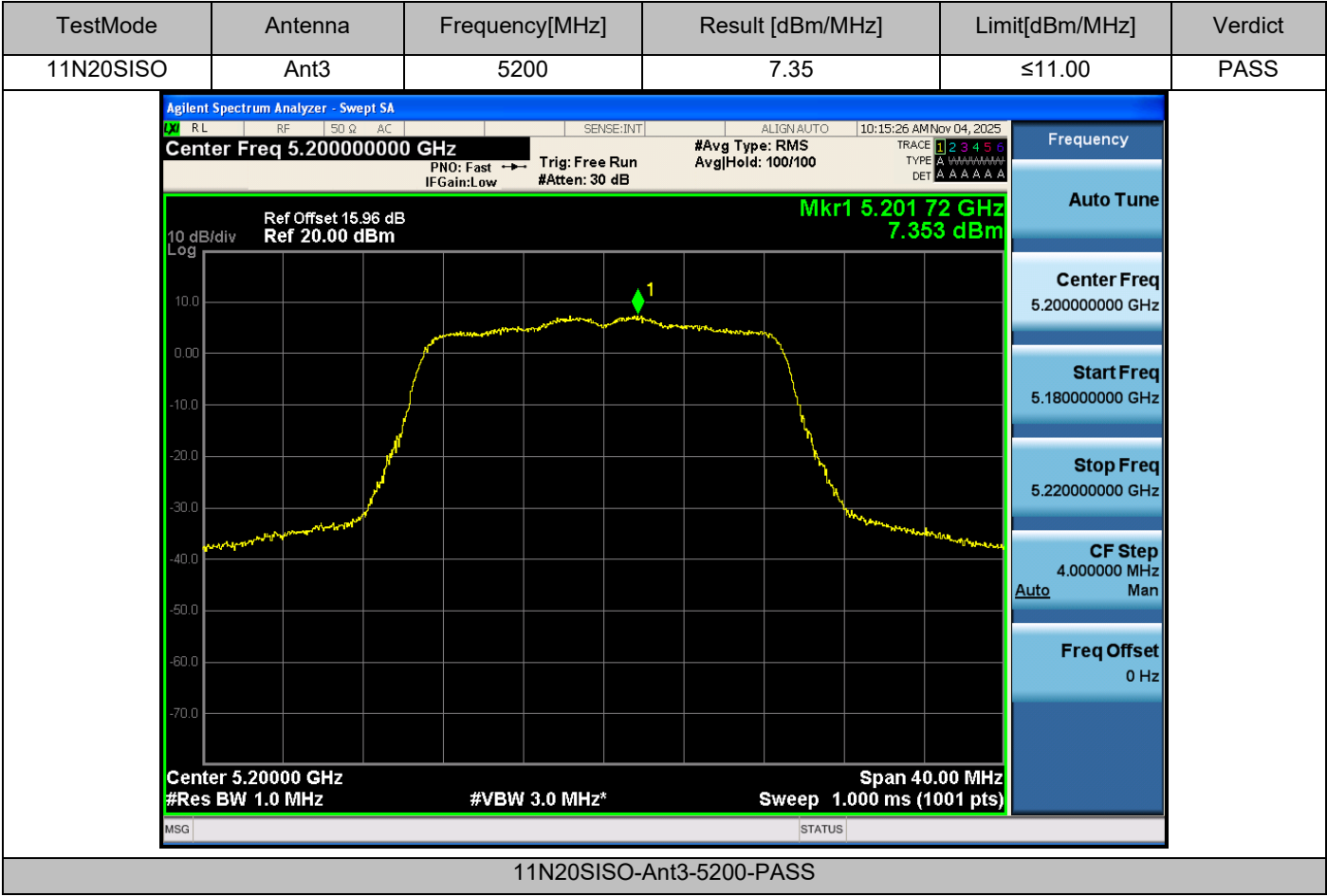
Occupied channel bandwidth:



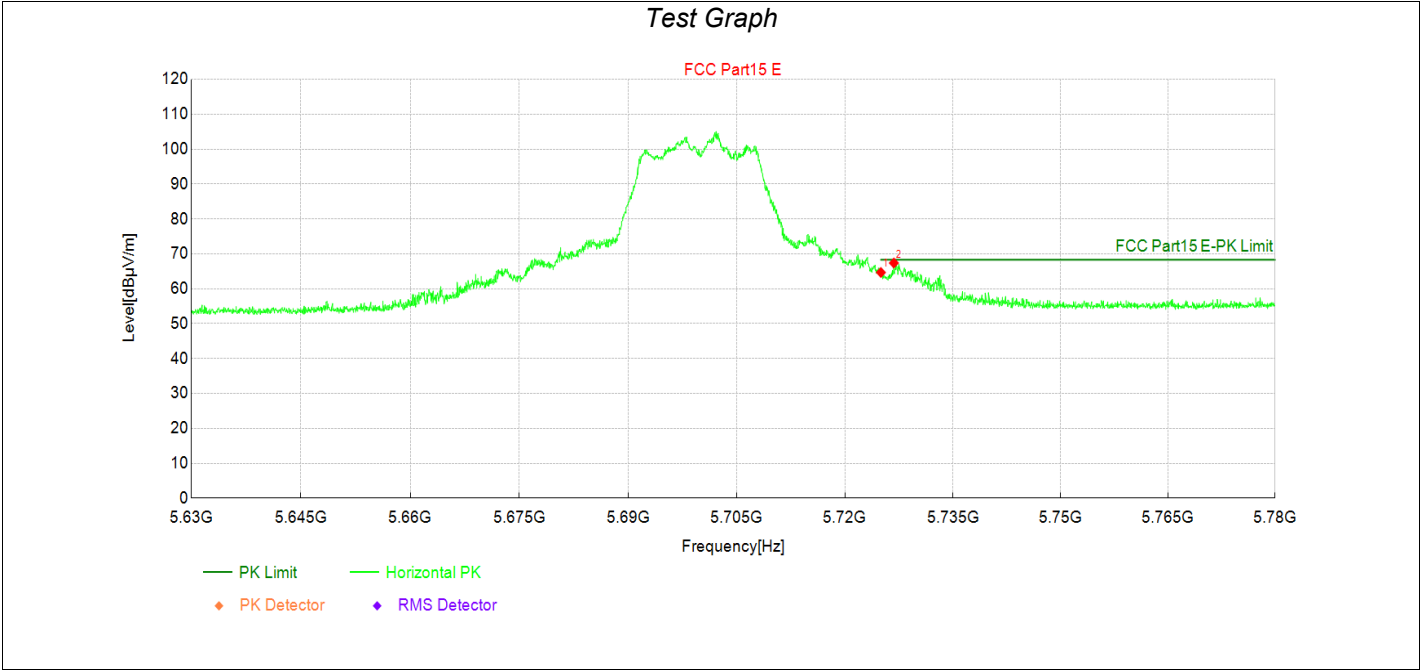
Min emission bandwidth:



Maximum power spectral density :

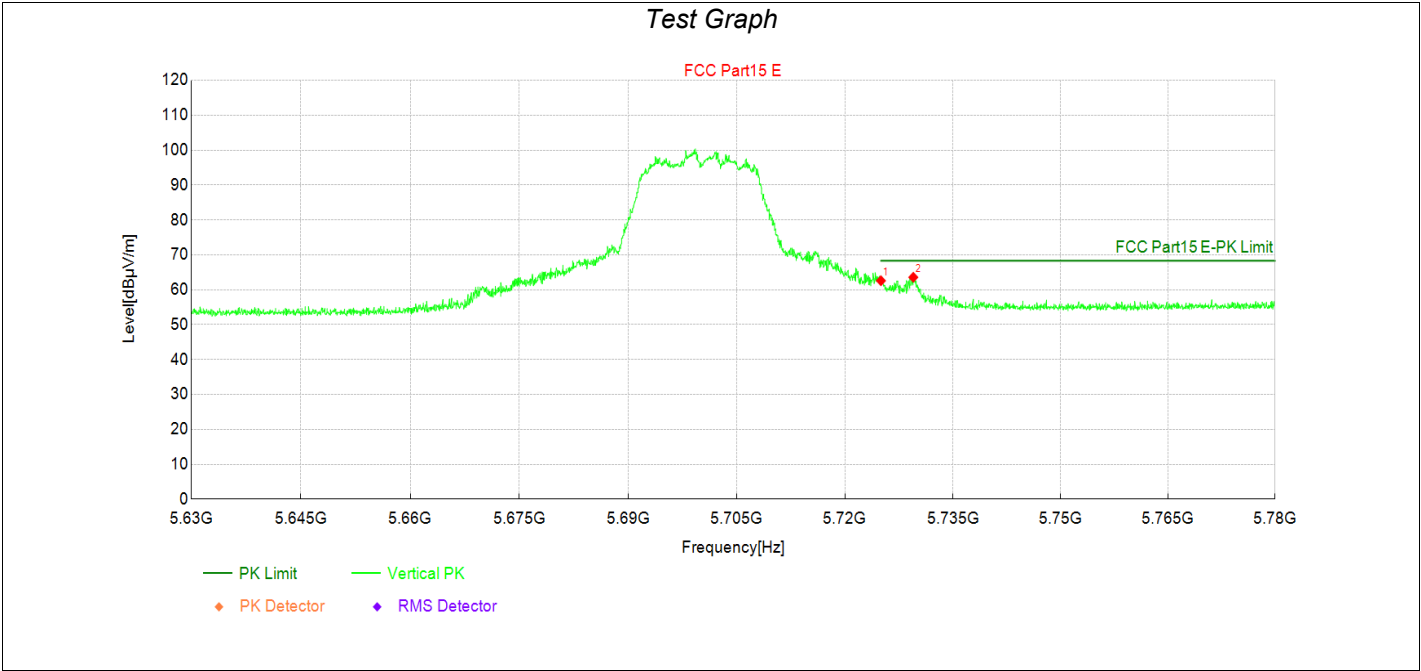


Band edge measurements:
Transmit at 5700MHz by 802.11a with Ant3



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5725.00	46.70	64.67	17.97	68.30	3.63	PK	Horizo	PASS
2	5726.80	49.38	67.37	17.99	68.30	0.93	PK	Horizo	PASS

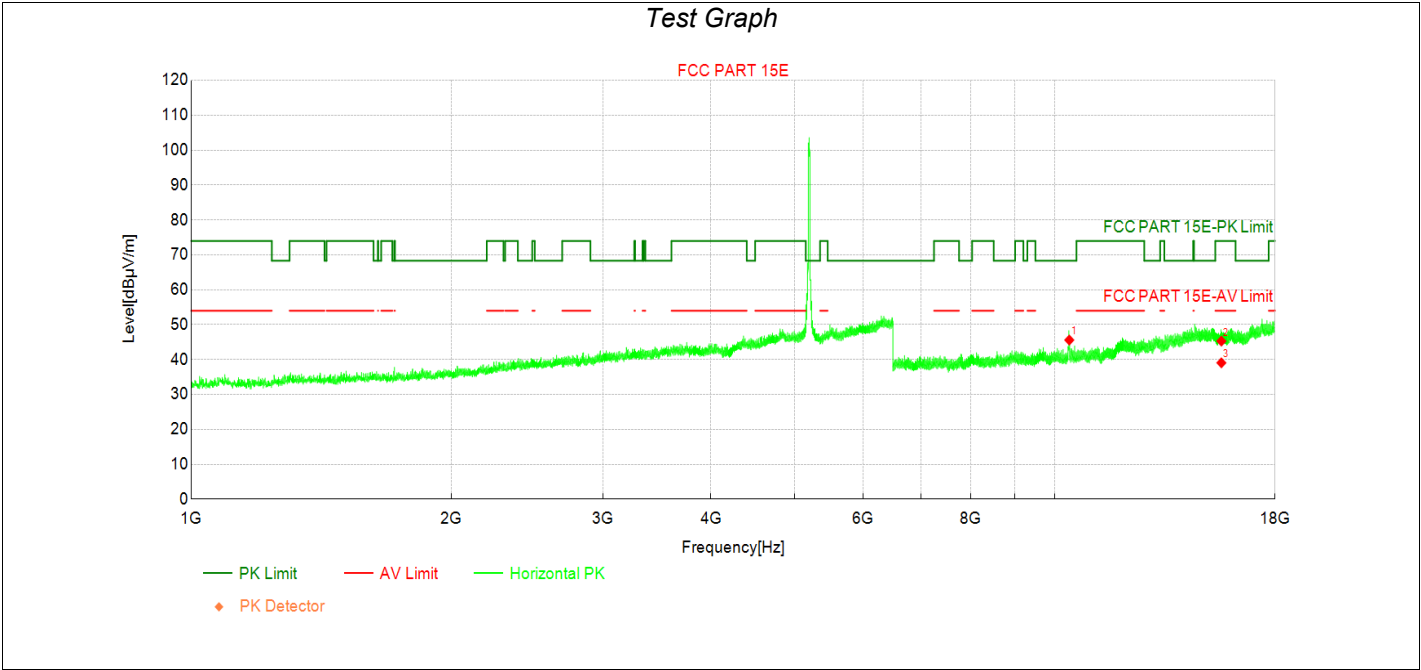
Transmit at 5700MHz by 802.11a with Ant3



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5725.00	44.62	62.59	17.97	68.30	5.71	PK	Vertic	PASS
2	5729.50	45.59	63.58	17.99	68.30	4.72	PK	Vertic	PASS

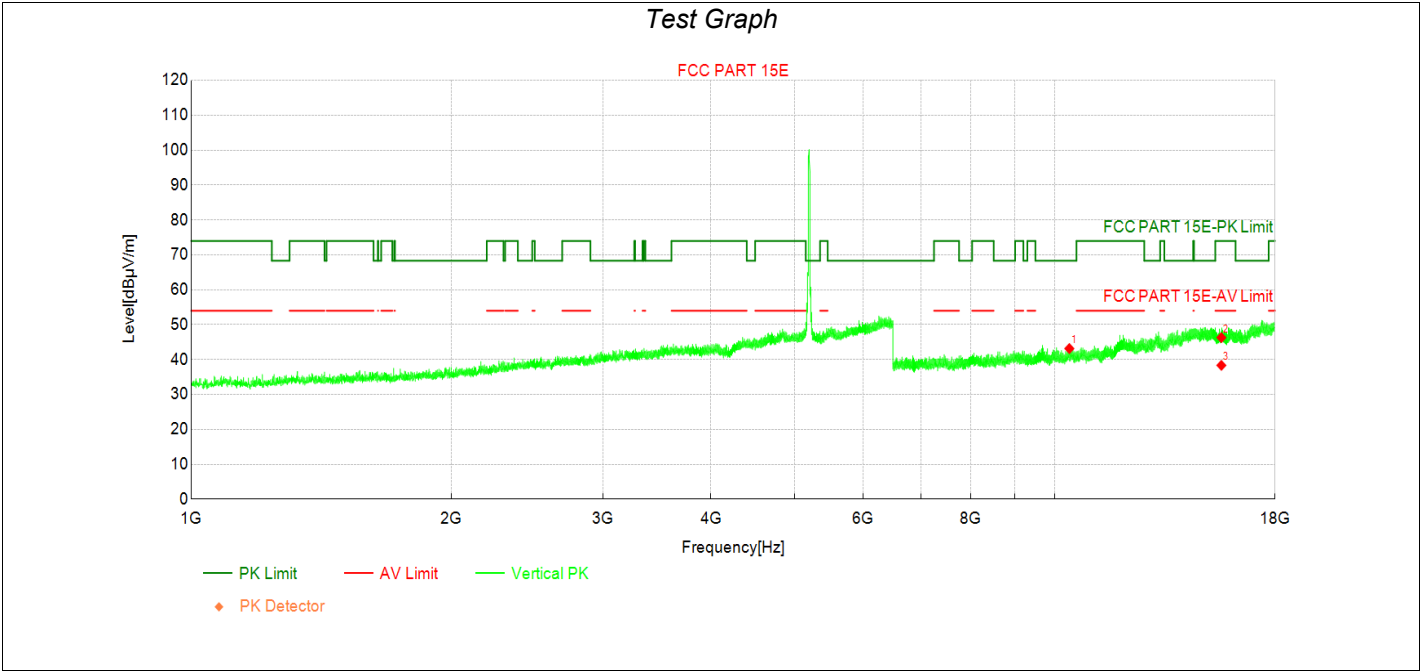
Emissions in Restricted Bands :

Transmit at 5200MHz by 802.11a with Ant3



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10400.00	38.28	45.59	7.31	68.30	22.71	PK	Horizo	PASS
2	15600.00	29.55	45.29	15.74	74.00	28.71	PK	Horizo	PASS
3	15600.00	23.32	39.06	15.74	54.00	14.94	AV	Horizo	PASS

Transmit at 5200MHz by 802.11a with Ant3



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10400.00	35.84	43.15	7.31	68.30	25.15	PK	Vertic	PASS
2	15600.00	30.55	46.29	15.74	74.00	27.71	PK	Vertic	PASS
3	15600.00	22.60	38.34	15.74	54.00	15.66	AV	Vertic	PASS

Cross Reference Table:

Reference Device		Variant Device			Key differences			
FCC ID: V2X-PM84P		FCC ID: V2X-PM84PW			Removed 2/3/4&GNSS components			
Rule Part	Test item	Data Referencing	Comments	VdB	RdB	Limit	ddB	ddB Limit
FCC 15.407(a)	Power Output	Y	Pointer to full test exhibit	16.60 dBm	16.42 dBm	30dBm	-0.18	≤3dB
FCC 15.407(a)	Peak Power Spectral Density	Y	Pointer to full test exhibit	7.87 dBm	7.35 dBm	11dBm	-0.52	≤3dB
FCC 15.407(a)	Emission bandwidth and occupied bandwidth	Y	Pointer to full test exhibit	82.720 MHz	82.080 MHz	within frequency range	-0.64	≤3dB
FCC 15.407(e)	6dB Emission Bandwidth	Y	Pointer to full test exhibit	10.160 MHz	12.440 MHz	> 500kHz	2.28	≤3dB
FCC 15.209 15.407(b)	Radiated Emission Band Edge	Y	Pointer to full test exhibit	67.47 (dB μ V/m)	67.37 (dB μ V/m)	68.3(dB μ V/m)	-0.10	≤3dB
FCC 15.205, 15.407(b)	Radiated Emission	Y	Pointer to full test exhibit	40.09 (dB μ V/m)	39.06 (dB μ V/m)	54(dB μ V/m)	-1.03	≤3dB
FCC 15.407(h)	DFS	N	Refresh test	N/A	N/A	N/A	N/A	N/A
FCC 15.207	AC Power Line Conducted Emission	N	Refresh test	N/A	N/A	N/A	N/A	N/A

The End
