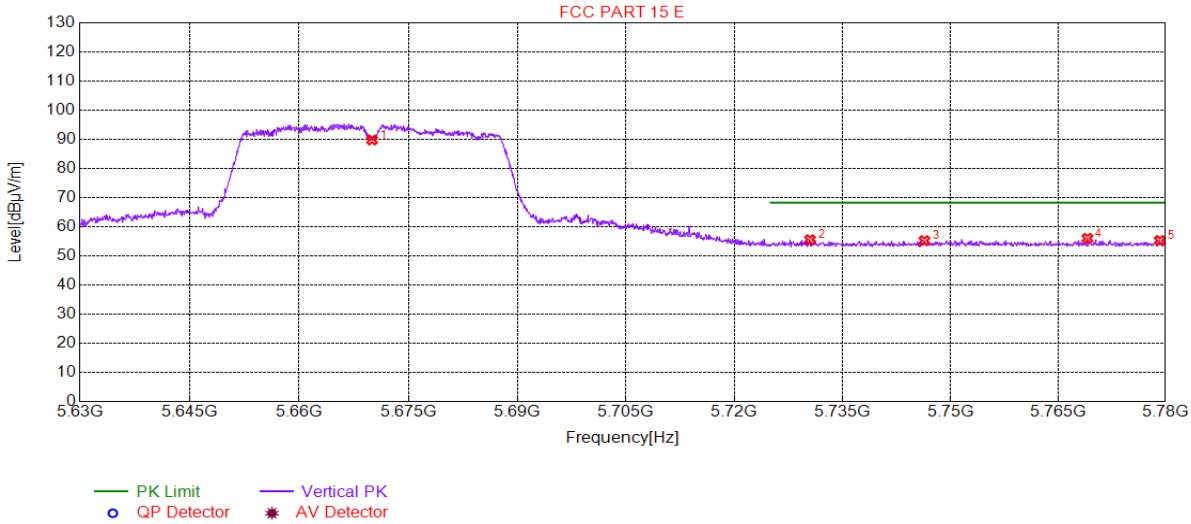
4.10.1.48 802.11N40_Channel 134

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5670.00	89.79	18.24	0.00	-89.79	200	315	Vertical
2	5730.47	55.61	18.50	68.30	12.69	100	282	Vertical
3	5746.38	55.29	18.43	68.30	13.01	300	295	Vertical
4	5769.11	56.08	18.41	68.30	12.22	100	274	Vertical
5	5779.24	55.32	18.34	68.30	12.98	100	73	Vertical

Final Data List

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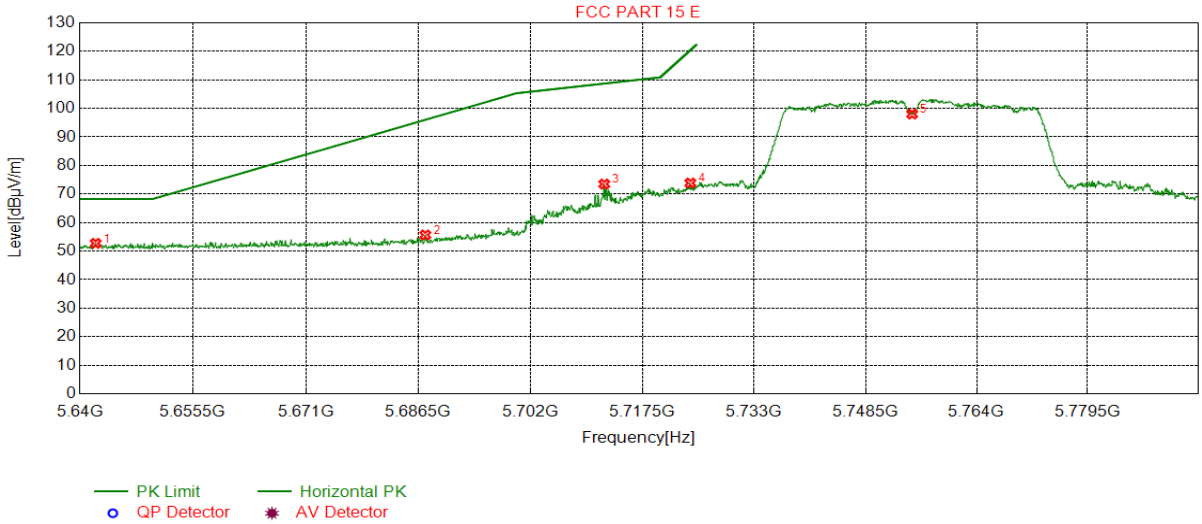
4.10.1.49 802.11N40_Channel 151

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5642.17	52.73	18.06	68.30	15.57	100	0	Horizontal
2	5687.45	55.67	18.16	96.02	40.35	300	248	Horizontal
3	5712.18	73.51	18.51	108.71	35.20	400	261	Horizontal
4	5724.12	73.86	18.33	120.32	46.46	100	220	Horizontal
5	5755.00	98.03	18.39	0.00	-98.03	300	220	Horizontal

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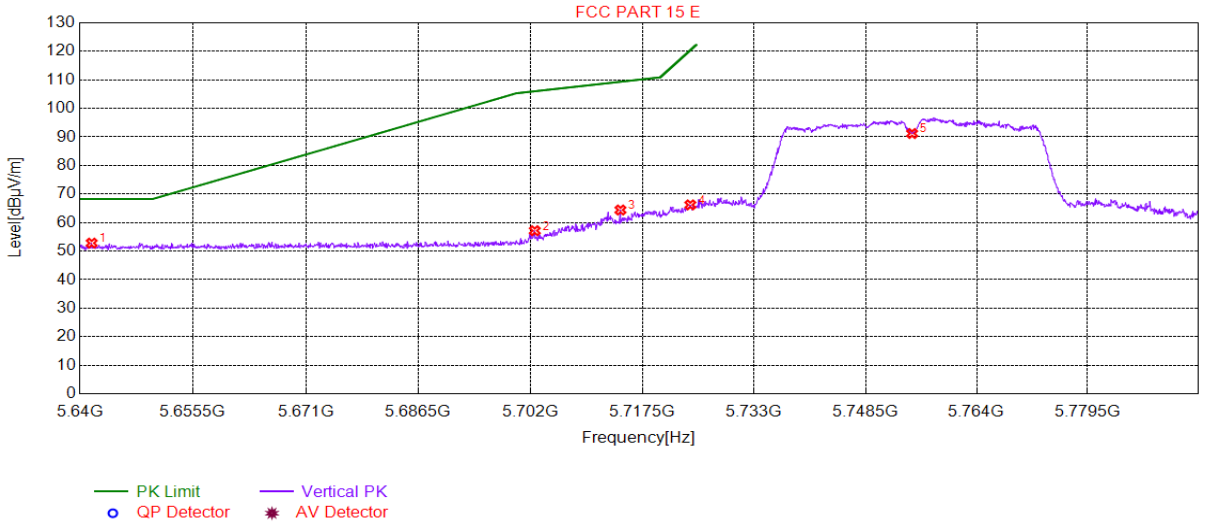
4.10.1.50 802.11N40_Channel 151

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5641.62	52.82	18.07	68.30	15.48	100	203	Vertical
2	5702.57	57.17	18.28	106.02	48.85	200	304	Vertical
3	5714.43	64.42	18.51	109.34	44.92	400	275	Vertical
4	5724.12	66.21	18.33	120.32	54.11	300	275	Vertical
5	5755.00	91.21	18.39	0.00	-91.21	200	304	Vertical

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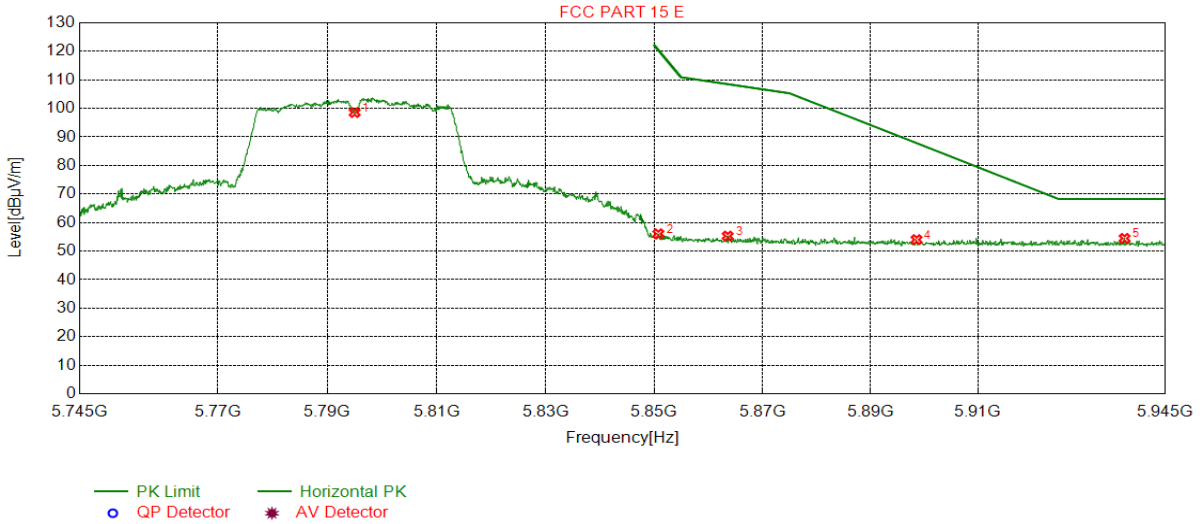
4.10.1.51 802.11N40_Channel 159

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5795.00	98.57	18.58	0.00	-98.57	100	220	Horizontal
2	5850.75	56.08	18.76	120.58	64.50	200	220	Horizontal
3	5863.55	55.29	18.75	108.50	53.21	200	328	Horizontal
4	5898.57	54.03	18.73	87.85	33.82	300	328	Horizontal
5	5937.39	54.47	18.92	68.30	13.83	100	0	Horizontal

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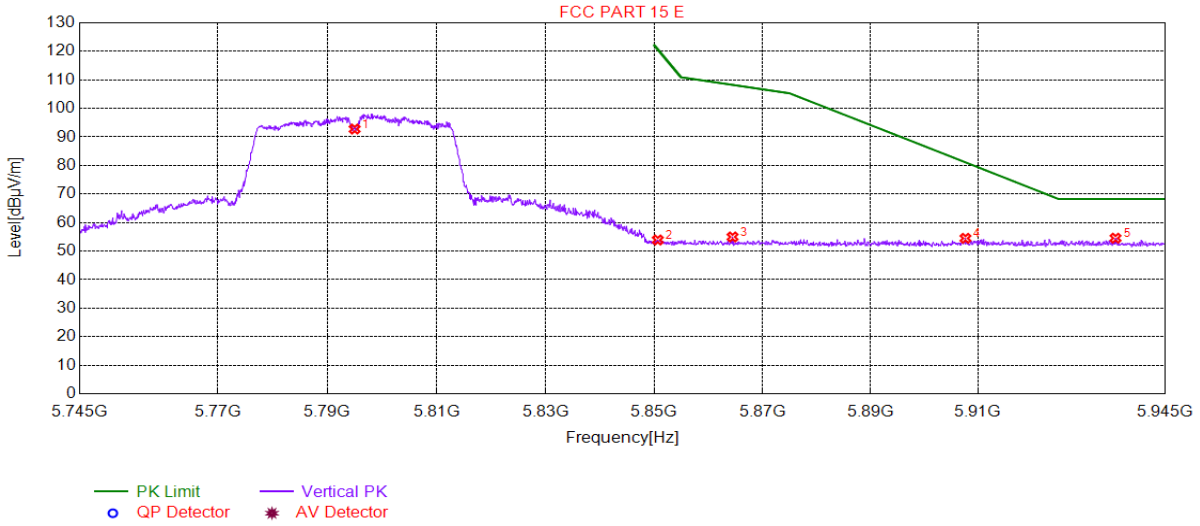
4.10.1.52 802.11N40_Channel 159

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5795.00	92.78	18.58	0.00	-92.78	100	304	Vertical
2	5850.65	53.92	18.76	120.81	66.89	200	272	Vertical
3	5864.45	54.98	18.80	108.25	53.27	100	288	Vertical
4	5907.68	54.50	19.15	81.12	26.62	300	288	Vertical
5	5935.69	54.55	19.02	68.30	13.75	100	210	Vertical

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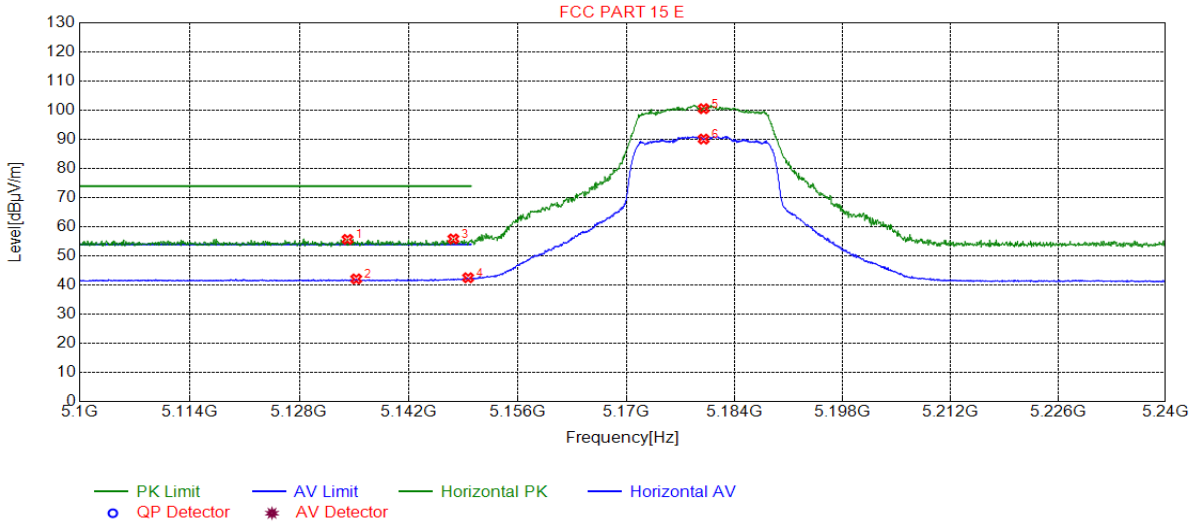
4.10.1.53 802.11AC20_Channel 36

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5134.17	55.70	19.40	74.00	18.30	100	101	Horizontal
2	5135.29	42.14	19.41	54.00	11.86	200	214	Horizontal
3	5147.76	55.87	19.33	74.00	18.13	300	229	Horizontal
4	5149.65	42.55	19.33	54.00	11.45	100	229	Horizontal
5	5180.00	100.54	19.19	0.00	-100.54	100	229	Horizontal
6	5180.00	90.12	19.19	0.00	-90.12	300	229	Horizontal

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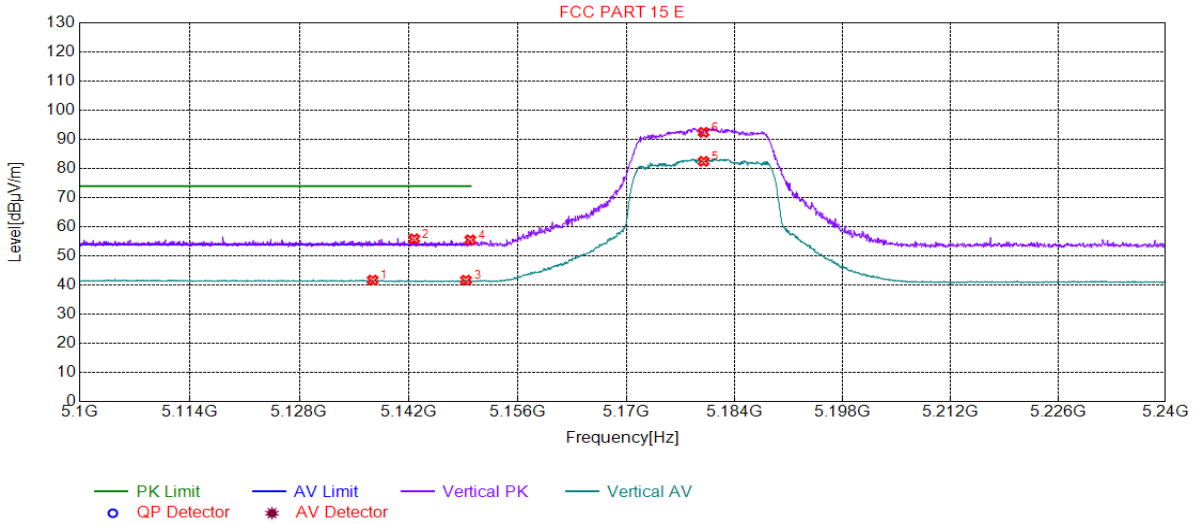
4.10.1.54 802.11AC20_Channel 36

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5137.39	41.75	19.38	54.00	12.25	100	225	Vertical
2	5142.72	55.90	19.33	74.00	18.10	200	339	Vertical
3	5149.37	41.72	19.33	54.00	12.28	100	211	Vertical
4	5149.93	55.54	19.33	74.00	18.46	300	66	Vertical
5	5180.00	82.48	19.19	0.00	-82.48	100	282	Vertical
6	5180.00	92.43	19.19	0.00	-92.43	200	278	Vertical

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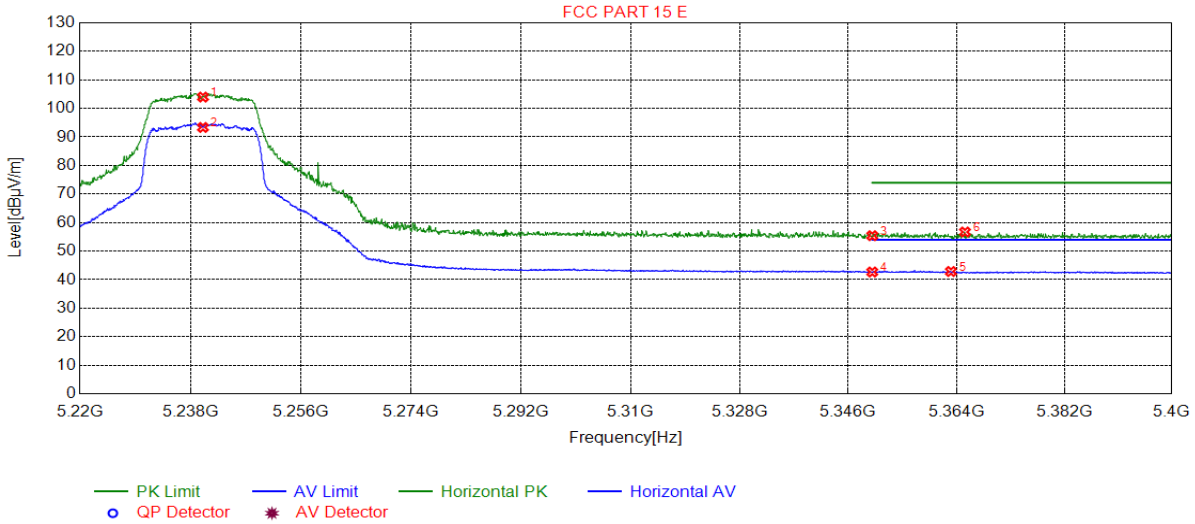
4.10.1.55 802.11AC20_Channel 48

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5240.00	103.97	18.80	0.00	-103.97	200	230	Horizontal
2	5240.00	93.34	18.80	0.00	-93.34	100	230	Horizontal
3	5350.00	55.42	18.54	74.00	18.58	100	117	Horizontal
4	5350.00	42.69	18.54	54.00	11.31	200	158	Horizontal
5	5363.08	42.88	18.49	54.00	11.12	300	264	Horizontal
6	5365.42	56.71	18.43	74.00	17.29	100	16	Horizontal

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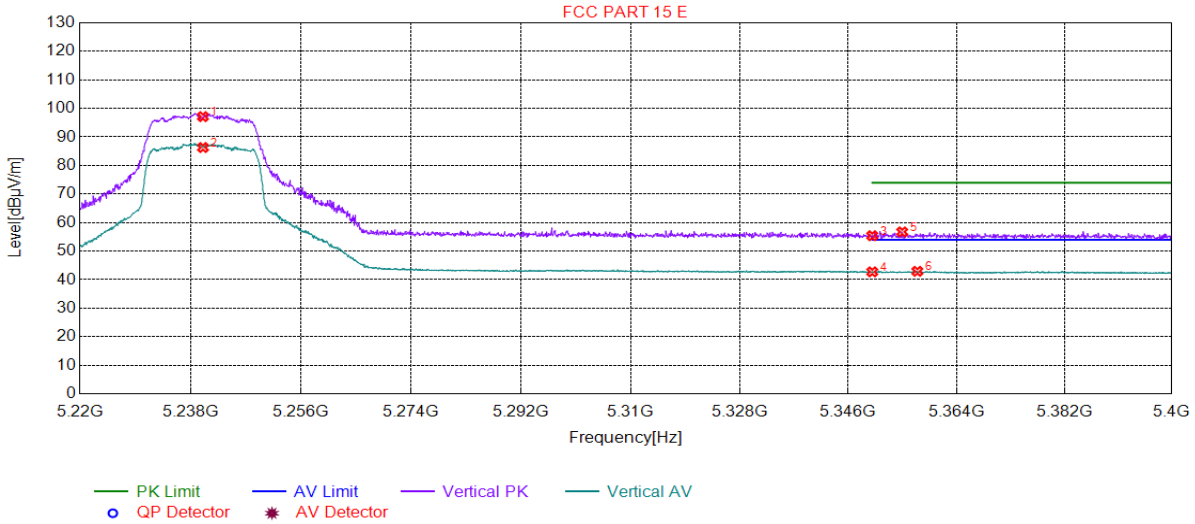
4.10.1.56 802.11AC20_Channel 48

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5240.00	97.12	18.80	0.00	-97.12	200	280	Vertical
2	5240.00	86.31	18.80	0.00	-86.31	100	280	Vertical
3	5350.00	55.41	18.54	74.00	18.59	100	56	Vertical
4	5350.00	42.75	18.54	54.00	11.25	300	264	Vertical
5	5354.97	56.75	18.55	74.00	17.25	200	192	Vertical
6	5357.49	42.94	18.57	54.00	11.06	100	14	Vertical

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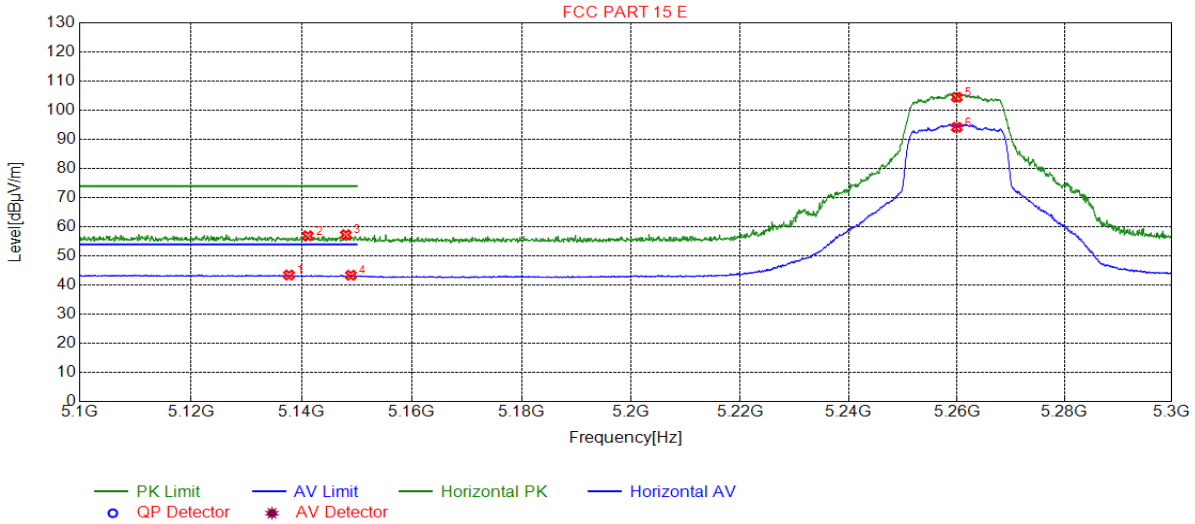
4.10.1.57 802.11AC20_Channel 52

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5137.71	43.48	19.37	54.00	10.52	300	237	Horizontal
2	5141.12	56.93	19.34	74.00	17.07	100	348	Horizontal
3	5148.02	57.30	19.33	74.00	16.70	100	332	Horizontal
4	5148.92	43.40	19.33	54.00	10.60	200	28	Horizontal
5	5260.00	104.46	18.84	0.00	-104.46	100	221	Horizontal
6	5260.00	94.16	18.84	0.00	-94.16	100	228	Horizontal

Final Data List

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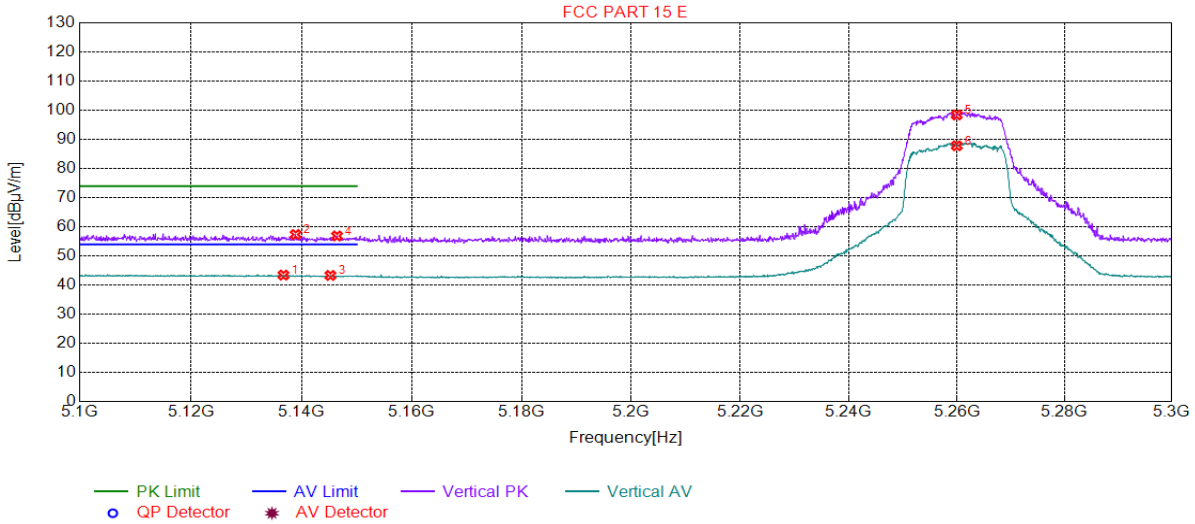
4.10.1.58 802.11AC20_Channel 52

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5136.71	43.46	19.39	54.00	10.54	100	210	Vertical
2	5138.91	57.38	19.36	74.00	16.62	200	230	Vertical
3	5145.22	43.34	19.32	54.00	10.66	100	324	Vertical
4	5146.42	56.89	19.32	74.00	17.11	200	141	Vertical
5	5260.00	98.39	18.84	0.00	-98.39	100	289	Vertical
6	5260.00	87.82	18.84	0.00	-87.82	200	281	Vertical

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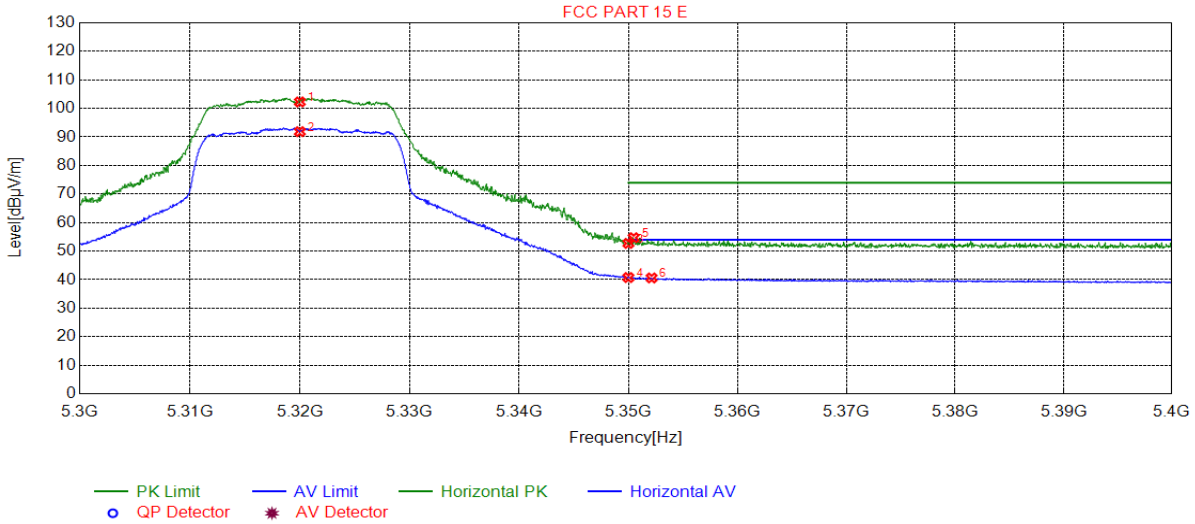
4.10.1.59 802.11AC20_Channel 64

Test Graph



Suspected List

Suspected List								
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1	5320.00	102.28	18.58	0.00	-102.28	100	225	Horizontal
2	5320.00	91.86	18.58	0.00	-91.86	100	225	Horizontal
3	5350.00	52.72	18.54	74.00	21.28	200	198	Horizontal
4	5350.00	40.76	18.54	54.00	13.24	300	234	Horizontal
5	5350.47	54.71	18.54	74.00	19.29	100	314	Horizontal
6	5352.12	40.61	18.54	54.00	13.39	200	225	Horizontal

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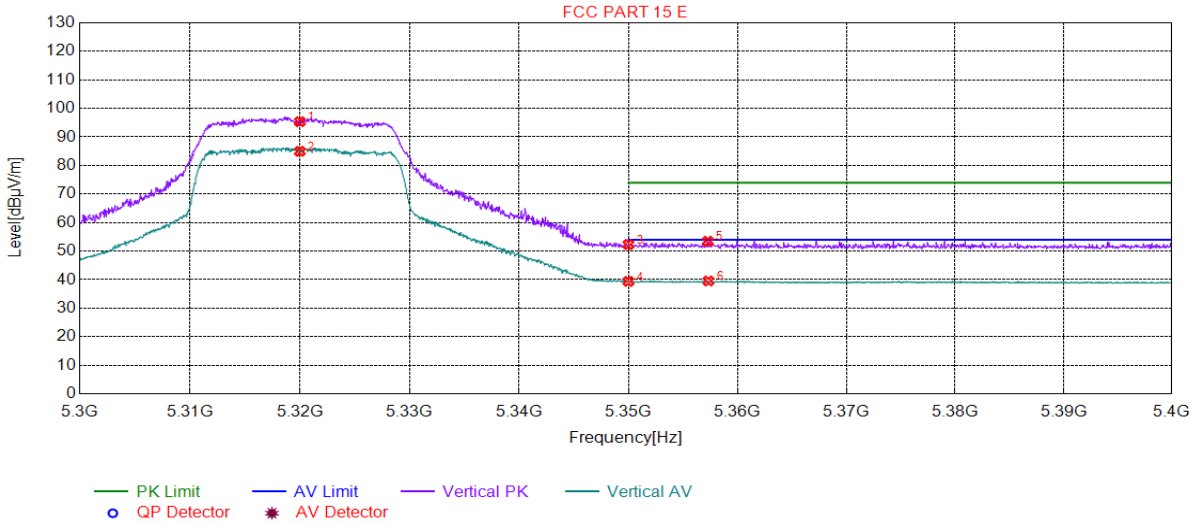
4.10.1.60 802.11AC20_Channel 64

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5320.00	95.35	18.58	0.00	-95.35	300	278	Vertical
2	5320.00	84.97	18.58	0.00	-84.97	200	278	Vertical
3	5350.00	52.32	18.54	74.00	21.68	100	201	Vertical
4	5350.00	39.41	18.54	54.00	14.59	200	54	Vertical
5	5357.27	53.48	18.57	74.00	20.52	300	136	Vertical
6	5357.32	39.56	18.57	54.00	14.44	100	240	Vertical

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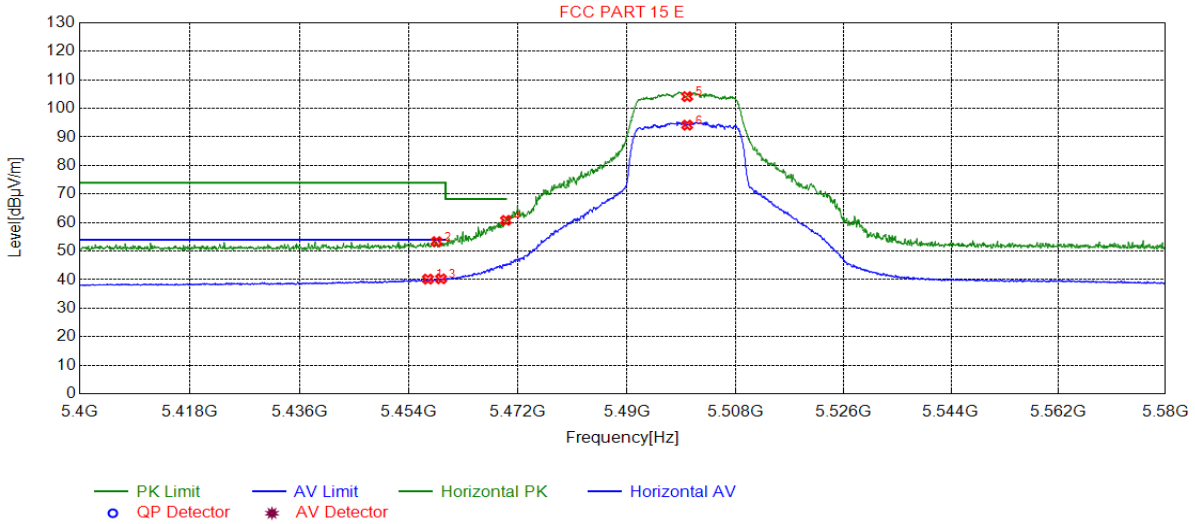
4.10.1.61 802.11AC20_Channel 100

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5457.08	40.21	18.09	54.00	13.79	100	224	Horizontal
2	5458.52	53.33	18.11	74.00	20.67	200	208	Horizontal
3	5459.24	40.32	18.12	54.00	13.68	100	220	Horizontal
4	5469.96	60.79	18.20	68.30	7.51	300	224	Horizontal
5	5500.00	104.14	18.24	0.00	-104.14	100	216	Horizontal
6	5500.00	94.14	18.24	0.00	-94.14	100	220	Horizontal

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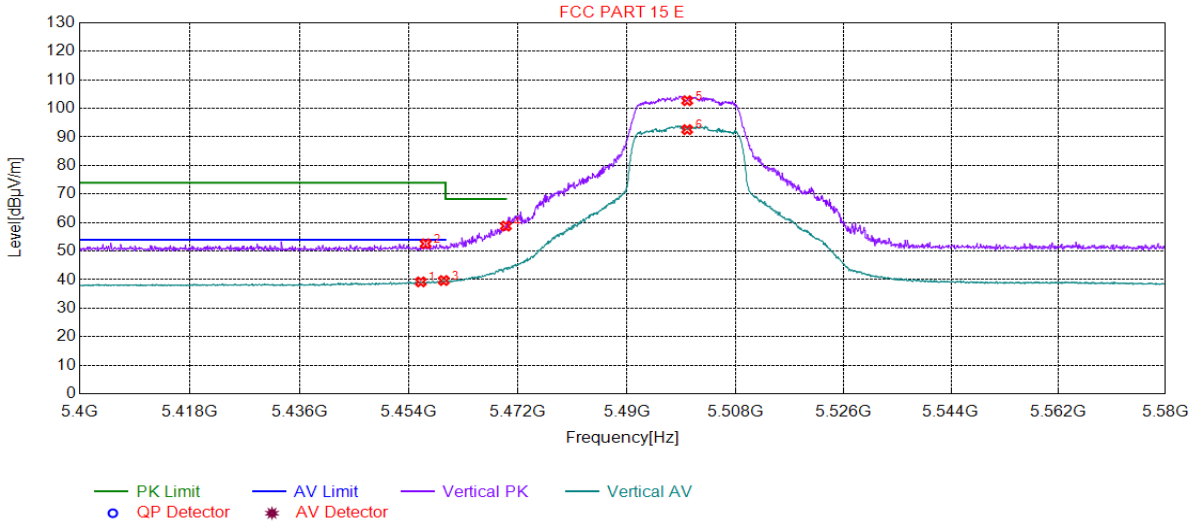
4.10.1.62 802.11AC20_Channel 100

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5455.91	39.24	18.07	54.00	14.76	300	186	Vertical
2	5456.72	52.60	18.08	74.00	21.40	400	173	Vertical
3	5459.69	39.72	18.12	54.00	14.28	300	176	Vertical
4	5469.96	58.78	18.20	68.30	9.52	100	176	Vertical
5	5500.00	102.71	18.24	0.00	-102.71	300	182	Vertical
6	5500.00	92.56	18.24	0.00	-92.56	200	182	Vertical

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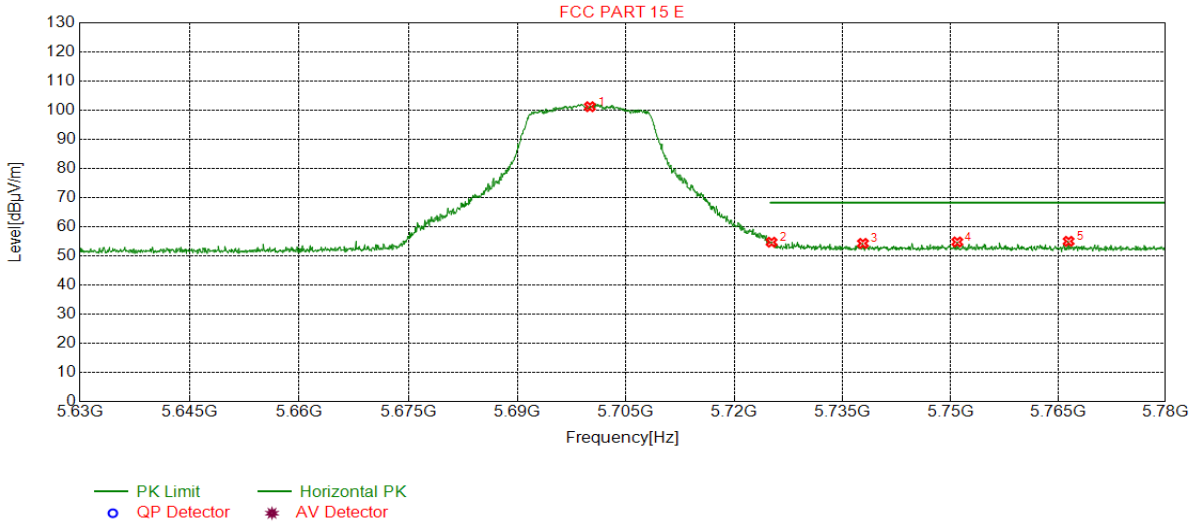
4.10.1.63 802.11AC20_Channel 140

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5700.00	101.22	18.24	0.00	-101.22	100	210	Horizontal
2	5725.14	54.74	18.33	68.30	13.56	300	0	Horizontal
3	5737.82	54.33	18.35	68.30	13.97	100	304	Horizontal
4	5750.96	54.83	18.57	68.30	13.47	100	286	Horizontal
5	5766.49	55.06	18.37	68.30	13.24	200	204	Horizontal

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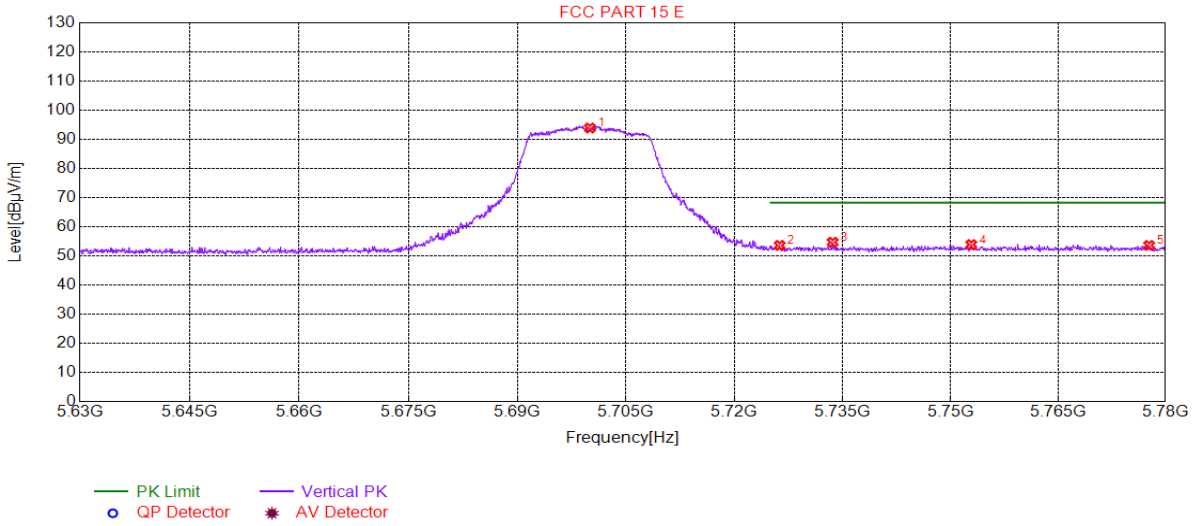
4.10.1.64 802.11AC20_Channel 140

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5700.00	93.91	18.24	0.00	-93.91	100	261	Vertical
2	5726.27	53.65	18.37	68.30	14.65	200	226	Vertical
3	5733.62	54.74	18.43	68.30	13.56	100	183	Vertical
4	5752.91	53.93	18.48	68.30	14.37	400	121	Vertical
5	5777.74	53.64	18.33	68.30	14.66	100	146	Vertical

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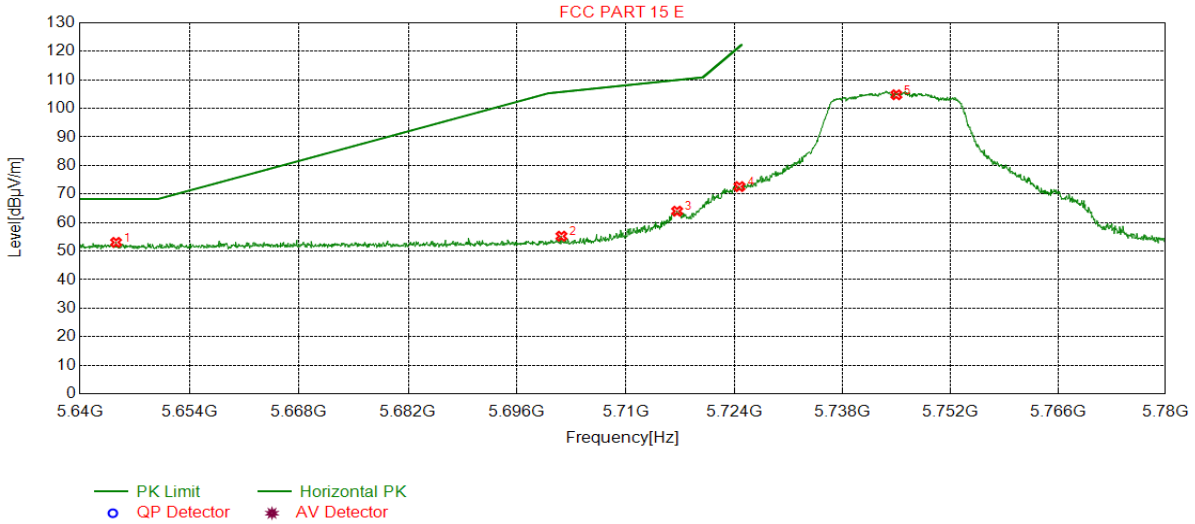
4.10.1.65 802.11AC20_Channel 149

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5644.62	53.08	18.01	68.30	15.22	100	13	Horizontal
2	5701.70	55.25	18.27	105.78	50.53	200	202	Horizontal
3	5716.61	64.01	18.45	109.95	45.94	100	196	Horizontal
4	5724.67	72.61	18.33	121.55	48.94	300	208	Horizontal
5	5745.00	104.79	18.37	0.00	-104.79	100	208	Horizontal

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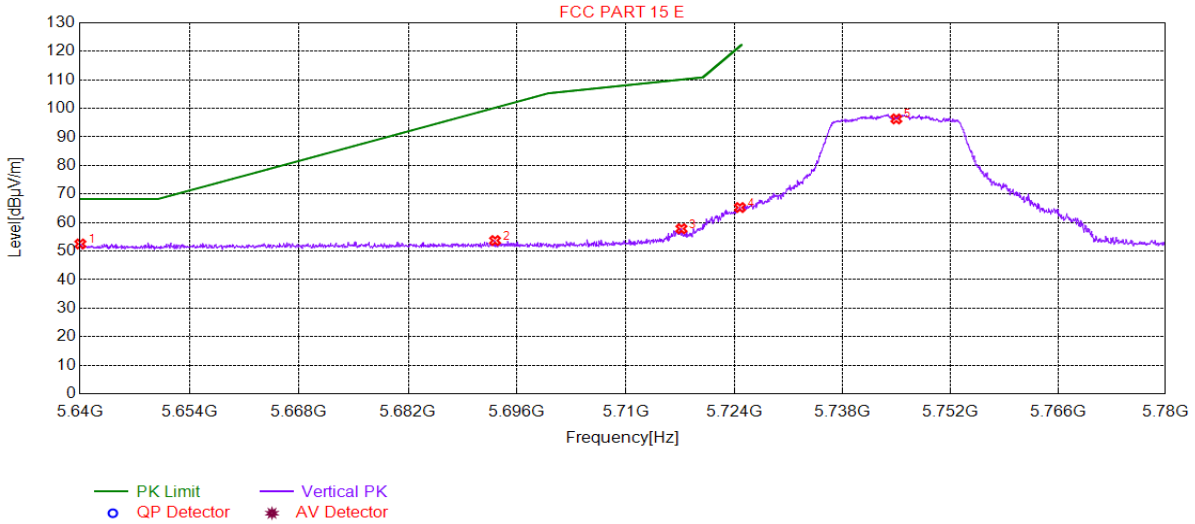
4.10.1.66 802.11AC20_Channel 149

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5640.07	52.52	18.10	68.30	15.78	100	123	Vertical
2	5693.15	53.72	18.28	100.24	46.52	200	128	Vertical
3	5717.17	57.86	18.43	110.11	52.25	300	308	Vertical
4	5724.74	65.28	18.32	121.71	56.43	100	261	Vertical
5	5745.00	96.32	18.37	0.00	-96.32	200	261	Vertical

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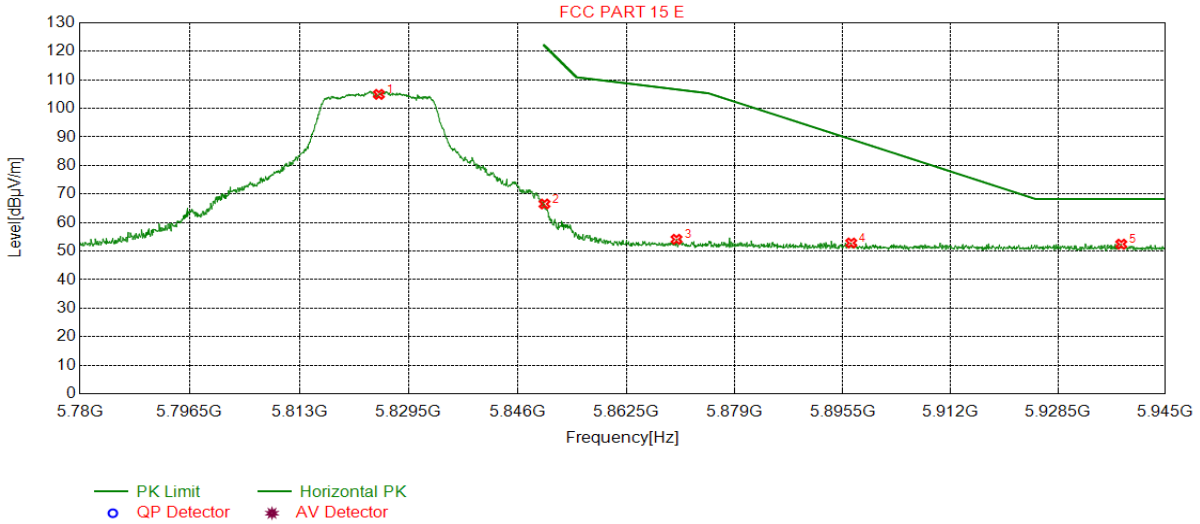
4.10.1.67 802.11AC20_Channel 165

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5825.00	104.91	18.80	0.00	-104.91	200	213	Horizontal
2	5850.07	66.53	18.78	122.12	55.59	100	335	Horizontal
3	5870.13	54.15	18.91	106.66	52.51	100	189	Horizontal
4	5896.79	52.85	18.81	89.17	36.32	200	335	Horizontal
5	5938.23	52.45	18.88	68.30	15.85	100	277	Horizontal

Final Data List

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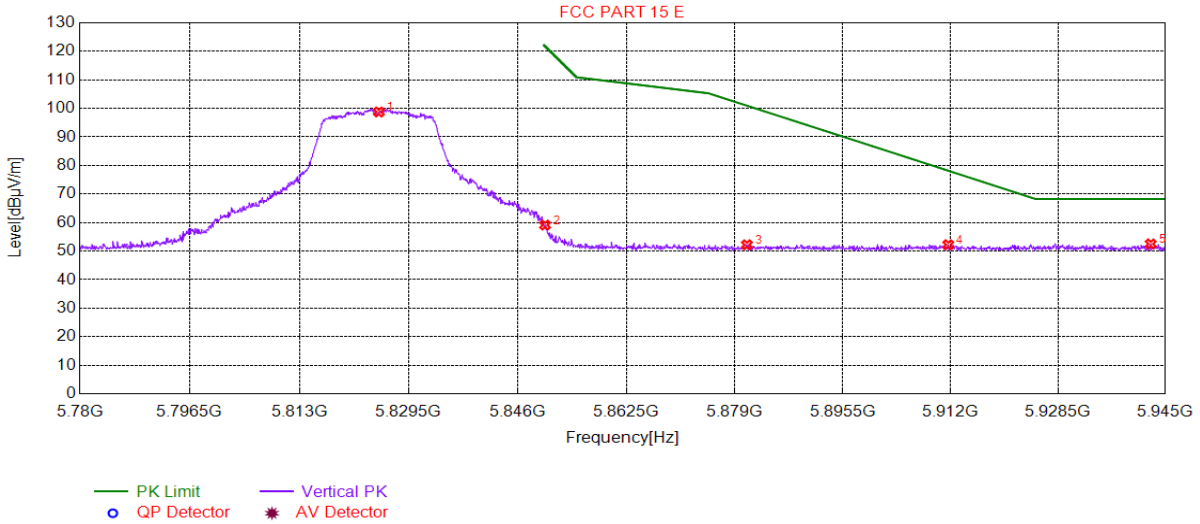
4.10.1.68 802.11AC20_Channel 165

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5825.00	98.75	18.80	0.00	-98.75	200	67	Vertical
2	5850.16	59.15	18.77	121.94	62.79	100	182	Vertical
3	5880.86	52.23	18.66	100.96	48.73	300	296	Vertical
4	5911.65	52.27	19.24	78.18	25.91	100	223	Vertical
5	5942.77	52.53	18.86	68.30	15.77	100	253	Vertical

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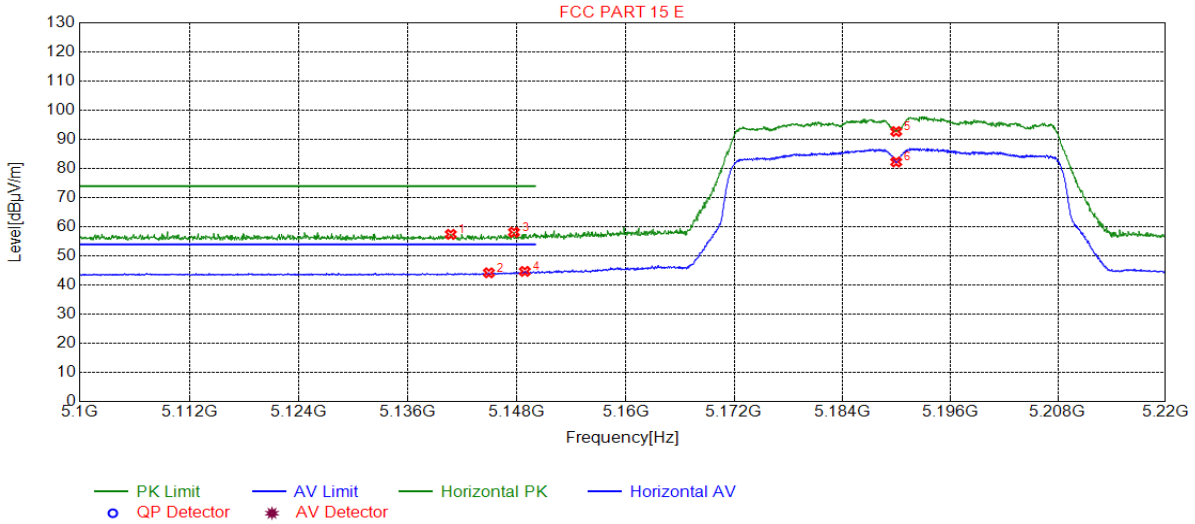
4.10.1.69 802.11AC40_Channel 38

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5140.70	57.43	19.34	74.00	16.57	200	187	Horizontal
2	5144.90	44.24	19.32	54.00	9.76	100	227	Horizontal
3	5147.66	58.15	19.33	74.00	15.85	100	239	Horizontal
4	5148.86	44.73	19.33	54.00	9.27	300	239	Horizontal
5	5190.00	92.69	19.00	0.00	-92.69	100	232	Horizontal
6	5190.00	82.25	19.00	0.00	-82.25	400	232	Horizontal

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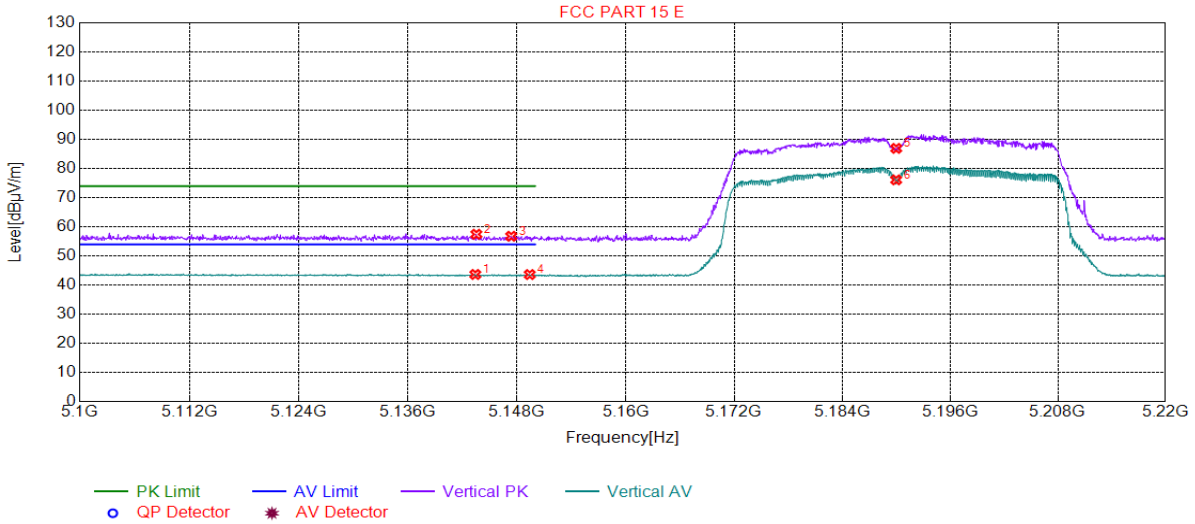
4.10.1.70 802.11AC40_Channel 38

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5143.40	43.68	19.33	54.00	10.32	100	10	Vertical
2	5143.52	57.46	19.33	74.00	16.54	200	174	Vertical
3	5147.36	56.78	19.33	74.00	17.22	300	274	Vertical
4	5149.40	43.65	19.33	54.00	10.35	100	74	Vertical
5	5190.00	86.92	19.00	0.00	-86.92	400	267	Vertical
6	5190.00	76.12	19.00	0.00	-76.12	200	267	Vertical

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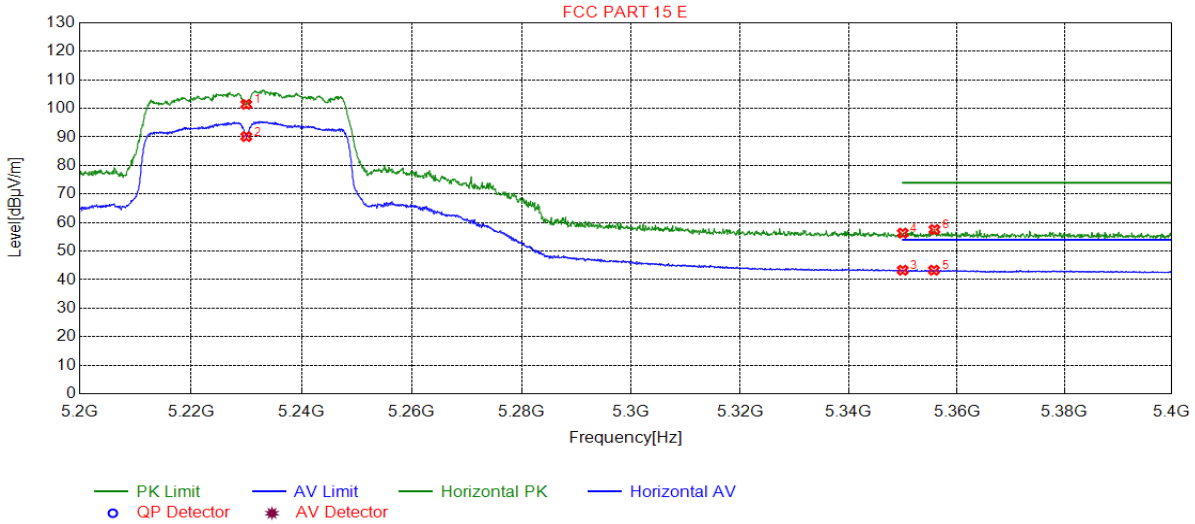
4.10.1.71 802.11AC40_Channel 46

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5230.00	101.44	18.94	0.00	-101.44	200	245	Horizontal
2	5230.00	90.14	18.94	0.00	-90.14	100	245	Horizontal
3	5350.00	43.32	18.54	54.00	10.68	100	229	Horizontal
4	5350.00	56.33	18.54	74.00	17.67	200	24	Horizontal
5	5355.77	43.33	18.56	54.00	10.67	100	234	Horizontal
6	5355.87	57.57	18.56	74.00	16.43	300	229	Horizontal

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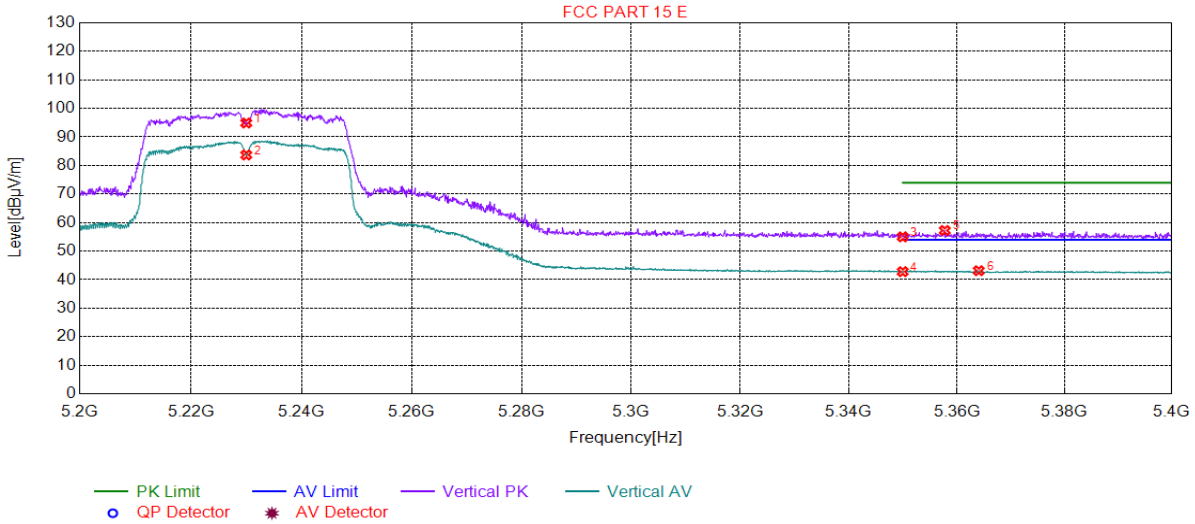
4.10.1.72 802.11AC40_Channel 46

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5230.00	94.90	18.94	0.00	-94.90	200	271	Vertical
2	5230.00	83.70	18.94	0.00	-83.70	300	267	Vertical
3	5350.00	55.02	18.54	74.00	18.98	100	339	Vertical
4	5350.00	42.82	18.54	54.00	11.18	400	210	Vertical
5	5357.77	57.24	18.58	74.00	16.76	200	103	Vertical
6	5364.08	43.15	18.46	54.00	10.85	100	284	Vertical

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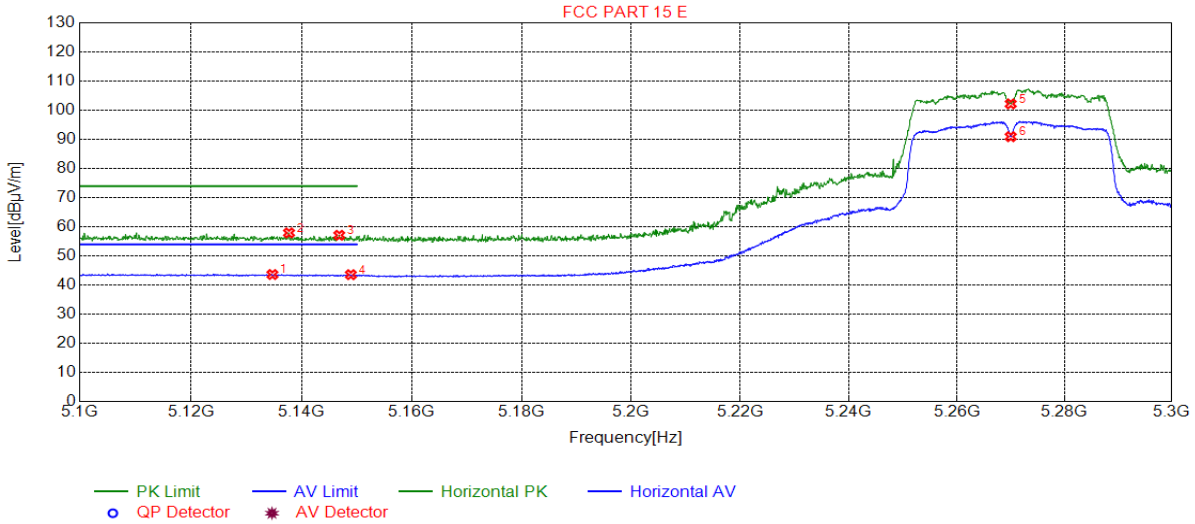
4.10.1.73 802.11AC40_Channel 54

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5134.71	43.66	19.41	54.00	10.34	100	56	Horizontal
2	5137.71	57.93	19.37	74.00	16.07	300	288	Horizontal
3	5146.82	57.12	19.32	74.00	16.88	200	155	Horizontal
4	5148.92	43.60	19.33	54.00	10.40	100	51	Horizontal
5	5270.00	102.19	18.63	0.00	-102.19	300	241	Horizontal
6	5270.00	90.93	18.63	0.00	-90.93	400	231	Horizontal

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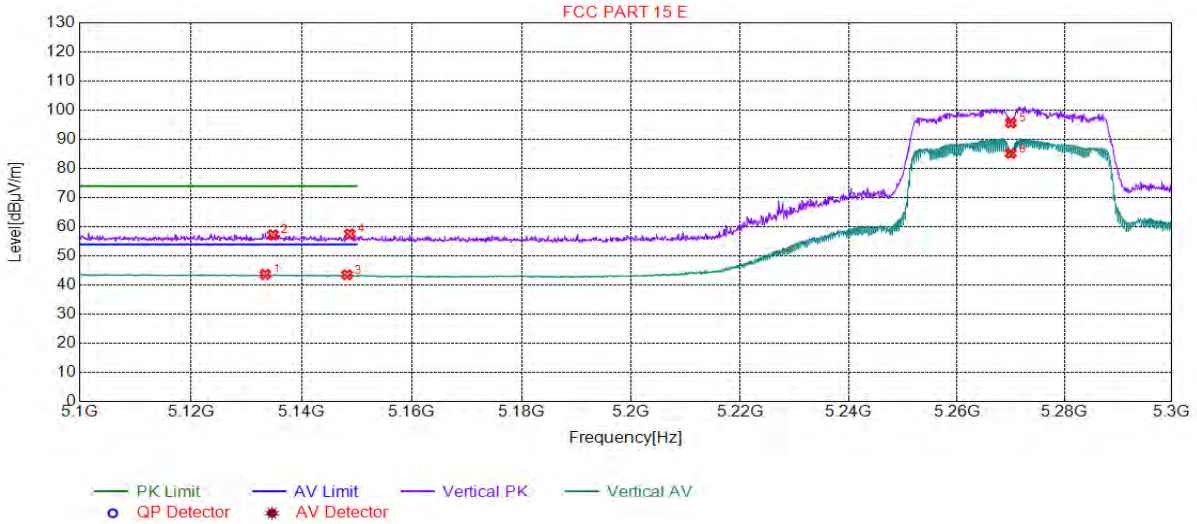
4.10.1.74 802.11AC40_Channel 54

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5133.41	43.68	19.39	54.00	10.32	400	7	Vertical
2	5134.81	57.29	19.41	74.00	16.71	200	68	Vertical
3	5148.22	43.58	19.33	54.00	10.42	300	305	Vertical
4	5148.72	57.60	19.33	74.00	16.40	200	121	Vertical
5	5270.00	95.66	18.63	0.00	-95.66	100	265	Vertical
6	5270.00	85.21	18.63	0.00	-85.21	100	265	Vertical

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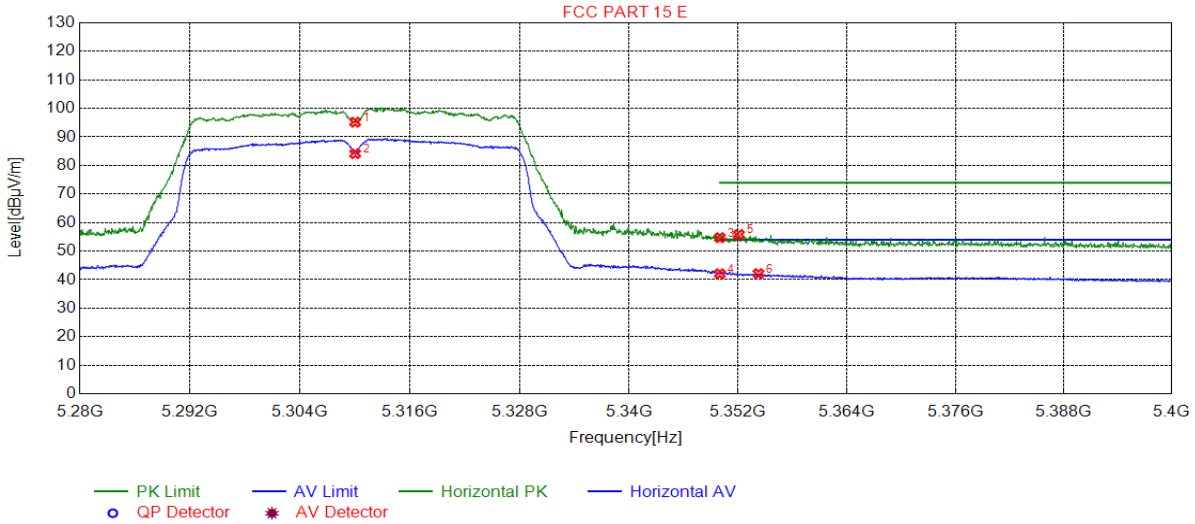
4.10.1.75 802.11AC40_Channel 62

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5310.00	95.17	18.57	0.00	-95.17	200	229	Horizontal
2	5310.00	84.15	18.57	0.00	-84.15	100	229	Horizontal
3	5350.00	54.73	18.54	74.00	19.27	200	313	Horizontal
4	5350.00	42.08	18.54	54.00	11.92	300	234	Horizontal
5	5352.09	55.83	18.54	74.00	18.17	400	229	Horizontal
6	5354.25	42.12	18.55	54.00	11.88	100	229	Horizontal

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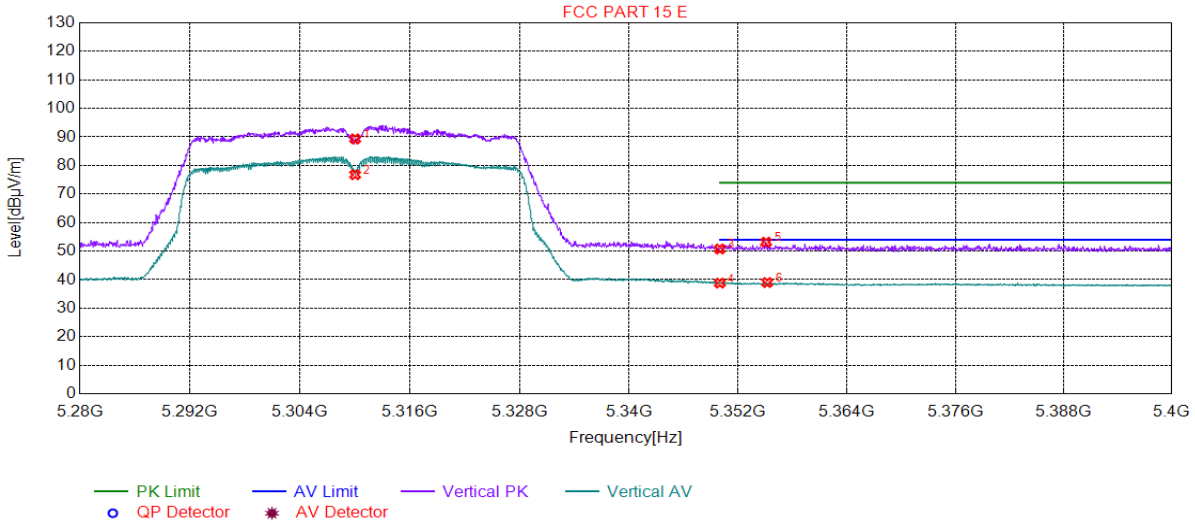
4.10.1.76 802.11AC40_Channel 62

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5310.00	89.33	18.57	0.00	-89.33	200	269	Vertical
2	5310.00	76.78	18.57	0.00	-76.78	100	277	Vertical
3	5350.00	50.75	18.54	74.00	23.25	300	221	Vertical
4	5350.00	38.81	18.54	54.00	15.19	200	269	Vertical
5	5355.09	53.16	18.55	74.00	20.84	400	253	Vertical
6	5355.21	39.00	18.55	54.00	15.00	100	277	Vertical

Final Data List

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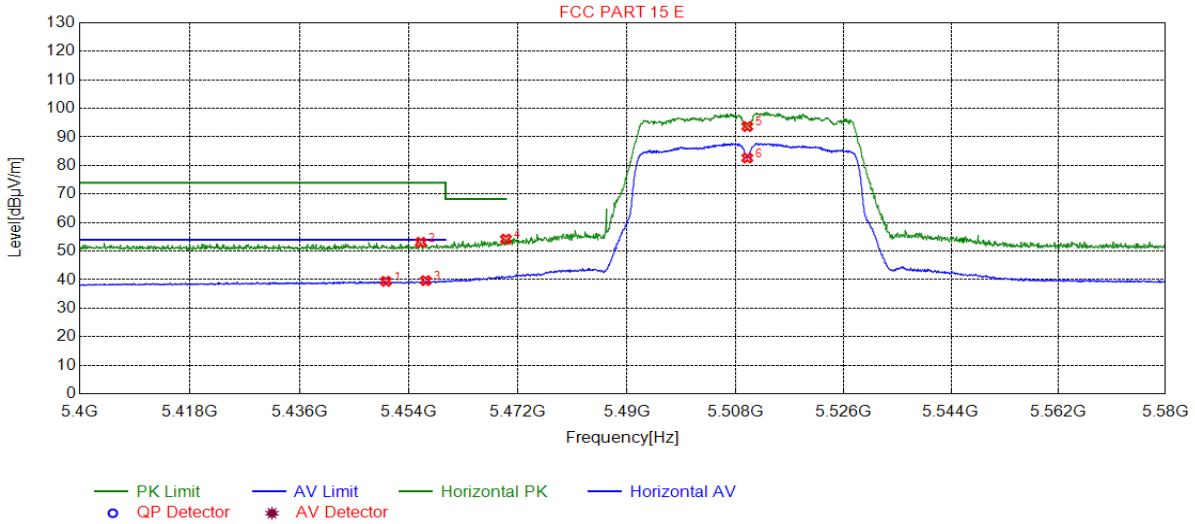
4.10.1.77 802.11AC40_Channel 102

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5450.15	39.43	18.10	54.00	14.57	100	233	Horizontal
2	5455.91	53.09	18.07	74.00	20.91	200	240	Horizontal
3	5456.72	39.67	18.08	54.00	14.33	200	233	Horizontal
4	5469.96	54.22	18.20	68.30	14.08	100	225	Horizontal
5	5510.00	93.69	18.08	0.00	-93.69	300	233	Horizontal
6	5510.00	82.65	18.08	0.00	-82.65	100	233	Horizontal

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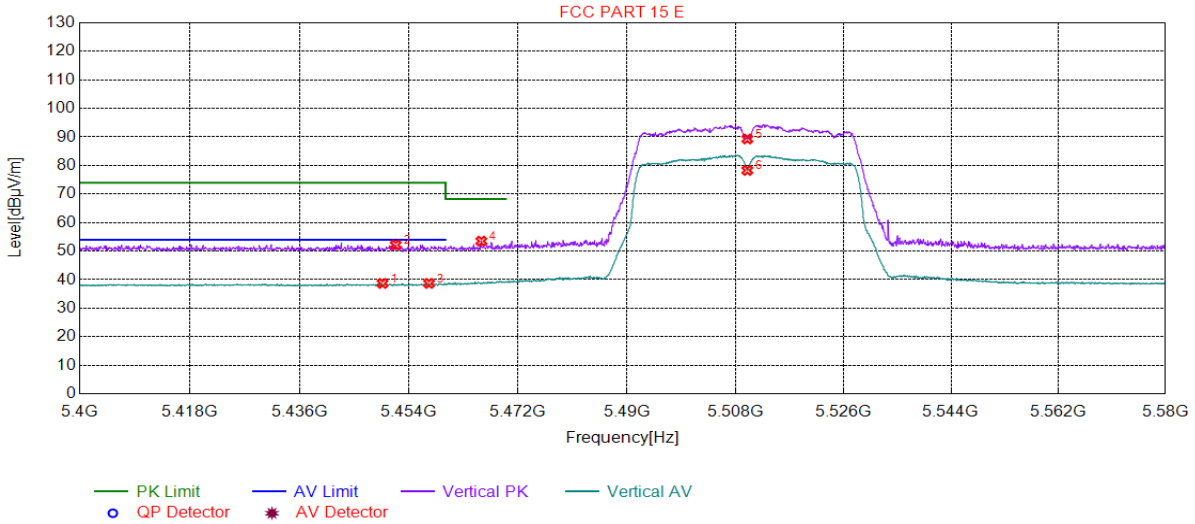
4.10.1.78 802.11AC40_Channel 102

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5449.61	38.71	18.10	54.00	15.29	300	185	Vertical
2	5451.77	52.18	18.09	74.00	21.82	200	335	Vertical
3	5457.26	38.72	18.09	54.00	15.28	200	181	Vertical
4	5465.91	53.51	18.20	68.30	14.79	100	317	Vertical
5	5510.00	89.32	18.08	0.00	-89.32	300	192	Vertical
6	5510.00	78.30	18.08	0.00	-78.30	300	192	Vertical

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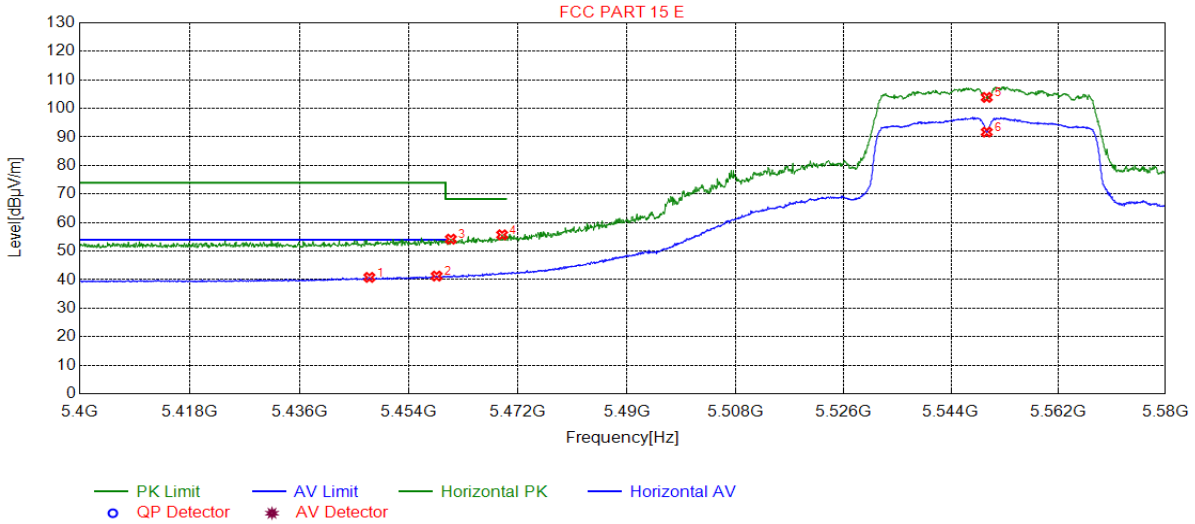
4.10.1.79 802.11AC40_Channel 110

Test Graph



Suspected List

Suspected List								
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1	5447.45	40.81	18.13	54.00	13.19	100	225	Horizontal
2	5458.52	41.28	18.11	54.00	12.72	200	222	Horizontal
3	5460.87	54.21	18.14	68.30	14.09	400	225	Horizontal
4	5469.33	55.73	18.20	68.30	12.57	300	216	Horizontal
5	5550.00	103.87	18.18	0.00	-103.87	100	222	Horizontal
6	5550.00	91.72	18.18	0.00	-91.72	100	231	Horizontal

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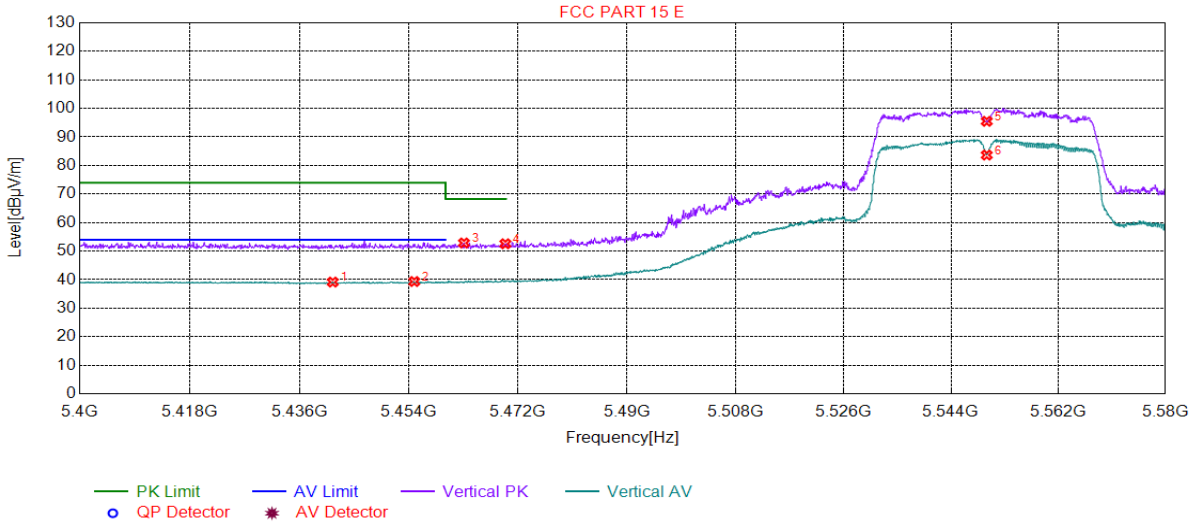
4.10.1.80 802.11AC40_Channel 110

Test Graph



Suspected List

Suspected List								
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1	5441.42	39.17	18.07	54.00	14.83	200	277	Vertical
2	5454.83	39.37	18.06	54.00	14.63	100	297	Vertical
3	5463.03	52.86	18.18	68.30	15.44	300	324	Vertical
4	5469.87	52.59	18.20	68.30	15.71	400	277	Vertical
5	5550.00	95.49	18.18	0.00	-95.49	200	293	Vertical
6	5550.00	83.66	18.18	0.00	-83.66	100	297	Vertical

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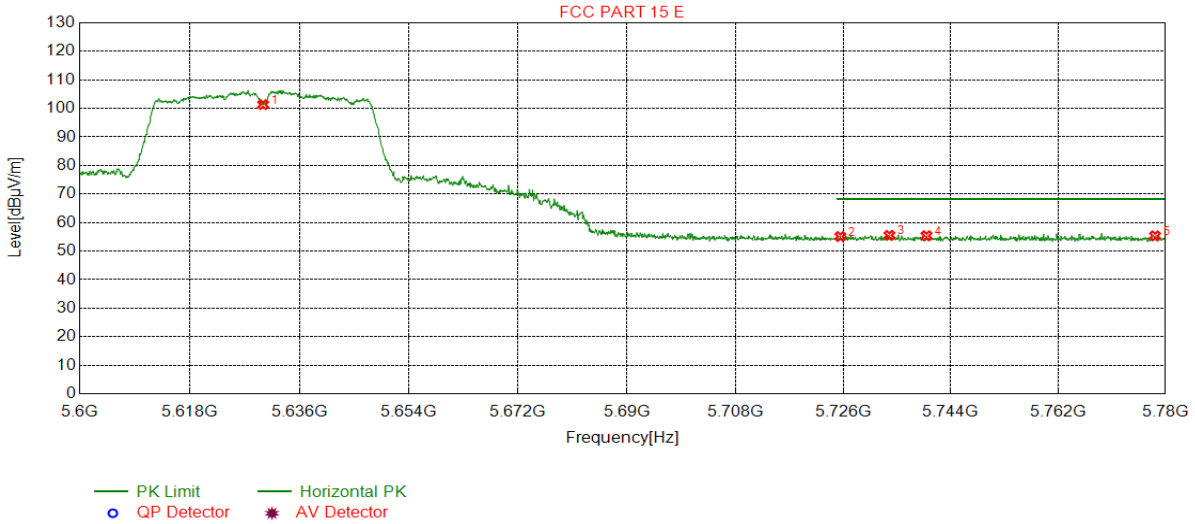
4.10.1.81 802.11AC40_Channel 126

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5630.00	101.35	18.22	0.00	-101.35	100	224	Horizontal
2	5725.52	55.13	18.34	68.30	13.17	100	14	Horizontal
3	5733.71	55.54	18.43	68.30	12.76	200	23	Horizontal
4	5739.93	55.38	18.32	68.30	12.92	200	321	Horizontal
5	5778.28	55.36	18.33	68.30	12.94	100	91	Horizontal

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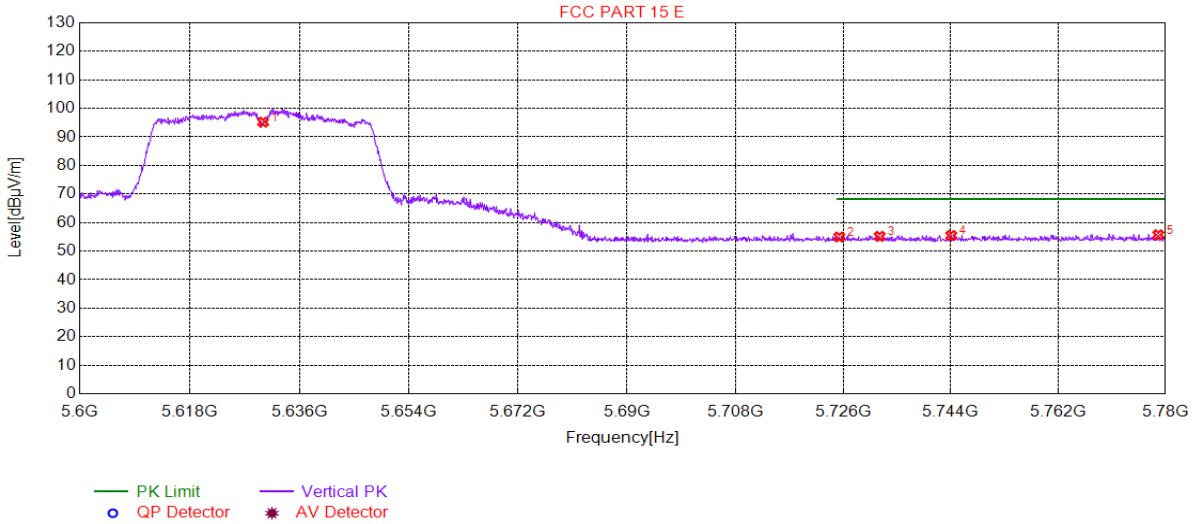
4.10.1.82 802.11AC40_Channel 126

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5630.00	95.20	18.22	0.00	-95.20	200	294	Vertical
2	5725.34	54.96	18.34	68.30	13.34	300	232	Vertical
3	5732.09	55.21	18.46	68.30	13.09	300	254	Vertical
4	5744.07	55.49	18.36	68.30	12.81	100	304	Vertical
5	5778.82	55.75	18.33	68.30	12.55	100	18	Vertical

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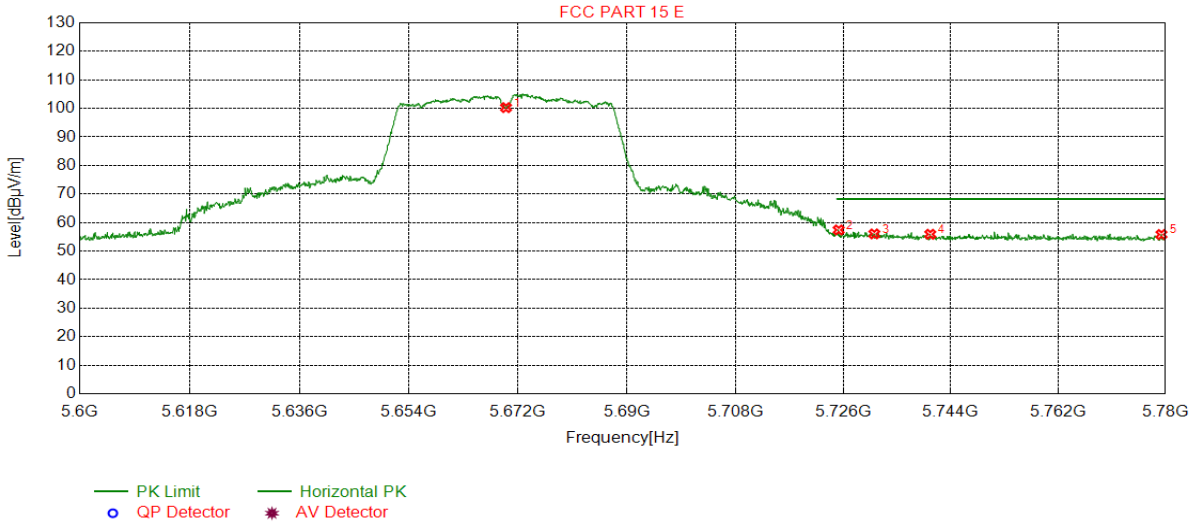
4.10.1.83 802.11AC40_Channel 134

Test Graph



Suspected List

Suspected List								
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1	5670.00	100.28	18.24	0.00	-100.28	200	233	Horizontal
2	5725.25	57.43	18.33	68.30	10.87	100	227	Horizontal
3	5731.19	56.05	18.48	68.30	12.25	200	224	Horizontal
4	5740.56	55.92	18.33	68.30	12.38	100	218	Horizontal
5	5779.36	55.83	18.34	68.30	12.47	300	258	Horizontal

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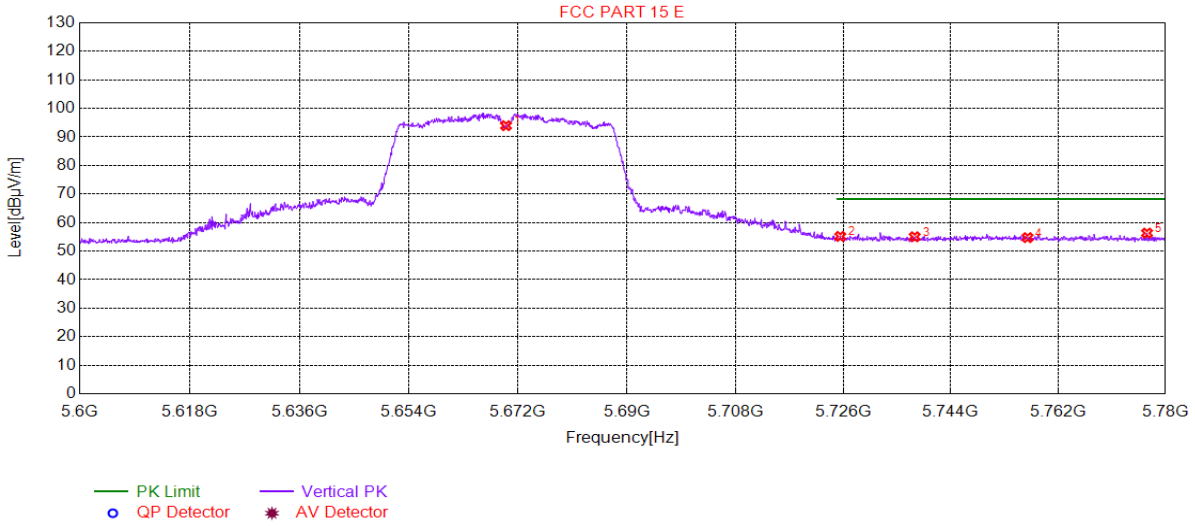
4.10.1.84 802.11AC40_Channel 134

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5670.00	93.95	18.24	0.00	-93.95	100	294	Vertical
2	5725.52	55.17	18.34	68.30	13.13	100	327	Vertical
3	5737.94	55.04	18.35	68.30	13.26	200	132	Vertical
4	5756.85	54.74	18.37	68.30	13.56	100	10	Vertical
5	5776.93	56.33	18.33	68.30	11.97	300	194	Vertical

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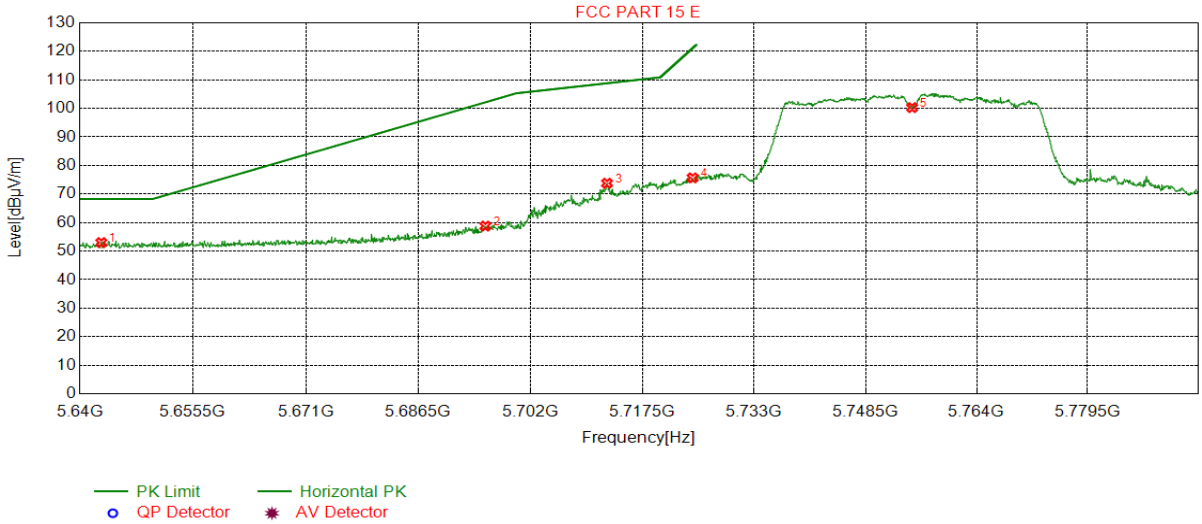
4.10.1.85 802.11AC40_Channel 151

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5642.94	53.00	18.04	68.30	15.30	200	91	Horizontal
2	5695.75	58.78	18.28	102.16	43.38	100	223	Horizontal
3	5712.57	73.79	18.51	108.82	35.03	300	223	Horizontal
4	5724.43	75.68	18.33	121.02	45.34	400	231	Horizontal
5	5755.00	100.29	18.39	0.00	-100.29	100	226	Horizontal

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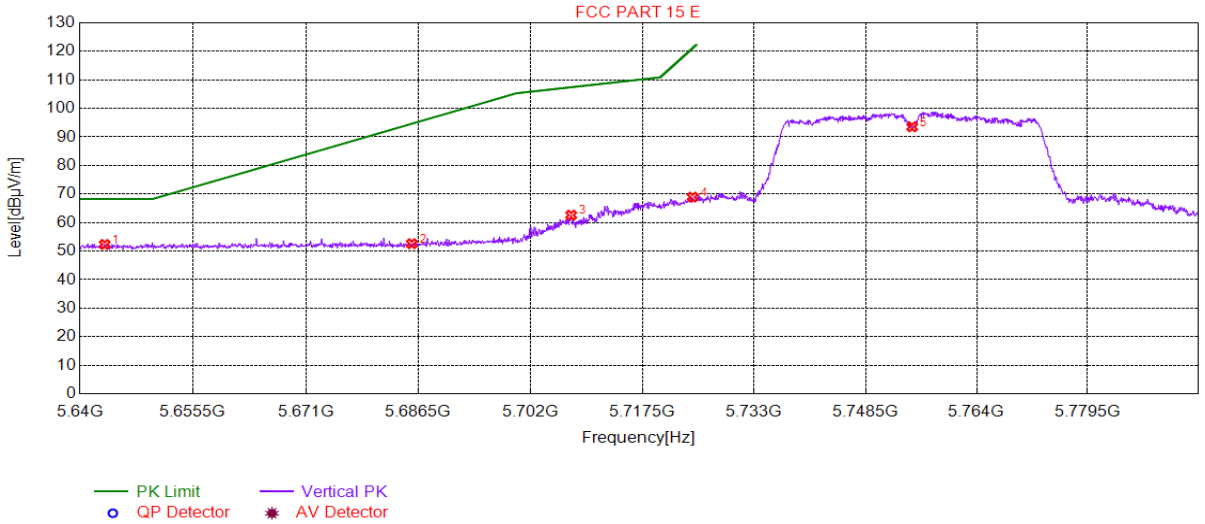
4.10.1.86 802.11AC40_Channel 151

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5643.41	52.35	18.03	68.30	15.95	200	284	Vertical
2	5685.59	52.62	18.10	94.64	42.02	300	320	Vertical
3	5707.61	62.63	18.42	107.43	44.80	100	280	Vertical
4	5724.43	68.94	18.33	121.02	52.08	300	295	Vertical
5	5755.00	93.55	18.39	0.00	-93.55	200	273	Vertical

Final Data List

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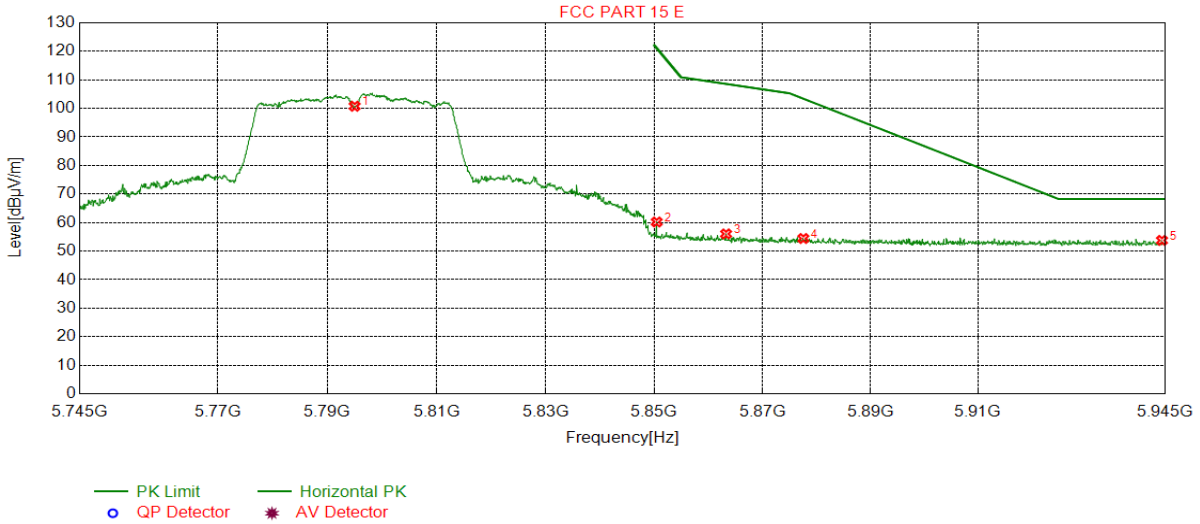
4.10.1.87 802.11AC40_Channel 159

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5795.00	100.77	18.58	0.00	-100.77	200	220	Horizontal
2	5850.45	60.22	18.77	121.27	61.05	300	331	Horizontal
3	5863.25	56.05	18.74	108.59	52.54	200	211	Horizontal
4	5877.56	54.44	18.67	103.40	48.96	100	237	Horizontal
5	5944.39	53.77	18.90	68.30	14.53	100	298	Horizontal

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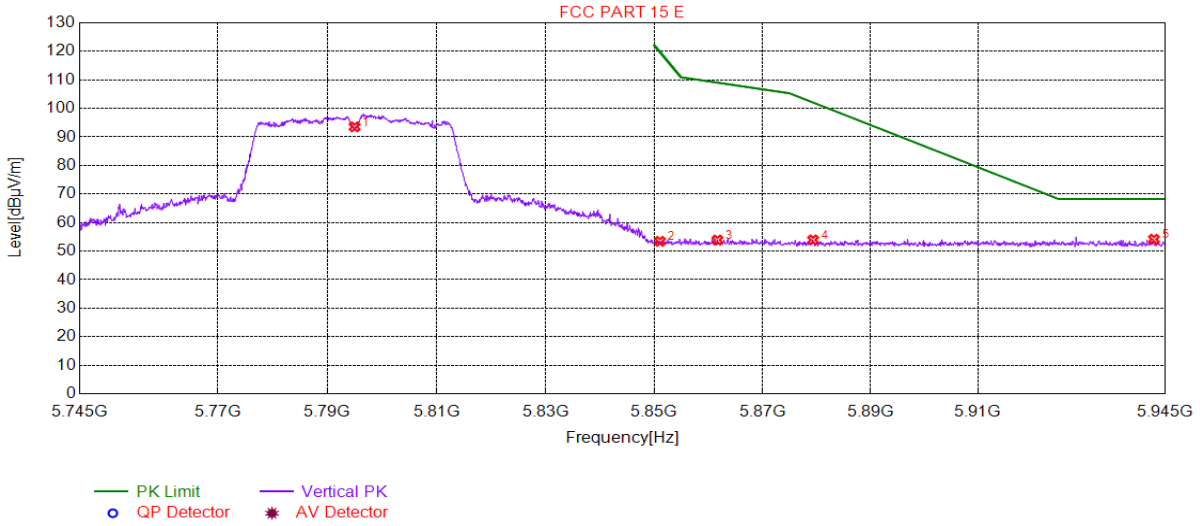
4.10.1.88 802.11AC40_Channel 159

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5795.00	93.55	18.58	0.00	-93.55	300	112	Vertical
2	5851.05	53.45	18.75	119.90	66.45	100	71	Vertical
3	5861.65	53.91	18.66	109.04	55.13	300	309	Vertical
4	5879.36	53.94	18.64	102.07	48.13	200	119	Vertical
5	5942.89	54.18	18.86	68.30	14.12	300	104	Vertical

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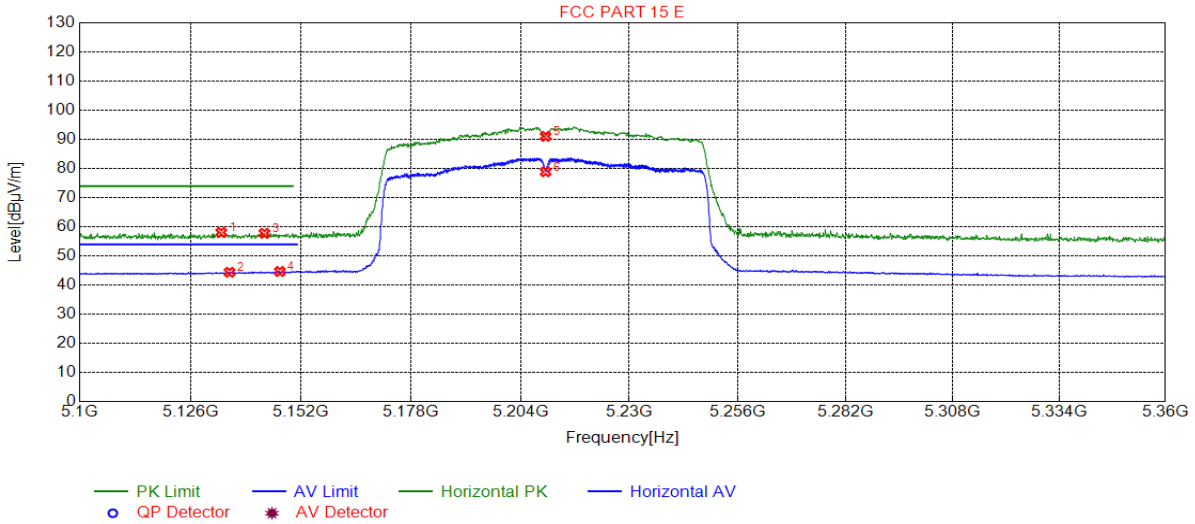
4.10.1.89 802.11AC80_Channel 42

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5133.16	58.10	19.39	74.00	15.90	200	244	Horizontal
2	5135.11	44.43	19.41	54.00	9.57	100	210	Horizontal
3	5143.31	57.79	19.33	74.00	16.21	200	221	Horizontal
4	5146.95	44.70	19.32	54.00	9.30	100	234	Horizontal
5	5210.00	91.05	18.93	0.00	-91.05	300	225	Horizontal
6	5210.00	78.90	18.93	0.00	-78.90	100	221	Horizontal

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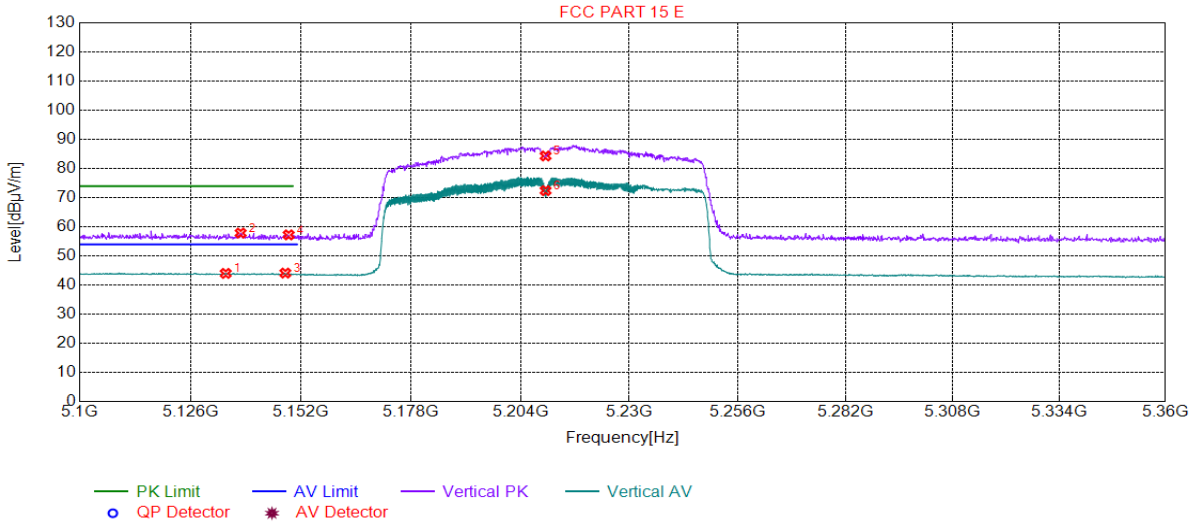
4.10.1.90 802.11AC80_Channel 42

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5134.20	44.04	19.40	54.00	9.96	100	239	Vertical
2	5137.71	57.88	19.37	74.00	16.12	100	0	Vertical
3	5148.25	44.15	19.33	54.00	9.85	200	334	Vertical
4	5149.03	57.25	19.33	74.00	16.75	300	267	Vertical
5	5210.00	84.32	18.93	0.00	-84.32	200	267	Vertical
6	5210.00	72.44	18.93	0.00	-72.44	400	267	Vertical

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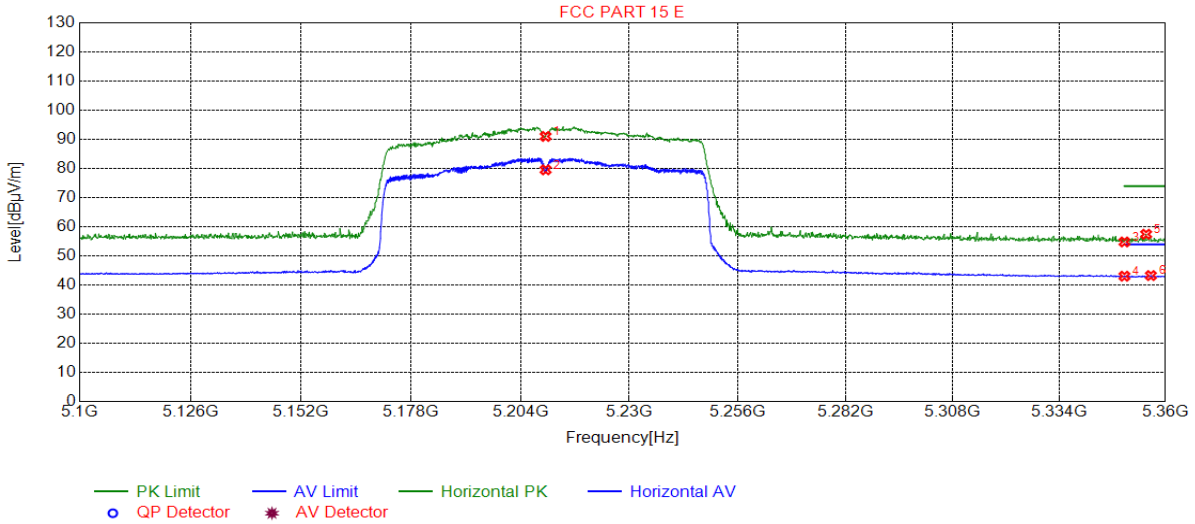
4.10.1.91 802.11AC80_Channel 42

Test Graph



Suspected List

Suspected List								
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1	5210.00	91.02	18.93	0.00	-91.02	200	236	Horizontal
2	5210.00	79.57	18.93	0.00	-79.57	300	236	Horizontal
3	5350.00	54.83	18.54	74.00	19.17	100	92	Horizontal
4	5350.00	43.08	18.54	54.00	10.92	200	236	Horizontal
5	5355.31	57.47	18.55	74.00	16.53	400	316	Horizontal
6	5356.48	43.30	18.56	54.00	10.70	100	223	Horizontal

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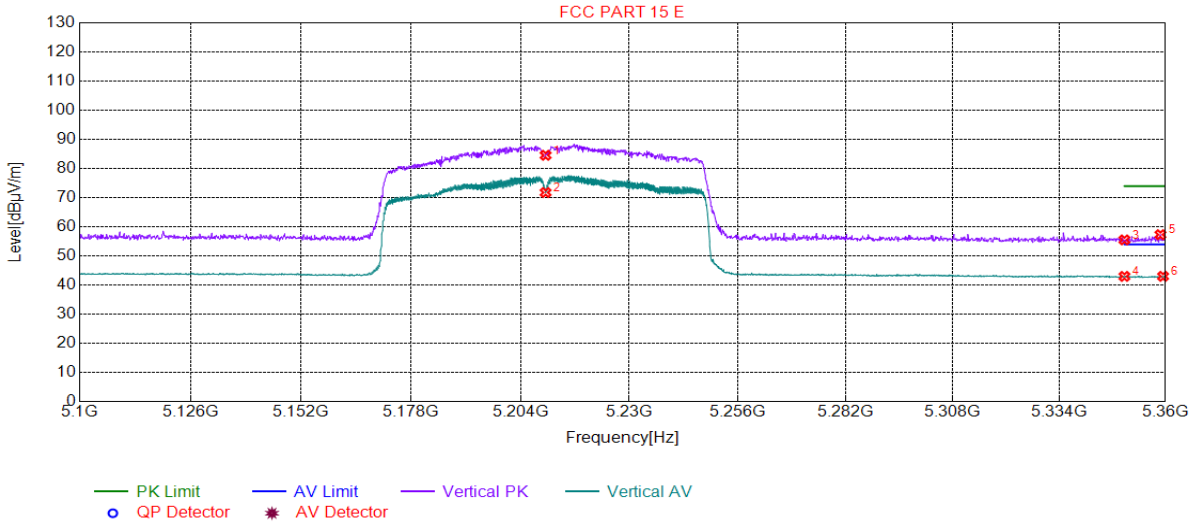
4.10.1.92 802.11AC80_Channel 42

Test Graph



Suspected List

Suspected List								
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1	5210.00	84.56	18.93	0.00	-84.56	300	265	Vertical
2	5210.00	71.77	18.93	0.00	-71.77	400	282	Vertical
3	5350.00	55.53	18.54	74.00	18.47	100	309	Vertical
4	5350.00	43.02	18.54	54.00	10.98	200	43	Vertical
5	5358.82	57.32	18.59	74.00	16.68	300	68	Vertical
6	5359.47	43.04	18.59	54.00	10.96	400	187	Vertical

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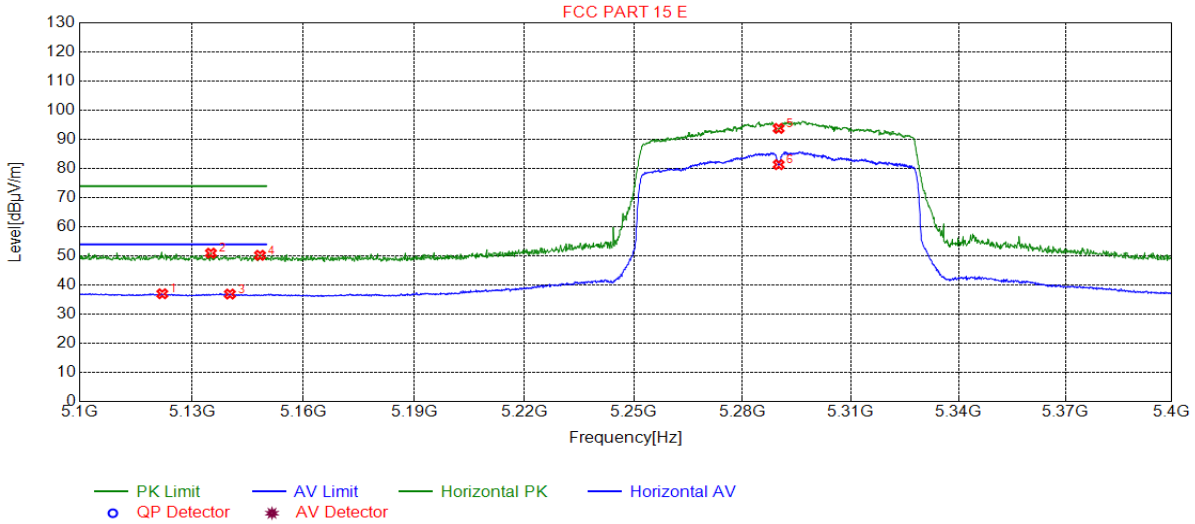
4.10.1.93 802.11AC80_Channel 58

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5122.06	37.05	19.32	54.00	16.95	200	245	Horizontal
2	5135.11	50.98	19.41	74.00	23.02	100	148	Horizontal
3	5140.22	36.95	19.34	54.00	17.05	300	220	Horizontal
4	5148.32	50.26	19.33	74.00	23.74	200	360	Horizontal
5	5290.00	93.77	18.48	0.00	-93.77	300	245	Horizontal
6	5290.00	81.35	18.48	0.00	-81.35	100	245	Horizontal

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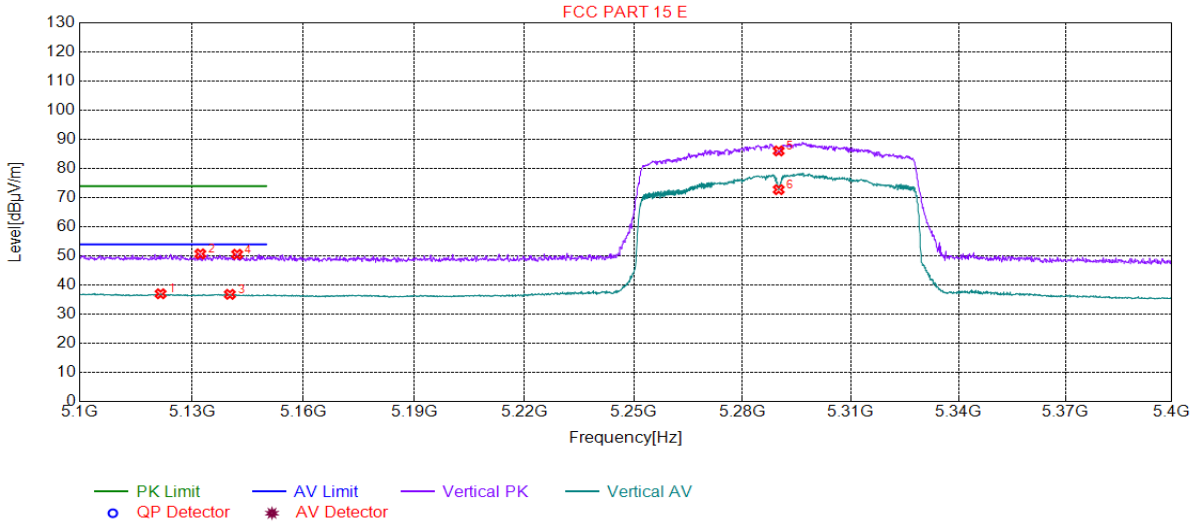
4.10.1.94 802.11AC80_Channel 58

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5121.61	37.05	19.32	54.00	16.95	100	54	Vertical
2	5132.26	50.75	19.38	74.00	23.25	200	164	Vertical
3	5140.22	36.85	19.34	54.00	17.15	300	11	Vertical
4	5142.17	50.60	19.33	74.00	23.40	100	184	Vertical
5	5290.00	86.04	18.48	0.00	-86.04	400	267	Vertical
6	5290.00	72.77	18.48	0.00	-72.77	100	267	Vertical

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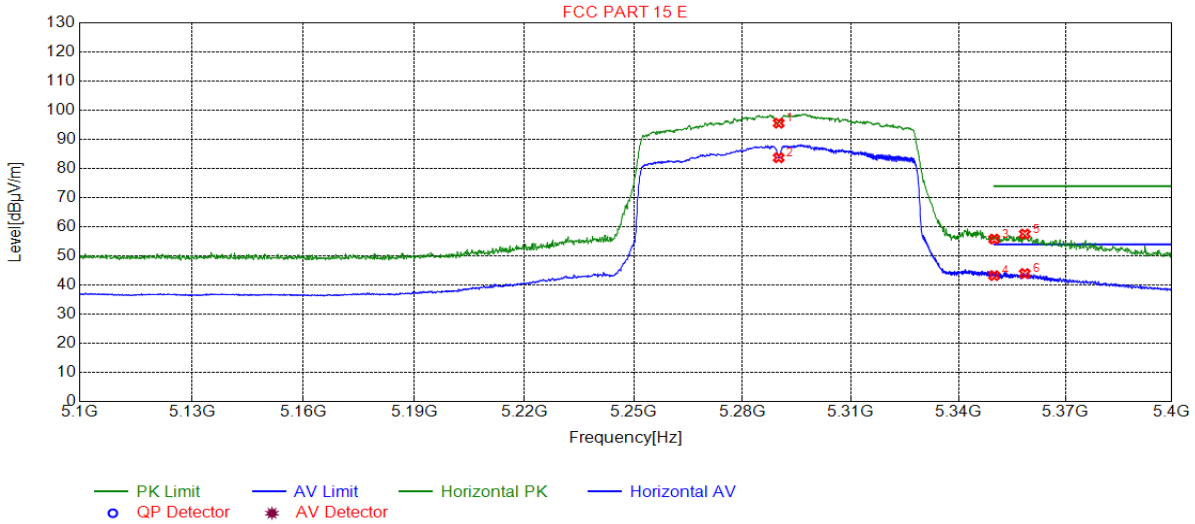
4.10.1.95 802.11AC80_Channel 58

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5290.00	95.58	18.48	0.00	-95.58	100	232	Horizontal
2	5290.00	83.72	18.48	0.00	-83.72	200	232	Horizontal
3	5350.00	55.82	18.54	74.00	18.18	300	241	Horizontal
4	5350.00	43.29	18.54	54.00	10.71	100	232	Horizontal
5	5358.57	57.55	18.58	74.00	16.45	200	241	Horizontal
6	5358.57	44.00	18.58	54.00	10.00	100	232	Horizontal

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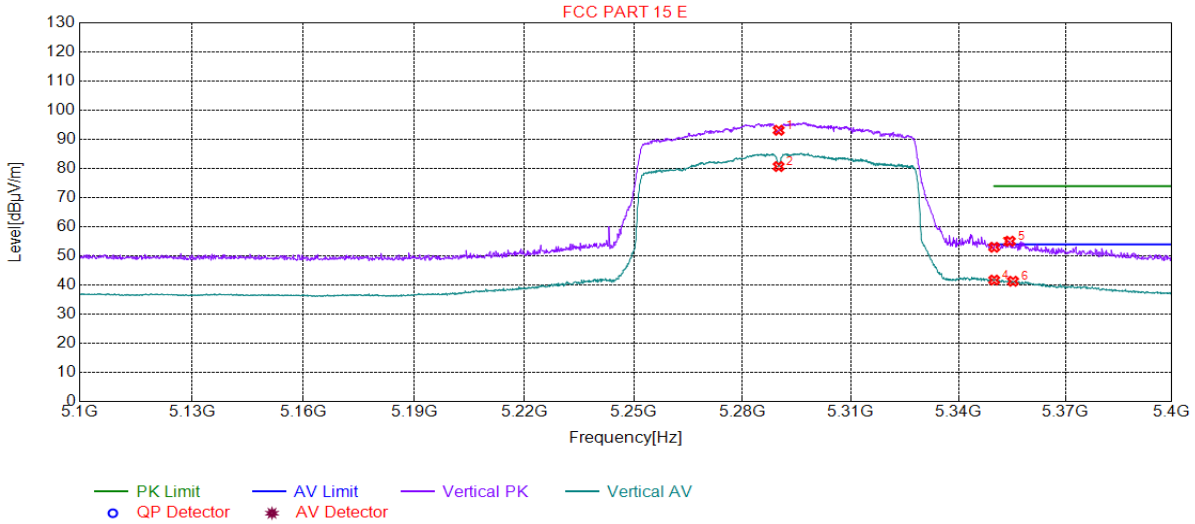
4.10.1.96 802.11AC80_Channel 58

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5290.00	93.13	18.48	0.00	-93.13	200	187	Vertical
2	5290.00	80.70	18.48	0.00	-80.70	300	187	Vertical
3	5350.00	52.99	18.54	74.00	21.01	100	187	Vertical
4	5350.00	41.76	18.54	54.00	12.24	100	187	Vertical
5	5354.37	55.09	18.55	74.00	18.91	300	177	Vertical
6	5355.27	41.35	18.55	54.00	12.65	400	187	Vertical

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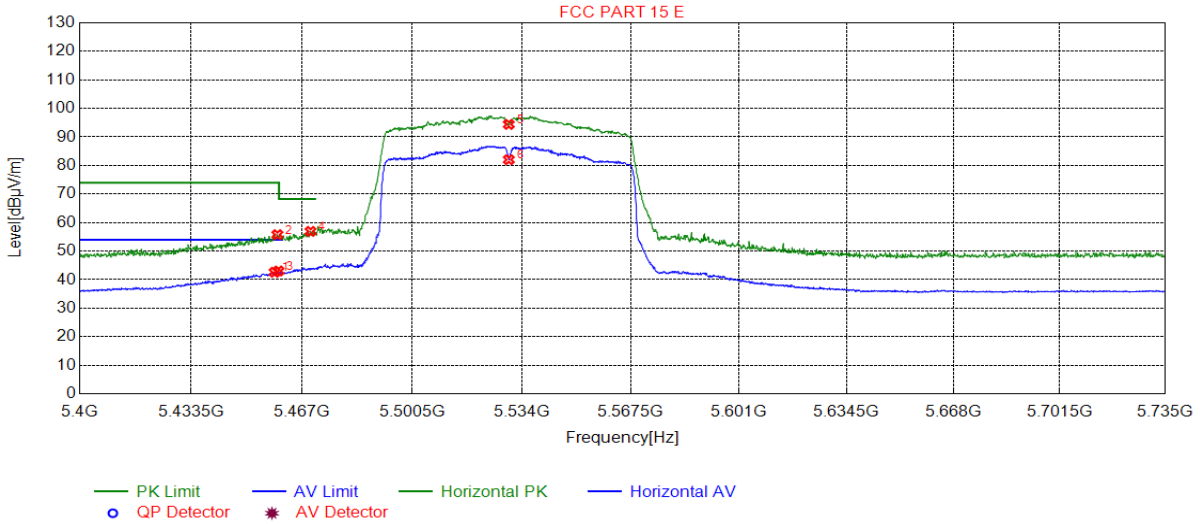
4.10.1.97 802.11AC80_Channel 106

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5458.65	42.61	18.11	54.00	11.39	100	228	Horizontal
2	5459.49	55.78	18.12	74.00	18.22	100	215	Horizontal
3	5459.82	43.06	18.13	54.00	10.94	200	224	Horizontal
4	5469.54	56.93	18.20	68.30	11.37	300	228	Horizontal
5	5530.00	94.41	18.15	0.00	-94.41	100	236	Horizontal
6	5530.00	82.05	18.15	0.00	-82.05	400	236	Horizontal

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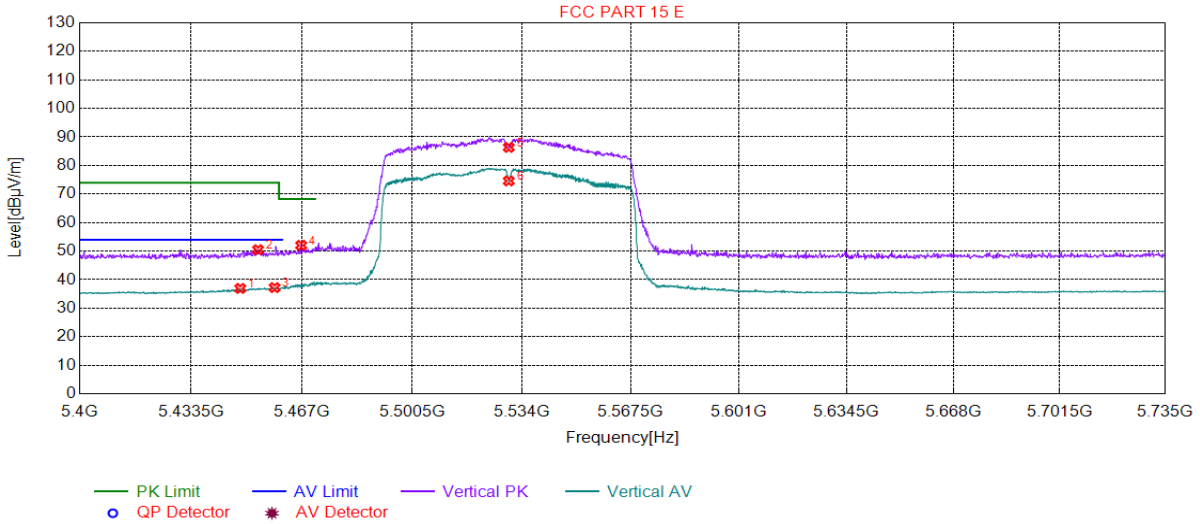
4.10.1.98 802.11AC80_Channel 106

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5448.26	36.95	18.12	54.00	17.05	200	278	Vertical
2	5453.62	50.52	18.07	74.00	23.48	100	295	Vertical
3	5458.65	37.24	18.11	54.00	16.76	100	249	Vertical
4	5466.69	52.04	18.20	68.30	16.26	300	269	Vertical
5	5530.00	86.35	18.15	0.00	-86.35	200	295	Vertical
6	5530.00	74.59	18.15	0.00	-74.59	300	295	Vertical

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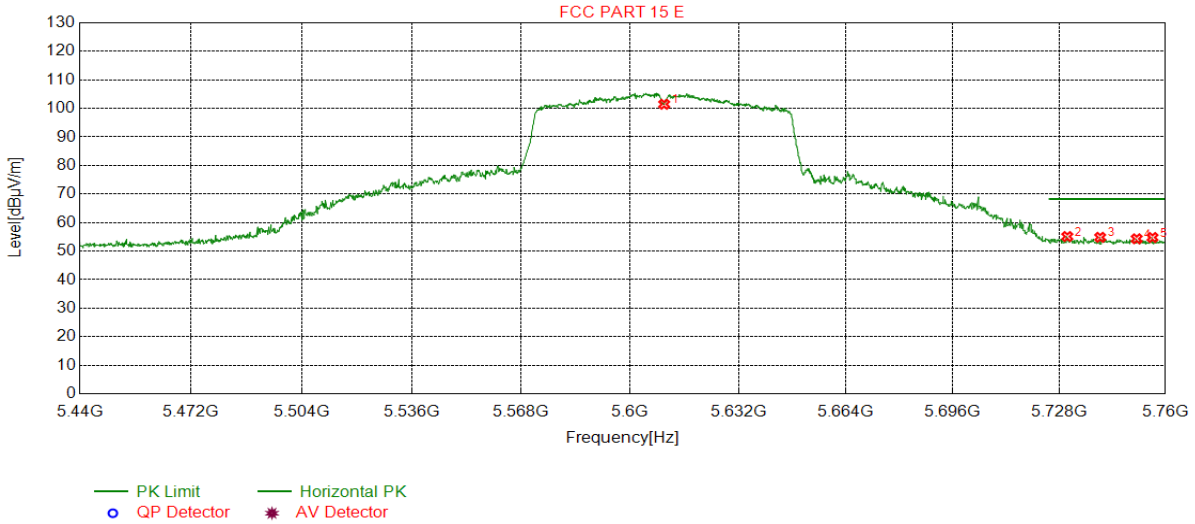
4.10.1.99 802.11AC80_Channel 122

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5610.00	101.46	18.09	0.00	-101.46	100	228	Horizontal
2	5730.38	55.13	18.50	68.30	13.17	200	236	Horizontal
3	5740.31	54.86	18.32	68.30	13.44	300	30	Horizontal
4	5751.35	54.33	18.55	68.30	13.97	200	310	Horizontal
5	5756.15	54.79	18.38	68.30	13.51	200	313	Horizontal

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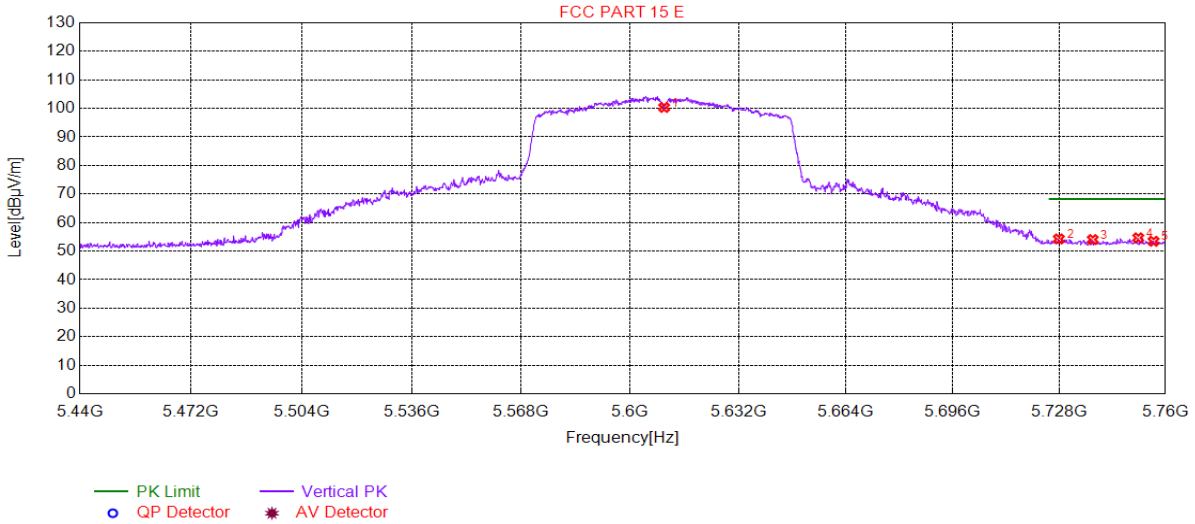
4.10.1.100 802.11AC80_Channel 122

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5610.00	100.35	18.09	0.00	-100.35	300	176	Vertical
2	5727.82	54.29	18.43	68.30	14.01	200	341	Vertical
3	5738.06	54.07	18.35	68.30	14.23	300	176	Vertical
4	5751.83	54.66	18.53	68.30	13.64	200	138	Vertical
5	5756.47	53.47	18.38	68.30	14.83	200	340	Vertical

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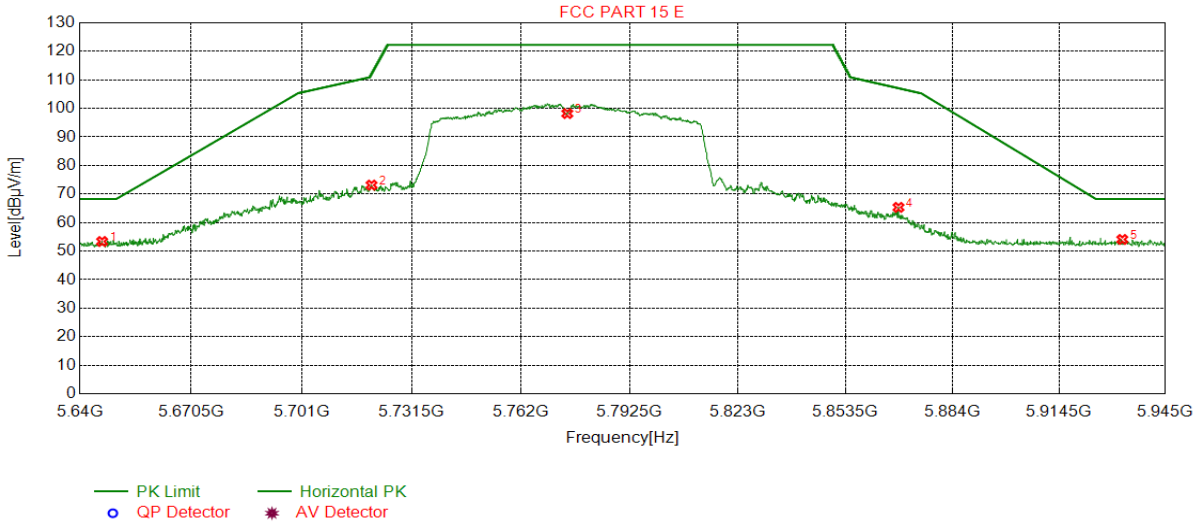
4.10.1.101 802.11AC80_Channel 155

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5646.10	53.39	17.99	68.30	14.91	200	17	Horizontal
2	5720.40	73.13	18.33	111.83	38.70	100	226	Horizontal
3	5775.00	98.21	18.33	122.30	24.09	300	226	Horizontal
4	5868.55	65.34	18.89	107.10	41.76	100	229	Horizontal
5	5932.64	54.10	19.11	68.30	14.20	100	215	Horizontal

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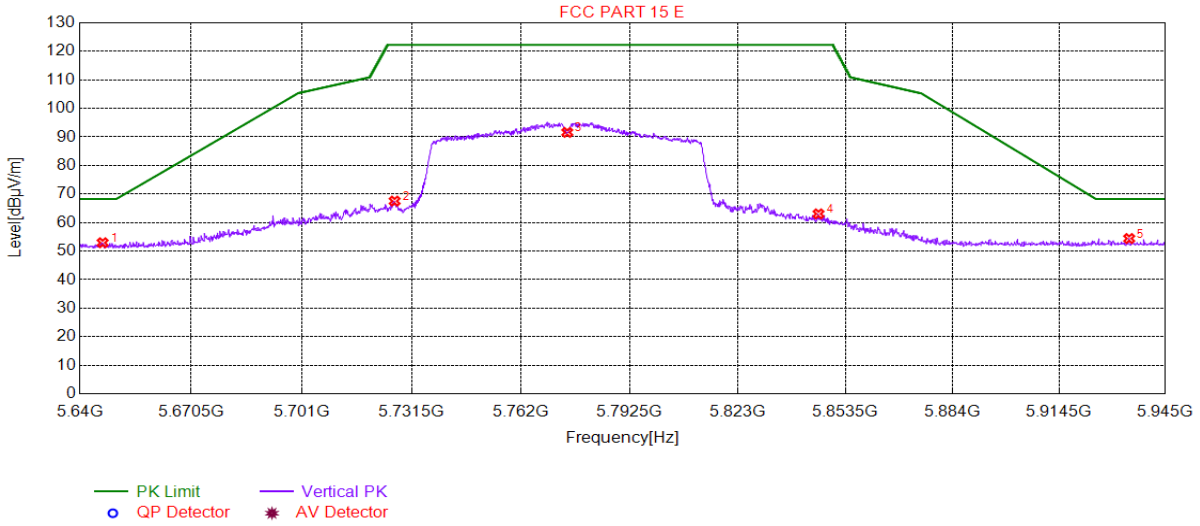
4.10.1.102 802.11AC80_Channel 155

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5646.25	52.94	17.99	68.30	15.36	200	109	Vertical
2	5726.81	67.54	18.39	122.30	54.76	300	196	Vertical
3	5775.00	91.60	18.33	122.30	30.70	100	269	Vertical
4	5845.82	63.06	18.71	122.30	59.24	200	249	Vertical
5	5934.62	54.43	19.06	68.30	13.87	200	297	Vertical

Final Data List

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.

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4.11 Frequencies Stability

4.11.1 Frequency Error vs. Voltage

Test Conditions	Measured Frequency (MHz)	
	5180	5825
V nom(V)	5180.006261	5825.003759
V max(V)	5180.013252	5825.010397
V min(V)	5180.015242	5825.016803
Max. Deviation Frequency	0.015242	0.016803
Max. Frequency Error (ppm)	2.942395	2.884607

4.11.2 Frequency Error vs. Temperature

Test Conditions	Measured Frequency (MHz)	
	5180	5825
-5	5180.003919	5825.007795
5	5180.007127	5825.016180
15	5180.009186	5825.020725
25	5180.016549	5825.021384
35	5180.017270	5825.027583
45	5180.026010	5825.028010
50	5180.027168	5825.033363
Max. Deviation Frequency	0.027168	0.033363
Max. Frequency Error (ppm)	5.244801	5.727583

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4.12Dynamic 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

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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.

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4.12.4 Test plots

4.12.4.1 DFS Detection Thresholds

4.12.4.1.1 Test Result

TestMode	Channel	Radar Type	Result	Limit[dbm]	Verdict
11AC20SISO	5320	Type0	-62.84	-62.00	PASS
	5500	Type0	-62.63	-62.00	PASS
11AC80SISO	5290	Type0	-62.36	-62.00	PASS
	5530	Type0	-62.94	-62.00	PASS

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4.12.4.1.2 Test Graphs

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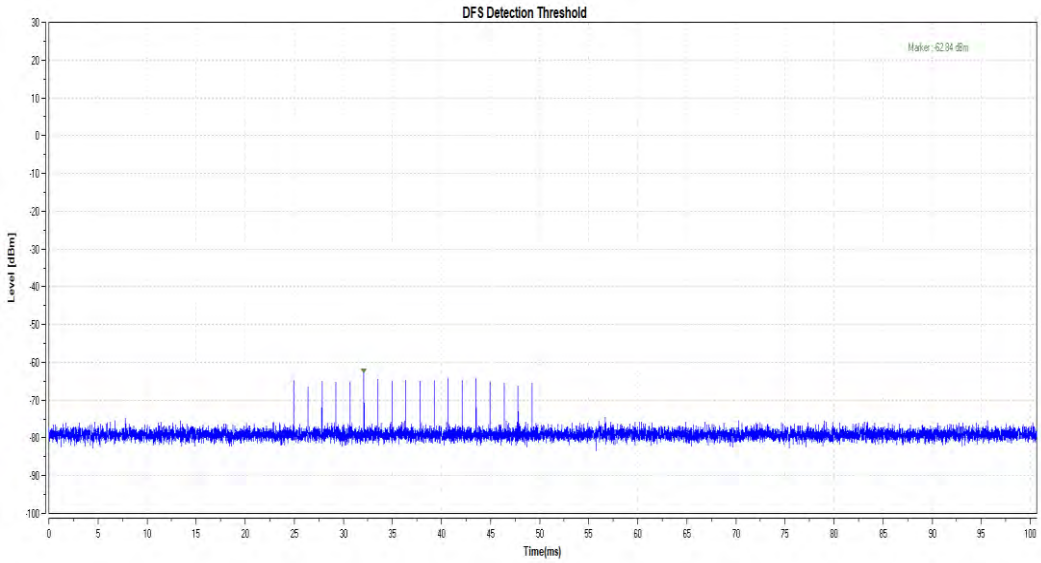

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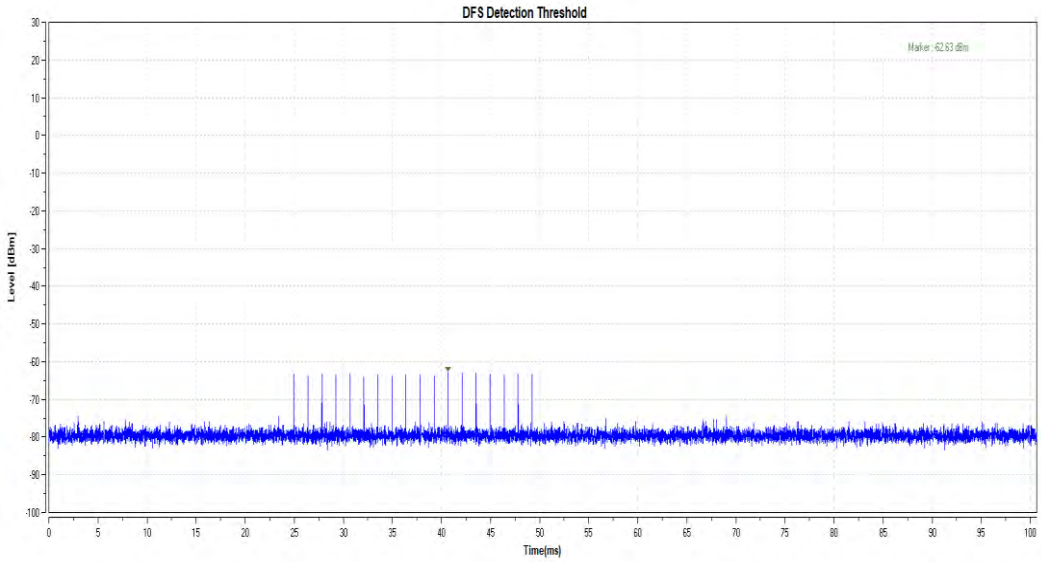

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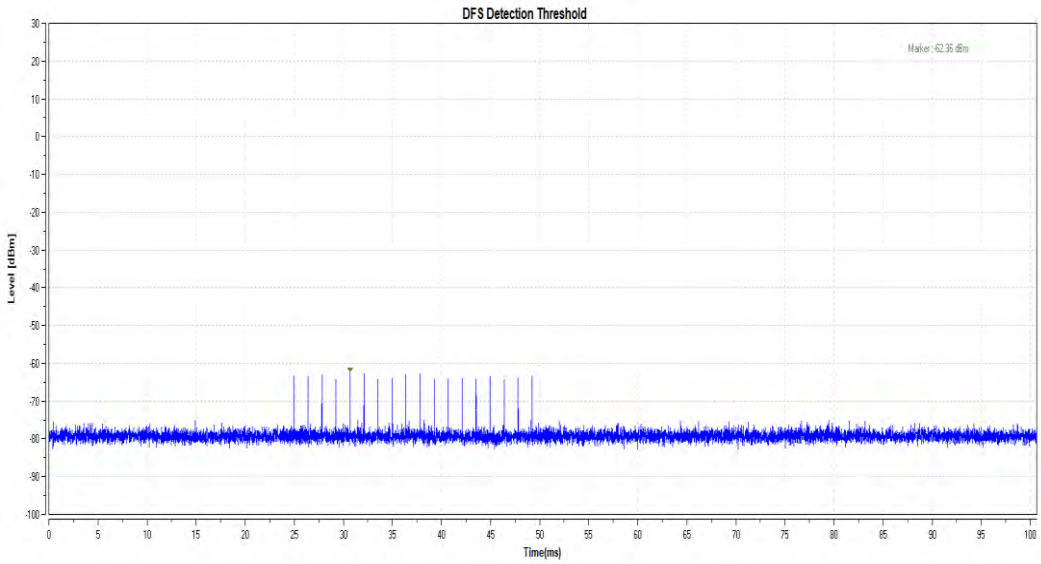

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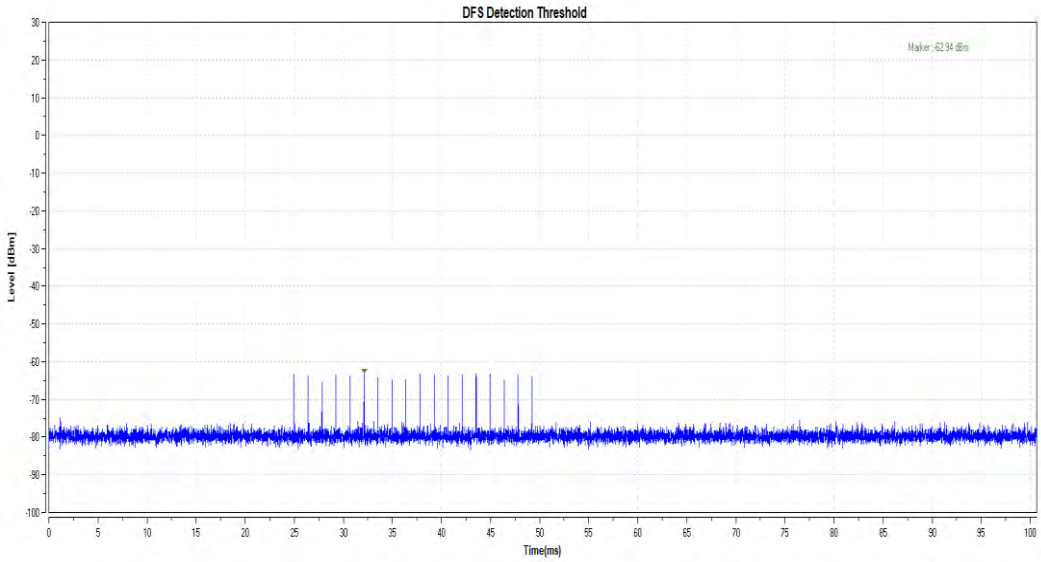

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4.12.4.2 Channel Move Time and Channel Closing Transmission Time

4.12.4.2.1 Test Result

TestMode	Channel	CCT[ms]	Limit[ms]	CMT[ms]	Limit[ms]	Verdict
11AC20SISO	5320	7	60	265.2	10000	PASS
	5500	40.5	60	343.2	10000	PASS
11AC80SISO	5290	0	60	226.2	10000	PASS
	5530	33.3	60	293.8	10000	PASS

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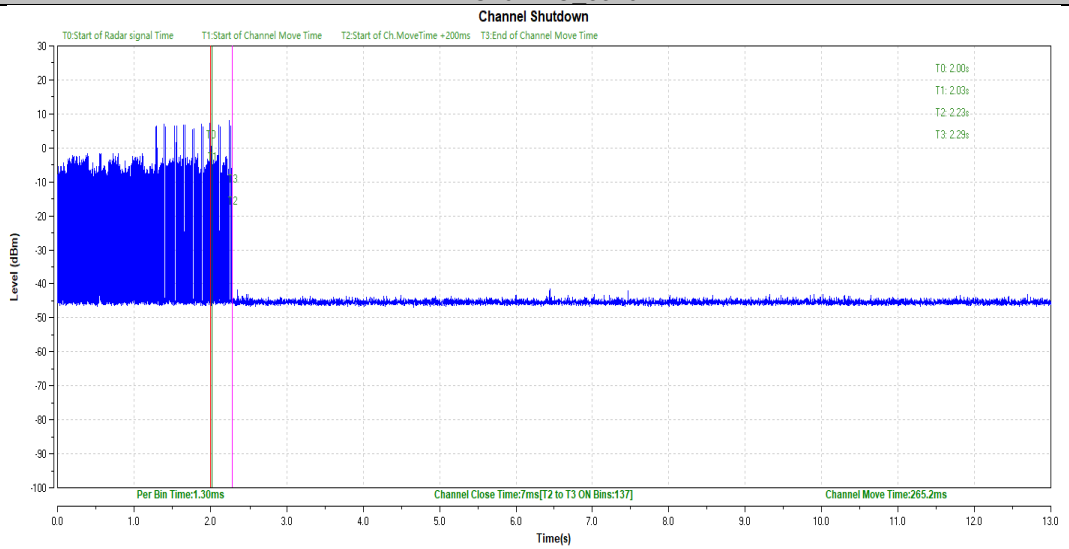
4.12.4.2.2 Test Graphs

11AC20SISO_5320



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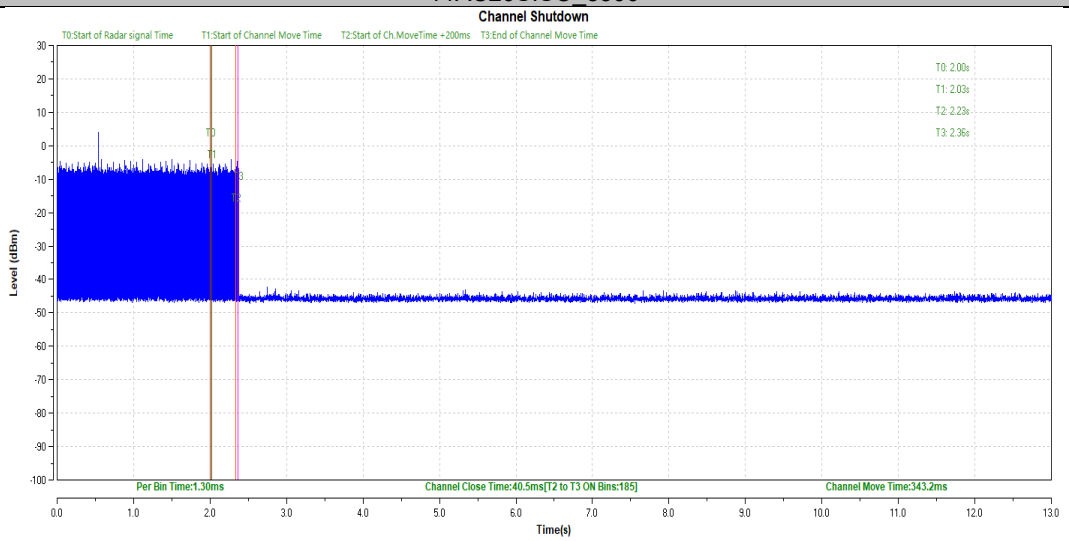

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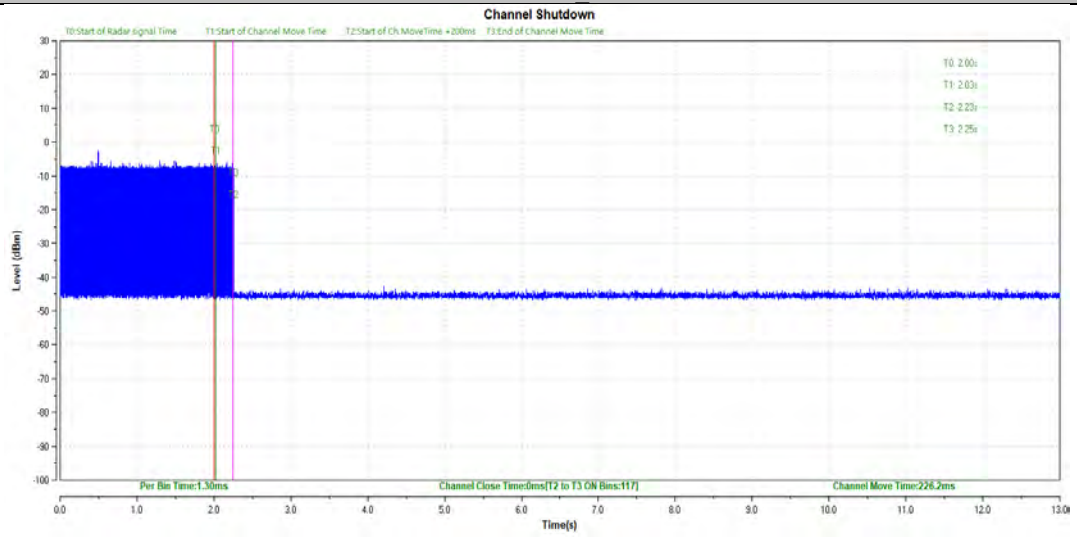
11AC80SISO_5290



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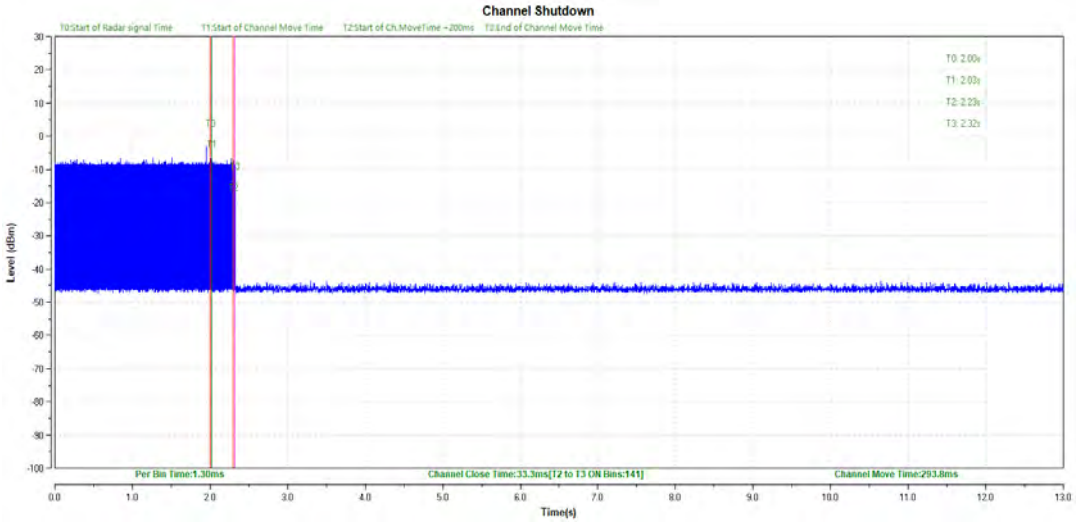

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4.12.4.3 Non-Occupancy Period

4.12.4.3.1 Test Result

TestMode	Channel	Result	Limit[s]	Verdict
11AC20SISO	5320	see test graph	>=1800	PASS
	5500	see test graph	>=1800	PASS
11AC80SISO	5290	see test graph	>=1800	PASS
	5530	see test graph	>=1800	PASS

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4.12.4.3.2 Test Graphs

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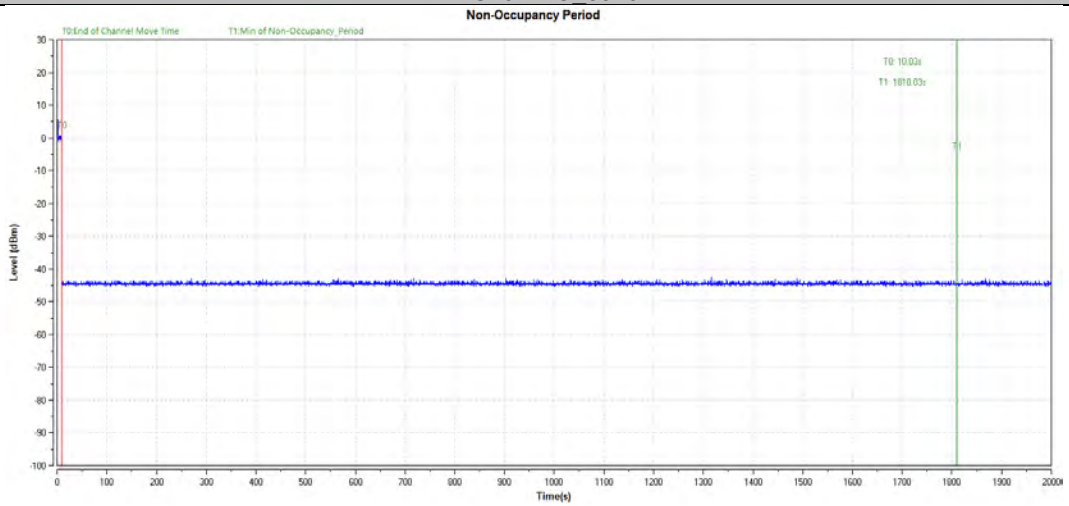

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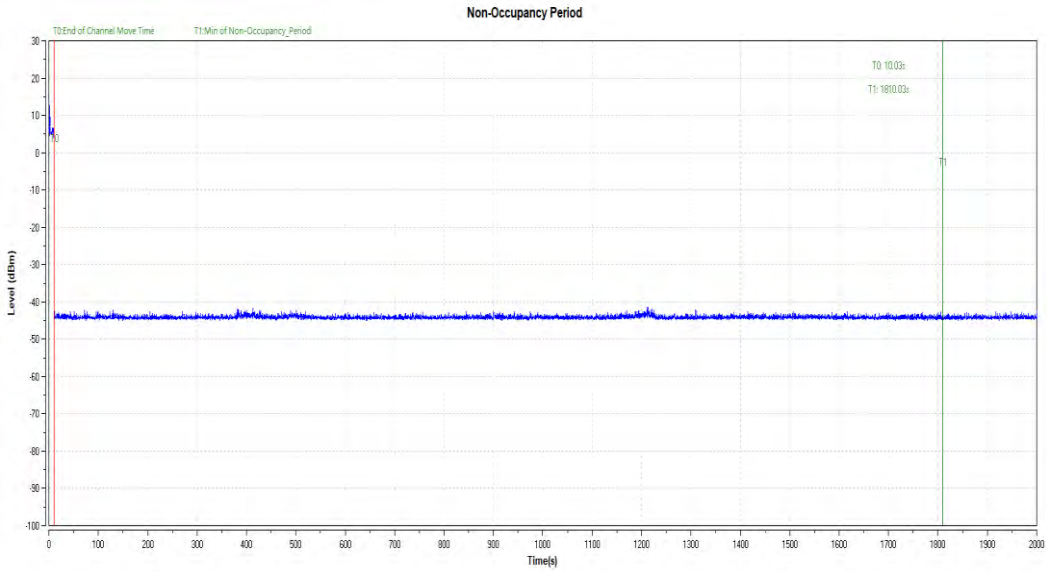

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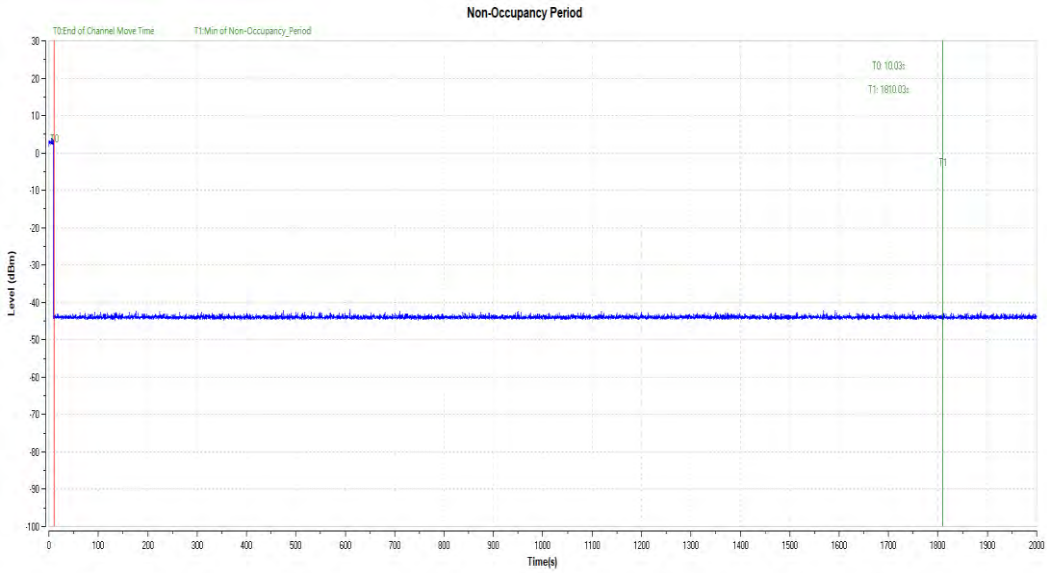
11AC80SISO_5290



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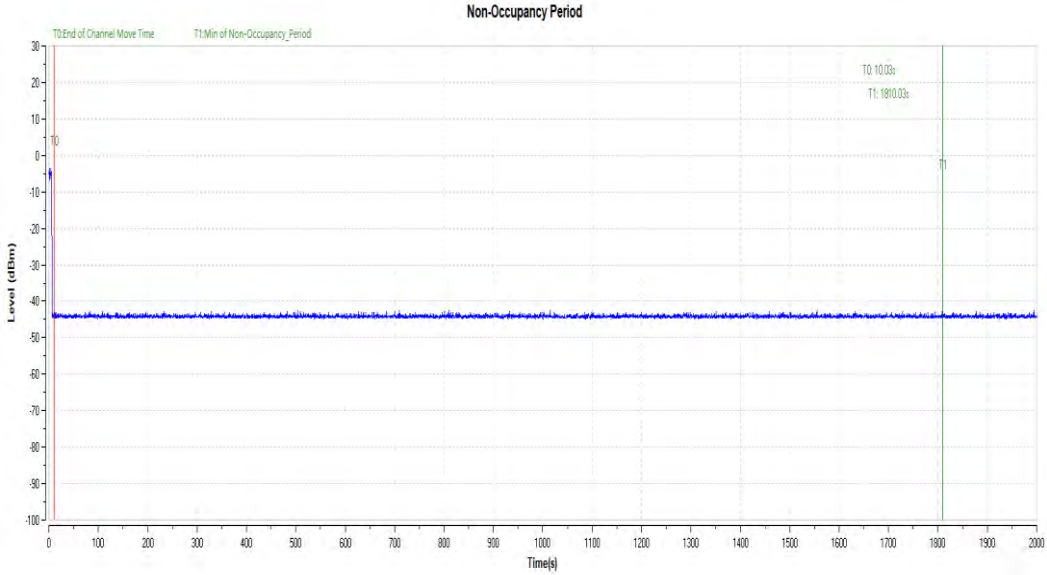

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5 Measurement Uncertainty (95% confidence levels, k=2)

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	Radiated Spurious emission test	±4.8dB (30MHz-1GHz)
		±5.2dB (1GHz-6GHz)
		±5.5dB (6GHz-18GHz)
		±5.02dB (18GHz-40GHz)
2	Conduct emission test	±3.4 dB (9KHz- 30MHz)

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6 Equipment List

RF conducted test					
Test Equipment	Manufacturer	Model No.	Inventory No	Cal. date (yyyy-mm-dd)	Cal.Duedate (yyyy-mm-dd)
DC Power Supply	Agilent Technologie Inc	66311B	W009-09	2020/7/15	2021/7/15
Signal Analyzer	Rohde & Schwarz	FSV	W025-05	2021/1/3	2022/1/2
				2020/1/4	2021/1/3
Coaxial Cable	SGS	N/A	SEM031-01	2020/6/12	2021/6/11
Attenuator	Weinschel Associates	WA41	SEM021-09	N/A	N/A
Signal Generator	KEYSIGHT	N5173B	SEM006-05	2020/7/14	2021/7/14
Temperature Chamber	GIANT FORCE	ICT-150-40-CP AR	W027-03	2020/10/27	2021/10/27
Power Meter	Rohde & Schwarz	NRVS	SEM014-02	2020/7/14	2021/7/14

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RSE&RE&CE Test System					
Equipment	**Manufacturer**	**Model No.**	**Cal Date**	**Cal Due Date**	**Inventory No.**
Semi-Anechoic Chamber	Brilliant-emc	966	NCR	NCR	XAW03-35-01
MXA signal analyzer	Keysight	N9020A	2020-04-02	2021-04-02	XAW01-06-01
Radio communication analyzer	ROHDE&SCHWARZ	CMW 500	2020-04-02	2021-04-02	XAW01-03-02
Test receiver	ROHDE&SCHWARZ	ESR	2020-09-11	2021-09-10	XAW01-08-01
Receiving antenna	Rosenberger	VULB 9163	2019-10-13	2021-10-12	XAW01-09-01
Receiving antenna	Rosenberger	BBHA 9120D	2019-10-13	2021-10-12	XAW01-09-02
Receiving antenna	Rosenberger	BBHA 9170	2019-10-13	2021-10-12	XAW01-09-03
Directional antenna rack controller	Max-Full	MF-7802BS	NCR	NCR	XAW03-03-01
High-speed antenna rack controller	Max-Full	MF-7802	NCR	NCR	XAW03-04-01
Filter bank	Tonscend	JS0806-F	NCR	NCR	XAW03-05-01
Filter bank	Tonscend	JS0806s	NCR	NCR	XAW03-05-02
Amplifier	Tonscend	TAP00903040	2020-10-26	2021-10-25	XAW01-41-01
Amplifier	Tonscend	TAP01018048	2020-10-26	2021-10-25	XAW01-41-02
Amplifier	Tonscend	TAP18040048	2020-10-26	2021-10-25	XAW01-41-03
Amplifier	Shanghai Steed	YX28980930	2020-10-26	2021-10-25	XAW01-41-06
Artificial network	ROHDE&SCHWARZ	ENV216	2020-08-04	2021-08-03	XAW01-19-02
Temperature and humidity meter	MingGao	TH101B	2020-06-11	2021-05-11	XAW01-01-01
Measurement Software	Tonscend	TS+ RSE&RE	NCR	NCR	XAW02-05-01
Measurement Software	Tonscend	TS+ CE	NCR	NCR	XAW02-05-02

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7 Photographs - EUT Constructional Details

Refer to Appendix A PCE Setup Photos.

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Emission Bandwidth

Test Result

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	21.960	5168.870	5190.830	---	PASS
		5200	22.470	5188.810	5211.280	---	PASS
		5240	22.650	5228.780	5251.430	---	PASS
		5260	22.230	5248.780	5271.010	---	PASS
		5300	22.290	5288.720	5311.010	---	PASS
		5320	22.710	5308.270	5330.980	---	PASS
		5500	22.170	5488.810	5510.980	---	PASS
		5580	22.980	5568.810	5591.790	---	PASS
		5700	22.200	5688.780	5710.980	---	PASS
		5745	22.170	5733.810	5755.980	---	PASS
		5785	22.110	5773.810	5795.920	---	PASS
		5825	22.170	5813.780	5835.950	---	PASS
11N20SISO	Ant1	5180	23.190	5168.570	5191.760	---	PASS
		5200	23.430	5188.390	5211.820	---	PASS
		5240	23.670	5228.510	5252.180	---	PASS
		5260	23.610	5248.540	5272.150	---	PASS
		5300	23.580	5288.180	5311.760	---	PASS
		5320	23.460	5308.540	5332.000	---	PASS
		5500	23.190	5488.570	5511.760	---	PASS
		5580	23.490	5568.240	5591.730	---	PASS
		5700	23.310	5688.420	5711.730	---	PASS
		5745	23.430	5733.300	5756.730	---	PASS
		5785	23.250	5773.450	5796.700	---	PASS
		5825	22.830	5813.570	5836.400	---	PASS
11N40SISO	Ant1	5190	44.640	5169.600	5214.240	---	PASS
		5230	40.980	5209.660	5250.640	---	PASS
		5270	40.920	5249.660	5290.580	---	PASS
		5310	41.340	5289.300	5330.640	---	PASS

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		5510	41.100	5489.480	5530.580	---	PASS
		5550	41.160	5529.420	5570.580	---	PASS
		5670	40.920	5649.540	5690.460	---	PASS
		5755	40.980	5734.540	5775.520	---	PASS
		5795	41.040	5774.480	5815.520	---	PASS
11AC20SISO	Ant1	5180	23.190	5168.570	5191.760	---	PASS
		5200	23.250	5188.540	5211.790	---	PASS
		5240	23.520	5228.240	5251.760	---	PASS
		5260	23.460	5248.330	5271.790	---	PASS
		5300	23.250	5288.540	5311.790	---	PASS
		5320	25.710	5307.910	5333.620	---	PASS
		5500	23.400	5488.360	5511.760	---	PASS
		5580	23.580	5568.180	5591.760	---	PASS
		5700	23.250	5688.540	5711.790	---	PASS
		5745	23.130	5733.630	5756.760	---	PASS
		5785	22.770	5773.630	5796.400	---	PASS
		5825	23.580	5813.150	5836.730	---	PASS
11AC40SISO	Ant1	5190	41.280	5169.420	5210.700	---	PASS
		5230	41.100	5209.600	5250.700	---	PASS
		5270	41.100	5249.480	5290.580	---	PASS
		5310	41.100	5289.480	5330.580	---	PASS
		5510	41.220	5489.420	5530.640	---	PASS
		5550	41.100	5529.480	5570.580	---	PASS
		5670	41.040	5649.540	5690.580	---	PASS
		5755	41.040	5734.600	5775.640	---	PASS
		5795	40.980	5774.600	5815.580	---	PASS
11AC80SISO	Ant1	5210	80.640	5169.920	5250.560	---	PASS
		5290	81.960	5249.080	5331.040	---	PASS
		5530	81.480	5489.200	5570.680	---	PASS
		5610	81.840	5569.200	5651.040	---	PASS
		5775	81.240	5734.440	5815.680	---	PASS

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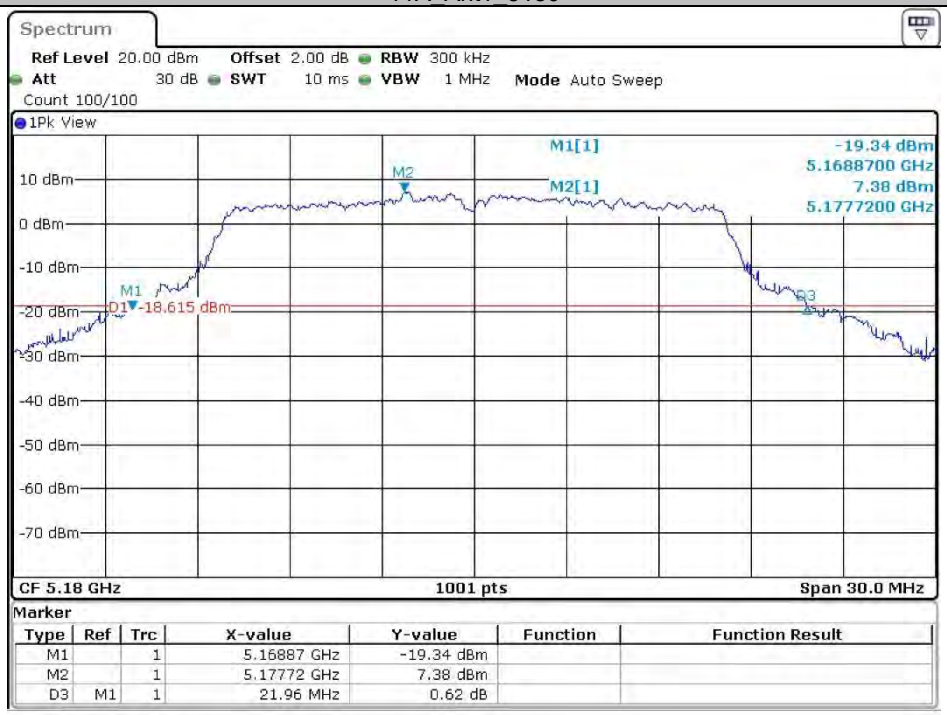
Test Graphs

11A_Ant1_5180



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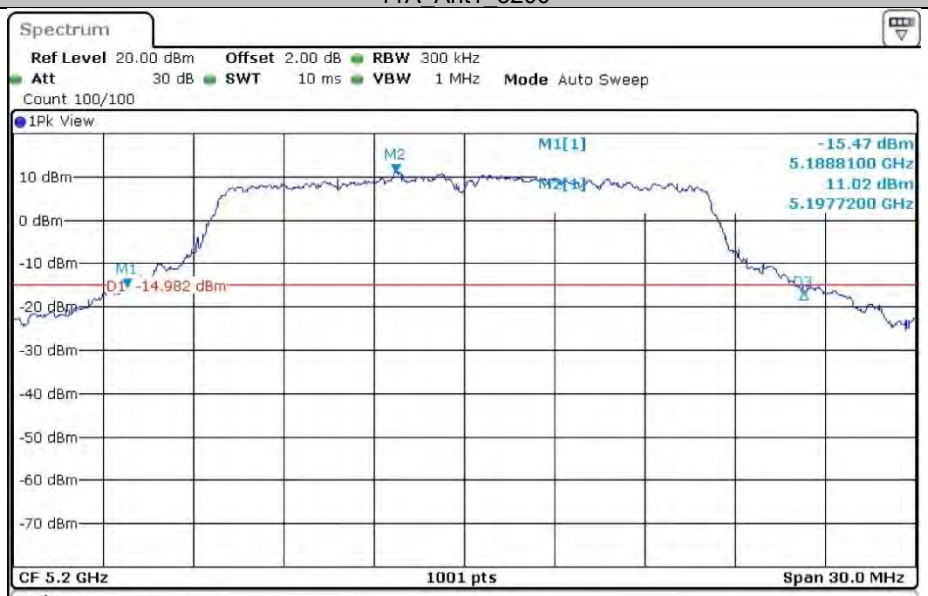
11A_Ant1_5200

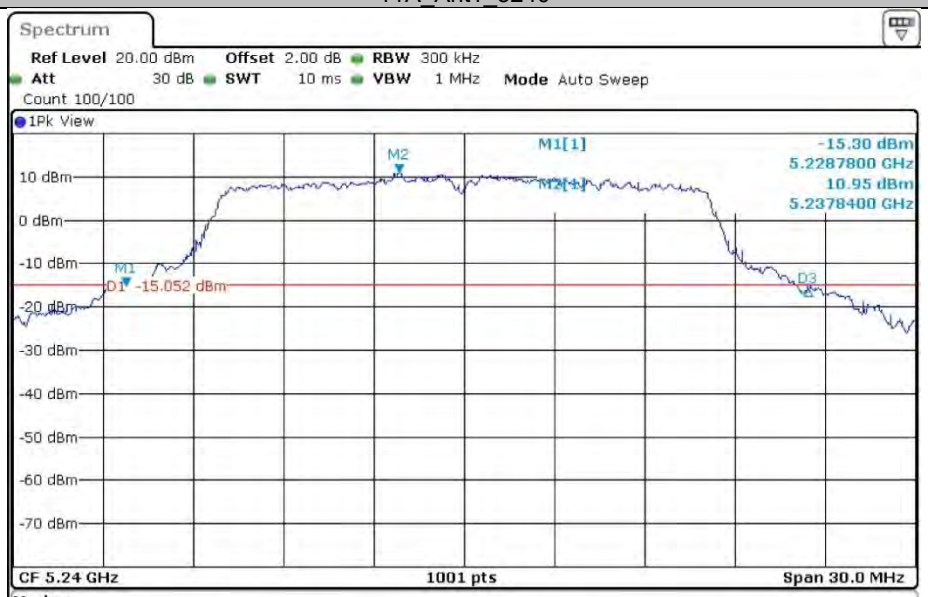


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.18881 GHz	-15.47 dBm		
M2		1	5.19772 GHz	11.02 dBm		
D3	M1	1	22.47 MHz	-0.98 dB		

Date: 31.JAN.2021 11:31:22

11A_Ant1_5240



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.22878 GHz	-15.30 dBm		
M2		1	5.23784 GHz	10.95 dBm		
D3	M1	1	22.65 MHz	-0.55 dB		

Date: 31.JAN.2021 11:32:29

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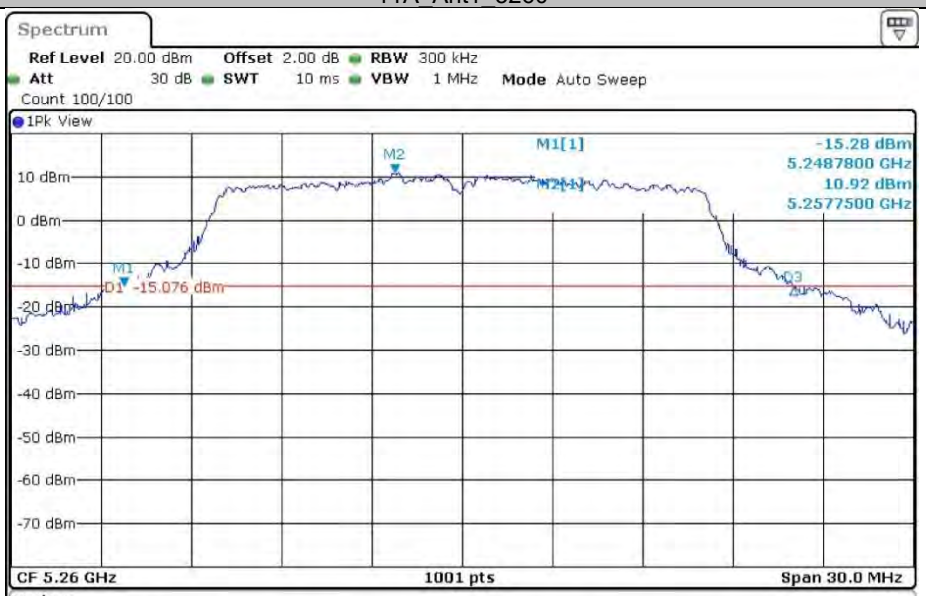
11A_Ant1_5260

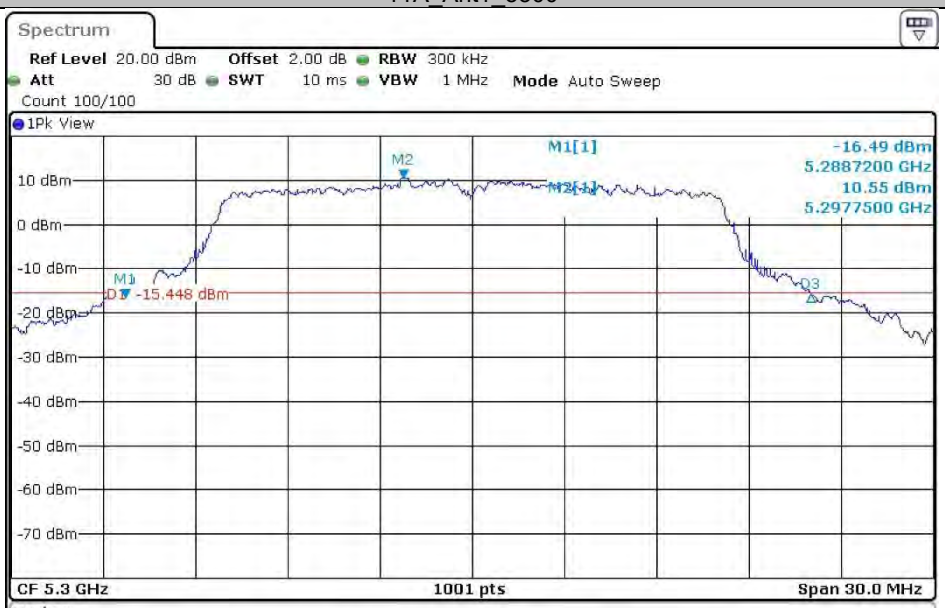


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.24878 GHz	-15.28 dBm		
M2		1	5.25775 GHz	10.92 dBm		
D3	M1	1	22.23 MHz	-0.04 dB		

Date: 31.JAN.2021 11:34:35

11A_Ant1_5300



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.28872 GHz	-16.49 dBm		
M2		1	5.29775 GHz	10.55 dBm		
D3	M1	1	22.29 MHz	0.71 dB		

Date: 31.JAN.2021 11:35:44

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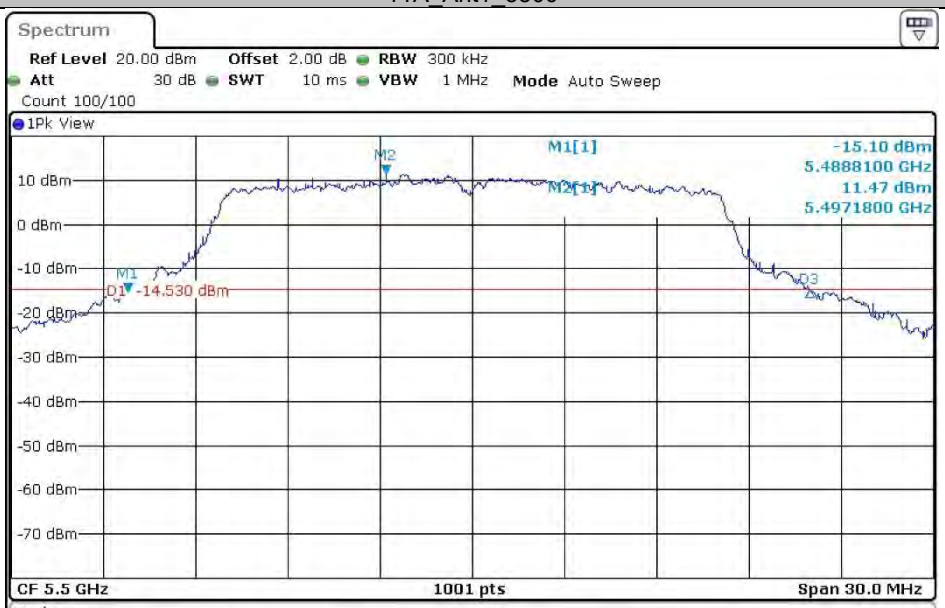
11A_Ant1_5320

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.30827 GHz	-20.37 dBm		
M2		1	5.31784 GHz	7.54 dBm		
D3	M1	1	22.71 MHz	1.46 dB		

Date: 31.JAN.2021 11:36:57

11A_Ant1_5500



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.48881 GHz	-15.10 dBm		
M2		1	5.49718 GHz	11.47 dBm		
D3	M1	1	22.17 MHz	0.51 dB		

Date: 31.JAN.2021 11:38:24

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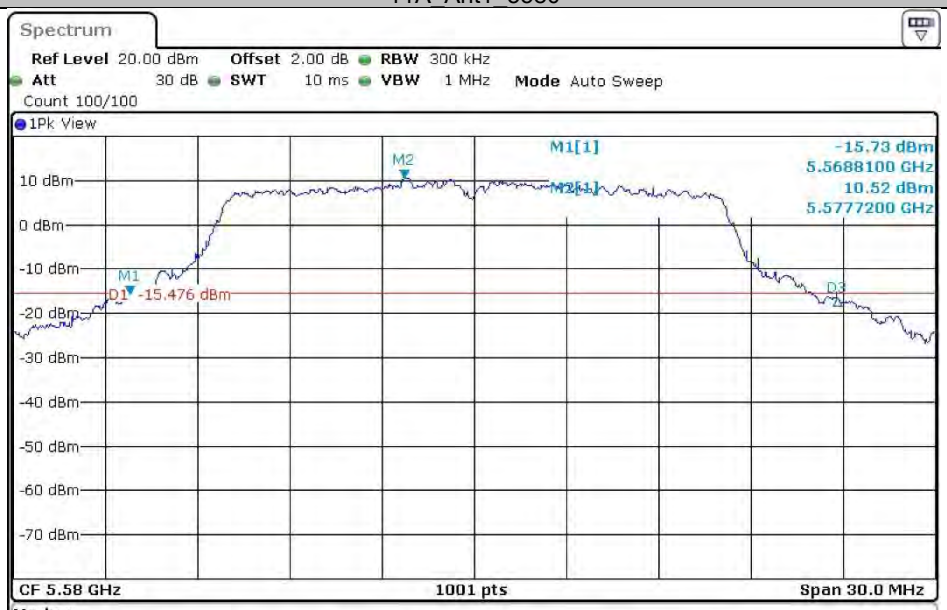
11A_Ant1_5580

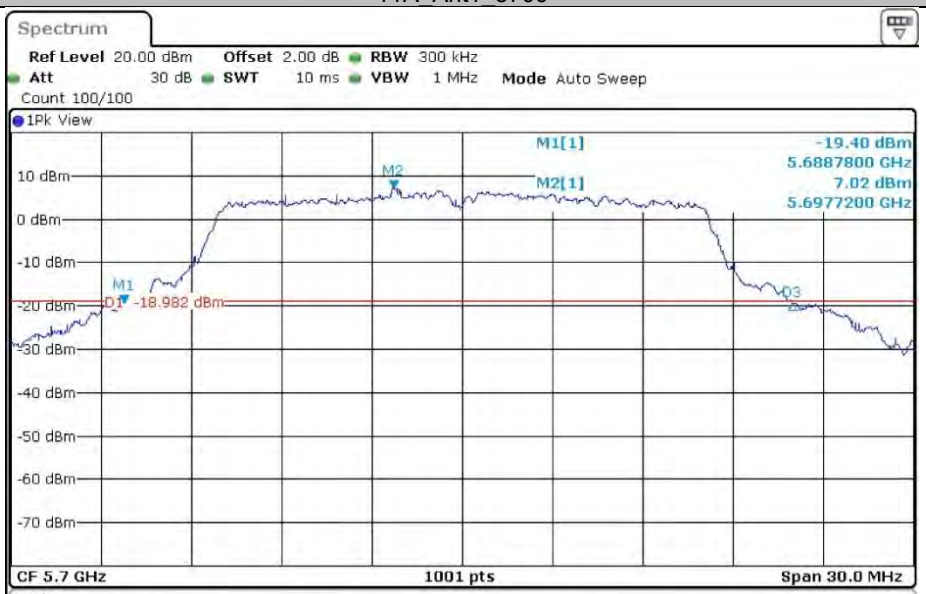


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.56881 GHz	-15.73 dBm		
M2		1	5.57772 GHz	10.52 dBm		
D3	M1	1	22.98 MHz	-0.82 dB		

Date: 31.JAN.2021 11:39:39

11A_Ant1_5700



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.68878 GHz	-19.40 dBm		
M2		1	5.69772 GHz	7.02 dBm		
D3	M1	1	22.2 MHz	0.13 dB		

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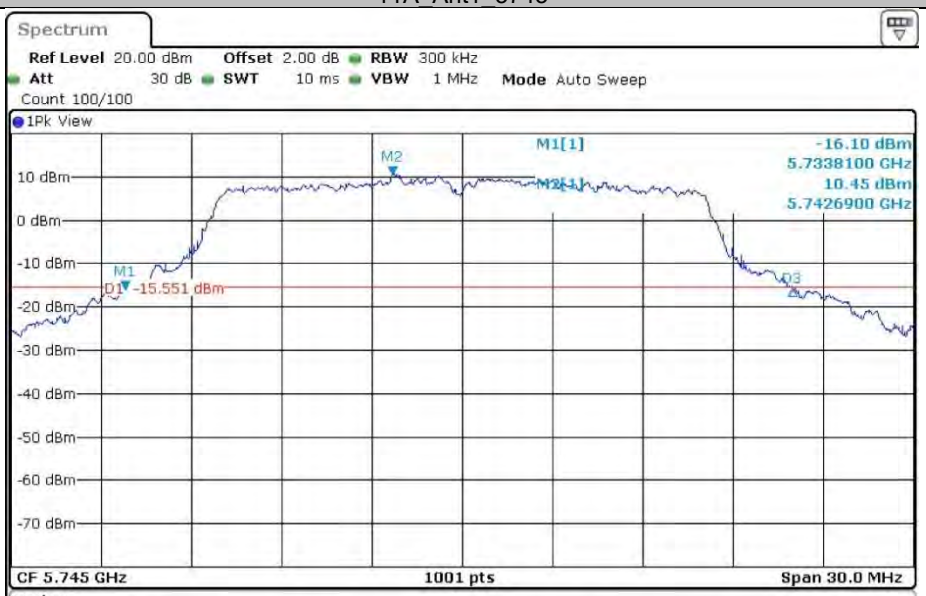
11A_Ant1_5745

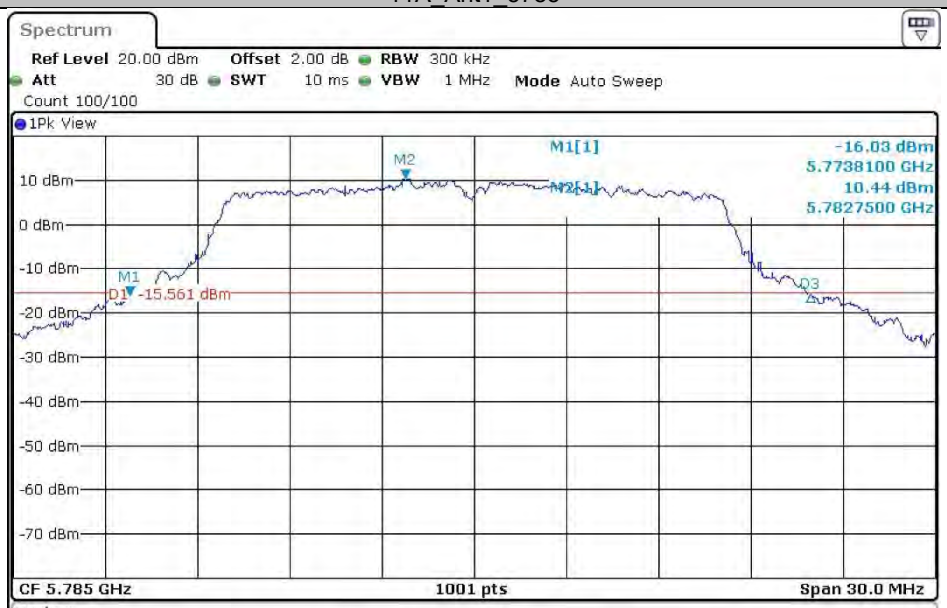


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.73381 GHz	-16.10 dBm		
M2		1	5.74269 GHz	10.45 dBm		
D3	M1	1	22.17 MHz	0.40 dB		

Date: 31.JAN.2021 11:42:08

11A_Ant1_5785



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.77381 GHz	-16.03 dBm		
M2		1	5.78275 GHz	10.44 dBm		
D3	M1	1	22.11 MHz	0.35 dB		

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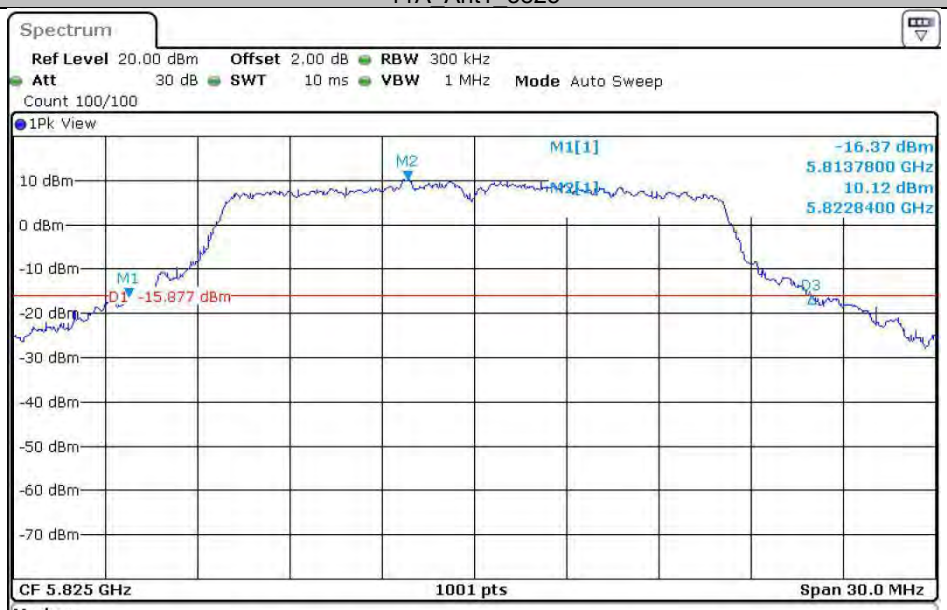
11A_Ant1_5825

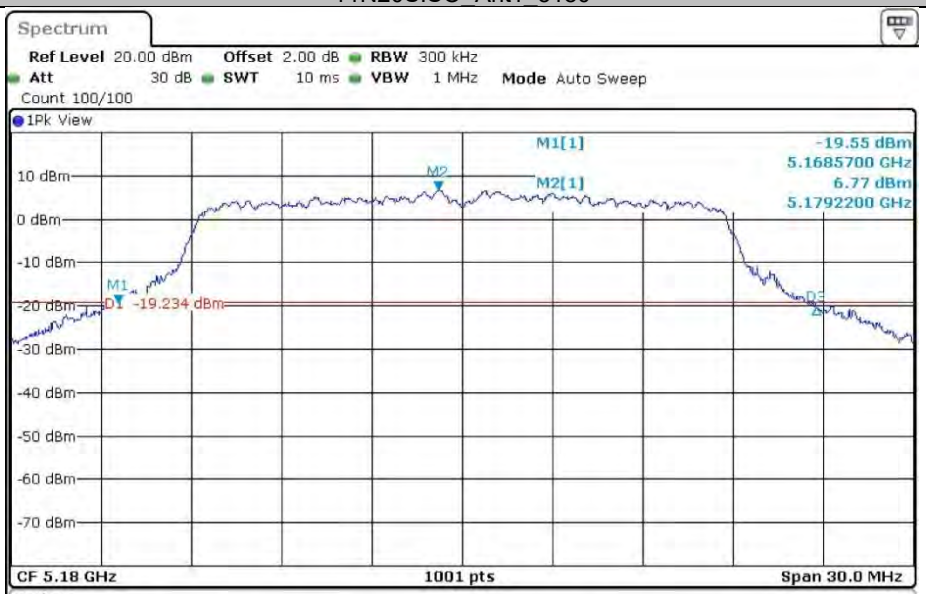


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.81378 GHz	-16.37 dBm		
M2		1	5.82284 GHz	10.12 dBm		
D3	M1	1	22.17 MHz	0.34 dB		

Date: 31.JAN.2021 11:45:02

11N20SISO_Ant1_5180



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.16857 GHz	-19.55 dBm		
M2		1	5.17922 GHz	6.77 dBm		
D3	M1	1	23.19 MHz	-0.65 dB		

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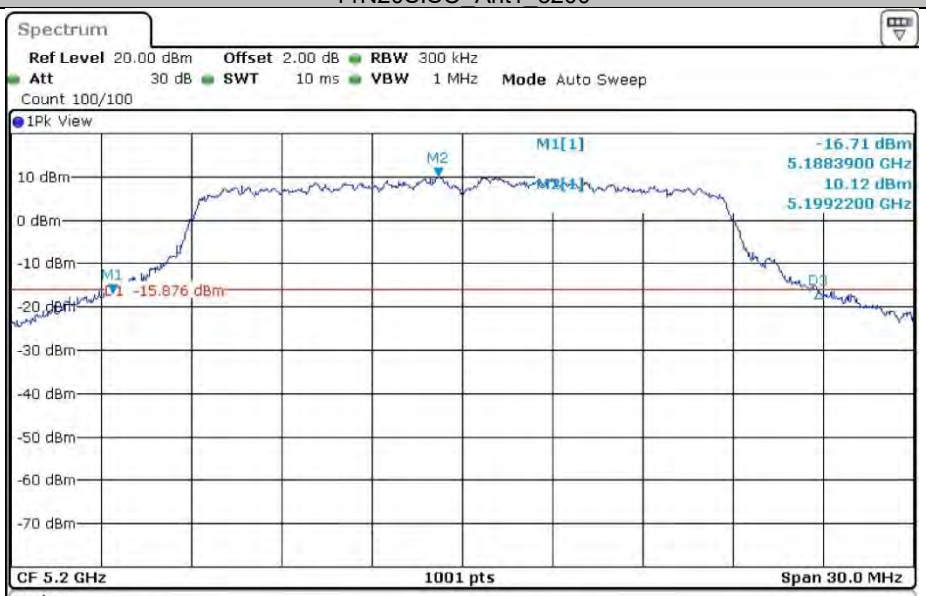
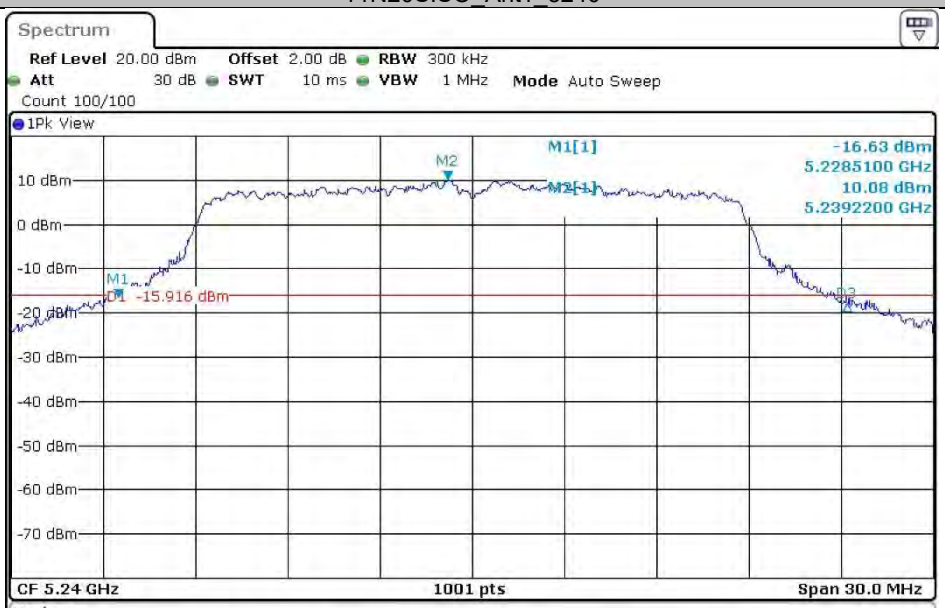


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.18839 GHz	-16.71 dBm		
M2		1	5.19922 GHz	10.12 dBm		
D3	M1	1	23.43 MHz	0.48 dB		

Date: 31.JAN.2021 11:47:47

11N20SISO_Ant1_5240



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.22851 GHz	-16.63 dBm		
M2		1	5.23922 GHz	10.08 dBm		
D3	M1	1	23.67 MHz	-1.14 dB		

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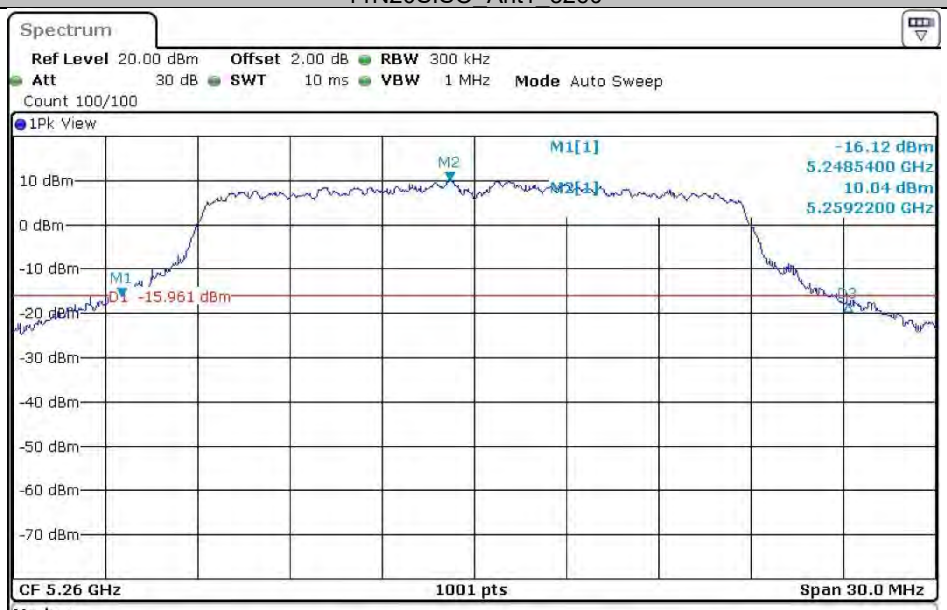
11N20SISO_Ant1_5260

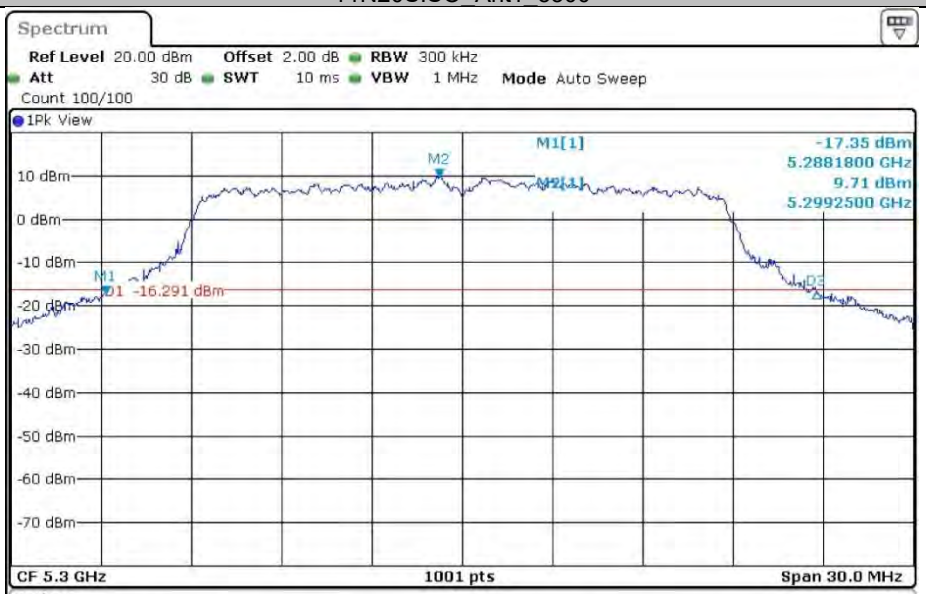


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.24854 GHz	-16.12 dBm		
M2		1	5.25922 GHz	10.04 dBm		
D3	M1	1	23.61 MHz	-1.71 dB		

Date: 31.JAN.2021 11:50:12

11N20SISO_Ant1_5300



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.28818 GHz	-17.35 dBm		
M2		1	5.29925 GHz	9.71 dBm		
D3	M1	1	23.58 MHz	0.83 dB		

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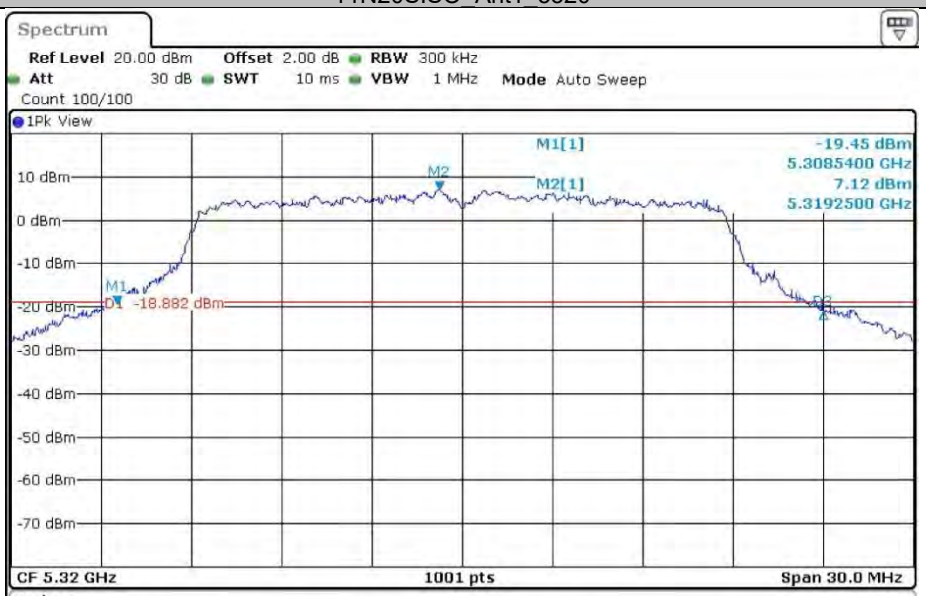

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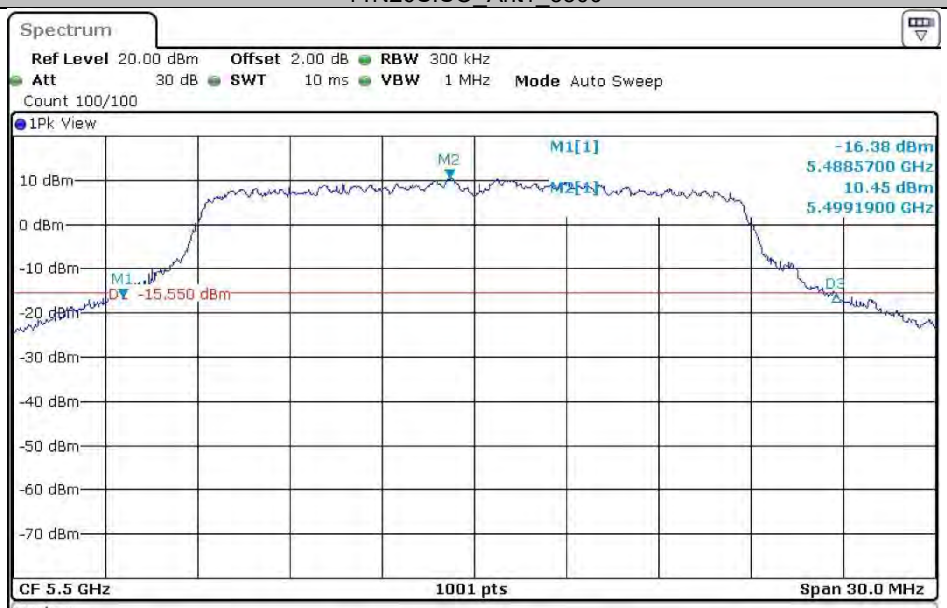
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.30854 GHz	-19.45 dBm		
M2		1	5.31925 GHz	7.12 dBm		
D3	M1	1	23.46 MHz	-1.56 dB		

Date: 31.JAN.2021 11:52:44

11N20SISO_Ant1_5500



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.48857 GHz	-16.38 dBm		
M2		1	5.49919 GHz	10.45 dBm		
D3	M1	1	23.19 MHz	0.78 dB		

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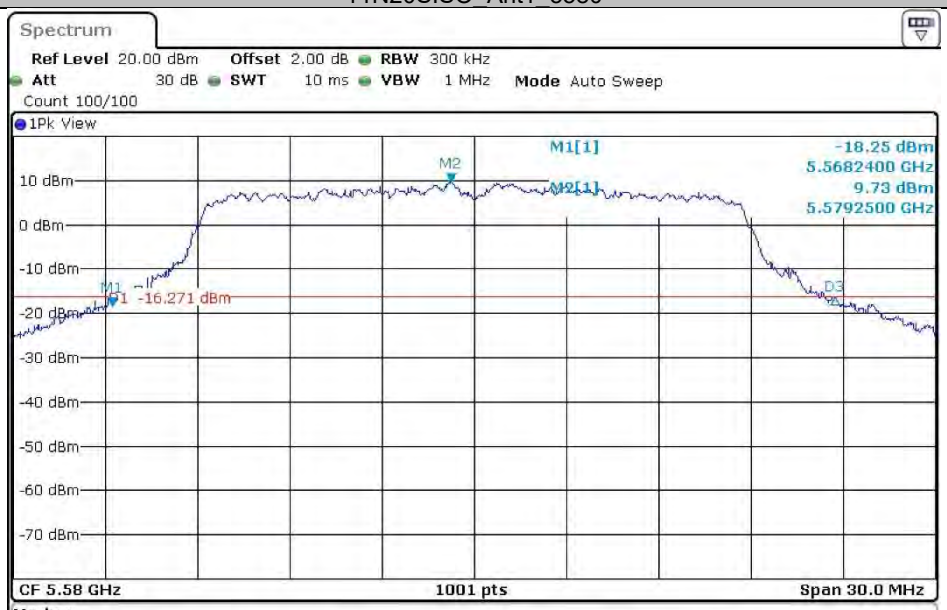

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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.56824 GHz	-18.25 dBm		
M2		1	5.57925 GHz	9.73 dBm		
D3	M1	1	23.49 MHz	1.95 dB		

Date: 31.JAN.2021 11:55:59

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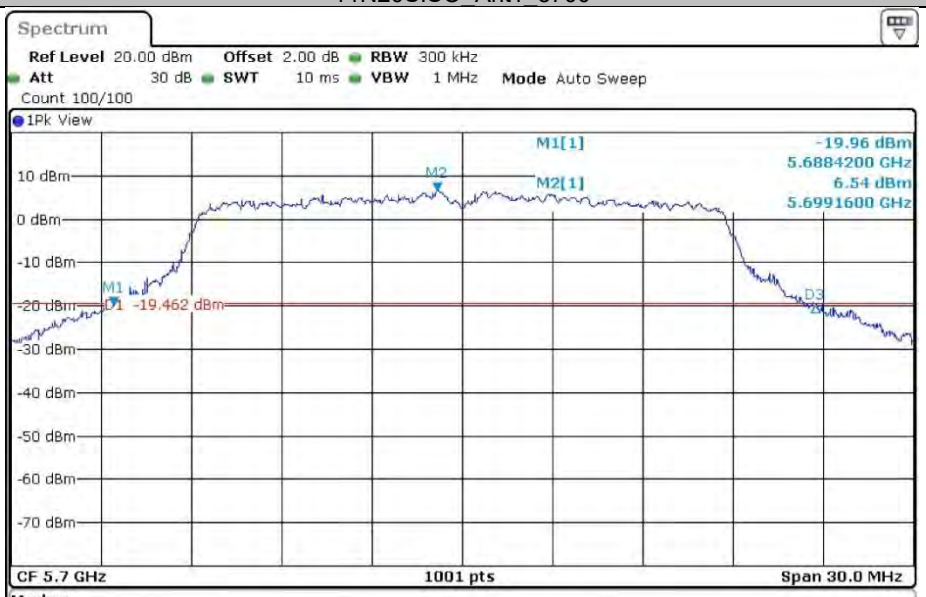

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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.68842 GHz	-19.96 dBm		
M2		1	5.69916 GHz	6.54 dBm		
D3	M1	1	23.31 MHz	0.37 dB		

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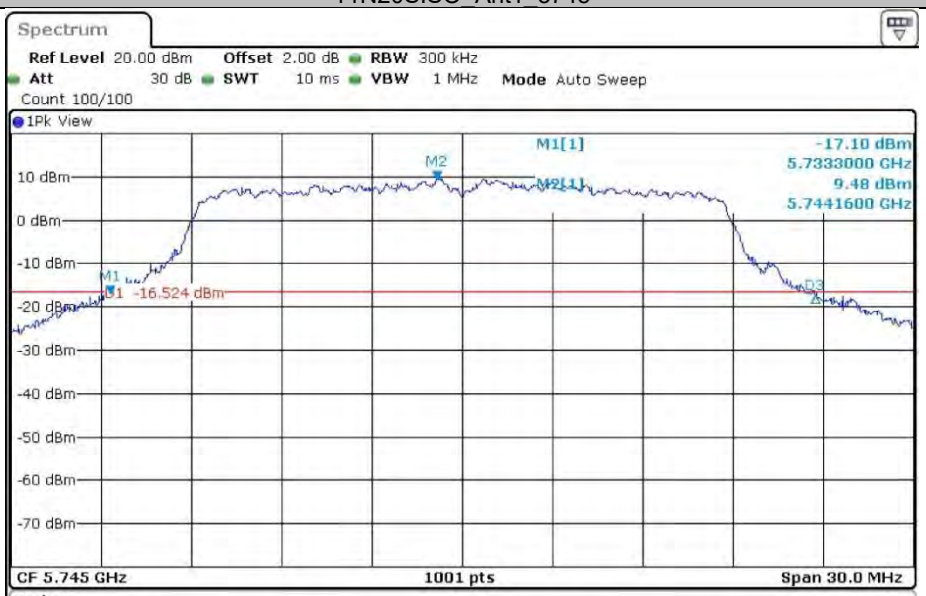

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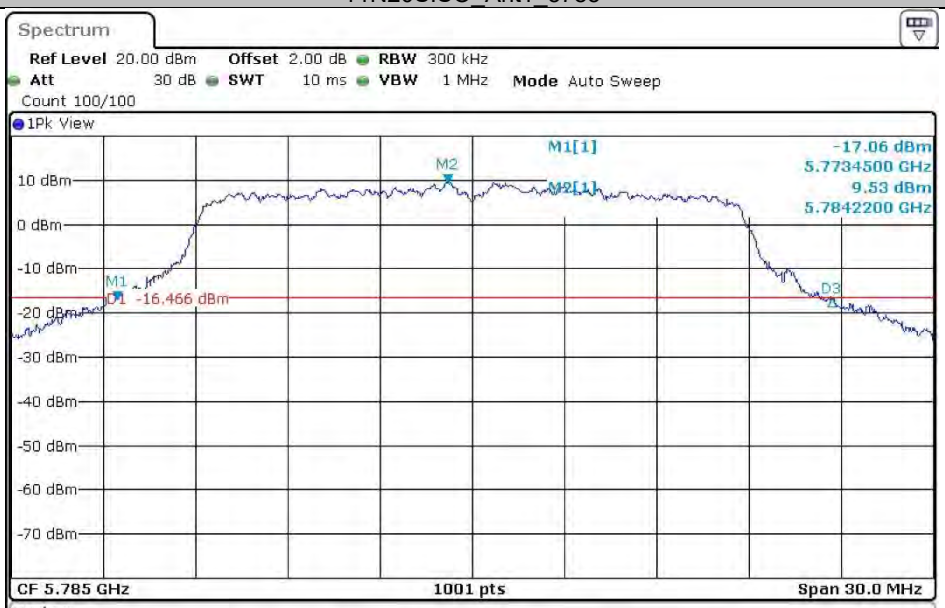
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7333 GHz	-17.10 dBm		
M2		1	5.74416 GHz	9.48 dBm		
D3	M1	1	23.43 MHz	-0.15 dB		

Date: 31.JAN.2021 11:58:14

11N20SISO_Ant1_5785



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.77345 GHz	-17.06 dBm		
M2		1	5.78422 GHz	9.53 dBm		
D3	M1	1	23.25 MHz	0.28 dB		

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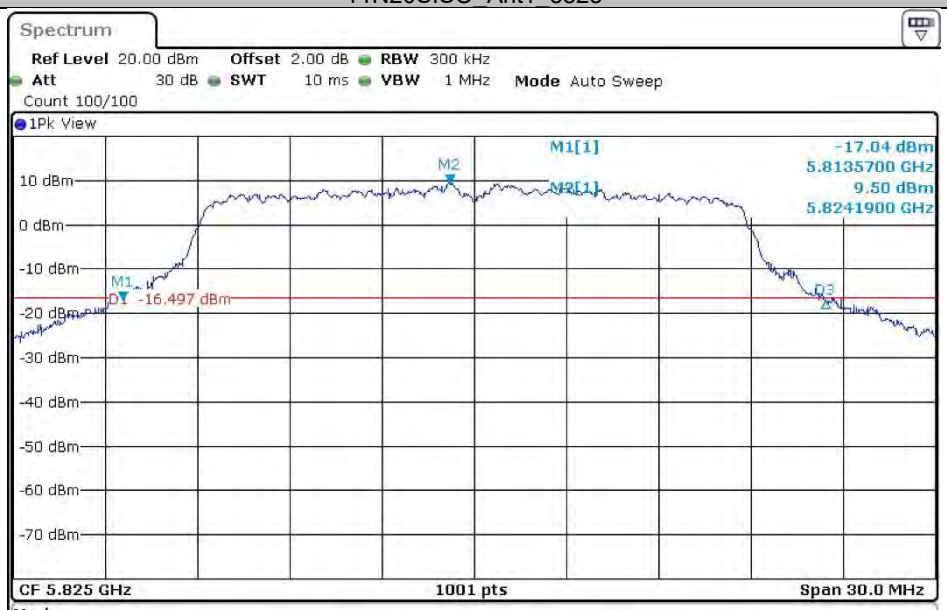
11N20SISO_Ant1_5825

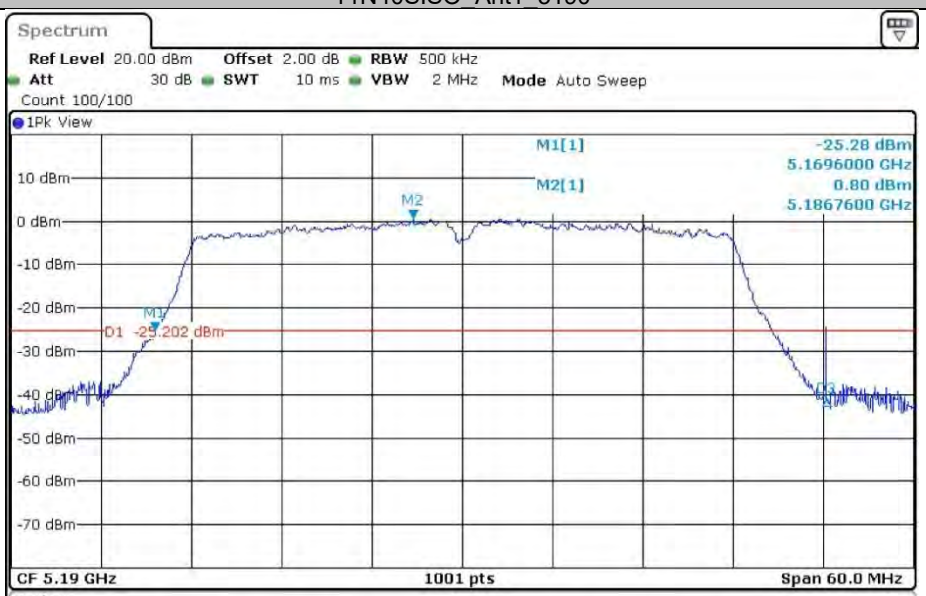


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.81357 GHz	-17.04 dBm		
M2		1	5.82419 GHz	9.50 dBm		
D3	M1	1	22.83 MHz	0.04 dB		

Date: 31.JAN.2021 12:01:00

11N40SISO_Ant1_5190



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.1696 GHz	-25.28 dBm		
M2		1	5.18676 GHz	0.80 dBm		
D3	M1	1	44.64 MHz	-15.59 dB		

Date: 31.JAN.2021 15:22:55

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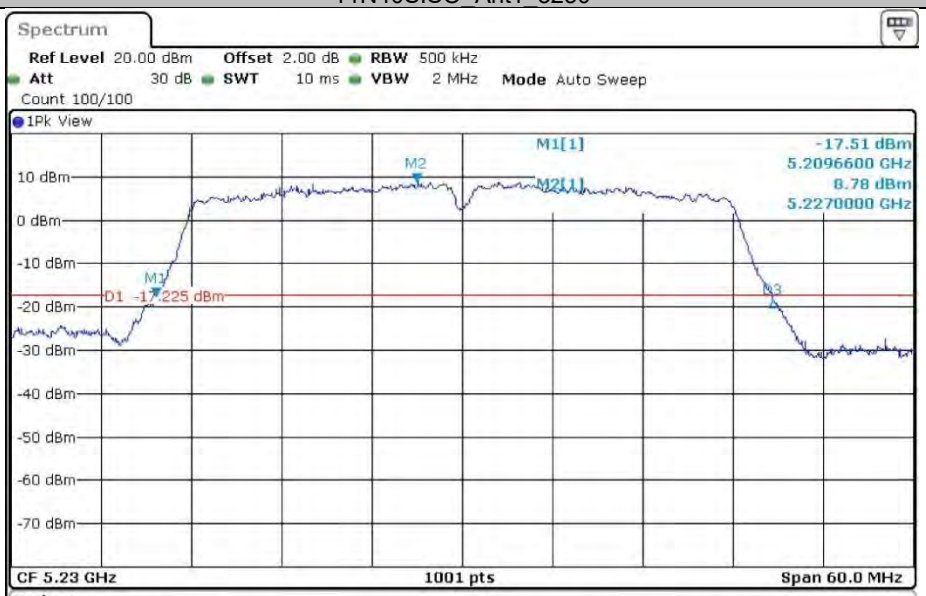
11N40SISO_Ant1_5230

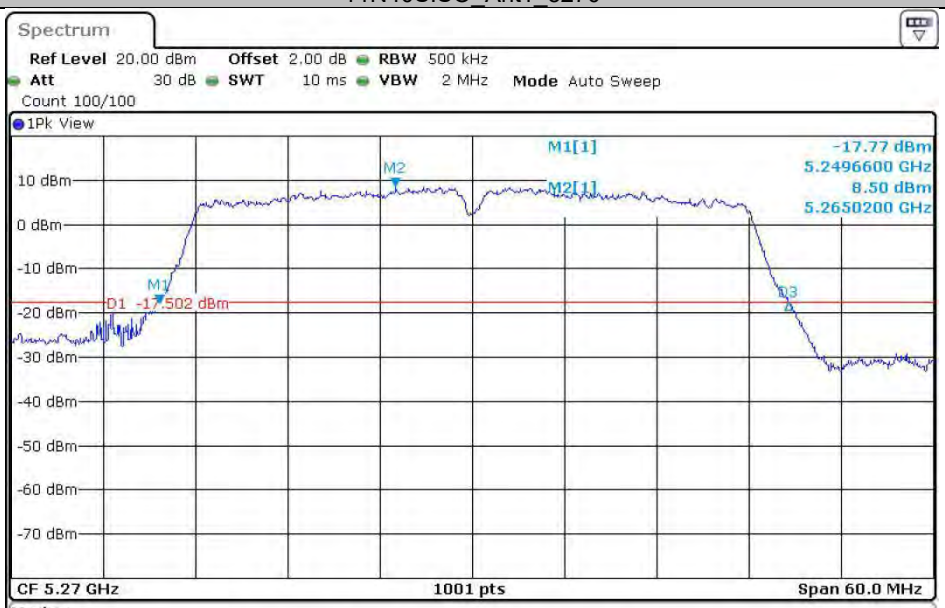


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.20966 GHz	-17.51 dBm		
M2		1	5.227 GHz	8.78 dBm		
D3	M1	1	40.98 MHz	-0.76 dB		

Date: 31.JAN.2021 15:25:06

11N40SISO_Ant1_5270



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.24966 GHz	-17.77 dBm		
M2		1	5.26502 GHz	8.50 dBm		
D3	M1	1	40.92 MHz	0.12 dB		

Date: 31.JAN.2021 15:26:18

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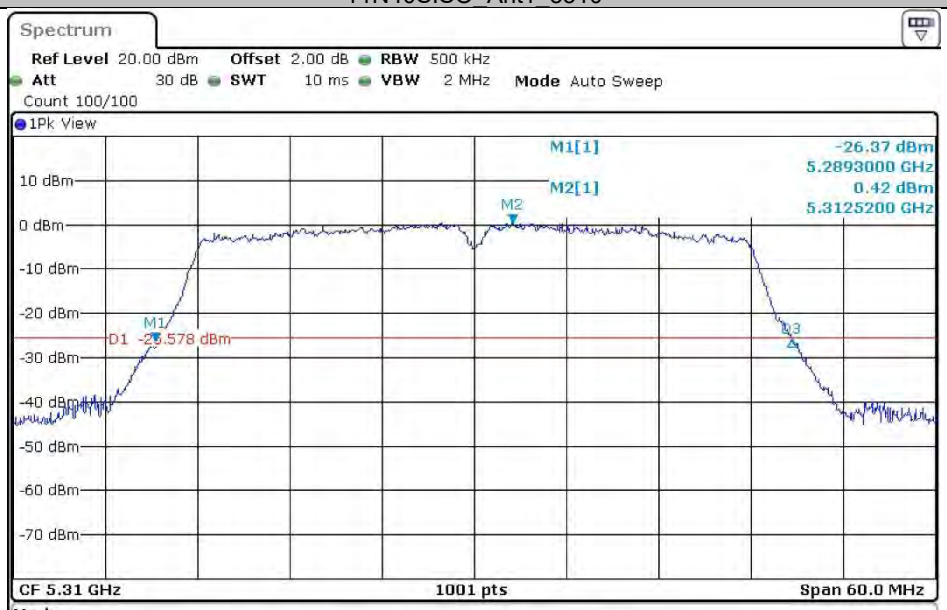
11N40SISO_Ant1_5310

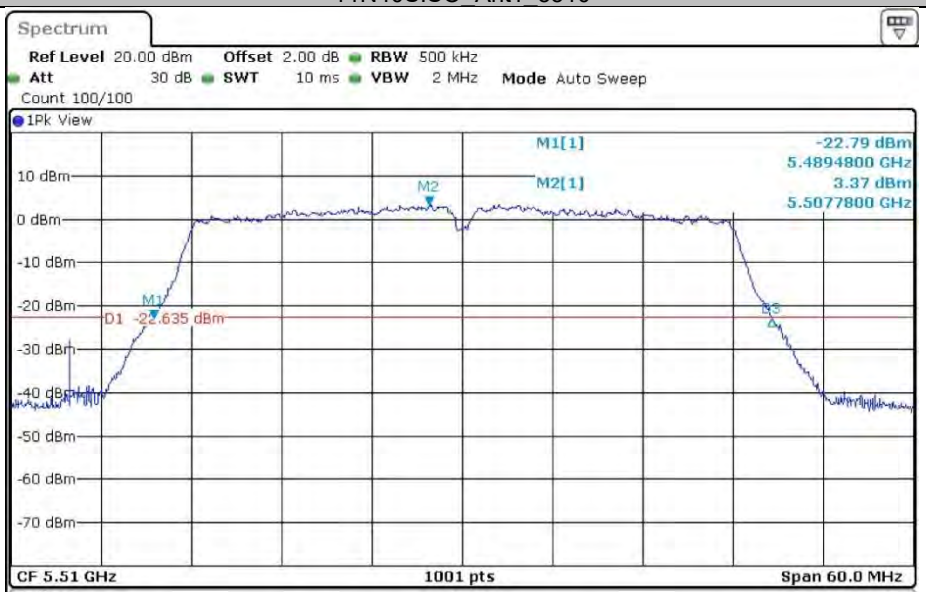


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2893 GHz	-26.37 dBm		
M2		1	5.31252 GHz	0.42 dBm		
D3	M1	1	41.34 MHz	0.53 dB		

Date: 31.JAN.2021 15:27:28

11N40SISO_Ant1_5510



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.48948 GHz	-22.79 dBm		
M2		1	5.50778 GHz	3.37 dBm		
D3	M1	1	41.1 MHz	-0.19 dB		

Date: 31.JAN.2021 15:30:11

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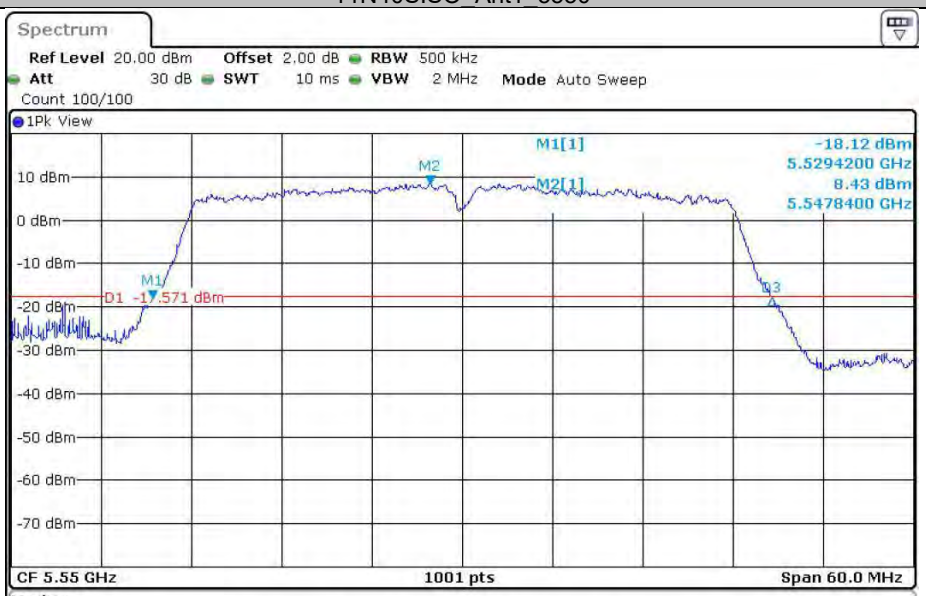
11N40SISO_Ant1_5550

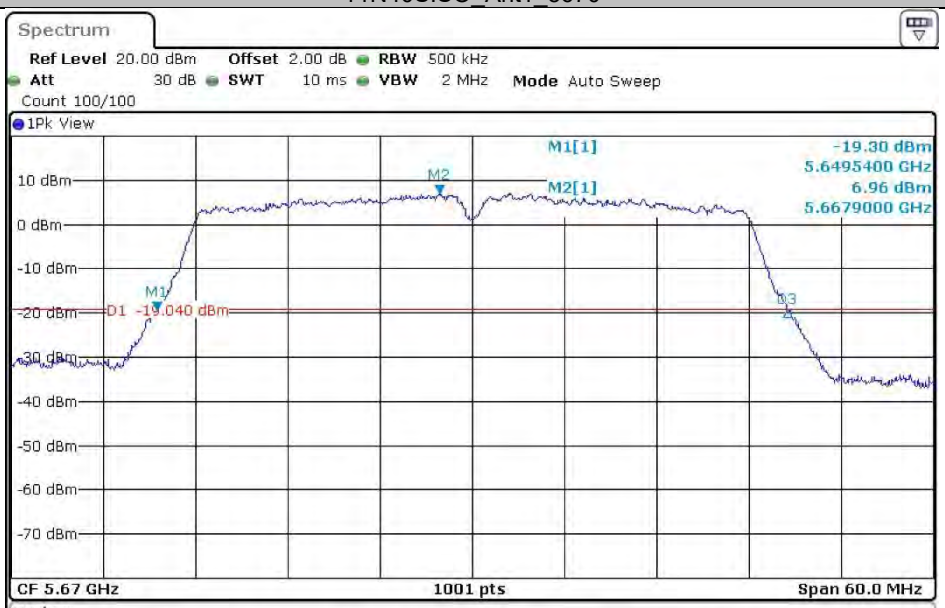


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.52942 GHz	-18.12 dBm		
M2		1	5.54784 GHz	8.43 dBm		
D3	M1	1	41.16 MHz	0.17 dB		

Date: 31.JAN.2021 15:31:19

11N40SISO_Ant1_5670



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.64954 GHz	-19.30 dBm		
M2		1	5.6679 GHz	6.96 dBm		
D3	M1	1	40.92 MHz	0.21 dB		

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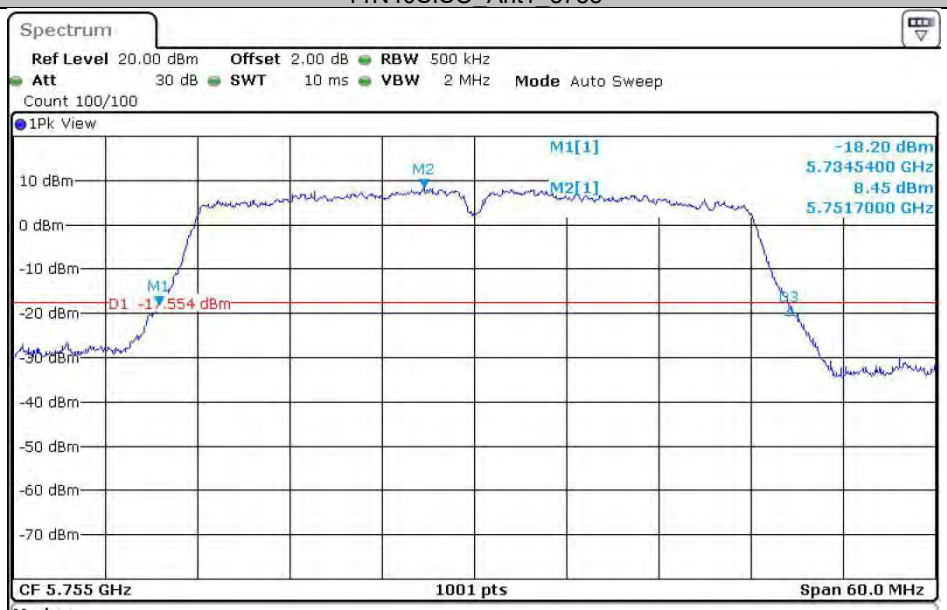
11N40SISO_Ant1_5755

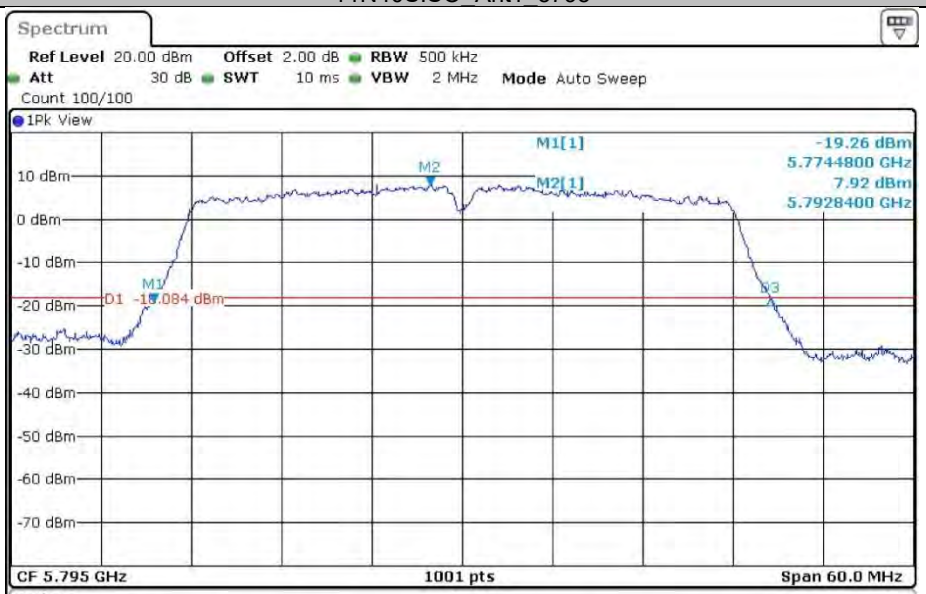


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.73454 GHz	-18.20 dBm		
M2		1	5.7517 GHz	8.45 dBm		
D3	M1	1	40.98 MHz	-0.34 dB		

Date: 31.JAN.2021 15:34:54

11N40SISO_Ant1_5795



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.77448 GHz	-19.26 dBm		
M2		1	5.79284 GHz	7.92 dBm		
D3	M1	1	41.04 MHz	1.06 dB		

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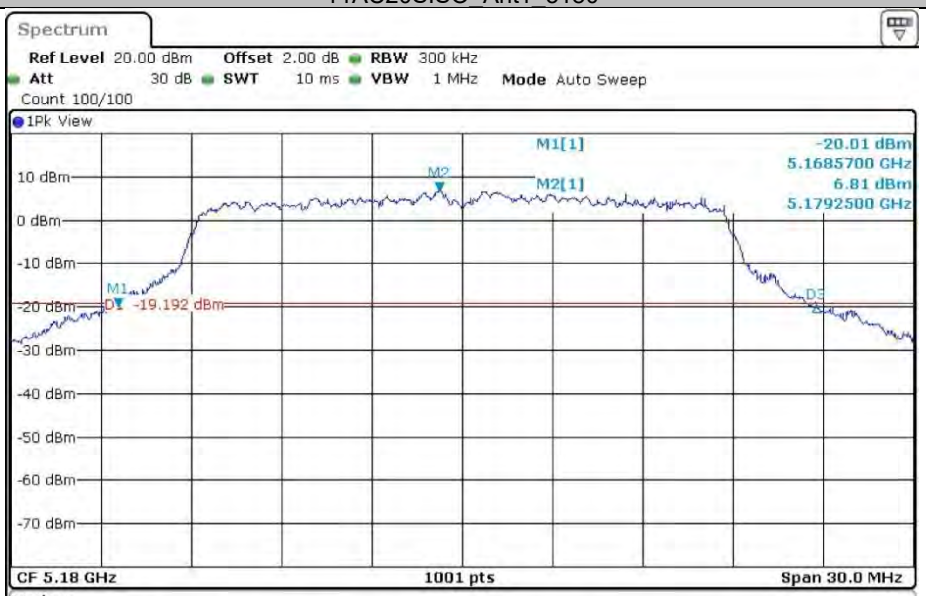
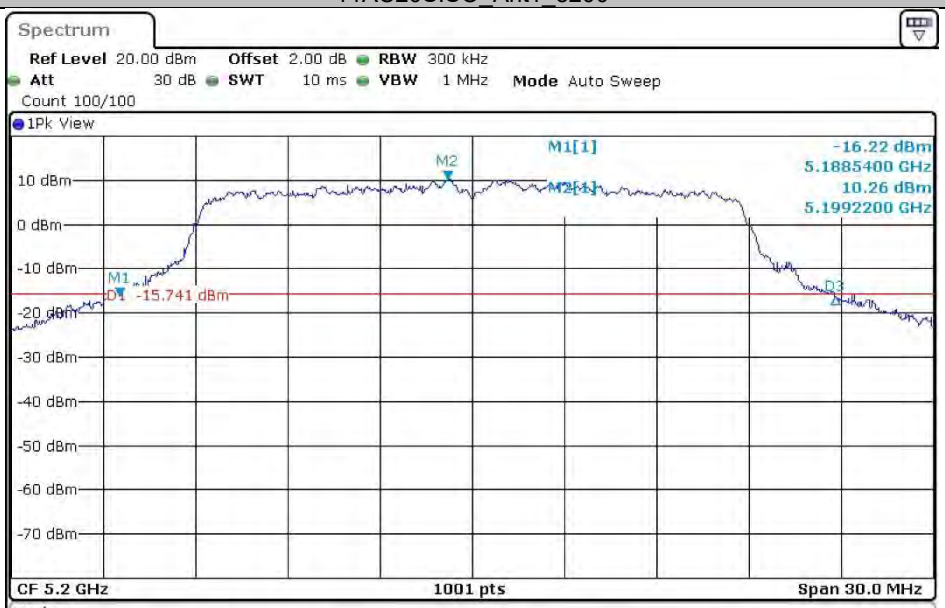


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.16857 GHz	-20.01 dBm		
M2		1	5.17925 GHz	6.81 dBm		
D3	M1	1	23.19 MHz	0.66 dB		

Date: 31.JAN.2021 12:23:15

11AC20SISO_Ant1_5200



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.18854 GHz	-16.22 dBm		
M2		1	5.19922 GHz	10.26 dBm		
D3	M1	1	23.25 MHz	0.00 dB		

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