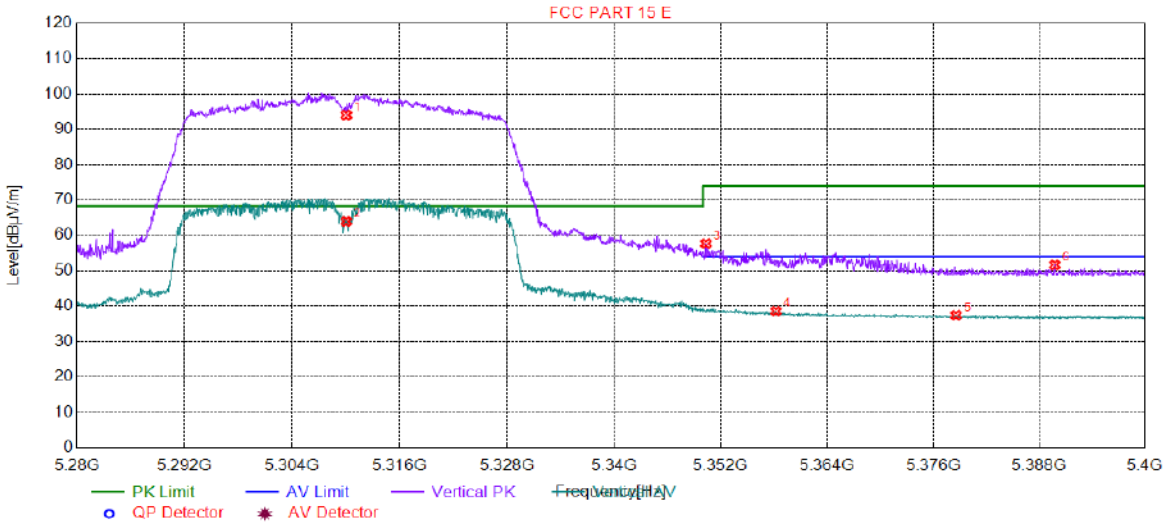
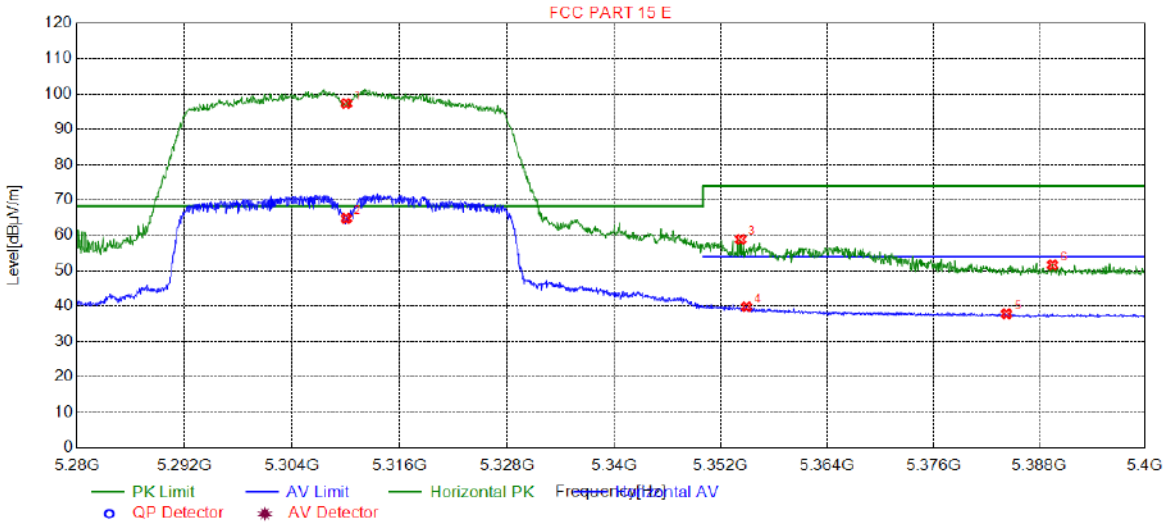
4.10.1.39 11N40_62 ANT 1_Vertical



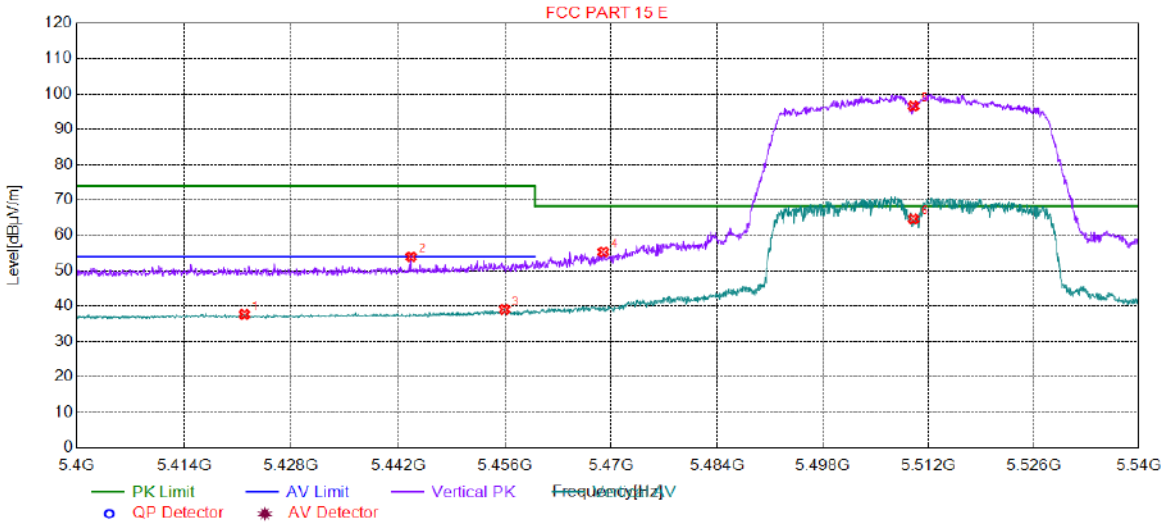
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5310.0000	94.01	19.94	68.30	-25.71	216	28	Vertical
2	5310.0000	63.96	19.94	0.00	-63.96	222	35	Vertical
3	5350.3552	57.71	19.77	74.00	16.29	200	35	Vertical
4	5358.2191	38.59	19.70	54.00	15.41	188	28	Vertical
5	5378.5693	37.42	19.54	54.00	16.58	174	28	Vertical
6	5389.7349	51.68	19.44	74.00	22.32	294	28	Vertical

4.10.1.40 11N40_62 ANT 1_ Horizontal



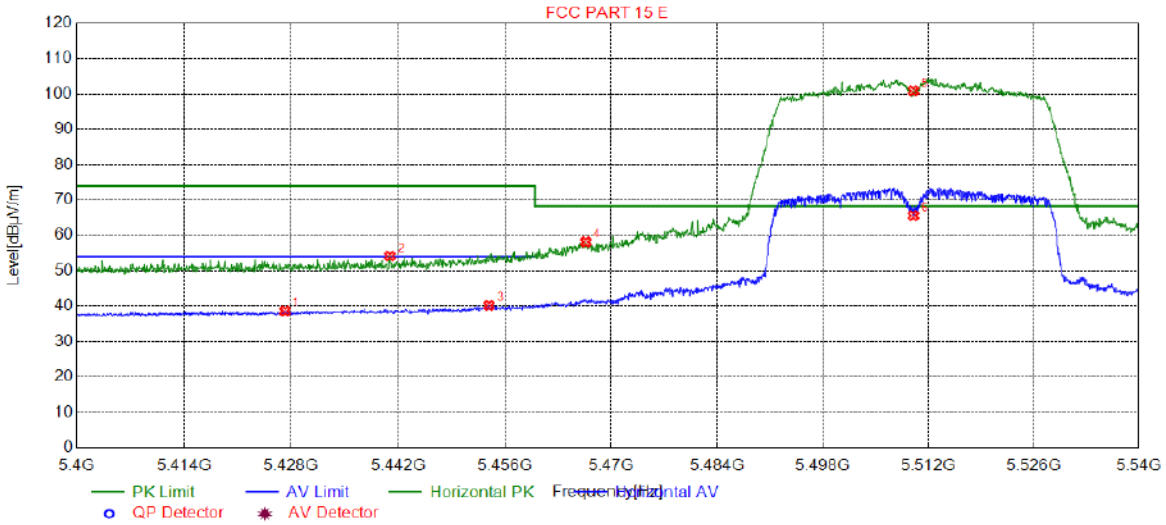
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5310.0000	97.30	19.94	68.30	-29.00	144	69	Horizontal
2	5310.0000	64.84	19.94	0.00	-64.84	104	62	Horizontal
3	5354.2571	58.90	19.74	74.00	15.10	225	62	Horizontal
4	5354.9175	39.86	19.73	54.00	14.14	209	76	Horizontal
5	5384.2721	37.84	19.49	54.00	16.16	220	69	Horizontal
6	5389.4947	51.66	19.45	74.00	22.34	112	83	Horizontal

4.10.1.41 11N40_102 ANT 1_Vertical



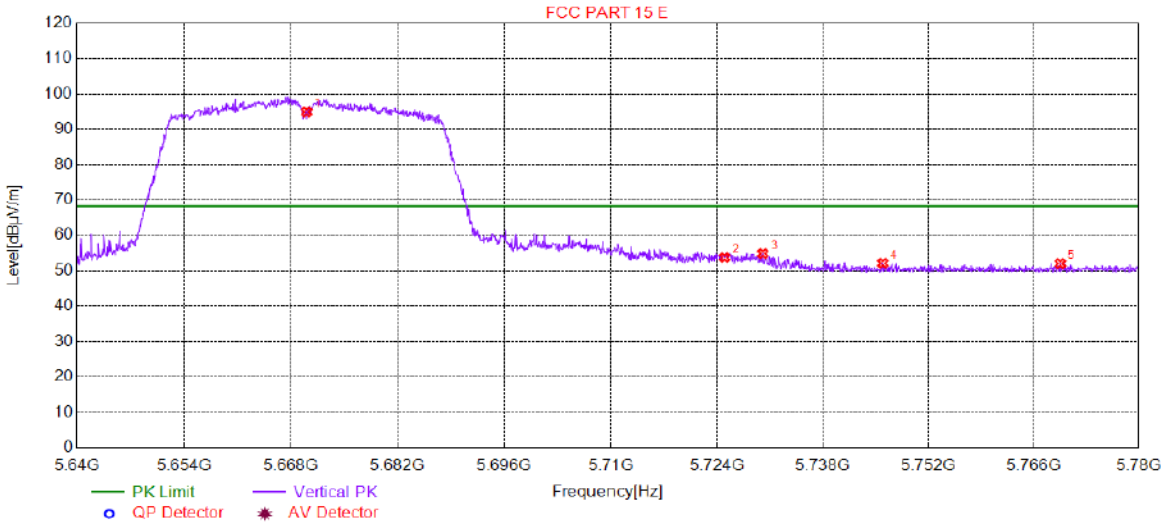
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5421.8509	37.67	19.45	54.00	16.33	256	35	Vertical
2	5443.7019	53.95	19.53	74.00	20.05	175	35	Vertical
3	5455.9580	39.10	19.58	54.00	14.90	256	28	Vertical
4	5468.9845	55.33	19.61	68.30	12.97	183	42	Vertical
5	5510.0000	96.57	19.66	68.30	-28.27	247	35	Vertical
6	5510.0000	64.66	19.66	0.00	-64.66	192	42	Vertical

4.10.1.42 11N40_102 ANT 1_ Horizontal



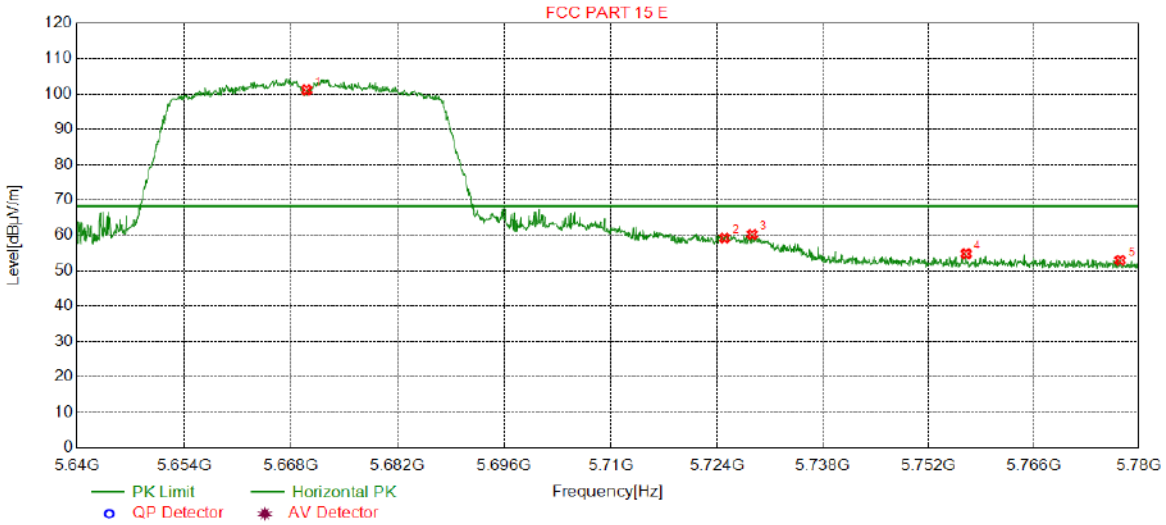
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5427.1736	38.61	19.47	54.00	15.39	181	76	Horizontal
2	5440.9005	54.18	19.52	74.00	19.82	162	69	Horizontal
3	5453.9270	40.24	19.57	54.00	13.76	167	62	Horizontal
4	5466.6733	58.16	19.61	68.30	10.14	166	83	Horizontal
5	5510.0000	100.89	19.66	68.30	-32.59	146	55	Horizontal
6	5510.0000	65.62	19.66	0.00	-65.62	129	90	Horizontal

4.10.1.43 11N40_134 ANT 1_Vertical



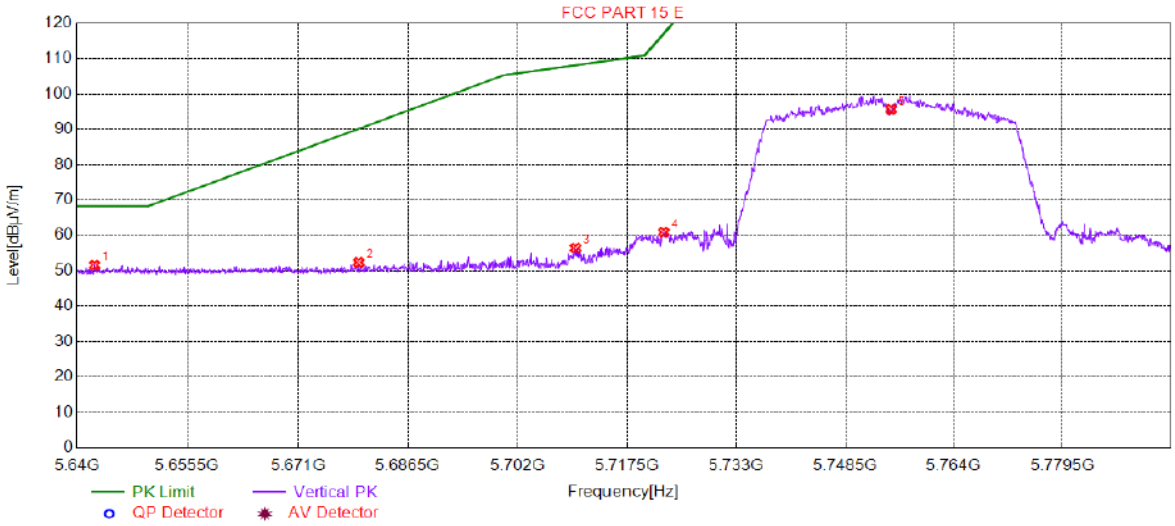
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5670.0000	94.90	19.53	68.30	-26.60	173	44	Vertical
2	5725.0000	53.75	19.82	68.30	14.55	277	63	Vertical
3	5730.0650	54.87	19.84	68.30	13.43	238	63	Vertical
4	5745.9630	52.14	19.90	68.30	16.16	201	40	Vertical
5	5769.5648	52.03	20.00	68.30	16.27	228	213	Vertical

4.10.1.44 11N40_134 ANT 1_ Horizontal



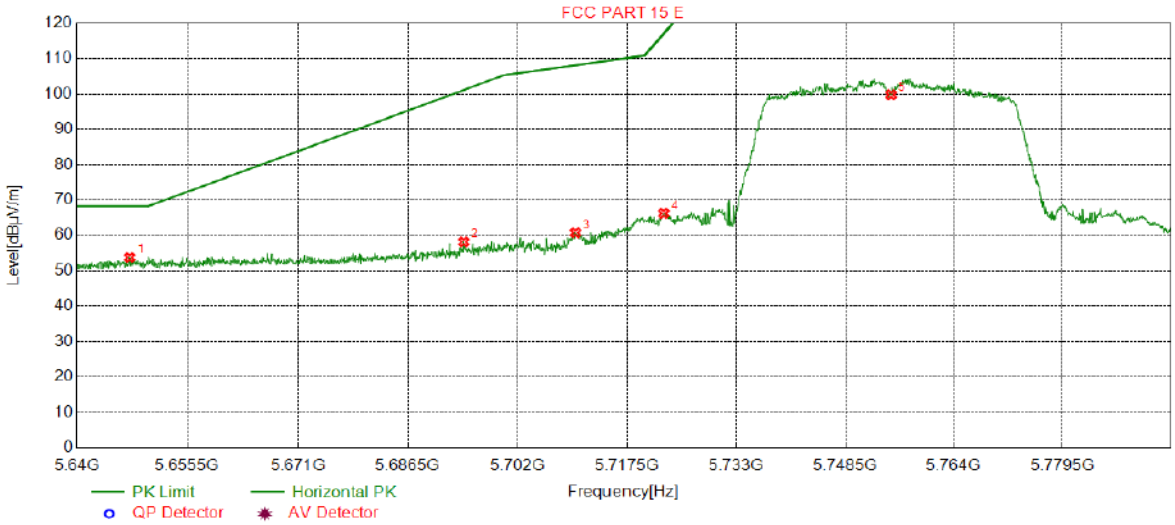
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5670.0000	101.15	19.53	68.30	-32.85	165	54	Horizontal
2	5725.0000	59.25	19.82	68.30	9.05	138	54	Horizontal
3	5728.6643	60.29	19.83	68.30	8.01	133	63	Horizontal
4	5757.0285	54.82	19.95	68.30	13.48	167	63	Horizontal
5	5777.5488	52.98	20.03	68.30	15.32	225	68	Horizontal

4.10.1.45 11N40_151 ANT 1_Vertical



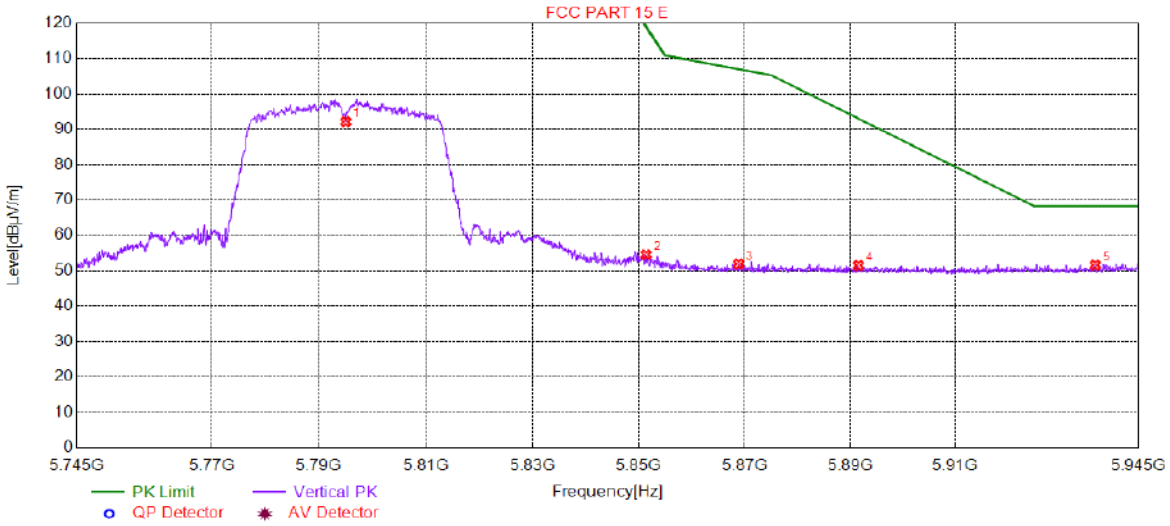
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5642.4812	51.59	19.43	68.30	16.71	186	89	Vertical
2	5679.5448	52.35	19.59	90.16	37.81	202	202	Vertical
3	5710.1726	56.45	19.76	108.15	51.70	248	48	Vertical
4	5722.6563	60.89	19.81	116.96	56.07	268	52	Vertical
5	5755.0000	95.63	19.94	0.00	-95.63	171	56	Vertical

4.10.1.46 11N40_151 ANT 1_ Horizontal



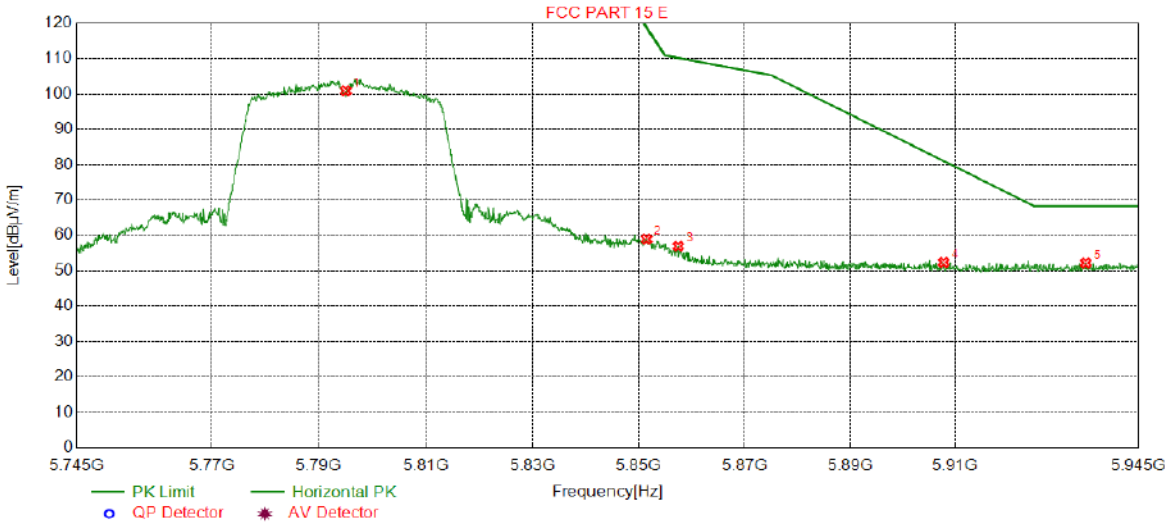
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5647.3662	53.75	19.42	68.30	14.55	204	73	Horizontal
2	5694.3547	58.20	19.68	101.12	42.92	100	73	Horizontal
3	5710.1726	60.75	19.76	108.15	47.40	216	73	Horizontal
4	5722.6563	66.28	19.81	116.96	50.68	230	68	Horizontal
5	5755.0000	99.79	19.94	0.00	-99.79	198	100	Horizontal

4.10.1.47 11N40_159 ANT 1_Vertical



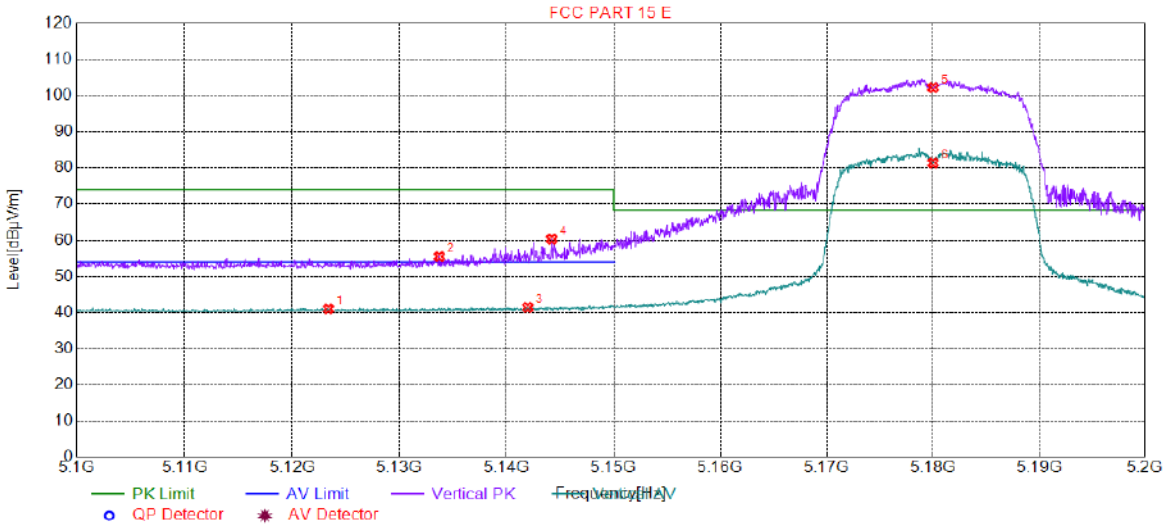
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5795.0000	92.17	20.10	0.00	-92.17	282	48	Vertical
2	5851.3532	54.57	20.37	119.21	64.64	272	57	Vertical
3	5868.8619	51.93	20.30	107.02	55.09	256	215	Vertical
4	5891.5733	51.51	20.21	93.04	41.53	216	357	Vertical
5	5936.6958	51.62	20.51	68.30	16.68	231	89	Vertical

4.10.1.48 11N40_159 ANT 1_ Horizontal



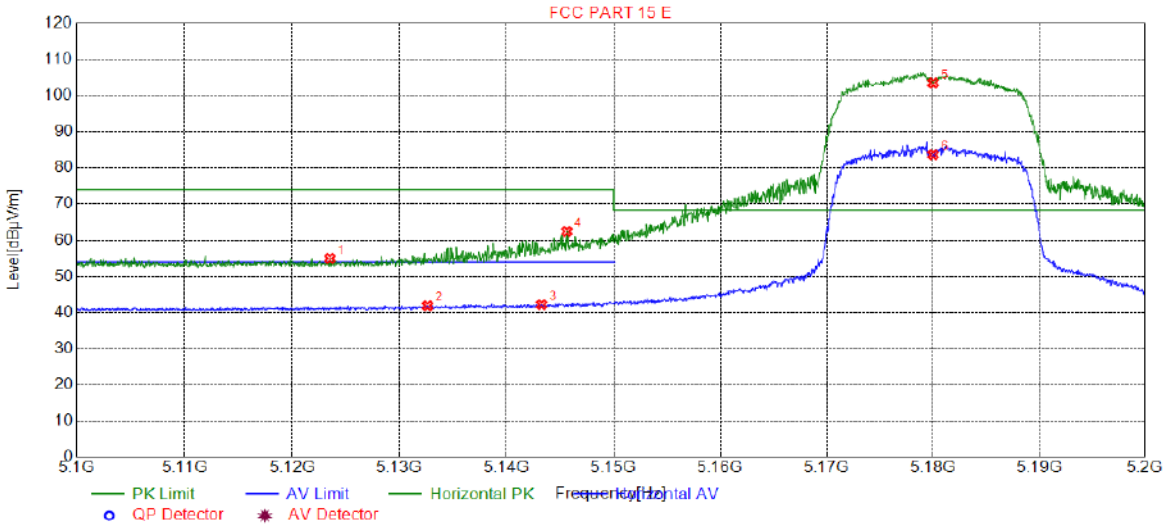
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5795.0000	100.89	20.10	0.00	-100.89	174	62	Horizontal
2	5851.4532	58.96	20.37	118.99	60.03	207	77	Horizontal
3	5857.4562	56.98	20.35	110.21	53.23	239	62	Horizontal
4	5907.7814	52.35	20.25	81.04	28.69	153	344	Horizontal
5	5934.8949	52.21	20.49	68.30	16.09	127	11	Horizontal

4.10.1.49 11AC20_36 ANT 1_Vertical



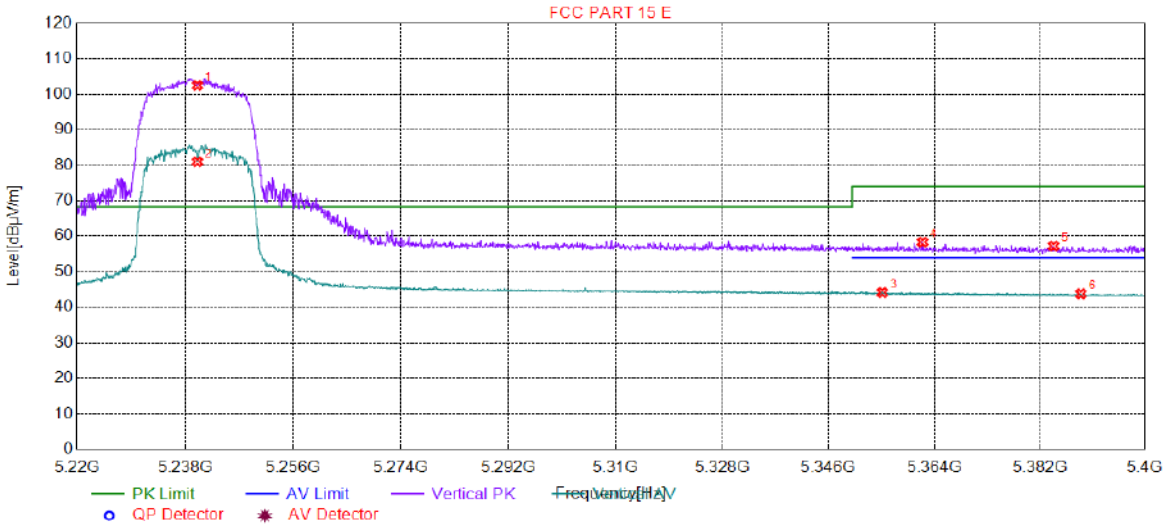
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5123.3617	41.03	21.55	54.00	12.97	263	30	Vertical
2	5133.7169	55.52	21.47	74.00	18.48	294	360	Vertical
3	5141.9710	41.43	21.40	54.00	12.57	189	30	Vertical
4	5144.2221	60.32	21.39	74.00	13.68	251	25	Vertical
5	5180.0000	102.22	21.01	68.30	-33.92	211	30	Vertical
6	5180.0000	81.38	21.01	0.00	-81.38	241	30	Vertical

4.10.1.50 11AC20_36 ANT 1_ Horizontal



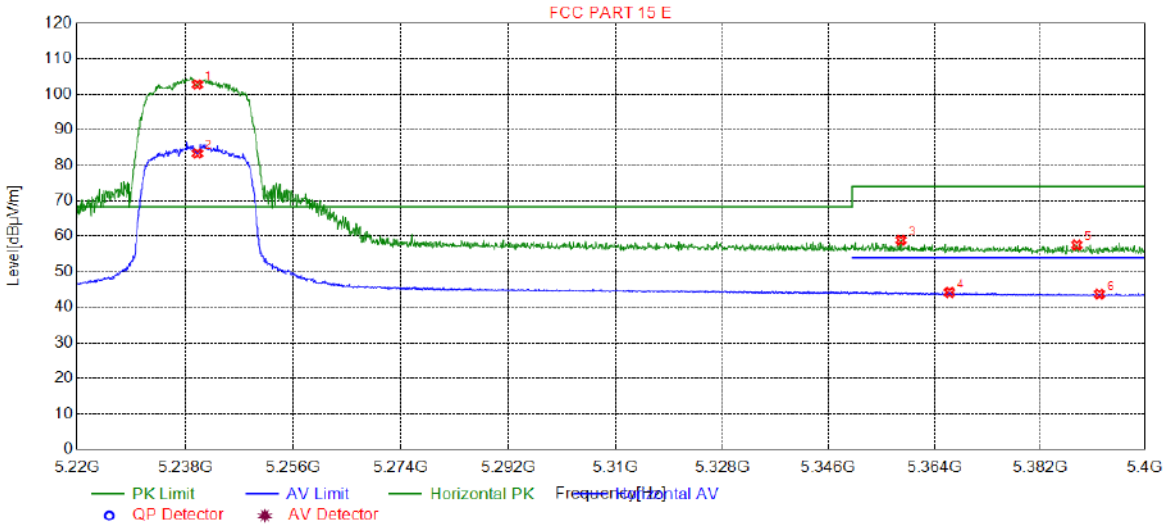
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5123.5118	54.97	21.55	74.00	19.03	182	131	Horizontal
2	5132.6163	41.89	21.48	54.00	12.11	192	220	Horizontal
3	5143.2716	42.22	21.39	54.00	11.78	187	225	Horizontal
4	5145.6228	62.46	21.37	74.00	11.54	245	220	Horizontal
5	5180.0000	103.54	21.01	68.30	-35.24	110	220	Horizontal
6	5180.0000	83.69	21.01	0.00	-83.69	214	192	Horizontal

4.10.1.51 11AC20_48 ANT 1_Vertical



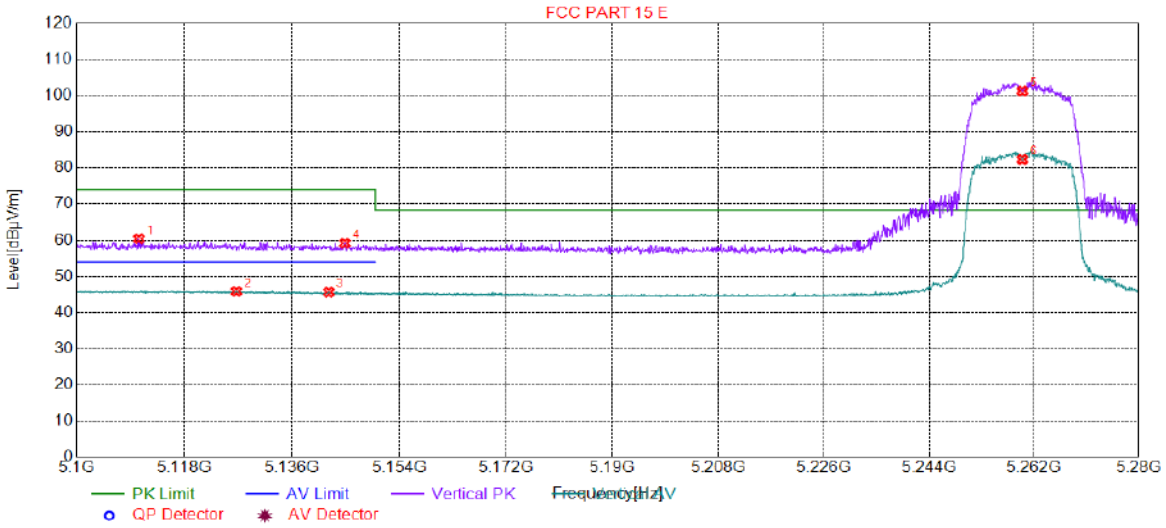
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5240.0000	102.52	20.34	68.30	-34.22	282	29	Vertical
2	5240.0000	81.00	20.34	0.00	-81.00	230	36	Vertical
3	5355.1576	44.18	19.73	54.00	9.82	253	180	Vertical
4	5362.0010	58.35	19.67	74.00	15.65	163	126	Vertical
5	5384.3322	57.26	19.49	74.00	16.74	184	194	Vertical
6	5389.0145	43.80	19.45	54.00	10.20	215	29	Vertical

4.10.1.52 11AC20_48 ANT 1_ Horizontal



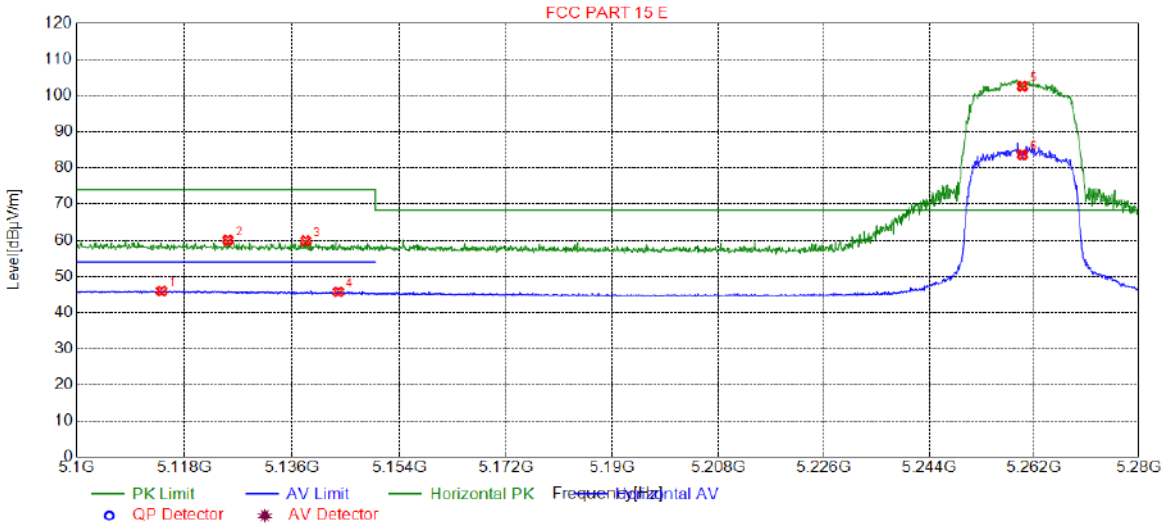
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5240.0000	102.76	20.34	68.30	-34.46	132	53	Horizontal
2	5240.0000	83.36	20.34	0.00	-83.36	236	80	Horizontal
3	5358.3092	58.90	19.70	74.00	15.10	191	344	Horizontal
4	5366.5933	44.18	19.63	54.00	9.82	199	87	Horizontal
5	5388.2941	57.56	19.46	74.00	16.44	162	66	Horizontal
6	5392.1661	43.73	19.42	54.00	10.27	171	122	Horizontal

4.10.1.53 11AC20_52 ANT 1_Vertical



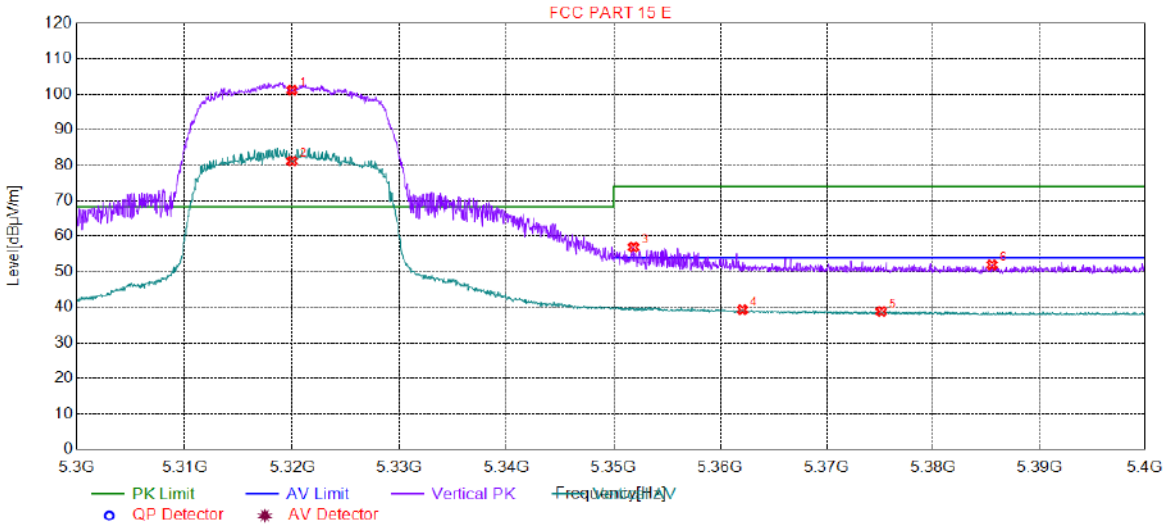
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5110.3552	60.42	21.65	74.00	13.58	189	276	Vertical
2	5126.6533	45.88	21.52	54.00	8.12	282	22	Vertical
3	5142.1411	45.66	21.40	54.00	8.34	211	317	Vertical
4	5144.8424	59.18	21.38	74.00	14.82	180	221	Vertical
5	5260.0000	101.25	20.18	68.30	-32.95	180	22	Vertical
6	5260.0000	82.35	20.18	0.00	-82.35	222	22	Vertical

4.10.1.54 11AC20_52 ANT 1_ Horizontal



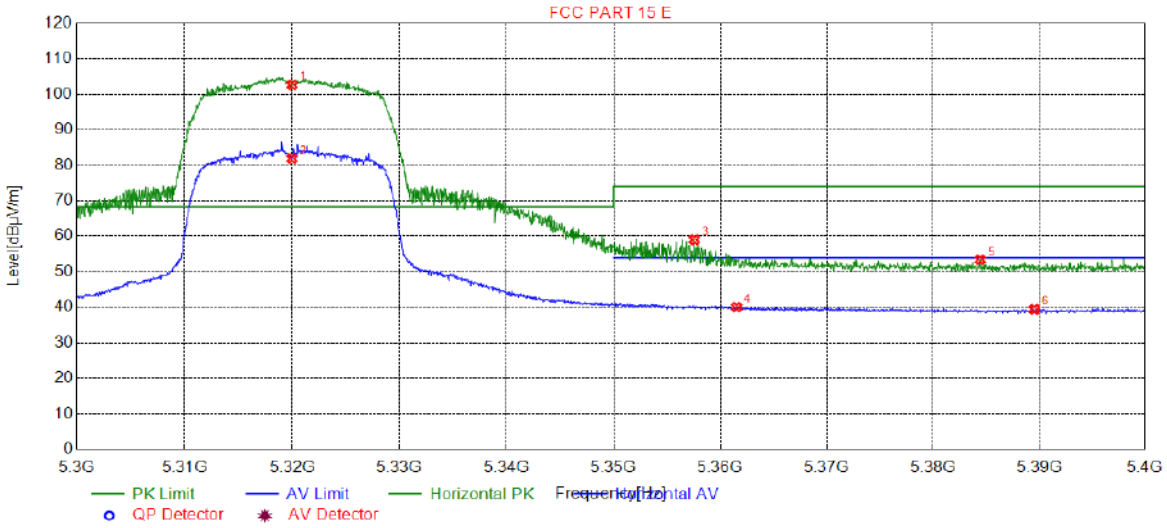
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5114.1371	45.98	21.62	54.00	8.02	217	221	Horizontal
2	5125.2126	60.03	21.53	74.00	13.97	116	338	Horizontal
3	5138.2691	59.88	21.43	74.00	14.12	101	152	Horizontal
4	5143.7619	45.74	21.39	54.00	8.26	198	98	Horizontal
5	5260.0000	102.60	20.18	68.30	-34.30	227	49	Horizontal
6	5260.0000	83.70	20.18	0.00	-83.70	243	56	Horizontal

4.10.1.55 11AC20_64 ANT 1_Vertical



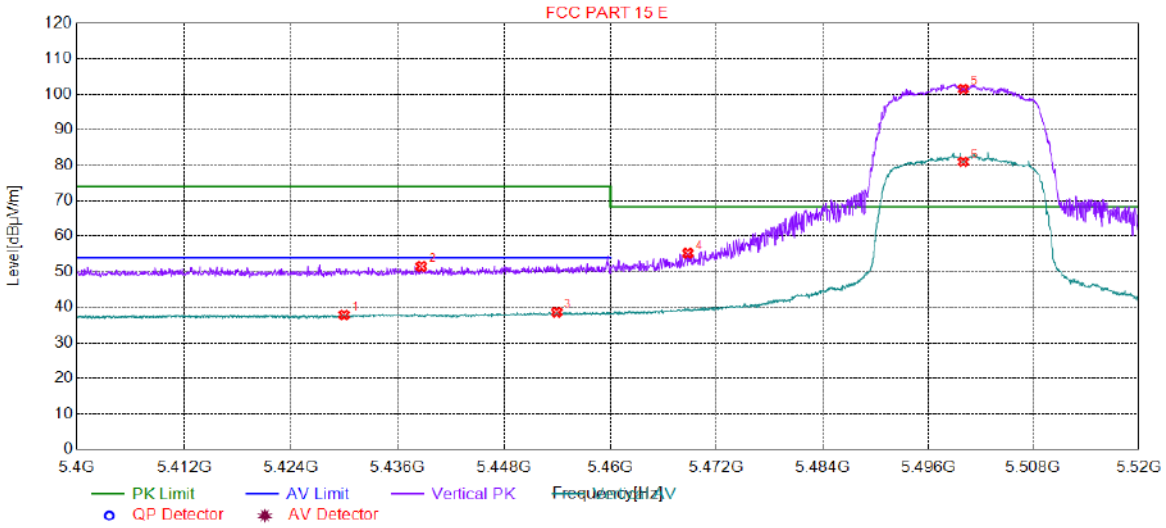
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5320.0000	101.15	19.90	68.30	-32.85	227	42	Vertical
2	5320.0000	81.16	19.90	0.00	-81.16	176	42	Vertical
3	5351.8759	56.95	19.75	74.00	17.05	239	56	Vertical
4	5362.0810	39.31	19.67	54.00	14.69	197	35	Vertical
5	5375.1376	38.82	19.56	54.00	15.18	276	29	Vertical
6	5385.5428	51.94	19.48	74.00	22.06	184	130	Vertical

4.10.1.56 11AC20_64 ANT 1_ Horizontal



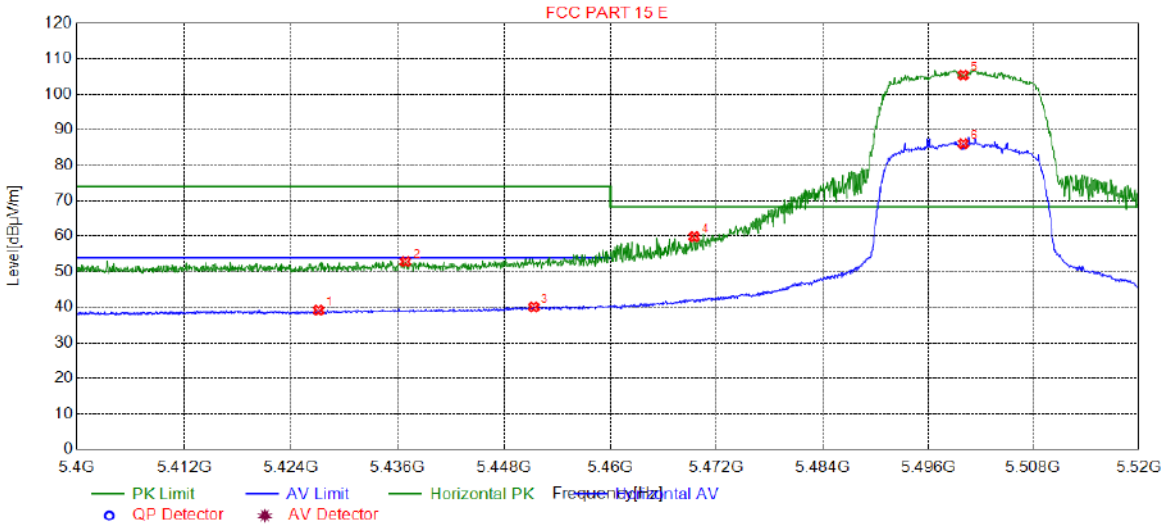
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5320.0000	102.66	19.90	68.30	-34.36	225	68	Horizontal
2	5320.0000	81.90	19.90	0.00	-81.90	178	82	Horizontal
3	5357.5788	59.02	19.71	74.00	14.98	130	68	Horizontal
4	5361.5308	40.05	19.68	54.00	13.95	245	68	Horizontal
5	5384.4422	53.39	19.49	74.00	20.61	205	96	Horizontal
6	5389.5448	39.43	19.45	54.00	14.57	135	68	Horizontal

4.10.1.57 11AC20_100 ANT 1_Vertical



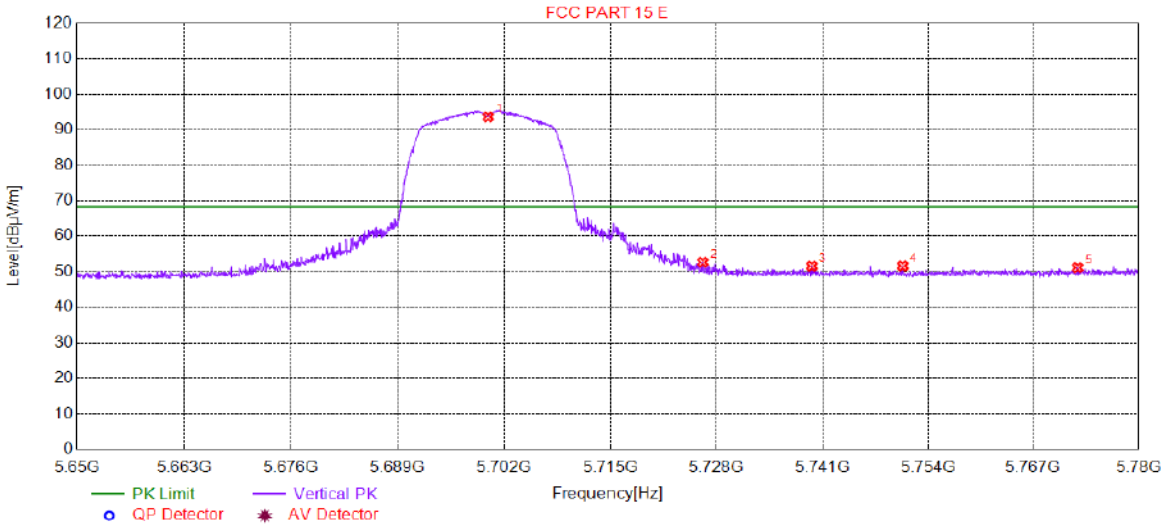
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5429.9550	37.87	19.48	54.00	16.13	247	46	Vertical
2	5438.6593	51.52	19.51	74.00	22.48	239	40	Vertical
3	5453.9070	38.60	19.57	54.00	15.40	288	35	Vertical
4	5468.7344	55.27	19.61	68.30	13.03	237	35	Vertical
5	5500.0000	101.46	19.70	68.30	-33.16	152	35	Vertical
6	5500.0000	80.98	19.70	0.00	-80.98	217	35	Vertical

4.10.1.58 11AC20_100 ANT 1_ Horizontal



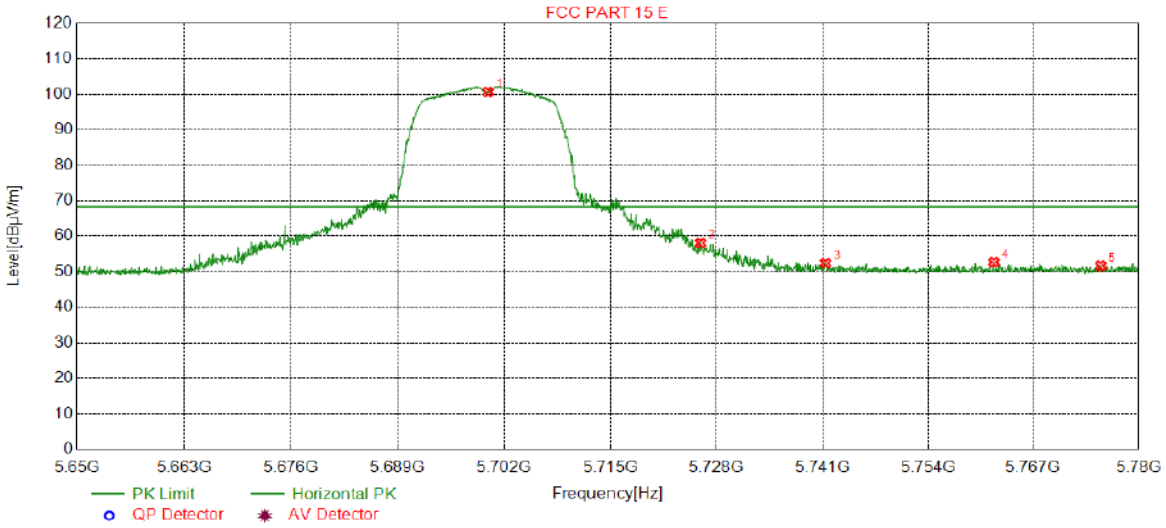
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5427.0735	39.16	19.47	54.00	14.84	190	71	Horizontal
2	5436.8584	52.85	19.51	74.00	21.15	133	93	Horizontal
3	5451.3257	40.08	19.56	54.00	13.92	189	71	Horizontal
4	5469.4547	59.88	19.61	68.30	8.42	139	71	Horizontal
5	5500.0000	105.41	19.70	68.30	-37.11	145	76	Horizontal
6	5500.0000	86.10	19.70	0.00	-86.10	186	82	Horizontal

4.10.1.59 11AC20_140 ANT 1_Vertical



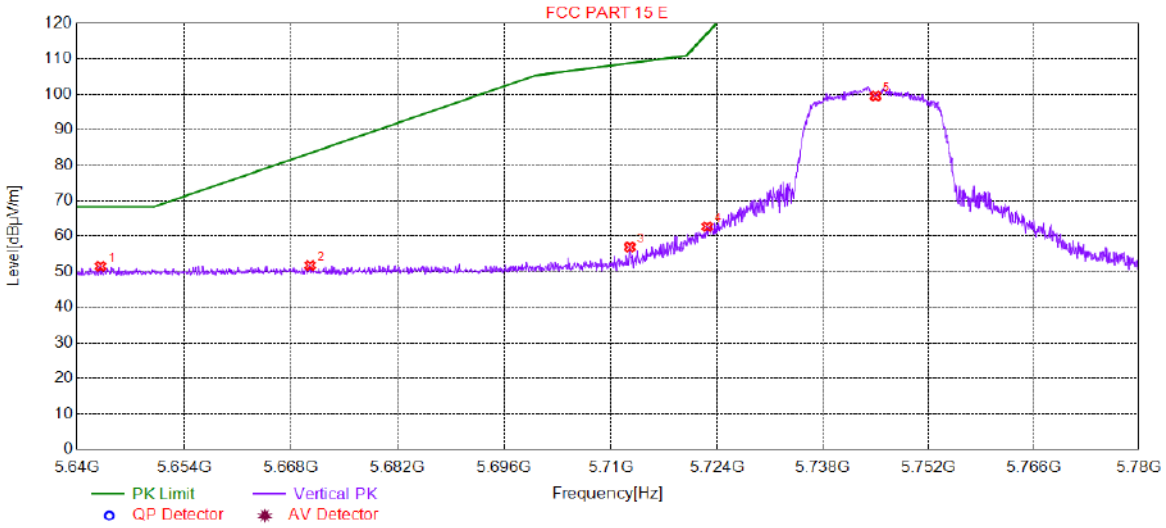
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5700.0000	93.63	19.72	68.30	-25.33	236	47	Vertical
2	5726.2831	52.68	19.83	68.30	15.62	286	47	Vertical
3	5739.6798	51.60	19.88	68.30	16.70	249	47	Vertical
4	5750.8654	51.65	19.92	68.30	16.65	205	47	Vertical
5	5772.4562	51.17	20.01	68.30	17.13	164	339	Vertical

4.10.1.60 11AC20_140 ANT 1_ Horizontal



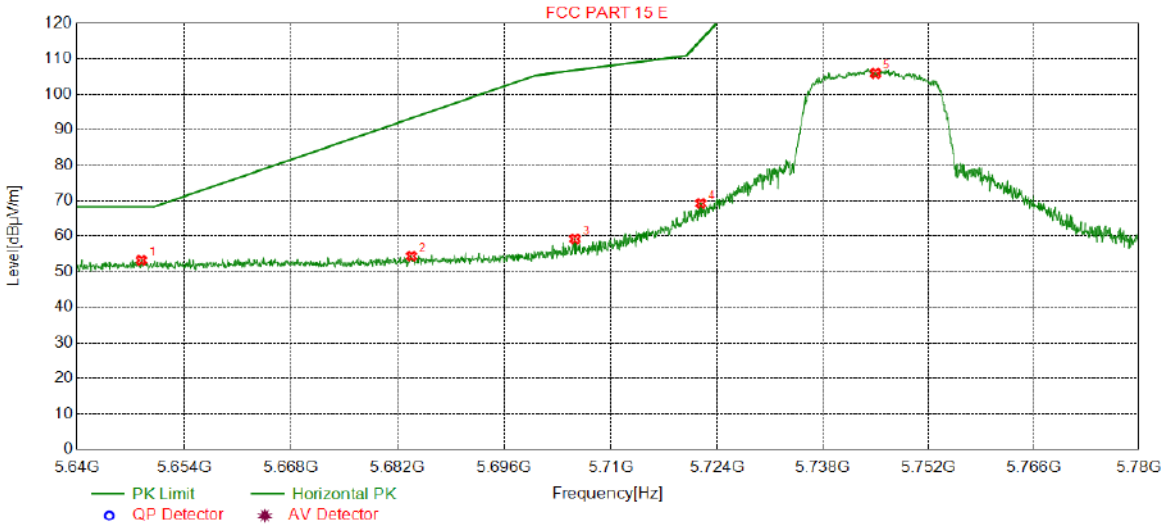
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5700.0000	100.62	19.72	68.30	-32.32	191	70	Horizontal
2	5726.0230	58.11	19.82	68.30	10.19	231	79	Horizontal
3	5741.3707	52.44	19.89	68.30	15.86	166	65	Horizontal
4	5762.1161	52.70	19.97	68.30	15.60	241	98	Horizontal
5	5775.3177	51.69	20.02	68.30	16.61	154	344	Horizontal

4.10.1.61 11AC20_149 ANT 1_Vertical



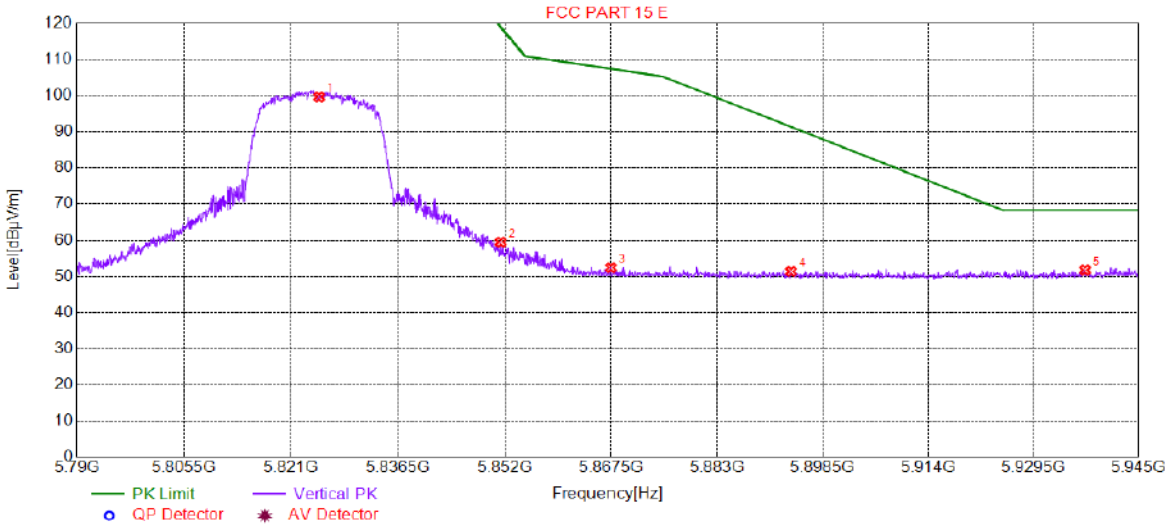
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5643.0815	51.56	19.43	68.30	16.74	216	51	Vertical
2	5670.4652	51.79	19.54	83.44	31.65	259	185	Vertical
3	5712.4862	56.98	19.77	108.80	51.82	195	42	Vertical
4	5722.7114	62.76	19.81	117.08	54.32	214	38	Vertical
5	5745.0000	99.52	19.90	0.00	-99.52	247	51	Vertical

4.10.1.62 11AC20_149 ANT 1_ Horizontal



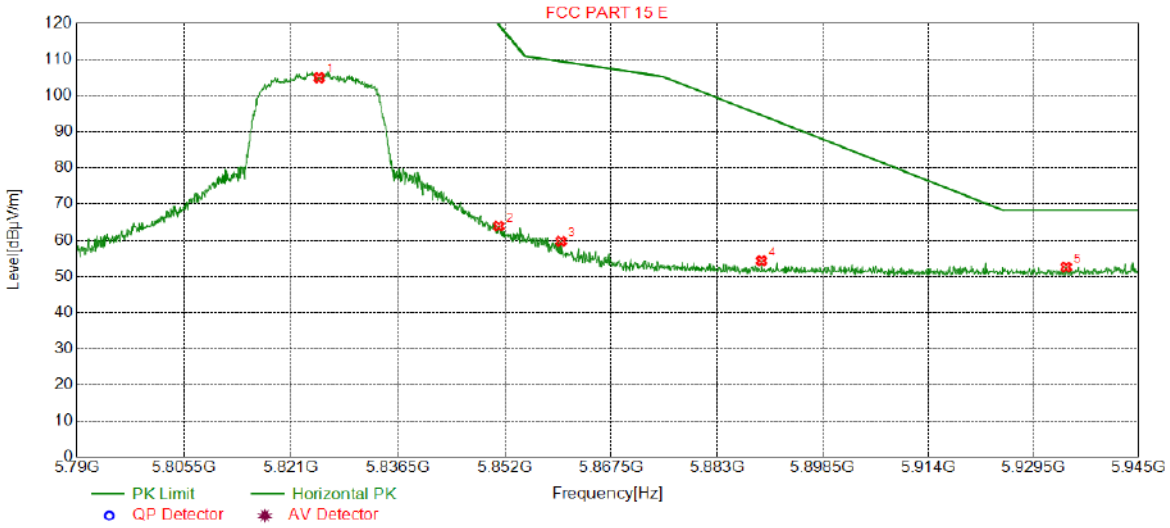
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5648.4042	53.25	19.41	68.30	15.05	232	62	Horizontal
2	5683.7719	54.41	19.62	93.29	38.88	169	77	Horizontal
3	5705.2726	59.24	19.74	106.78	47.54	107	67	Horizontal
4	5721.8709	69.29	19.81	115.17	45.88	105	77	Horizontal
5	5745.0000	105.90	19.90	0.00	-105.90	132	81	Horizontal

4.10.1.63 11AC20_165 ANT 1_Vertical



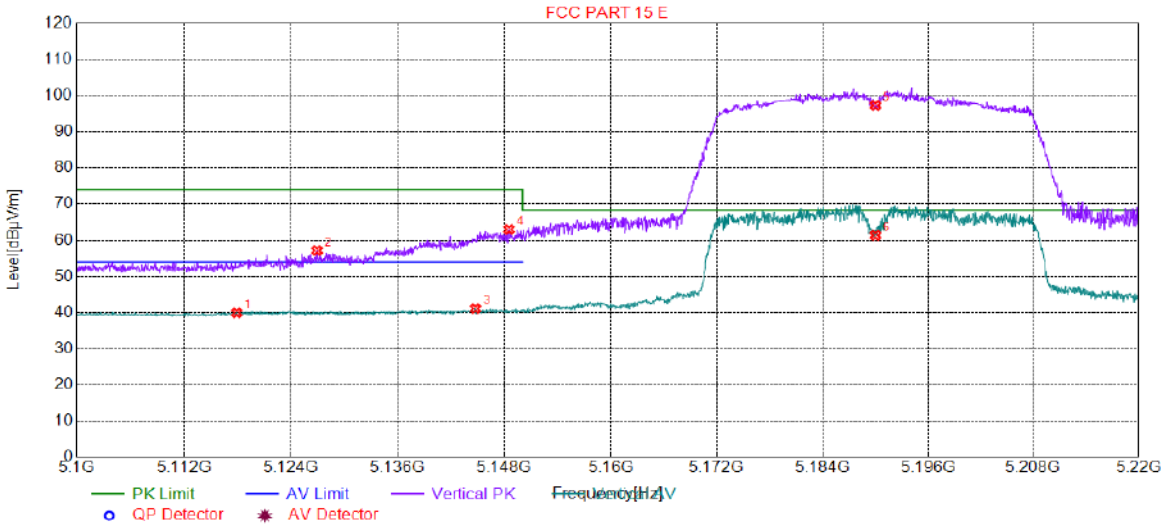
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5825.0000	99.62	20.25	0.00	-99.62	219	56	Vertical
2	5851.4107	59.46	20.37	119.08	59.62	180	61	Vertical
3	5867.4612	52.41	20.31	107.41	55.00	208	312	Vertical
4	5893.8244	51.39	20.20	91.37	39.98	215	61	Vertical
5	5937.0910	51.79	20.51	68.30	16.51	152	61	Vertical

4.10.1.64 11AC20_165 ANT 1_ Horizontal



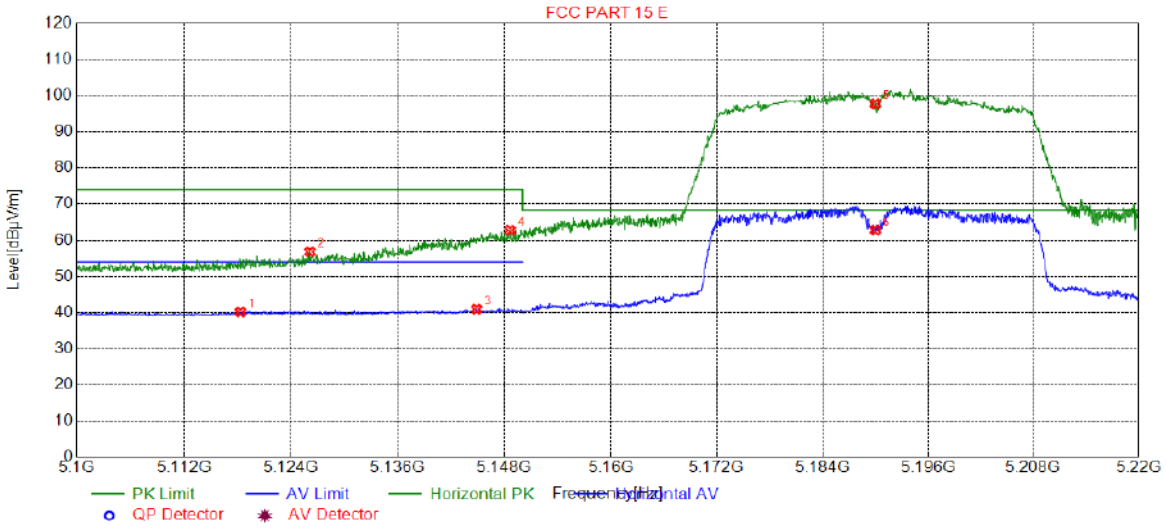
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5825.0000	104.94	20.25	0.00	-104.94	206	16	Horizontal
2	5851.1006	63.95	20.38	119.79	55.84	119	81	Horizontal
3	5860.1726	59.72	20.34	109.45	49.73	151	81	Horizontal
4	5889.4822	54.31	20.22	94.58	40.27	246	81	Horizontal
5	5934.2997	52.60	20.49	68.30	15.70	240	12	Horizontal

4.10.1.65 11AC40_38 ANT 1_ Vertical



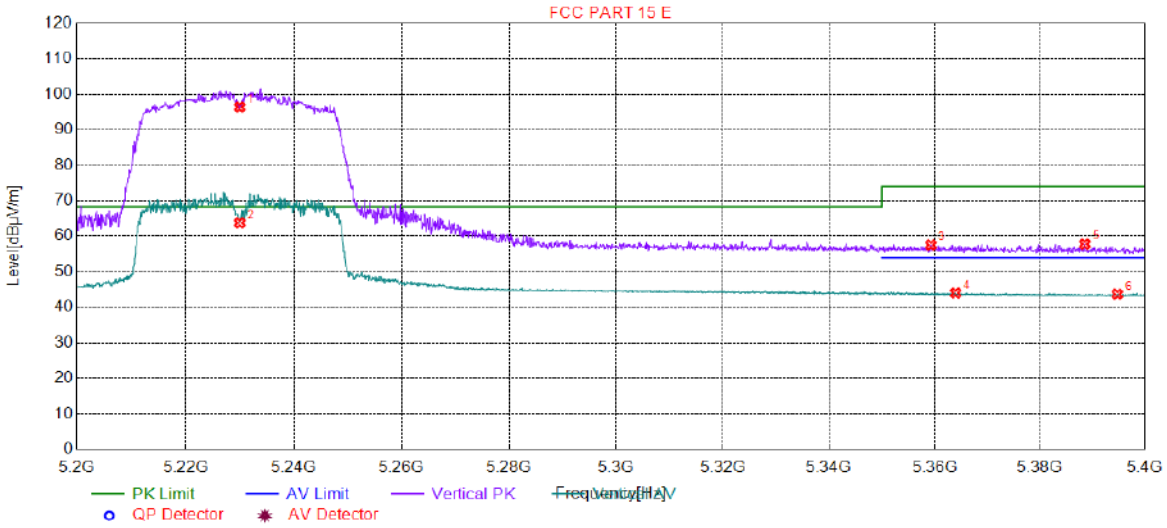
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5117.8889	39.93	21.59	54.00	14.07	296	19	Vertical
2	5126.8934	57.19	21.52	74.00	16.81	193	19	Vertical
3	5144.7224	41.09	21.38	54.00	12.91	296	14	Vertical
4	5148.5043	63.01	21.35	74.00	10.99	178	29	Vertical
5	5190.0000	97.32	20.90	68.30	-29.02	248	29	Vertical
6	5190.0000	61.38	20.90	0.00	-61.38	272	19	Vertical

4.10.1.66 11AC40_38 ANT 1_ Horizontal



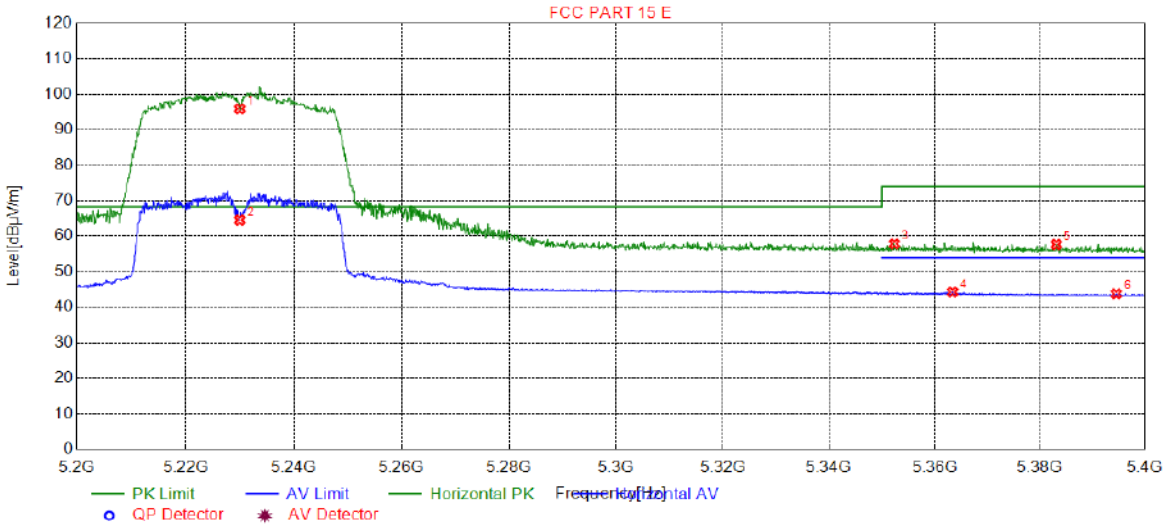
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5118.3092	40.16	21.59	54.00	13.84	188	221	Horizontal
2	5126.1131	56.85	21.53	74.00	17.15	110	221	Horizontal
3	5144.8424	40.94	21.38	54.00	13.06	175	221	Horizontal
4	5148.6243	62.80	21.35	74.00	11.20	202	221	Horizontal
5	5190.0000	97.75	20.90	68.30	-29.45	233	137	Horizontal
6	5190.0000	62.82	20.90	0.00	-62.82	131	215	Horizontal

4.10.1.67 11AC40_46 ANT 1_ Vertical



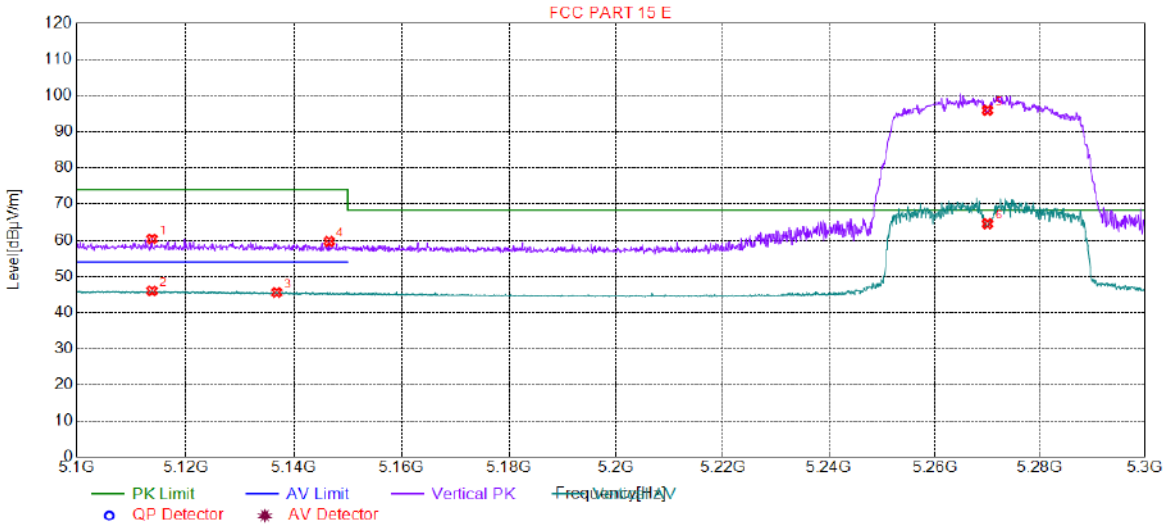
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5230.0000	96.41	20.45	68.30	-28.11	197	22	Vertical
2	5230.0000	63.80	20.45	0.00	-63.80	254	42	Vertical
3	5359.2796	57.54	19.69	74.00	16.46	241	221	Vertical
4	5363.9820	44.03	19.66	54.00	9.97	262	90	Vertical
5	5388.4942	57.81	19.45	74.00	16.19	274	338	Vertical
6	5394.6973	43.71	19.40	54.00	10.29	292	179	Vertical

4.10.1.68 11AC40_46 ANT 1_ Horizontal



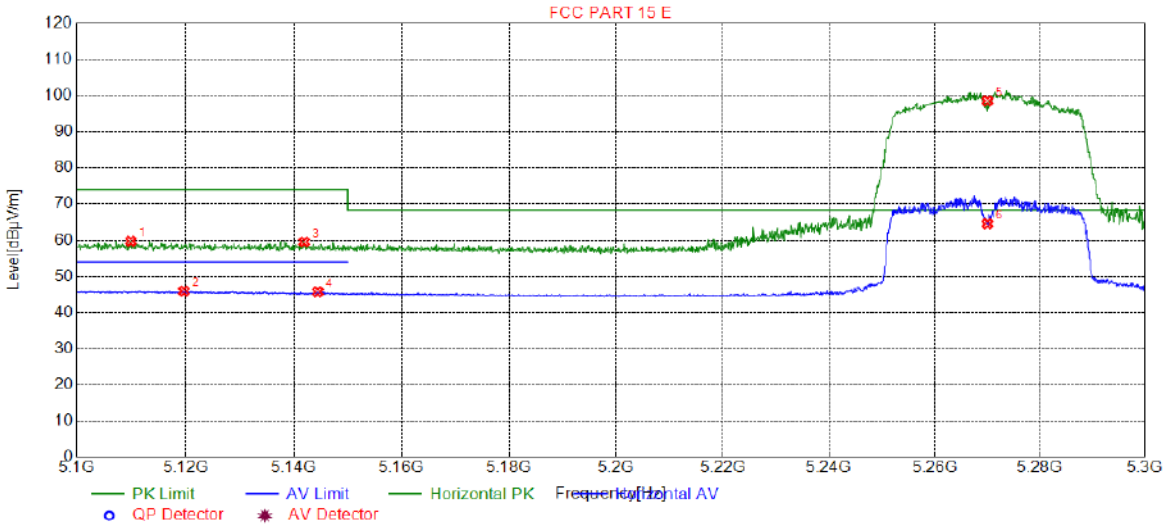
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5230.0000	95.92	20.45	68.30	-27.62	133	64	Horizontal
2	5230.0000	64.58	20.45	0.00	-64.58	234	222	Horizontal
3	5352.3762	57.88	19.75	74.00	16.12	151	263	Horizontal
4	5363.3817	44.31	19.66	54.00	9.69	202	119	Horizontal
5	5383.0915	57.71	19.50	74.00	16.29	144	195	Horizontal
6	5394.4972	43.81	19.41	54.00	10.19	132	71	Horizontal

4.10.1.69 11AC40_54 ANT 1_ Vertical



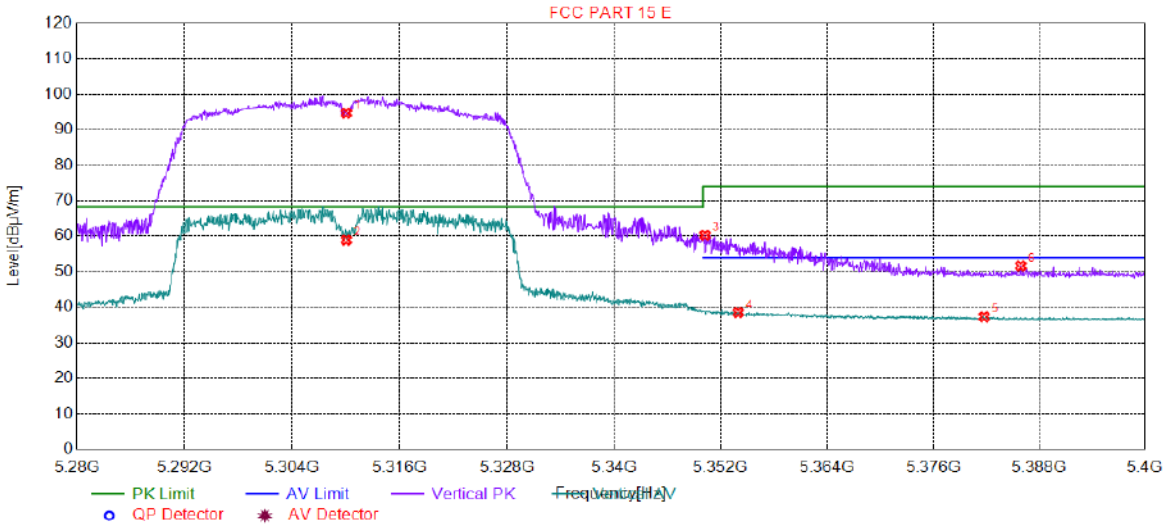
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5113.8069	60.36	21.62	74.00	13.64	240	326	Vertical
2	5113.8069	46.03	21.62	54.00	7.97	205	15	Vertical
3	5136.8184	45.56	21.44	54.00	8.44	173	50	Vertical
4	5146.5233	59.69	21.37	74.00	14.31	171	340	Vertical
5	5270.0000	95.94	20.13	68.30	-27.64	264	22	Vertical
6	5270.0000	64.57	20.13	0.00	-64.57	253	22	Vertical

4.10.1.70 11AC40_54 ANT 1_ Horizontal



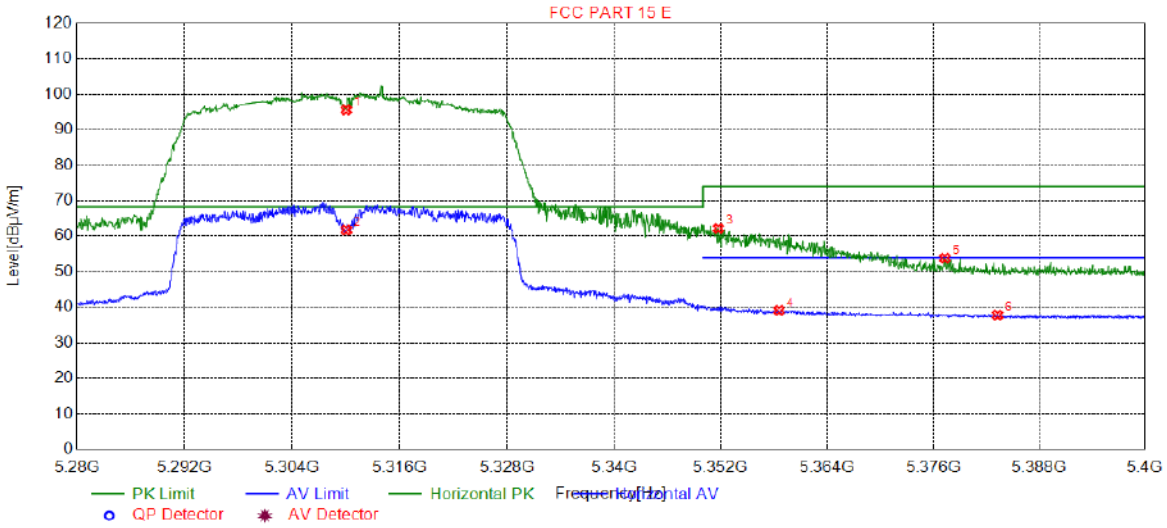
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5109.9050	59.74	21.65	74.00	14.26	138	331	Horizontal
2	5119.7099	45.93	21.58	54.00	8.07	139	201	Horizontal
3	5141.9210	59.55	21.40	74.00	14.45	234	283	Horizontal
4	5144.4222	45.75	21.38	54.00	8.25	204	222	Horizontal
5	5270.0000	98.56	20.13	68.30	-30.26	168	77	Horizontal
6	5270.0000	64.58	20.13	0.00	-64.58	230	56	Horizontal

4.10.1.71 11AC40_62 ANT 1_ Vertical



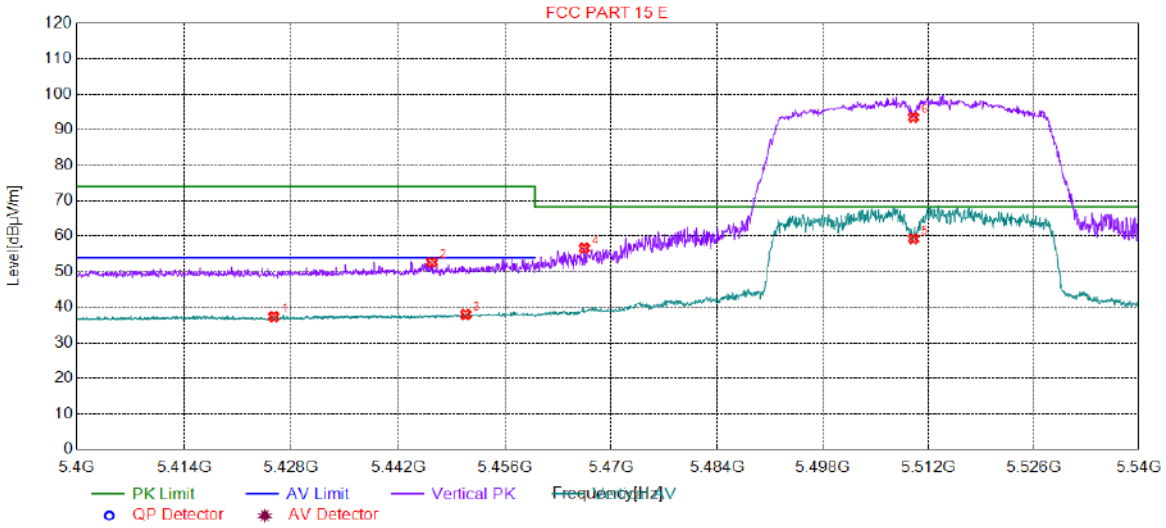
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5310.0000	94.70	19.94	68.30	-26.40	294	22	Vertical
2	5310.0000	58.94	19.94	0.00	-58.94	236	16	Vertical
3	5350.2351	60.30	19.77	74.00	13.70	183	36	Vertical
4	5353.9570	38.53	19.74	54.00	15.47	218	36	Vertical
5	5381.7509	37.33	19.51	54.00	16.67	222	22	Vertical
6	5385.8929	51.66	19.48	74.00	22.34	202	16	Vertical

4.10.1.72 11AC40_62 ANT 1_ Horizontal



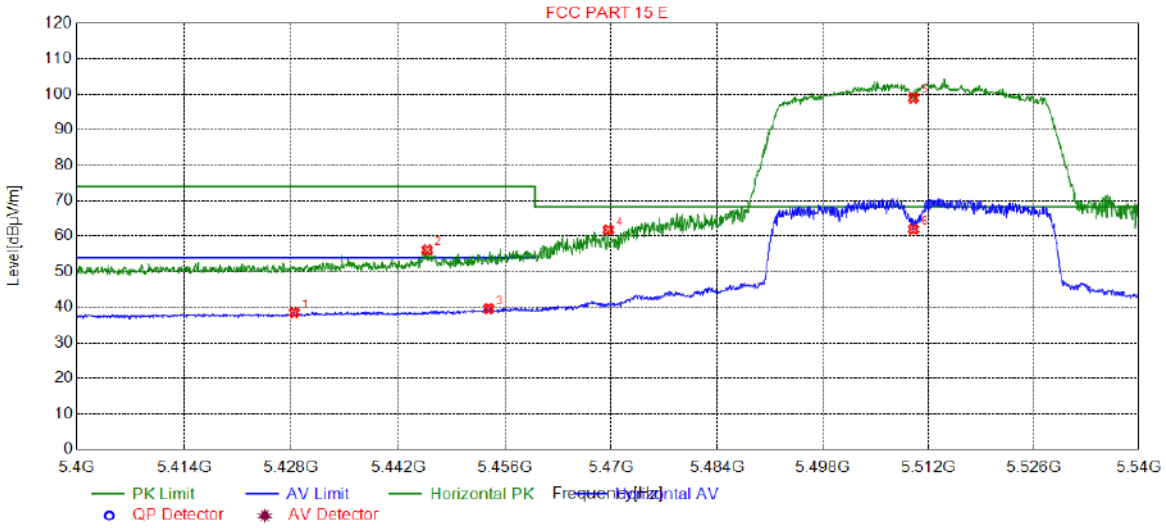
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5310.0000	95.63	19.94	68.30	-27.33	217	83	Horizontal
2	5310.0000	61.79	19.94	0.00	-61.79	229	97	Horizontal
3	5351.7359	62.24	19.76	74.00	11.76	134	69	Horizontal
4	5358.5793	39.10	19.70	54.00	14.90	216	62	Horizontal
5	5377.3087	53.84	19.55	74.00	20.16	156	69	Horizontal
6	5383.2516	37.80	19.50	54.00	16.20	174	76	Horizontal

4.10.1.73 11AC40_102 ANT 1_ Vertical



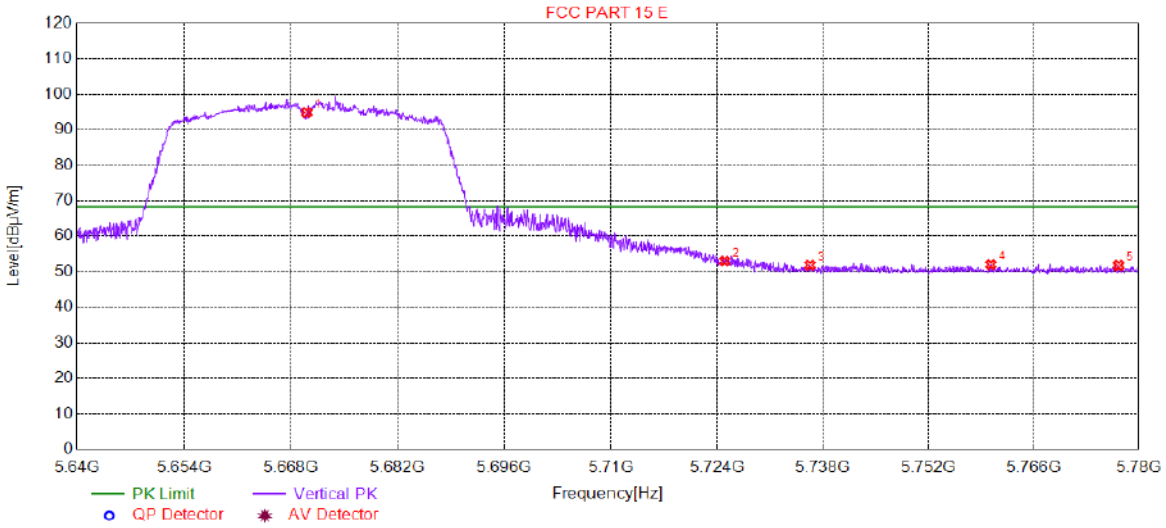
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5425.7029	37.33	19.46	54.00	16.67	238	35	Vertical
2	5446.4332	52.67	19.55	74.00	21.33	240	42	Vertical
3	5450.8454	38.02	19.56	54.00	15.98	238	35	Vertical
4	5466.4632	56.68	19.61	68.30	11.62	177	42	Vertical
5	5510.0000	59.27	19.66	0.00	-59.27	224	70	Vertical
6	5510.0000	93.50	19.66	68.30	-25.20	278	35	Vertical

4.10.1.74 11AC40_102 ANT 1_ Horizontal



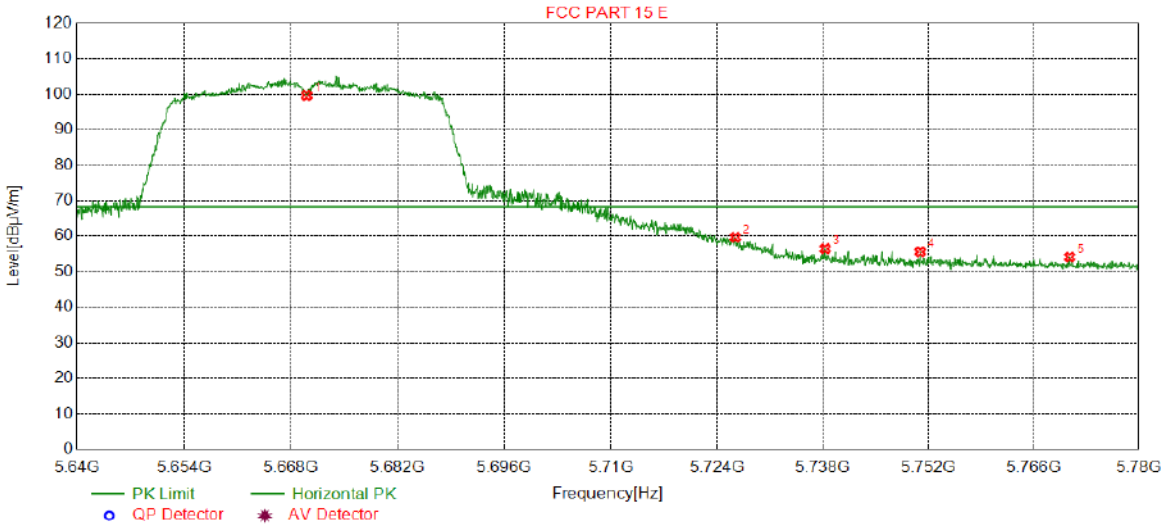
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5428.3642	38.49	19.47	54.00	15.51	243	70	Horizontal
2	5445.8029	56.17	19.54	74.00	17.83	191	63	Horizontal
3	5453.8569	39.64	19.57	54.00	14.36	136	77	Horizontal
4	5469.6148	61.81	19.61	68.30	6.49	121	63	Horizontal
5	5510.0000	98.98	19.66	68.30	-30.68	181	77	Horizontal
6	5510.0000	61.99	19.66	0.00	-61.99	245	105	Horizontal

4.10.1.75 11AC40_134 ANT 1_ Vertical



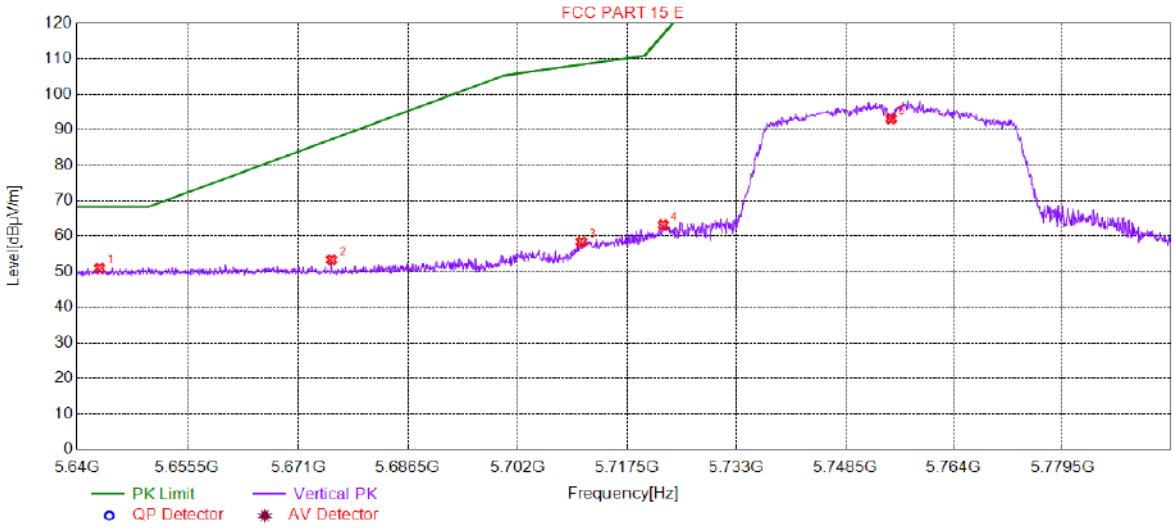
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5670.0000	94.87	19.53	68.30	-26.57	238	33	Vertical
2	5725.0000	53.02	19.82	68.30	15.28	272	56	Vertical
3	5736.2981	51.88	19.87	68.30	16.42	166	51	Vertical
4	5760.3202	52.03	19.96	68.30	16.27	222	47	Vertical
5	5777.3387	51.80	20.03	68.30	16.50	200	351	Vertical

4.10.1.76 11AC40_134 ANT 1_ Horizontal



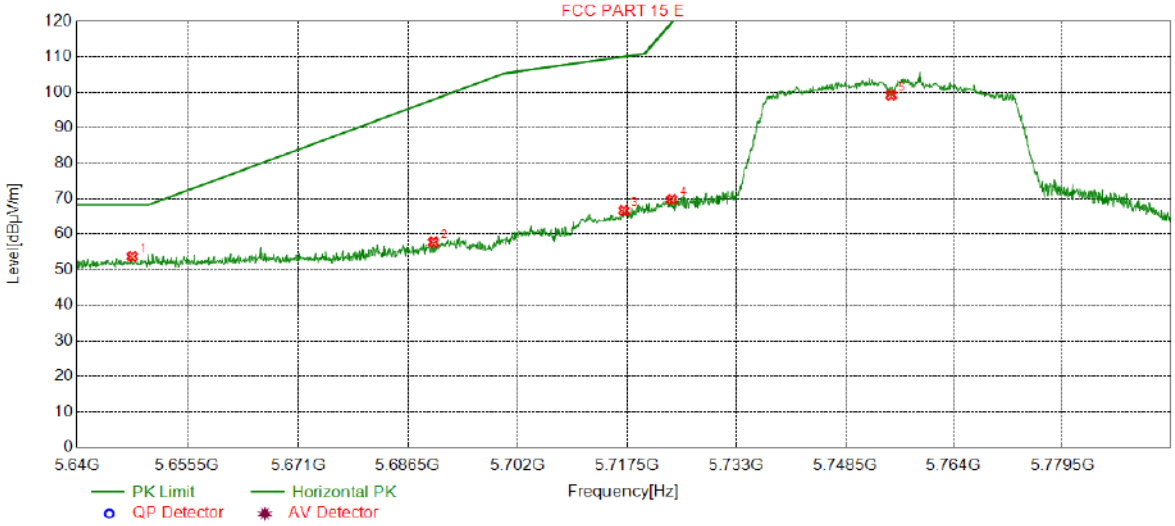
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5670.0000	99.70	19.53	68.30	-31.40	236	61	Horizontal
2	5726.4232	59.71	19.83	68.30	8.59	159	66	Horizontal
3	5738.3292	56.51	19.87	68.30	11.79	218	52	Horizontal
4	5750.9355	55.65	19.92	68.30	12.65	174	80	Horizontal
5	5770.8254	54.16	20.00	68.30	14.14	151	103	Horizontal

4.10.1.77 11AC40_151 ANT 1_ Vertical



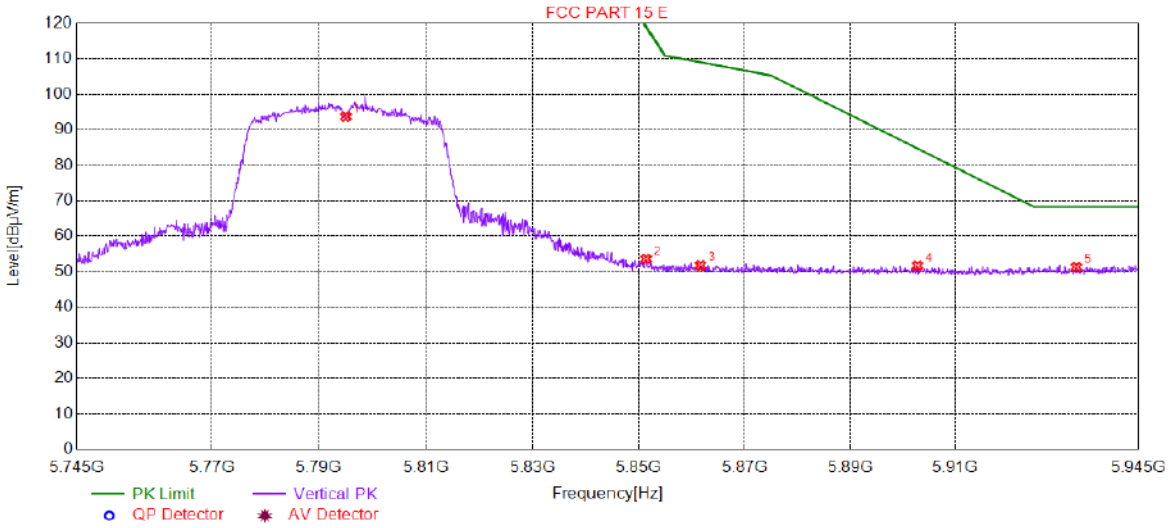
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5643.1791	51.01	19.43	68.30	17.29	185	52	Vertical
2	5675.7454	53.38	19.57	87.35	33.97	244	47	Vertical
3	5711.0255	58.42	19.76	108.39	49.97	255	38	Vertical
4	5722.5788	63.24	19.81	116.78	53.54	181	43	Vertical
5	5755.0000	93.12	19.94	0.00	-93.12	297	38	Vertical

4.10.1.78 11AC40_151 ANT 1_ Horizontal



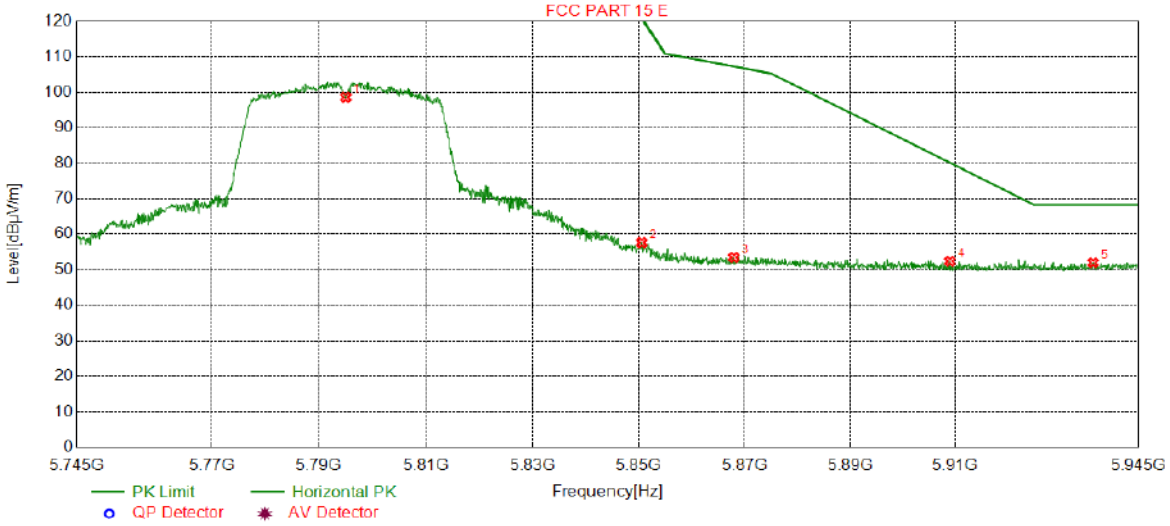
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5647.7539	53.75	19.42	68.30	14.55	204	88	Horizontal
2	5690.0900	57.79	19.66	97.97	40.18	100	56	Horizontal
3	5716.9960	66.65	19.79	110.06	43.41	216	65	Horizontal
4	5723.8194	69.81	19.82	119.61	49.80	230	60	Horizontal
5	5755.0000	99.18	19.94	0.00	-99.18	198	83	Horizontal

4.10.1.79 11AC40_159 ANT 1_ Vertical



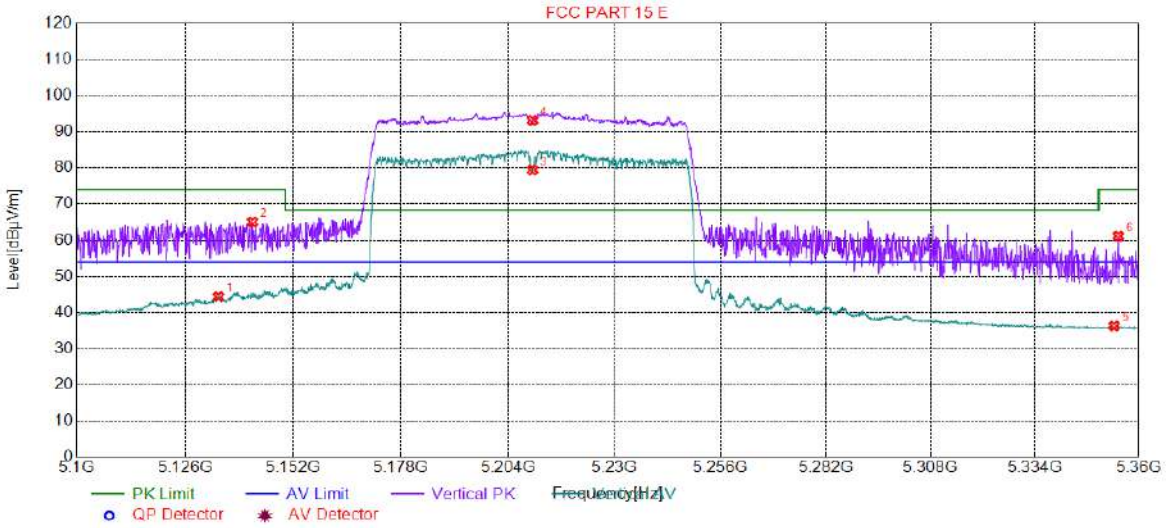
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5795.0000	93.70	20.10	0.00	-93.70	266	42	Vertical
2	5851.3532	53.63	20.37	119.21	65.58	218	51	Vertical
3	5861.6583	51.78	20.33	109.04	57.26	278	51	Vertical
4	5902.7789	51.70	20.21	84.74	33.04	200	360	Vertical
5	5933.0940	51.32	20.48	68.30	16.98	272	194	Vertical

4.10.1.80 11AC40_159 ANT 1_ Horizontal



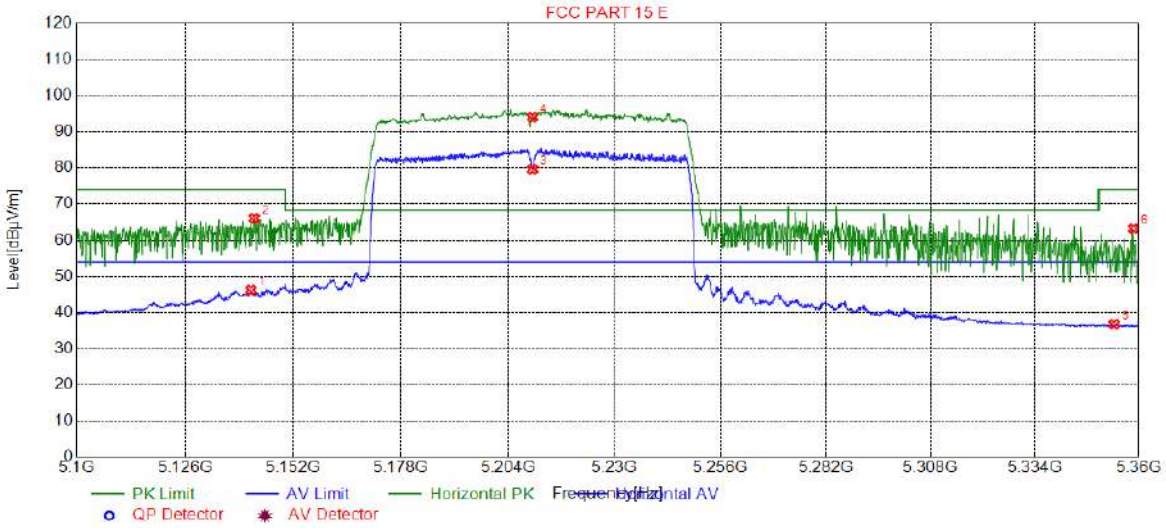
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5795.0000	98.60	20.10	0.00	-98.60	111	68	Horizontal
2	5850.5528	57.65	20.38	121.04	63.39	144	44	Horizontal
3	5867.9615	53.49	20.31	107.27	53.78	215	68	Horizontal
4	5908.9820	52.40	20.26	80.15	27.75	118	68	Horizontal
5	5936.2956	51.99	20.51	68.30	16.31	234	188	Horizontal

4.10.1.81 11AC80_42 ANT 1_ Vertical



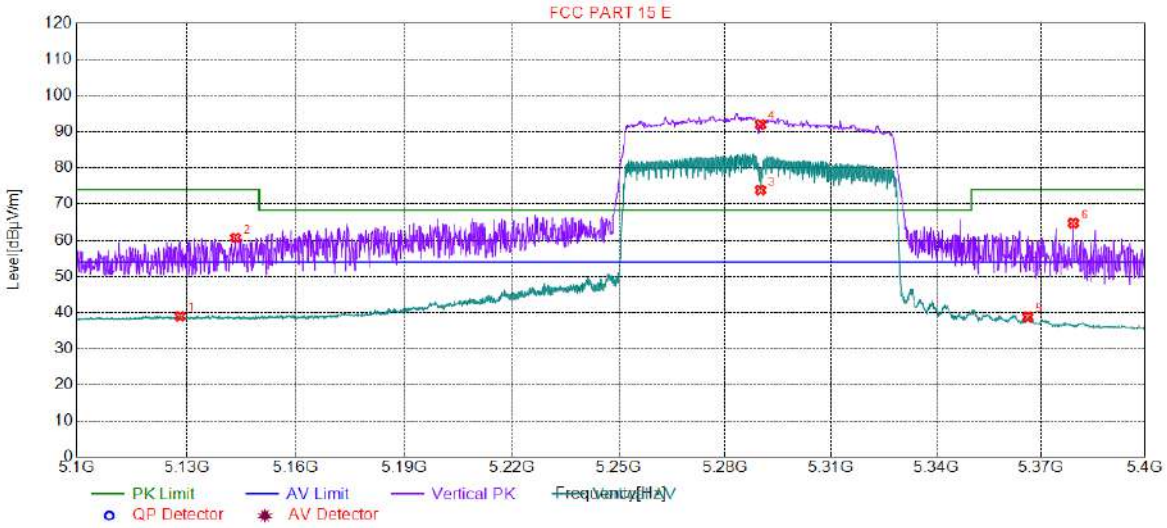
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5133.9470	44.42	21.47	54.00	9.58	189	29	Vertical
2	5142.1411	65.08	21.40	74.00	8.92	295	29	Vertical
3	5210.0000	79.45	20.68	54.00	-25.45	161	29	Vertical
4	5210.0000	93.16	20.68	68.30	-24.86	254	29	Vertical
5	5353.8869	36.33	19.74	54.00	17.67	256	29	Vertical
6	5354.9275	61.14	19.73	74.00	12.86	247	35	Vertical

4.10.1.82 11AC80_42 ANT 1_ Horizontal



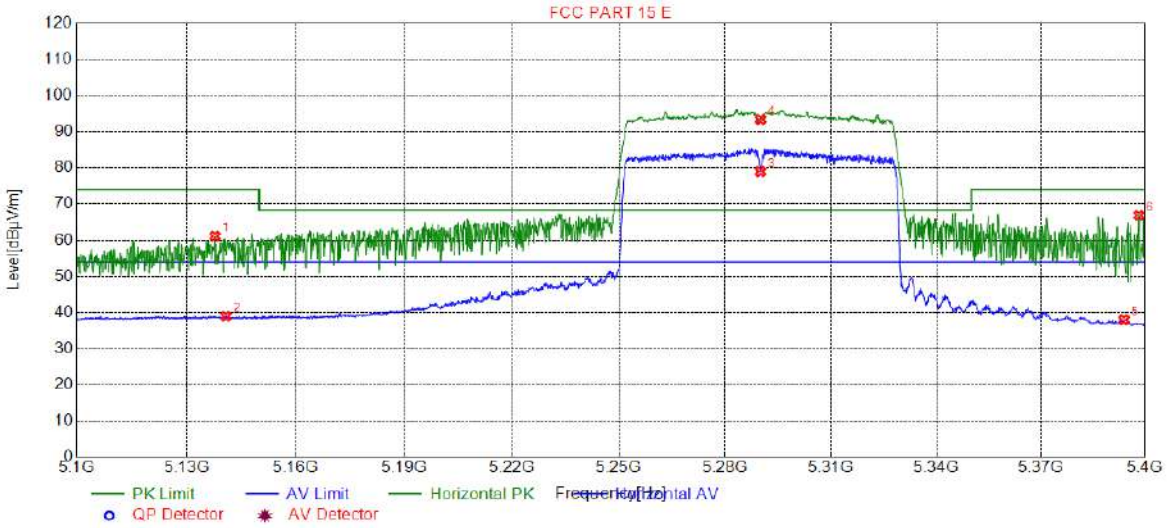
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5141.7509	46.23	21.40	54.00	7.77	176	216	Horizontal
2	5142.5313	66.09	21.40	74.00	7.91	230	216	Horizontal
3	5210.0000	79.62	20.68	54.00	-25.62	125	120	Horizontal
4	5210.0000	94.03	20.68	68.30	-25.73	242	58	Horizontal
5	5353.8869	36.80	19.74	54.00	17.20	219	72	Horizontal
6	5358.6994	63.27	19.70	74.00	10.73	135	93	Horizontal

4.10.1.83 11AC80_58 ANT 1_ Vertical



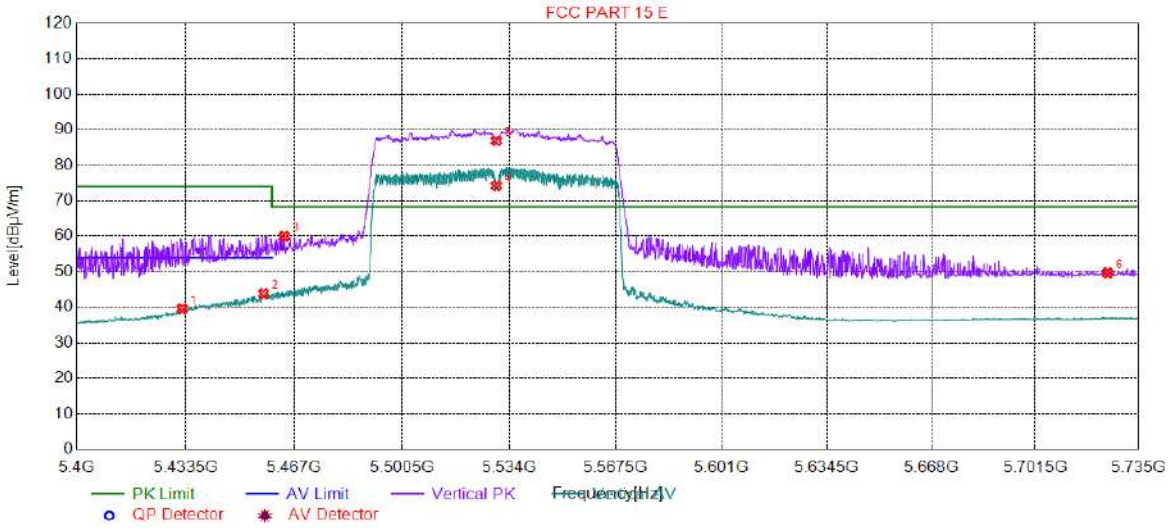
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5128.2141	38.94	21.51	54.00	15.06	231	16	Vertical
2	5143.5218	60.66	21.39	74.00	13.34	224	22	Vertical
3	5290.0000	73.85	20.03	54.00	-19.85	194	216	Vertical
4	5290.0000	92.00	20.03	68.30	-23.70	248	36	Vertical
5	5366.2331	38.76	19.64	54.00	15.24	152	36	Vertical
6	5379.2896	64.74	19.53	74.00	9.26	253	29	Vertical

4.10.1.84 11AC80_58 ANT 1_ Horizontal



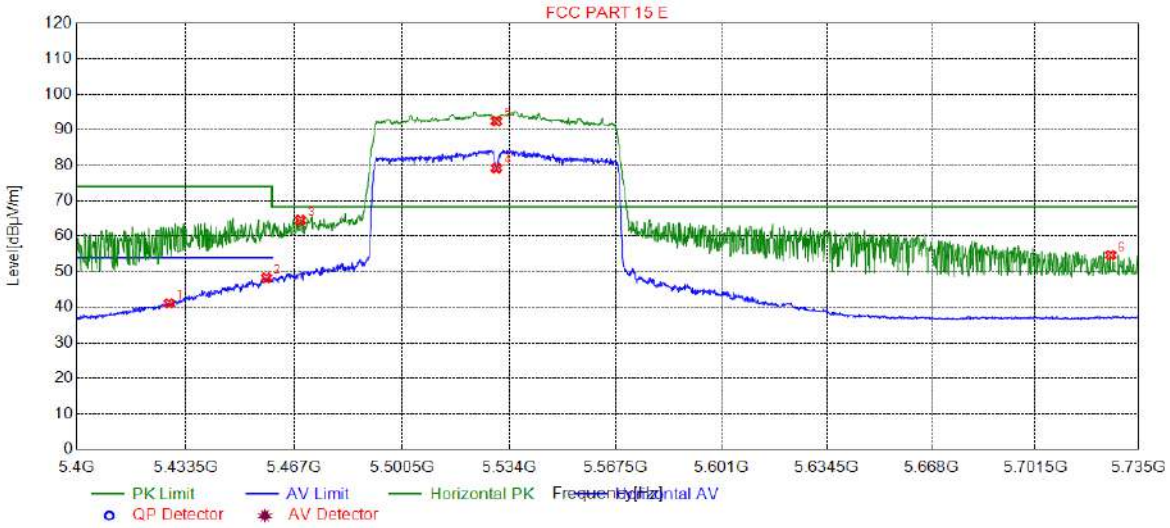
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5137.8189	61.11	21.44	74.00	12.89	163	112	Horizontal
2	5140.8204	38.99	21.41	54.00	15.01	134	71	Horizontal
3	5290.0000	79.02	20.03	54.00	-25.02	210	58	Horizontal
4	5290.0000	93.39	20.03	68.30	-25.09	136	78	Horizontal
5	5393.8469	38.02	19.41	54.00	15.98	139	64	Horizontal
6	5398.1991	66.89	19.37	74.00	7.11	195	71	Horizontal

4.10.1.85 11AC80_106 ANT 1_ Vertical



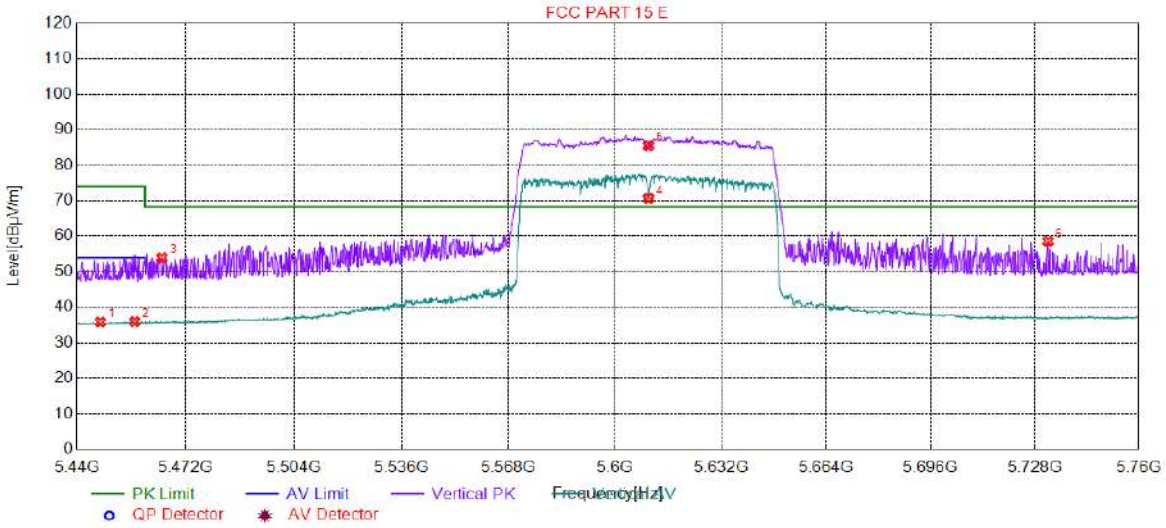
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5432.3437	39.56	19.49	54.00	14.44	277	35	Vertical
2	5457.4812	43.84	19.58	54.00	10.16	260	42	Vertical
3	5463.8494	60.02	19.60	68.30	8.28	171	42	Vertical
4	5530.0000	74.25	19.58	0.00	-74.25	246	42	Vertical
5	5530.0000	86.90	19.58	68.30	-18.60	299	49	Vertical
6	5725.0000	49.69	19.82	68.30	18.61	231	69	Vertical

4.10.1.86 11AC80_106 ANT 1_ Horizontal



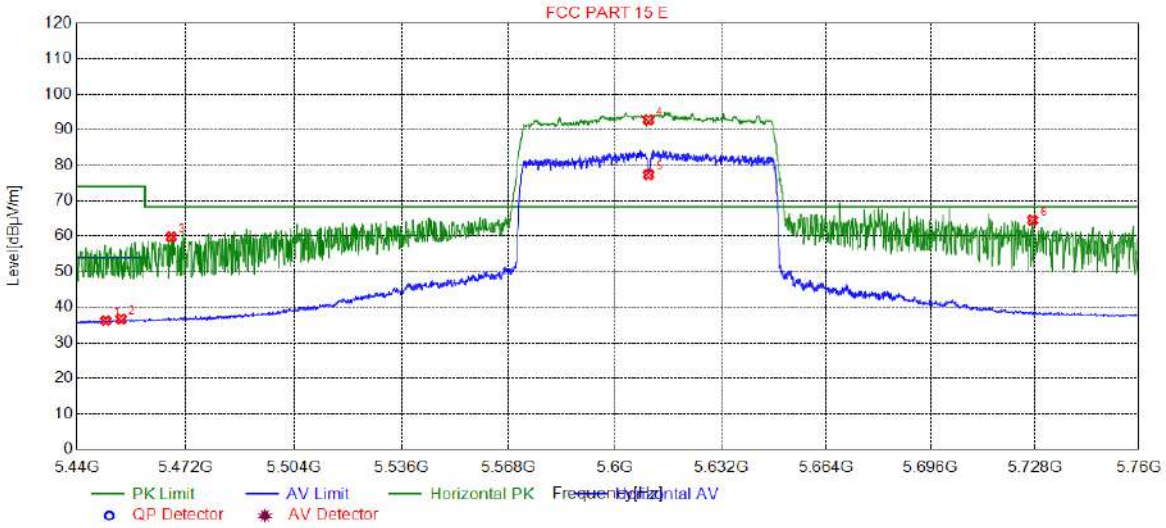
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5428.3217	41.13	19.47	54.00	12.87	183	79	Horizontal
2	5458.3192	48.29	19.58	54.00	5.71	165	72	Horizontal
3	5468.8769	64.53	19.61	68.30	3.77	111	79	Horizontal
4	5530.0000	79.22	19.58	0.00	-79.22	189	65	Horizontal
5	5530.0000	92.46	19.58	68.30	-24.16	161	72	Horizontal
6	5725.9505	54.71	19.82	68.30	13.59	223	72	Horizontal

4.10.1.87 11AC80_122 ANT 1_ Vertical



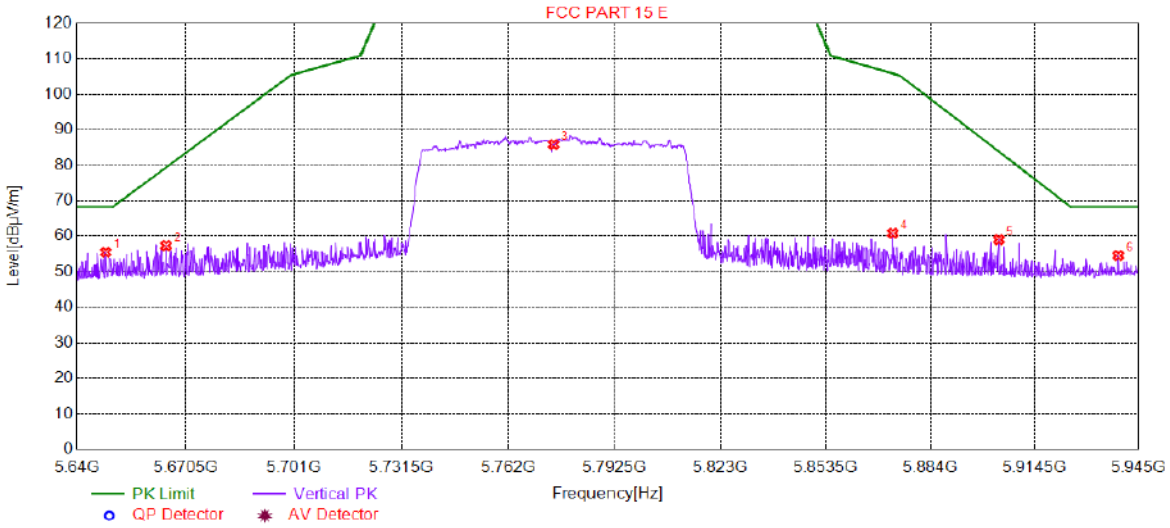
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5446.8834	35.87	19.55	54.00	18.13	205	36	Vertical
2	5456.9685	35.98	19.58	54.00	18.02	231	36	Vertical
3	5464.9725	53.96	19.60	68.30	14.34	257	43	Vertical
4	5610.0000	70.65	19.51	0.00	-70.65	297	63	Vertical
5	5610.0000	85.53	19.51	68.30	-17.23	184	63	Vertical
6	5731.9860	58.58	19.85	68.30	9.72	285	218	Vertical

4.10.1.88 11AC80_122 ANT 1_ Horizontal



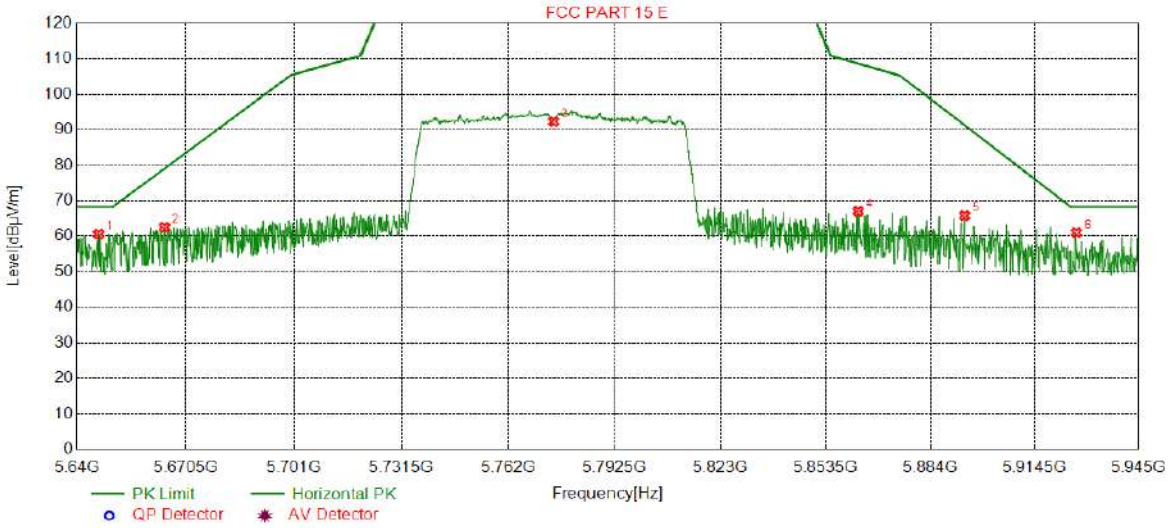
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5448.4842	36.23	19.55	54.00	17.77	143	64	Horizontal
2	5452.9665	36.70	19.57	54.00	17.30	117	64	Horizontal
3	5467.6938	59.83	19.61	68.30	8.47	127	64	Horizontal
4	5610.0000	92.82	19.51	68.30	-24.52	179	64	Horizontal
5	5610.0000	77.37	19.51	0.00	-77.37	113	85	Horizontal
6	5727.1836	64.55	19.83	68.30	3.75	146	23	Horizontal

4.10.1.89 11AC80_155 ANT 1_ Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5648.0865	55.53	19.41	68.30	12.77	202	38	Vertical
2	5665.0225	57.37	19.50	79.42	22.05	291	38	Vertical
3	5775.0000	85.87	20.02	122.30	36.43	209	47	Vertical
4	5872.9840	60.87	20.29	105.86	44.99	222	42	Vertical
5	5903.9570	59.04	20.22	83.87	24.83	194	56	Vertical
6	5939.0495	54.59	20.53	68.30	13.71	154	74	Vertical

4.10.1.90 11AC80_155 ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5646.1031	60.62	19.42	68.30	7.68	144	47	Horizontal
2	5664.5648	62.56	19.50	79.08	16.52	133	61	Horizontal
3	5775.0000	92.31	20.02	122.30	29.99	240	79	Horizontal
4	5862.9140	67.04	20.33	108.68	41.64	101	79	Horizontal
5	5893.8869	65.83	20.20	91.32	25.49	155	70	Horizontal
6	5926.6908	61.03	20.42	68.30	7.27	137	106	Horizontal

Remark:
The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:
Final Test Level =Receiver Reading + Antenna Factor + Cable Factor – Preamplifier Factor
All modes have been tested, but only the worst case data displayed in this report.

4.11 Frequencies Stability

4.11.1 Frequency Error vs. Voltage:

Test Conditions	Measured Frequency (MHz)	
	5180	5320
V nom(V)	5180.006468	5320.008707
V max(V)	5180.008882	5320.015864
V min(V)	5180.018019	5320.016051
Max. Deviation Frequency	0.018019	0.016051
Max. Frequency Error (ppm)	3.478578	3.017076

4.11.2 Frequency Error vs. Temperature:

Test Conditions(°C)	Measured Frequency (MHz)	
	5180	5320
-5	5180.003922	5320.004543
5	5180.005248	5320.014347
15	5180.014060	5320.021747
25	5180.019490	5320.025540
35	5180.025179	5320.035119
45	5180.025406	5320.037067
50	5180.031152	5320.043272
Max. Deviation Frequency	0.031152	0.043272
Max. Frequency Error (ppm)	6.013856	8.133881

4.12 Dynamic Frequency Selection

4.12.1 DFS Overview

Table 1: Applicability of DFS Requirements Prior to Use of a Channel

Requirement	Operational Mode		
	Master	Client Without Radar Detection	Client With Radar Detection
Non-Occupancy Period	Yes	Not required	Yes
DFS Detection Threshold	Yes	Not required	Yes
Channel Availability Check Time	Yes	Not required	Not required
U-NII Detection Bandwidth	Yes	Not required	Yes

Table 2: Applicability of DFS requirements during normal operation

Requirement	Operational Mode	
	Master Device or Client with Radar Detection	Client Without Radar Detection
DFS Detection Threshold	Yes	Not required
Channel Closing Transmission Time	Yes	Yes
Channel Move Time	Yes	Yes
U-NII Detection Bandwidth	Yes	Not required
Additional requirements for devices with multiple bandwidth modes	**Master Device or Client with Radar Detection**	**Client Without Radar Detection**
U-NII Detection Bandwidth and Statistical Performance Check	All BW modes must be tested	Not required
Channel Move Time and Channel Closing Transmission Time	Test using widest BW mode available	Test using the widest BW mode available for the link
All other tests	Any single BW mode	Not required
Note: Frequencies selected for statistical performance check (Section 7.8.4) should include several frequencies within the radar detection bandwidth and frequencies near the edge of the radar detection bandwidth. For 802.11 devices it is suggested to select frequencies in each of the bonded 20 MHz channels and the channel center frequency.		

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4.12.2 DFS Detection Thresholds

Table 3: DFS Detection Thresholds for Master Devices and Client Devices with Radar Detection

Maximum Transmit Power	Value (See Notes 1, 2, and 3)
EIRP ≥ 200 milliwatt	-64 dBm
EIRP < 200 milliwatt and power spectral density < 10 dBm/MHz	-62 dBm
EIRP < 200 milliwatt that do not meet the power spectral density requirement	-64 dBm
Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna. **Note 2:** Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response. **Note3:** EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911 D01.	

4.12.3 Response Requirements

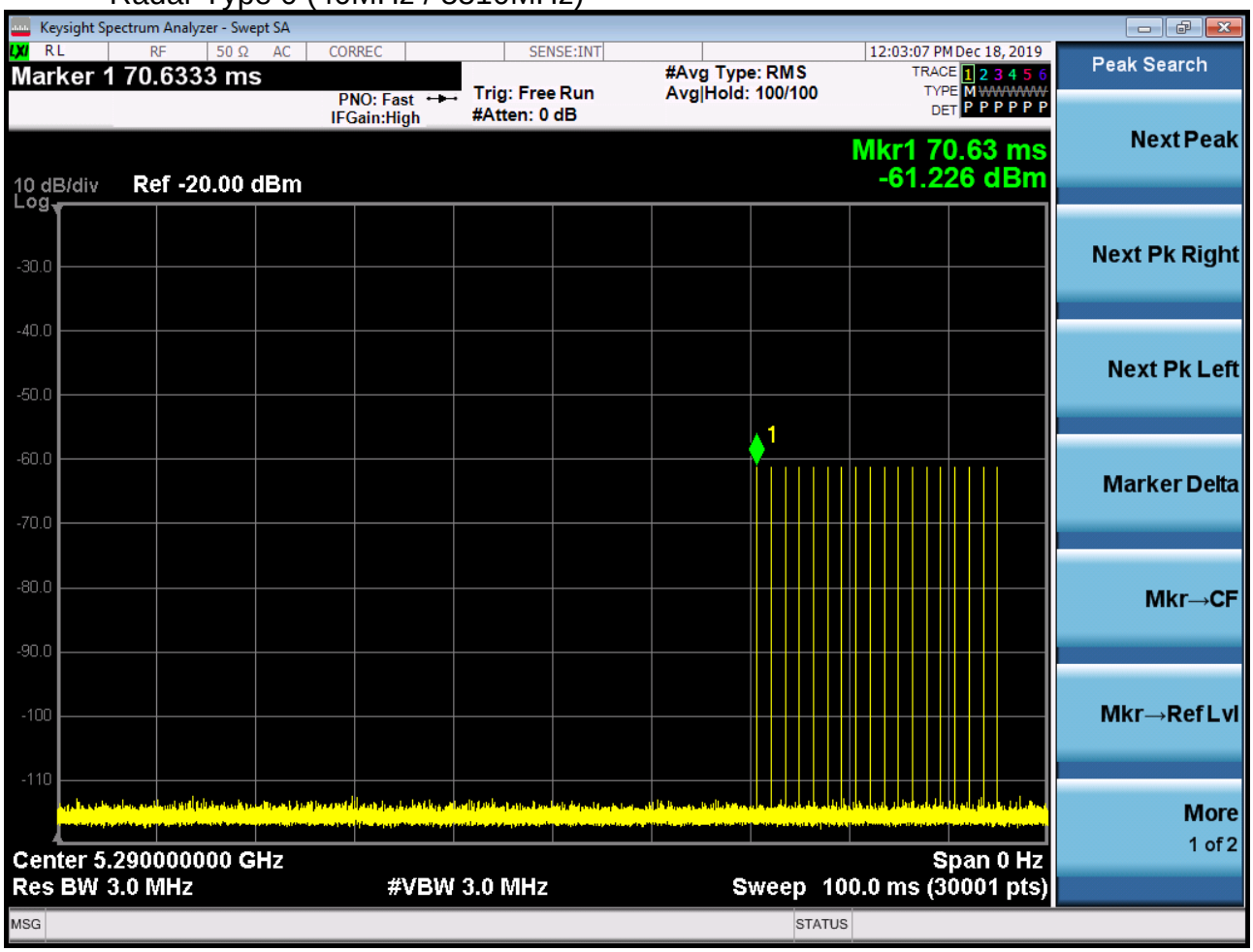
Table 4: DFS Response Requirement Values

Parameter	Value
Non-occupancy period	Minimum 30 minutes
Channel Availability Check Time	60 seconds
Channel Move Time	10 seconds See Note 1.
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2.
U-NII Detection Bandwidth	Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3.
Note 1: *Channel Move Time* and the *Channel Closing Transmission Time* should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst. **Note 2:** The *Channel Closing Transmission Time* is comprised of 200 milliseconds starting at the beginning of the *Channel Move Time* plus any additional intermittent control signals required to facilitate a *Channel* move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions. **Note 3:** During the *U-NII Detection Bandwidth* detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.	

4.12.4 Test plots

4.12.4.1 Radar Waveform Calibration Result

Radar Type 0 (40MHz / 5510MHz)

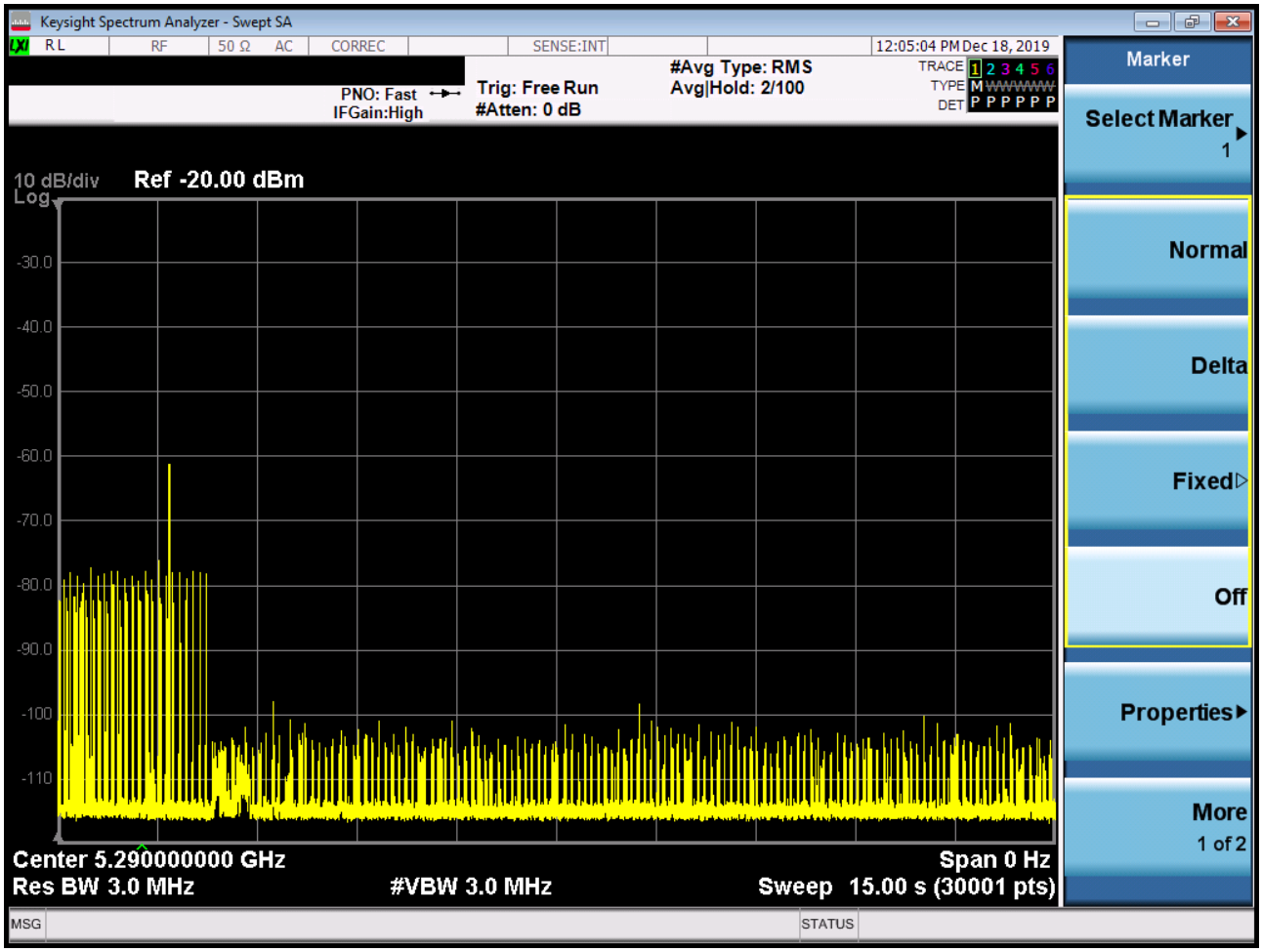


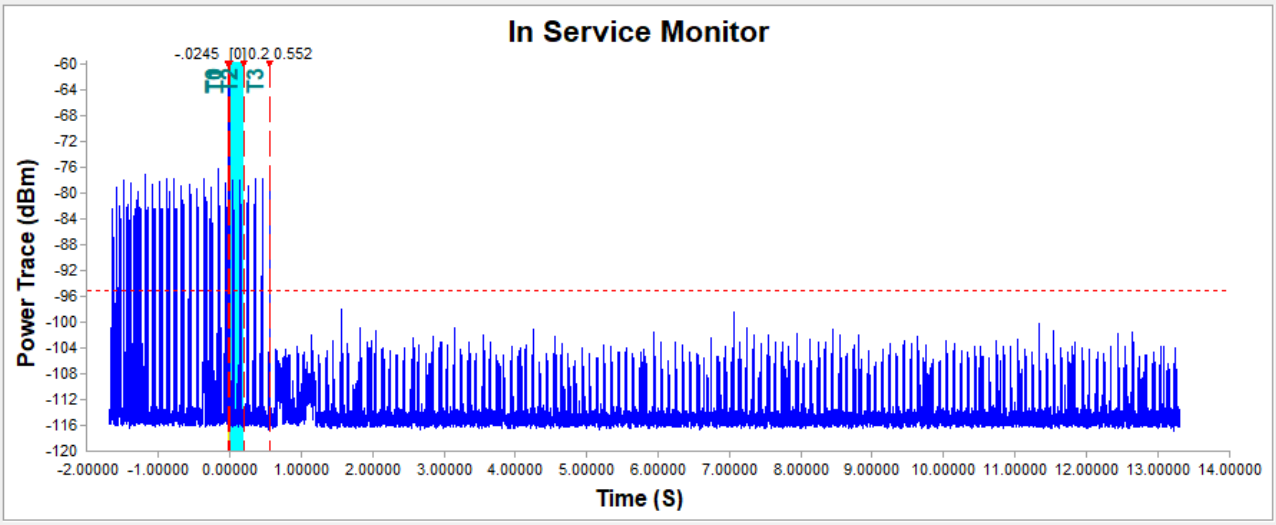
4.12.5 Test Data:

BW/Channel	Test Item	Test Result	Limit	Results
40MHz / 5510MHz	Channel Move Time	0.552s	＜10s	Pass
	Channel Closing Transmission Time	9.999ms	＜60ms	Pass

4.12.5.1 Test plots

4.12.5.1.1 Test Bandwidth/Channel= 40MHz / 5310MHz





Time Index Info

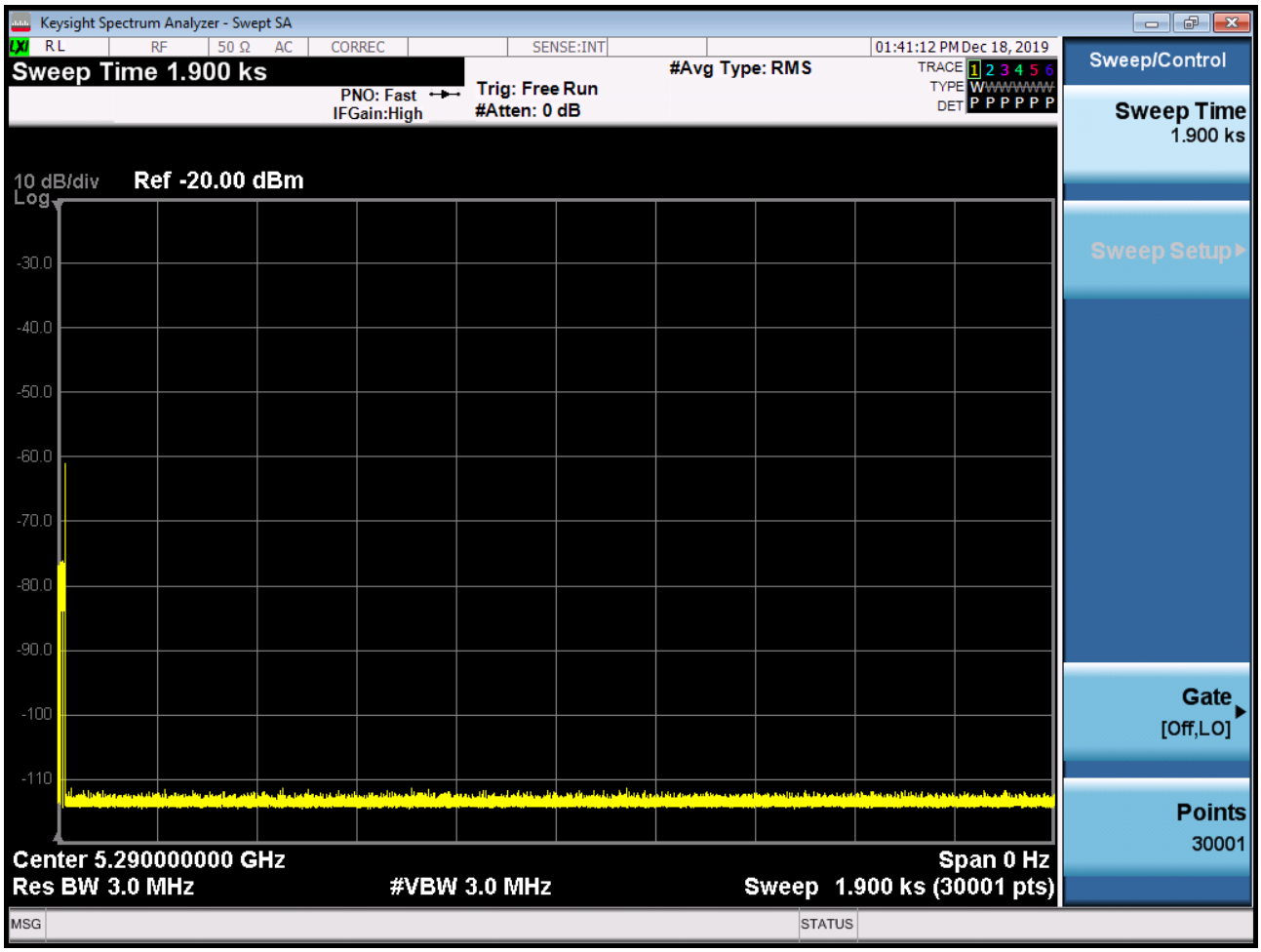
T0 : -0.0245 S (Radar Injection Start)
T1 : 0.0000 S (Radar Injection Stop)
T2 : 0.2000 S (200msec Interval)
T3 : 0.5520 S (Channel Move Time)

Time Per Bin:0.4999833

T2~T3 Bins Over Threshold:
= 20 Bins

Channel Move Time: 0.5519816 S

Channel Close Time: 0.0099997 S



5 Measurement Uncertainty (95% confidence levels, k=2)

Lab A:

No.	Item	Measurement Uncertainty
1	Total RF power, conducted	±0.75dB
2	RF power density, conducted	±2.84dB
3	Spurious emissions, conducted	±0.75dB
4	Temperature test	±1°C
5	Humidity test	±3%
6	DC and low frequency voltages	±0.5%

Lab B:

No.	Item	Measurement Uncertainty
1	Conduction Emission	± 3.0dB (150kHz to 30MHz)
2	Radiated Emission	± 4.8dB (Below 1GHz)
		± 4.8dB (1GHz to 6GHz)
		± 4.5dB (6GHz to 18GHz)
		± 5.02dB (Above 18GHz)

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6 Equipment List

RF conducted test					
Test Equipment	**Manufacturer**	**Model No.**	**Inventory No.**	**Cal. Date (yyyy-mm-dd)**	**Cal. Due date (yyyy-mm-dd)**
DC Power Supply	ZhaoXin	RXN-305D	SEM011-02	2019/7/14	2020/7/14
Signal Analyzer	Rohde & Schwarz	FSV	W025-05	2019/3/2	2020/3/1
Coaxial Cable	SGS	N/A	SEM031-01	2019/6/12	2020/6/11
Attenuator	Weinschel Associates	WA41	SEM021-09	N/A	N/A
Signal Generator	KEYSIGHT	N5173B	SEM006-05	2019/7/14	2020/7/14
Temperature Chamber	GIANT FORCE	ICT-150-40-CP-AR	W027-03	2019/10/27	2020/10/27
Power Meter	Rohde & Schwarz	NRVS	SEM014-02	2019/7/14	2020/7/14
Master Device	Linksys pte.Ltd	WRT32X	FCC ID:Q87-WRT3200ACM IC ID:3839A-WRT3200ACM	N/A	N/A

CE Test System					
Equipment	**Manufacturer**	**Model No.**	**Inventory No.**	**Cal Date**	**Cal Due Date**
Shielding Room	Brilliant-emc	N/A	XAW03-35-01	2019-09-11	2022-09-10
Test receiver	ROHDE&SCHWARZ	ESR	XAW01-08-01	2019-09-07	2020-09-06
Artificial network	ROHDE&SCHWARZ	ENV216	XAW01-04-01	2019-07-16	2020-07-15
Temperature and humidity meter	MingGao	TH101B	XAW01-01-01	2018-12-16	2019-12-15
				2019-12-06	2020-12-05
Measurement Software	Tonscend	TS+ CE V2.5	XAW02-05-02	NCR	NCR

RSE Test System					
Equipment	**Manufacturer**	**Model No.**	**Inventory No.**	**Cal Date**	**Cal Due Date**
Semi-Anechoic Chamber	Brilliant-emc	N/A	XAW03-35-01	2019-09-11	2022-09-10
MXA signal analyzer	Keysight	N9020A	XAW01-06-01	2019-06-27	2020-06-26
Spectrum Analyzer	Keysight	N9020B	XAW01-11-03	2019-06-28	2020-06-27
Test receiver	ROHDE&SCHWARZ	ESR	XAW01-08-01	2019-09-07	2020-09-06
Receiving antenna (30MHz-3GHz)	Schwarzbeck	VULB 9163	XAW01-09-01	2019-10-13	2021-10-12
Receiving antenna (1GHz~18GHz)	Schwarzbeck	BBHA 9120D	XAW01-09-02	2019-10-13	2021-10-12
Receiving antenna (15GHz~40GHz)	Schwarzbeck	BBHA 9170	XAW01-09-03	2019-10-13	2021-10-12
Directional antenna rack controller	Max-Full	MF-7802BS	XAW03-03-01	NCR	NCR
High-speed antenna rack controller	Max-Full	MF-7802	XAW03-04-01	NCR	NCR
Filter bank	Tonscend	JS0806-F	XAW03-05-01	NCR	NCR
Filter bank	Tonscend	JS0806s	XAW03-05-02	NCR	NCR
Amplifier	Tonscend	TAP00903040	XAW01-41-01	2019-11-18	2020-11-17
Amplifier	Tonscend	TAP01018048	XAW01-41-02	2019-11-18	2020-11-17
Amplifier	Tonscend	TAP18040048	XAW01-41-03	2018-12-10	2019-12-09
				2019-12-03	2020-12-02
Amplifier	Shanghai Steed	YX28980930	XAW01-41-06	2019-11-18	2020-11-17
Temperature and humidity meter	MingGao	TH101B	XAW01-01-01	2018-12-16	2019-12-15
				2019-12-06	2020-12-05
Measurement Software	Tonscend	TS+ RSE V3.0.0.2	XAW02-05-01	NCR	NCR

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7 Photographs

Refer to Appendix A - Photographs of Set-up for ZR/2019/B0024.

The End

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