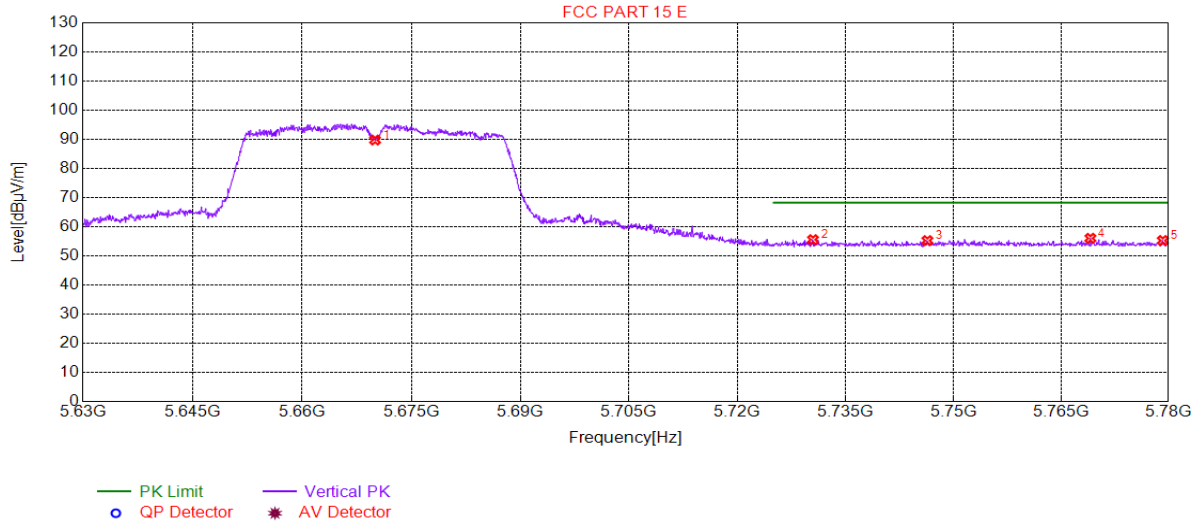


### 4.10.1.48 802.11N40\_Channel 134

#### 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

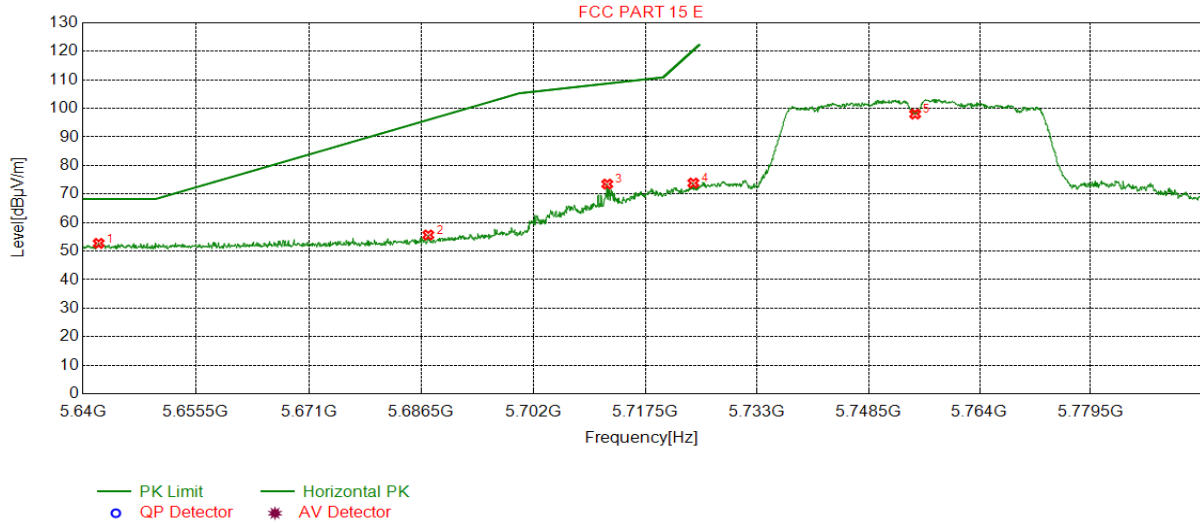


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### 4.10.1.49 802.11N40\_Channel 151

#### 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

#### Final Data List

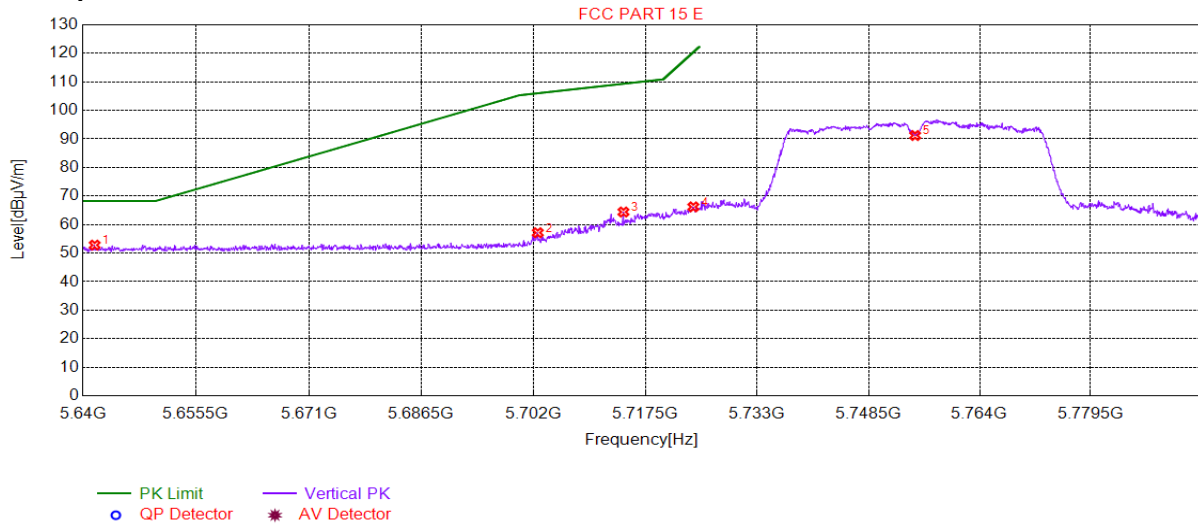


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### 4.10.1.50 802.11N40\_Channel 151

#### 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

#### Final Data List

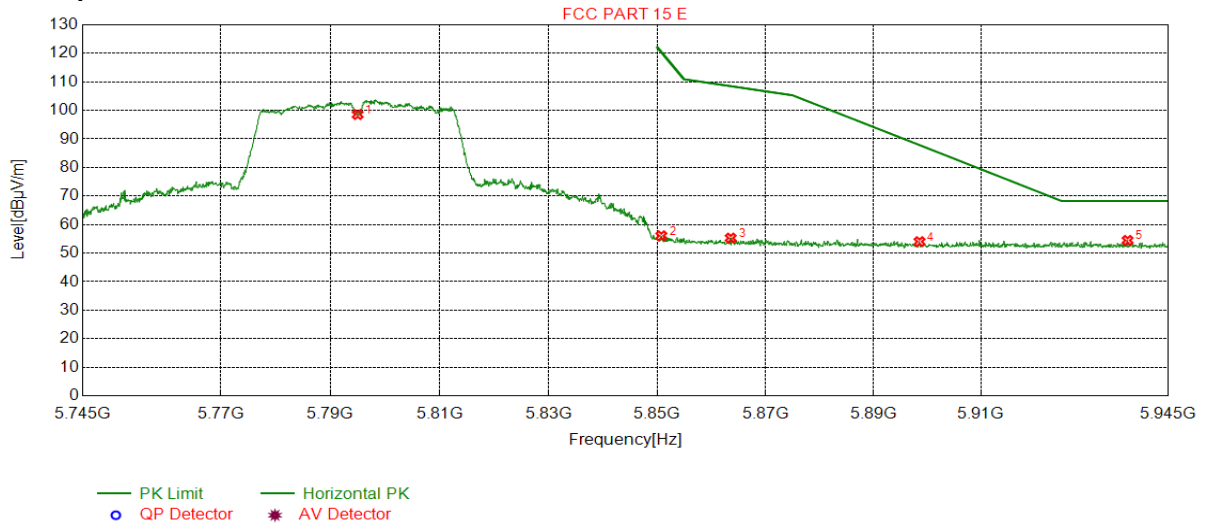


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### 4.10.1.51 802.11N40\_Channel 159

#### 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

#### Final Data List

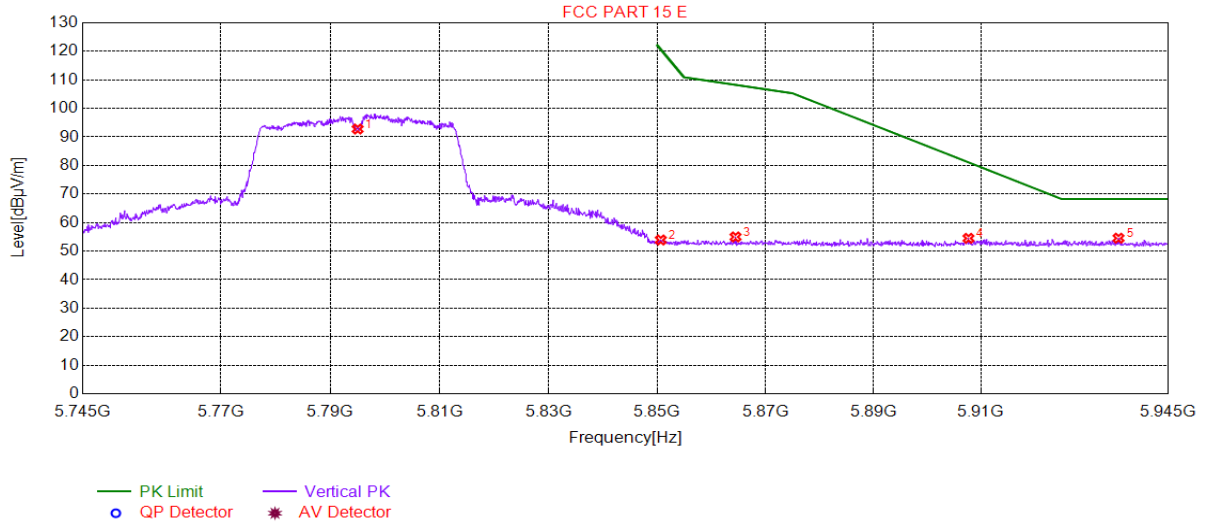


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### 4.10.1.52 802.11N40\_Channel 159

#### 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

#### Final Data List

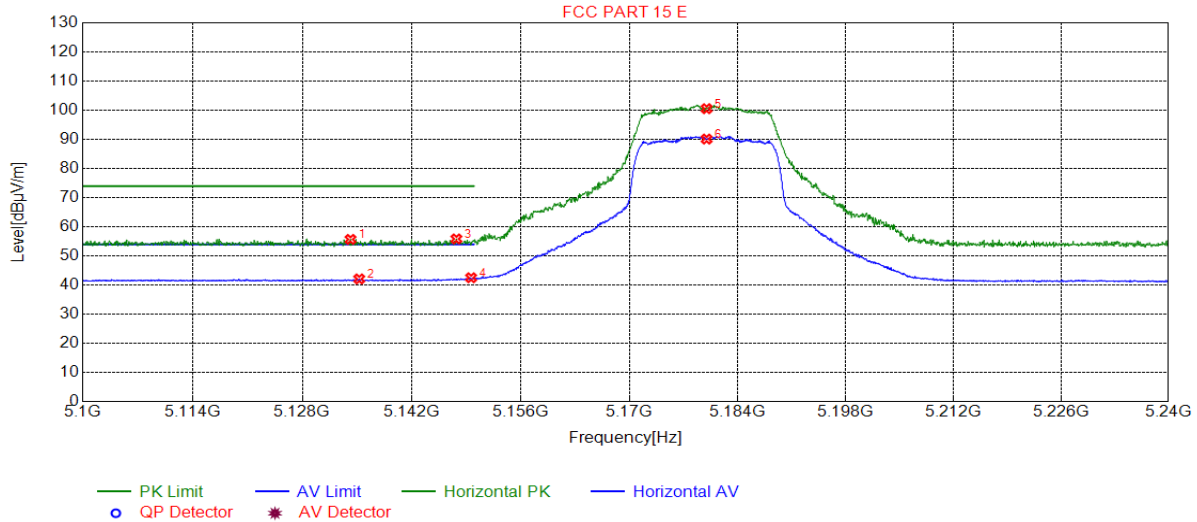


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### 4.10.1.53 802.11AC20\_Channel 36

#### 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

#### Final Data List

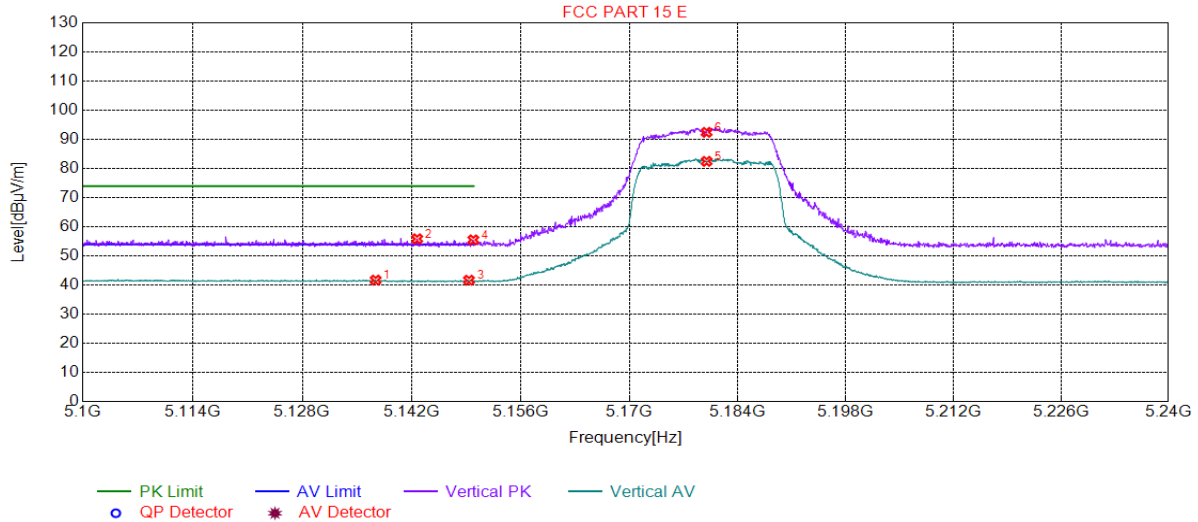


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### 4.10.1.54 802.11AC20\_Channel 36

#### 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

#### Final Data List

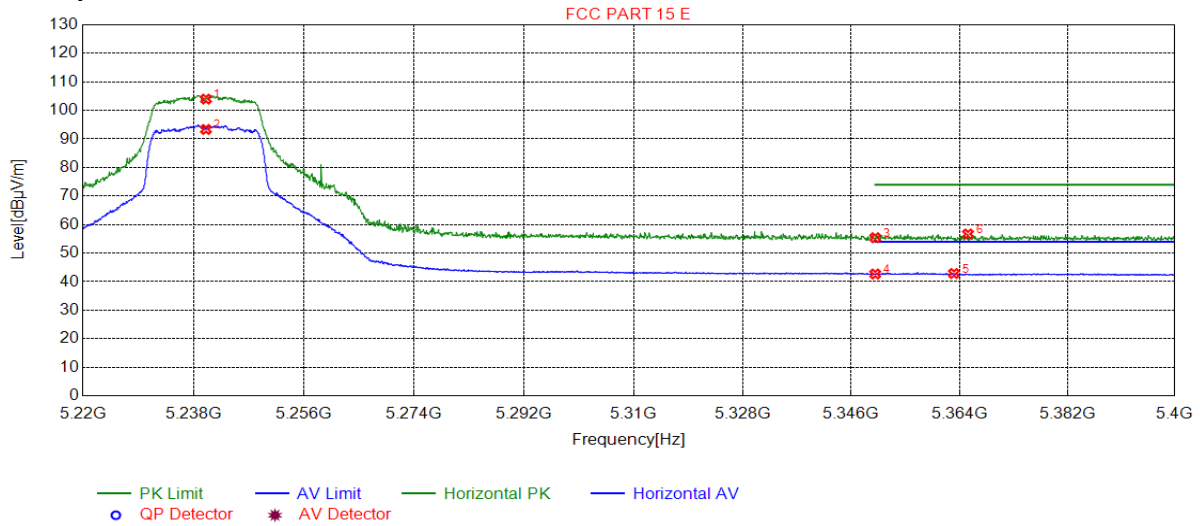


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### 4.10.1.55 802.11AC20\_Channel 48

#### 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

#### Final Data List



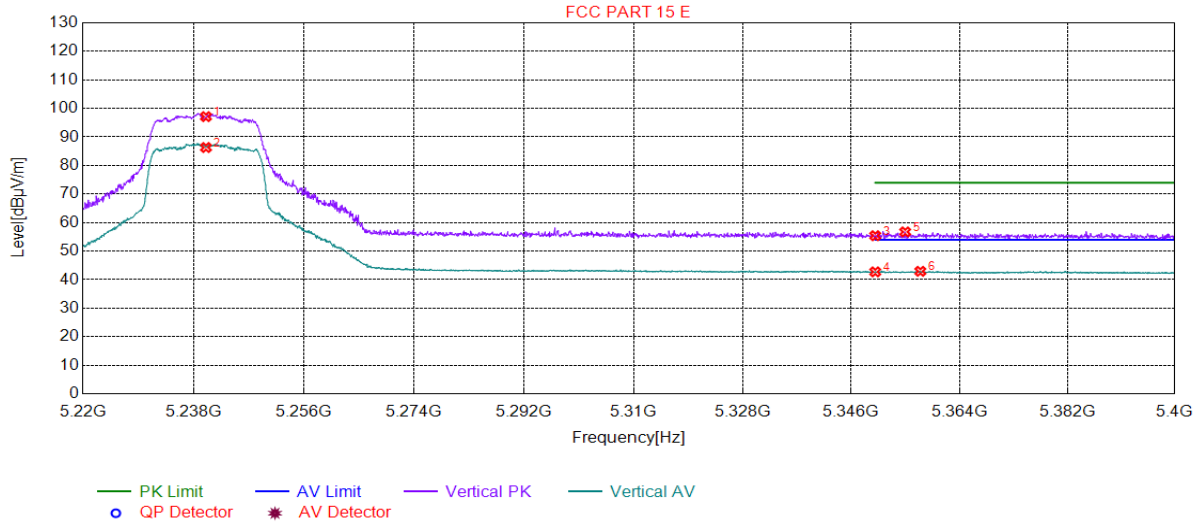
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### 4.10.1.56 802.11AC20\_Channel 48

#### 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

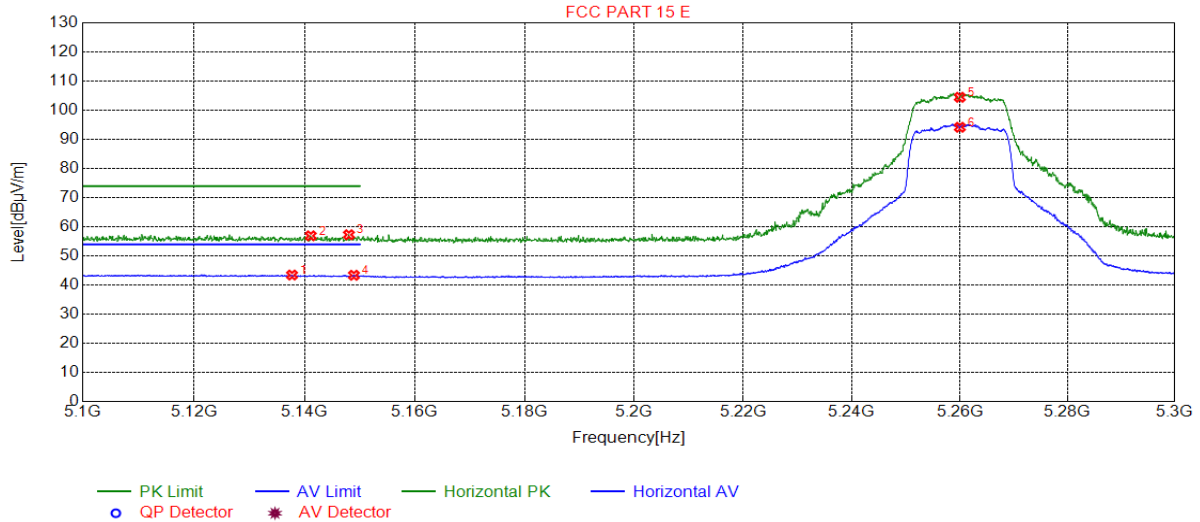
#### Final Data List



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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

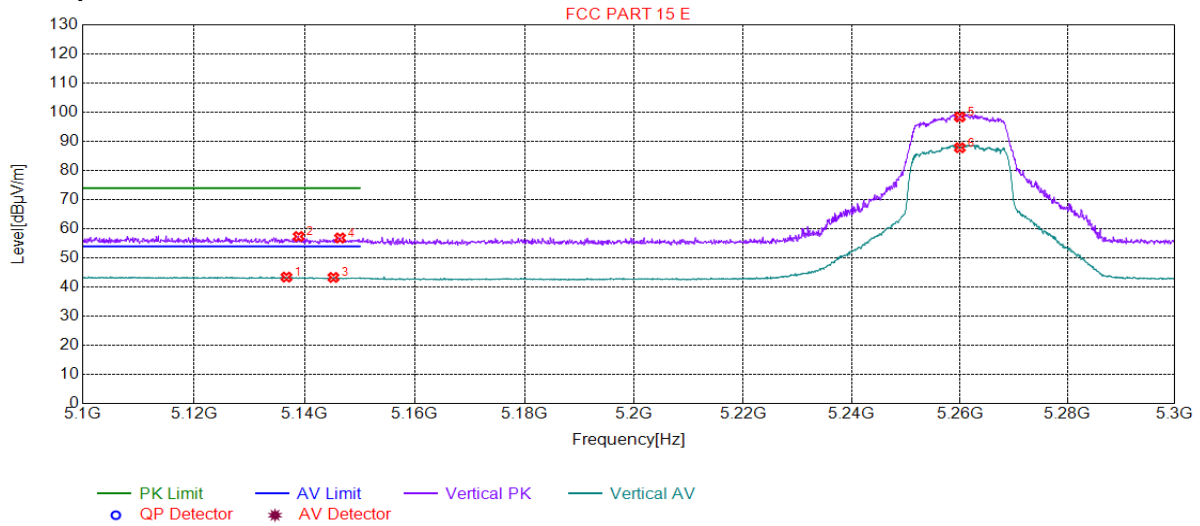


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### 4.10.1.58 802.11AC20\_Channel 52

#### 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

#### Final Data List

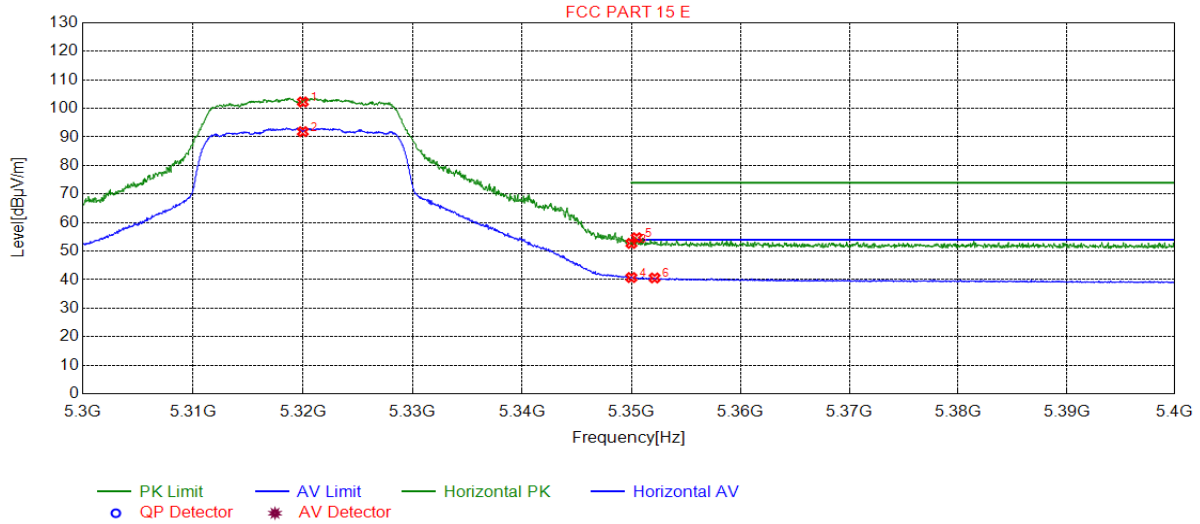


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### 4.10.1.59 802.11AC20\_Channel 64

#### 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	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

#### Final Data List



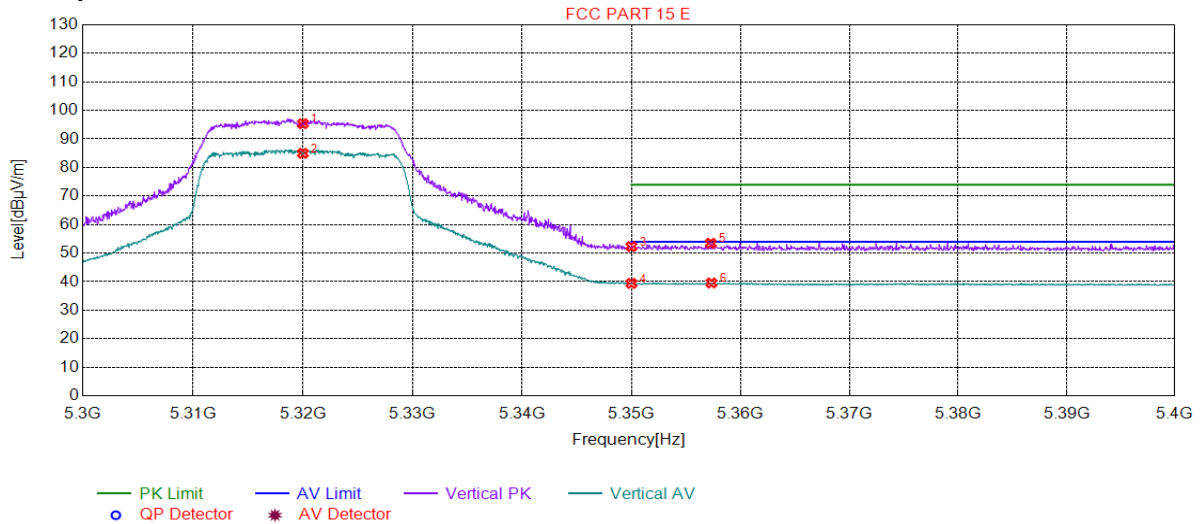
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### 4.10.1.60 802.11AC20\_Channel 64

#### 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

#### Final Data List



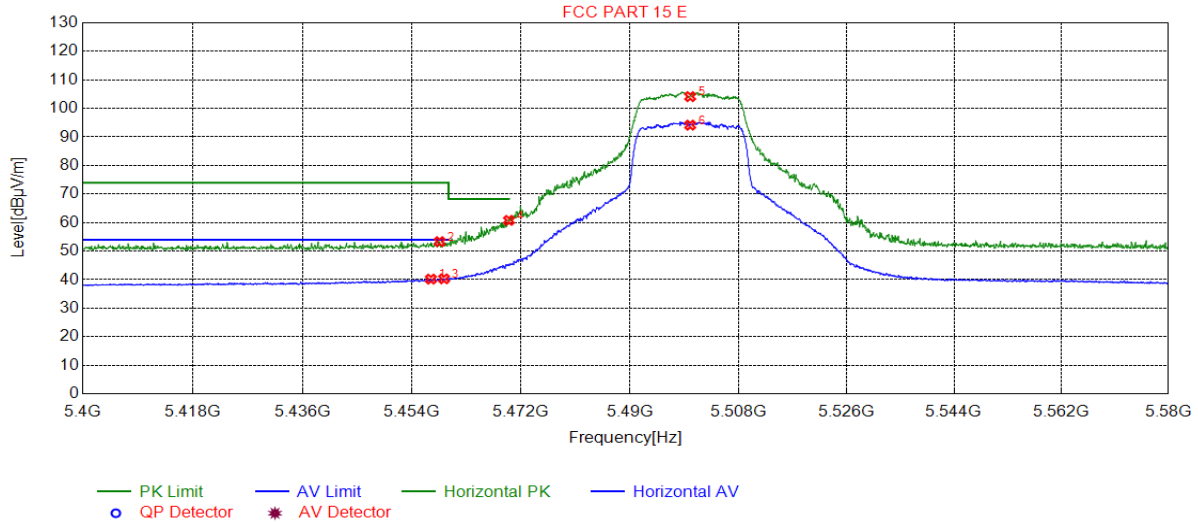
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### 4.10.1.61 802.11AC20\_Channel 100

#### 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

#### Final Data List

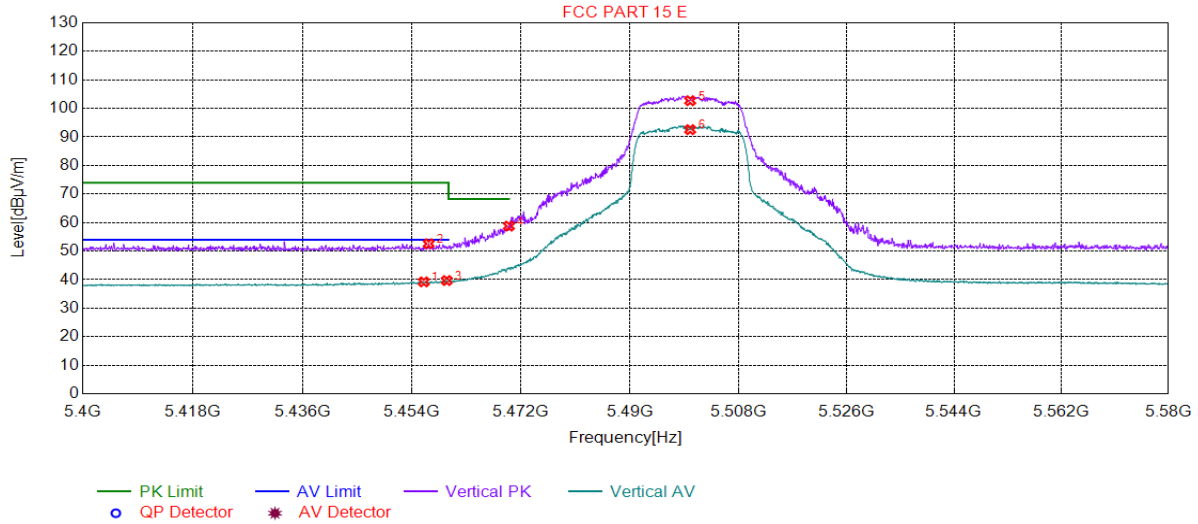


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### 4.10.1.62 802.11AC20\_Channel 100

#### 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

#### Final Data List

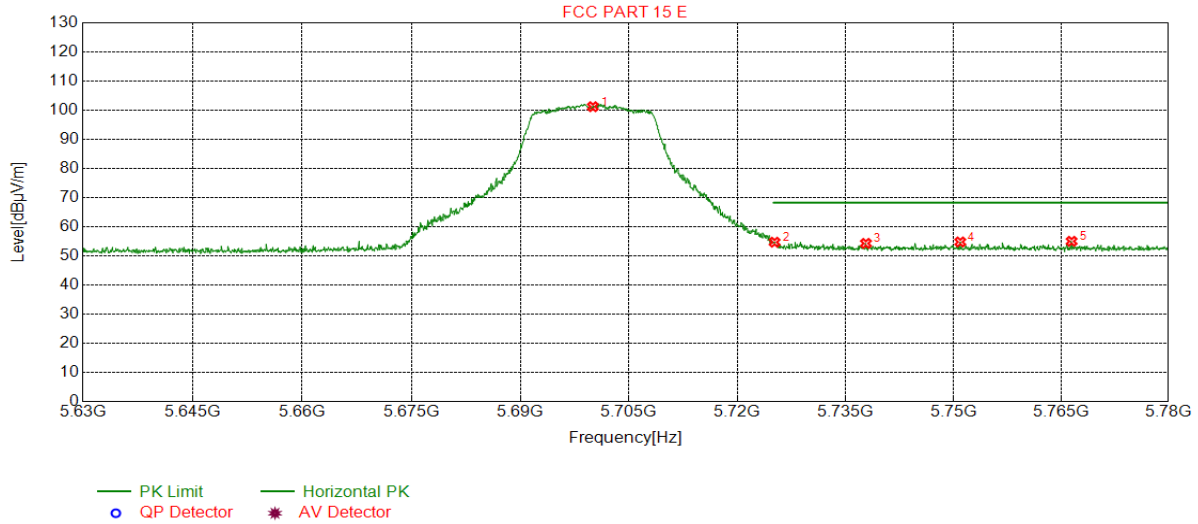


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### 4.10.1.63 802.11AC20\_Channel 140

#### 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

#### Final Data List

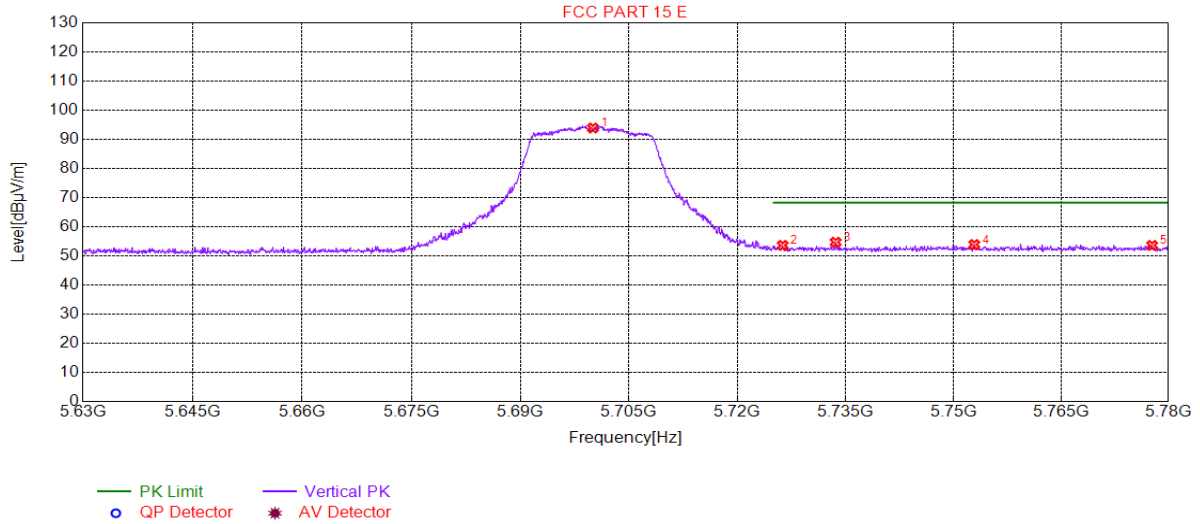


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**4.10.1.64 802.11AC20\_Channel 140**

**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

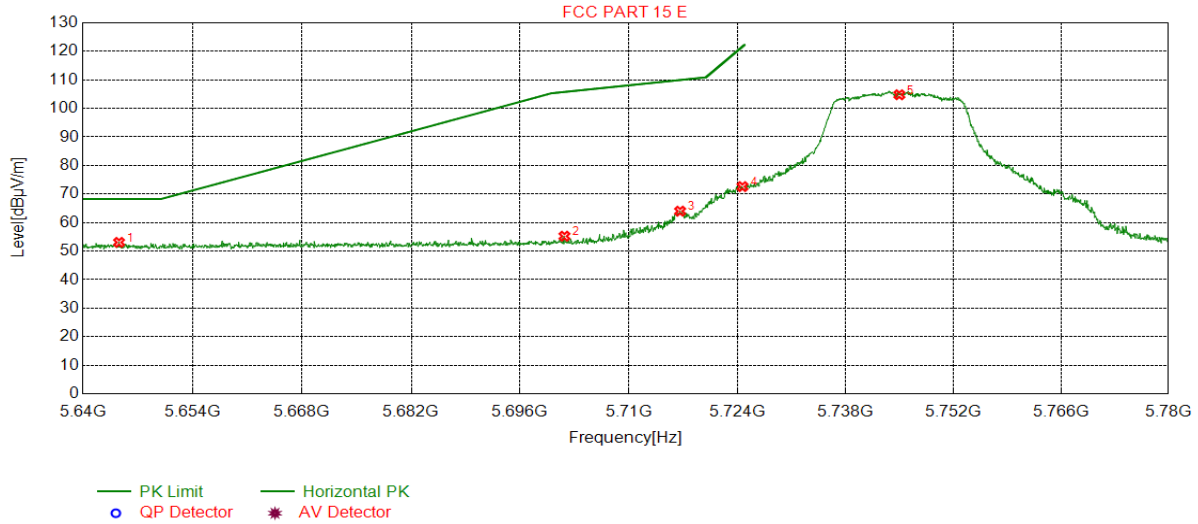
**Final Data List**



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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

#### Final Data List



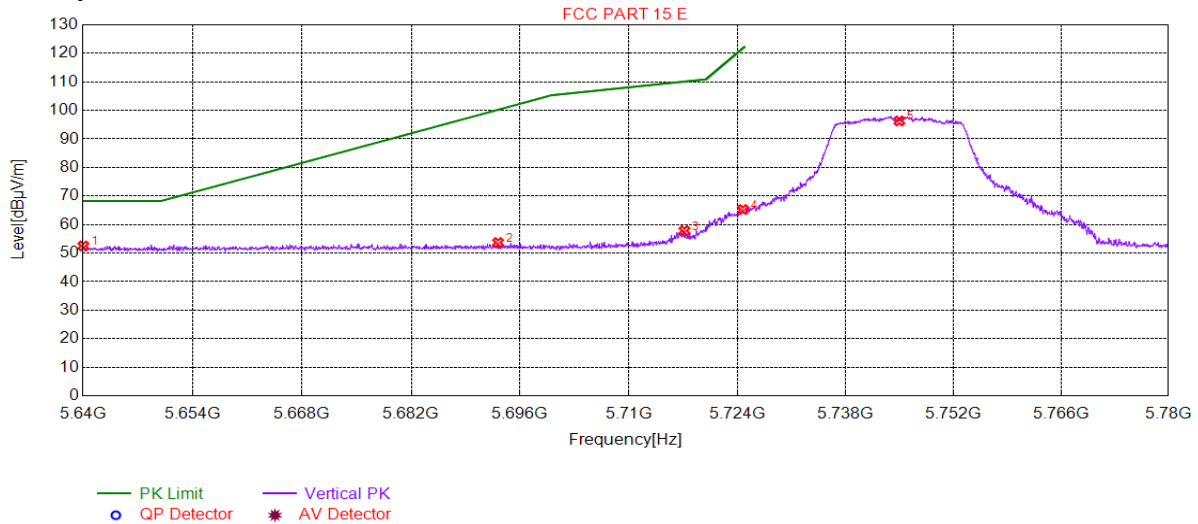
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### 4.10.1.66 802.11AC20\_Channel 149

#### 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

#### Final Data List

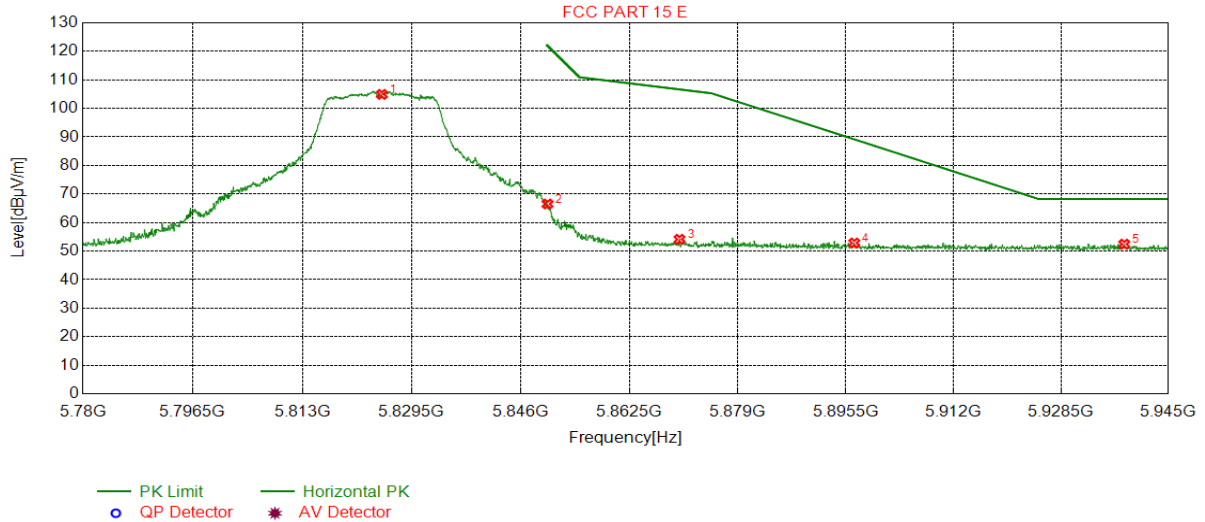


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### 4.10.1.67 802.11AC20\_Channel 165

#### 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

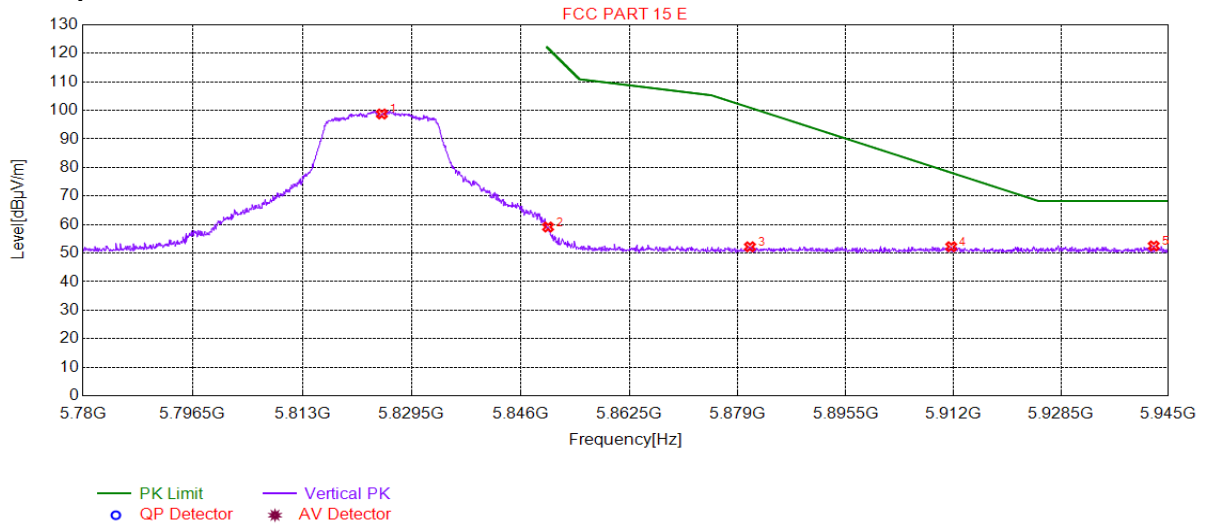


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### 4.10.1.68 802.11AC20\_Channel 165

#### 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

#### Final Data List

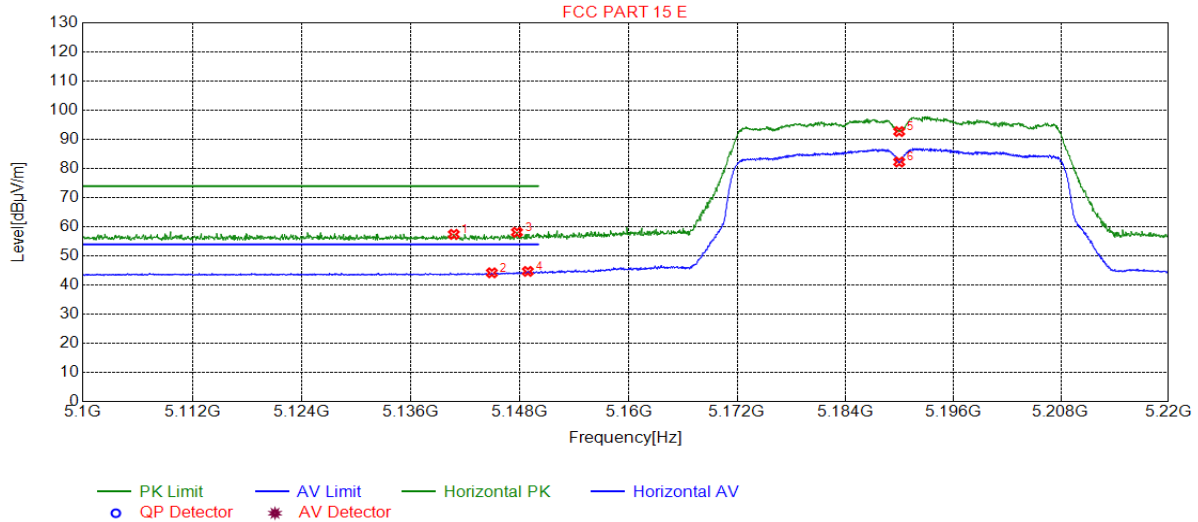


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### 4.10.1.69 802.11AC40\_Channel 38

#### 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

#### Final Data List



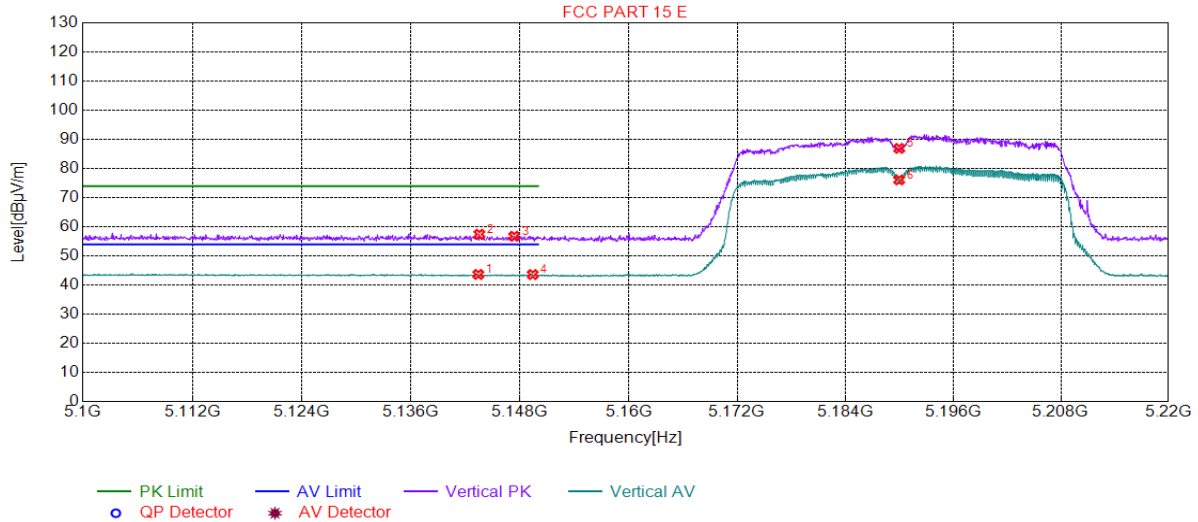
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### 4.10.1.70 802.11AC40\_Channel 38

#### 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

#### Final Data List



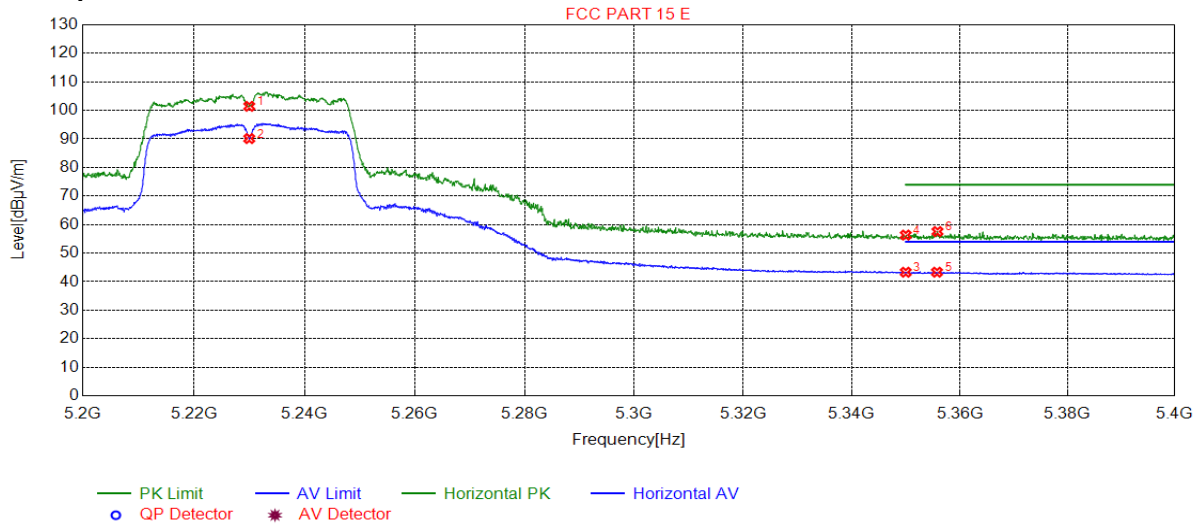
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### 4.10.1.71 802.11AC40\_Channel 46

#### 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

#### Final Data List

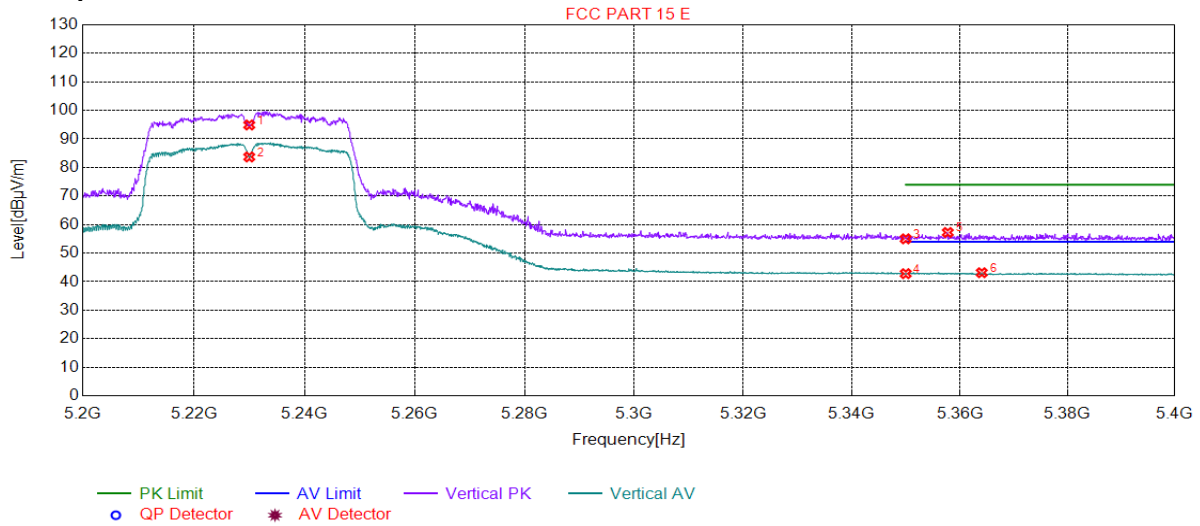


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### 4.10.1.72 802.11AC40\_Channel 46

#### 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

#### Final Data List

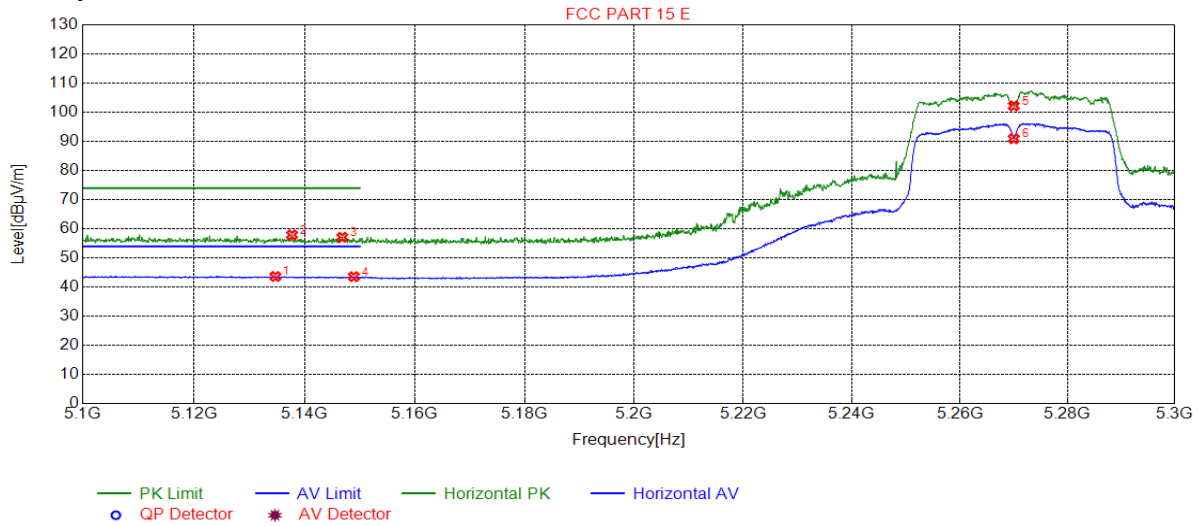


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### 4.10.1.73 802.11AC40\_Channel 54

#### 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

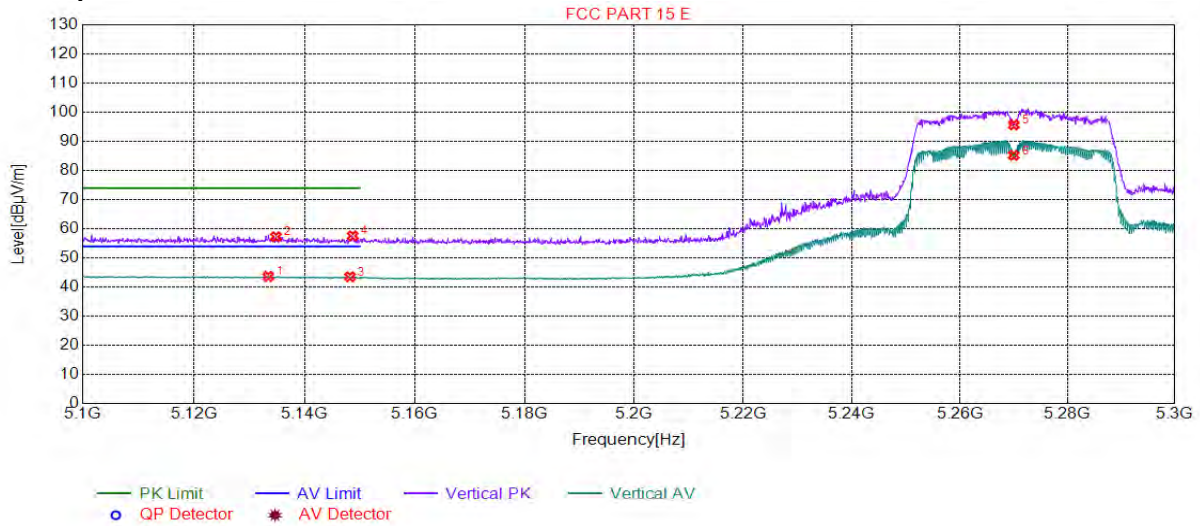
#### Final Data List



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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

#### Final Data List



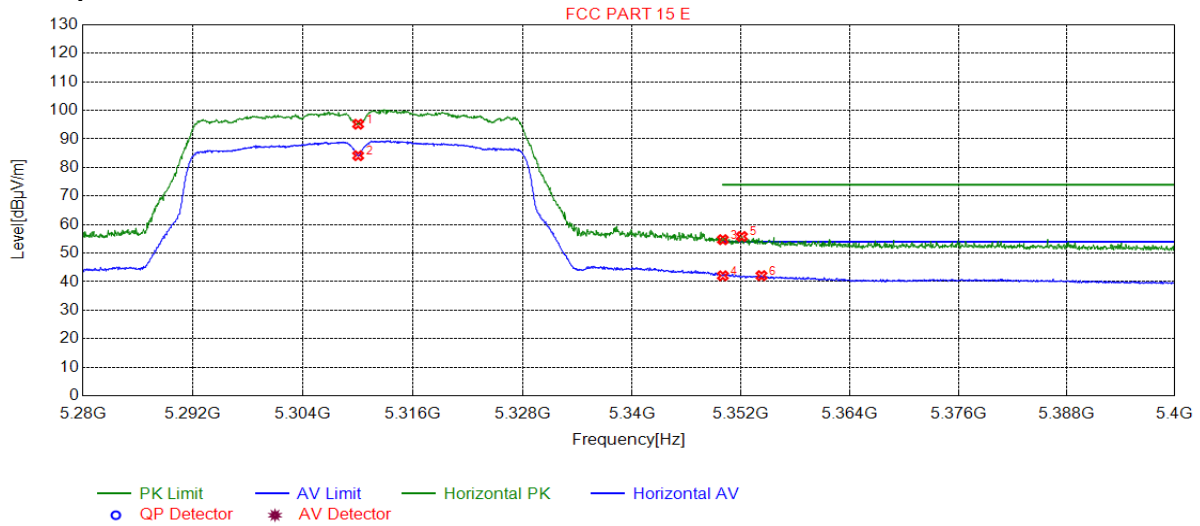
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### 4.10.1.75 802.11AC40\_Channel 62

#### 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

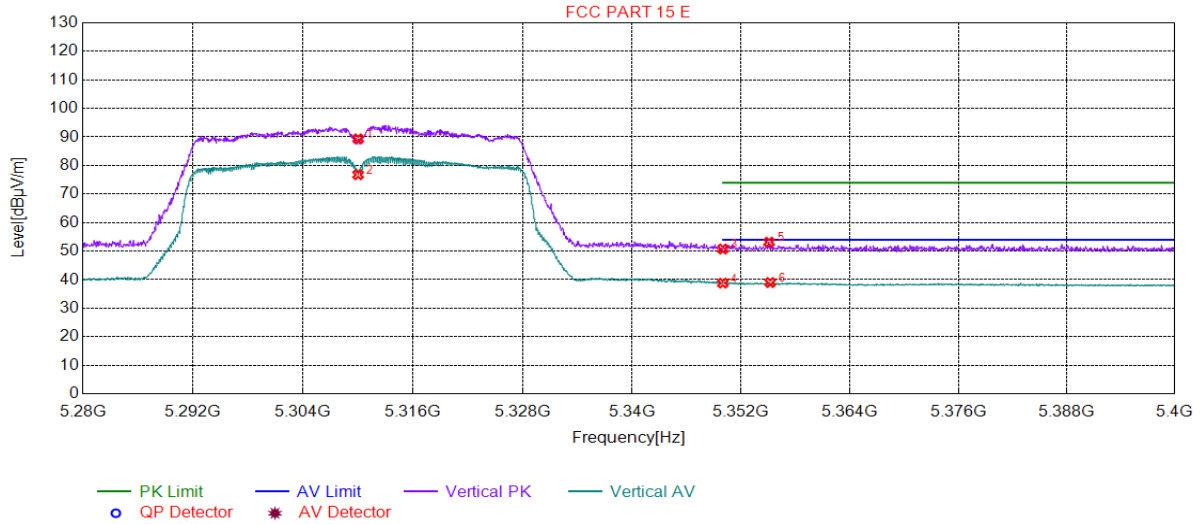
#### Final Data List



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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

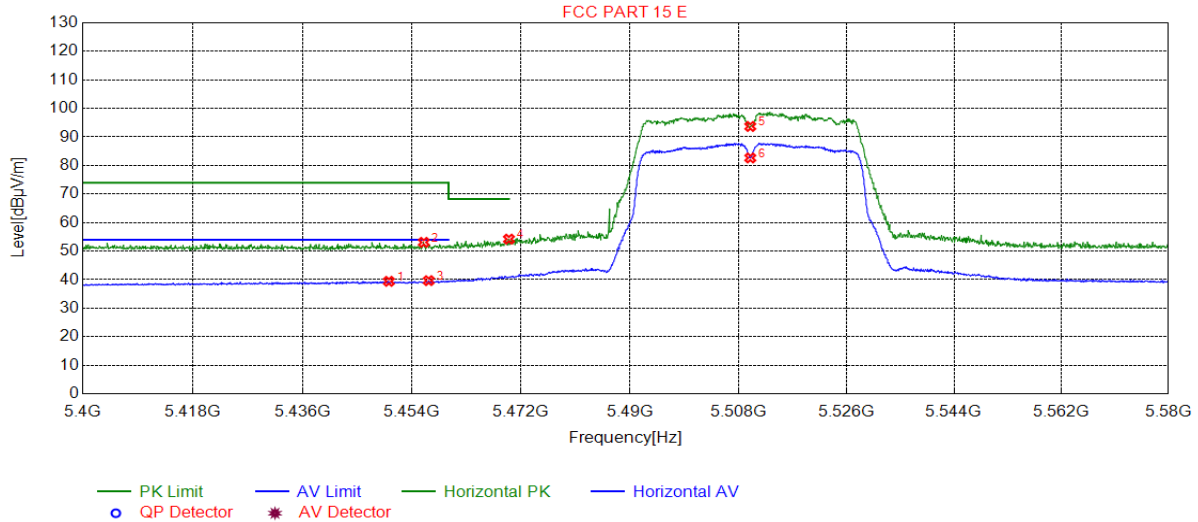


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### 4.10.1.77 802.11AC40\_Channel 102

#### 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

#### Final Data List

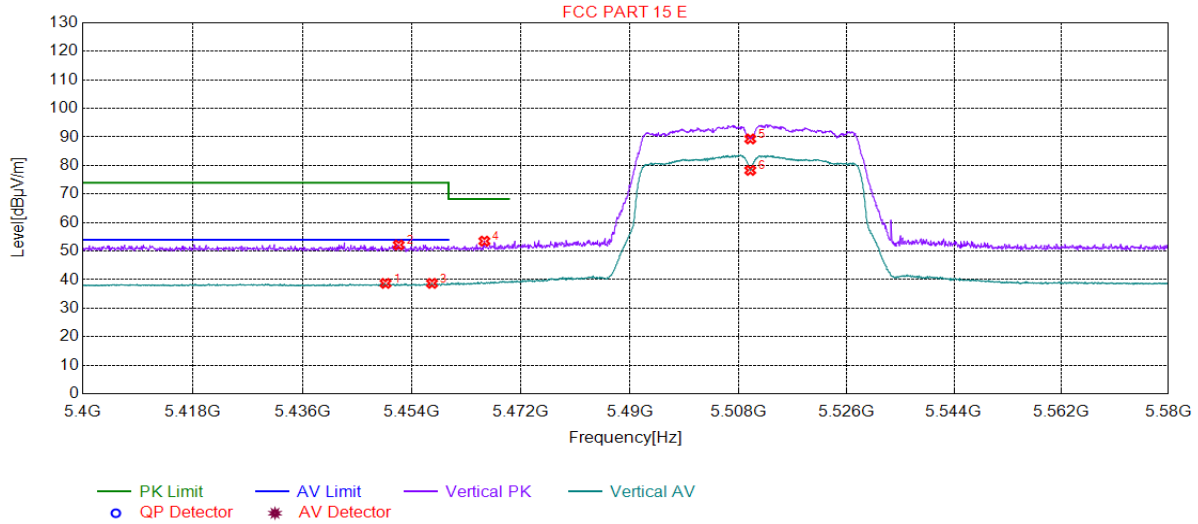


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### 4.10.1.78 802.11AC40\_Channel 102

#### 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

#### Final Data List



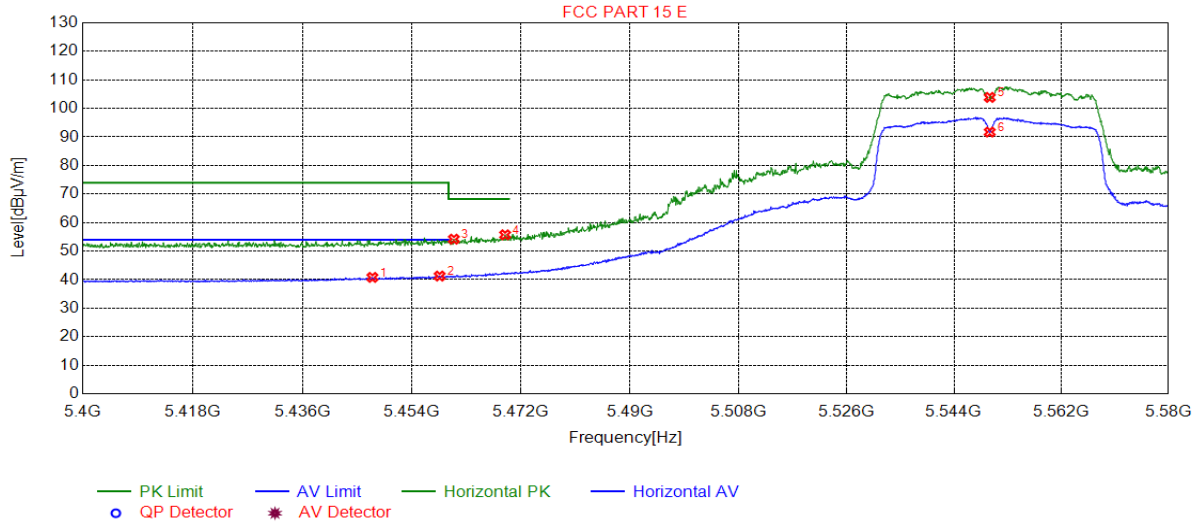
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### 4.10.1.79 802.11AC40\_Channel 110

#### Test Graph



#### Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
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

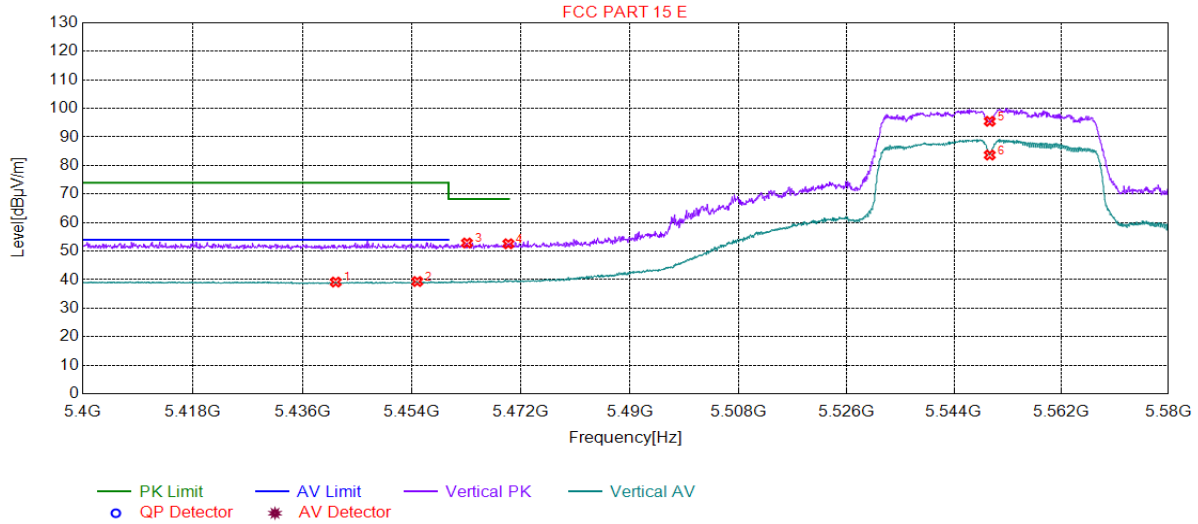
#### Final Data List



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### 4.10.1.80 802.11AC40\_Channel 110

#### Test Graph



#### Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
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

#### Final Data List

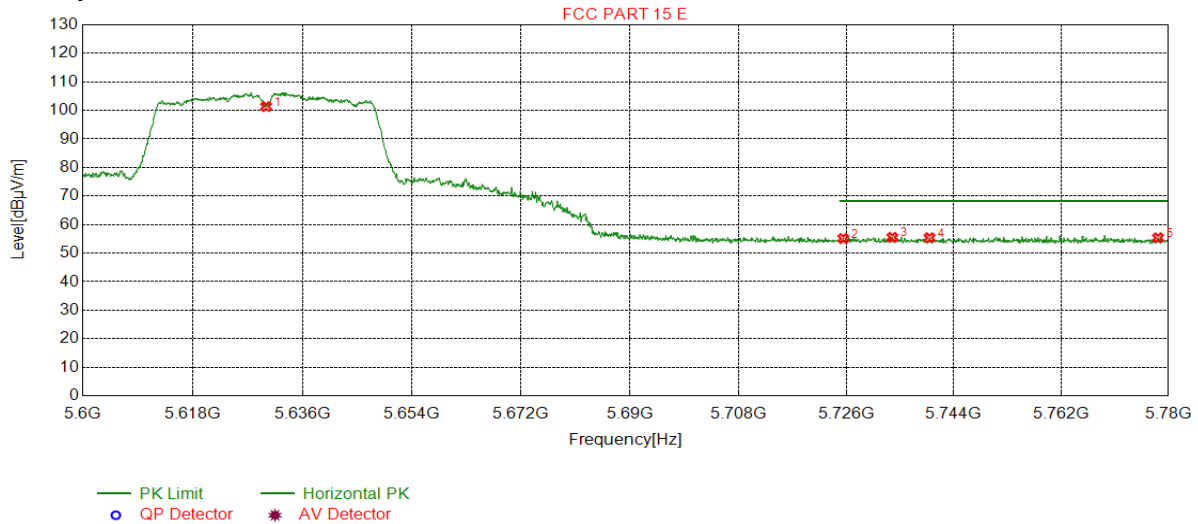


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### 4.10.1.81 802.11AC40\_Channel 126

#### 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

#### Final Data List

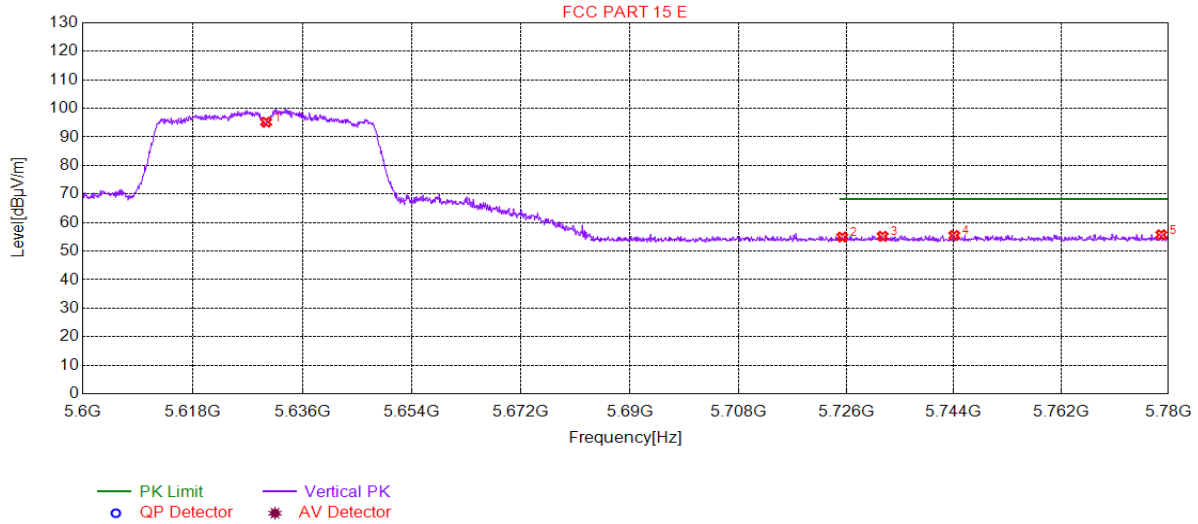


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### 4.10.1.82 802.11AC40\_Channel 126

#### 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

#### Final Data List



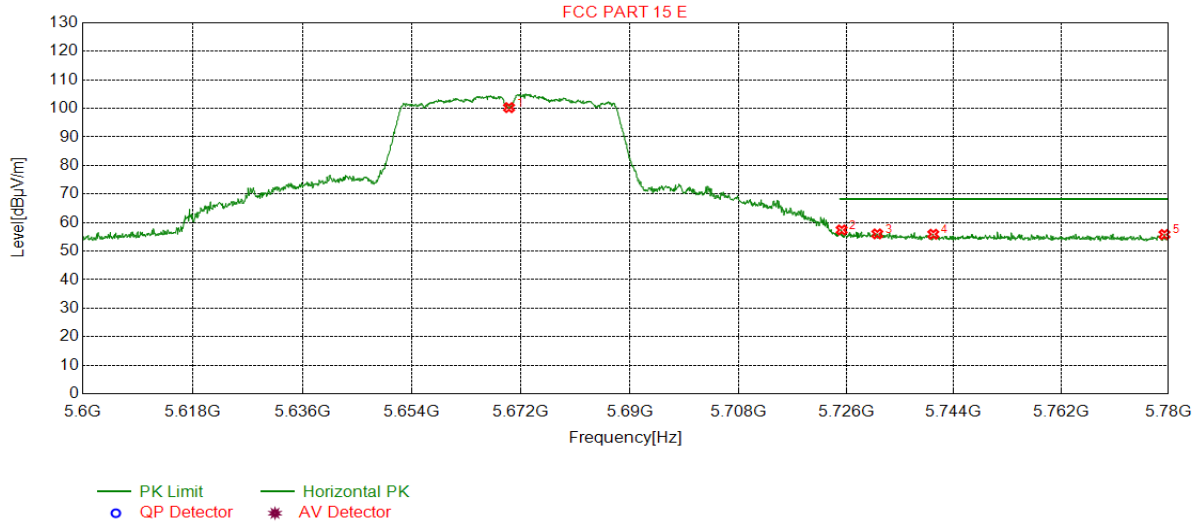
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### 4.10.1.83 802.11AC40\_Channel 134

#### 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	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

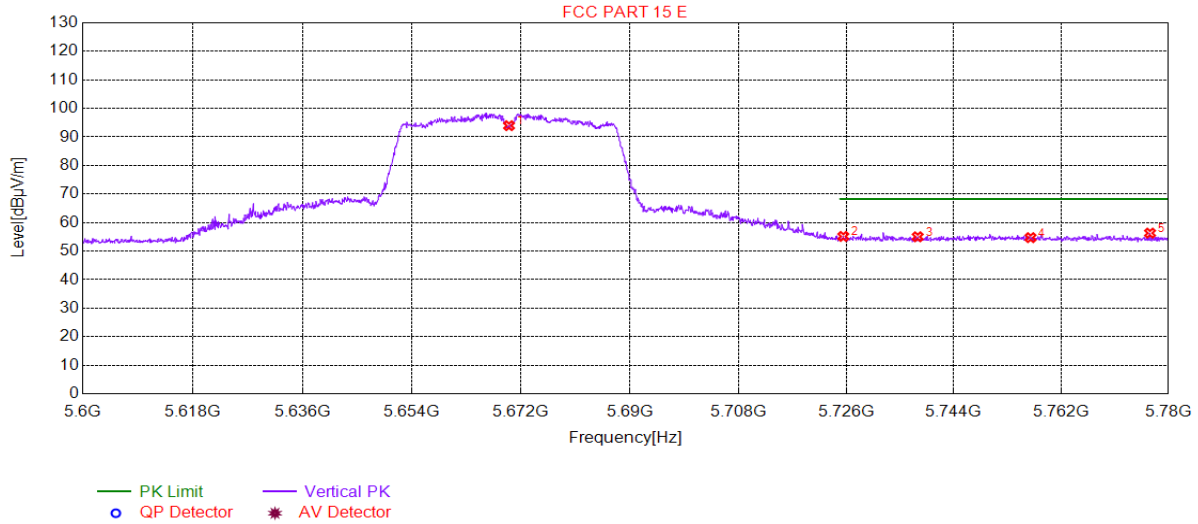
#### Final Data List



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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

#### Final Data List

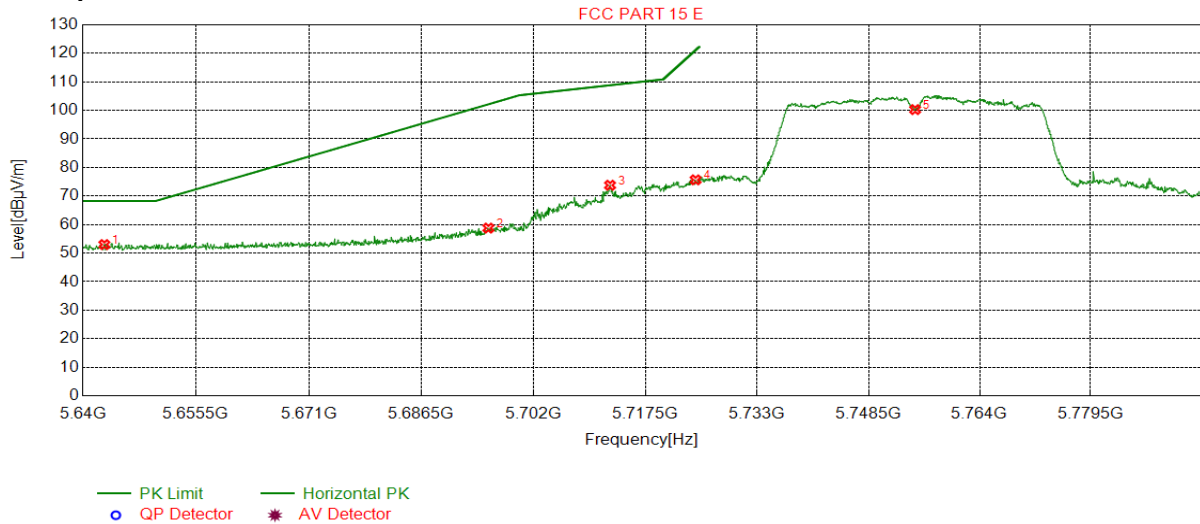


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### 4.10.1.85 802.11AC40\_Channel 151

#### 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

#### Final Data List



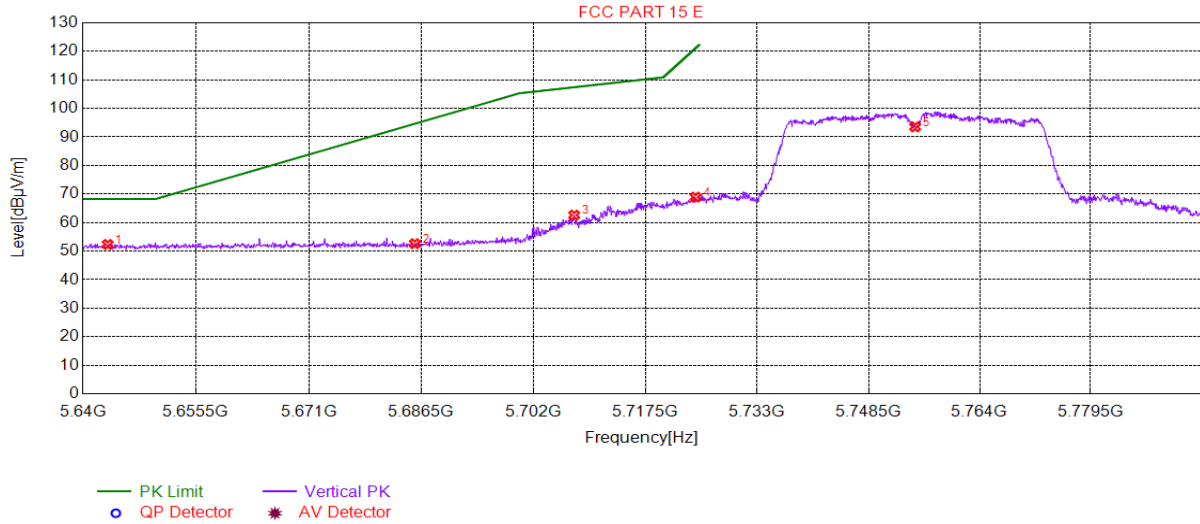
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### 4.10.1.86 802.11AC40\_Channel 151

#### 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



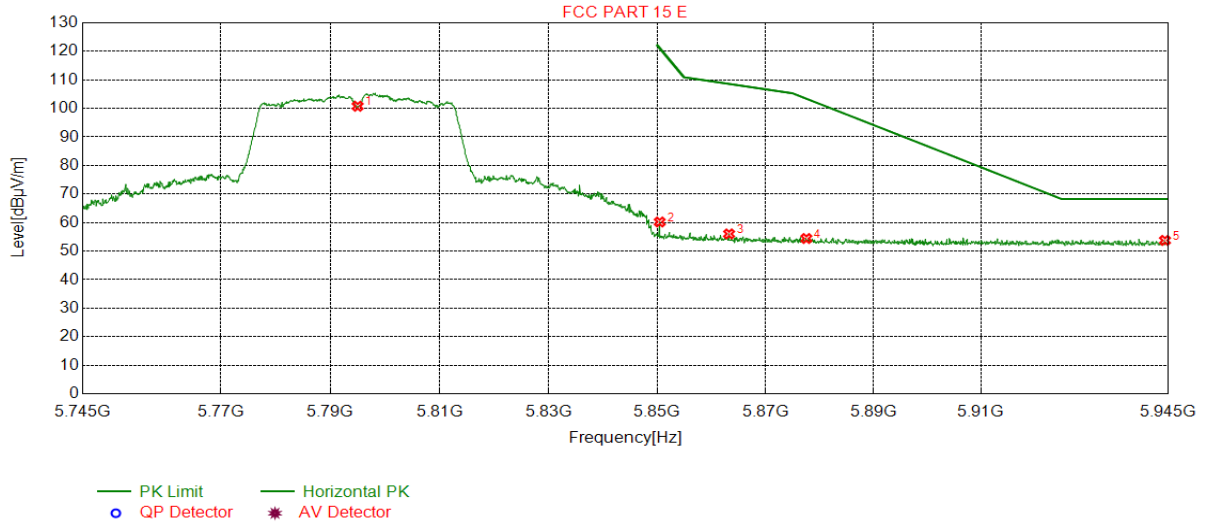
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### 4.10.1.87 802.11AC40\_Channel 159

#### 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

#### Final Data List

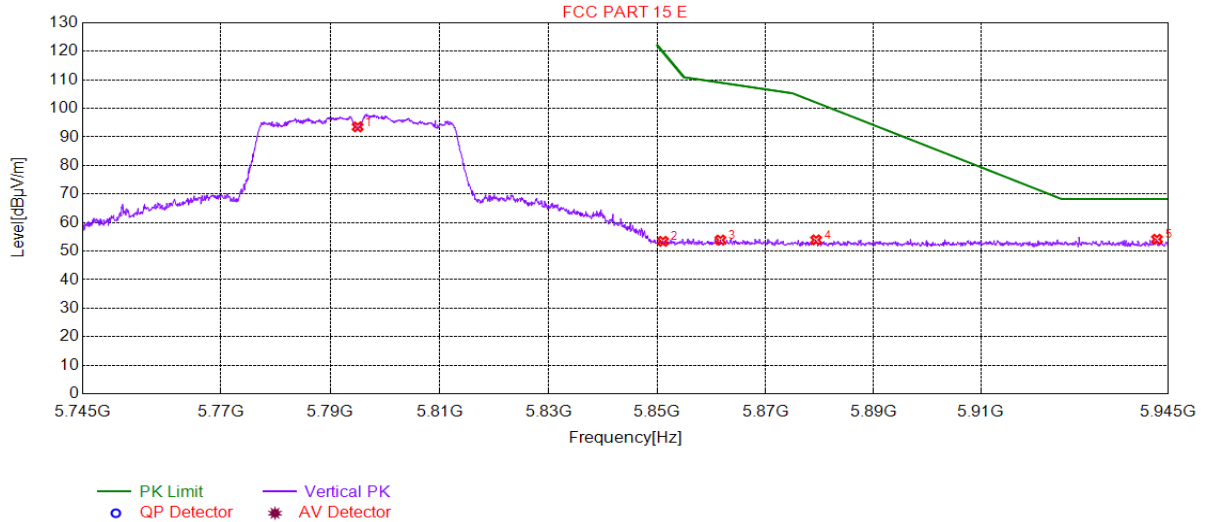


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### 4.10.1.88 802.11AC40\_Channel 159

#### 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

#### Final Data List



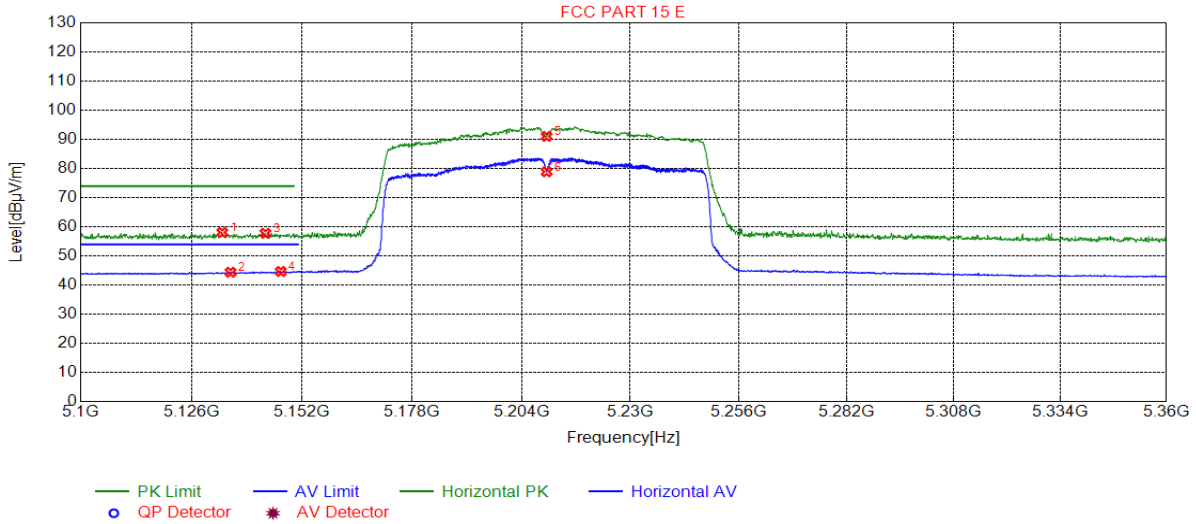
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### 4.10.1.89 802.11AC80\_Channel 42

#### 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

#### Final Data List



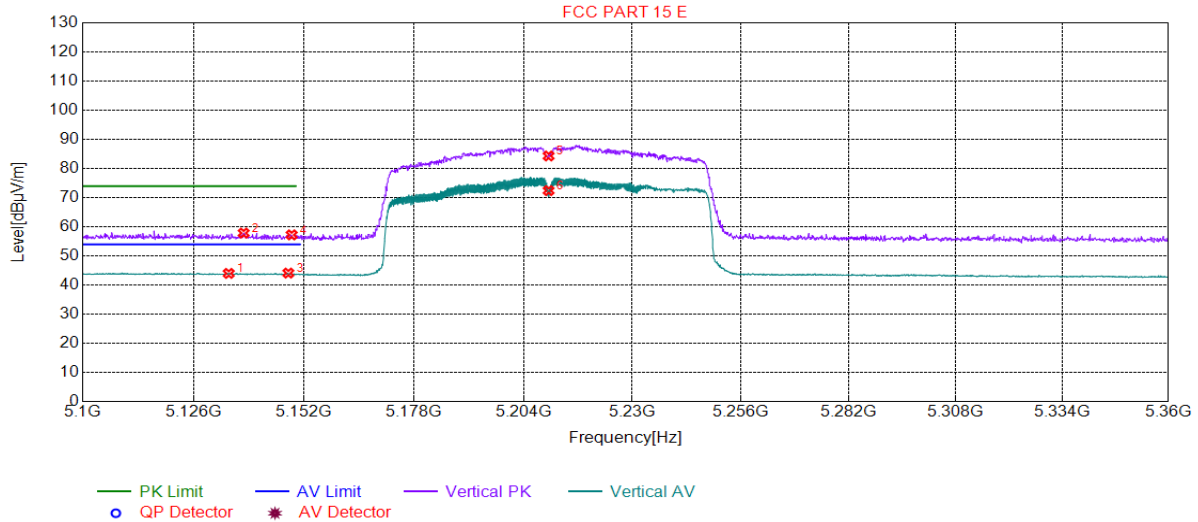
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### 4.10.1.90 802.11AC80\_Channel 42

#### 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

#### Final Data List



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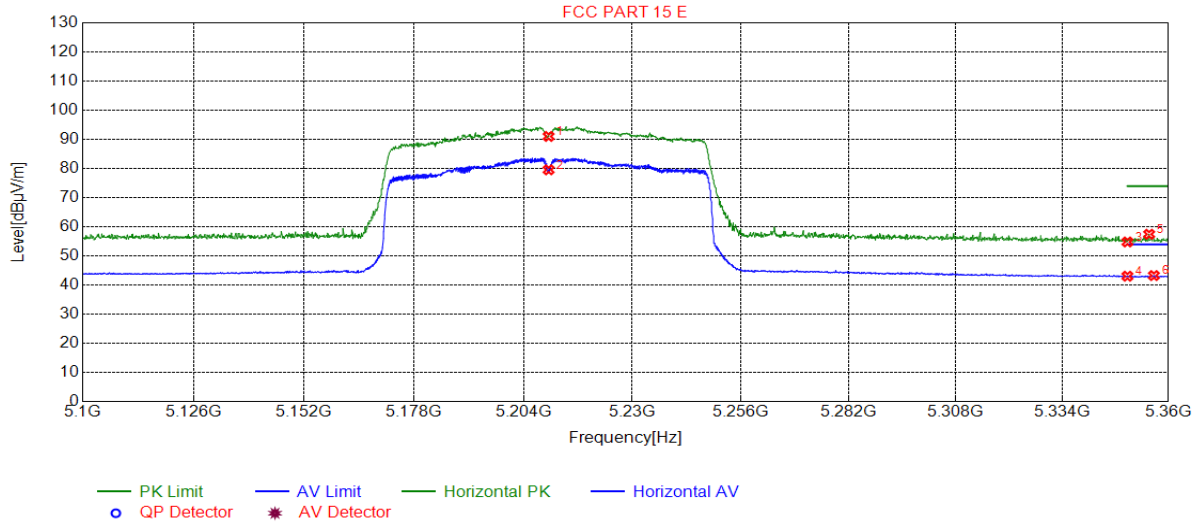
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### 4.10.1.91 802.11AC80\_Channel 42

#### Test Graph



#### Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	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

#### Final Data List

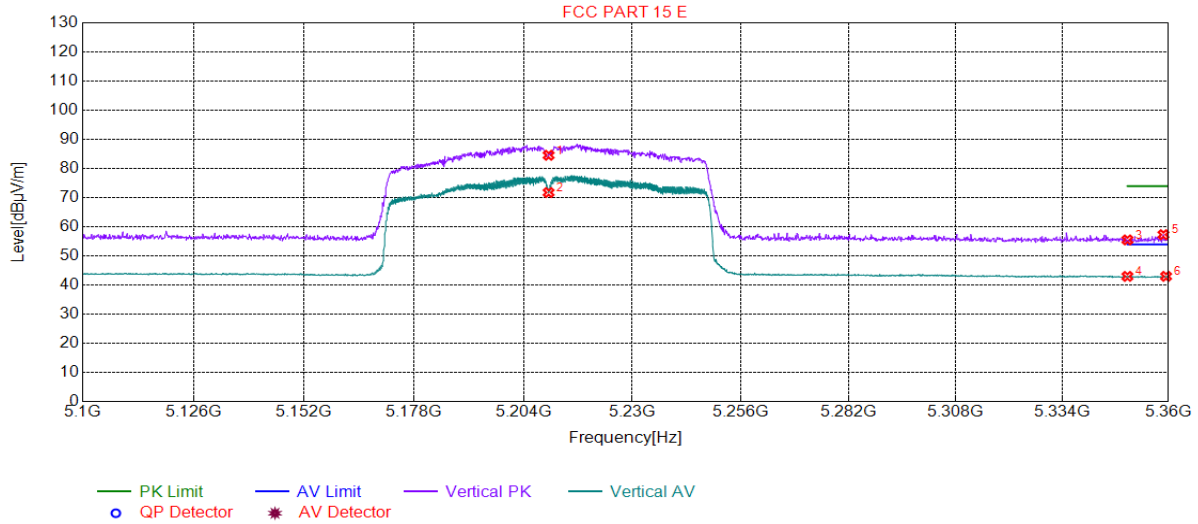


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### 4.10.1.92 802.11AC80\_Channel 42

#### Test Graph



#### Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	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

#### Final Data List

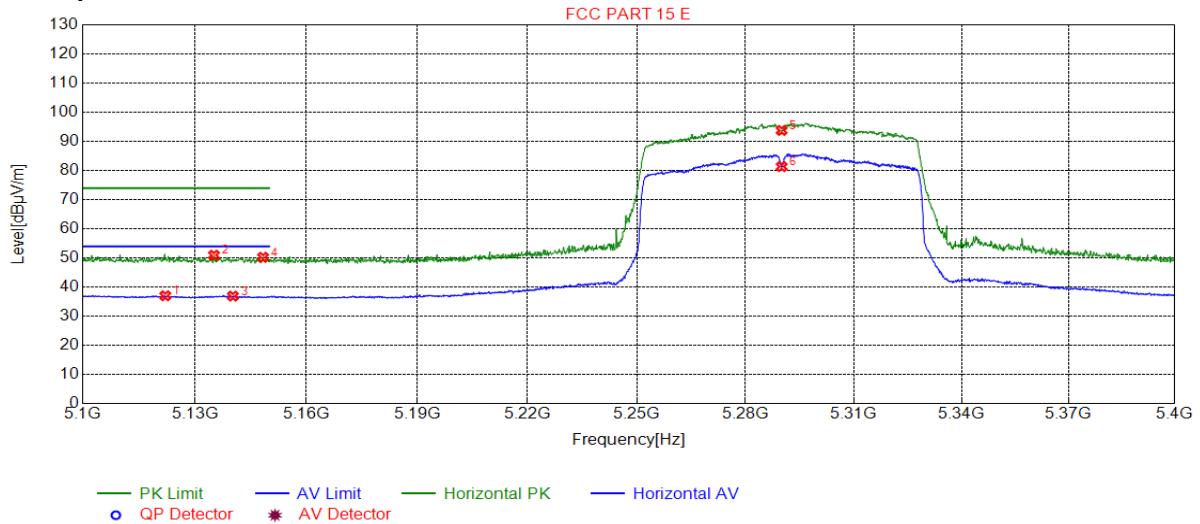


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### 4.10.1.93 802.11AC80\_Channel 58

#### 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

#### Final Data List

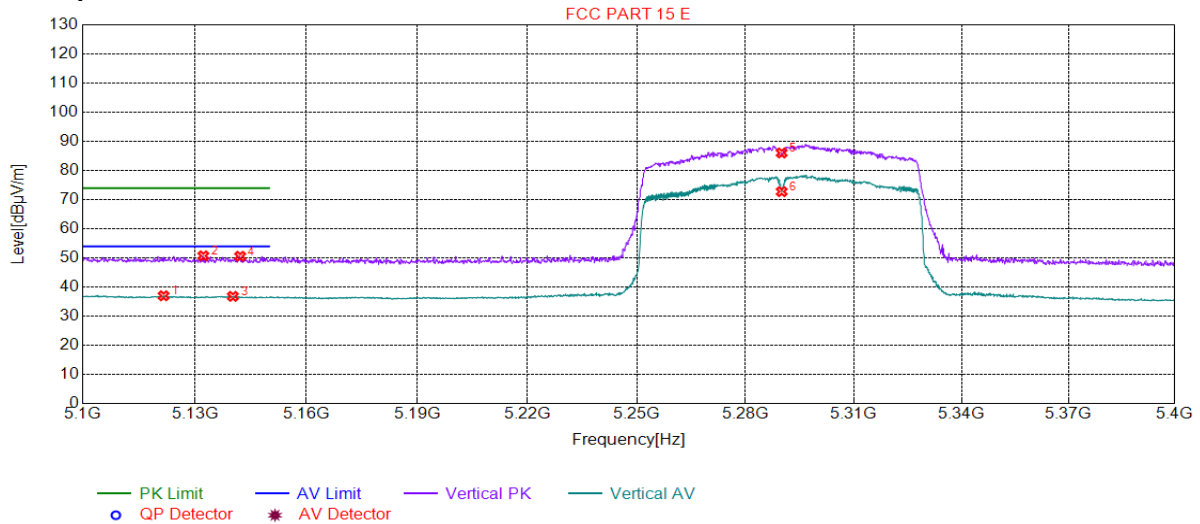


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### 4.10.1.94 802.11AC80\_Channel 58

#### 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

#### Final Data List



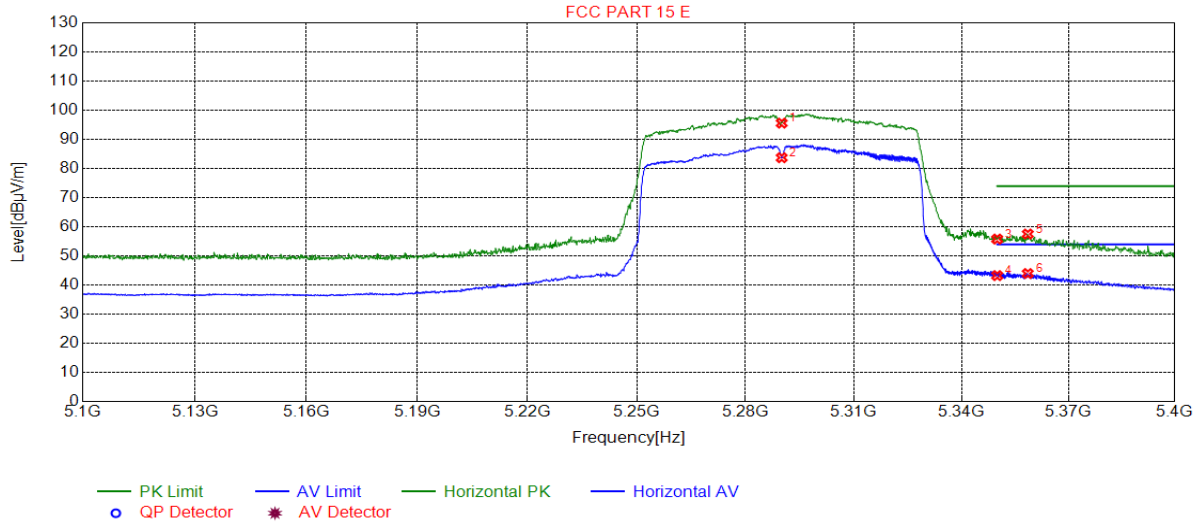
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### 4.10.1.95 802.11AC80\_Channel 58

#### 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

#### Final Data List

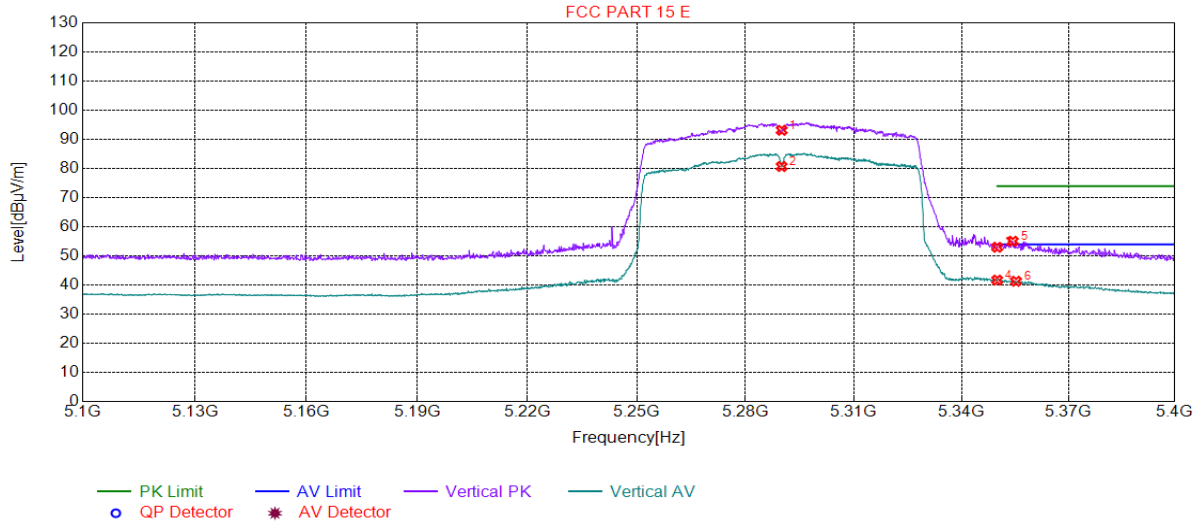


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### 4.10.1.96 802.11AC80\_Channel 58

#### 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

#### Final Data List



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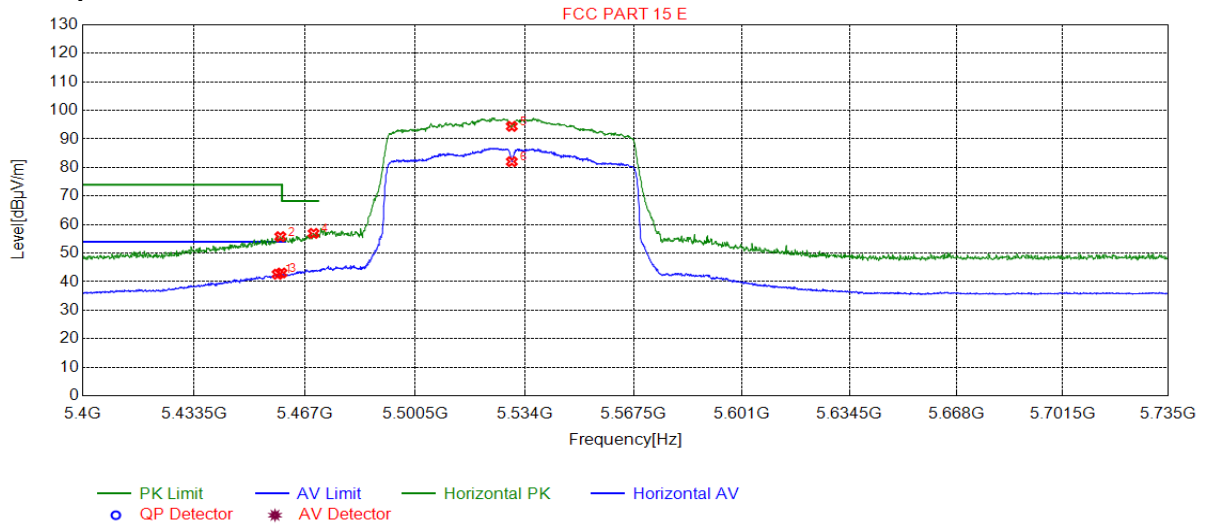
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### 4.10.1.97 802.11AC80\_Channel 106

#### 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

#### Final Data List

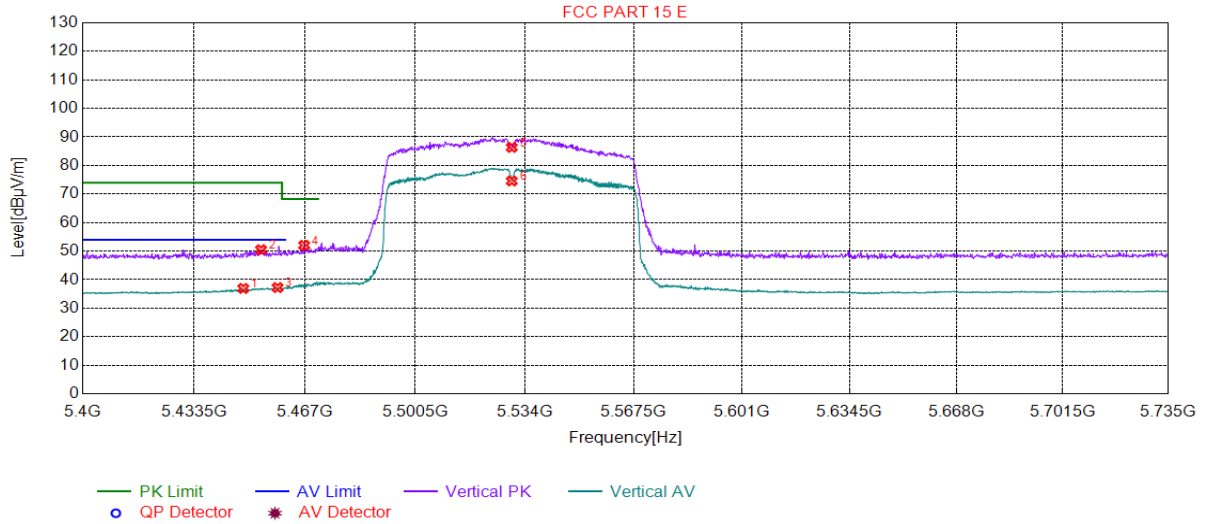


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### 4.10.1.98 802.11AC80\_Channel 106

#### 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

#### Final Data List



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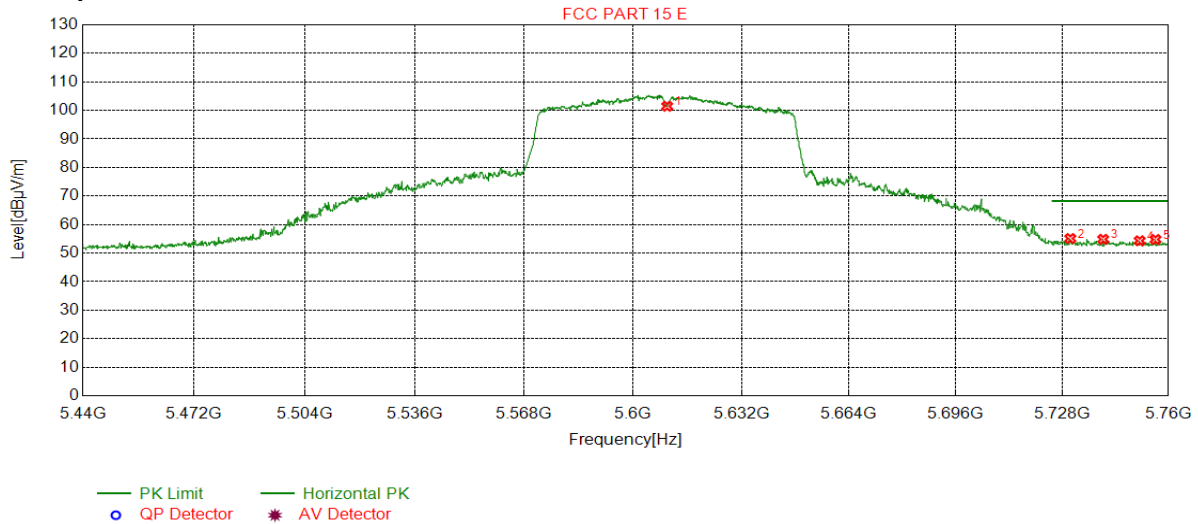
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### 4.10.1.99 802.11AC80\_Channel 122

#### 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

#### Final Data List



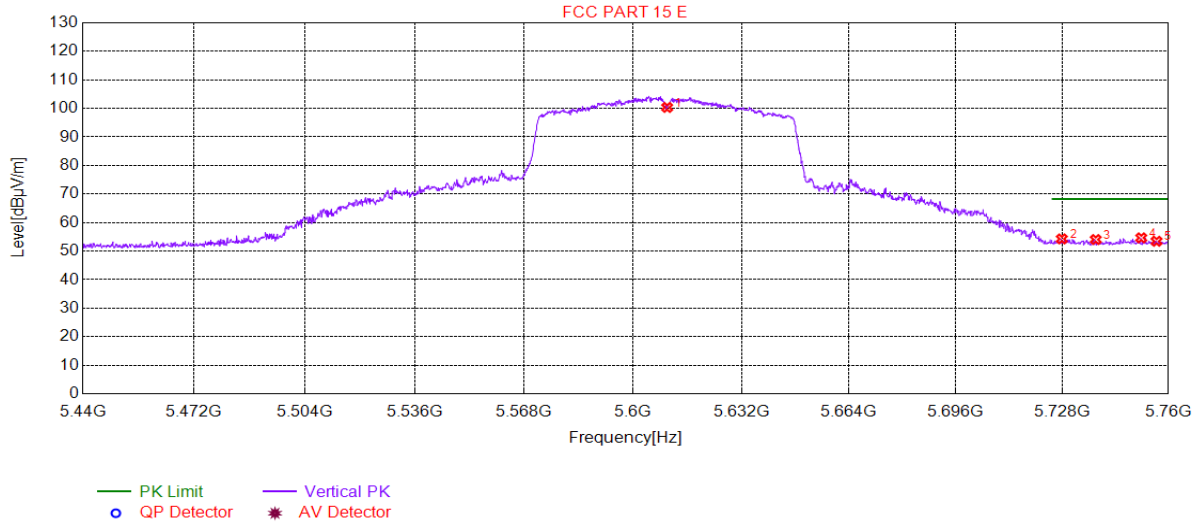
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### 4.10.1.100 802.11AC80\_Channel 122

#### 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

#### Final Data List

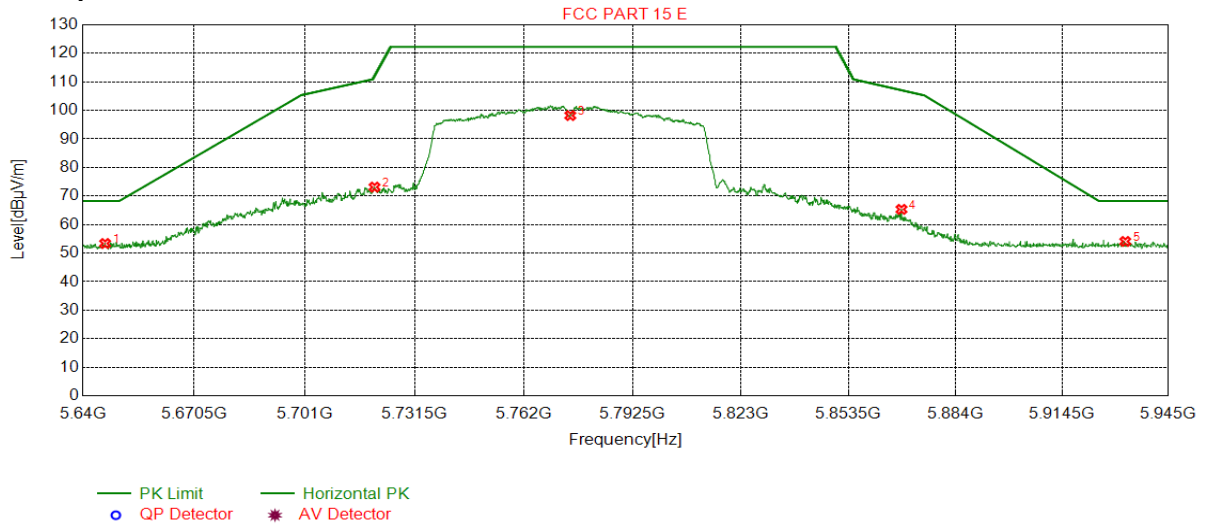


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### 4.10.1.101 802.11AC80\_Channel 155

#### 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

#### Final Data List

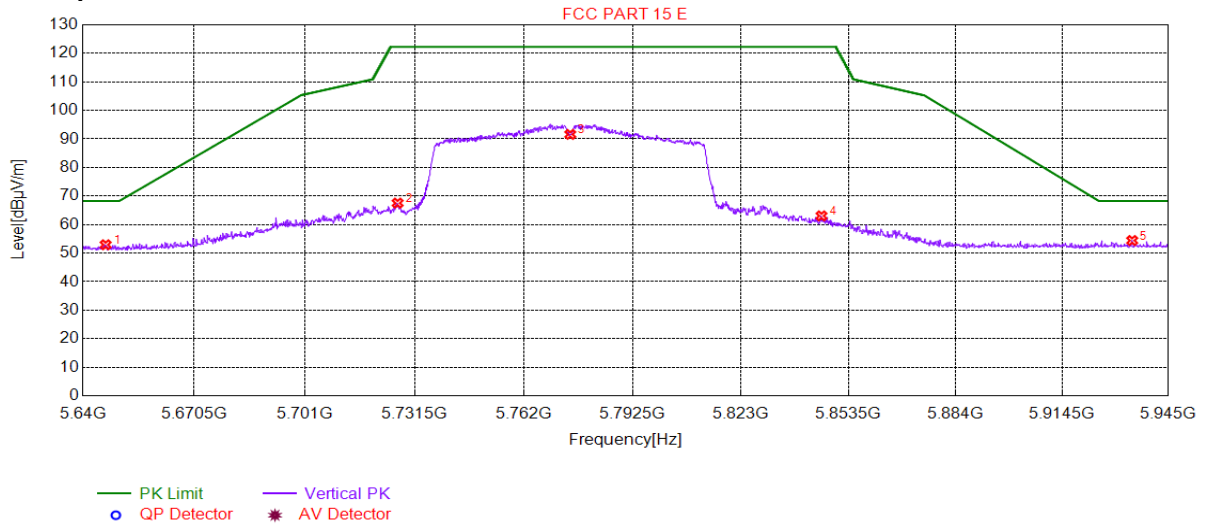


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**4.10.1.102 802.11AC80\_Channel 155**

**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.





## 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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## 4.12 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
<i>Non-Occupancy Period</i>	Yes	Not required	Yes
<i>DFS Detection Threshold</i>	Yes	Not required	Yes
<i>Channel Availability Check Time</i>	Yes	Not required	Not required
<i>U-NII Detection Bandwidth</i>	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
<i>DFS Detection Threshold</i>	Yes	Not required
<i>Channel Closing Transmission Time</i>	Yes	Yes
<i>Channel Move Time</i>	Yes	Yes
<i>U-NII Detection Bandwidth</i>	Yes	Not required
<b>Additional requirements for devices with multiple bandwidth modes</b>	<b>Master Device or Client with Radar Detection</b>	<b>Client Without Radar Detection</b>
<i>U-NII Detection Bandwidth and Statistical Performance Check</i>	All BW modes must be tested	Not required
<i>Channel Move Time and Channel Closing Transmission Time</i>	Test using widest BW mode available	Test using the widest BW mode available for the link
<i>All other tests</i>	Any single BW mode	Not required
<p><b>Note:</b> 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.</p>		



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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 $\geq$ 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
<p><b>Note 1:</b> This is the level at the input of the receiver assuming a 0 dBi receive antenna.</p> <p><b>Note 2:</b> 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.</p> <p><b>Note 3:</b> EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911 D01.</p>	

#### 4.12.3 Response Requirements



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**Table 4: DFS Response Requirement Values**

Parameter	Value
<i>Non-occupancy period</i>	Minimum 30 minutes
<i>Channel Availability Check Time</i>	60 seconds
<i>Channel Move Time</i>	10 seconds See Note 1.
<i>Channel Closing Transmission Time</i>	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2.
<i>U-NII Detection Bandwidth</i>	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

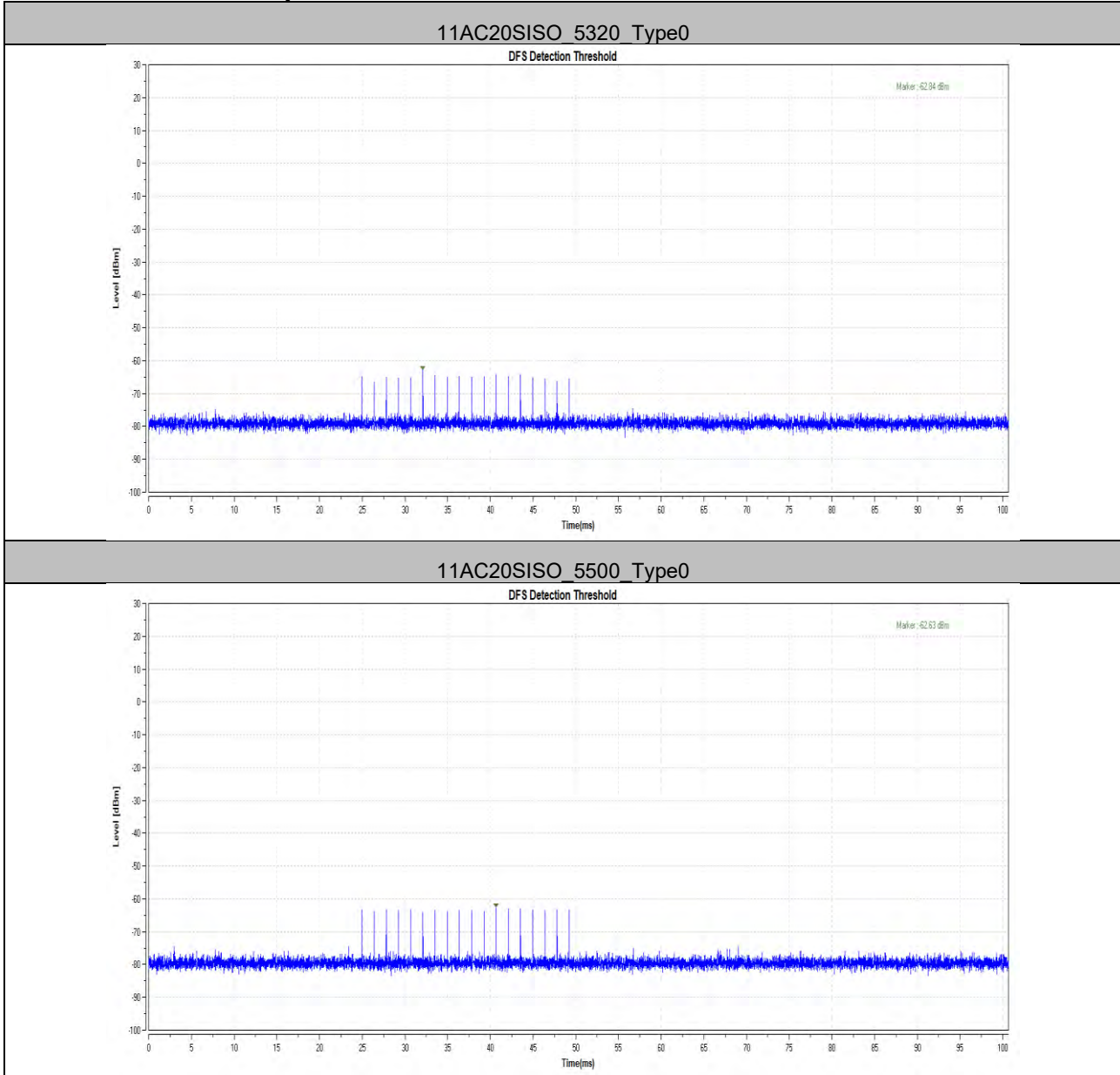
##### 4.12.4.1.1 Test Result

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



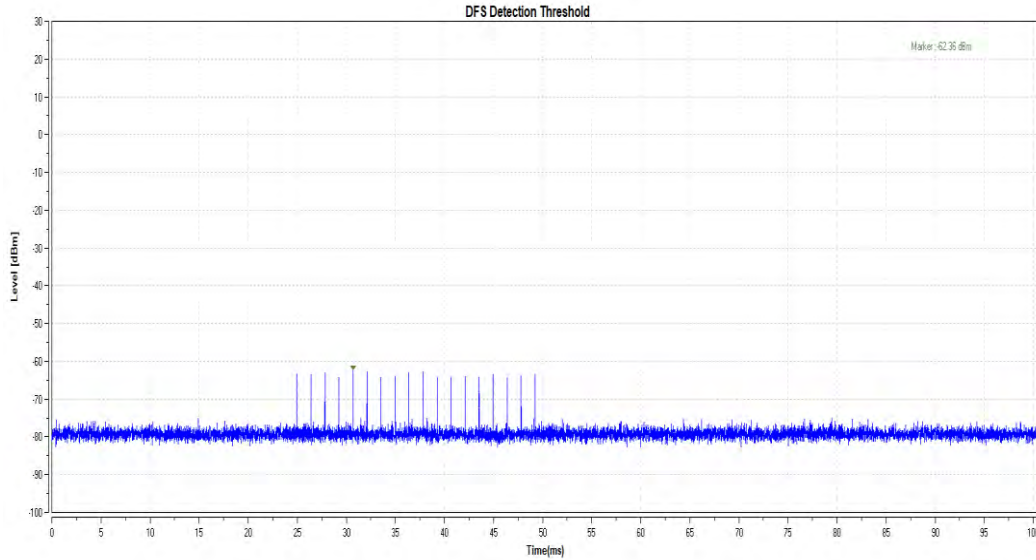
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### 4.12.4.1.2 Test Graphs

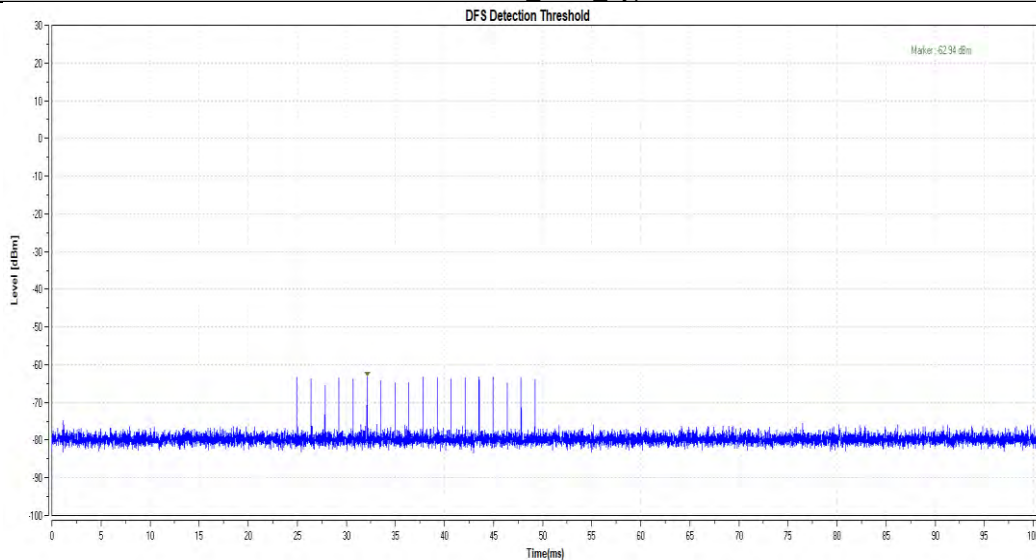


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### 11AC80SISO 5290 Type0



### 11AC80SISO 5530 Type0



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**4.12.4.2 Channel Move Time and Channel Closing Transmission Time**

**4.12.4.2.1 Test Result**

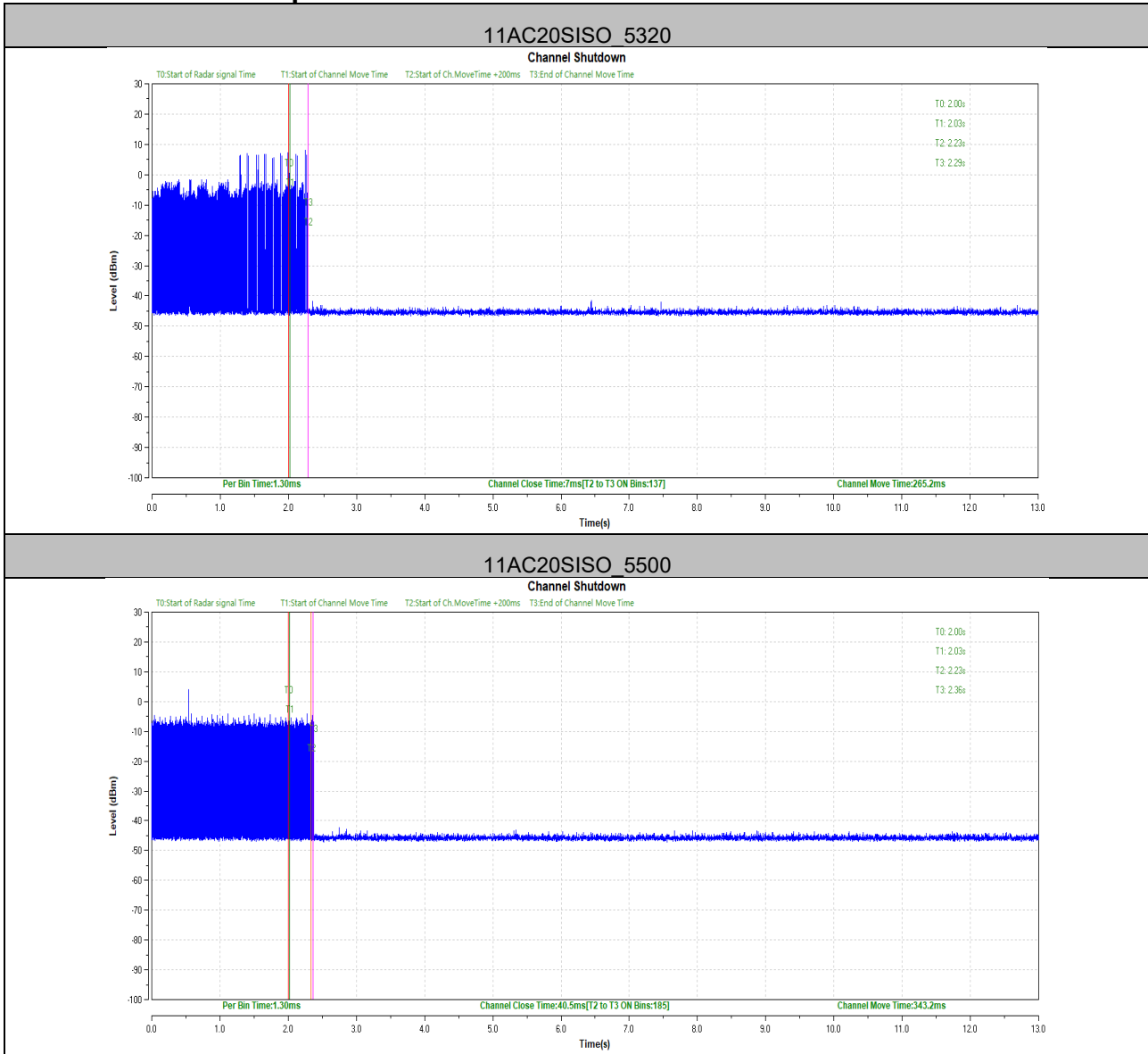
TestMode	Channel	CCT[ms]	Limit[ms]	CMT[ms]	Limit[ms]	Verdict
11AC20SISO	5320	7	60	265.2	10000	PASS
	5500	40.5	60	343.2	10000	PASS
11AC80SISO	5290	0	60	226.2	10000	PASS
	5530	33.3	60	293.8	10000	PASS



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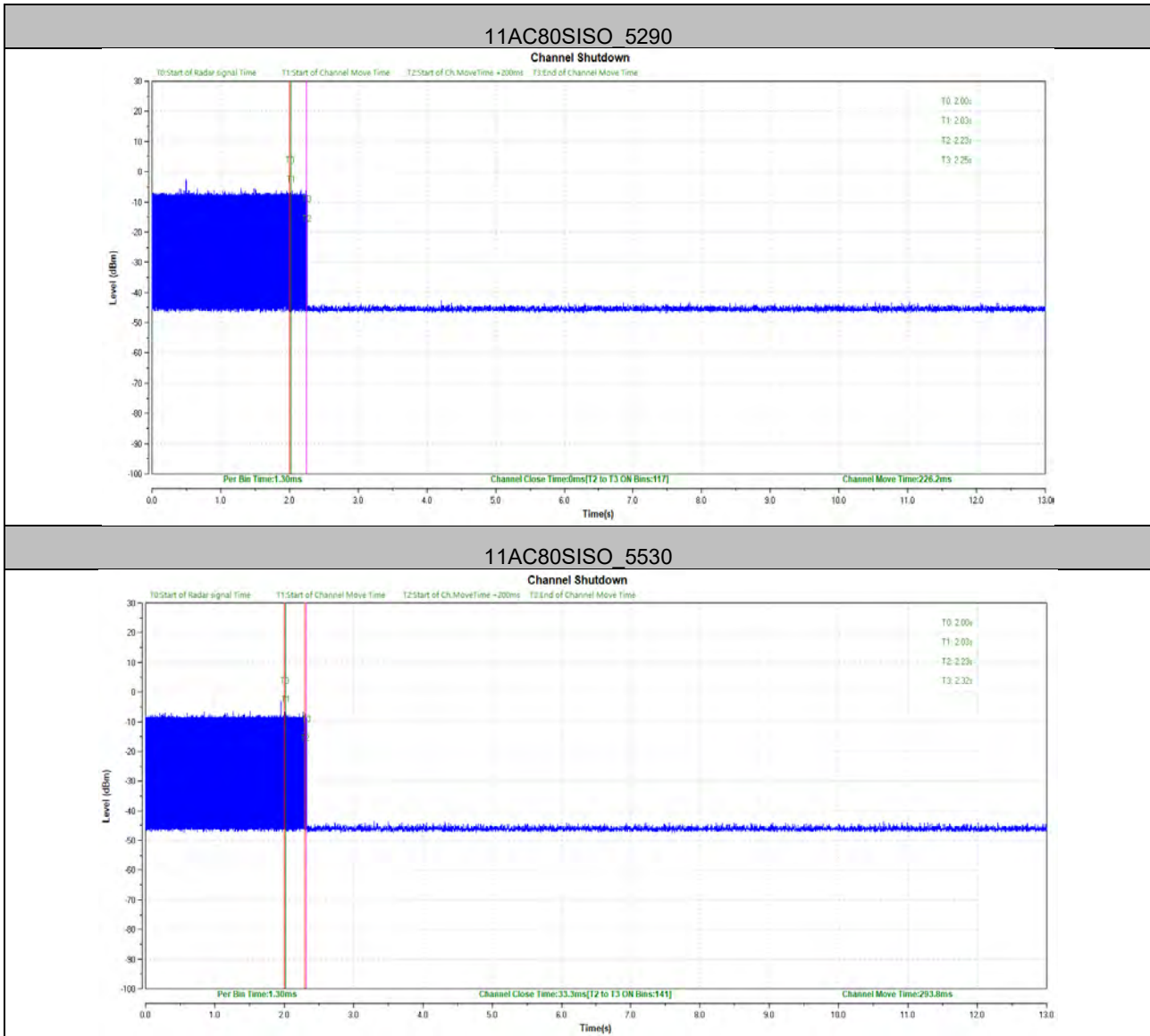


### 4.12.4.2.2 Test Graphs



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**4.12.4.3 Non-Occupancy Period**

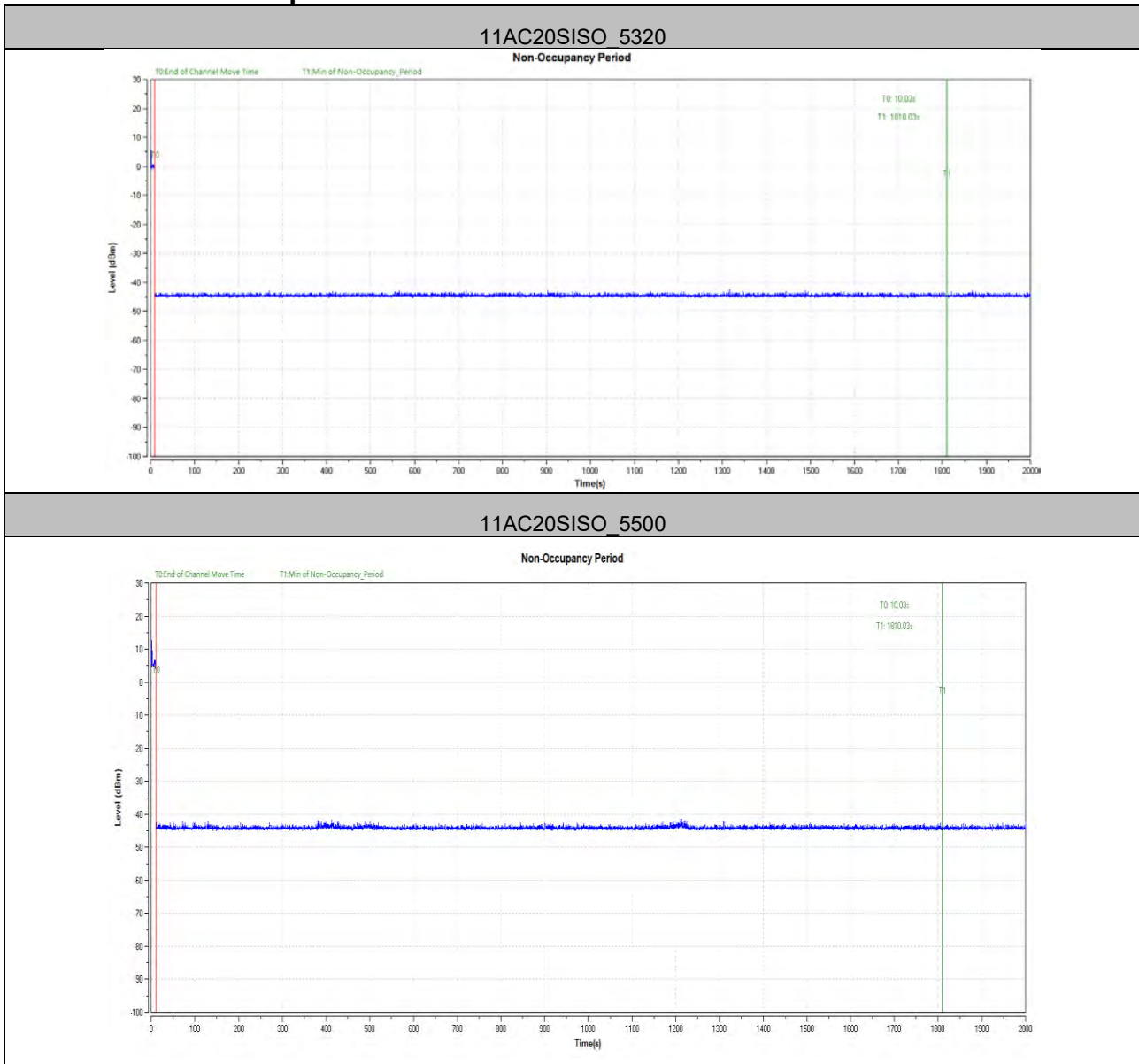
**4.12.4.3.1 Test Result**

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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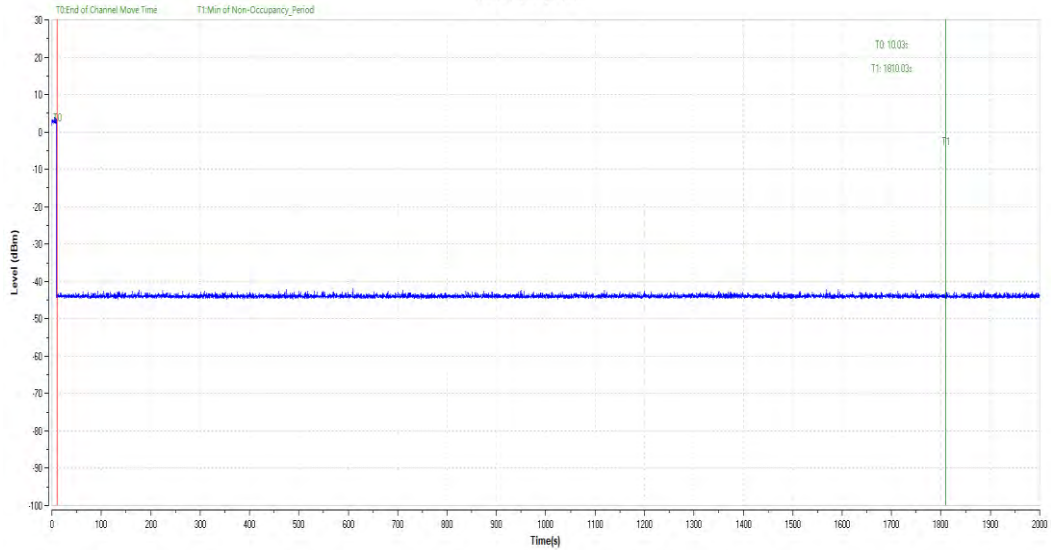
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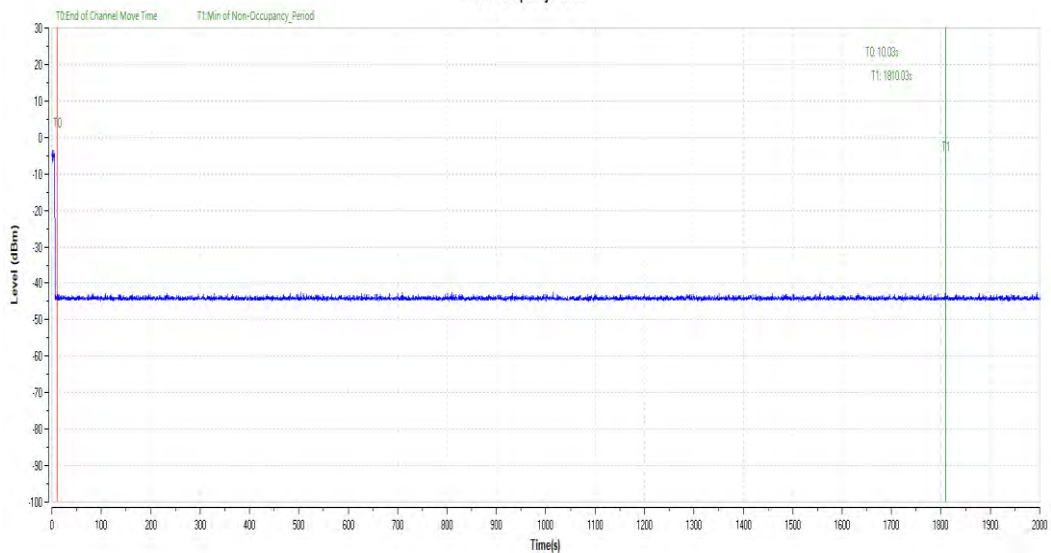
### 11AC80SISO 5290

Non-Occupancy Period



### 11AC80SISO 5530

Non-Occupancy Period



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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	Cal.Duedate
				(yyyy-mm-dd)	(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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# Appendix



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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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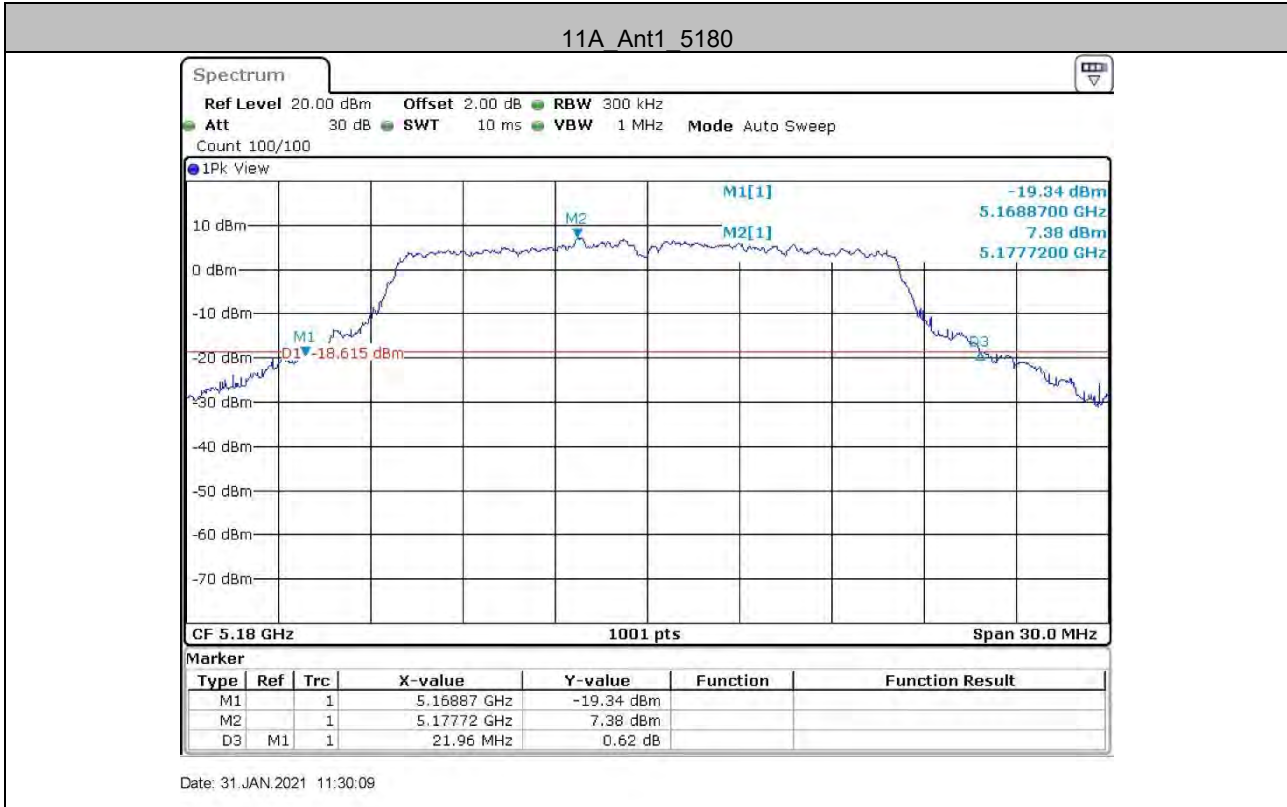
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		5550	41.160	5529.420	5570.580	---	PASS
		5670	40.920	5649.540	5690.460	---	PASS
		5755	40.980	5734.540	5775.520	---	PASS
		5795	41.040	5774.480	5815.520	---	PASS
11AC20SISO	Ant1	5180	23.190	5168.570	5191.760	---	PASS
		5200	23.250	5188.540	5211.790	---	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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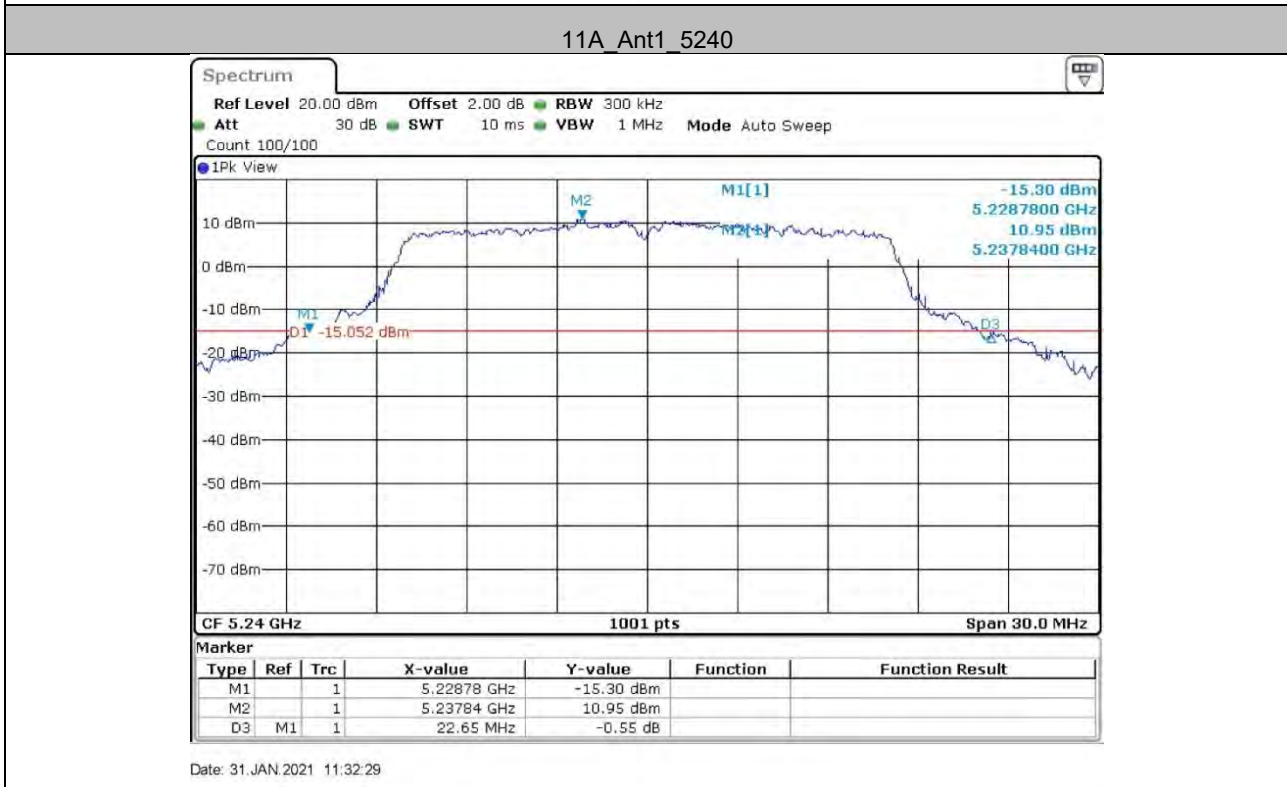
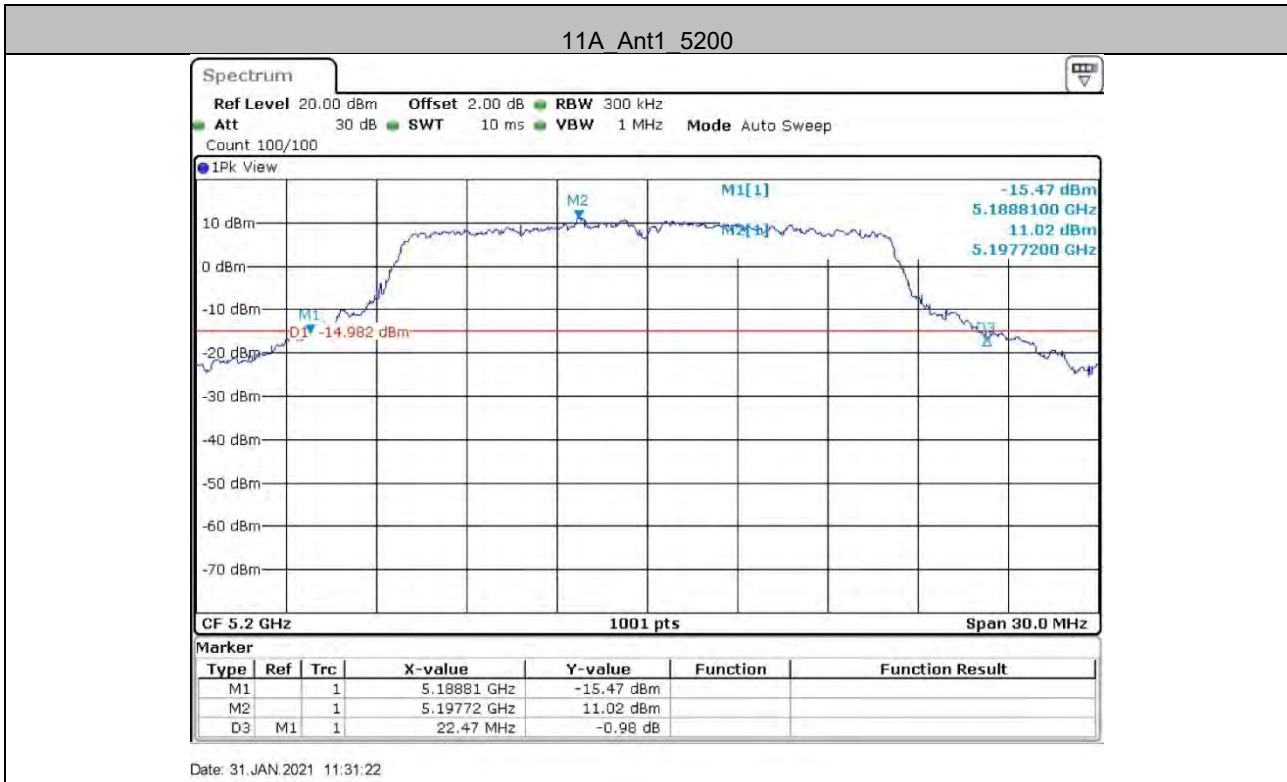


### Test Graphs



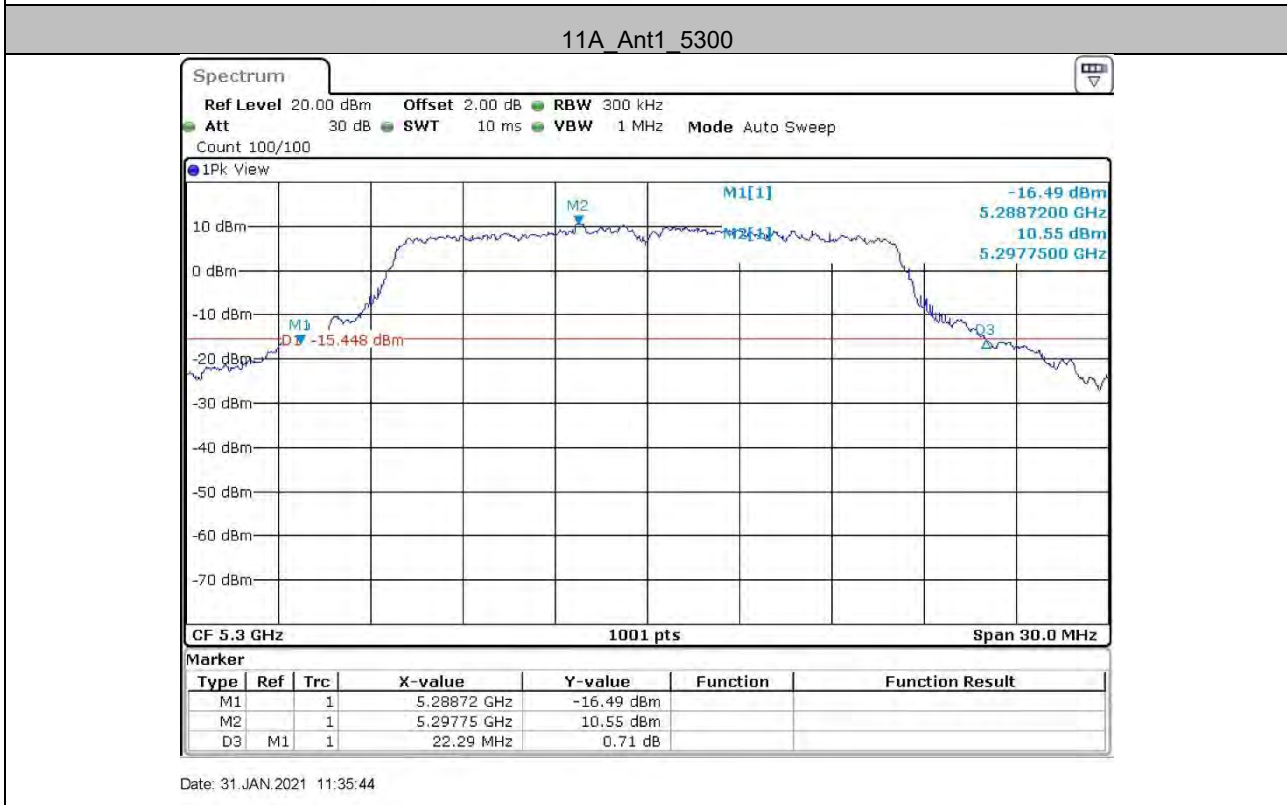
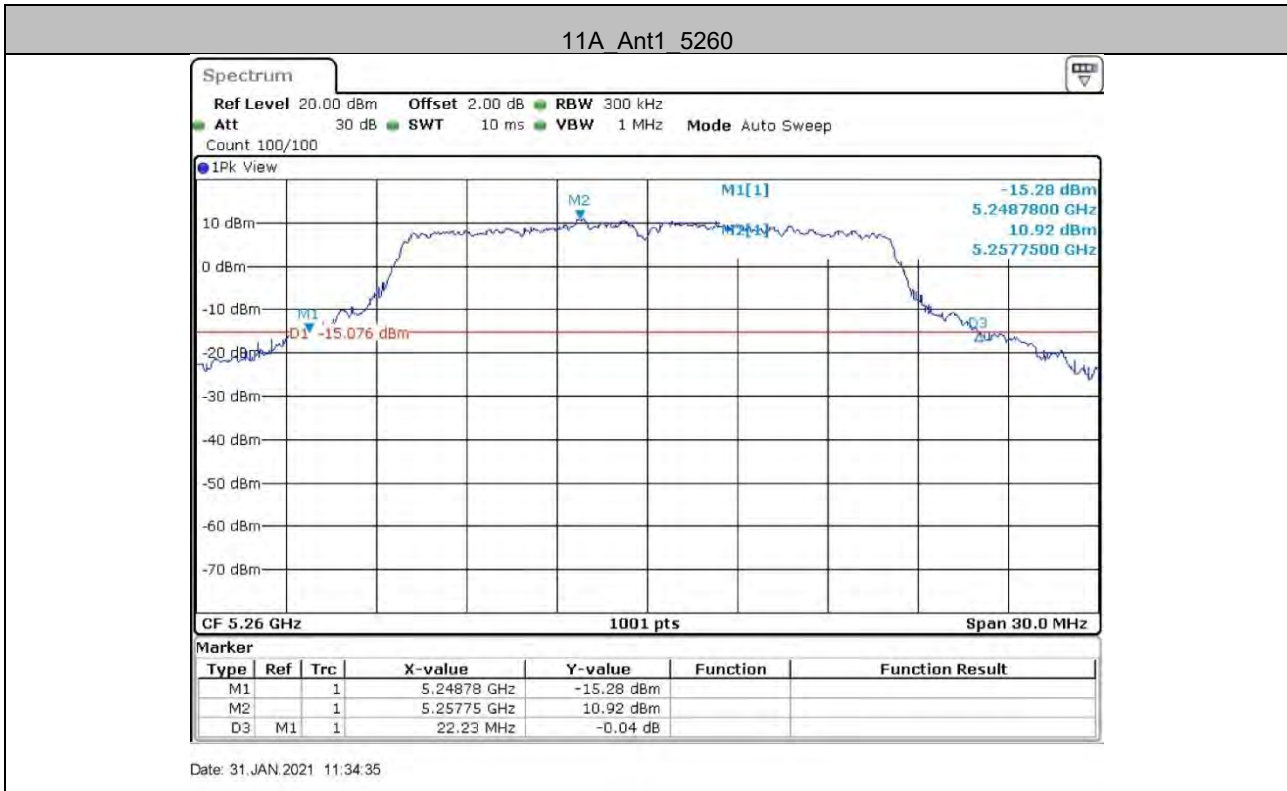
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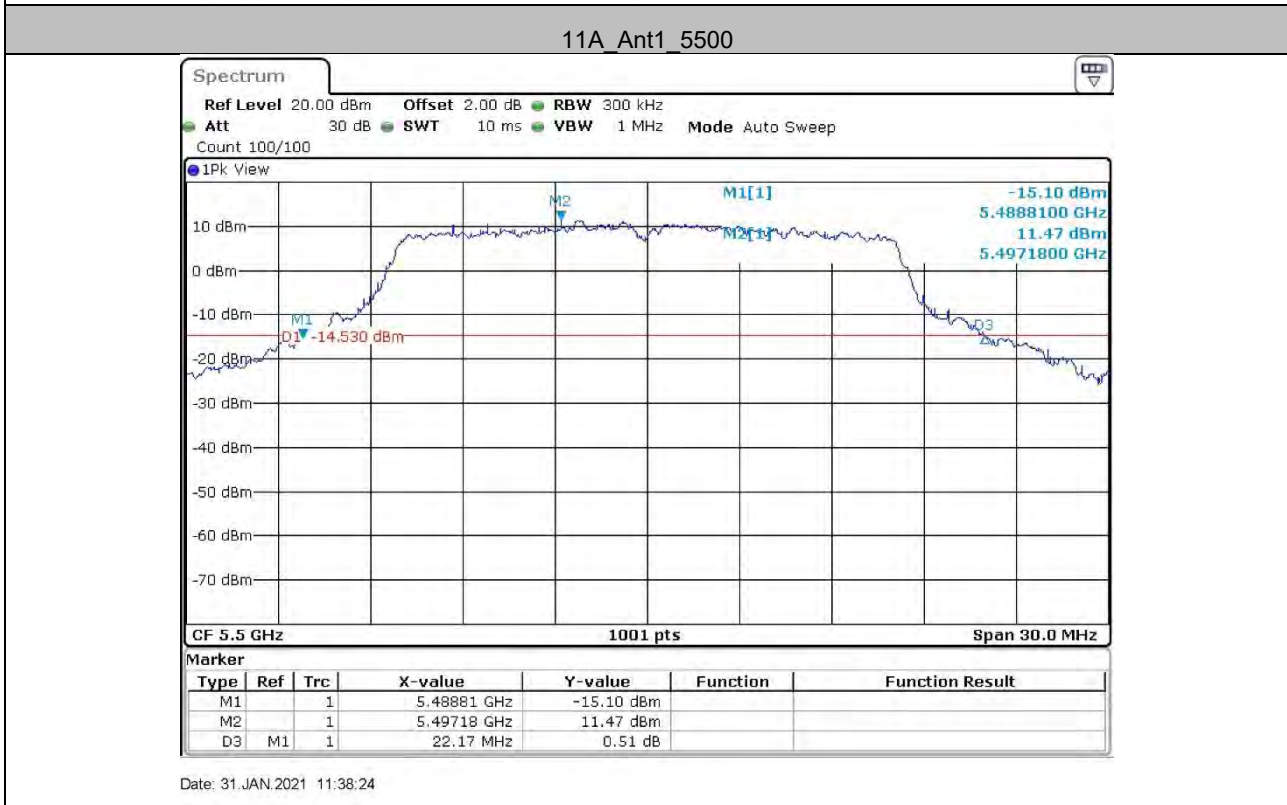
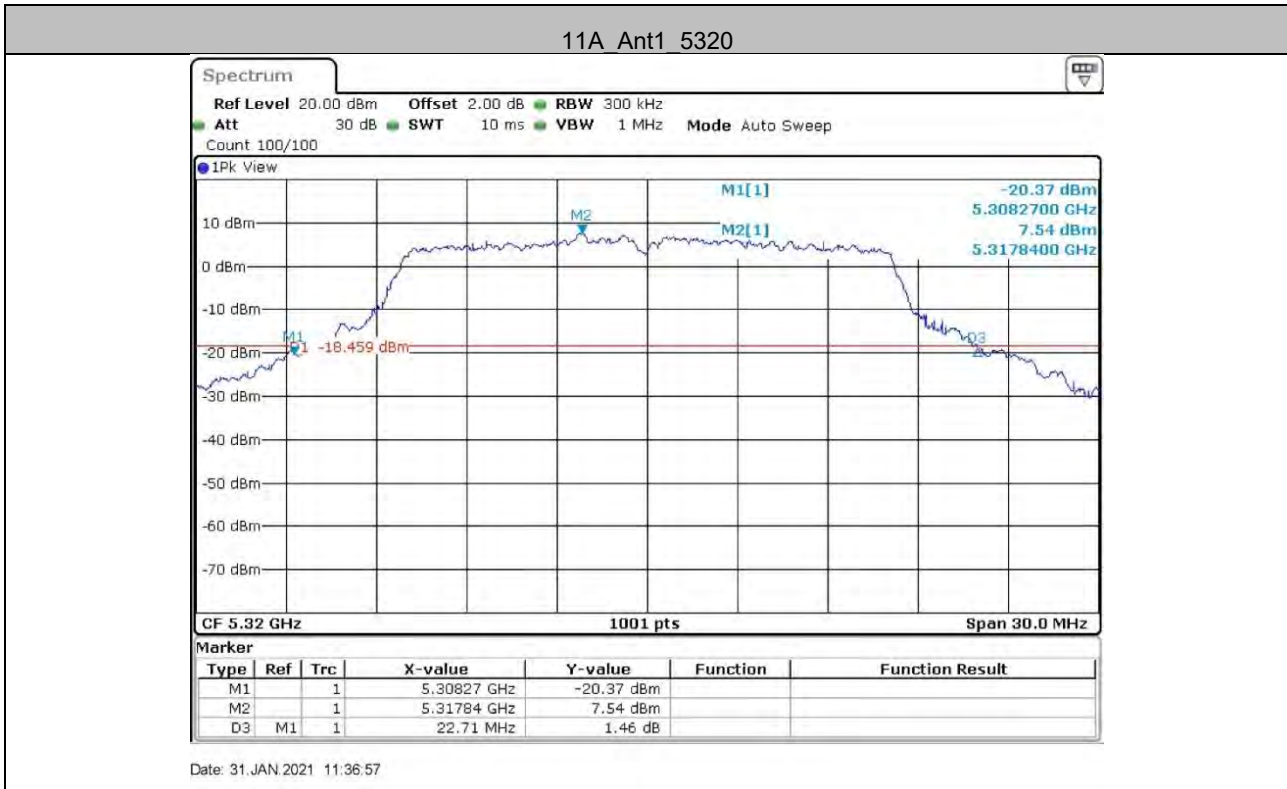
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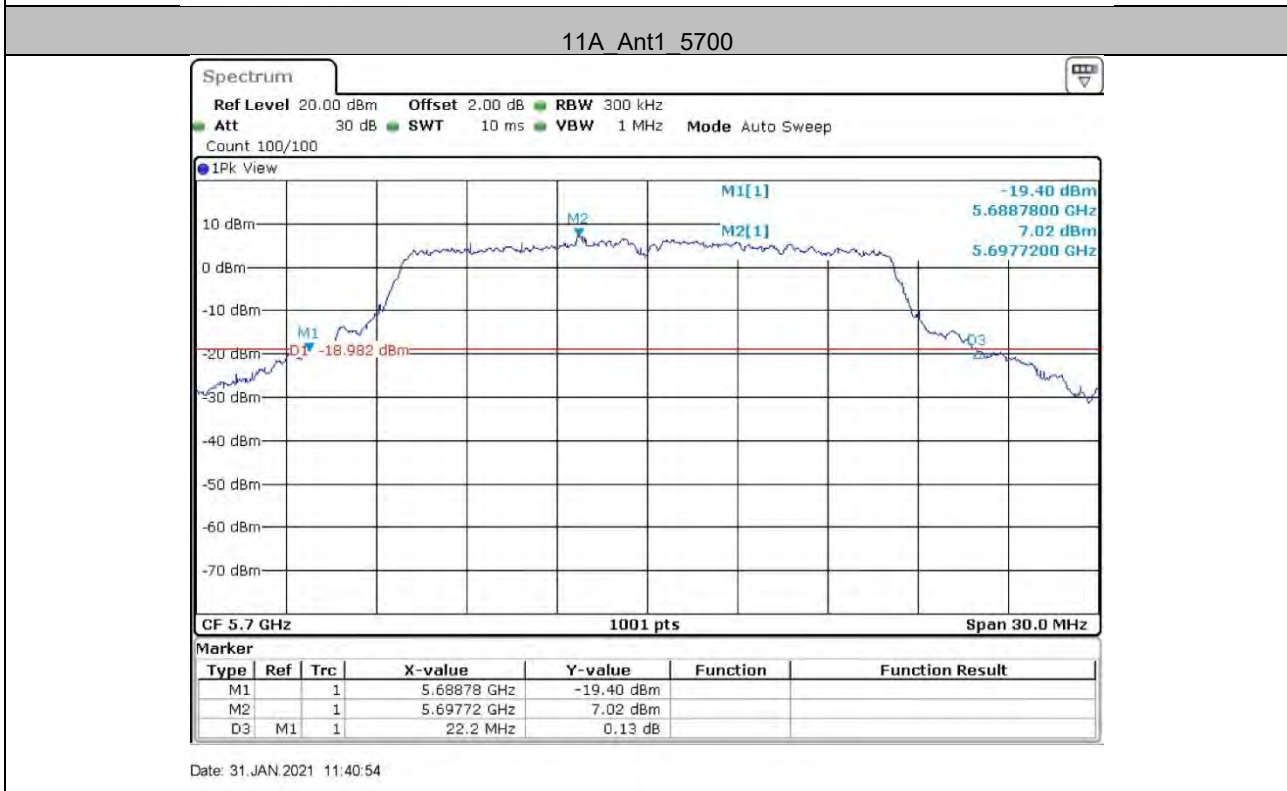
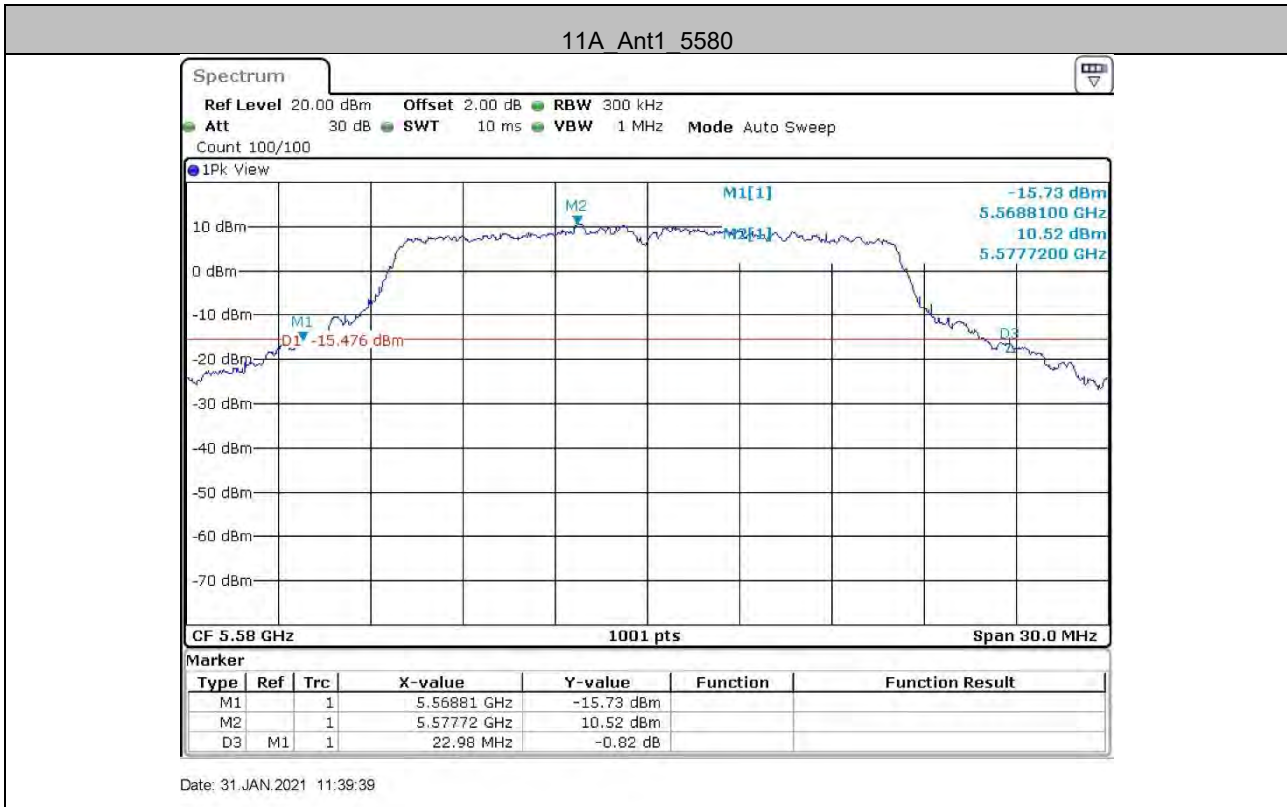




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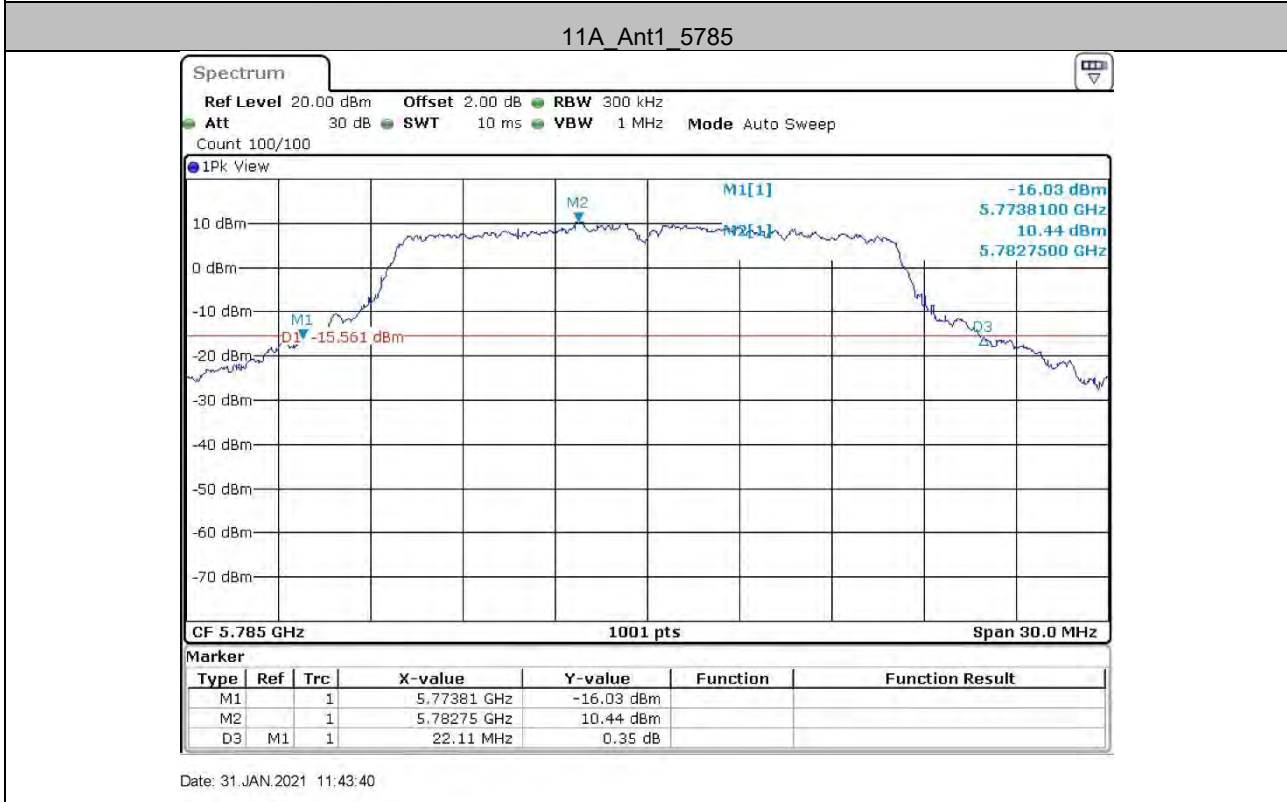
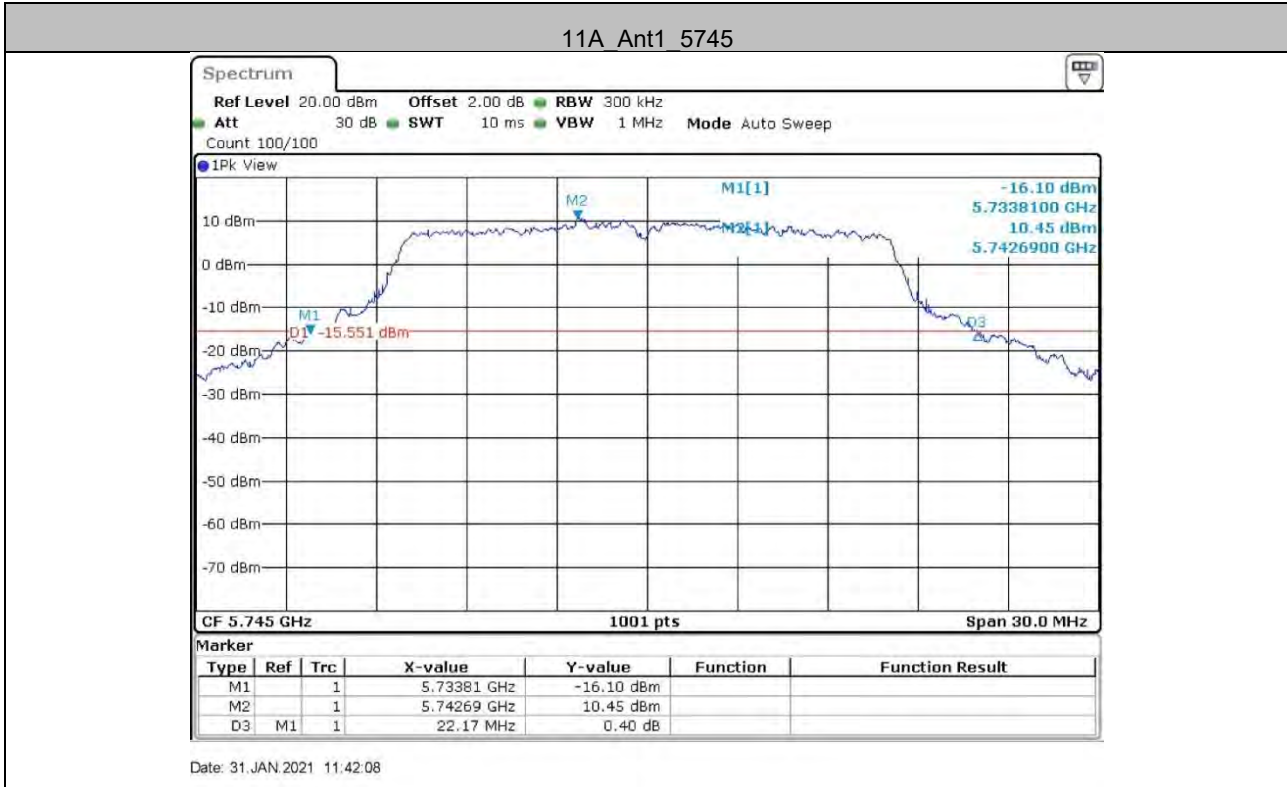
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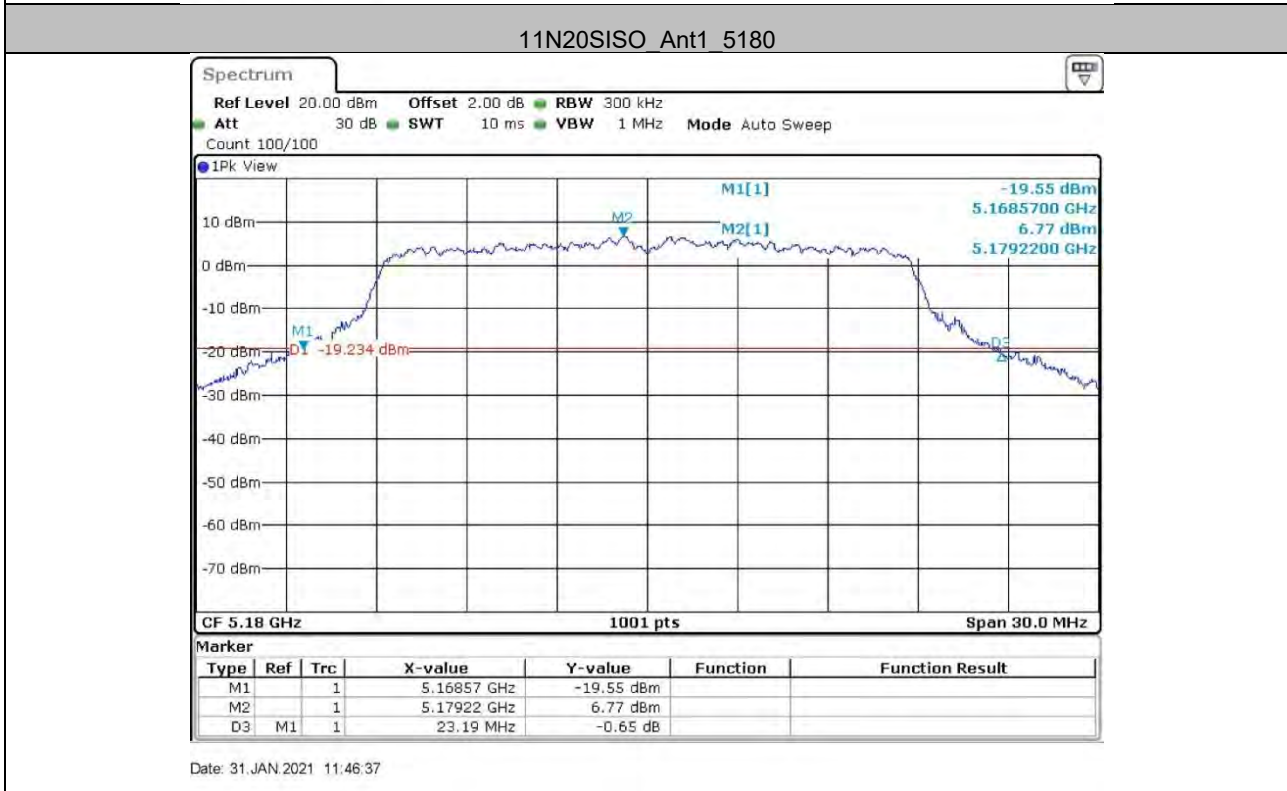
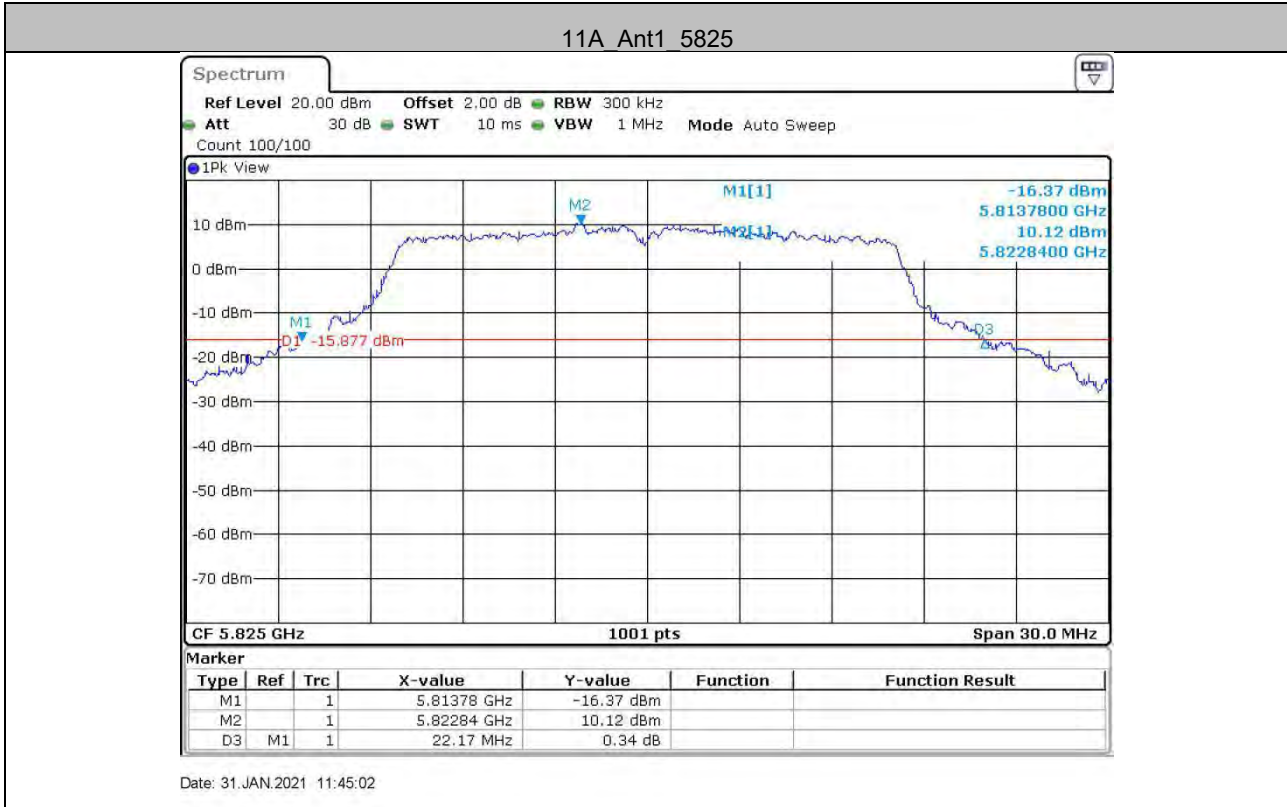
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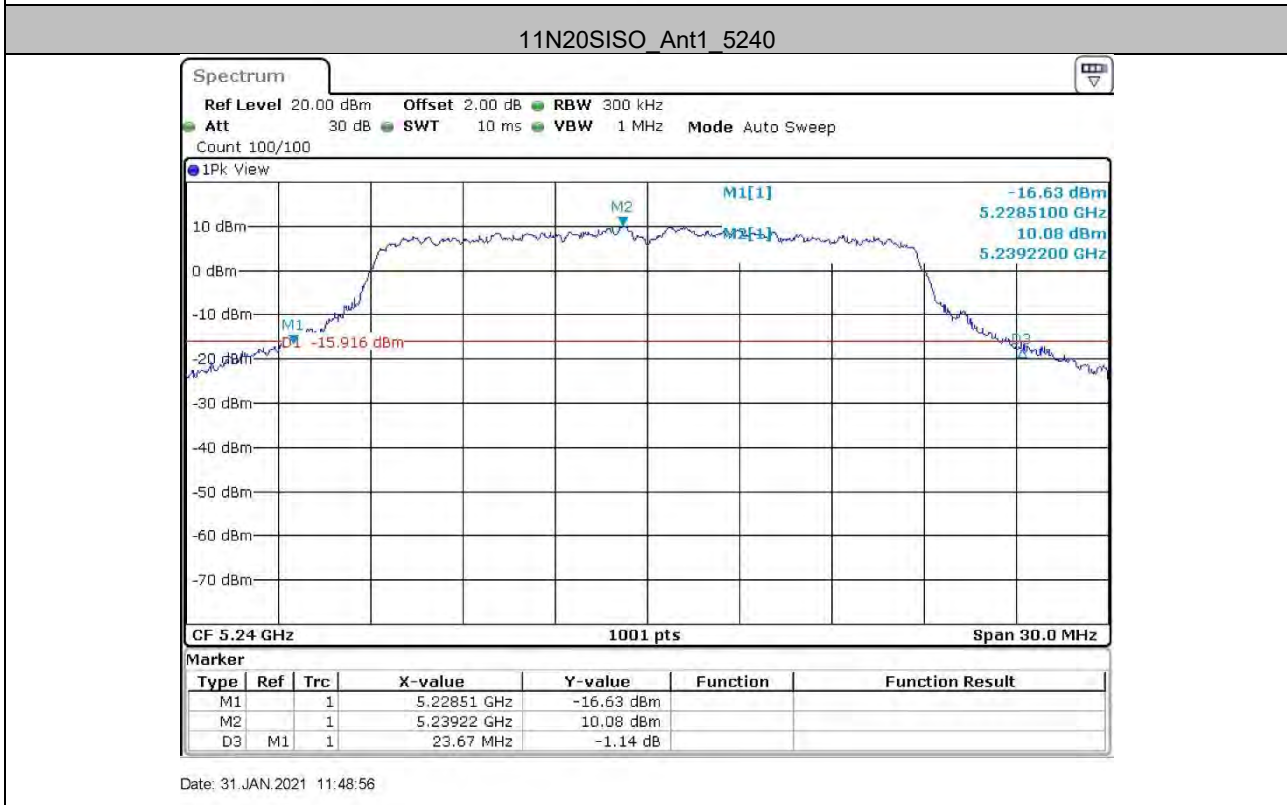
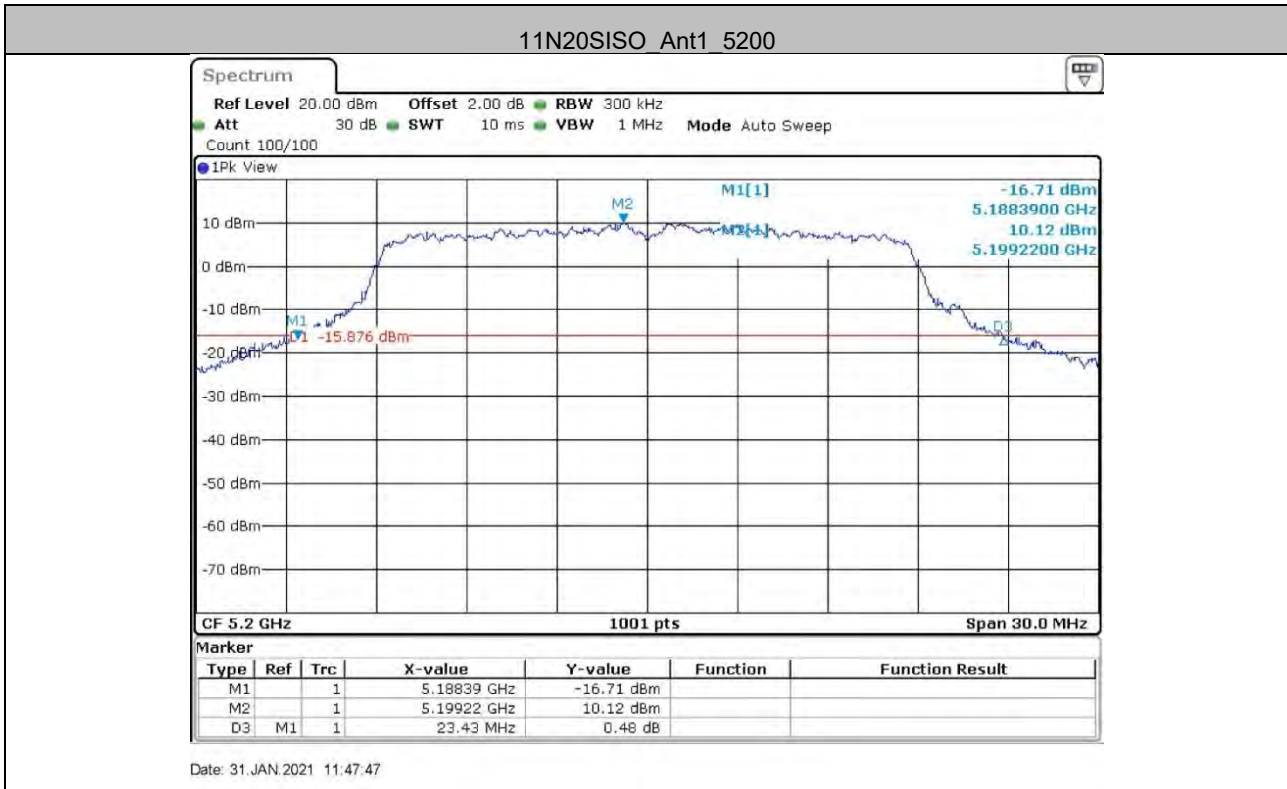
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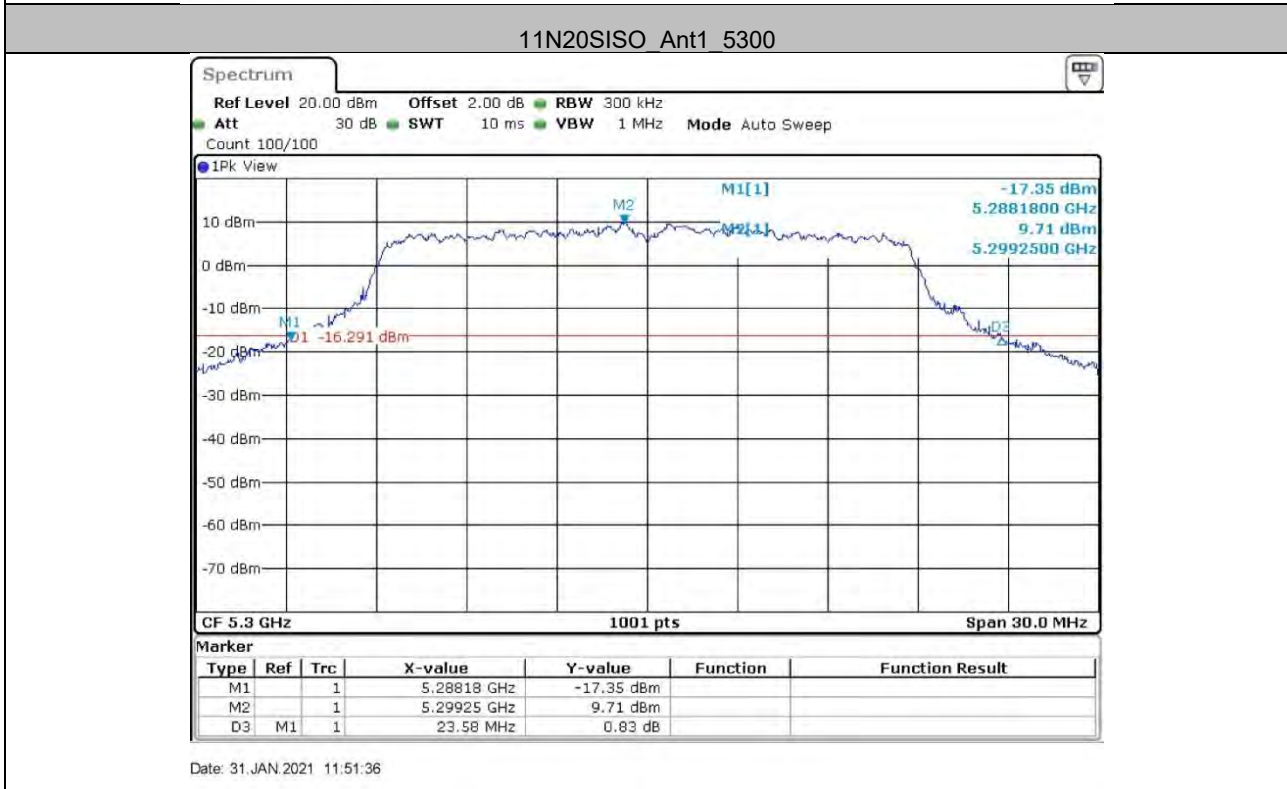
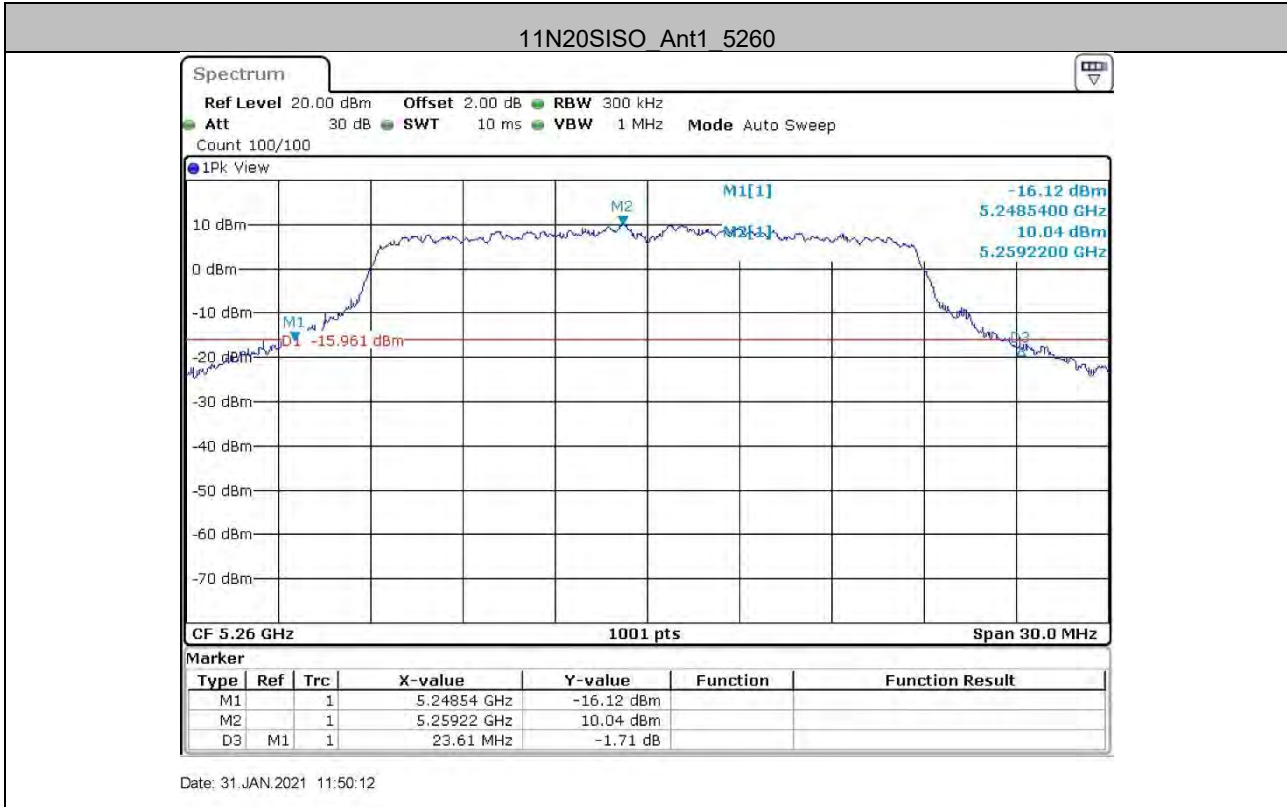
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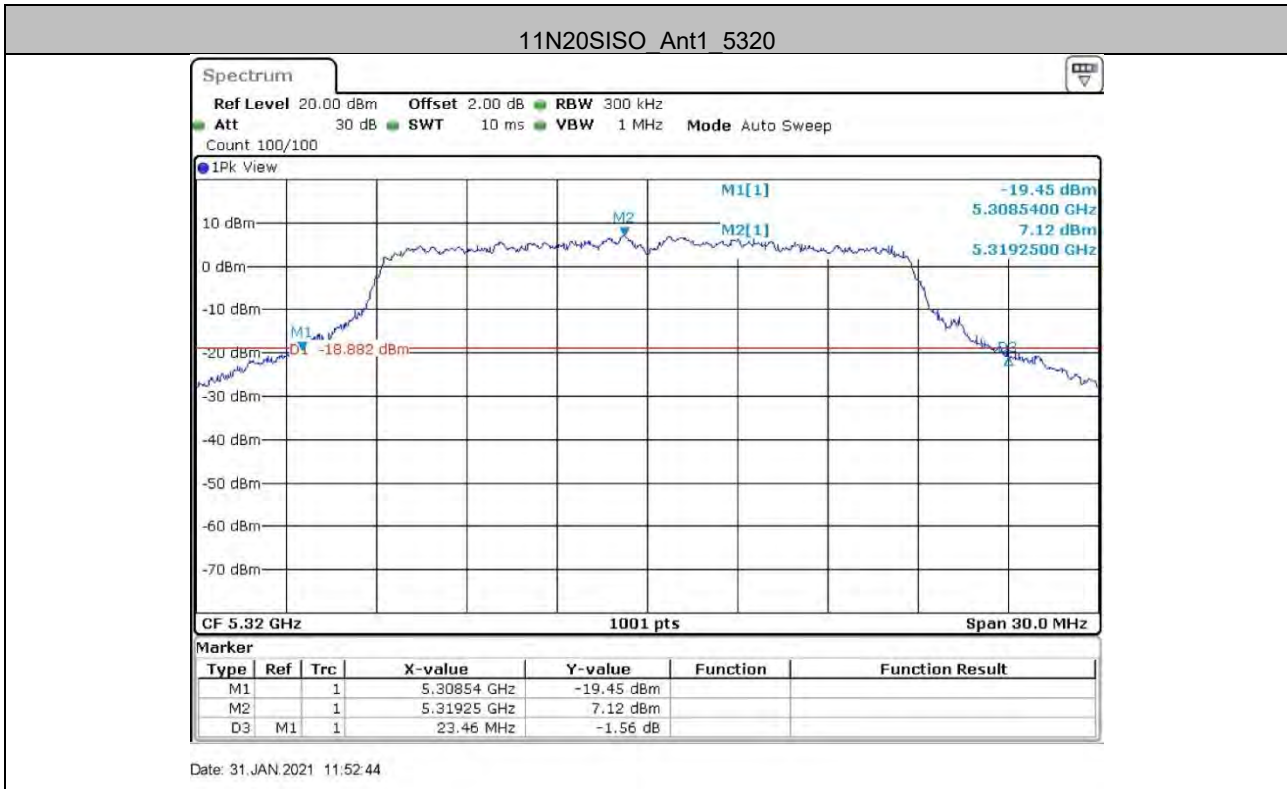
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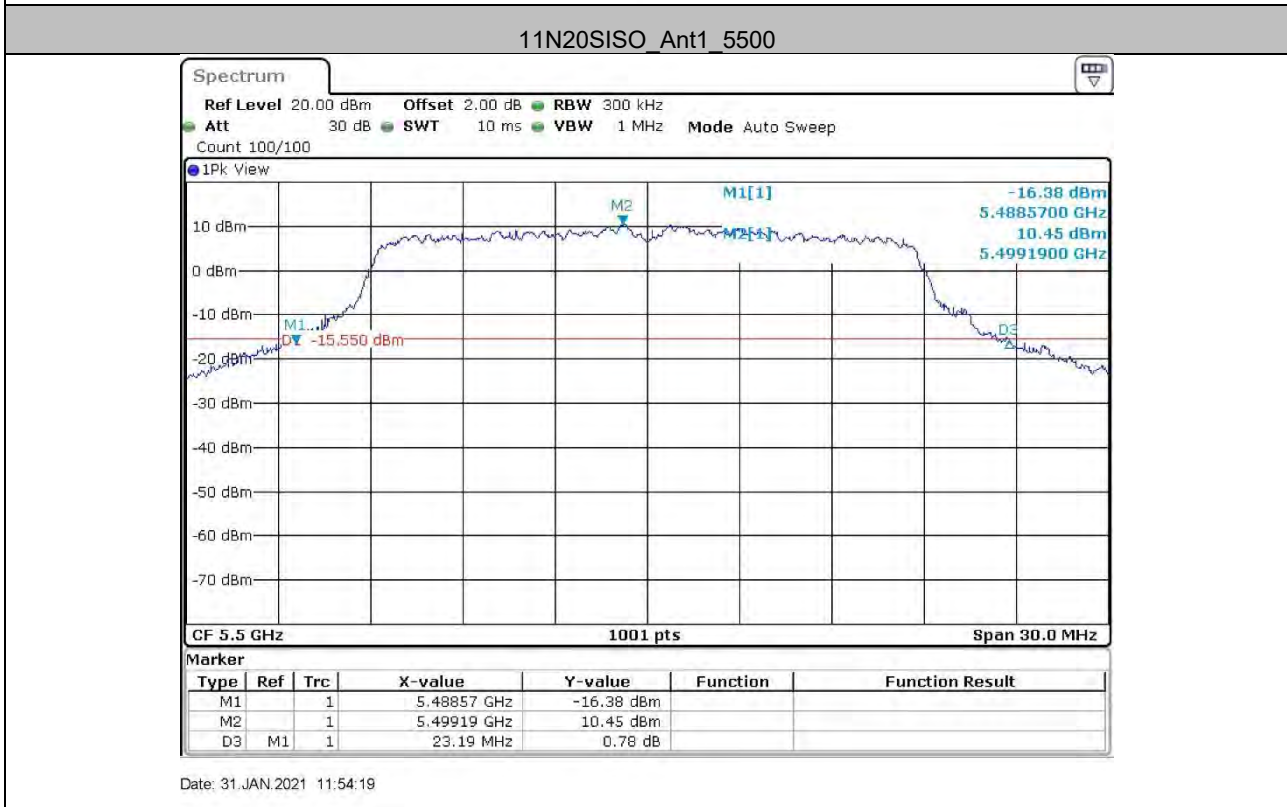


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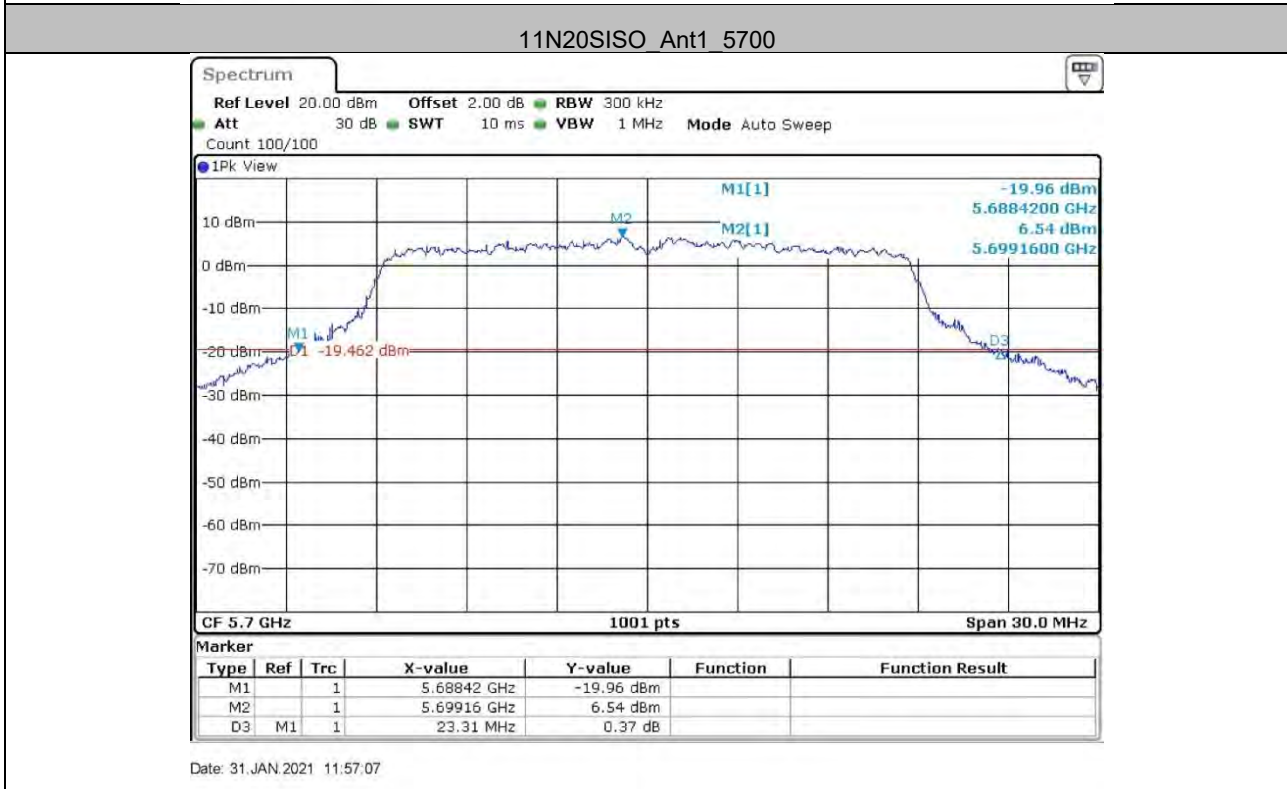


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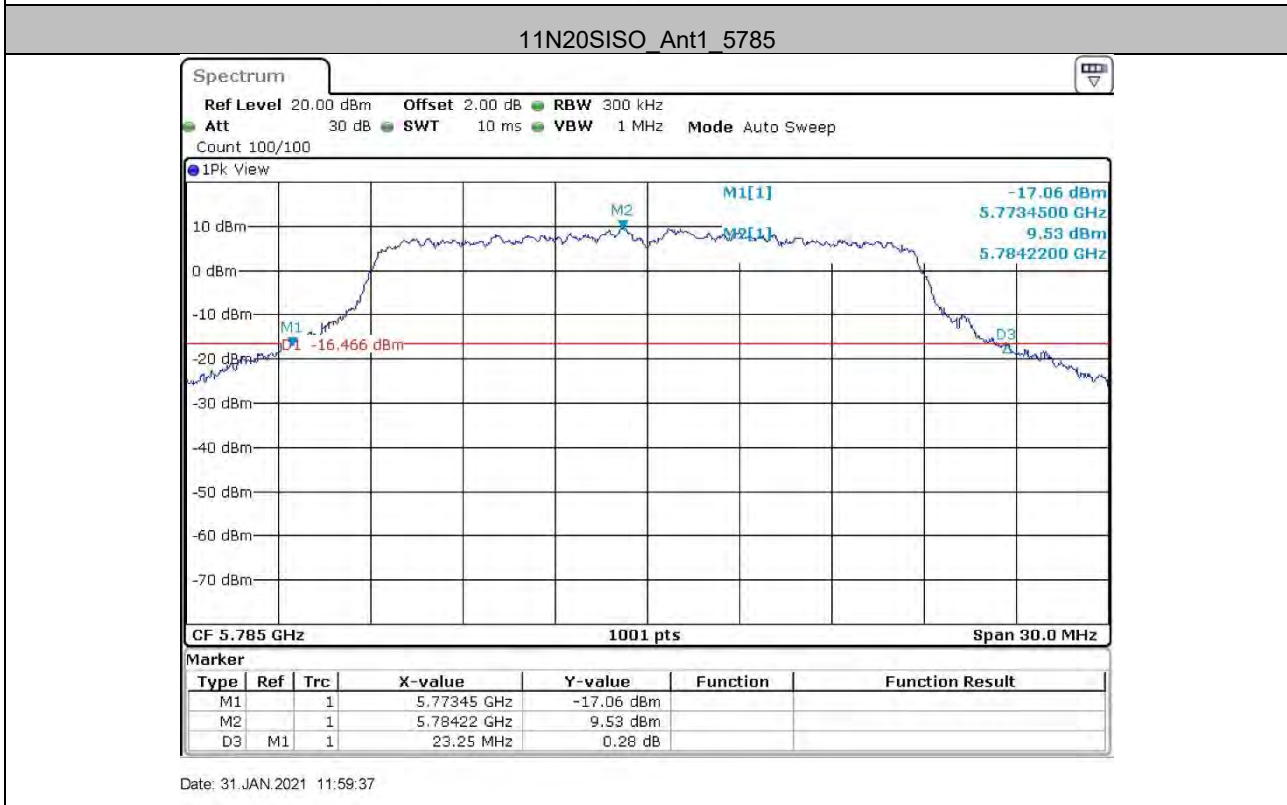
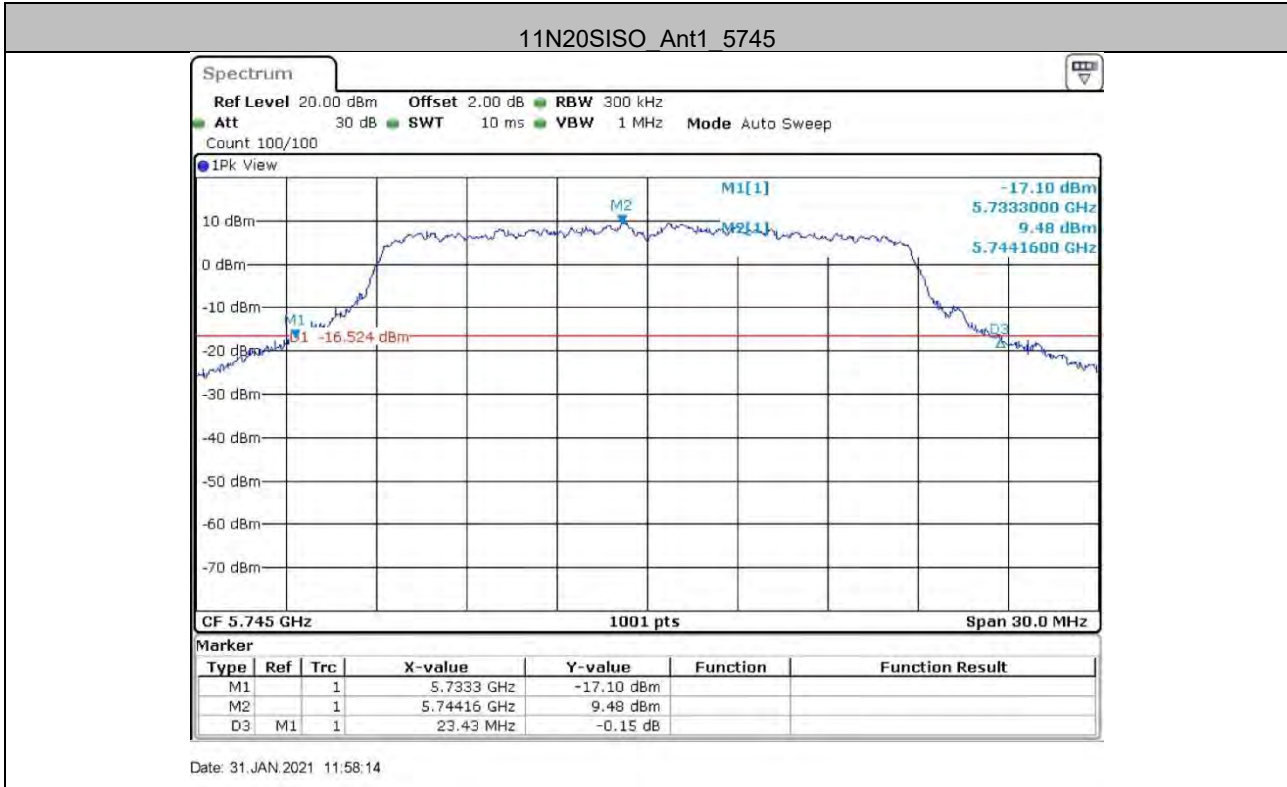


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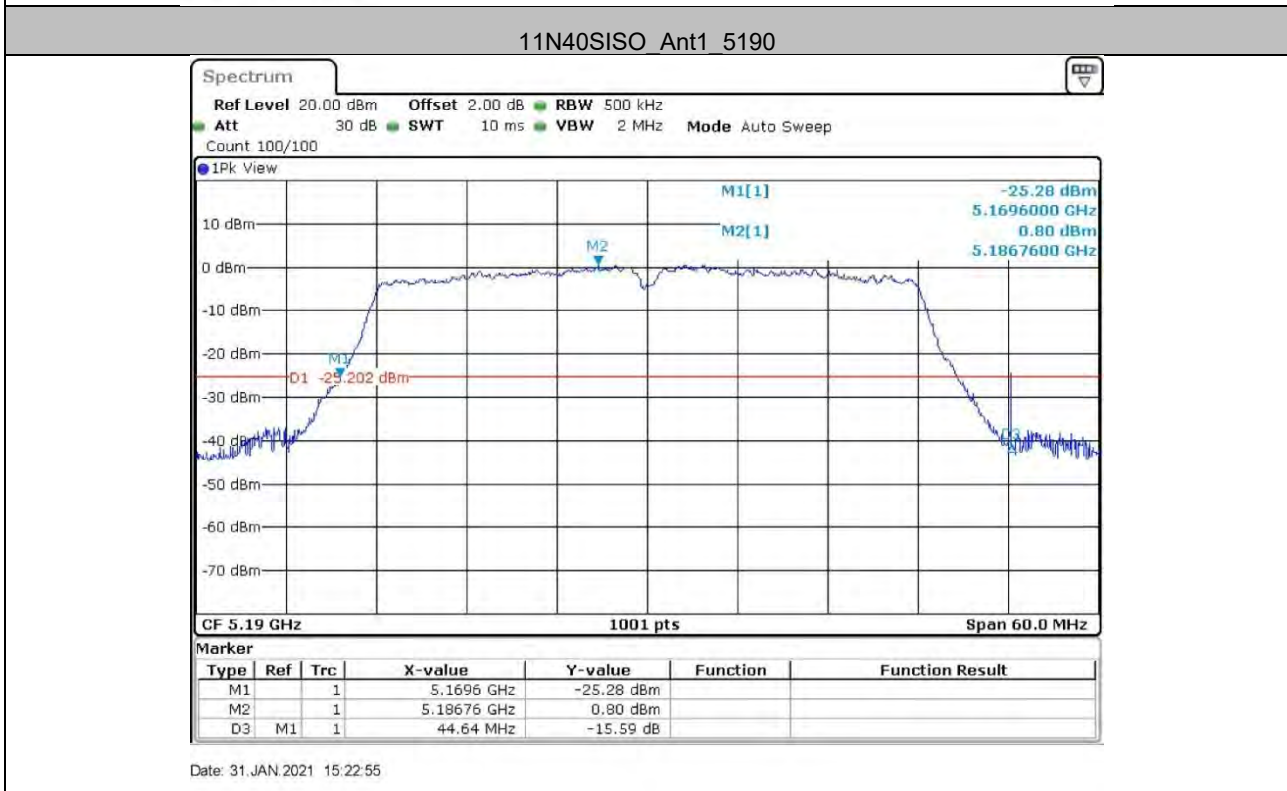
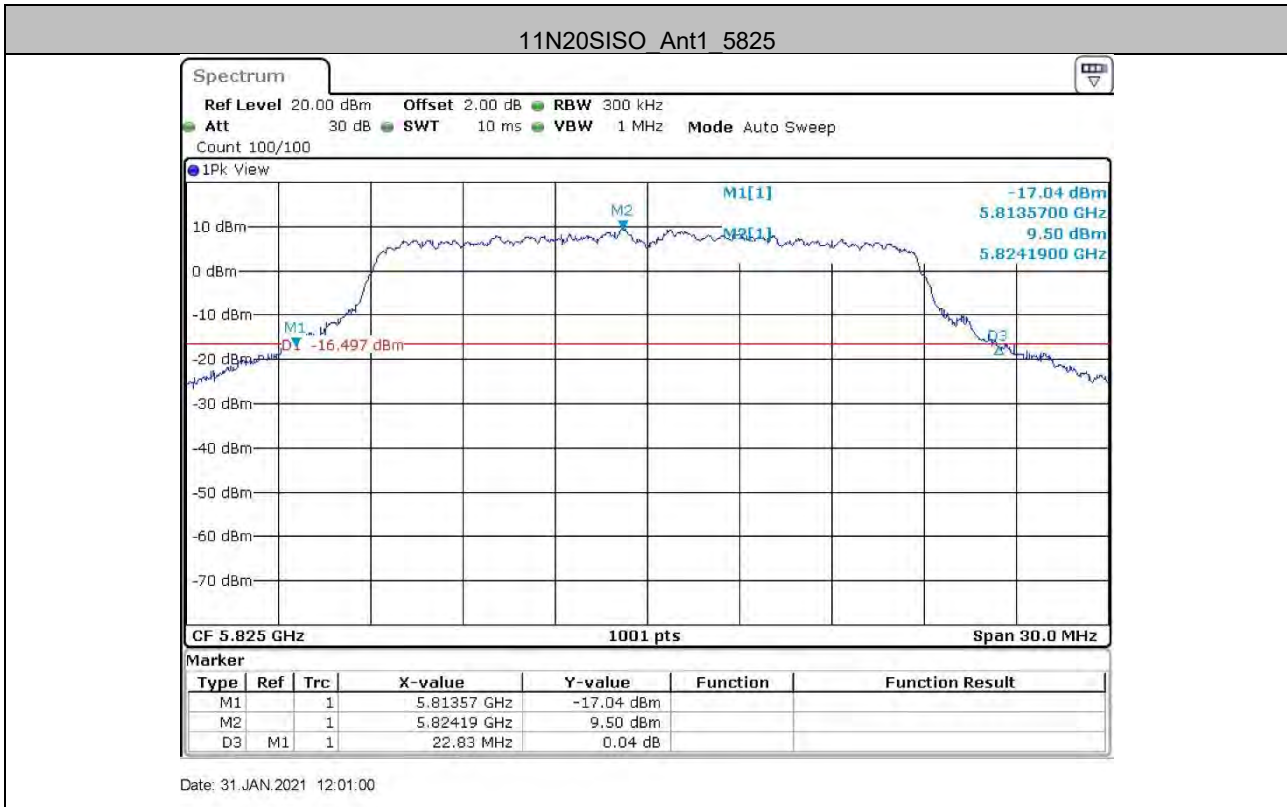


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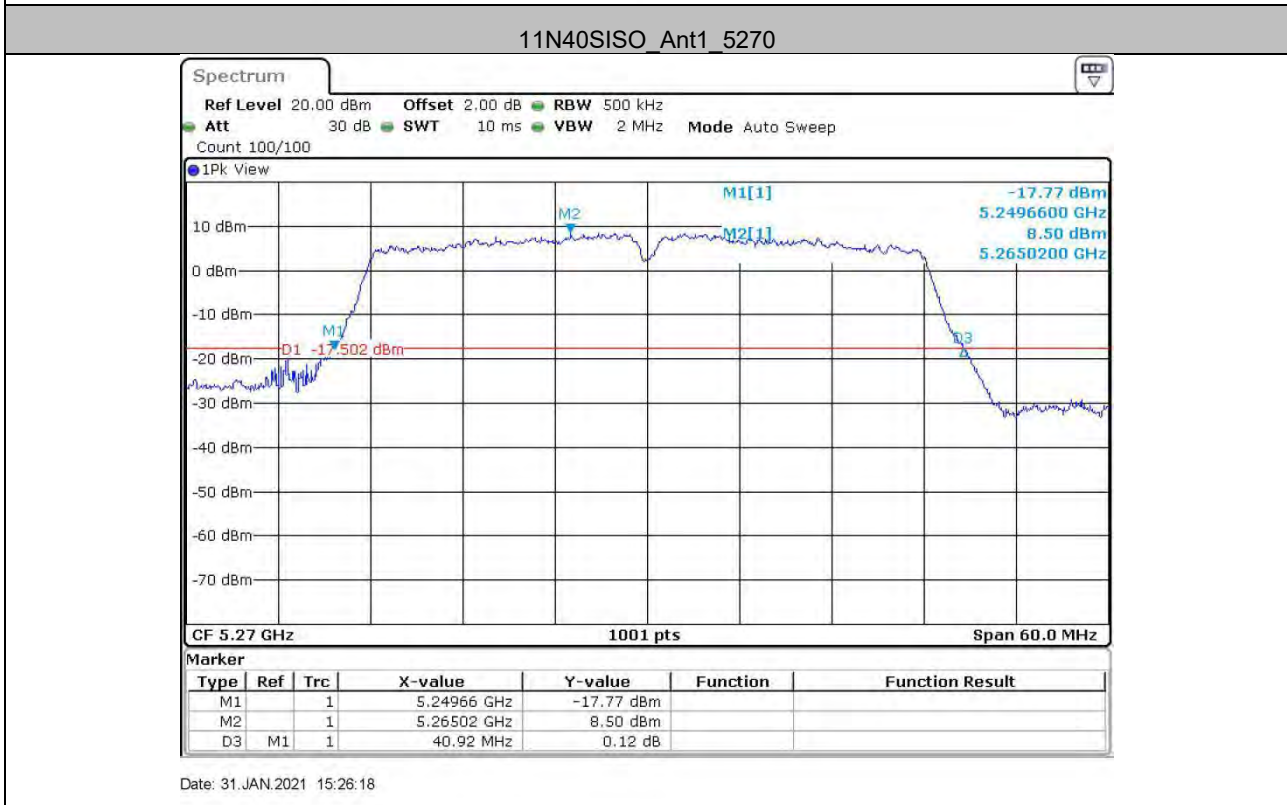
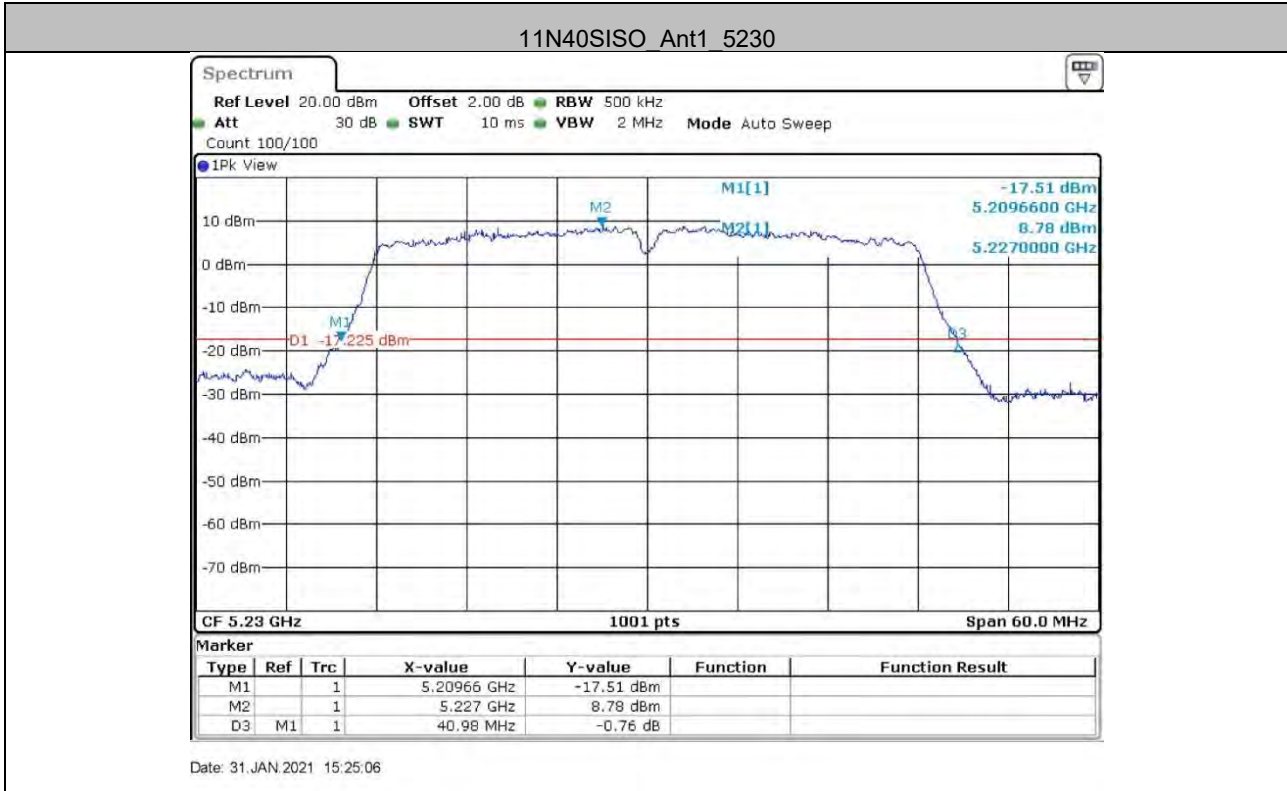
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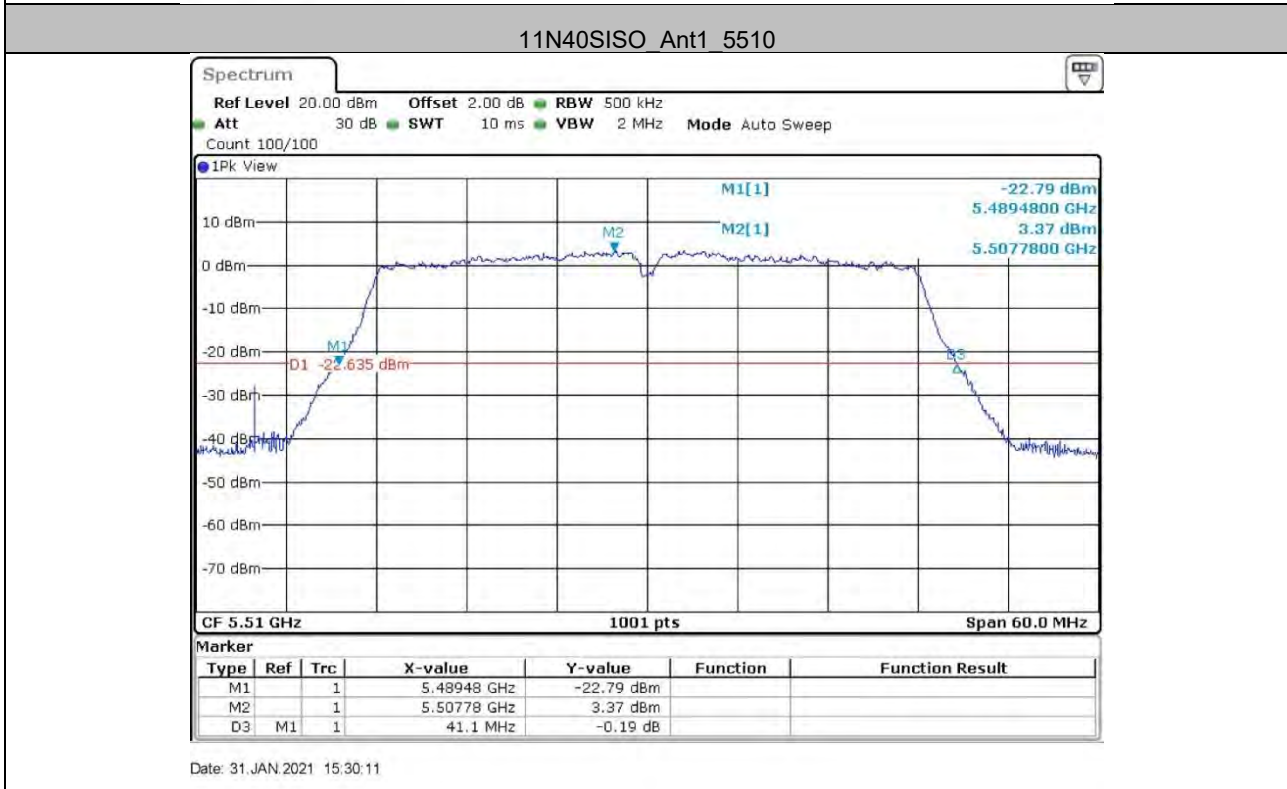
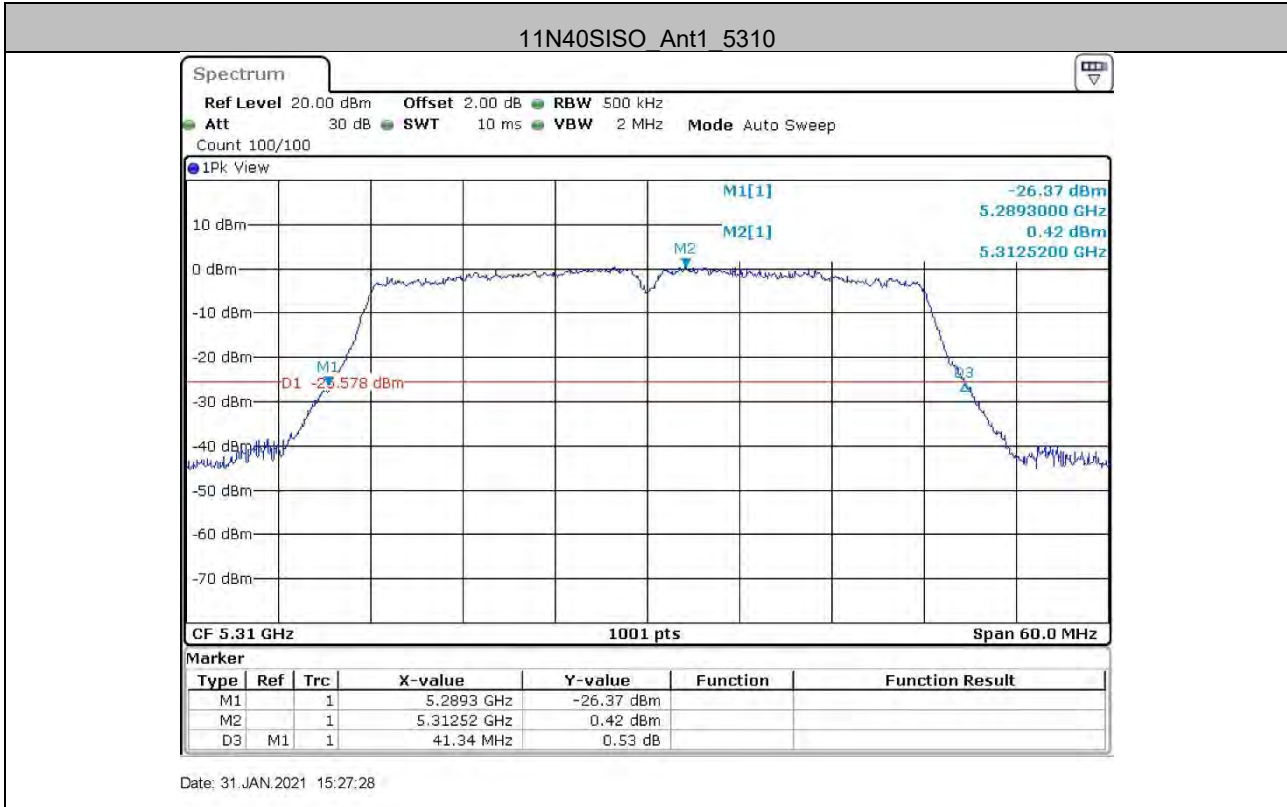
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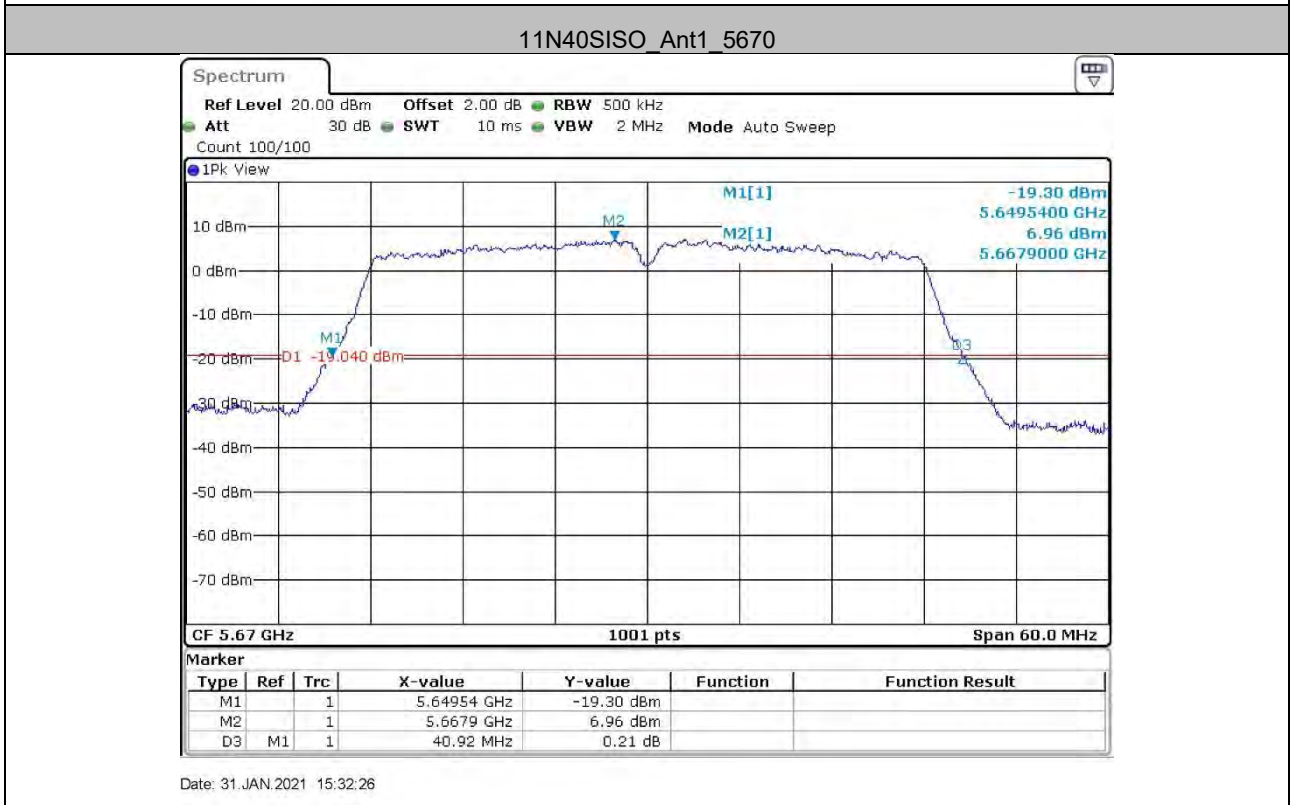
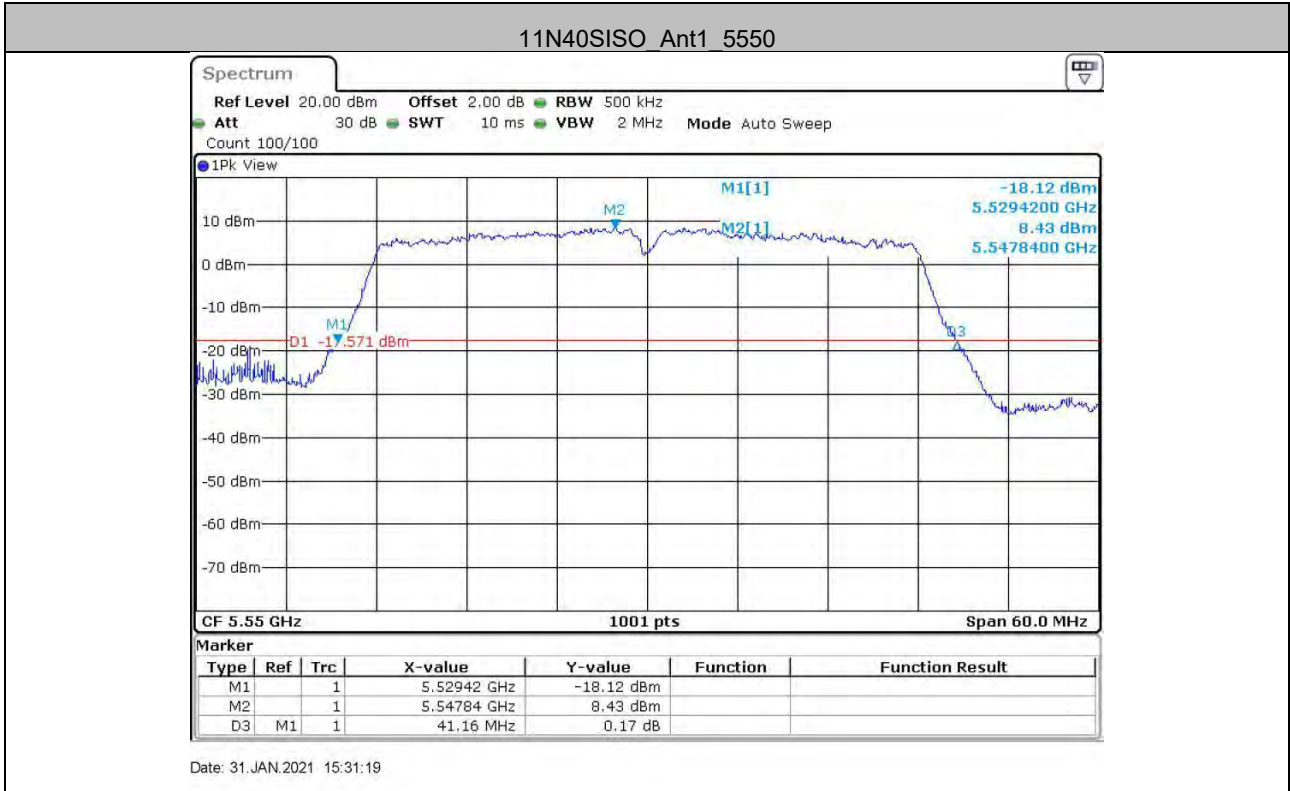


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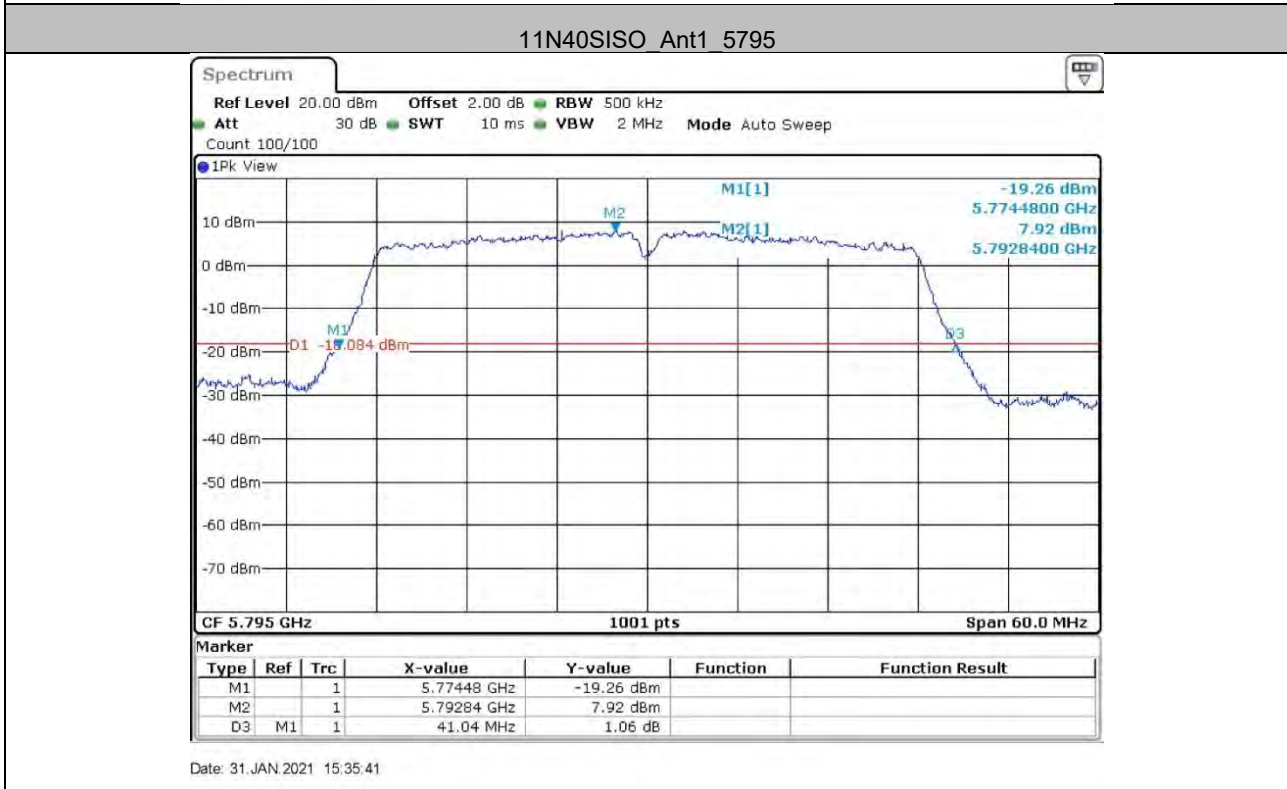
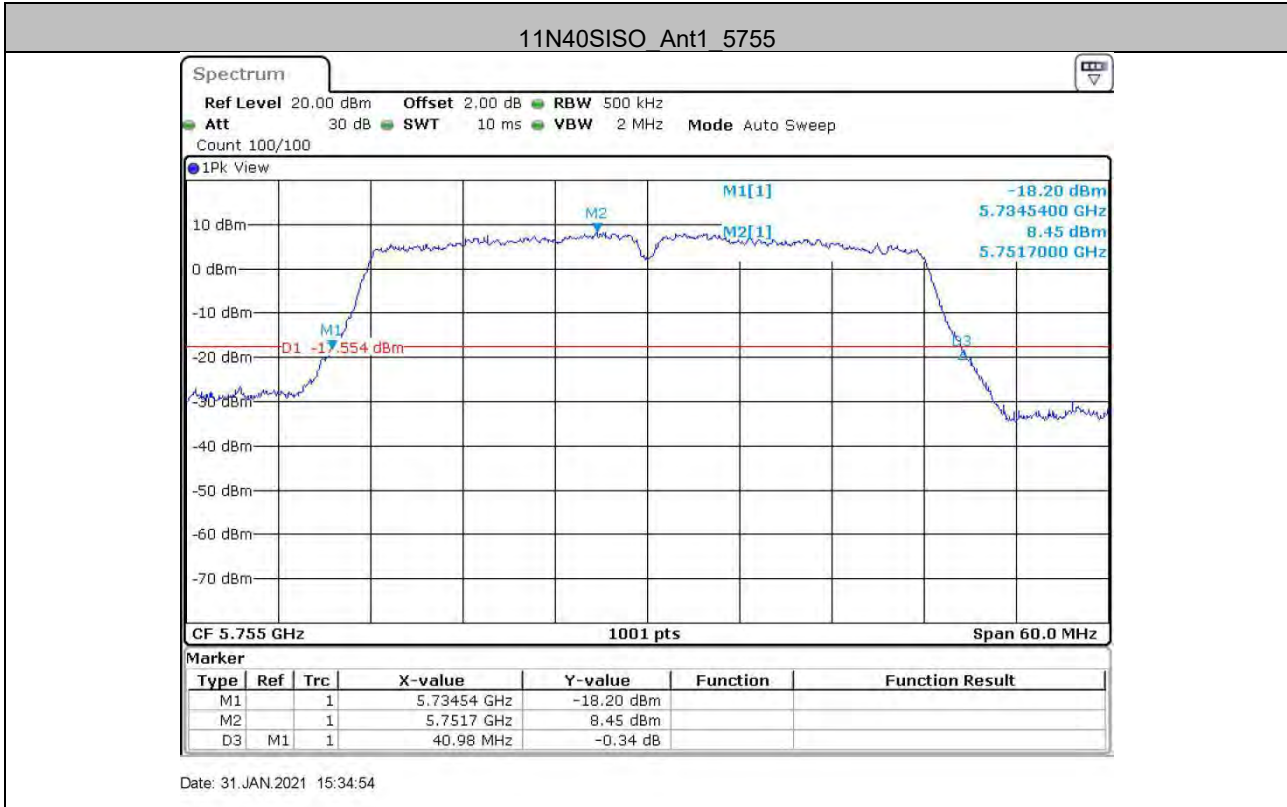


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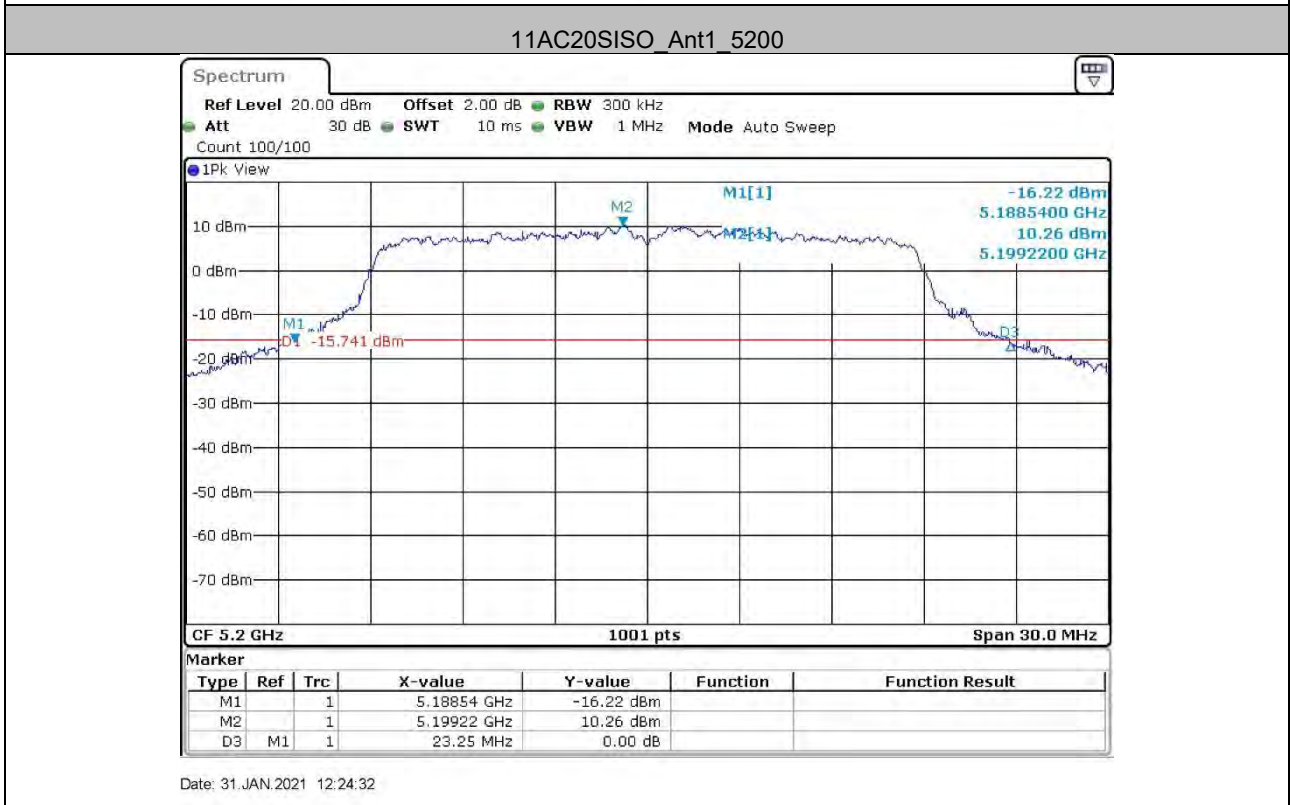
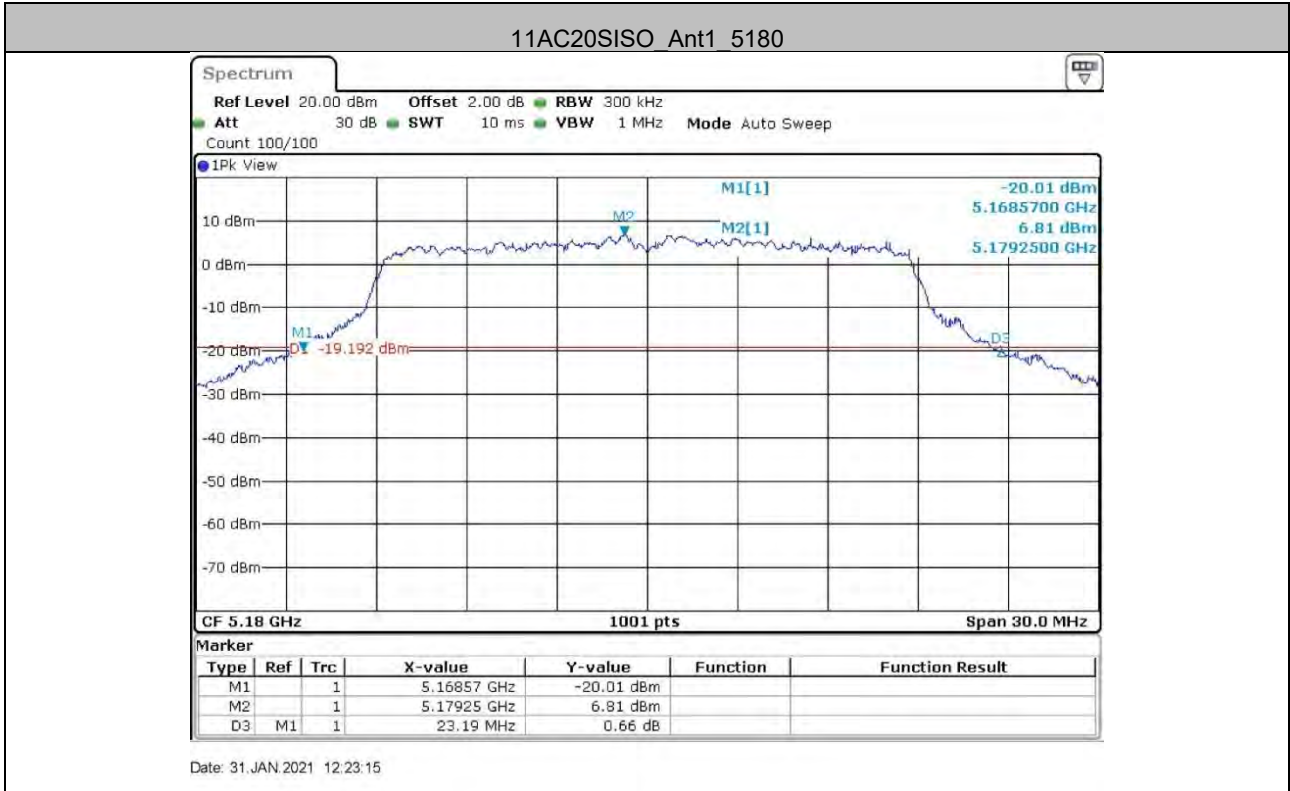
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