

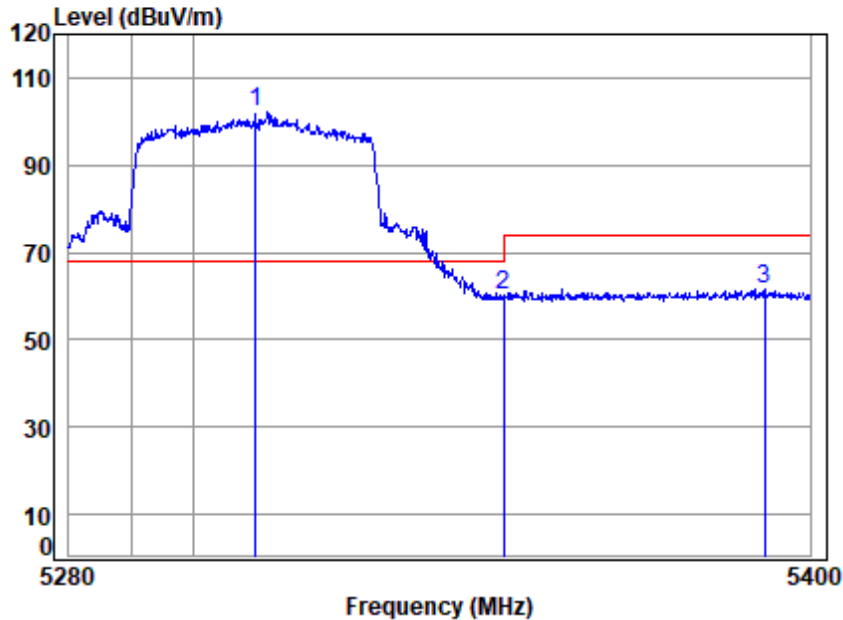
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SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230300078603

Page: 343 of 800

Test Mode: 02; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00786AT\00787AT
Mode : 5310 Band edge
: 5G WIFI 11AX40

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q 5310.000		7.52	34.22	35.00	95.45	102.19	68.20	33.99	peak
2 5350.020		7.56	34.30	35.00	53.32	60.18	74.00	-13.82	peak
3 5392.603		7.60	34.47	35.00	54.41	61.48	74.00	-12.52	peak



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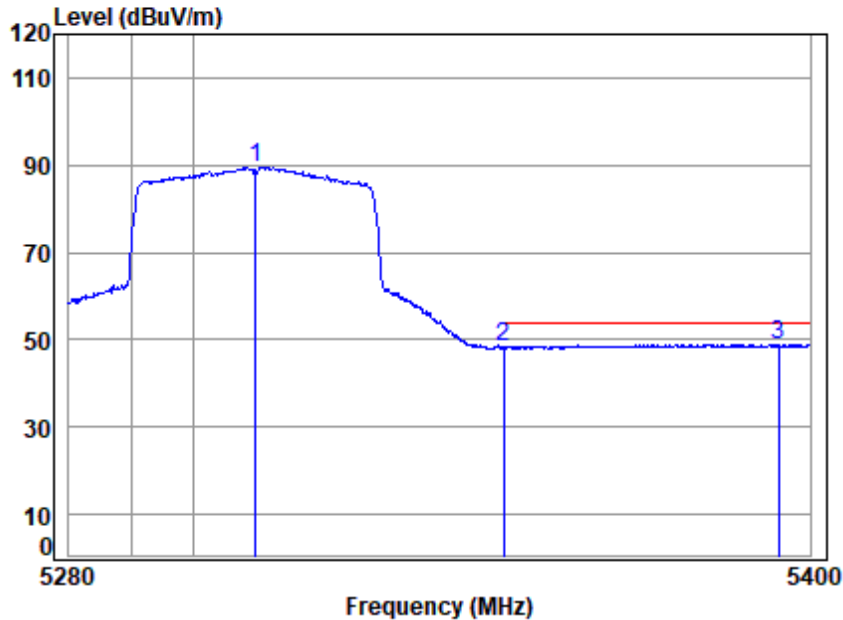
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00786AT\00787AT
Mode : 5310 Band edge
: 5G WIFI 11AX40

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5310.000	7.52	34.22	35.00	82.91	89.65	-----	-----	Average
2	5350.020	7.56	34.30	35.00	41.44	48.30	54.00	-5.70	Average
3 q	5394.784	7.61	34.48	35.01	41.83	48.91	54.00	-5.09	Average



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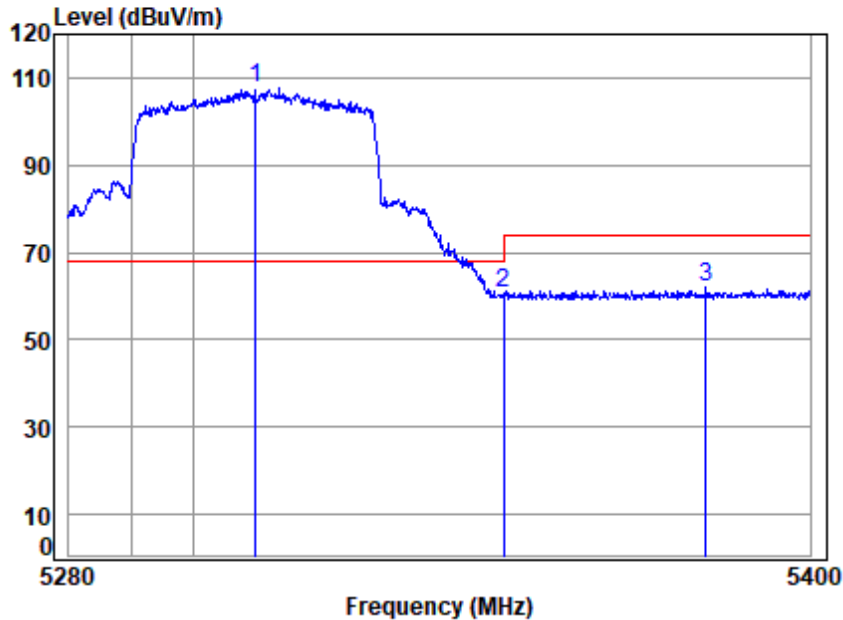
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Test Mode: 02; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00786AT\00787AT
Mode : 5310 Band edge
: 5G WIFI 11AX40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 q	5310.000	7.52	34.22	35.00	100.74	107.48	68.20	39.28 Peak
2	5350.020	7.56	34.30	35.00	53.79	60.65	74.00	-13.35 Peak
3	5383.037	7.59	34.43	35.00	54.93	61.95	74.00	-12.05 Peak



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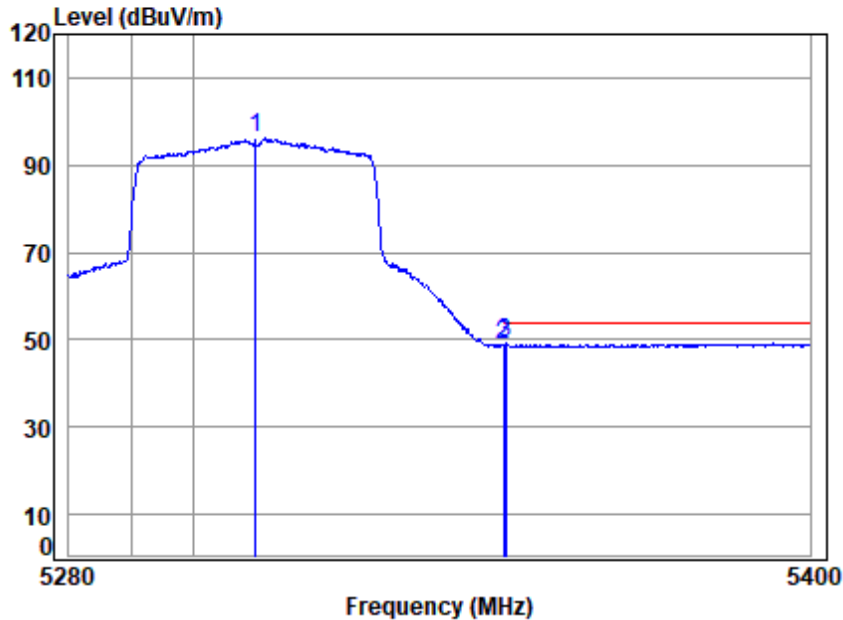
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Test Mode: 02; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00786AT\00787AT
Mode : 5310 Band edge
: 5G WIFI 11AX40

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5310.000	7.52	34.22	35.00	89.47	96.21	-----	-----	Average
2	5350.020	7.56	34.30	35.00	42.16	49.02	54.00	-4.98	Average
3 q	5350.474	7.56	34.30	35.00	42.26	49.12	54.00	-4.88	Average



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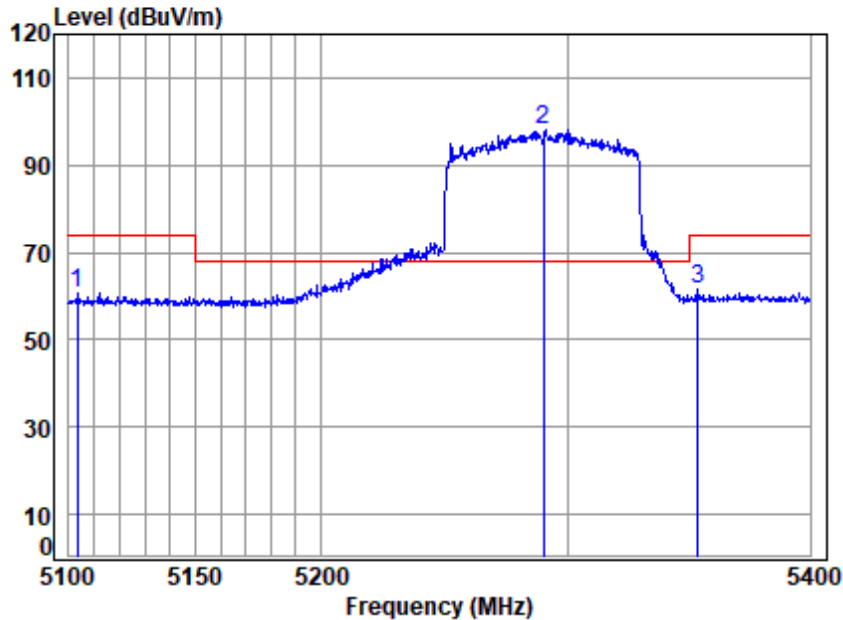
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00786AT\00787AT
Mode : 5290 Band edge
: 5G WIFI 11AX80

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5103.208	7.32	34.09	34.99	54.23	60.65	74.00	-13.35	peak
2 q	5290.000	7.50	34.16	35.00	91.46	98.12	68.20	29.92	peak
3	5353.594	7.57	34.31	35.00	54.53	61.41	74.00	-12.59	peak



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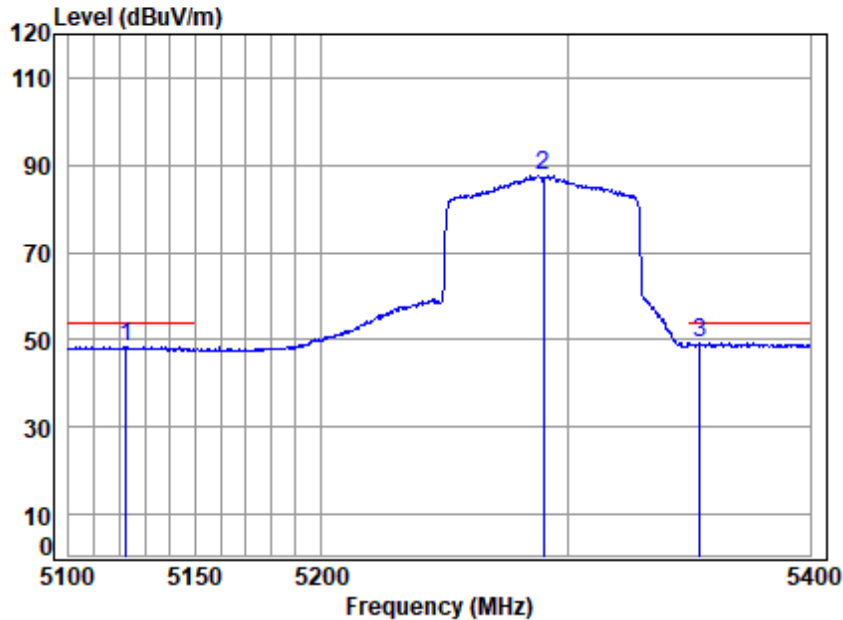
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00786AT\00787AT
Mode : 5290 Band edge
: 5G WIFI 11AX80

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5122.789	7.34	34.05	34.99	41.98	48.38	54.00	-5.62 Average
2	5290.000	7.50	34.16	35.00	81.01	87.67	-----	----- Average
3 q	5354.512	7.57	34.32	35.00	42.36	49.25	54.00	-4.75 Average



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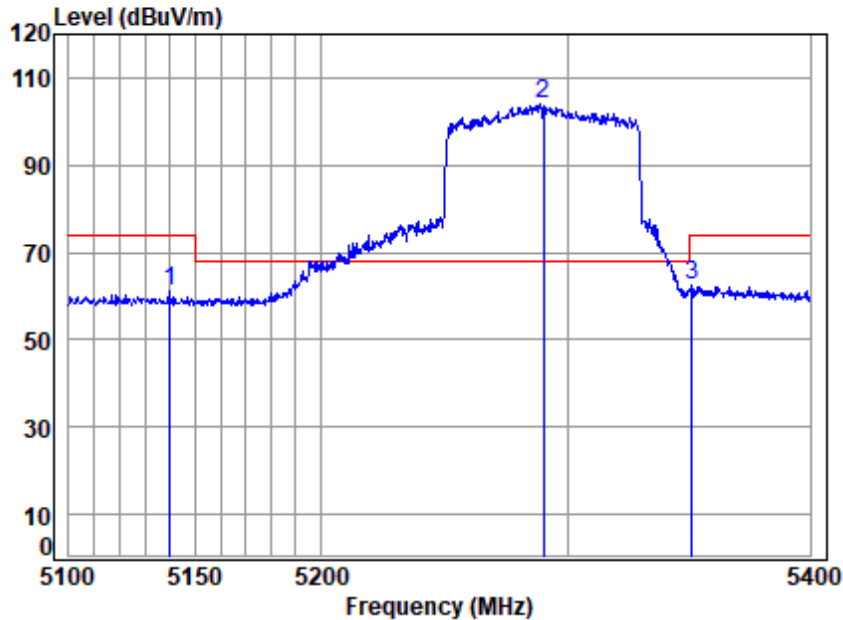
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Test Mode: 02; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00786AT\00787AT
Mode : 5290 Band edge
: 5G WIFI 11AX80

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5140.093	7.35	34.02	34.99	54.85	61.23	74.00	-12.77 Peak
2 q	5290.000	7.50	34.16	35.00	97.55	104.21	68.20	36.01 Peak
3	5350.840	7.56	34.30	35.00	55.88	62.74	74.00	-11.26 Peak



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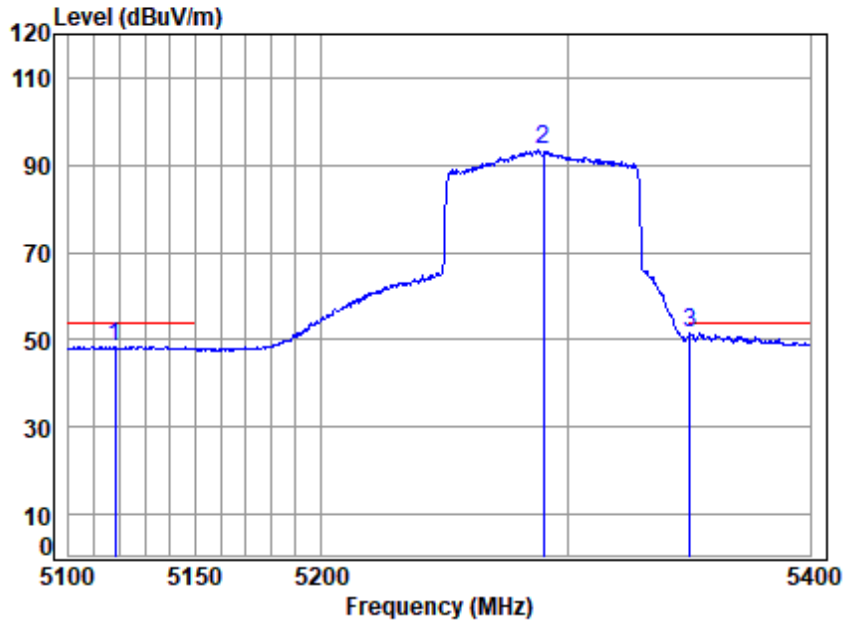
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Test Mode: 02; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00786AT\00787AT
Mode : 5290 Band edge
: 5G WIFI 11AX80

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5118.398	7.33	34.06	34.99	42.01	48.41	54.00	-5.59 Average
2	5290.000	7.50	34.16	35.00	86.77	93.43	-----	----- Average
3 q	5350.229	7.56	34.30	35.00	44.59	51.45	54.00	-2.55 Average



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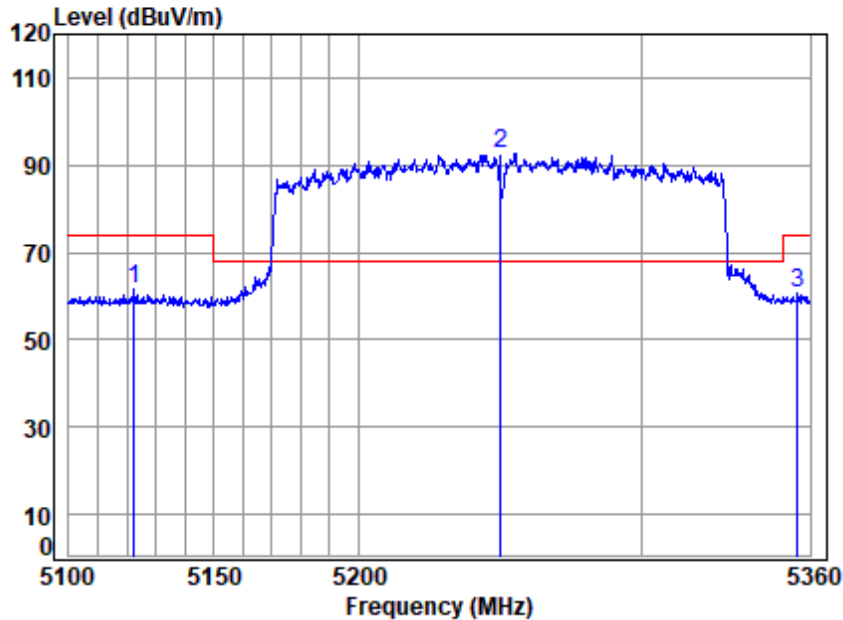
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00786AT\00787AT
Mode : 5250 Band edge
: 5G WIFI 11AX160

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5122.365	7.34	34.06	34.99	55.05	61.46	74.00	-12.54	peak
2 q	5250.000	7.46	34.00	35.00	86.23	92.69	68.20	24.49	peak
3	5355.471	7.57	34.32	35.00	53.74	60.63	74.00	-13.37	peak



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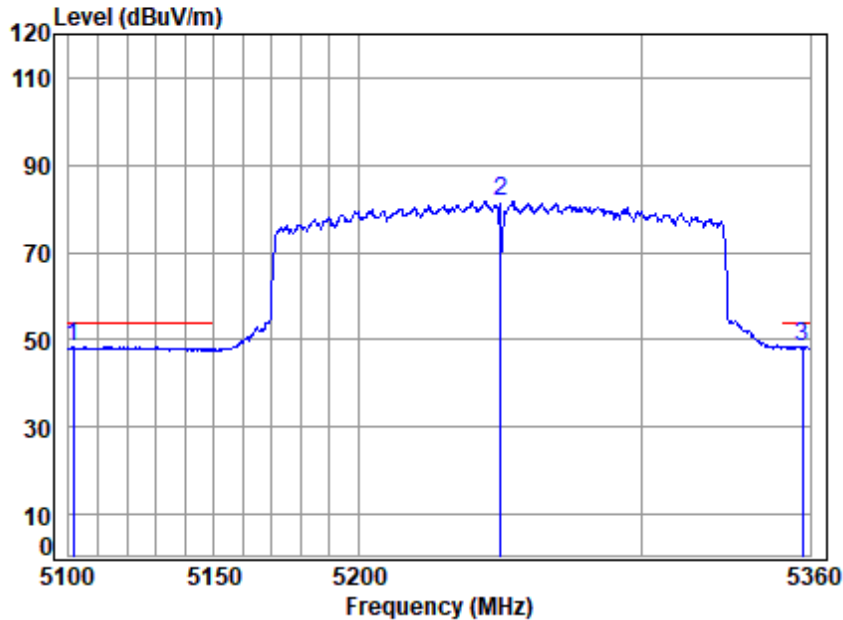
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00786AT\00787AT
Mode : 5250 Band edge
: 5G WIFI 11AX160

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5101.522	7.31	34.10	34.99	41.87	48.29	54.00	-5.71 Average
2	5250.000	7.46	34.00	35.00	75.28	81.74	-----	----- Average
3 q	5357.335	7.57	34.33	35.00	41.57	48.47	54.00	-5.53 Average



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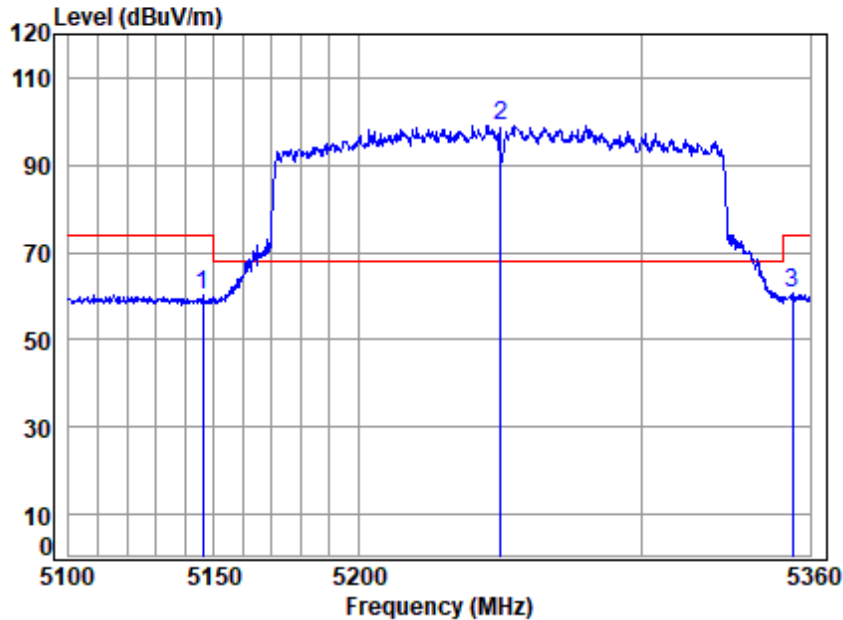
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SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230300078603

Page: 353 of 800

Test Mode: 02; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00786AT\00787AT
Mode : 5250 Band edge
: 5G WIFI 11AX160

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5146.107	7.36	34.01	34.99	53.96	60.34	74.00	-13.66	Peak
2 q	5250.000	7.46	34.00	35.00	92.75	99.21	68.20	31.01	Peak
3	5353.874	7.57	34.32	35.00	53.73	60.62	74.00	-13.38	Peak



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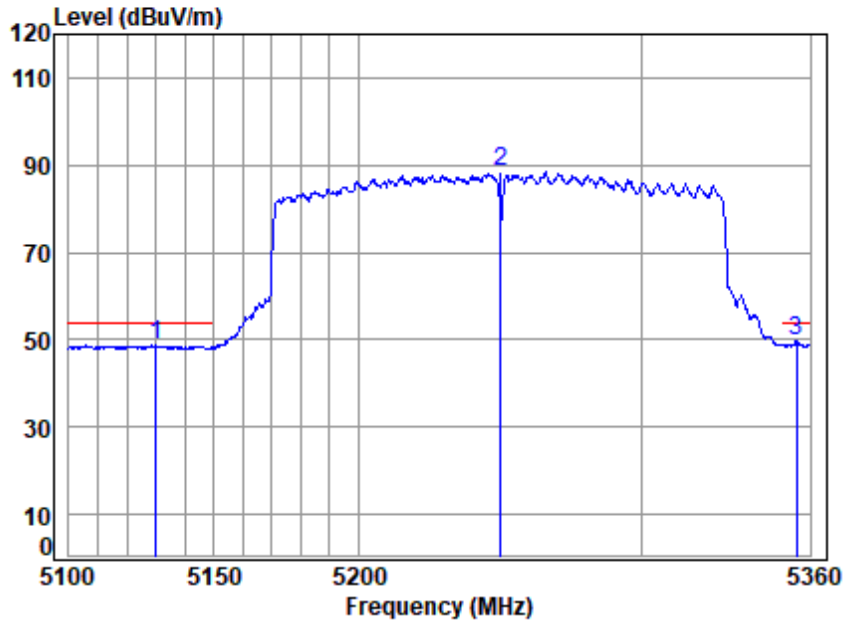
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Report No.: SZCR230300078603

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Test Mode: 02; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00786AT\00787AT
Mode : 5250 Band edge
: 5G WIFI 11AX160

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5130.012	7.34	34.04	34.99	42.42	48.81	54.00	-5.19	Average
2	5250.000	7.46	34.00	35.00	81.97	88.43	-----	-----	Average
3 q	5355.205	7.57	34.32	35.00	42.97	49.86	54.00	-4.14	Average



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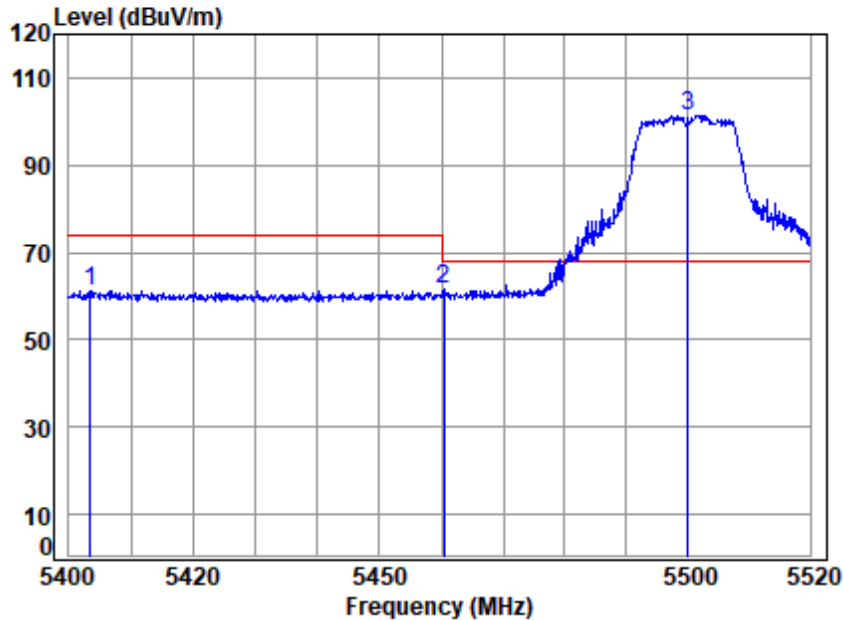
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Report No.: SZCR230300078603

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Test Mode: 03; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00786AT\00787AT
Mode : 5500 Band edge
: 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5403.443	7.61	34.51	35.01	54.04	61.15	74.00	-12.85	peak
2	5460.390	7.67	34.60	35.01	54.16	61.42	68.20	-6.78	peak
3 q	5500.000	7.71	34.60	35.01	94.13	101.43	68.20	33.23	peak

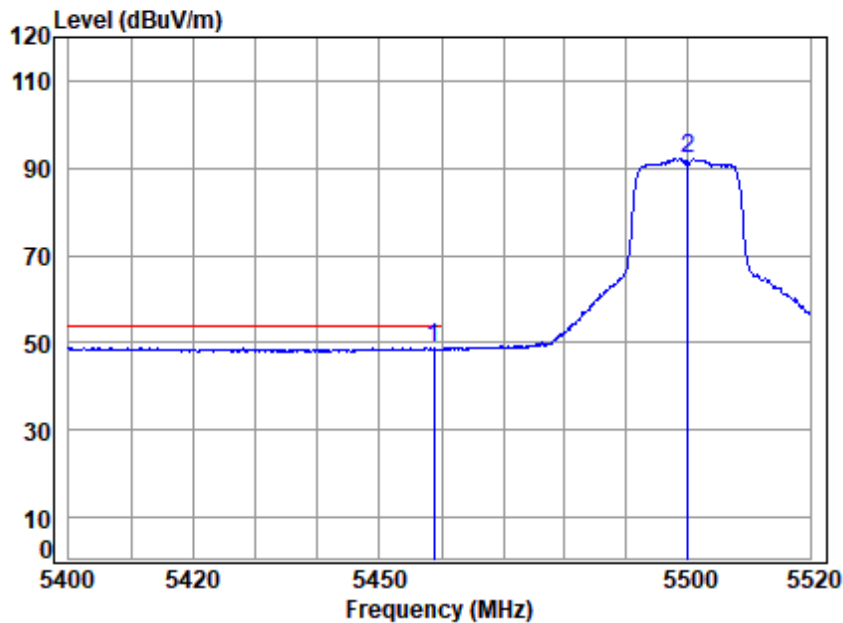


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Test Mode: 03; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low

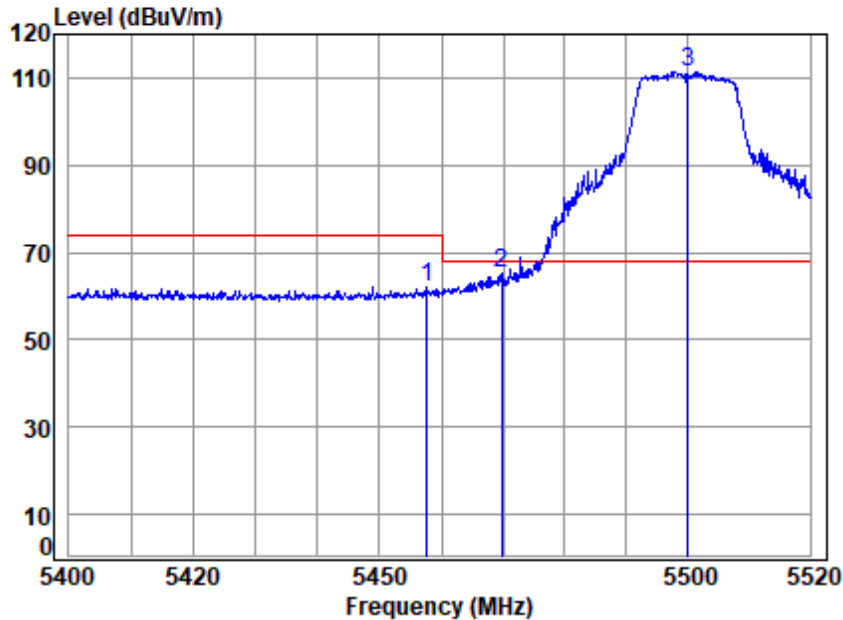


Site : chamber
Condition: 3m HORIZONTAL
Job No : 00786AT\00787AT
Mode : 5500 Band edge
: 5G WIFI 11A

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 q	5458.710	7.67	34.60	35.01	41.75	49.01	54.00	-4.99 Average
2	5500.000	7.71	34.60	35.01	84.98	92.28	-----	----- Average



Test Mode: 03; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low

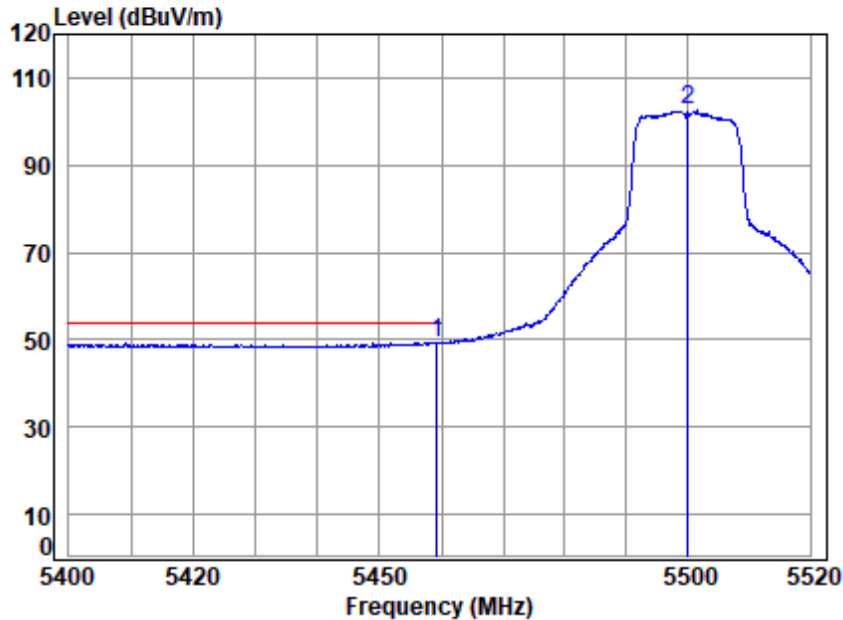


Site : chamber
Condition: 3m VERTICAL
Job No : 00786AT\00787AT
Mode : 5500 Band edge
: 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5457.631	7.67	34.60	35.01	54.92	62.18	74.00	-11.82	Peak
2	5469.759	7.68	34.60	35.01	57.87	65.14	68.20	-3.06	peak
3 q	5500.000	7.71	34.60	35.01	104.12	111.42	68.20	43.22	Peak



Test Mode: 03; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low

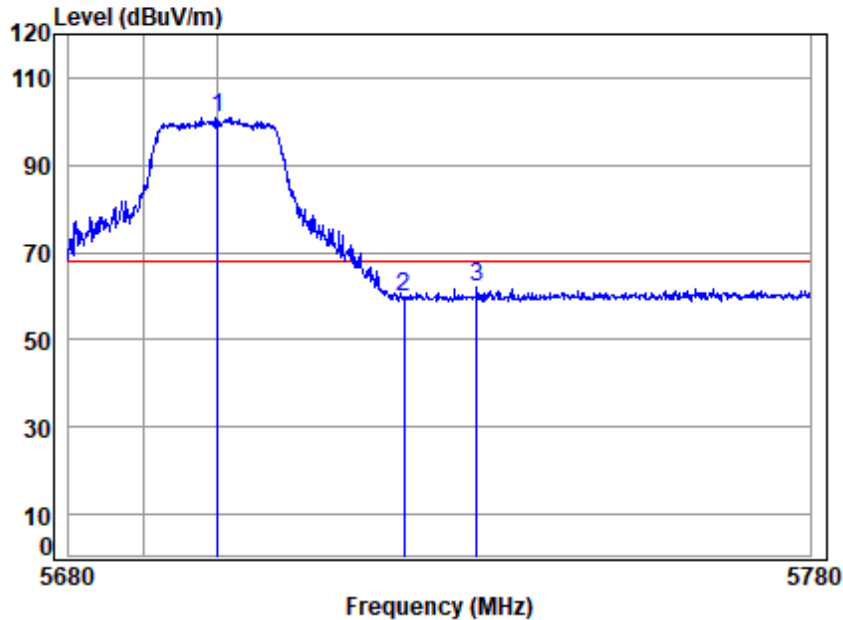


Site : chamber
Condition: 3m VERTICAL
Job No : 00786AT\00787AT
Mode : 5500 Band edge
: 5G WIFI 11A

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 q	5459.190	7.67	34.60	35.01	42.06	49.32	54.00	-4.68 Average
2	5500.000	7.71	34.60	35.01	95.16	102.46	-----	----- Average



Test Mode: 03; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00786AT\00787AT
Mode : 5700 Band edge
: 5G WIFI 11A

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 q	5700.000	7.89	34.50	35.02	93.53	100.90	68.20	32.70 peak
2	5725.000	7.92	34.50	35.02	52.22	59.62	68.20	-8.58 peak
3	5734.784	7.92	34.50	35.03	54.66	62.05	68.20	-6.15 peak



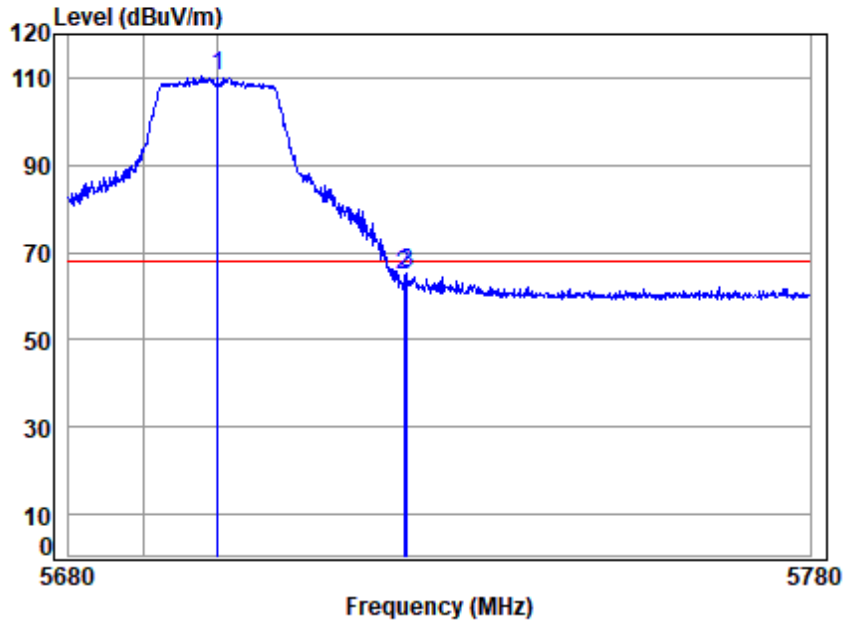
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Test Mode: 03; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00786AT\00787AT
Mode : 5700 Band edge
: 5G WIFI 11A

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 q 5700.000		7.89	34.50	35.02	102.91	110.28	68.20	42.08 Peak
2 5725.000		7.92	34.50	35.02	57.45	64.85	68.20	-3.35 Peak
3 5725.483		7.92	34.50	35.02	57.70	65.10	68.20	-3.10 Peak



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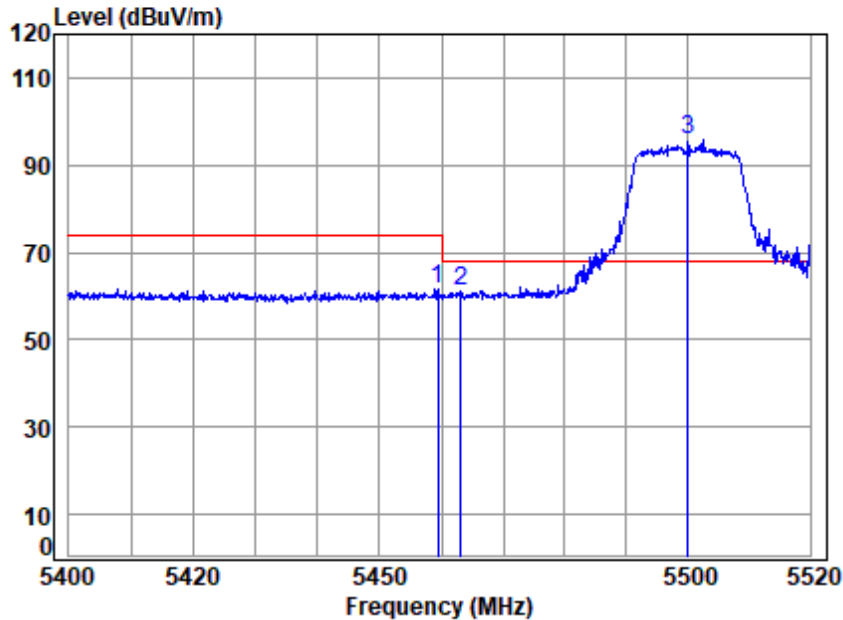
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00786AT\00787AT
Mode : 5500 Band edge
: 5G WIFI 11N20

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5459.430	7.67	34.60	35.01	54.29	61.55	74.00	-12.45 peak
2	5463.151	7.67	34.60	35.01	53.85	61.11	68.20	-7.09 peak
3 q	5500.000	7.71	34.60	35.01	88.48	95.78	68.20	27.58 peak

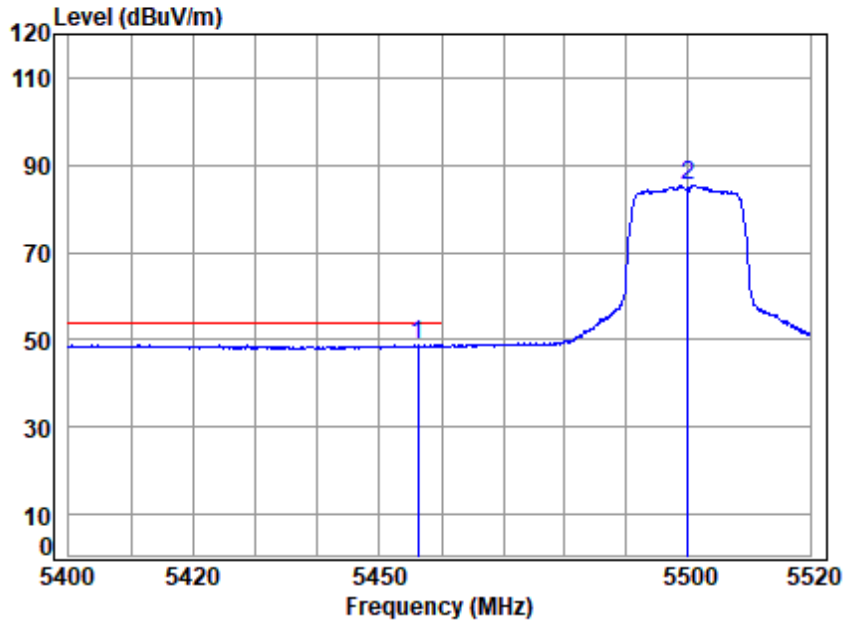


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Test Mode: 03; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00786AT\00787AT
Mode : 5500 Band edge
: 5G WIFI 11N20

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 q	5456.191	7.66	34.60	35.01	41.52	48.77	54.00	-5.23 Average
2	5500.000	7.71	34.60	35.01	78.05	85.35	-----	----- Average



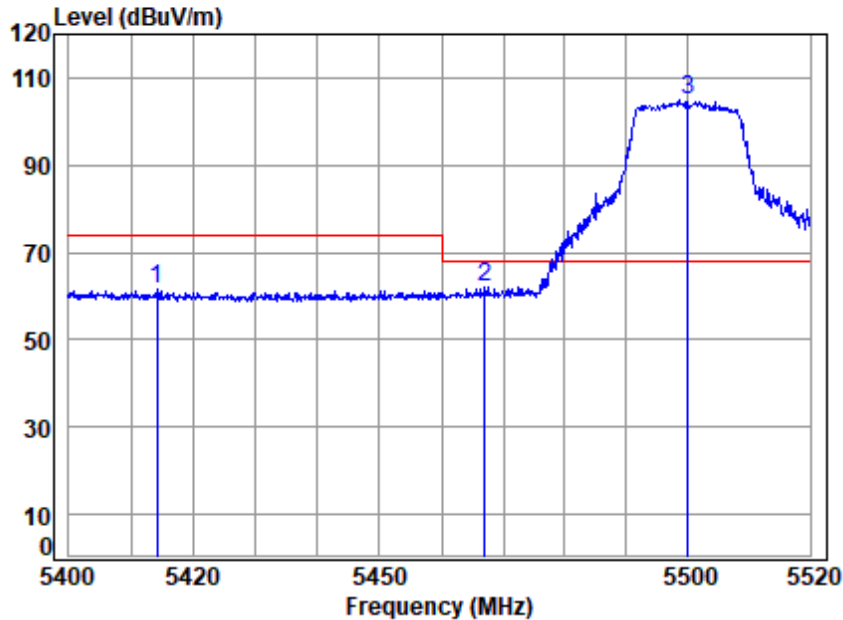
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Report No.: SZCR230300078603

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Test Mode: 03; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00786AT\00787AT
Mode : 5500 Band edge
: 5G WIFI 11N20

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5414.142	7.62	34.53	35.01	54.58	61.72	74.00	-12.28	Peak
2	5466.995	7.68	34.60	35.01	54.67	61.94	68.20	-6.26	peak
3 q	5500.000	7.71	34.60	35.01	97.45	104.75	68.20	36.55	Peak



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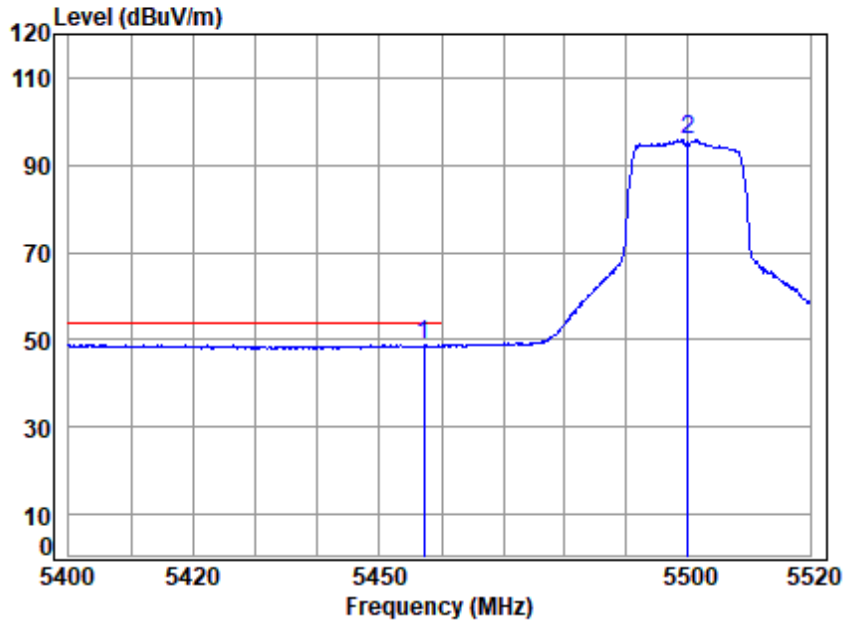
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Test Mode: 03; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00786AT\00787AT
Mode : 5500 Band edge
: 5G WIFI 11N20

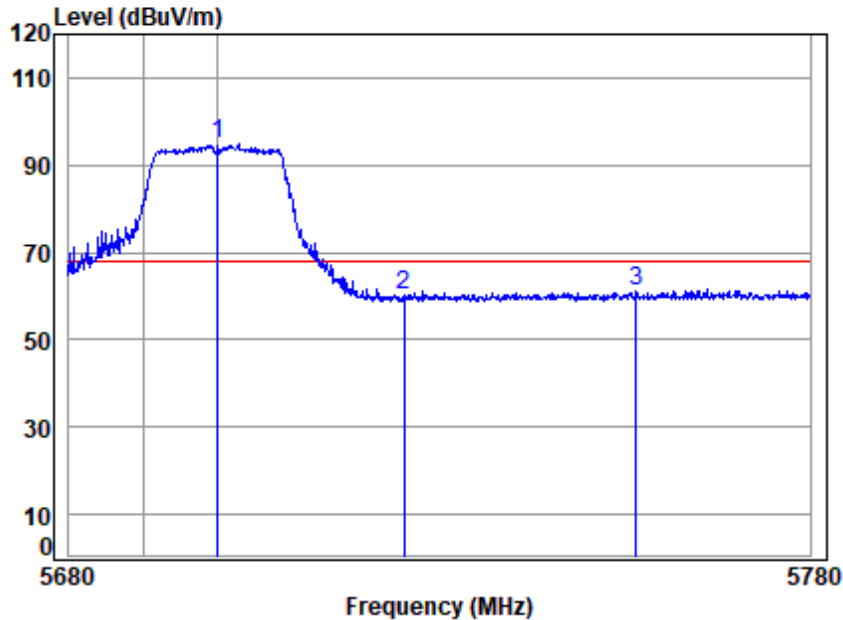
		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 q	5457.151	7.67	34.60	35.01	41.56	48.82	54.00	-5.18 Average
2	5500.000	7.71	34.60	35.01	88.56	95.86	-----	----- Average



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Test Mode: 03; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00786AT\00787AT
Mode : 5700 Band edge
: 5G WIFI 11N20

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q	5700.000	7.89	34.50	35.02	87.33	94.70	68.20	26.50	peak
2	5725.000	7.92	34.50	35.02	52.85	60.25	68.20	-7.95	peak
3	5756.343	7.94	34.51	35.03	53.89	61.31	68.20	-6.89	peak



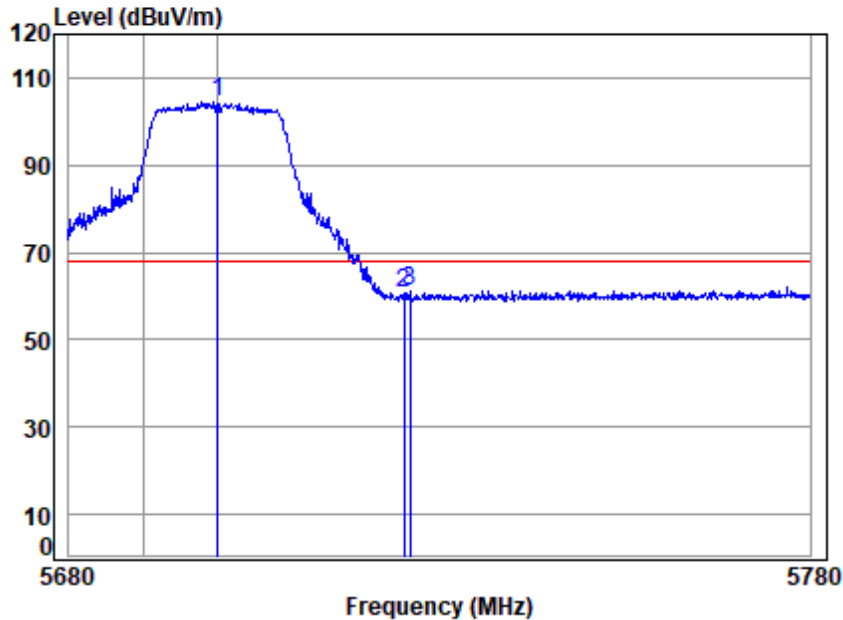
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Test Mode: 03; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00786AT\00787AT
Mode : 5700 Band edge
: 5G WIFI 11N20

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 q 5700.000		7.89	34.50	35.02	97.19	104.56	68.20	36.36 Peak
2 5725.000		7.92	34.50	35.02	53.47	60.87	68.20	-7.33 Peak
3 5725.783		7.92	34.50	35.02	53.90	61.30	68.20	-6.90 Peak



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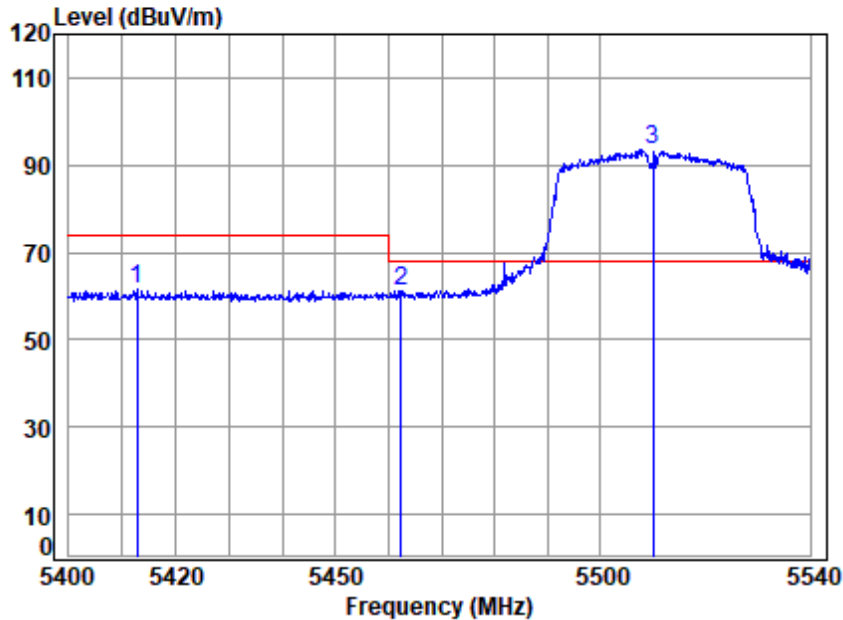
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00786AT\00787AT
Mode : 5510 Band edge
: 5G WIFI 11N40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5412.731	7.62	34.53	35.01	54.23	61.37	74.00	-12.63 peak
2	5462.277	7.67	34.60	35.01	54.04	61.30	68.20	-6.90 peak
3 q	5510.000	7.72	34.60	35.01	86.21	93.52	68.20	25.32 peak

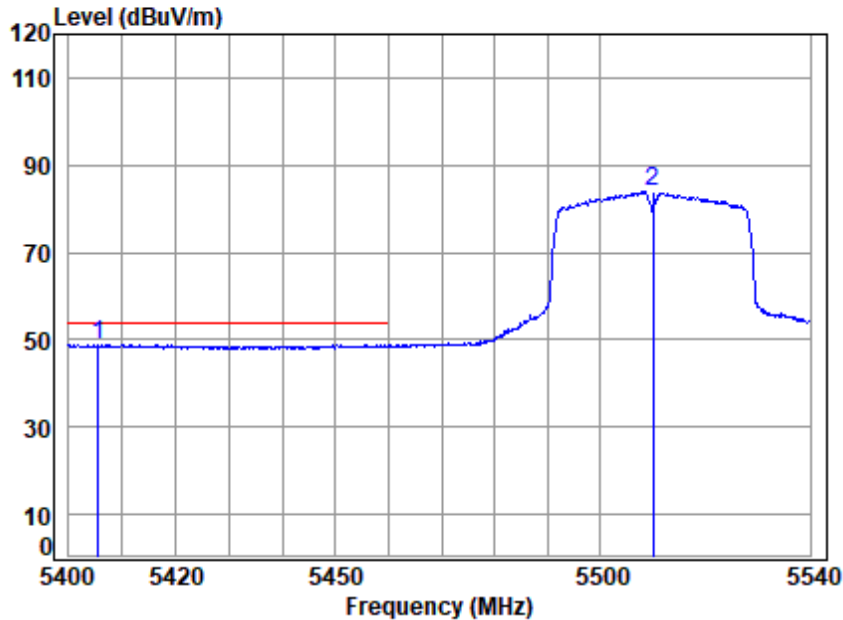


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Test Mode: 03; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low

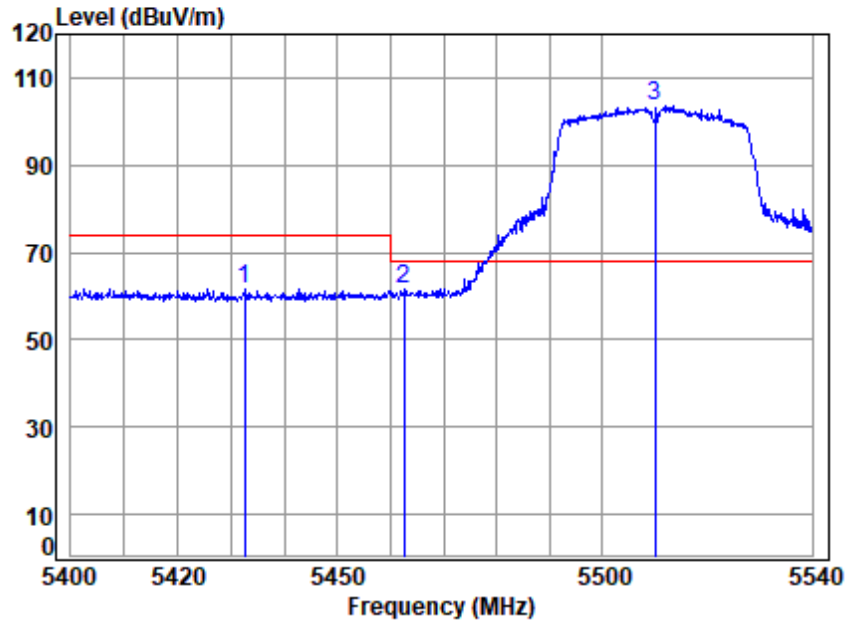


Site : chamber
Condition: 3m HORIZONTAL
Job No : 00786AT\00787AT
Mode : 5510 Band edge
: 5G WIFI 11N40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 q	5405.531	7.62	34.51	35.01	41.75	48.87	54.00	-5.13 Average
2	5510.000	7.72	34.60	35.01	76.57	83.88	-----	----- Average



Test Mode: 03; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low

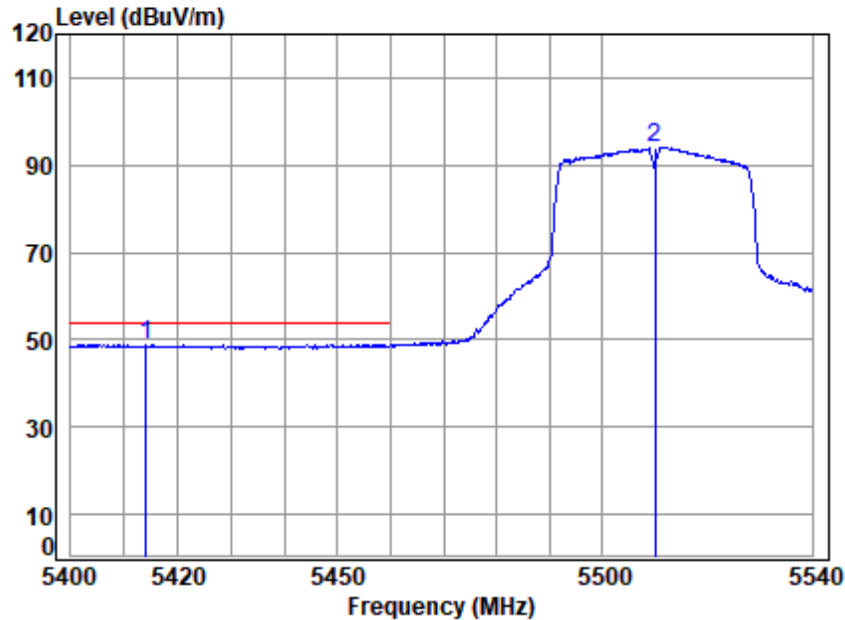


Site : chamber
Condition: 3m VERTICAL
Job No : 00786AT\00787AT
Mode : 5510 Band edge
: 5G WIFI 11N40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5432.439	7.64	34.56	35.01	54.32	61.51	74.00	-12.49 Peak
2	5462.417	7.67	34.60	35.01	54.22	61.48	68.20	-6.72 peak
3 q	5510.000	7.72	34.60	35.01	96.26	103.57	68.20	35.37 Peak



Test Mode: 03; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low

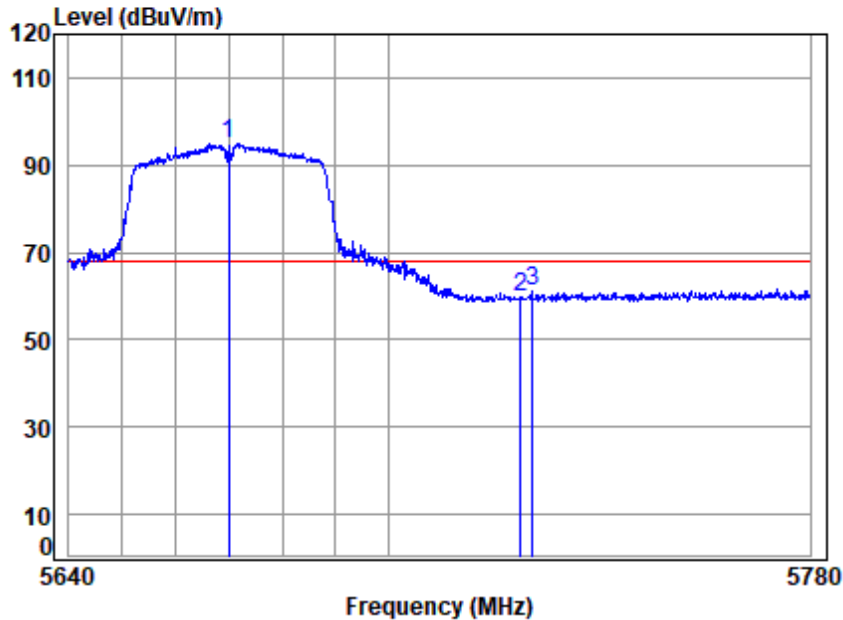


Site : chamber
Condition: 3m VERTICAL
Job No : 00786AT\00787AT
Mode : 5510 Band edge
: 5G WIFI 11N40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 q	5413.978	7.62	34.53	35.01	41.81	48.95	54.00	-5.05 Average
2	5510.000	7.72	34.60	35.01	86.88	94.19	-----	----- Average



Test Mode: 03; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00786AT\00787AT
Mode : 5670 Band edge
: 5G WIFI 11N40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 q	5670.000	7.87	34.50	35.02	87.46	94.81	68.20	26.61 peak
2	5725.000	7.92	34.50	35.02	52.56	59.96	68.20	-8.24 peak
3	5727.097	7.92	34.50	35.02	53.65	61.05	68.20	-7.15 peak



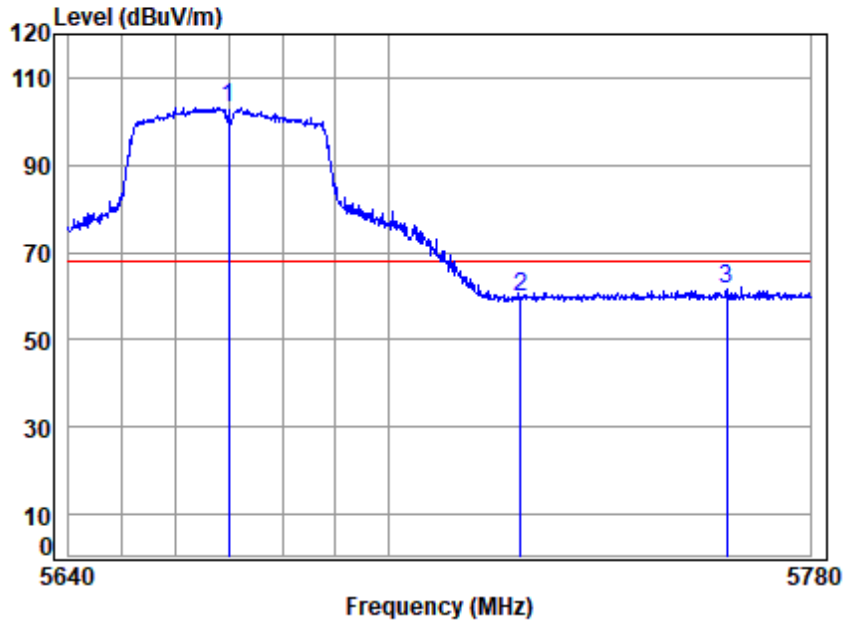
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Test Mode: 03; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00786AT\00787AT
Mode : 5670 Band edge
: 5G WIFI 11N40

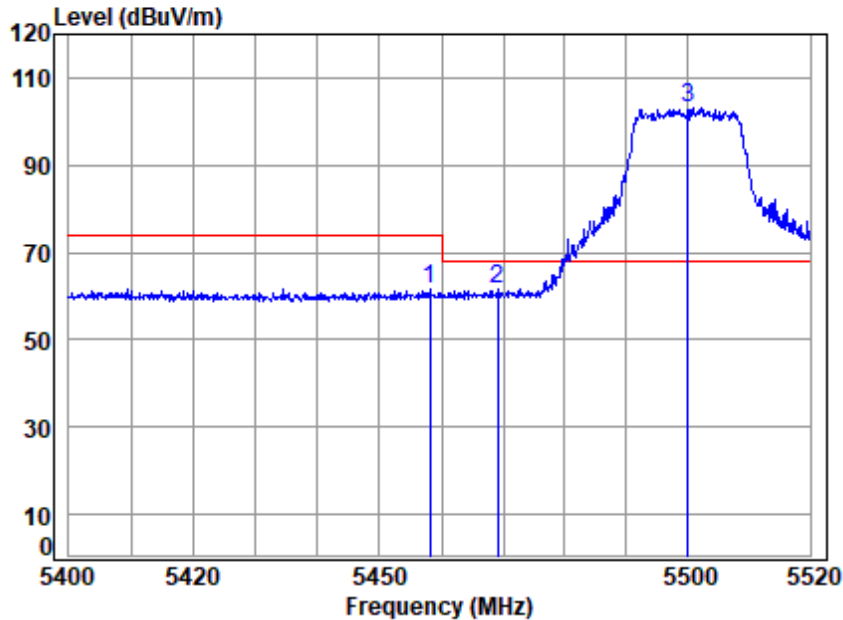
		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 q	5670.000	7.87	34.50	35.02	95.95	103.30	68.20	35.10 Peak
2	5725.000	7.92	34.50	35.02	52.47	59.87	68.20	-8.33 Peak
3	5764.007	7.95	34.53	35.03	54.08	61.53	68.20	-6.67 Peak



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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00786AT\00787AT
Mode : 5500 Band edge
: 5G WIFI 11AC20

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5458.110	7.67	34.60	35.01	54.36	61.62	74.00	-12.38 peak
2	5469.038	7.68	34.60	35.01	54.28	61.55	68.20	-6.65 peak
3 q	5500.000	7.71	34.60	35.01	95.71	103.01	68.20	34.81 peak



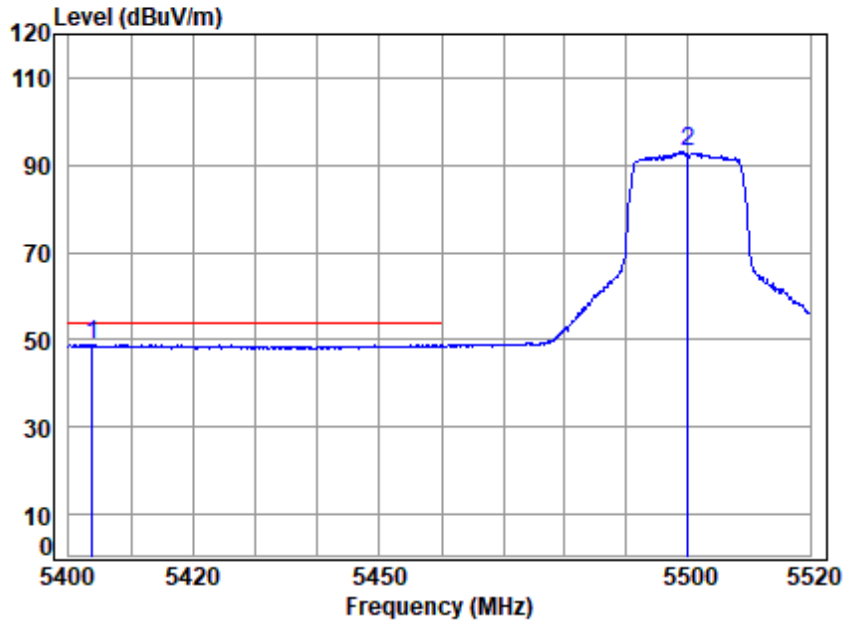
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00786AT\00787AT
Mode : 5500 Band edge
: 5G WIFI 11AC20

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 q	5403.799	7.61	34.51	35.01	41.84	48.95	54.00	-5.05 Average
2	5500.000	7.71	34.60	35.01	85.69	92.99	-----	----- Average

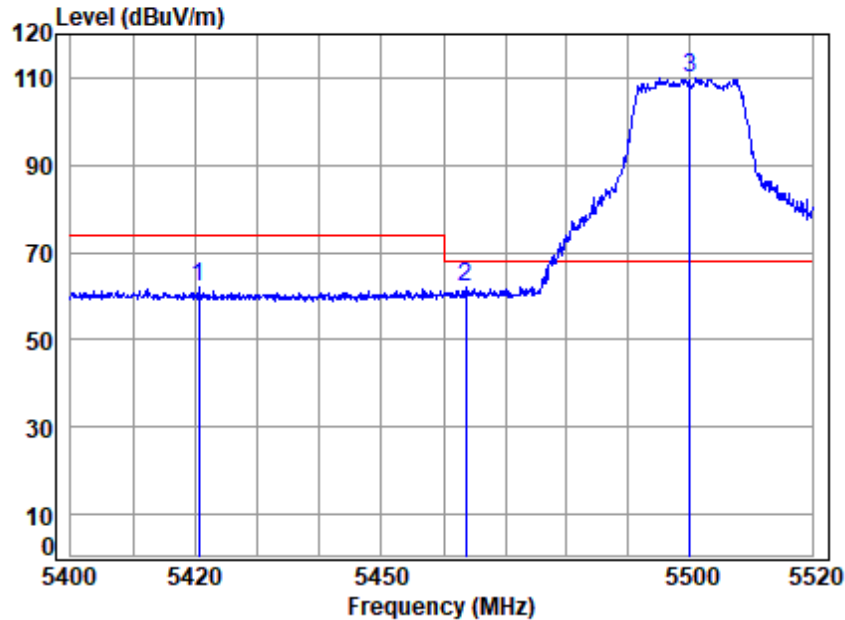


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Test Mode: 03; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low

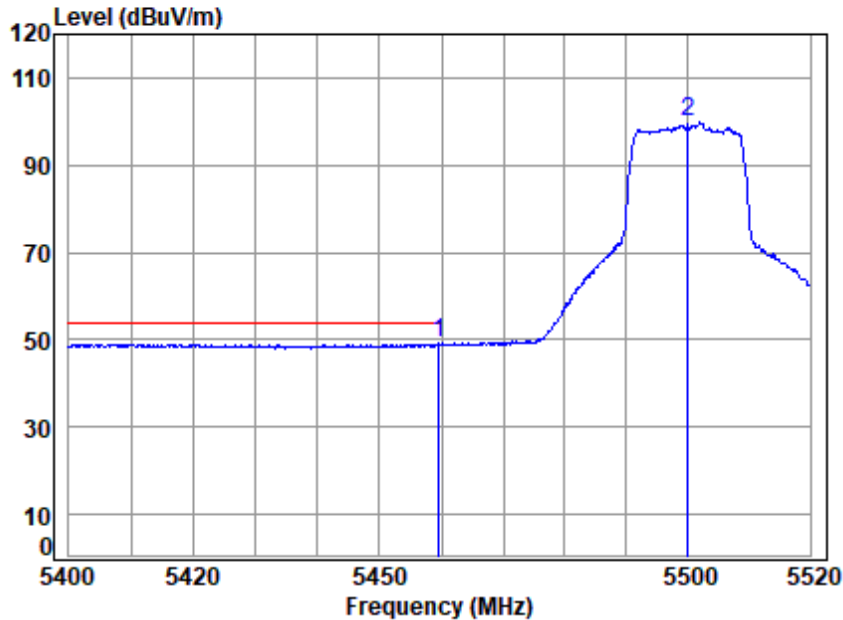


Site : chamber
Condition: 3m VERTICAL
Job No : 00786AT\00787AT
Mode : 5500 Band edge
: 5G WIFI 11AC20

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5420.572	7.63	34.54	35.01	54.67	61.83	74.00	-12.17 Peak
2	5463.632	7.67	34.60	35.01	55.00	62.26	68.20	-5.94 peak
3 q	5500.000	7.71	34.60	35.01	102.48	109.78	68.20	41.58 Peak



Test Mode: 03; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00786AT\00787AT
Mode : 5500 Band edge
: 5G WIFI 11AC20

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 q	5459.670	7.67	34.60	35.01	41.83	49.09	54.00	-4.91 Average
2	5500.000	7.71	34.60	35.01	92.43	99.73	-----	----- Average



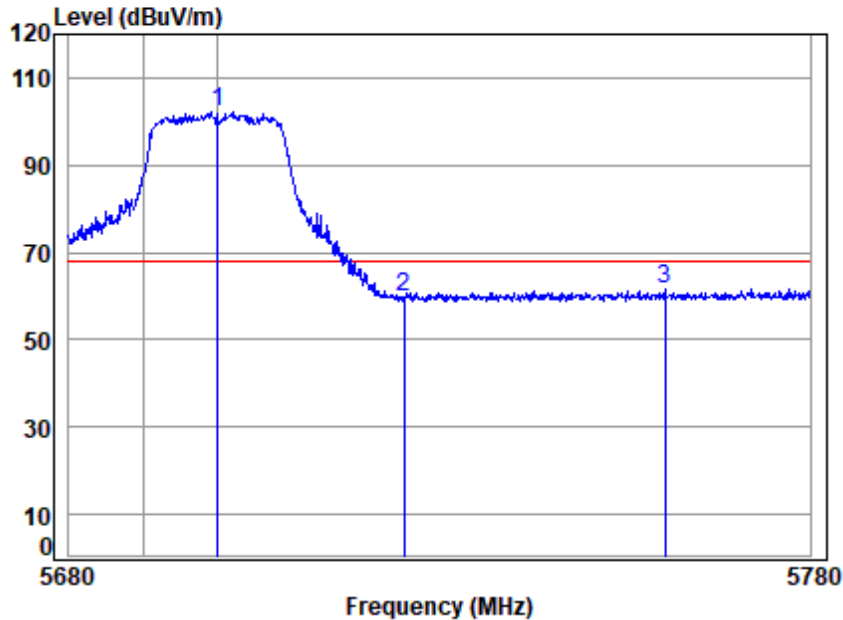
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00786AT\00787AT
Mode : 5700 Band edge
: 5G WIFI 11AC20

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 q 5700.000		7.89	34.50	35.02	95.02	102.39	68.20	34.19 peak
2 5725.000		7.92	34.50	35.02	52.51	59.91	68.20	-8.29 peak
3 5760.262		7.95	34.52	35.03	54.26	61.70	68.20	-6.50 peak

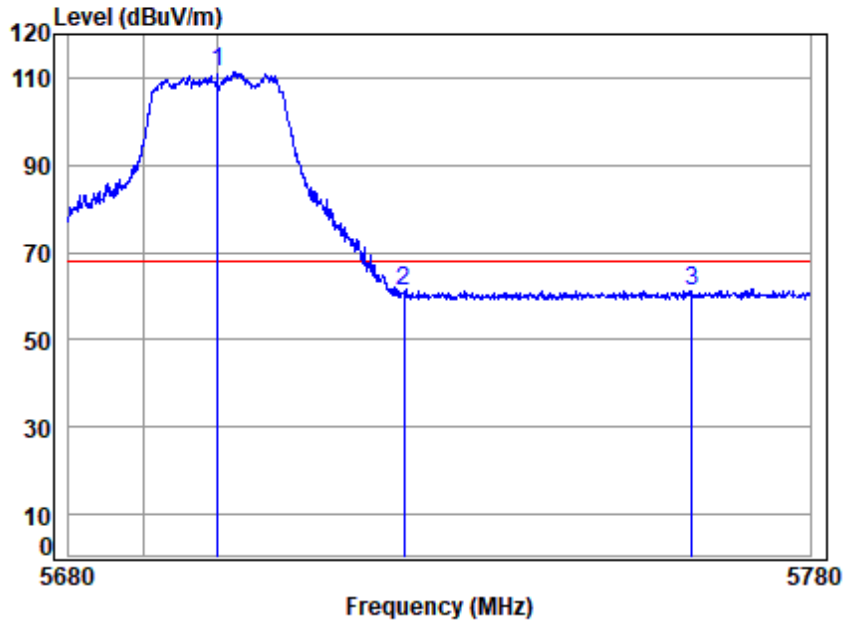


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Test Mode: 03; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00786AT\00787AT
Mode : 5700 Band edge
: 5G WIFI 11AC20

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 q 5700.000		7.89	34.50	35.02	104.02	111.39	68.20	43.19 Peak
2 5725.000		7.92	34.50	35.02	53.52	60.92	68.20	-7.28 Peak
3 5763.882		7.95	34.53	35.03	53.91	61.36	68.20	-6.84 Peak



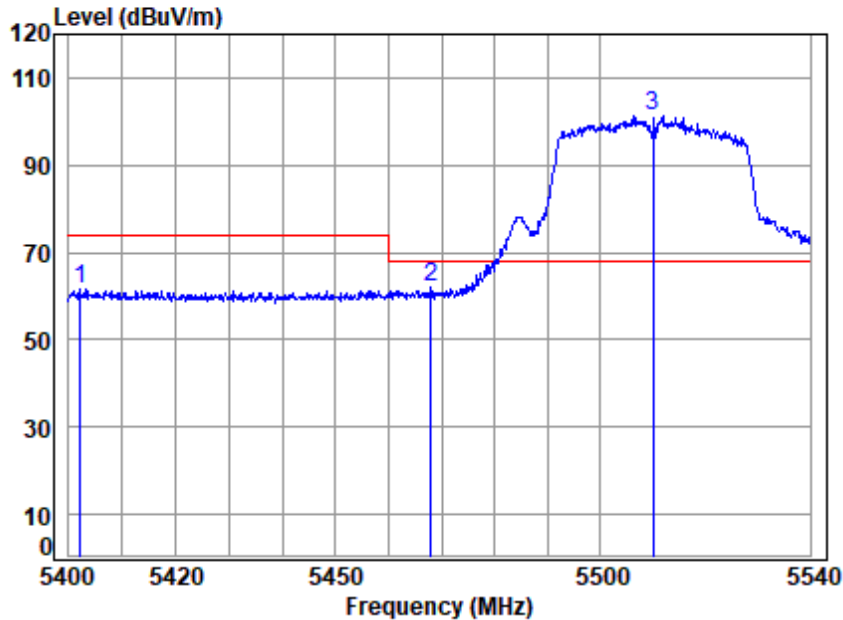
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00786AT\00787AT
Mode : 5510 Band edge
: 5G WIFI 11AC40

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5402.074	7.61	34.50	35.01	54.58	61.68	74.00	-12.32	peak
2	5468.012	7.68	34.60	35.01	54.70	61.97	68.20	-6.23	peak
3 q	5510.000	7.72	34.60	35.01	93.96	101.27	68.20	33.07	peak



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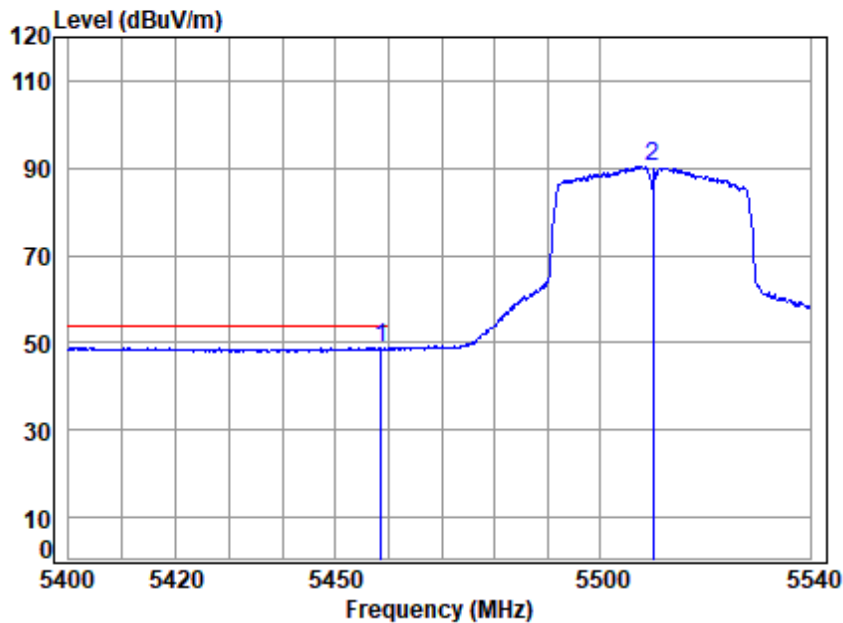
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SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230300078603

Page: 380 of 800

Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00786AT\00787AT
Mode : 5510 Band edge
: 5G WIFI 11AC40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 q	5458.503	7.67	34.60	35.01	41.64	48.90	54.00	-5.10 Average
2	5510.000	7.72	34.60	35.01	83.05	90.36	-----	----- Average



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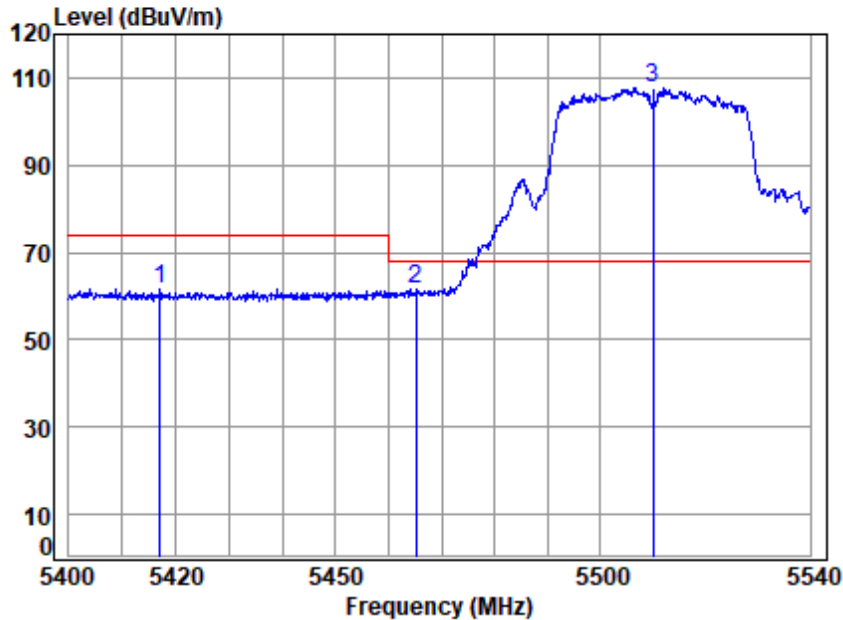
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SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230300078603

Page: 381 of 800

Test Mode: 03; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00786AT\00787AT
Mode : 5510 Band edge
: 5G WIFI 11AC40

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5417.027	7.63	34.53	35.01	54.41	61.56	74.00	-12.44	Peak
2	5465.074	7.67	34.60	35.01	54.50	61.76	68.20	-6.44	peak
3 q	5510.000	7.72	34.60	35.01	100.46	107.77	68.20	39.57	Peak



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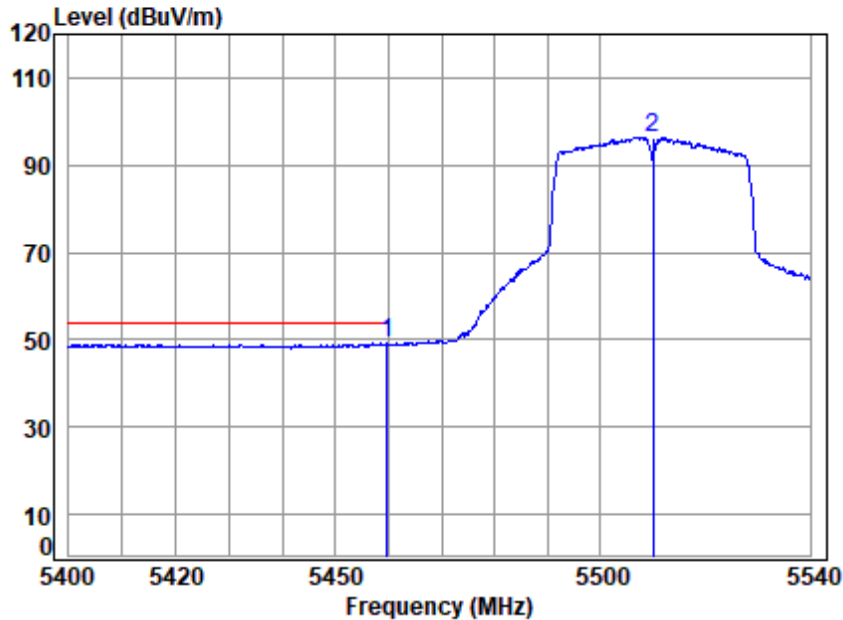
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SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230300078603

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Test Mode: 03; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00786AT\00787AT
Mode : 5510 Band edge
: 5G WIFI 11AC40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 q	5459.622	7.67	34.60	35.01	42.09	49.35	54.00	-4.65 Average
2	5510.000	7.72	34.60	35.01	89.16	96.47	-----	----- Average

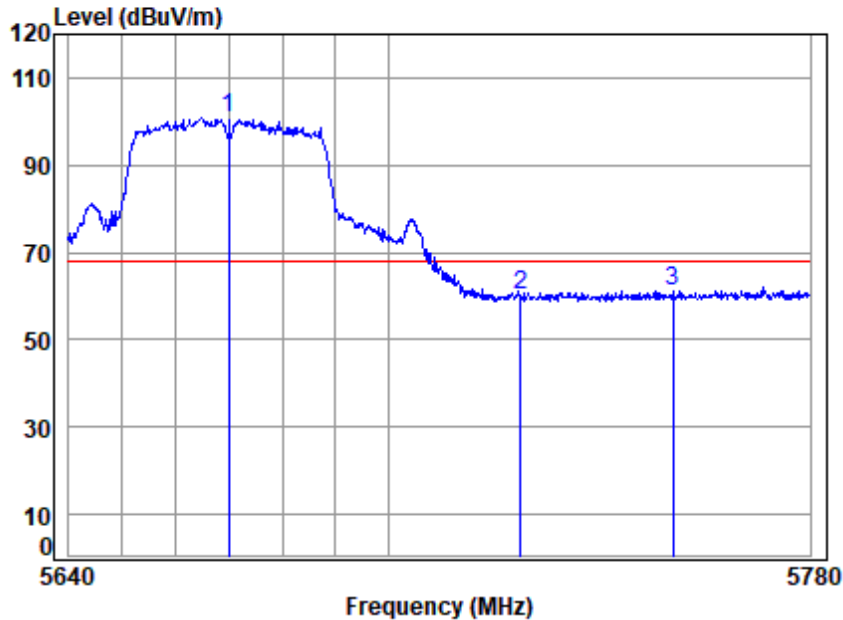


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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High

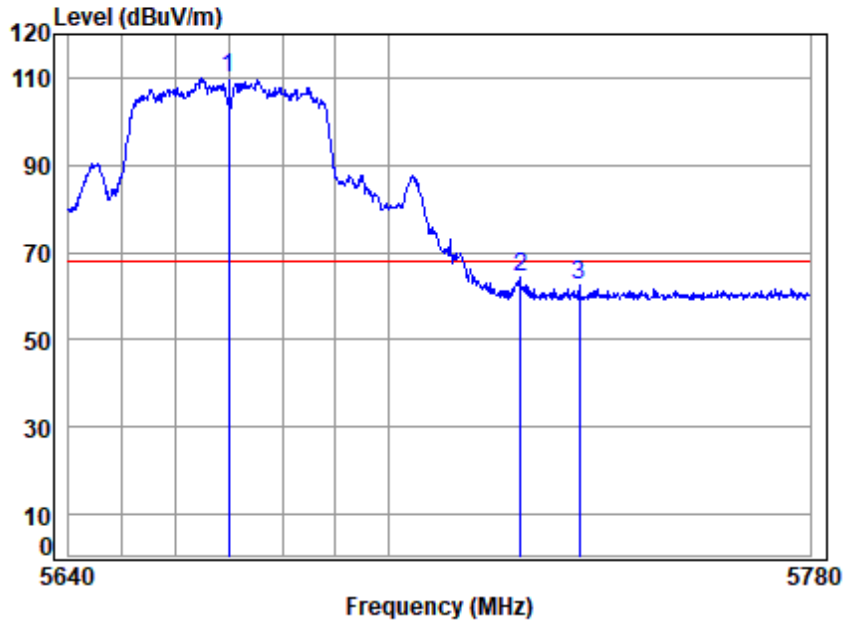


Site : chamber
Condition: 3m HORIZONTAL
Job No : 00786AT\00787AT
Mode : 5670 Band edge
: 5G WIFI 11AC40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 q	5670.000	7.87	34.50	35.02	93.61	100.96	68.20	32.76 peak
2	5725.000	7.92	34.50	35.02	52.91	60.31	68.20	-7.89 peak
3	5753.840	7.94	34.51	35.03	53.65	61.07	68.20	-7.13 peak



Test Mode: 03; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00786AT\00787AT
Mode : 5670 Band edge
: 5G WIFI 11AC40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 q 5670.000		7.87	34.50	35.02	102.82	110.17	68.20	41.97 Peak
2 5725.000		7.92	34.50	35.02	57.05	64.45	68.20	-3.75 Peak
3 5736.092		7.93	34.50	35.03	54.94	62.34	68.20	-5.86 Peak



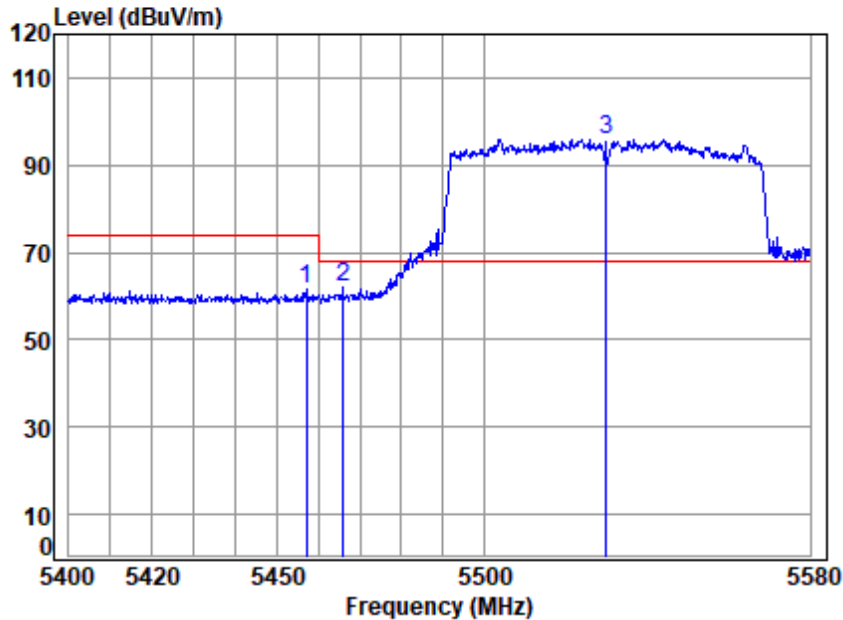
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SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230300078603

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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00786AT\00787AT
Mode : 5530 Band edge
: 5G WIFI 11AC80

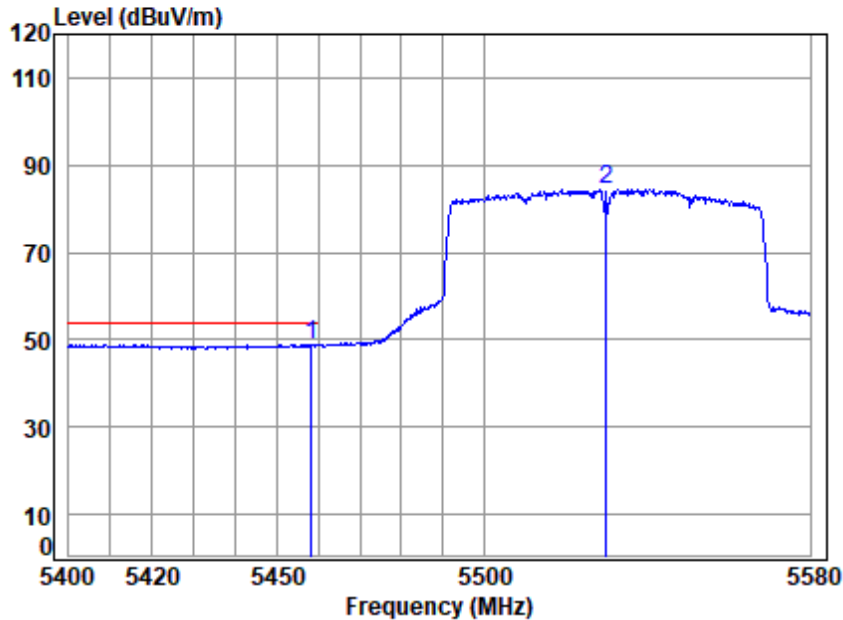
		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5457.138	7.67	34.60	35.01	54.23	61.49	74.00	-12.51 peak
2	5465.913	7.67	34.60	35.01	54.69	61.95	68.20	-6.25 peak
3 q	5530.000	7.73	34.60	35.01	88.52	95.84	68.20	27.64 peak



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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low

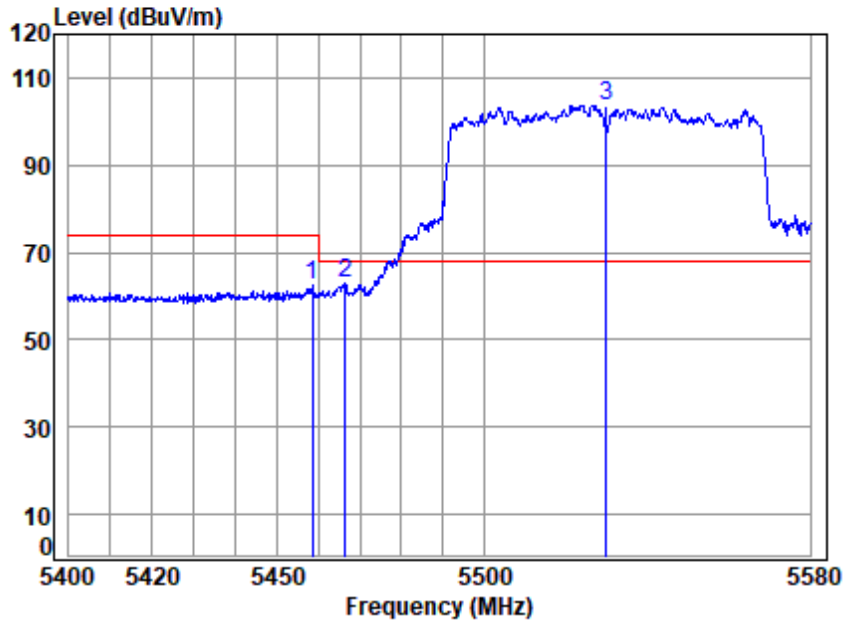


Site : chamber
Condition: 3m HORIZONTAL
Job No : 00786AT\00787AT
Mode : 5530 Band edge
: 5G WIFI 11AC80

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 q	5458.391	7.67	34.60	35.01	41.74	49.00	54.00	-5.00 Average
2	5530.000	7.73	34.60	35.01	77.09	84.41	-----	----- Average



Test Mode: 03; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00786AT\00787AT
Mode : 5530 Band edge
: 5G WIFI 11AC80

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5458.570	7.67	34.60	35.01	55.02	62.28	74.00	-11.72 Peak
2	5466.451	7.67	34.60	35.01	55.84	63.10	68.20	-5.10 peak
3 q	5530.000	7.73	34.60	35.01	96.37	103.69	68.20	35.49 Peak



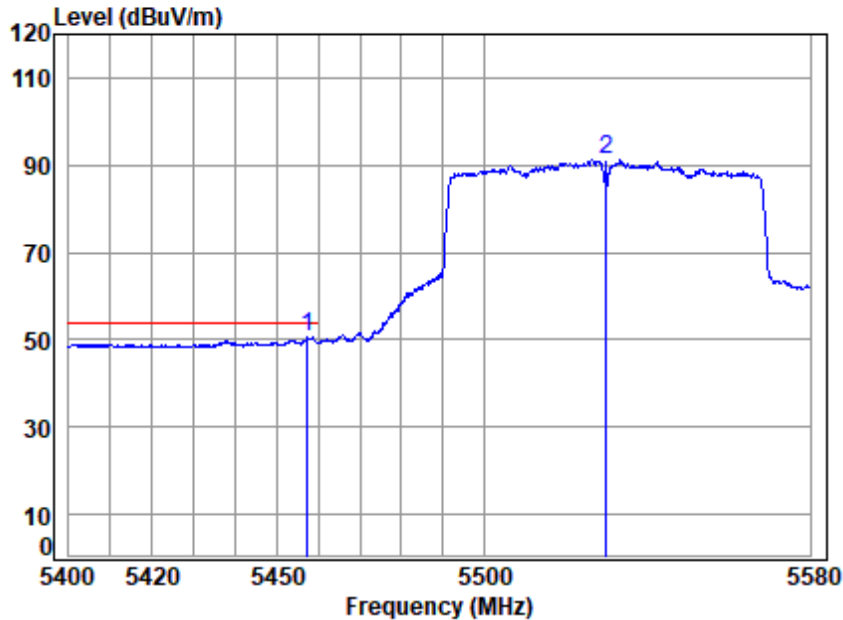
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SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230300078603

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Test Mode: 03; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00786AT\00787AT
Mode : 5530 Band edge
: 5G WIFI 11AC80

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 q	5457.317	7.67	34.60	35.01	43.27	50.53	54.00	-3.47 Average
2	5530.000	7.73	34.60	35.01	83.99	91.31	-----	----- Average



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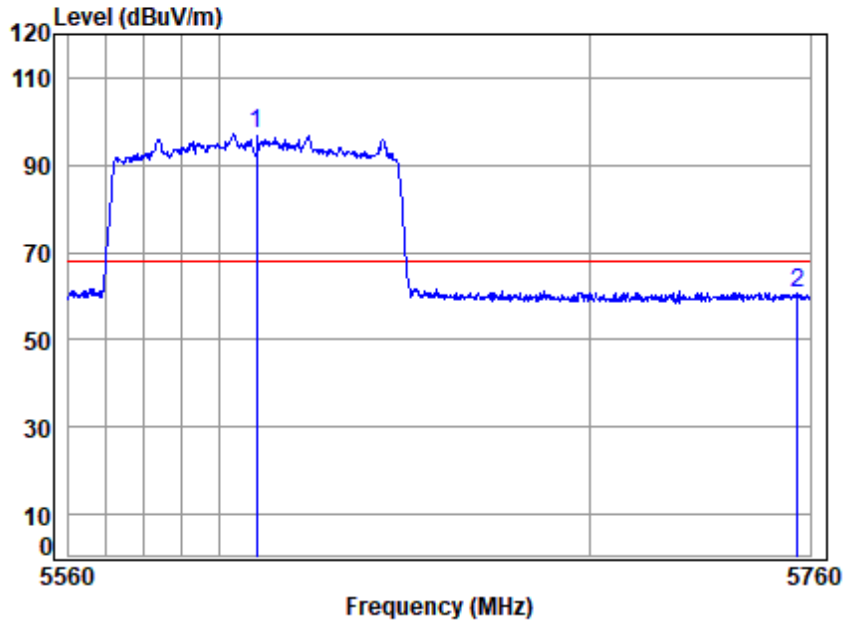
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SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230300078603

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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00786AT\00787AT
Mode : 5610 Band edge
: 5G WIFI 11AC80

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 q	5610.000	7.81	34.50	35.02	89.79	97.08	68.20	28.88 peak
2	5756.541	7.94	34.51	35.03	53.48	60.90	68.20	-7.30 peak



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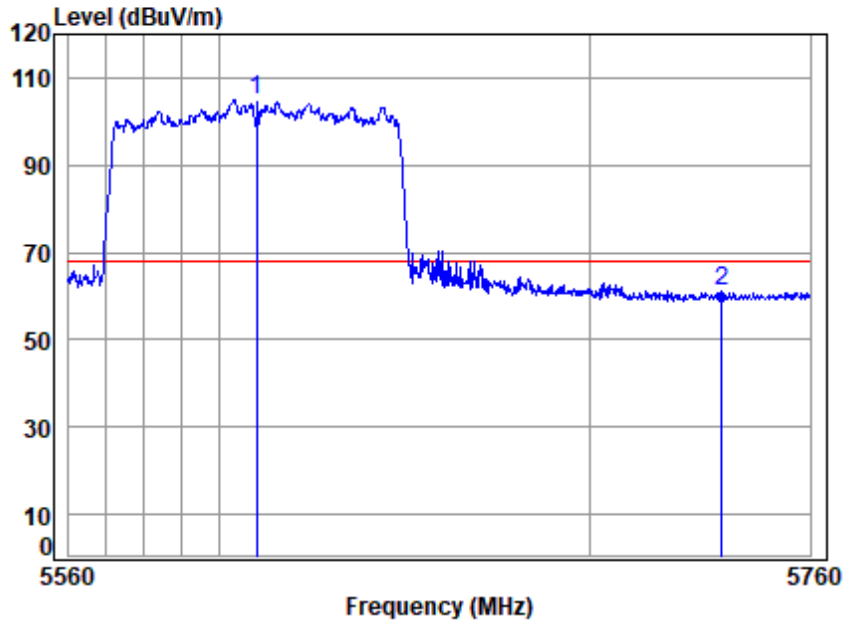
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Test Mode: 03; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00786AT\00787AT
Mode : 5610 Band edge
: 5G WIFI 11AC80

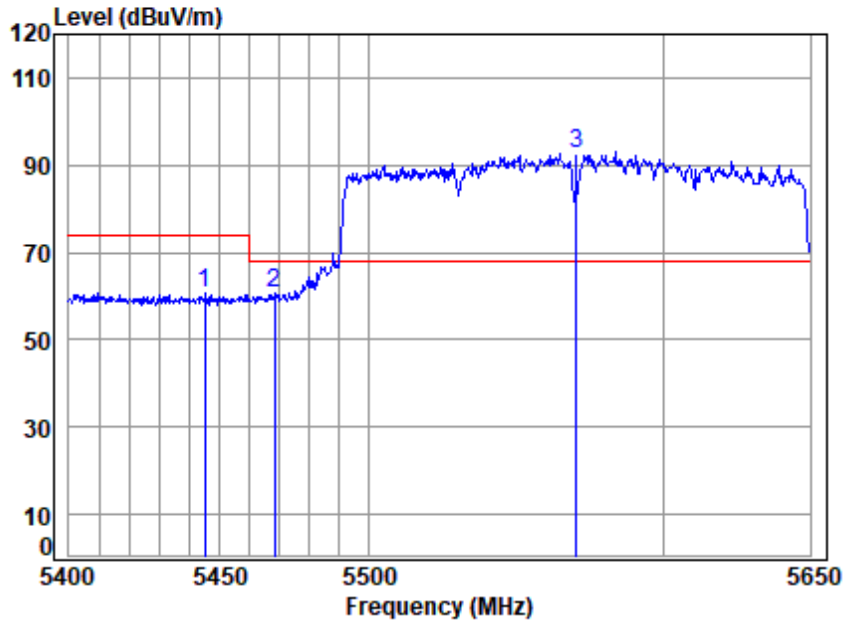
		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 q	5610.000	7.81	34.50	35.02	97.60	104.89	68.20	36.69 Peak
2	5735.828	7.93	34.50	35.03	53.73	61.13	68.20	-7.07 Peak



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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:160MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00786AT\00787AT
Mode : 5570 Band edge
: 5G WIFI 11AC160

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5445.155	7.65	34.59	35.01	53.68	60.91	74.00	-13.09 peak
2	5468.121	7.68	34.60	35.01	53.35	60.62	68.20	-7.58 peak
3 q	5570.000	7.77	34.56	35.02	85.44	92.75	68.20	24.55 peak



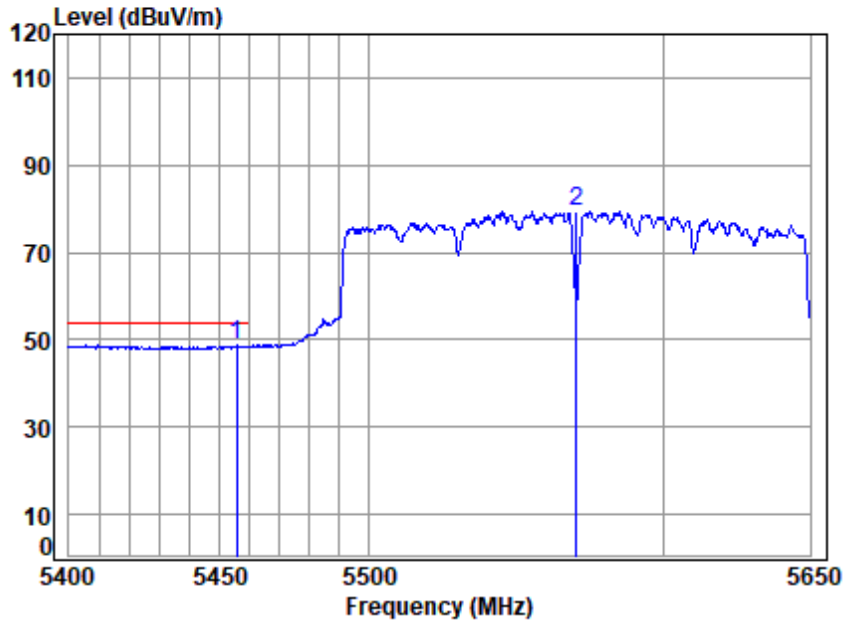
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SZEMC-TRF-01 Rev. A/0 Aug01,2022

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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:160MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00786AT\00787AT
Mode : 5570 Band edge
: 5G WIFI 11AC160

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 q	5455.761	7.66	34.60	35.01	41.41	48.66	54.00	-5.34 Average
2	5570.000	7.77	34.56	35.02	72.24	79.55	-----	----- Average



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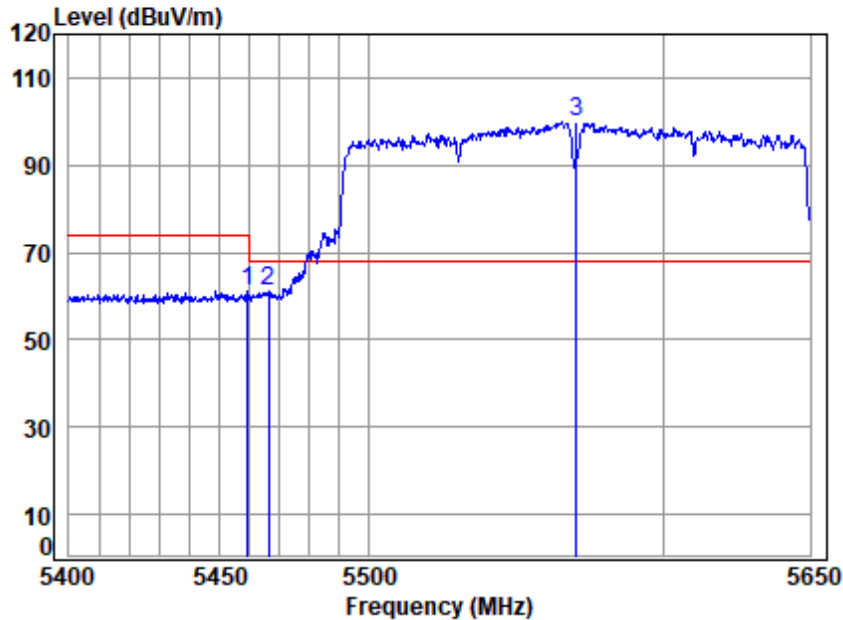
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Test Mode: 03; Polarity: Vertical; Modulation:802.11ac; Bandwidth:160MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00786AT\00787AT
Mode : 5570 Band edge
: 5G WIFI 11AC160

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5459.219	7.67	34.60	35.01	53.70	60.96	74.00	-13.04 Peak
2	5466.389	7.67	34.60	35.01	53.74	61.00	68.20	-7.20 peak
3 q	5570.000	7.77	34.56	35.02	92.51	99.82	68.20	31.62 Peak

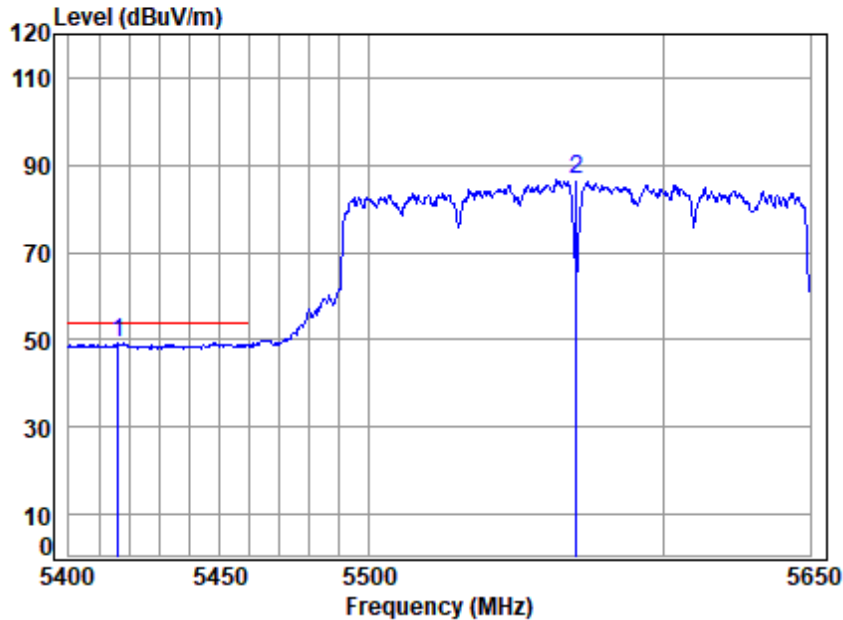


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Test Mode: 03; Polarity: Vertical; Modulation:802.11ac; Bandwidth:160MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00786AT\00787AT
Mode : 5570 Band edge
: 5G WIFI 11AC160

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 q	5416.153	7.63	34.53	35.01	42.17	49.32	54.00	-4.68 Average
2	5570.000	7.77	34.56	35.02	79.29	86.60	-----	----- Average



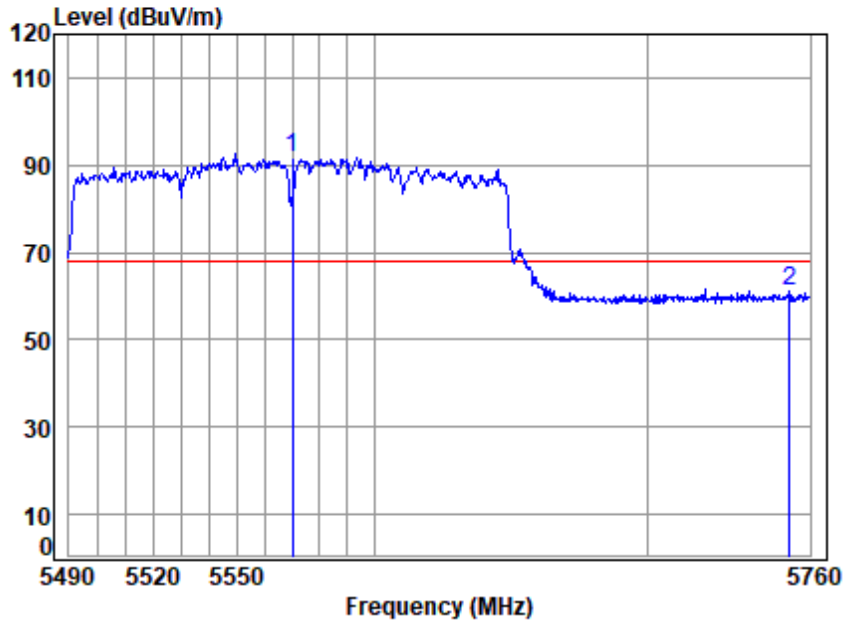
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:160MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00786AT\00787AT
Mode : 5570 Band edge
: 5G WIFI 11AC160

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q	5570.000	7.77	34.56	35.02	84.35	91.66	68.20	23.46	peak
2	5752.262	7.94	34.50	35.03	53.75	61.16	68.20	-7.04	peak



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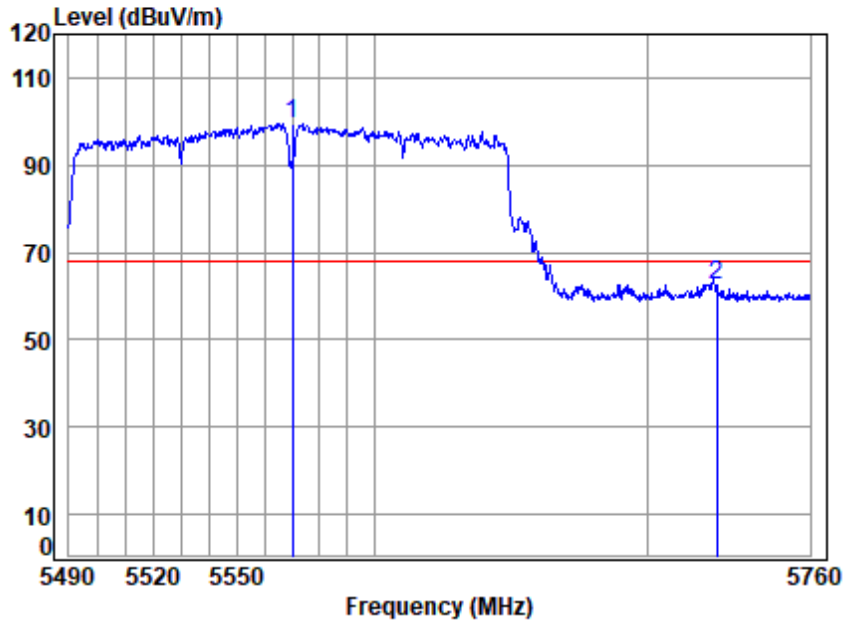
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Test Mode: 03; Polarity: Vertical; Modulation:802.11ac; Bandwidth:160MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00786AT\00787AT
Mode : 5570 Band edge
: 5G WIFI 11AC160

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 q	5570.000	7.77	34.56	35.02	92.10	99.41	68.20	31.21 Peak
2	5725.262	7.92	34.50	35.02	55.04	62.44	68.20	-5.76 Peak



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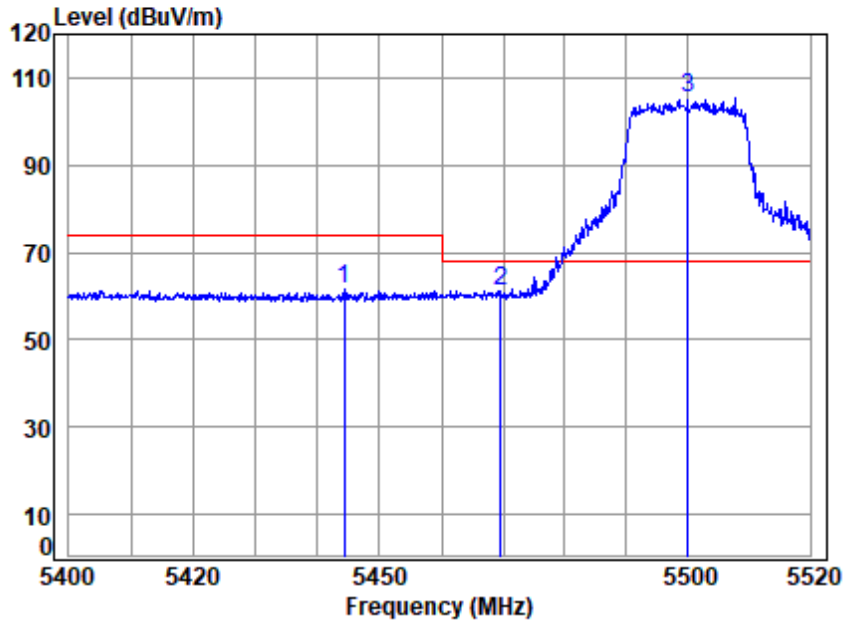
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00786AT\00787AT
Mode : 5500 Band edge
: 5G WIFI 11AX20

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5444.332	7.65	34.59	35.01	54.36	61.59	74.00	-12.41 peak
2	5469.639	7.68	34.60	35.01	54.03	61.30	68.20	-6.90 peak
3 q	5500.000	7.71	34.60	35.01	97.89	105.19	68.20	36.99 peak



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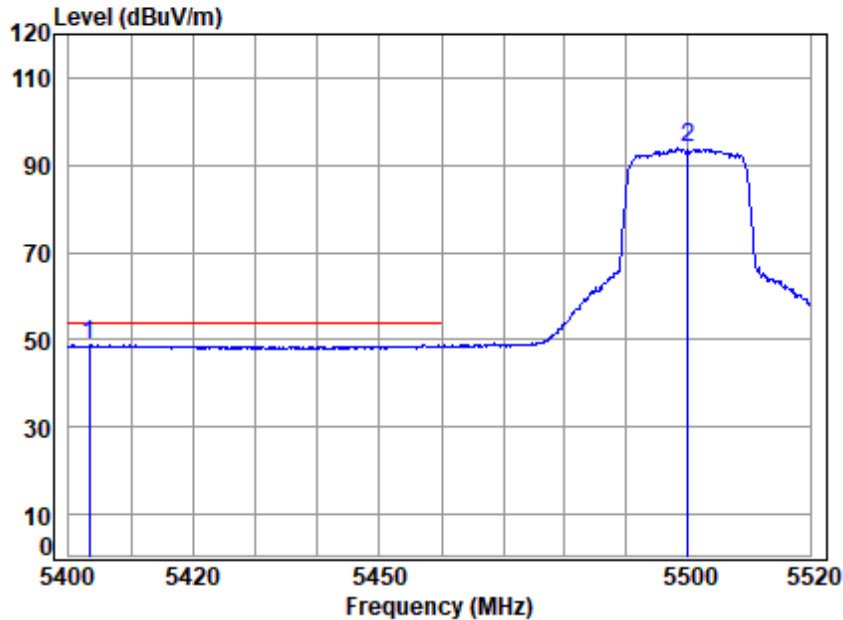
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00786AT\00787AT
Mode : 5500 Band edge
: 5G WIFI 11AX20

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 q	5403.324	7.61	34.51	35.01	41.77	48.88	54.00	-5.12 Average
2	5500.000	7.71	34.60	35.01	86.60	93.90	-----	----- Average



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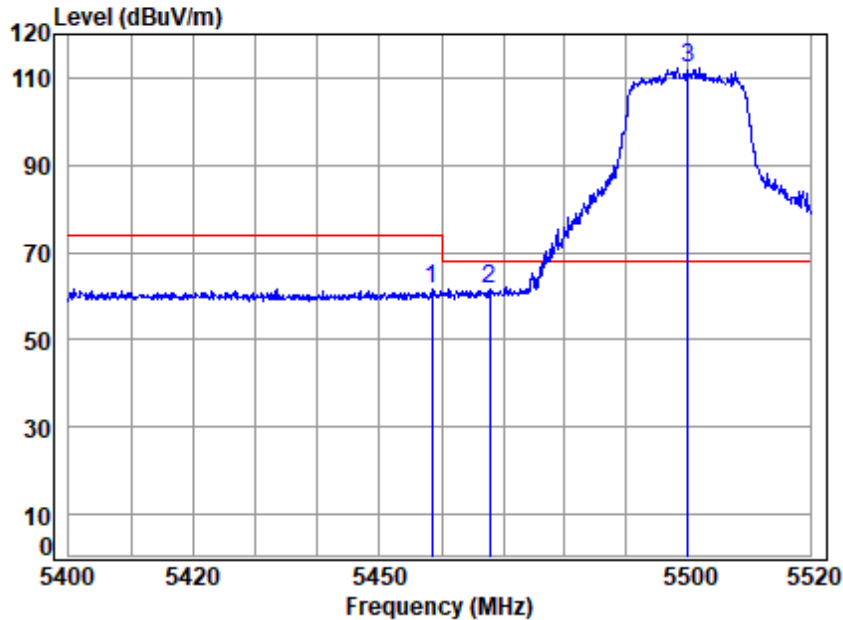
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Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00786AT\00787AT
Mode : 5500 Band edge
: 5G WIFI 11AX20

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5458.471	7.67	34.60	35.01	54.30	61.56	74.00	-12.44 Peak
2	5467.836	7.68	34.60	35.01	54.38	61.65	68.20	-6.55 peak
3 q	5500.000	7.71	34.60	35.01	105.02	112.32	68.20	44.12 Peak



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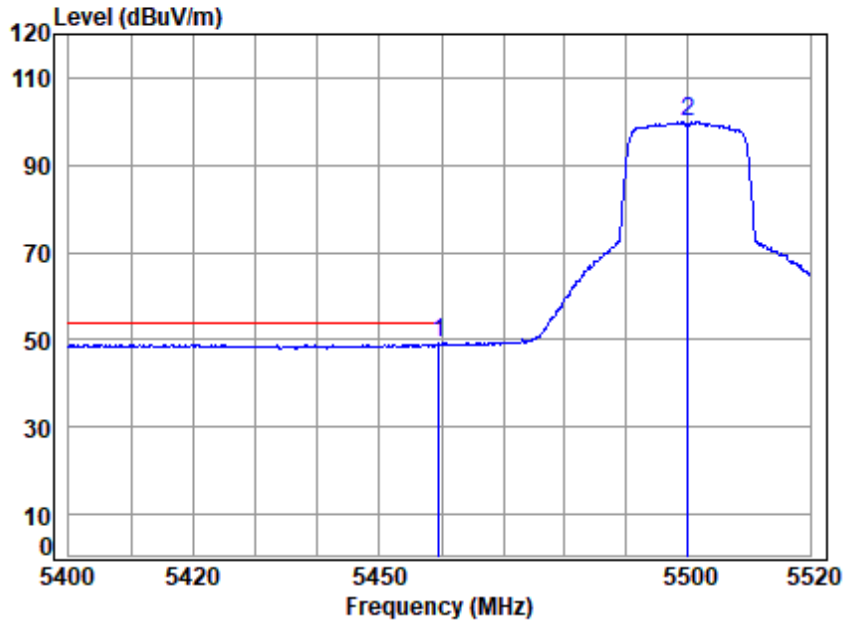
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Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00786AT\00787AT
Mode : 5500 Band edge
: 5G WIFI 11AX20

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 q	5459.670	7.67	34.60	35.01	42.00	49.26	54.00	-4.74 Average
2	5500.000	7.71	34.60	35.01	92.71	100.01	-----	----- Average



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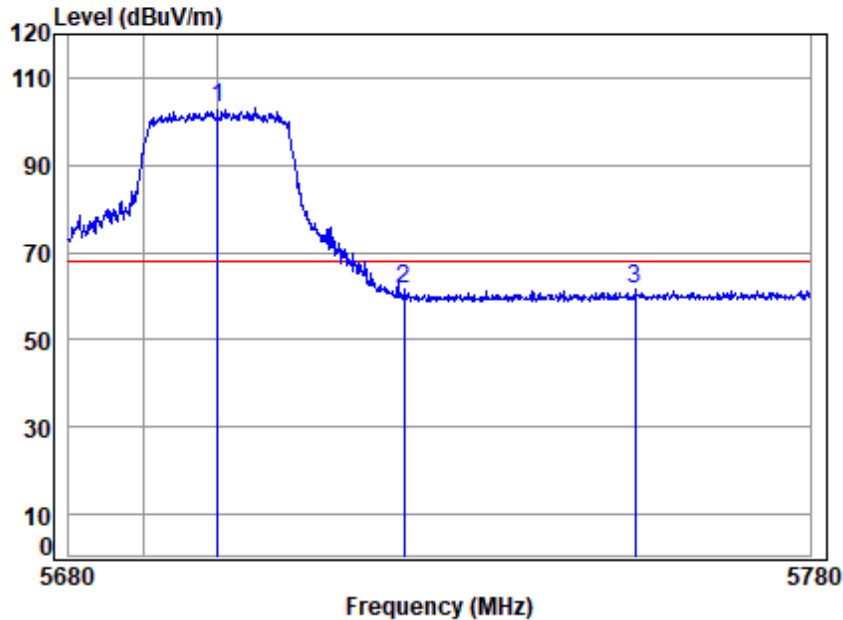
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00786AT\00787AT
Mode : 5700 Band edge
: 5G WIFI 11AX20

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 q	5700.000	7.89	34.50	35.02	95.79	103.16	68.20	34.96 peak
2	5725.000	7.92	34.50	35.02	54.31	61.71	68.20	-6.49 peak
3	5756.242	7.94	34.51	35.03	53.98	61.40	68.20	-6.80 peak



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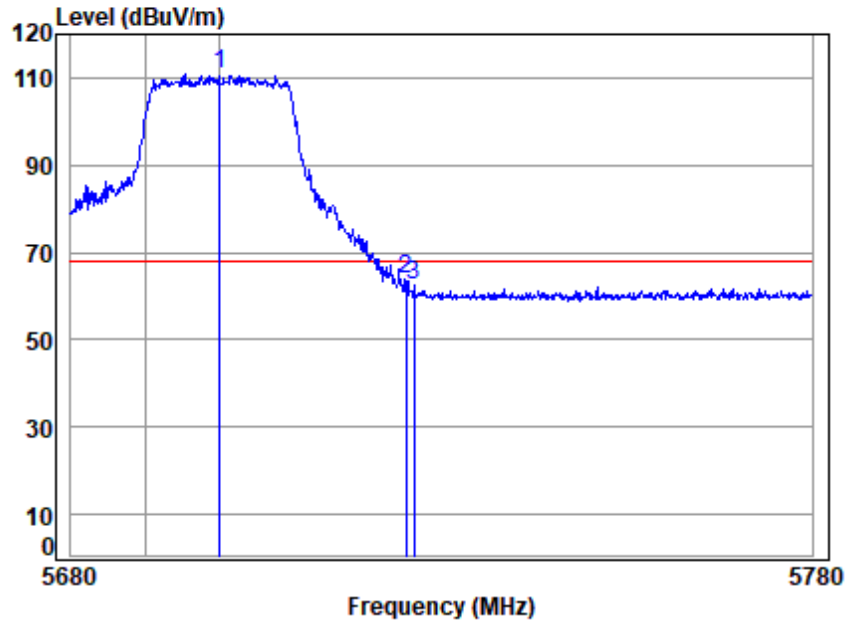
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Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00786AT\00787AT
Mode : 5700 Band edge
: 5G WIFI 11AX20

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q 5700.000		7.89	34.50	35.02	103.58	110.95	68.20	42.75	Peak
2 5725.000		7.92	34.50	35.02	56.52	63.92	68.20	-4.28	Peak
3 5726.083		7.92	34.50	35.02	55.05	62.45	68.20	-5.75	Peak



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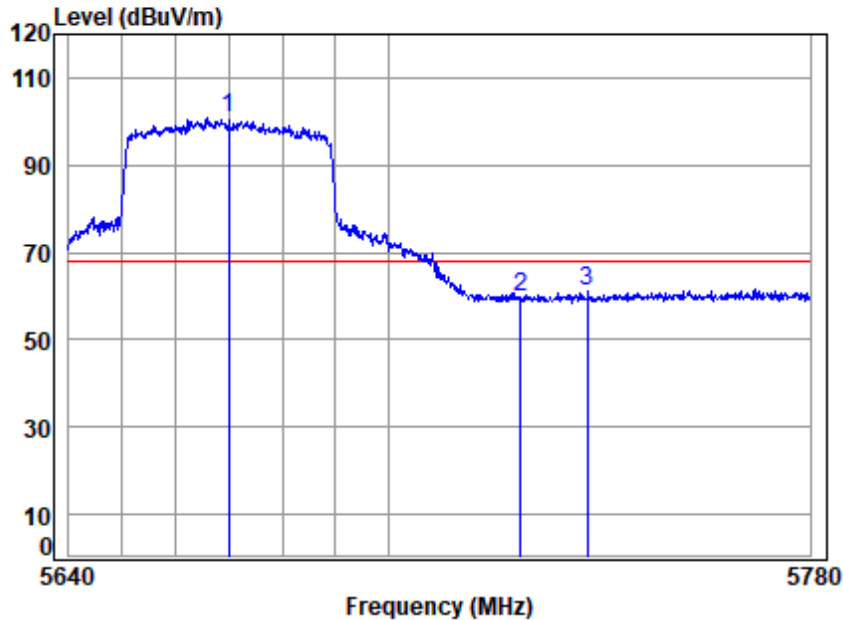
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SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230300078603

Page: 403 of 800

Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00786AT\00787AT
Mode : 5670 Band edge
: 5G WIFI 11AX40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 q 5670.000		7.87	34.50	35.02	93.58	100.93	68.20	32.73 peak
2 5725.000		7.92	34.50	35.02	52.35	59.75	68.20	-8.45 peak
3 5737.639		7.93	34.50	35.03	53.96	61.36	68.20	-6.84 peak



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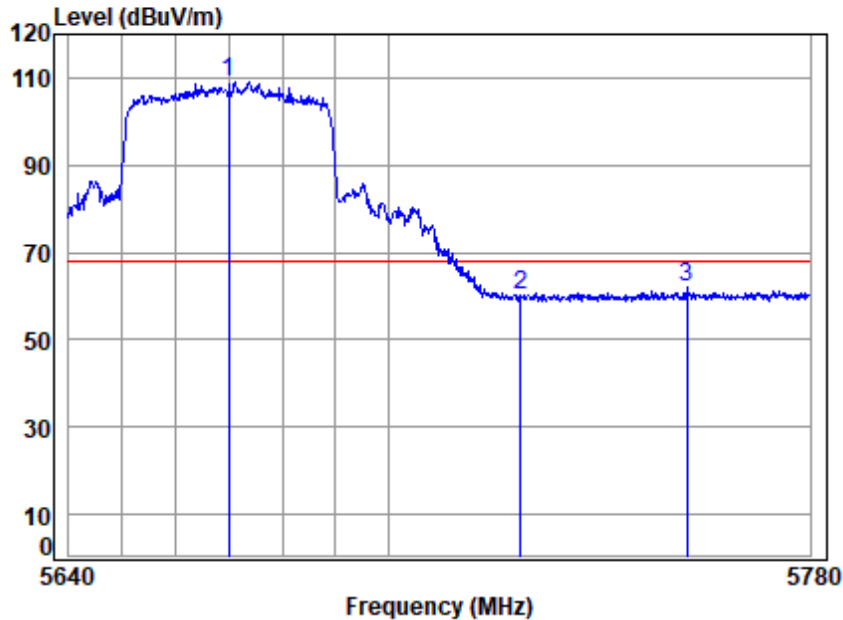
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SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230300078603

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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00786AT\00787AT
Mode : 5670 Band edge
: 5G WIFI 11AX40

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q 5670.000		7.87	34.50	35.02	101.67	109.02	68.20	40.82	Peak
2 5725.000		7.92	34.50	35.02	52.73	60.13	68.20	-8.07	Peak
3 5756.522		7.94	34.51	35.03	54.71	62.13	68.20	-6.07	Peak



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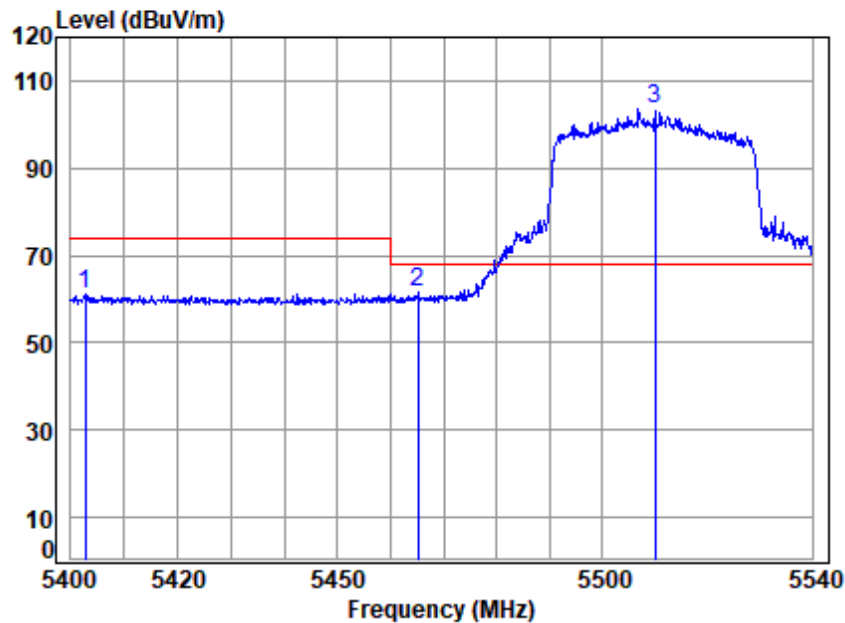
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Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00786AT\00787AT
Mode : 5510 Band edge
: 5G WIFI 11AX40

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5402.627	7.61	34.51	35.01	54.06	61.17	74.00	-12.83	peak
2	5465.074	7.67	34.60	35.01	54.16	61.42	68.20	-6.78	peak
3 q	5510.000	7.72	34.60	35.01	96.24	103.55	68.20	35.35	peak



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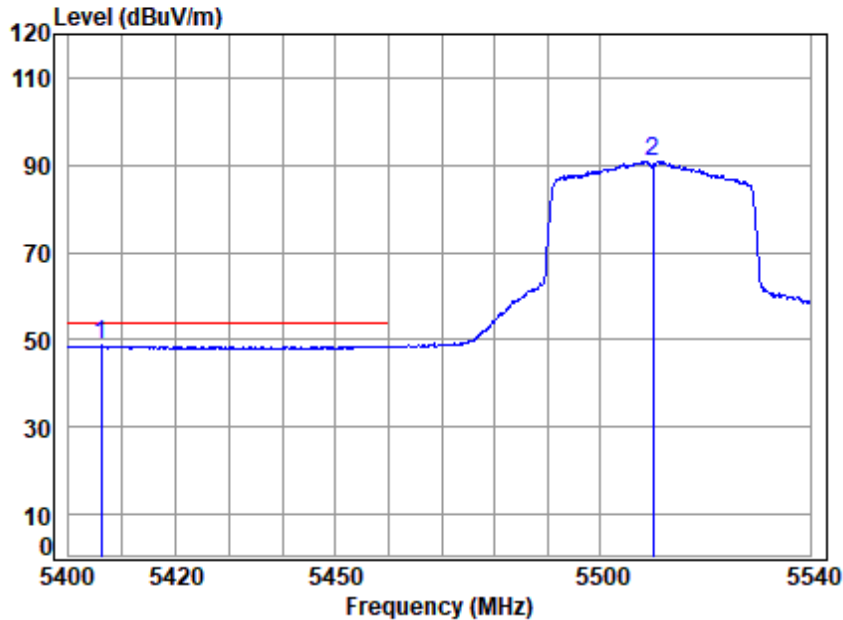
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SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230300078603

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Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00786AT\00787AT
Mode : 5510 Band edge
: 5G WIFI 11AX40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 q	5406.085	7.62	34.51	35.01	41.56	48.68	54.00	-5.32 Average
2	5510.000	7.72	34.60	35.01	83.61	90.92	-----	----- Average



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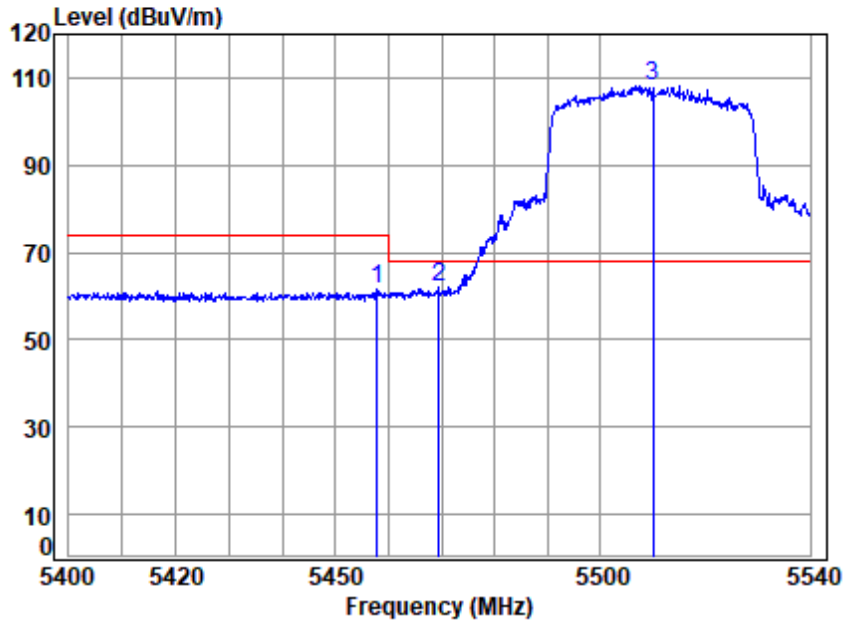
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00786AT\00787AT
Mode : 5510 Band edge
: 5G WIFI 11AX40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5457.805	7.67	34.60	35.01	54.48	61.74	74.00	-12.26 Peak
2	5469.552	7.68	34.60	35.01	54.79	62.06	68.20	-6.14 peak
3 q	5510.000	7.72	34.60	35.01	101.04	108.35	68.20	40.15 Peak



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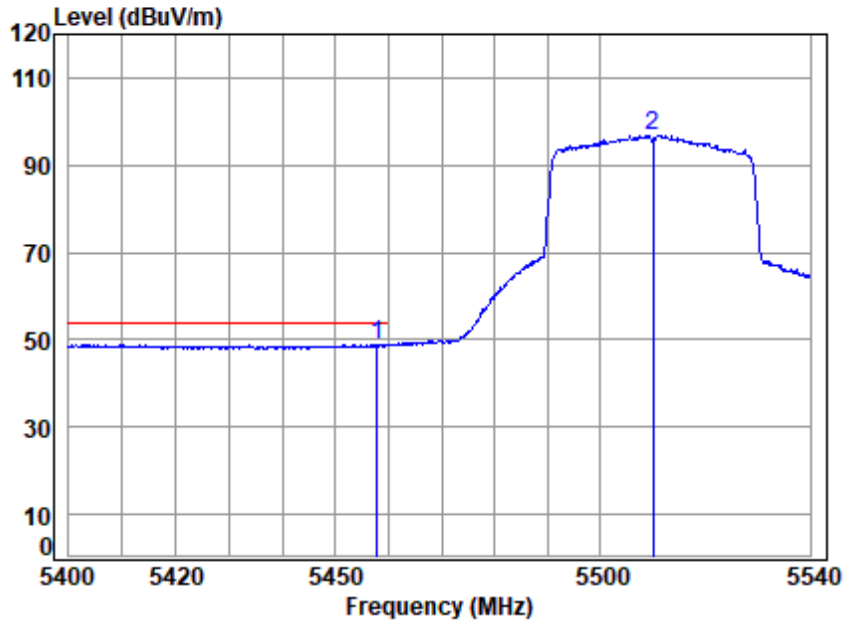
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Report No.: SZCR230300078603

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Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00786AT\00787AT
Mode : 5510 Band edge
: 5G WIFI 11AX40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 q	5457.805	7.67	34.60	35.01	41.71	48.97	54.00	-5.03 Average
2	5510.000	7.72	34.60	35.01	89.64	96.95	-----	----- Average



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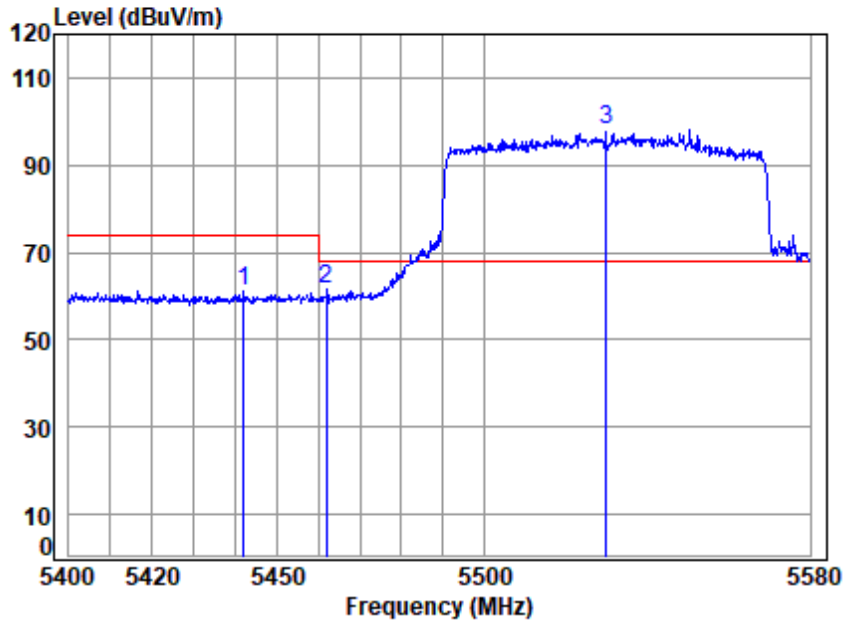
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00786AT\00787AT
Mode : 5530 Band edge
: 5G WIFI 11AX80

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5441.949	7.65	34.58	35.01	53.86	61.08	74.00	-12.92 peak
2	5461.972	7.67	34.60	35.01	54.48	61.74	68.20	-6.46 peak
3 q	5530.000	7.73	34.60	35.01	90.82	98.14	68.20	29.94 peak



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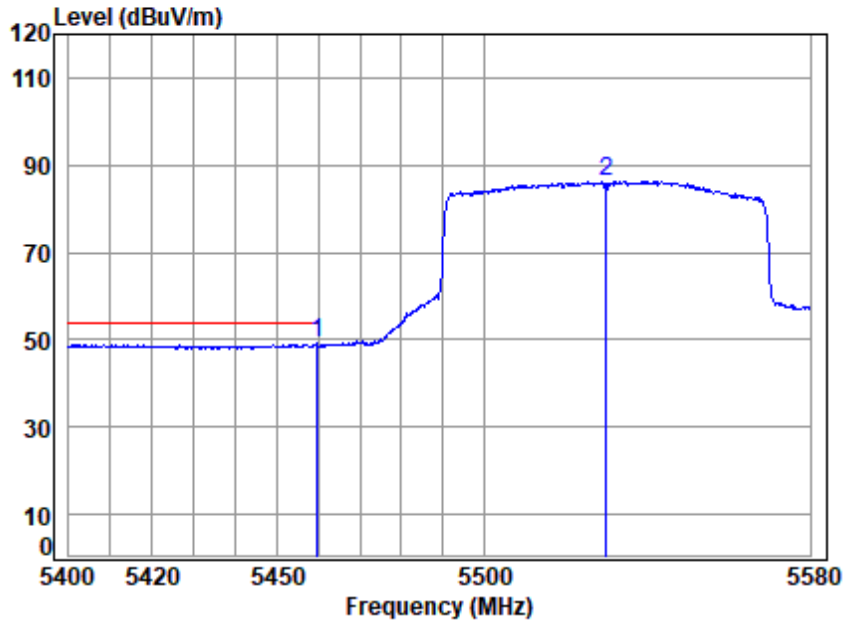
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00786AT\00787AT
Mode : 5530 Band edge
: 5G WIFI 11AX80

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 q	5459.823	7.67	34.60	35.01	41.80	49.06	54.00	-4.94 Average
2	5530.000	7.73	34.60	35.01	78.85	86.17	-----	----- Average



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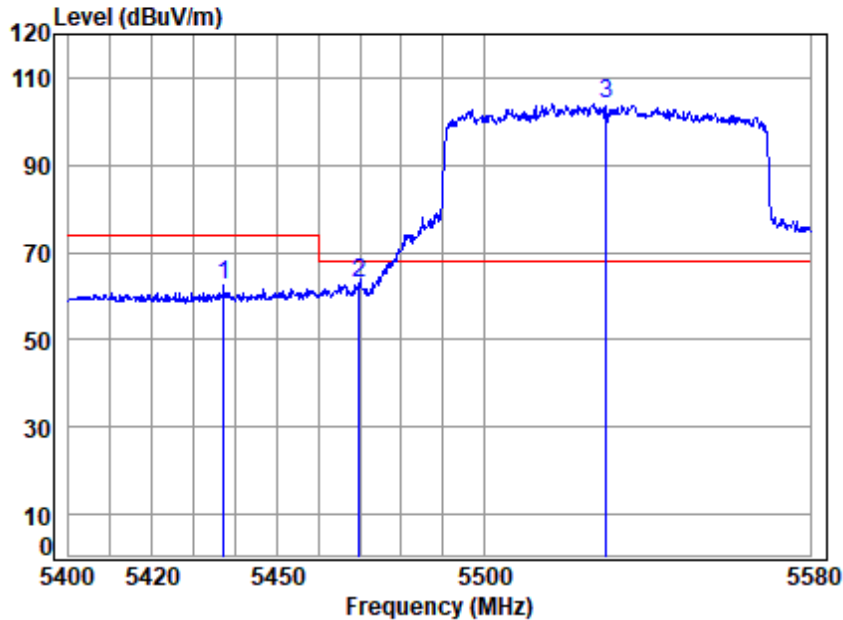
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Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00786AT\00787AT
Mode : 5530 Band edge
: 5G WIFI 11AX80

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5437.134	7.65	34.57	35.01	55.22	62.43	74.00	-11.57 Peak
2	5469.857	7.68	34.60	35.01	55.64	62.91	68.20	-5.29 peak
3 q	5530.000	7.73	34.60	35.01	96.56	103.88	68.20	35.68 Peak

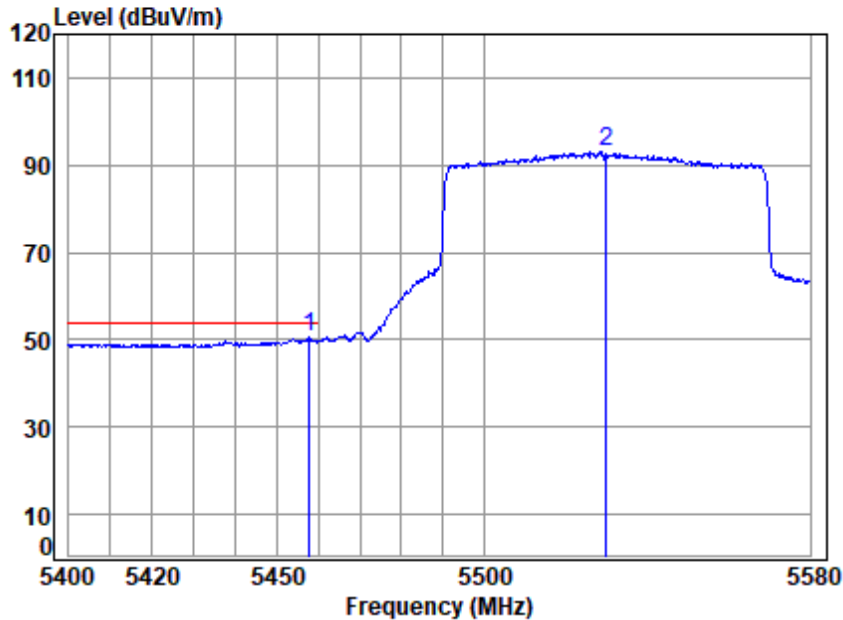


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Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00786AT\00787AT
 Mode : 5530 Band edge
 : 5G WIFI 11AX80

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 q	5457.675	7.67	34.60	35.01	43.52	50.78	54.00	-3.22 Average
2	5530.000	7.73	34.60	35.01	85.59	92.91	-----	----- Average



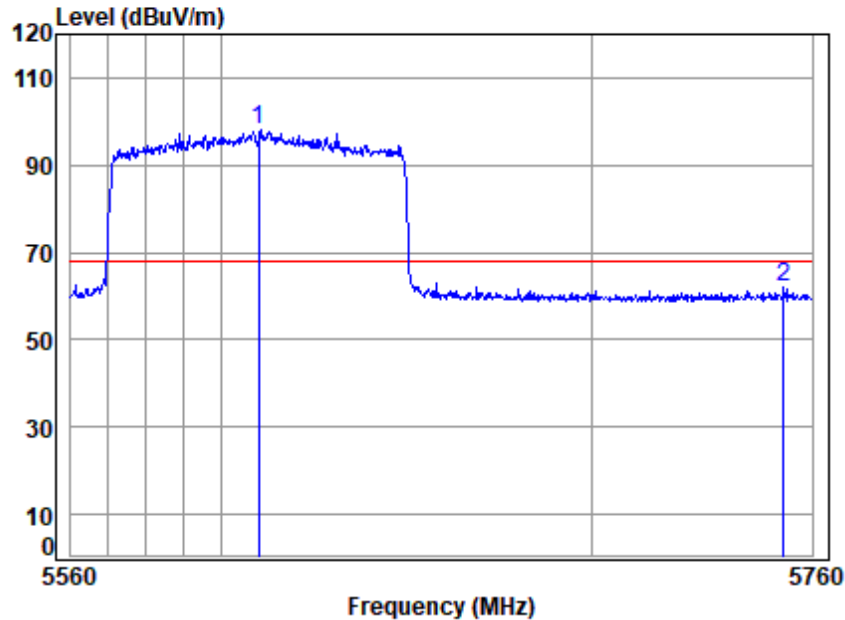
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SZEMC-TRF-01 Rev. A/0 Aug01,2022

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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00786AT\00787AT
Mode : 5610 Band edge
: 5G WIFI 11AX80

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 q	5610.000	7.81	34.50	35.02	90.69	97.98	68.20	29.78 peak
2	5752.270	7.94	34.50	35.03	54.69	62.10	68.20	-6.10 peak



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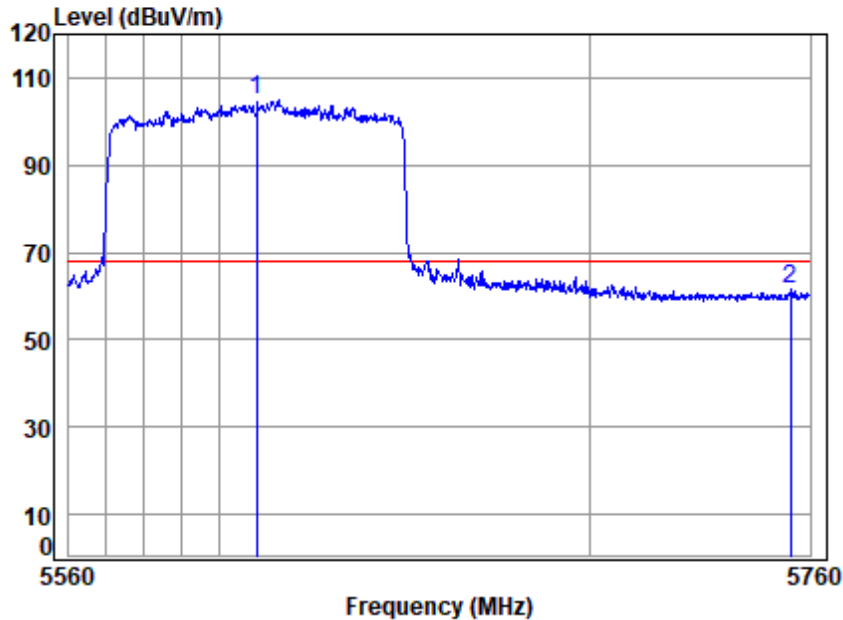
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SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230300078603

Page: 414 of 800

Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00786AT\00787AT
Mode : 5610 Band edge
: 5G WIFI 11AX80

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 q	5610.000	7.81	34.50	35.02	97.57	104.86	68.20	36.66 Peak
2	5754.710	7.94	34.51	35.03	54.11	61.53	68.20	-6.67 Peak



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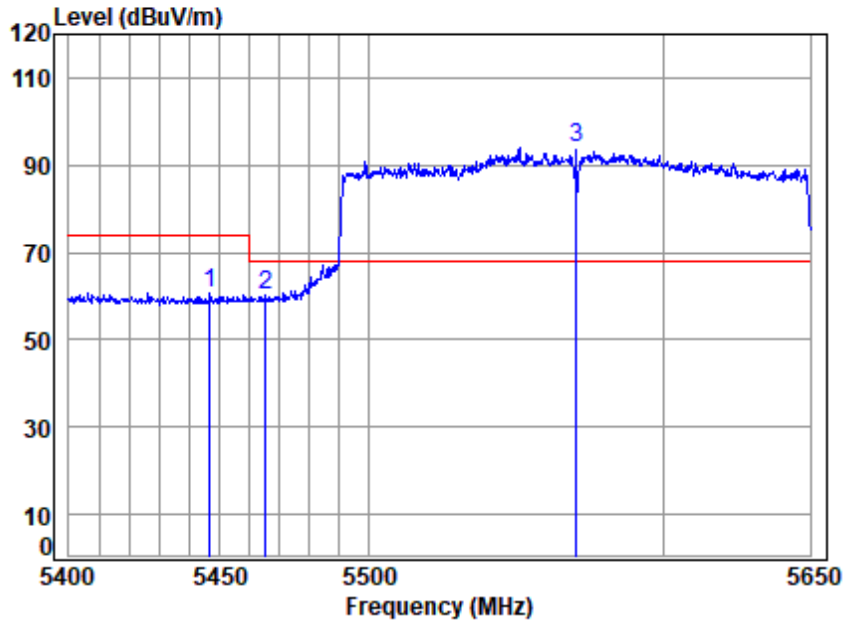
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00786AT\00787AT
Mode : 5570 Band edge
: 5G WIFI 11AX160

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5446.633	7.66	34.59	35.01	53.67	60.91	74.00	-13.09 peak
2	5465.152	7.67	34.60	35.01	53.13	60.39	68.20	-7.81 peak
3 q	5570.000	7.77	34.56	35.02	86.56	93.87	68.20	25.67 peak



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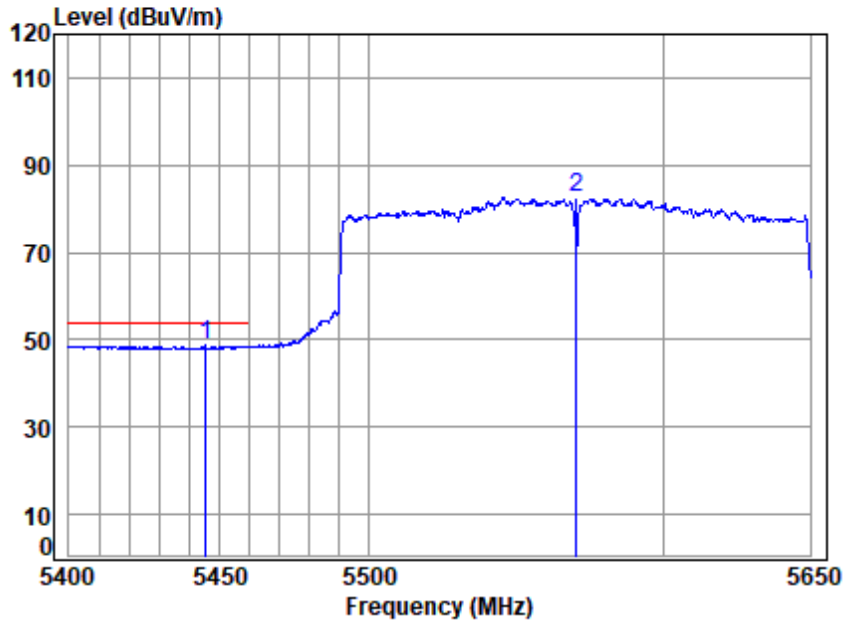
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00786AT\00787AT
Mode : 5570 Band edge
: 5G WIFI 11AX160

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 q	5445.401	7.65	34.59	35.01	41.37	48.60	54.00	-5.40 Average
2	5570.000	7.77	34.56	35.02	75.20	82.51	-----	----- Average



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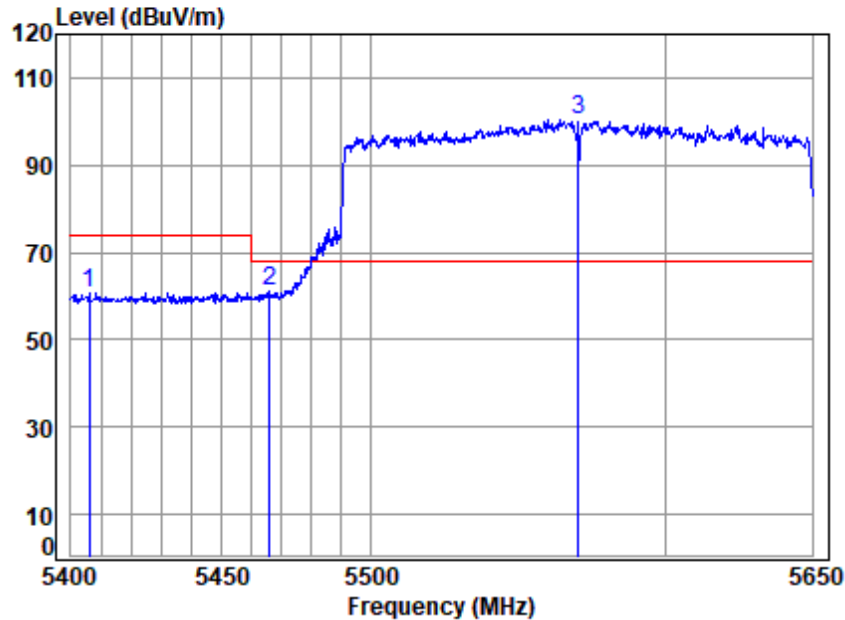
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Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00786AT\00787AT
Mode : 5570 Band edge
: 5G WIFI 11AX160

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5406.113	7.62	34.51	35.01	53.76	60.88	74.00	-13.12 Peak
2	5465.894	7.67	34.60	35.01	53.98	61.24	68.20	-6.96 peak
3 q	5570.000	7.77	34.56	35.02	92.94	100.25	68.20	32.05 Peak



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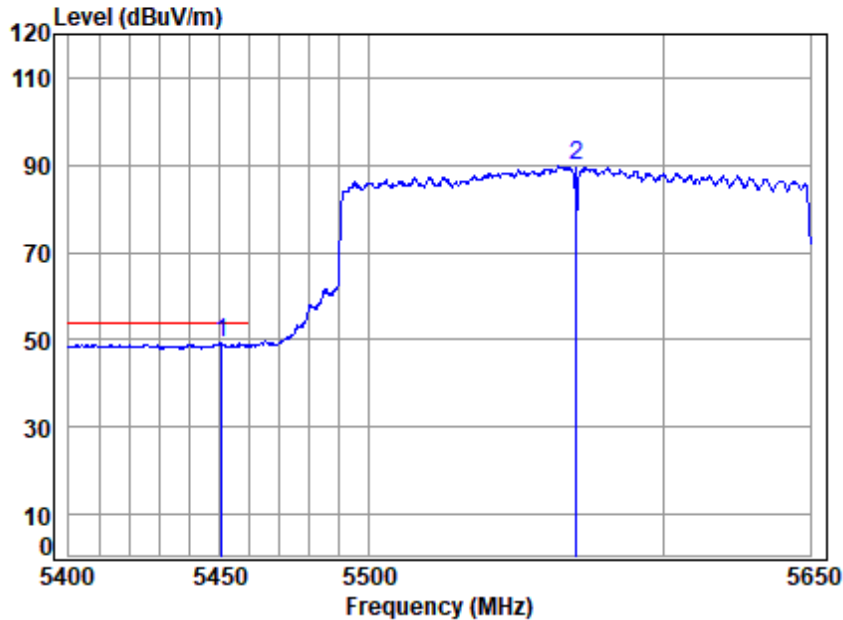
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SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230300078603

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Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00786AT\00787AT
Mode : 5570 Band edge
: 5G WIFI 11AX160

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 q	5450.579	7.66	34.60	35.01	42.00	49.25	54.00	-4.75 Average
2	5570.000	7.77	34.56	35.02	82.62	89.93	-----	----- Average



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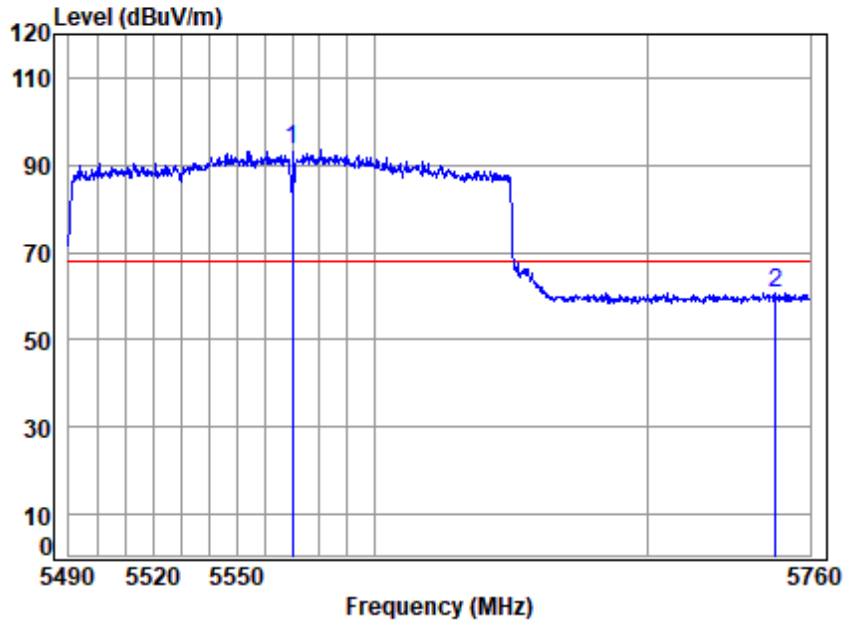
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00786AT\00787AT
Mode : 5570 Band edge
: 5G WIFI 11AX160

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q	5570.000	7.77	34.56	35.02	86.01	93.32	68.20	25.12	peak
2	5747.018	7.94	34.50	35.03	53.33	60.74	68.20	-7.46	peak



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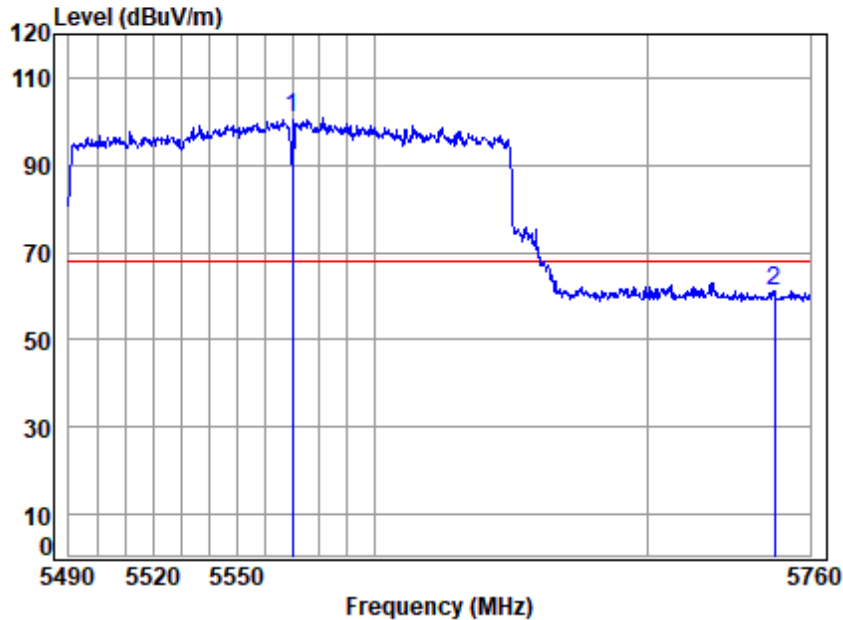
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Report No.: SZCR230300078603

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Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00786AT\00787AT
Mode : 5570 Band edge
: 5G WIFI 11AX160

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 q	5570.000	7.77	34.56	35.02	93.46	100.77	68.20	32.57 Peak
2	5746.742	7.94	34.50	35.03	53.78	61.19	68.20	-7.01 Peak

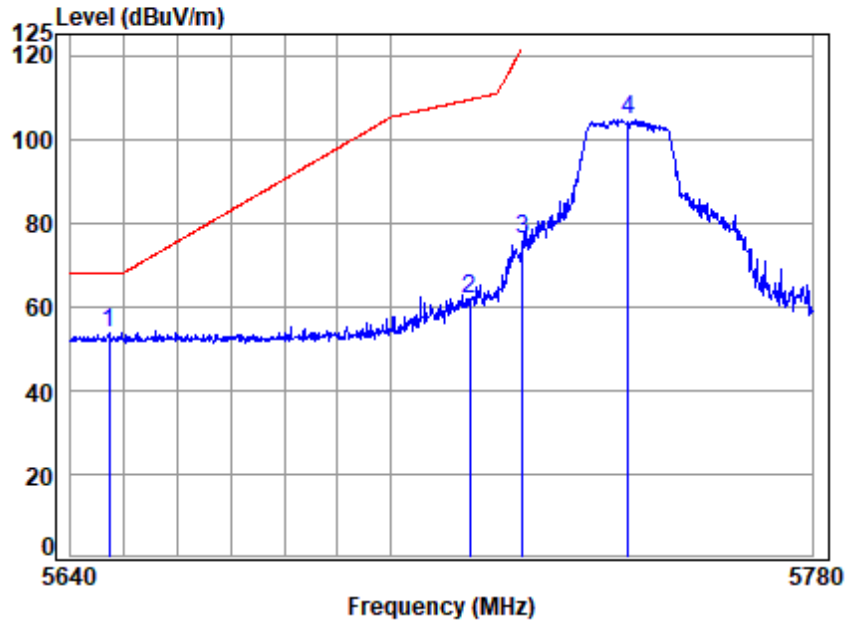


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Test Mode: 04; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low

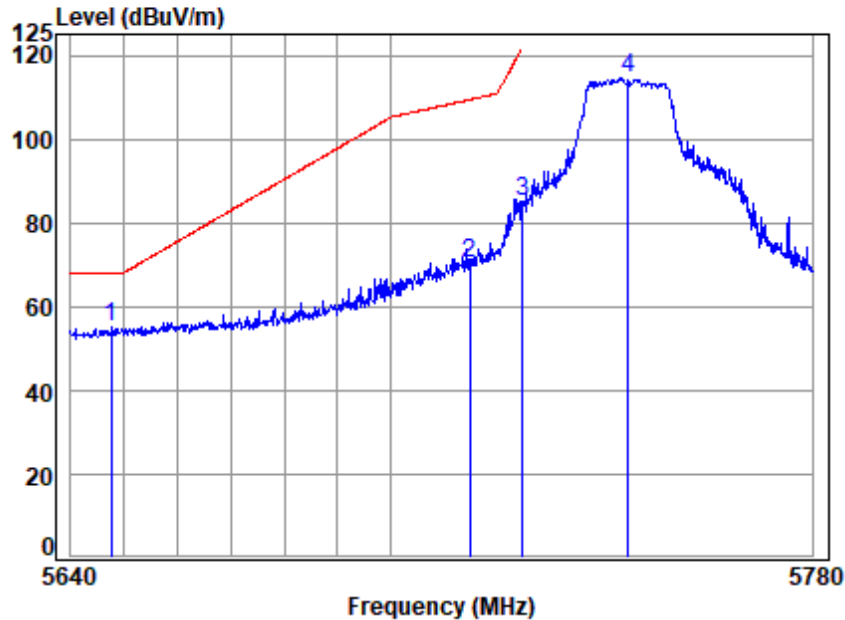


Site : chamber
Condition: 3m HORIZONTAL
Job No : 00786AT\00787AT
Mode : 5745 Band edge
: 5G WIFI 11A

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 q	5647.196	7.84	34.50	35.02	46.47	53.79	68.20	-14.41 peak
2	5715.000	7.91	34.50	35.02	54.17	61.56	109.40	-47.84 peak
3	5725.000	7.92	34.50	35.02	68.84	76.24	122.20	-45.96 peak
4	5745.000	7.93	34.50	35.03	97.36	104.76	-----	----- peak



Test Mode: 04; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low

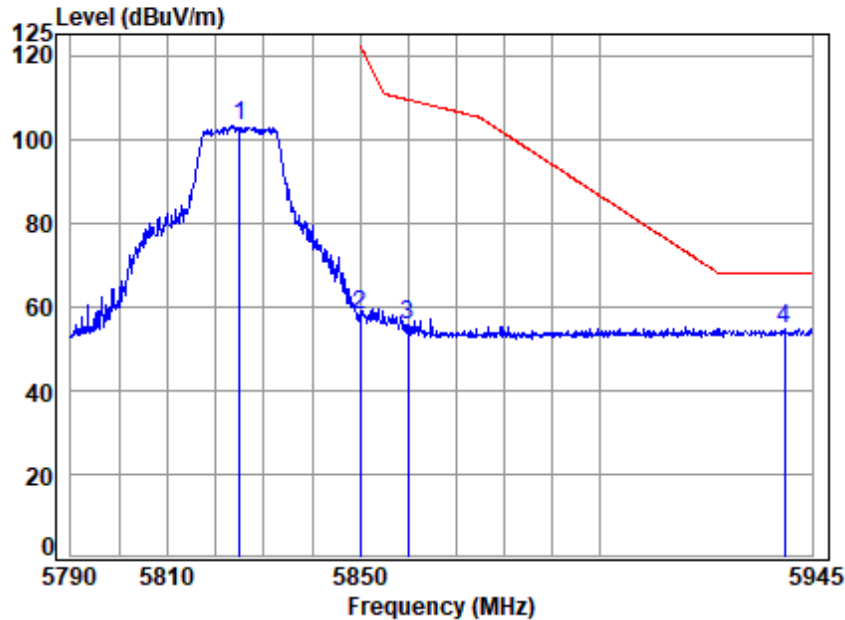


Site : chamber
Condition: 3m VERTICAL
Job No : 00786AT\00787AT
Mode : 5745 Band edge
: 5G WIFI 11A

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 q	5647.611	7.84	34.50	35.02	47.70	55.02	68.20	-13.18 peak
2	5715.000	7.91	34.50	35.02	63.19	70.58	109.40	-38.82 peak
3	5725.000	7.92	34.50	35.02	77.87	85.27	122.20	-36.93 peak
4	5745.000	7.93	34.50	35.03	107.32	114.72	-----	----- peak



Test Mode: 04; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High

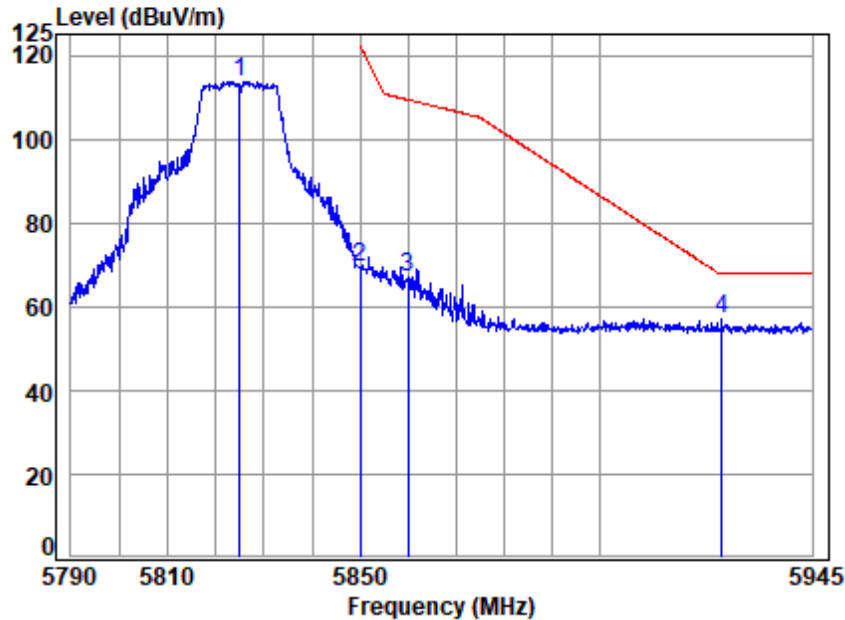


Site : chamber
Condition: 3m HORIZONTAL
Job No : 00786AT\00787AT
Mode : 5825 Band edge
: 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5825.000	8.01	34.65	35.03	95.32	102.95	-----	-----	peak
2	5850.000	8.03	34.70	35.03	50.48	58.18	122.20	-64.02	peak
3	5860.000	8.04	34.72	35.03	47.93	55.66	109.40	-53.74	peak
4 q	5939.192	8.11	34.88	35.04	46.85	54.80	68.20	-13.40	peak



Test Mode: 04; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High

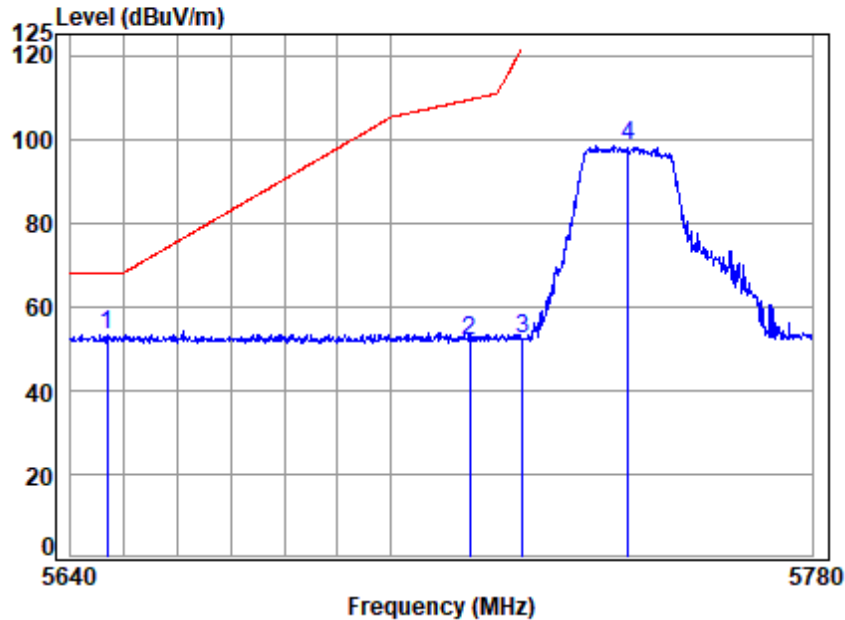


Site : chamber
Condition: 3m VERTICAL
Job No : 00786AT\00787AT
Mode : 5825 Band edge
: 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5825.000	8.01	34.65	35.03	105.94	113.57	-----	-----	peak
2	5850.000	8.03	34.70	35.03	61.60	69.30	122.20	-52.90	peak
3	5860.000	8.04	34.72	35.03	59.18	66.91	109.40	-42.49	peak
4 q	5925.870	8.10	34.85	35.04	48.92	56.83	68.20	-11.37	peak



Test Mode: 04; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00786AT\00787AT
Mode : 5745 Band edge
: 5G WIFI 11N20

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 q 5646.780		7.84	34.50	35.02	46.02	53.34	68.20	-14.86 peak
2 5715.000		7.91	34.50	35.02	44.41	51.80	109.40	-57.60 peak
3 5725.000		7.92	34.50	35.02	45.12	52.52	122.20	-69.68 peak
4 5745.000		7.93	34.50	35.03	91.03	98.43	-----	----- peak



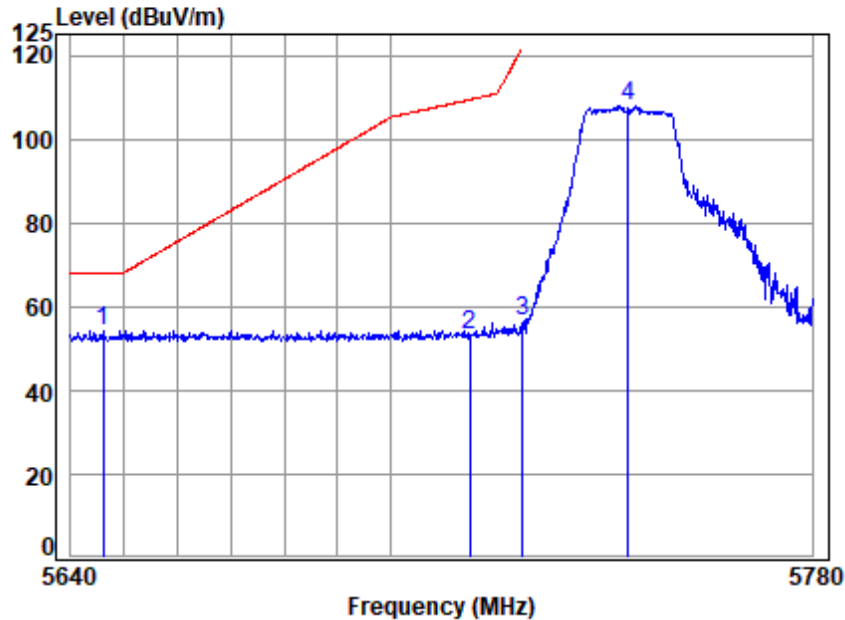
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SZEMC-TRF-01 Rev. A/0 Aug01,2022

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Test Mode: 04; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00786AT\00787AT
Mode : 5745 Band edge
: 5G WIFI 11N20

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q 5646.088		7.84	34.50	35.02	46.90	54.22	68.20	-13.98	peak
2 5715.000		7.91	34.50	35.02	46.05	53.44	109.40	-55.96	peak
3 5725.000		7.92	34.50	35.02	49.07	56.47	122.20	-65.73	peak
4 5745.000		7.93	34.50	35.03	100.69	108.09	-----	-----	peak



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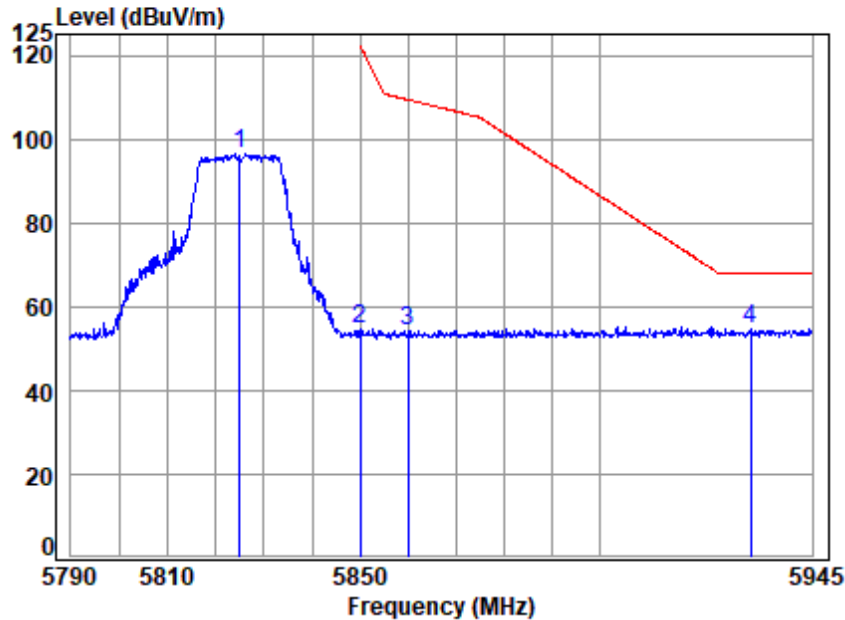
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00786AT\00787AT
Mode : 5825 Band edge
: 5G WIFI 11N20

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5825.000	8.01	34.65	35.03	88.82	96.45	-----	-----	peak
2	5850.000	8.03	34.70	35.03	46.77	54.47	122.20	-67.73	peak
3	5860.000	8.04	34.72	35.03	46.58	54.31	109.40	-55.09	peak
4 q	5931.979	8.10	34.86	35.04	46.80	54.72	68.20	-13.48	peak



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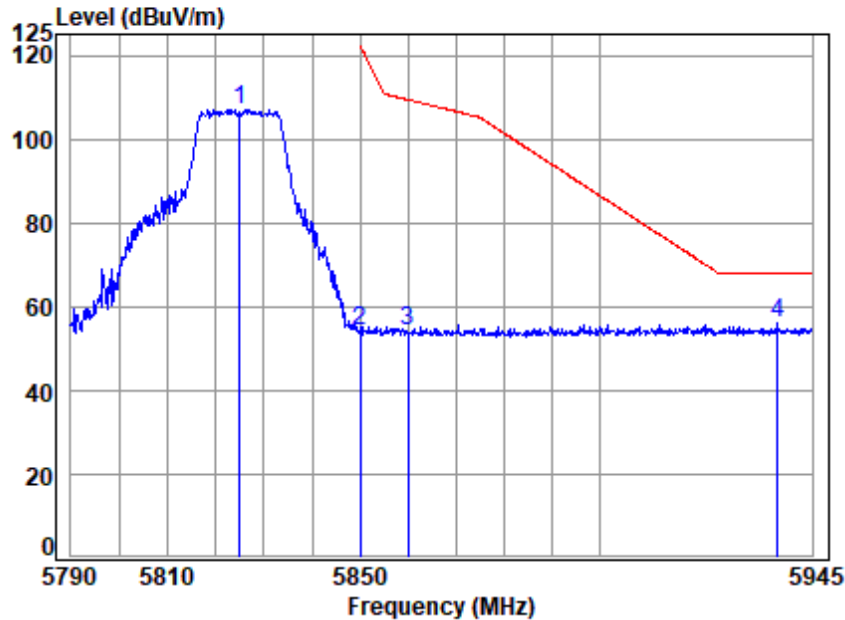
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Test Mode: 04; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00786AT\00787AT
Mode : 5825 Band edge
: 5G WIFI 11N20

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5825.000	8.01	34.65	35.03	99.51	107.14	-----	-----	peak
2	5850.000	8.03	34.70	35.03	46.39	54.09	122.20	-68.11	peak
3	5860.000	8.04	34.72	35.03	46.50	54.23	109.40	-55.17	peak
4 q	5937.780	8.11	34.88	35.04	48.08	56.03	68.20	-12.17	peak



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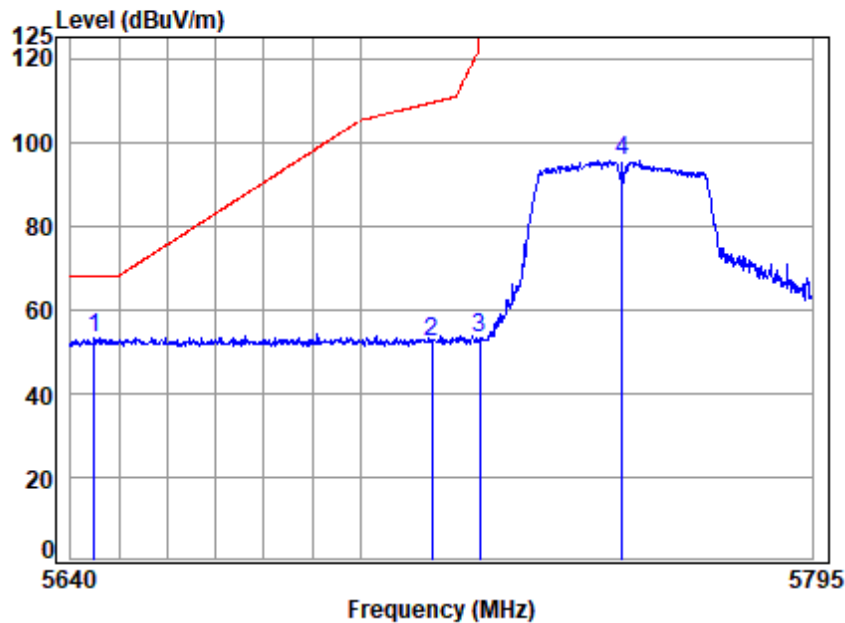
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00786AT\00787AT
Mode : 5755 Band edge
: 5G WIFI 11N40

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q	5644.895	7.84	34.50	35.02	45.80	53.12	68.20	-15.08	peak
2	5715.000	7.91	34.50	35.02	44.72	52.11	109.40	-57.29	peak
3	5725.000	7.92	34.50	35.02	45.78	53.18	122.20	-69.02	peak
4	5755.000	7.94	34.51	35.03	88.07	95.49	-----	-----	peak



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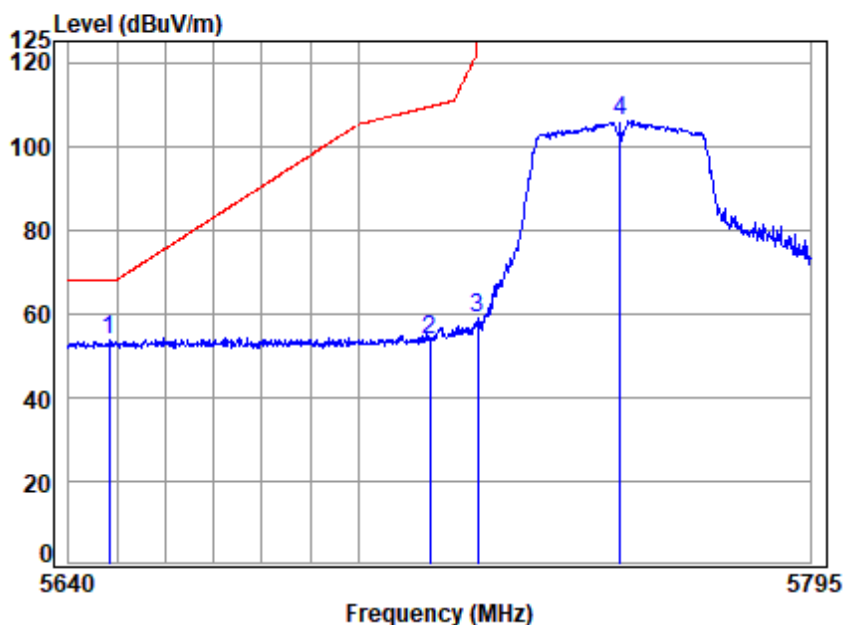
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Test Mode: 04; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00786AT\00787AT
Mode : 5755 Band edge
: 5G WIFI 11N40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 q	5648.263	7.85	34.50	35.02	46.34	53.67	68.20	-14.53 peak
2	5715.000	7.91	34.50	35.02	46.17	53.56	109.40	-55.84 peak
3	5725.000	7.92	34.50	35.02	51.58	58.98	122.20	-63.22 peak
4	5755.000	7.94	34.51	35.03	98.42	105.84	-----	----- peak

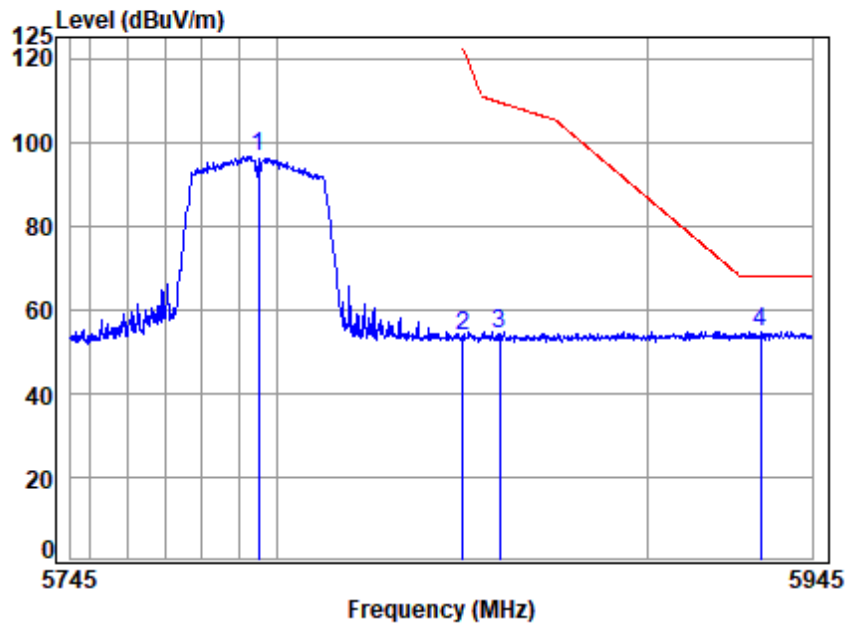


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Test Mode: 04; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00786AT\00787AT
Mode : 5795 Band edge
: 5G WIFI 11N40

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5795.000	7.98	34.59	35.03	89.16	96.70	-----	-----	peak
2	5850.000	8.03	34.70	35.03	46.10	53.80	122.20	-68.40	peak
3	5860.000	8.04	34.72	35.03	46.31	54.04	109.40	-55.36	peak
4 q	5930.776	8.10	34.86	35.04	46.91	54.83	68.20	-13.37	peak



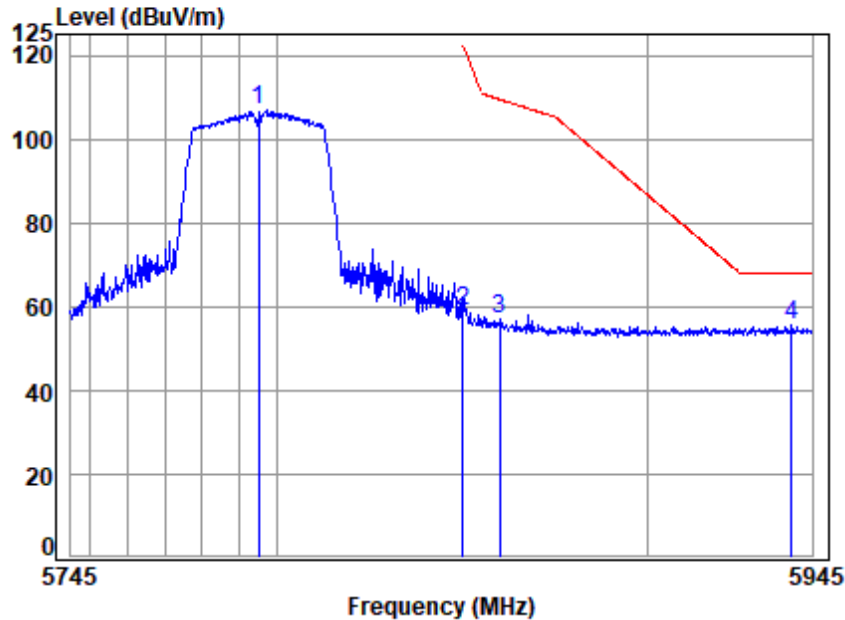
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Test Mode: 04; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00786AT\00787AT
Mode : 5795 Band edge
: 5G WIFI 11N40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5795.000	7.98	34.59	35.03	99.28	106.82	-----	----- peak
2	5850.000	8.03	34.70	35.03	51.16	58.86	122.20	-63.34 peak
3	5860.000	8.04	34.72	35.03	49.20	56.93	109.40	-52.47 peak
4 q	5939.306	8.11	34.88	35.04	47.61	55.56	68.20	-12.64 peak

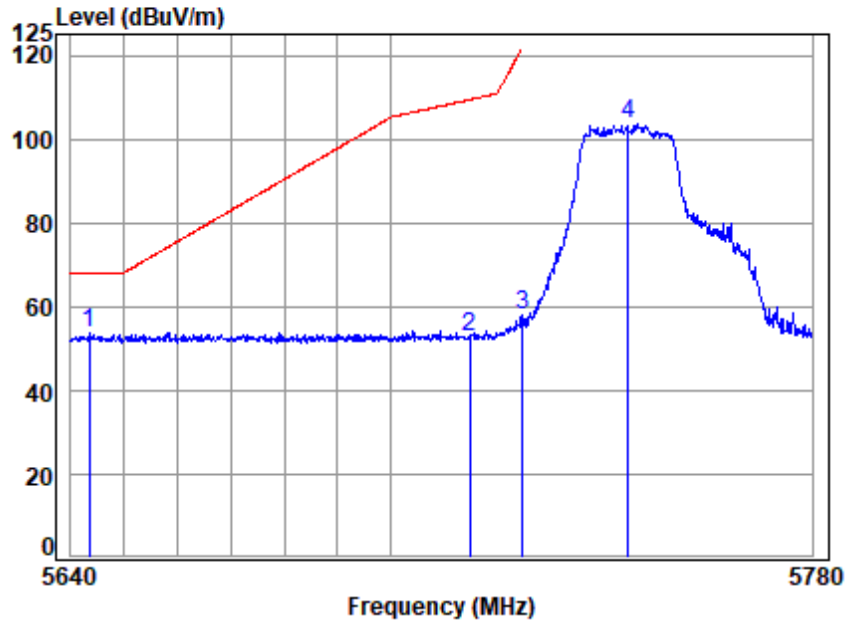


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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00786AT\00787AT
Mode : 5745 Band edge
: 5G WIFI 11AC20

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 q 5643.458		7.84	34.50	35.02	46.17	53.49	68.20	-14.71 peak
2 5715.000		7.91	34.50	35.02	45.43	52.82	109.40	-56.58 peak
3 5725.000		7.92	34.50	35.02	50.38	57.78	122.20	-64.42 peak
4 5745.000		7.93	34.50	35.03	96.43	103.83	-----	----- peak

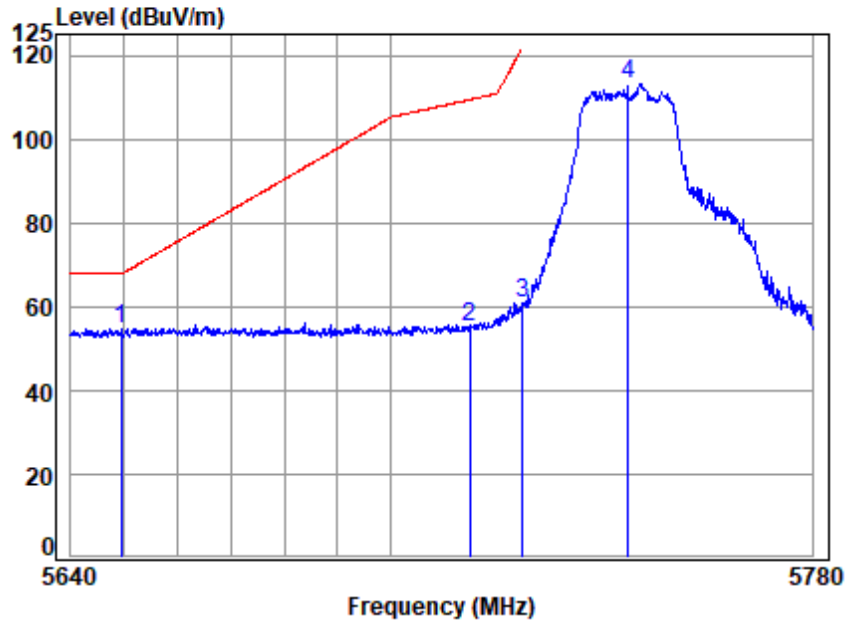


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Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low

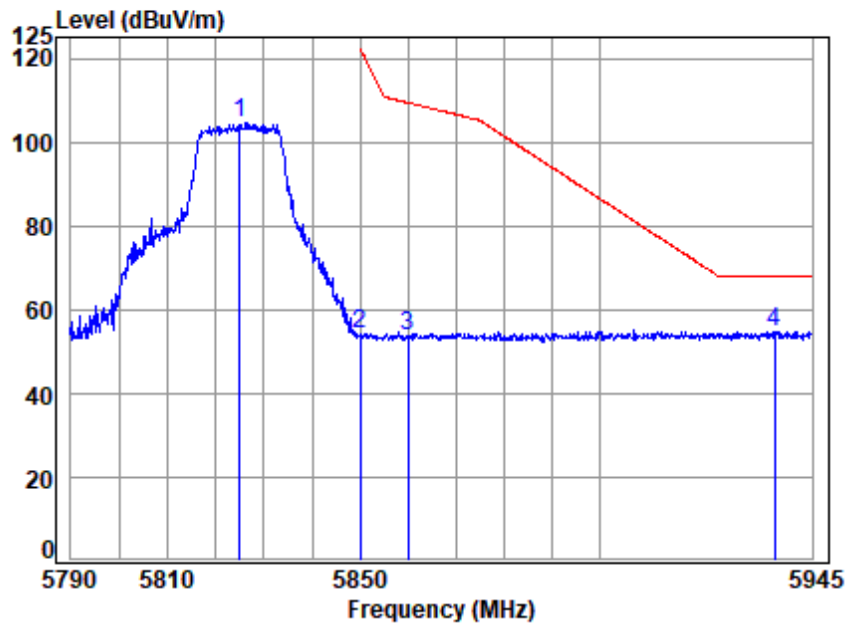


Site : chamber
Condition: 3m VERTICAL
Job No : 00786AT\00787AT
Mode : 5745 Band edge
: 5G WIFI 11AC20

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 q	5649.412	7.85	34.50	35.02	47.46	54.79	68.20	-13.41 peak
2	5715.000	7.91	34.50	35.02	47.75	55.14	109.40	-54.26 peak
3	5725.000	7.92	34.50	35.02	53.65	61.05	122.20	-61.15 peak
4	5745.000	7.93	34.50	35.03	105.61	113.01	-----	----- peak



Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High

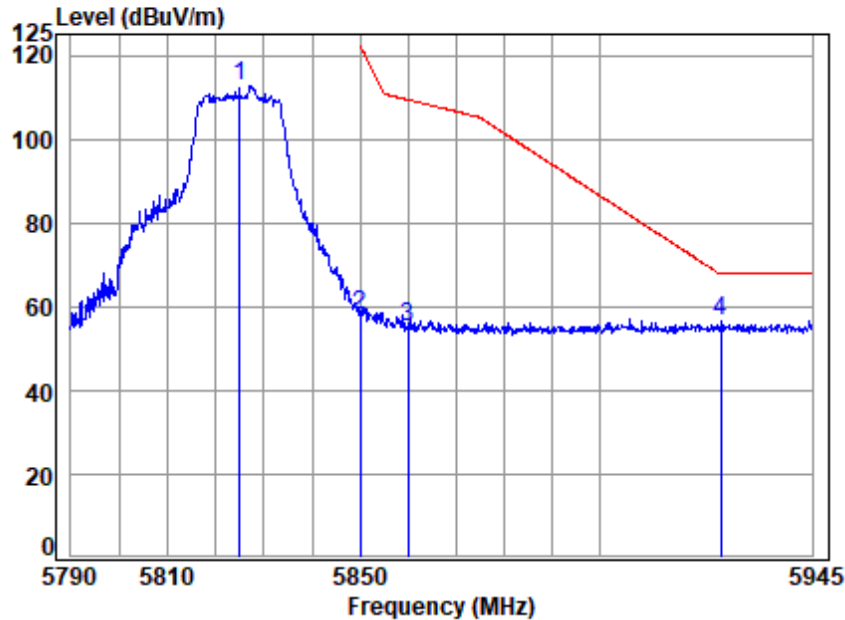


Site : chamber
Condition: 3m HORIZONTAL
Job No : 00786AT\00787AT
Mode : 5825 Band edge
: 5G WIFI 11AC20

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5825.000	8.01	34.65	35.03	96.78	104.41	-----	-----	peak
2	5850.000	8.03	34.70	35.03	46.27	53.97	122.20	-68.23	peak
3	5860.000	8.04	34.72	35.03	46.13	53.86	109.40	-55.54	peak
4 q	5936.996	8.10	34.87	35.04	46.93	54.86	68.20	-13.34	peak



Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High

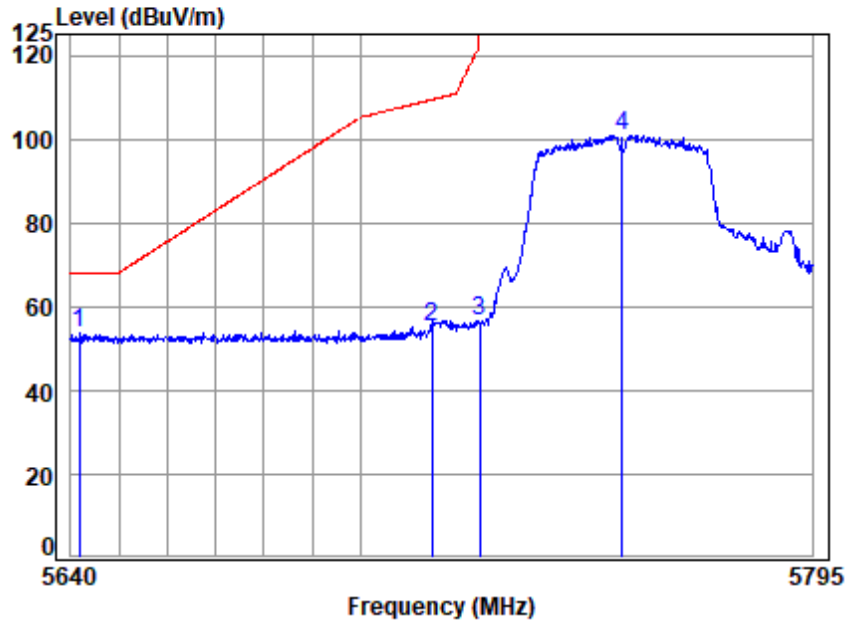


Site : chamber
Condition: 3m VERTICAL
Job No : 00786AT\00787AT
Mode : 5825 Band edge
: 5G WIFI 11AC20

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5825.000	8.01	34.65	35.03	104.99	112.62	-----	-----	peak
2	5850.000	8.03	34.70	35.03	50.33	58.03	122.20	-64.17	peak
3	5860.000	8.04	34.72	35.03	47.41	55.14	109.40	-54.26	peak
4 q	5925.713	8.10	34.85	35.04	48.88	56.79	68.20	-11.41	peak



Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00786AT\00787AT
Mode : 5755 Band edge
: 5G WIFI 11AC40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 q 5641.835		7.84	34.50	35.02	46.16	53.48	68.20	-14.72 peak
2 5715.000		7.91	34.50	35.02	47.93	55.32	109.40	-54.08 peak
3 5725.000		7.92	34.50	35.02	49.03	56.43	122.20	-65.77 peak
4 5755.000		7.94	34.51	35.03	93.46	100.88	-----	----- peak

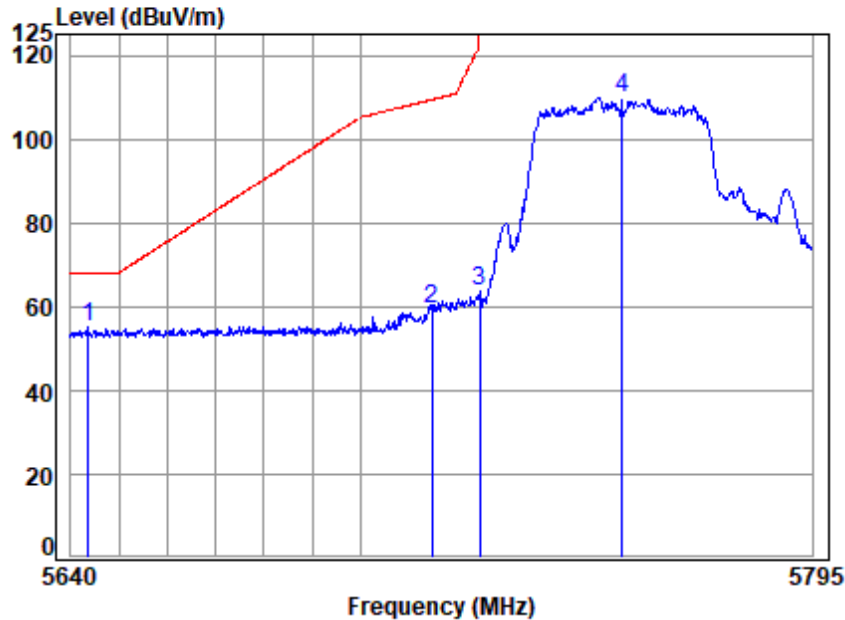


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Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00786AT\00787AT
Mode : 5755 Band edge
: 5G WIFI 11AC40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 q	5643.671	7.84	34.50	35.02	47.71	55.03	68.20	-13.17 peak
2	5715.000	7.91	34.50	35.02	51.92	59.31	109.40	-50.09 peak
3	5725.000	7.92	34.50	35.02	56.35	63.75	122.20	-58.45 peak
4	5755.000	7.94	34.51	35.03	102.53	109.95	-----	----- peak



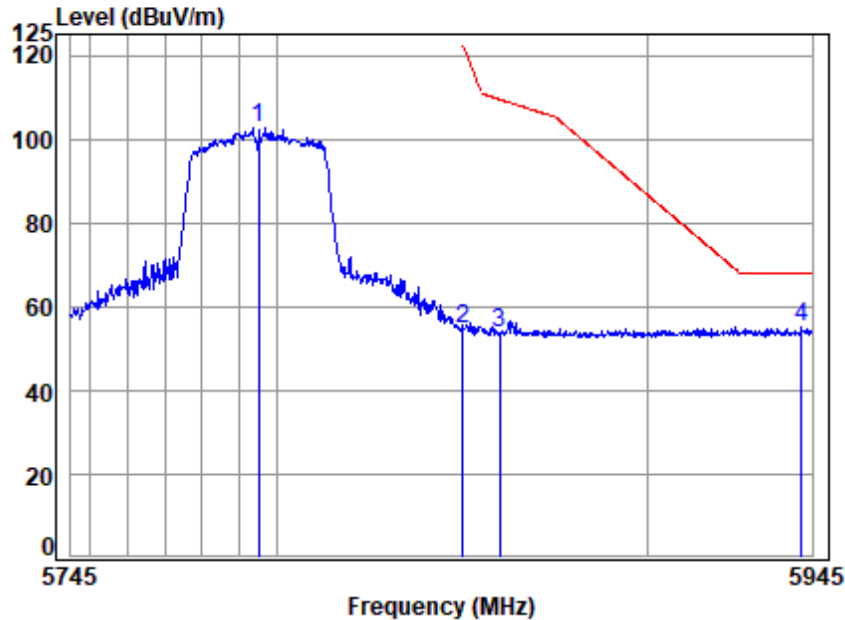
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00786AT\00787AT
Mode : 5795 Band edge
: 5G WIFI 11AC40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5795.000	7.98	34.59	35.03	95.12	102.66	-----	----- peak
2	5850.000	8.03	34.70	35.03	47.00	54.70	122.20	-67.50 peak
3	5860.000	8.04	34.72	35.03	45.78	53.51	109.40	-55.89 peak
4 q	5942.152	8.11	34.88	35.04	46.96	54.91	68.20	-13.29 peak



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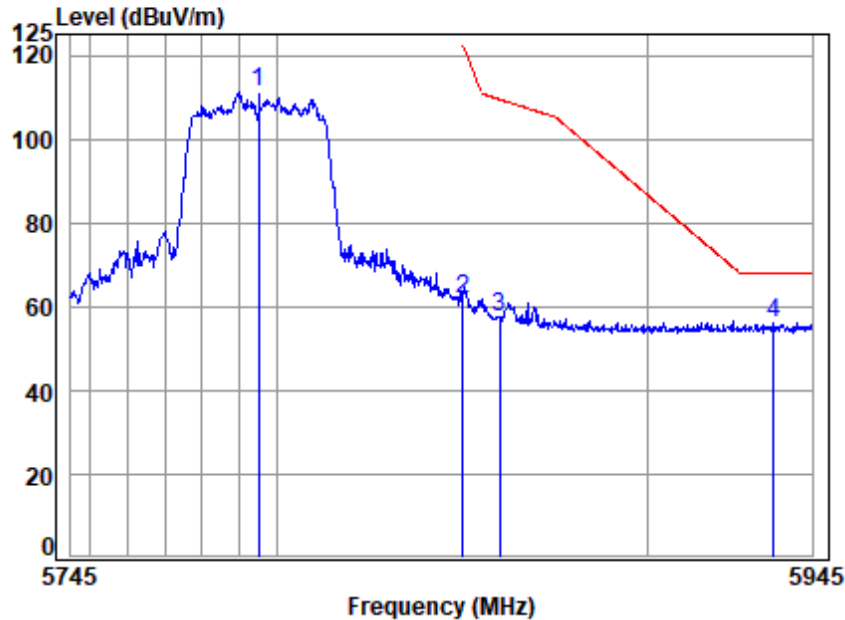
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Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00786AT\00787AT
Mode : 5795 Band edge
: 5G WIFI 11AC40

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5795.000	7.98	34.59	35.03	103.58	111.12	-----	-----	peak
2	5850.000	8.03	34.70	35.03	54.08	61.78	122.20	-60.42	peak
3	5860.000	8.04	34.72	35.03	49.67	57.40	109.40	-52.00	peak
4 q	5934.431	8.10	34.87	35.04	48.08	56.01	68.20	-12.19	peak



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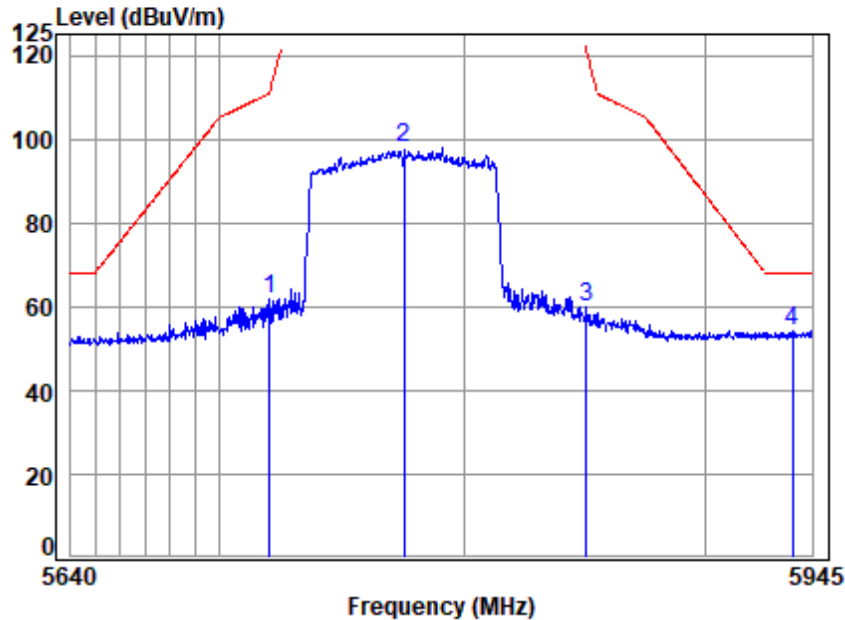
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00786AT\00787AT
Mode : 5775 Band edge
: 5G WIFI 11AC80

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5720.171	7.91	34.50	35.02	54.61	62.00	111.19	-49.19	peak
2	5775.000	7.96	34.55	35.03	90.54	98.02	-----	-----	peak
3	5850.575	8.03	34.70	35.03	52.08	59.78	120.89	-61.11	peak
4 q	5936.552	8.10	34.87	35.04	46.37	54.30	68.20	-13.90	peak



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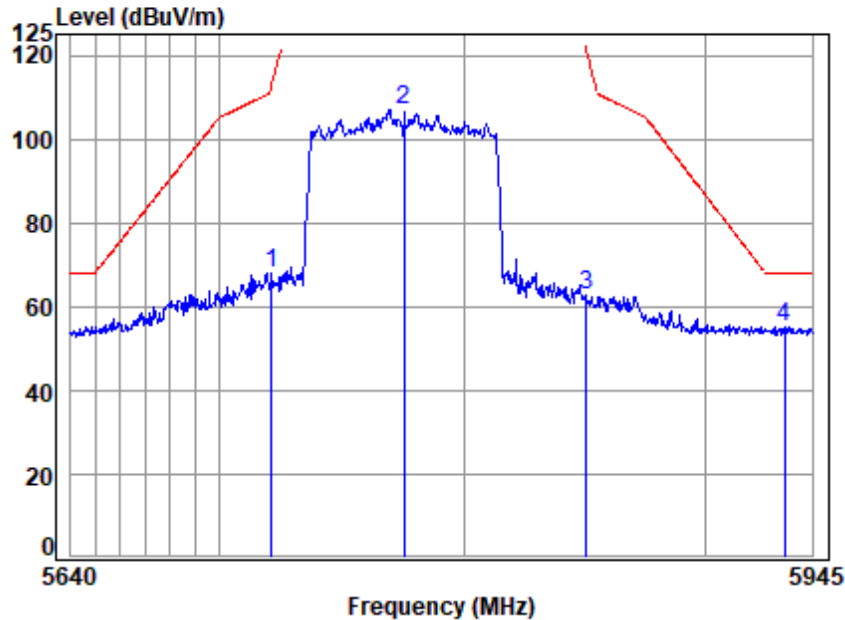
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Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00786AT\00787AT
Mode : 5775 Band edge
: 5G WIFI 11AC80

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5721.075	7.91	34.50	35.02	60.49	67.88	113.25	-45.37 peak
2	5775.000	7.96	34.55	35.03	99.56	107.04	-----	----- peak
3	5850.267	8.03	34.70	35.03	55.16	62.86	121.59	-58.73 peak
4 q	5933.426	8.10	34.87	35.04	47.33	55.26	68.20	-12.94 peak



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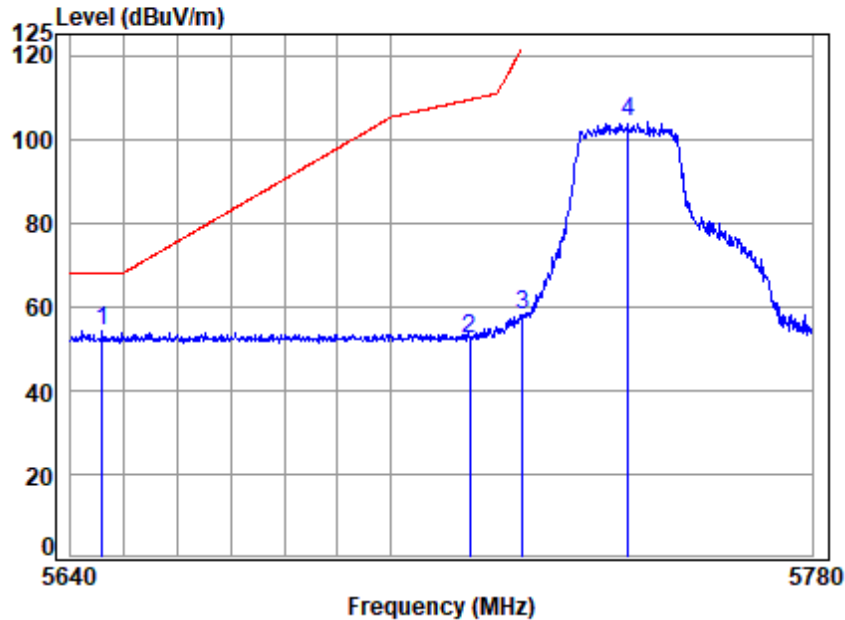
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00786AT\00787AT
Mode : 5745 Band edge
: 5G WIFI 11AX20

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 q 5645.811		7.84	34.50	35.02	47.05	54.37	68.20	-13.83 peak
2 5715.000		7.91	34.50	35.02	45.08	52.47	109.40	-56.93 peak
3 5725.000		7.92	34.50	35.02	50.66	58.06	122.20	-64.14 peak
4 5745.000		7.93	34.50	35.03	96.80	104.20	-----	----- peak



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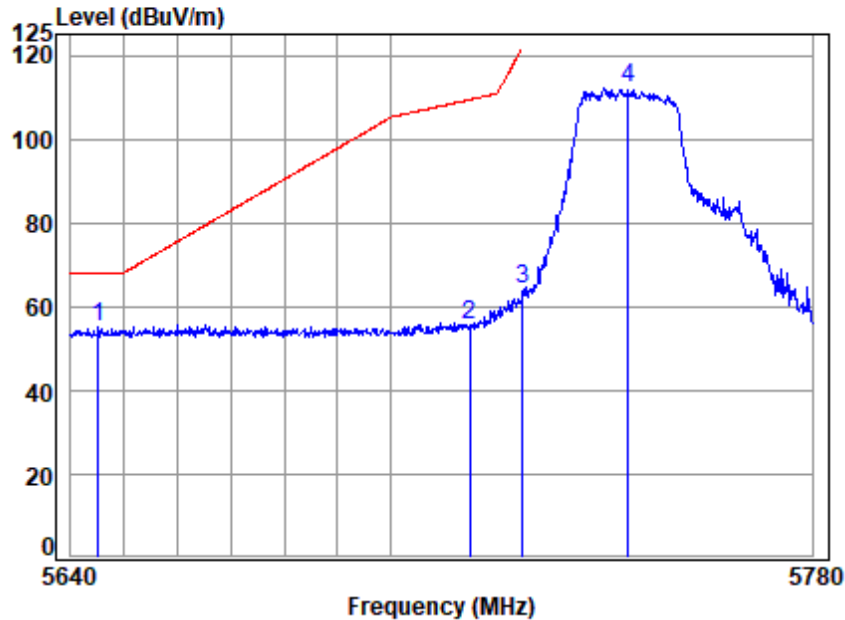
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Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00786AT\00787AT
Mode : 5745 Band edge
: 5G WIFI 11AX20

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 q	5645.119	7.84	34.50	35.02	47.91	55.23	68.20	-12.97 peak
2	5715.000	7.91	34.50	35.02	48.08	55.47	109.40	-53.93 peak
3	5725.000	7.92	34.50	35.02	56.84	64.24	122.20	-57.96 peak
4	5745.000	7.93	34.50	35.03	104.54	111.94	-----	----- peak



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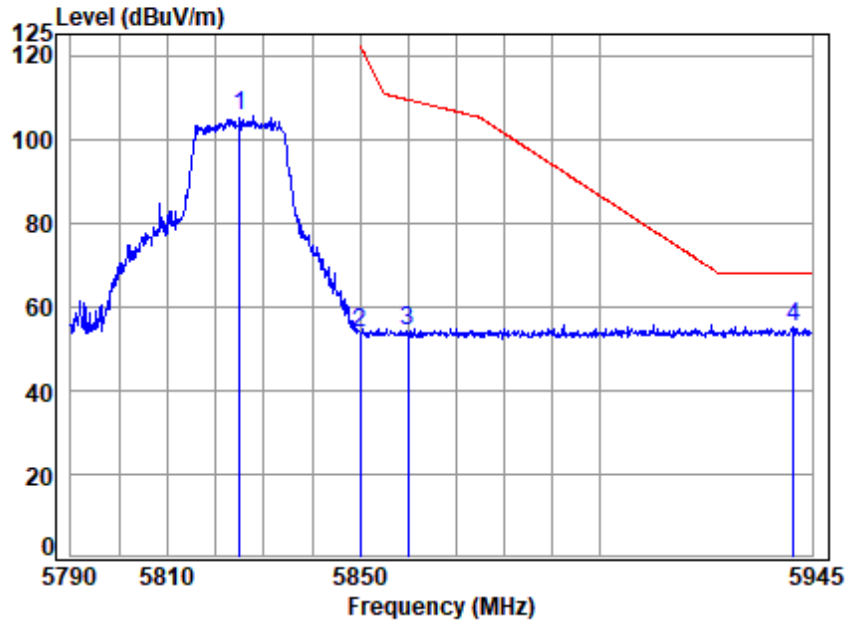
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00786AT\00787AT
Mode : 5825 Band edge
: 5G WIFI 11AX20

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5825.000	8.01	34.65	35.03	97.85	105.48	-----	-----	peak
2	5850.000	8.03	34.70	35.03	45.78	53.48	122.20	-68.72	peak
3	5860.000	8.04	34.72	35.03	46.27	54.00	109.40	-55.40	peak
4 q	5941.075	8.11	34.88	35.04	47.37	55.32	68.20	-12.88	peak



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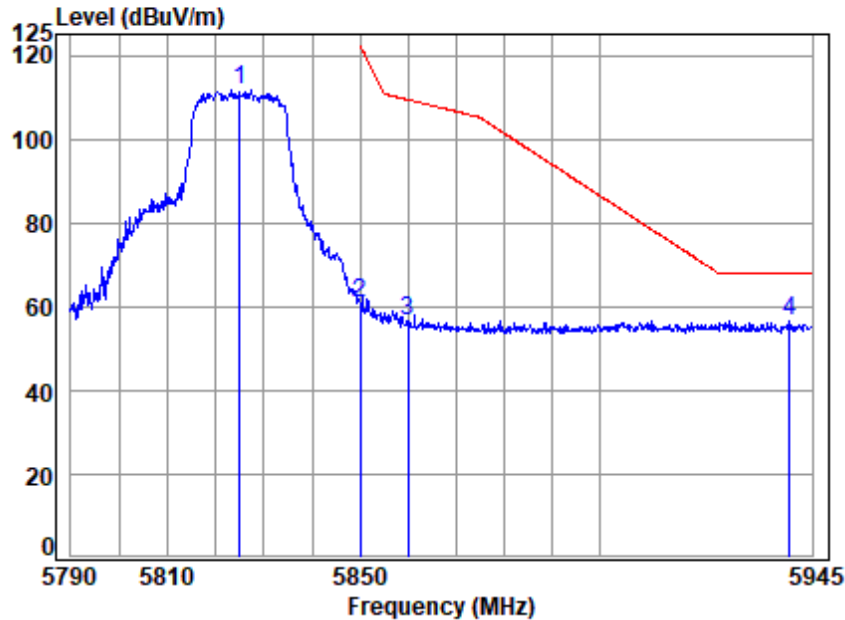
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Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00786AT\00787AT
Mode : 5825 Band edge
: 5G WIFI 11AX20

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5825.000	8.01	34.65	35.03	104.28	111.91	-----	-----	peak
2	5850.000	8.03	34.70	35.03	52.95	60.65	122.20	-61.55	peak
3	5860.000	8.04	34.72	35.03	49.03	56.76	109.40	-52.64	peak
4 q	5940.290	8.11	34.88	35.04	48.75	56.70	68.20	-11.50	peak



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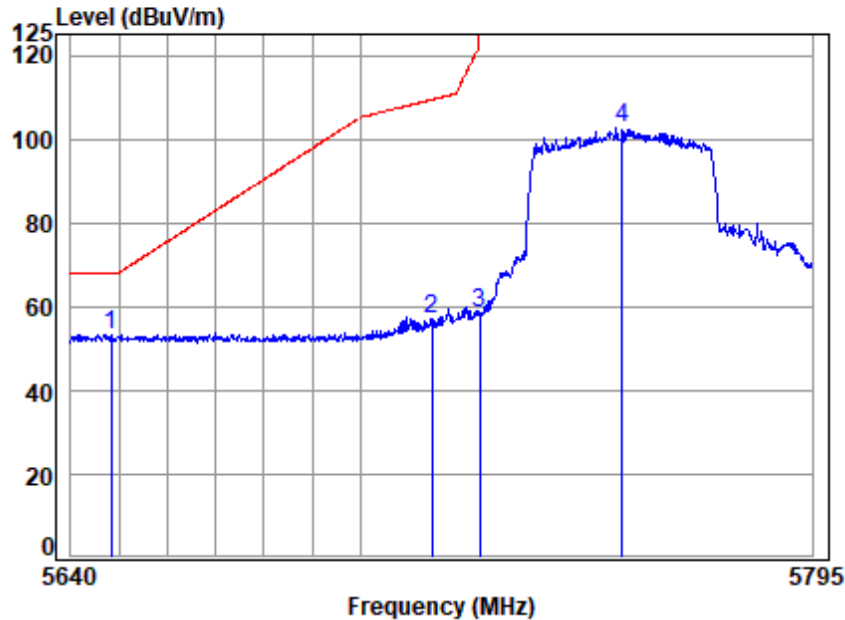
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00786AT\00787AT
Mode : 5755 Band edge
: 5G WIFI 11AX40

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q 5648.416		7.85	34.50	35.02	46.14	53.47	68.20	-14.73	peak
2 5715.000		7.91	34.50	35.02	49.66	57.05	109.40	-52.35	peak
3 5725.000		7.92	34.50	35.02	51.23	58.63	122.20	-63.57	peak
4 5755.000		7.94	34.51	35.03	95.01	102.43	-----	-----	peak



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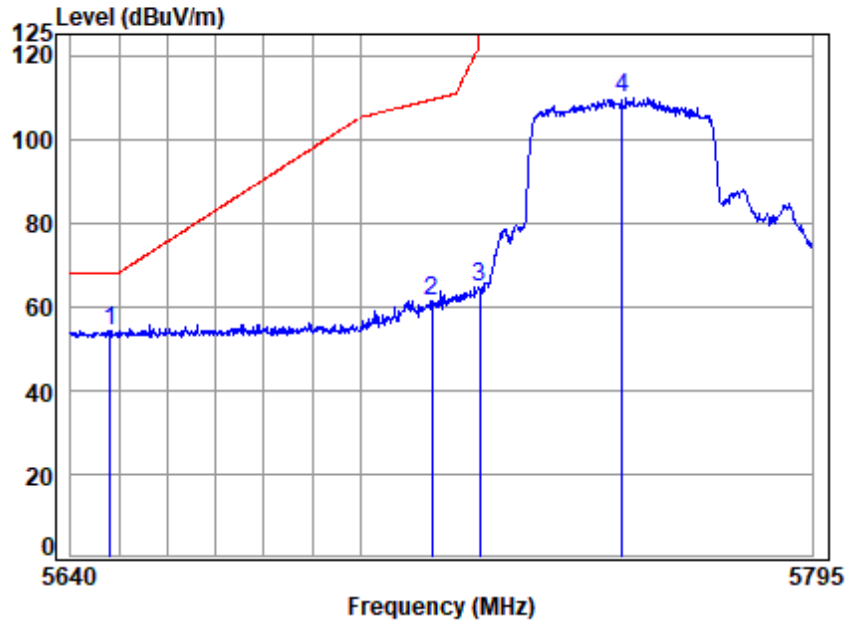
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Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00786AT\00787AT
Mode : 5755 Band edge
: 5G WIFI 11AX40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 q	5648.110	7.85	34.50	35.02	46.99	54.32	68.20	-13.88 peak
2	5715.000	7.91	34.50	35.02	53.83	61.22	109.40	-48.18 peak
3	5725.000	7.92	34.50	35.02	57.39	64.79	122.20	-57.41 peak
4	5755.000	7.94	34.51	35.03	102.53	109.95	-----	----- peak



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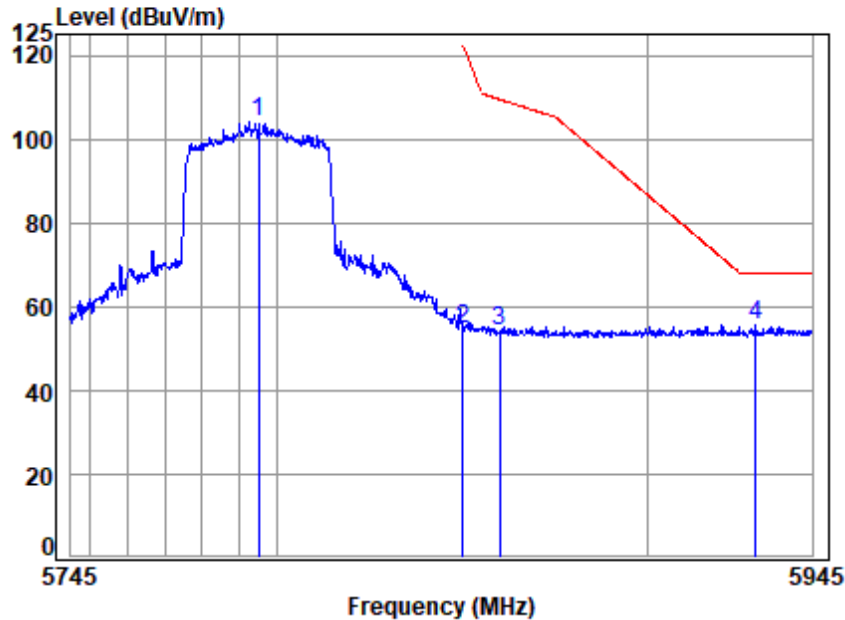
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00786AT\00787AT
Mode : 5795 Band edge
: 5G WIFI 11AX40

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5795.000	7.98	34.59	35.03	96.41	103.95	-----	-----	peak
2	5850.000	8.03	34.70	35.03	46.93	54.63	122.20	-67.57	peak
3	5860.000	8.04	34.72	35.03	46.33	54.06	109.40	-55.34	peak
4 q	5929.559	8.10	34.86	35.04	47.68	55.60	68.20	-12.60	peak



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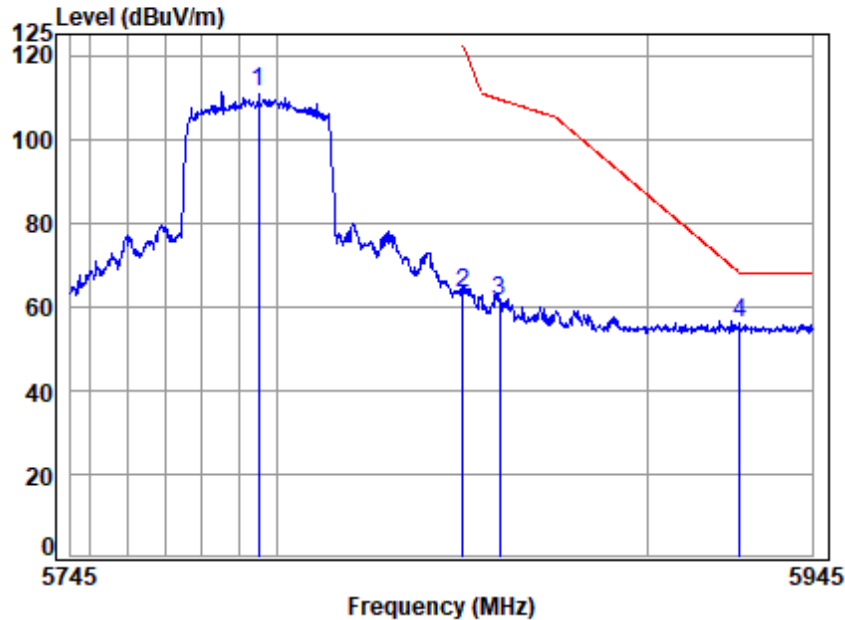
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Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00786AT\00787AT
Mode : 5795 Band edge
: 5G WIFI 11AX40

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5795.000	7.98	34.59	35.03	103.47	111.01	-----	-----	peak
2	5850.000	8.03	34.70	35.03	55.55	63.25	122.20	-58.95	peak
3	5860.000	8.04	34.72	35.03	53.68	61.41	109.40	-47.99	peak
4 q	5925.299	8.09	34.85	35.04	48.15	56.05	68.20	-12.15	peak



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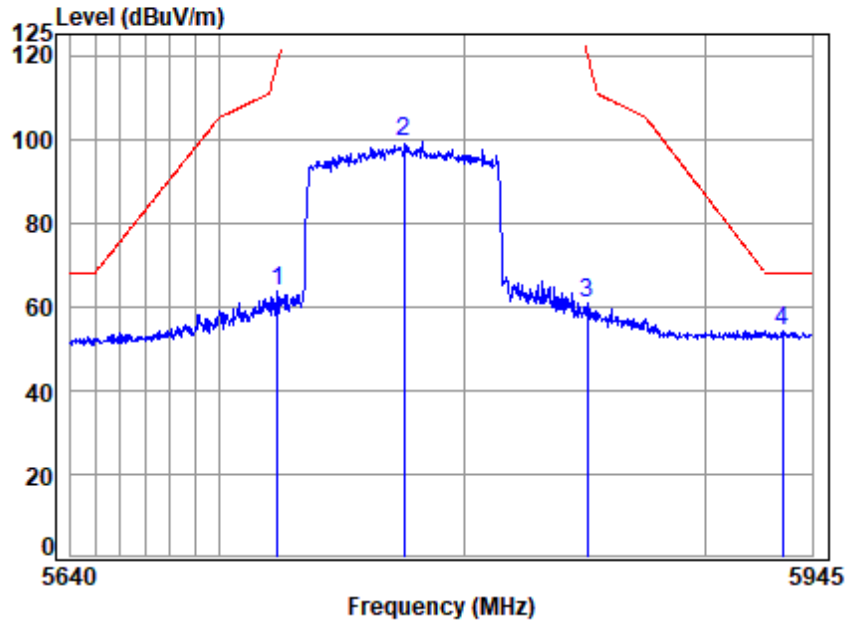
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00786AT\00787AT
Mode : 5775 Band edge
: 5G WIFI 11AX80

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5723.486	7.91	34.50	35.02	56.52	63.91	118.75	-54.84	peak
2	5775.000	7.96	34.55	35.03	91.77	99.25	-----	-----	peak
3	5850.883	8.03	34.70	35.03	52.94	60.64	120.19	-59.55	peak
4 q	5932.489	8.10	34.87	35.04	46.18	54.11	68.20	-14.09	peak



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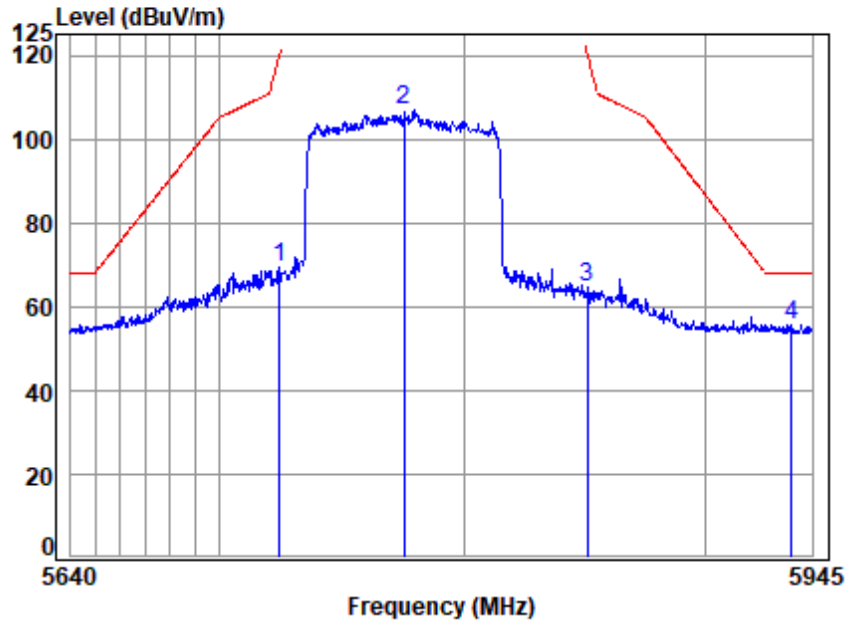
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Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00786AT\00787AT
Mode : 5775 Band edge
: 5G WIFI 11AX80

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5724.390	7.91	34.50	35.02	61.97	69.36	120.81	-51.45	peak
2	5775.000	7.96	34.55	35.03	99.48	106.96	-----	-----	peak
3	5850.883	8.03	34.70	35.03	57.04	64.74	120.19	-55.45	peak
4 q	5936.240	8.10	34.87	35.04	47.76	55.69	68.20	-12.51	peak



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7.10 Frequency Stability

Test Requirement 47 CFR Part 15, Subpart E 15.407 (g)

Test Method: ANSI C63.10 (2013) Section 6.8

7.10.1 E.U.T. Operation

Operating Environment:

Temperature: 24.8 °C Humidity: 58.6 % RH Atmospheric Pressure: 1015 mbar

7.10.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	01	TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80), data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT160),data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW20); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW80), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report.
Final test	02	TX mode (U-NII-2A)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80), data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT160) data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW20); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW80), data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW160), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report.
Final test	03	TX mode (U-NII-2C)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW20); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW80), data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW160), final test modes are considering the modulation and worse data rates. Only the data



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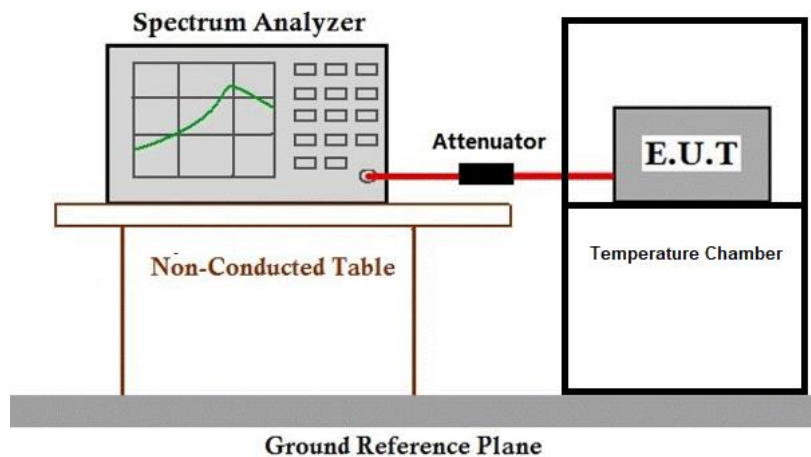
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		of worst case is recorded in the report.
Final test	04	TX mode (U-NII-3) Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW20); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW80), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report.

7.10.3 Test Setup Diagram



7.10.4 Measurement Procedure and Data

Please Refer to Appendix for Details

7.11 Radiated Emissions (Below 1GHz)

Test Requirement 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)

Test Method: KDB 789033 D02 II G

Limit:

Frequency(MHz)	Field strength(microvolts/meter)	Measurement distance(meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
960-1000	500	3

7.11.1 E.U.T. Operation

Operating Environment:

Temperature: 23.5 °C

Humidity: 47.6 % RH

Atmospheric Pressure: 1015 mbar

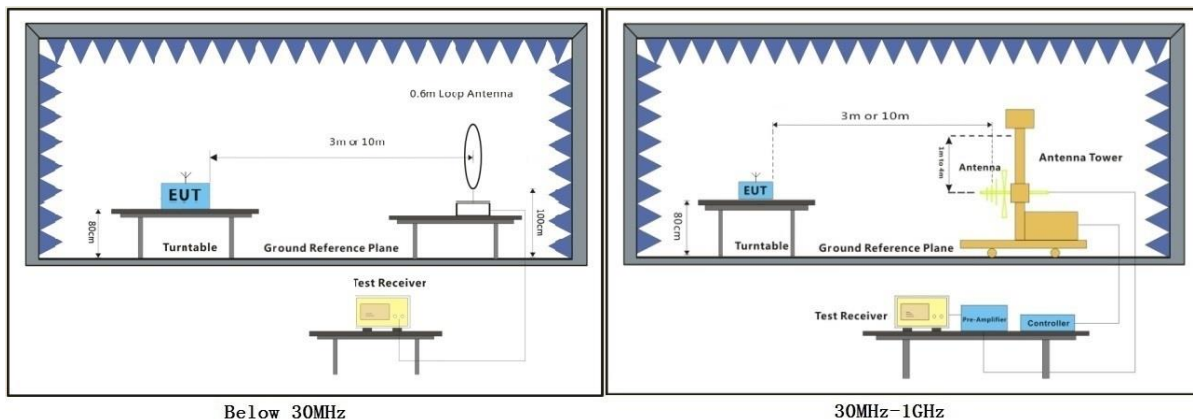
7.11.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	01	TX mode (U-NII-1) Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80),data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW20); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW80), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report.
Pre-scan	02	TX mode (U-NII-2A) Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80), data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT160); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW20); data rate @ MCS0 is the worst case of IEEE



		802.11ax(HEW40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW80), data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW160), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report.
Pre-scan	03	TX mode (U-NII-2C)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80), data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT160); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW20); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW80), data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW160), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report.
Pre-scan	04	TX mode (U-NII-3)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT160); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW20); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW80), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report.

7.11.3 Test Setup Diagram



Below 30MHz

30MHz-1GHz

7.11.4 Measurement Procedure and Data

- a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using quasi-peak method as specified and then reported in a data sheet.
- g. Test the EUT in the lowest channel, the middle channel, the Highest channel.
- h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- i. Repeat above procedures until all frequencies measured was complete.

Remark:

1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor
2. For emission below 1GHz, through the pre-scan found the worst case is the lowest channel of 802.11a. Only the worst case is recorded in the report.
3. Scan from 9kHz to 30MHz, the disturbance below 30MHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.
4. The disturbance below 1GHz was very low and the harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.



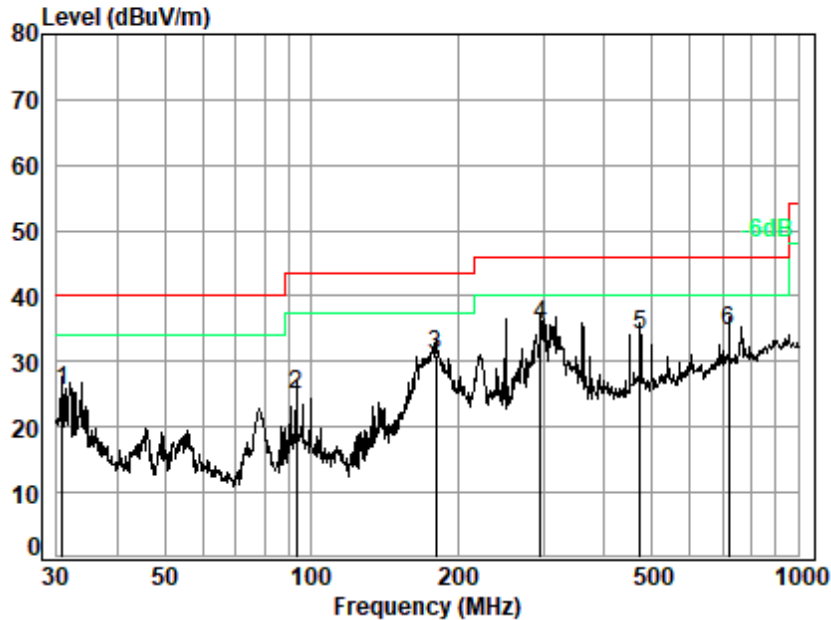
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Test Mode: 01; Polarity: Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No. : 00786AT
Test Mode: 01

	Ant	Cable	Preamp	Read		Limit	Over	
Freq	Factor	Loss	Factor	Level	Level	Line	Limit	Remark
MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1	30.75	21.00	0.63	27.23	31.22	25.62	40.00	-14.38 QP
2	93.11	12.49	1.11	27.02	38.39	24.97	43.50	-18.53 QP
3	180.65	14.66	1.58	26.68	41.56	31.12	43.50	-12.38 QP
4 q	296.18	18.42	2.10	26.22	41.23	35.53	46.00	-10.47 QP
5	473.83	23.01	2.72	26.72	34.93	33.94	46.00	-12.06 QP
6	721.73	26.82	3.48	26.61	31.10	34.79	46.00	-11.21 QP



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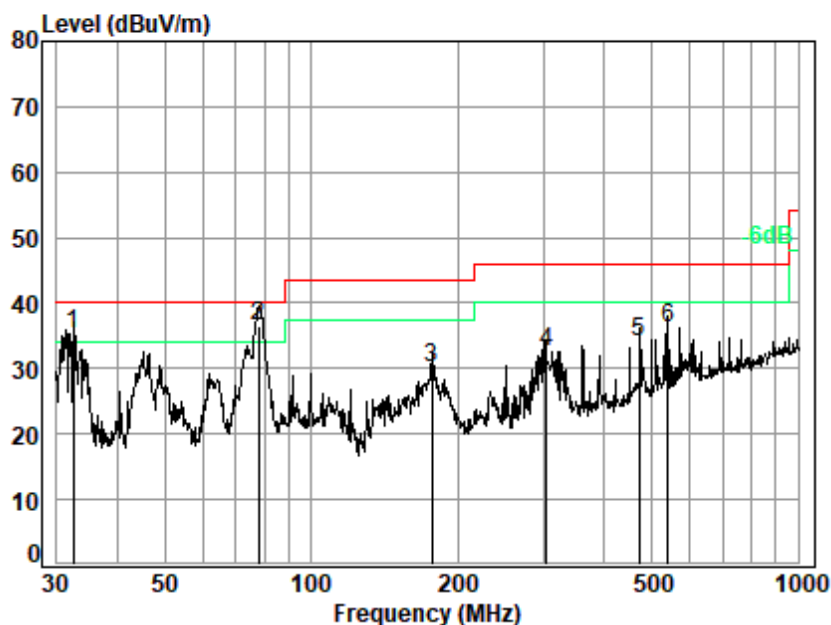
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Test Mode: 01; Polarity: Vertical



Site : chamber
Condition: 3m VERTICAL
Job No. : 00786AT
Test Mode: 01

		Ant	Cable	Preamp	Read		Limit	Over	
	Freq	Factor	Loss	Factor	Level	Level	Line	Limit	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1	32.41	19.94	0.64	27.23	41.82	35.17	40.00	-4.83	QP
2	77.87	10.50	1.00	27.07	52.12	36.55	40.00	-3.45	QP
3	176.89	14.63	1.56	26.69	40.64	30.14	43.50	-13.36	QP
4	303.54	18.92	2.13	26.21	37.63	32.47	46.00	-13.53	QP
5	472.18	22.93	2.72	26.72	35.21	34.14	46.00	-11.86	QP
6	541.37	24.27	2.94	26.92	35.86	36.15	46.00	-9.85	QP



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8 Test Setup Photo

Refer to Appendix - Test Setup Photo for SZCR2303000786AT

9 EUT Constructional Details (EUT Photos)

Refer to External and Internal Photos for SZCR2303000786AT



10 Appendix

1. Duty Cycle

1.1 Ant1

1.1.1 Test Result

Ant1									
Mode	Tx Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5180	/	/	1.396	1.453	96.08	0.17	0.03
		5200	/	/	1.397	1.453	96.15	0.17	0.07
		5240	/	/	1.397	1.453	96.15	0.17	0.07
		5260	/	/	1.397	1.453	96.15	0.17	0.03
		5300	/	/	1.396	1.454	96.01	0.18	0.03
		5320	/	/	1.396	1.452	96.14	0.17	0.03
		5500	/	/	1.396	1.452	96.14	0.17	0.00
		5580	/	/	1.396	1.454	96.01	0.18	0.03
		5700	/	/	1.397	1.454	96.08	0.17	0.03
		5745	/	/	1.396	1.453	96.08	0.17	0.00
		5785	/	/	1.396	1.453	96.08	0.17	0.03
		5825	/	/	1.396	1.453	96.08	0.17	0.03
802.11n (HT20)	MIMO	5180	/	/	1.309	1.365	95.90	0.18	0.03
		5200	/	/	1.309	1.365	95.90	0.18	0.03
		5240	/	/	1.309	1.366	95.83	0.19	0.03
		5260	/	/	1.308	1.364	95.89	0.18	0.03
		5300	/	/	1.308	1.365	95.82	0.19	0.03
		5320	/	/	1.309	1.365	95.90	0.18	0.03
		5500	/	/	1.309	1.365	95.90	0.18	0.03
		5580	/	/	1.309	1.364	95.97	0.18	0.04
		5700	/	/	1.309	1.365	95.90	0.18	0.00
		5745	/	/	1.309	1.365	95.90	0.18	0.03
		5785	/	/	1.309	1.365	95.90	0.18	0.07
		5825	/	/	1.308	1.364	95.89	0.18	0.03
802.11n (HT40)	MIMO	5190	/	/	0.648	0.705	91.91	0.37	0.07
		5230	/	/	0.650	0.706	92.07	0.36	0.06
		5270	/	/	0.649	0.706	91.93	0.37	0.06

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		5310	/	/	0.648	0.705	91.91	0.37	0.04
		5510	/	/	0.649	0.705	92.06	0.36	0.03
		5550	/	/	0.649	0.705	92.06	0.36	0.03
		5670	/	/	0.649	0.705	92.06	0.36	0.03
		5755	/	/	0.649	0.705	92.06	0.36	0.03
		5795	/	/	0.648	0.705	91.91	0.37	0.06
802.11ac (VHT20)	MIMO	5180	/	/	0.480	0.537	89.39	0.49	0.09
		5200	/	/	0.481	0.537	89.57	0.48	0.03
		5240	/	/	0.481	0.538	89.41	0.49	0.09
		5260	/	/	0.483	0.537	89.94	0.46	0.06
		5300	/	/	0.481	0.537	89.57	0.48	0.06
		5320	/	/	0.480	0.537	89.39	0.49	0.09
		5500	/	/	0.483	0.537	89.94	0.46	0.09
		5580	/	/	0.480	0.537	89.39	0.49	0.06
		5700	/	/	0.480	0.537	89.39	0.49	0.06
		5745	/	/	0.480	0.537	89.39	0.49	0.06
		5785	/	/	0.481	0.537	89.57	0.48	0.09
		5825	/	/	0.481	0.537	89.57	0.48	0.09
802.11ac (VHT40)	MIMO	5190	/	/	0.261	0.317	82.33	0.84	0.03
		5230	/	/	0.261	0.317	82.33	0.84	0.09
		5270	/	/	0.261	0.317	82.33	0.84	0.06
		5310	/	/	0.262	0.317	82.65	0.83	0.09
		5510	/	/	0.260	0.317	82.02	0.86	0.06
		5550	/	/	0.261	0.317	82.33	0.84	0.10
		5670	/	/	0.261	0.317	82.33	0.84	0.07
		5755	/	/	0.261	0.317	82.33	0.84	0.09
		5795	/	/	0.261	0.317	82.33	0.84	0.06
802.11ac (VHT80)	MIMO	5210	/	/	0.148	0.204	72.55	1.39	0.03
		5290	/	/	0.149	0.205	72.68	1.39	0.10
		5530	/	/	0.148	0.205	72.20	1.41	0.12
		5610	/	/	0.148	0.205	72.20	1.41	0.07
		5775	/	/	0.148	0.205	72.20	1.41	0.04
802.11ac (VHT160)	MIMO	5570	/	/	0.101	0.151	66.89	1.75	0.09
		5250	/	/	0.100	0.150	66.67	1.76	0.13
802.11ax (HEW20)	MIMO	5180	RU242	Left	0.430	0.486	88.48	0.53	0.07
		5200	RU242	Left	0.429	0.485	88.45	0.53	0.10
		5240	RU242	Left	0.432	0.486	88.89	0.51	0.07
		5260	RU242	Left	1.382	1.438	96.11	0.17	0.00
		5300	RU242	Left	1.381	1.437	96.10	0.17	0.03
		5320	RU242	Left	1.382	1.438	96.11	0.17	0.03



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		5500	RU242	Left	1.381	1.438	96.04	0.18	0.03
		5580	RU242	Left	1.381	1.438	96.04	0.18	0.03
		5700	RU242	Left	1.382	1.438	96.11	0.17	0.03
		5745	RU242	Left	2.650	2.707	97.89	0.09	0.03
		5785	RU242	Left	2.650	2.707	97.89	0.09	0.03
		5825	RU242	Left	2.650	2.707	97.89	0.09	0.03
802.11ax (HEW40)	MIMO	5190	RU484	Left	0.273	0.327	83.49	0.78	0.09
		5230	RU484	Left	0.270	0.326	82.82	0.82	0.12
		5270	RU484	Left	0.746	0.803	92.90	0.32	0.07
		5310	RU484	Left	0.747	0.803	93.03	0.31	0.03
		5510	RU484	Left	0.746	0.802	93.02	0.31	0.03
		5550	RU484	Left	0.746	0.803	92.90	0.32	0.03
		5670	RU484	Left	0.746	0.803	92.90	0.32	0.03
		5755	RU484	Left	1.378	1.434	96.09	0.17	0.03
802.11ax (HEW80)	MIMO	5795	RU484	Left	1.378	1.434	96.09	0.17	0.03
		5210	RU996	Left	0.411	0.468	87.82	0.56	0.10
		5290	RU996	Left	0.412	0.469	87.85	0.56	0.07
		5530	RU996	Left	0.414	0.468	88.46	0.53	0.08
		5610	RU996	Left	0.411	0.468	87.82	0.56	0.10
802.11ax (HEW160)	MIMO	5775	RU996	Left	0.411	0.468	87.82	0.56	0.07
		5570	2xRU996	Left	0.411	0.462	88.96	0.51	0.07
		5250	2xRU996	Left	0.413	0.461	89.59	0.48	0.07

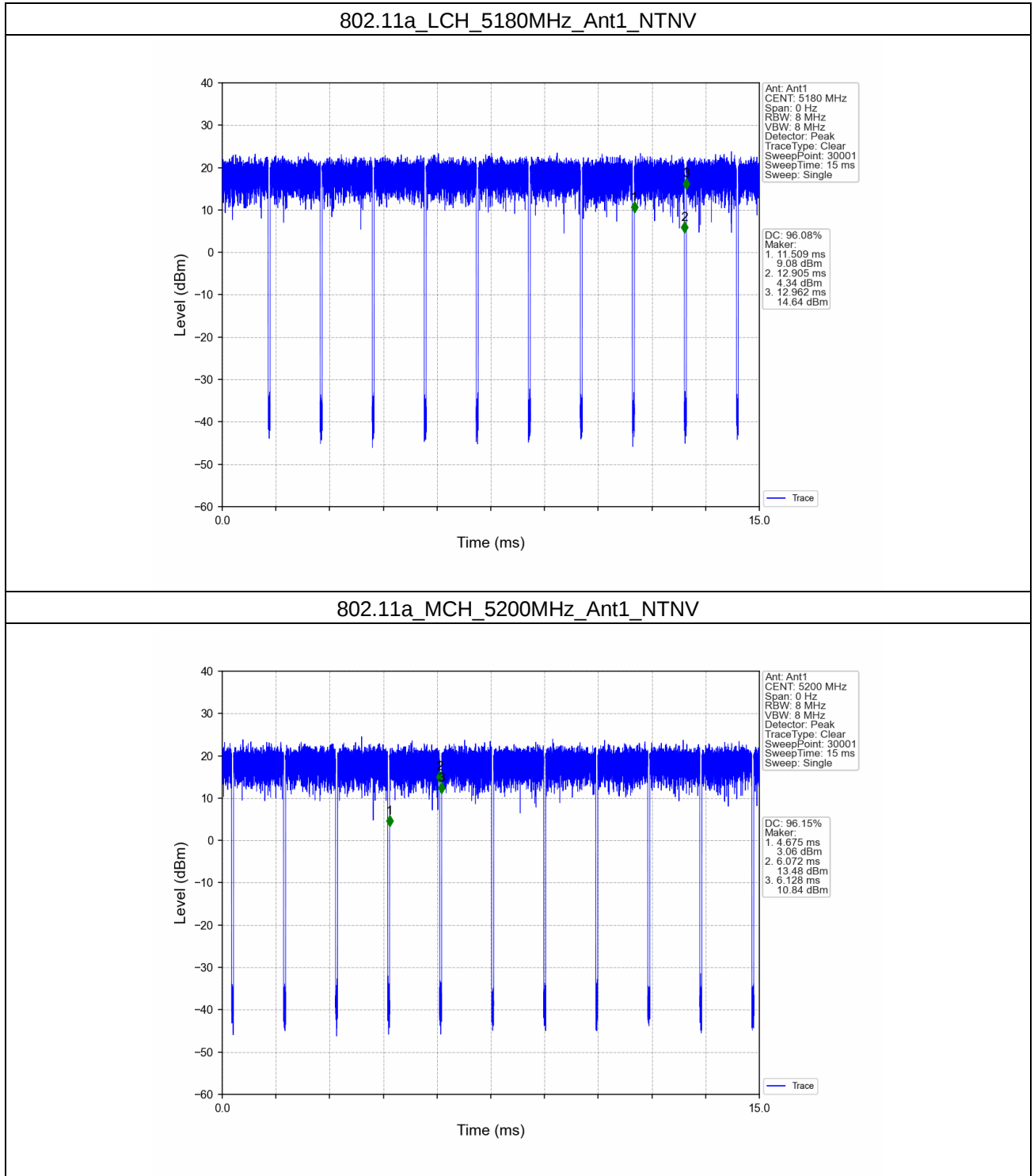


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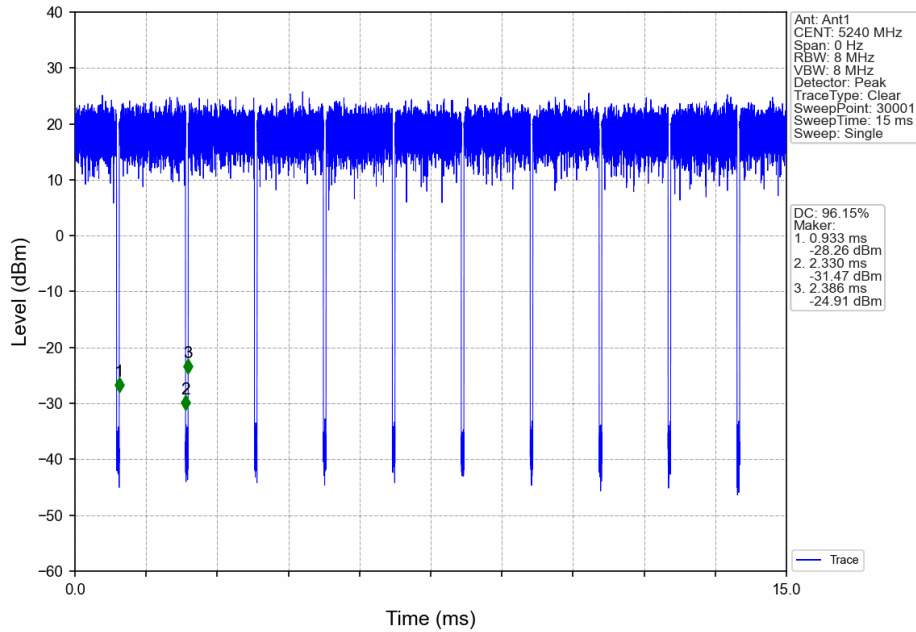
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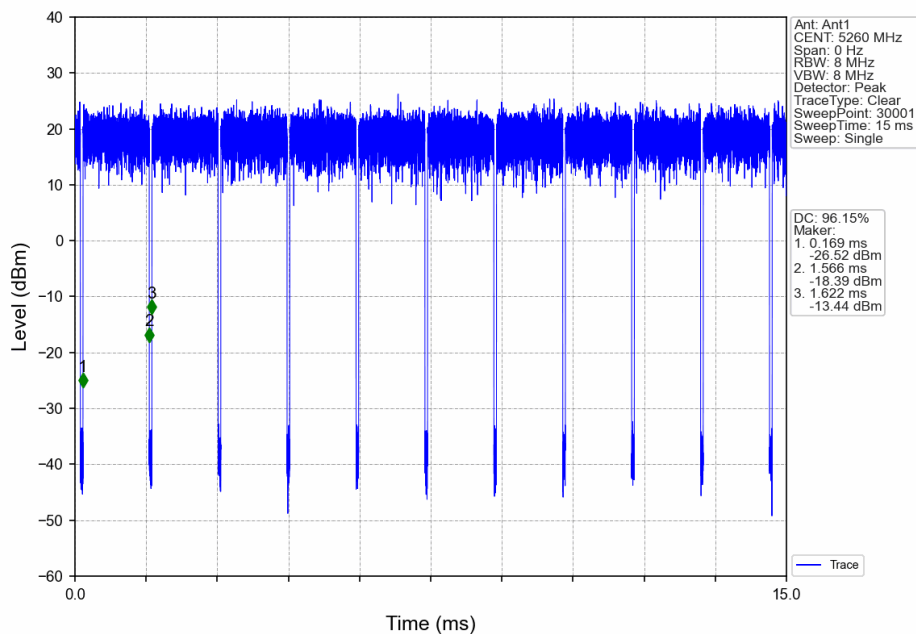
1.1.2 Test Graph



802.11a_HCH_5240MHz_Ant1_NTNV



802.11a_LCH_5260MHz_Ant1_NTNV



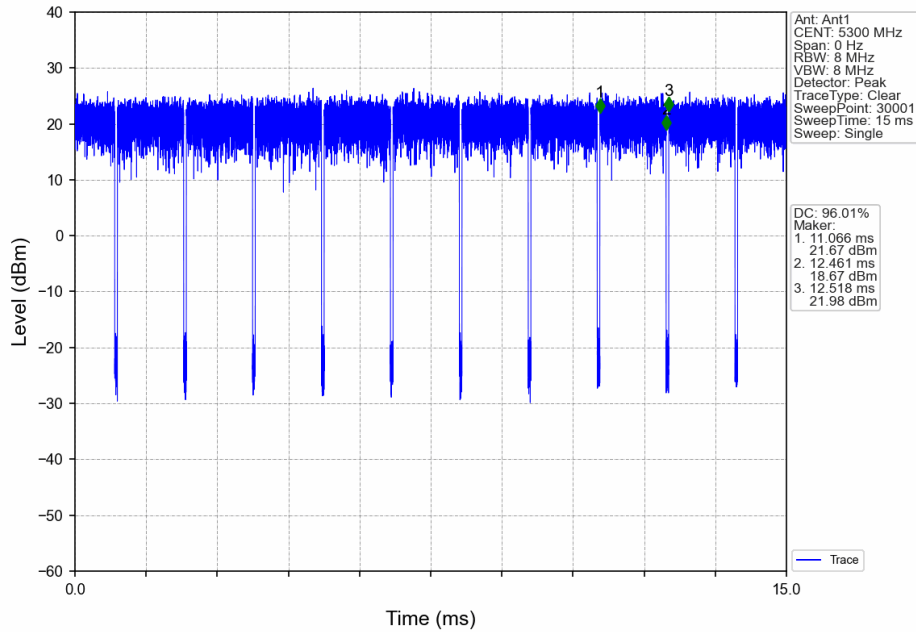
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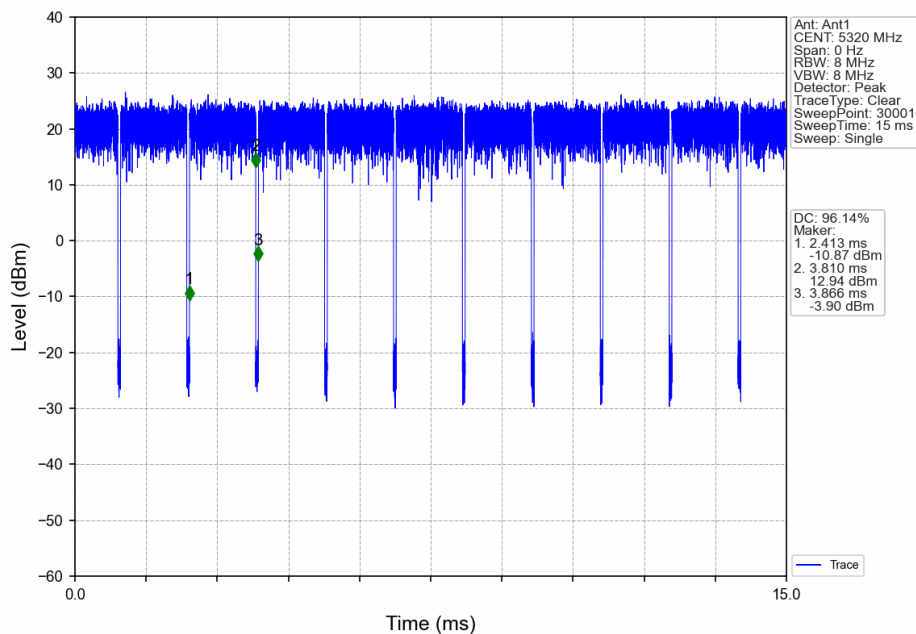
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802.11a_MCH_5300MHz_Ant1_NTNV



802.11a_HCH_5320MHz_Ant1_NTNV



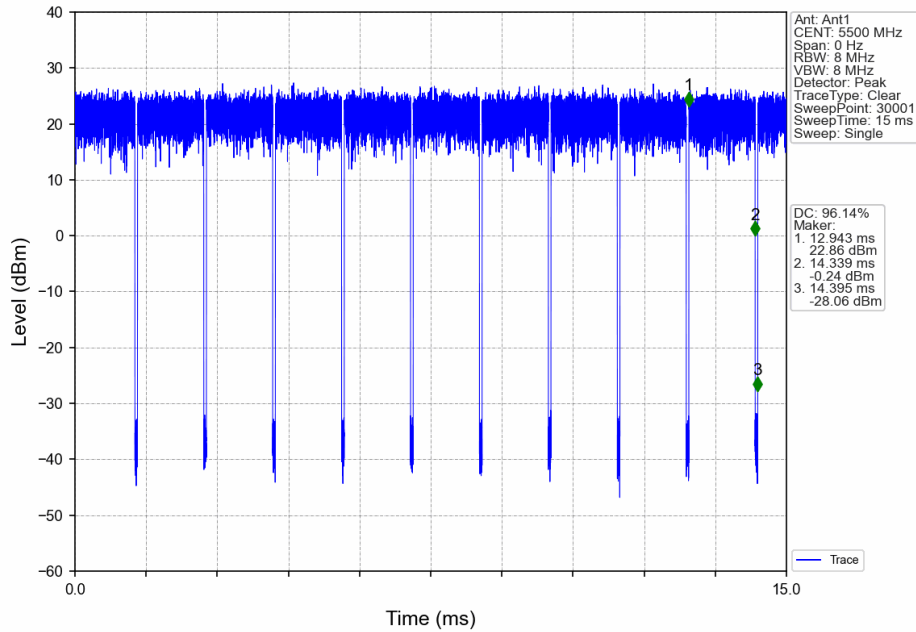
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

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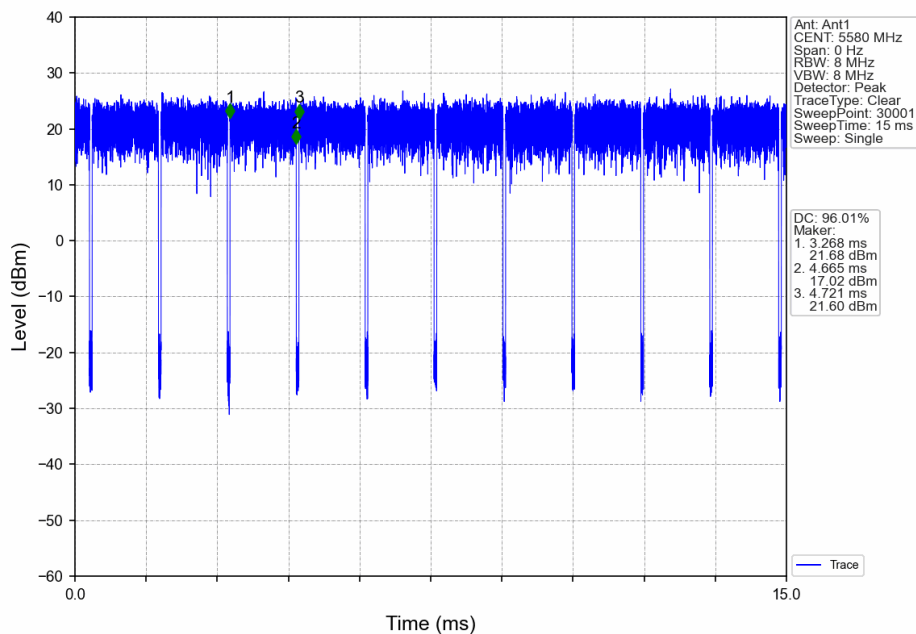
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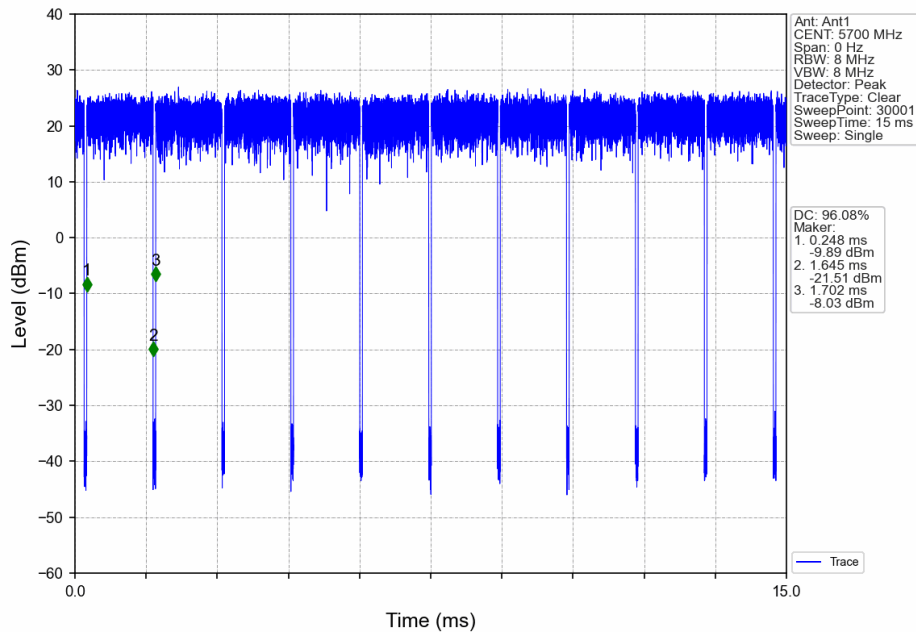
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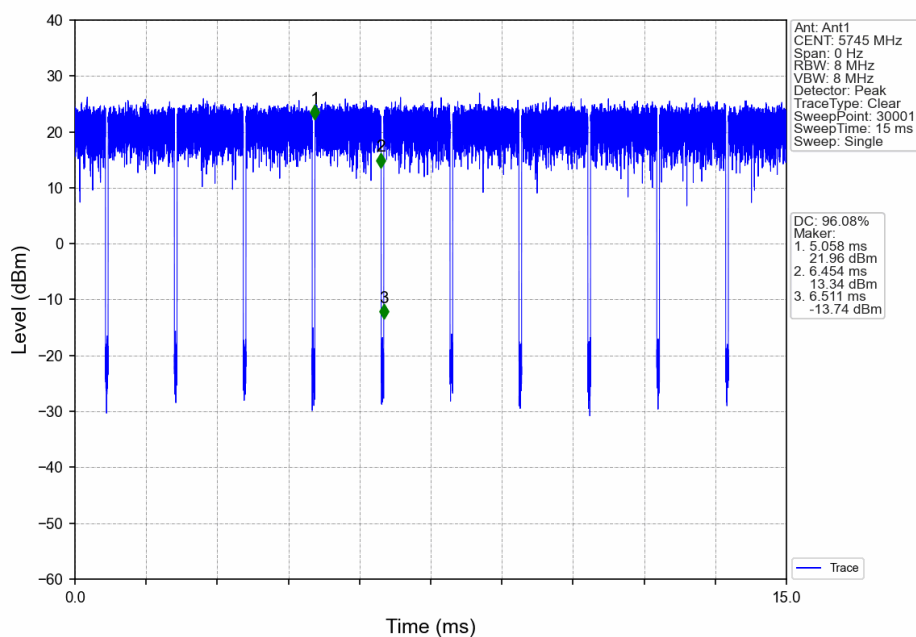
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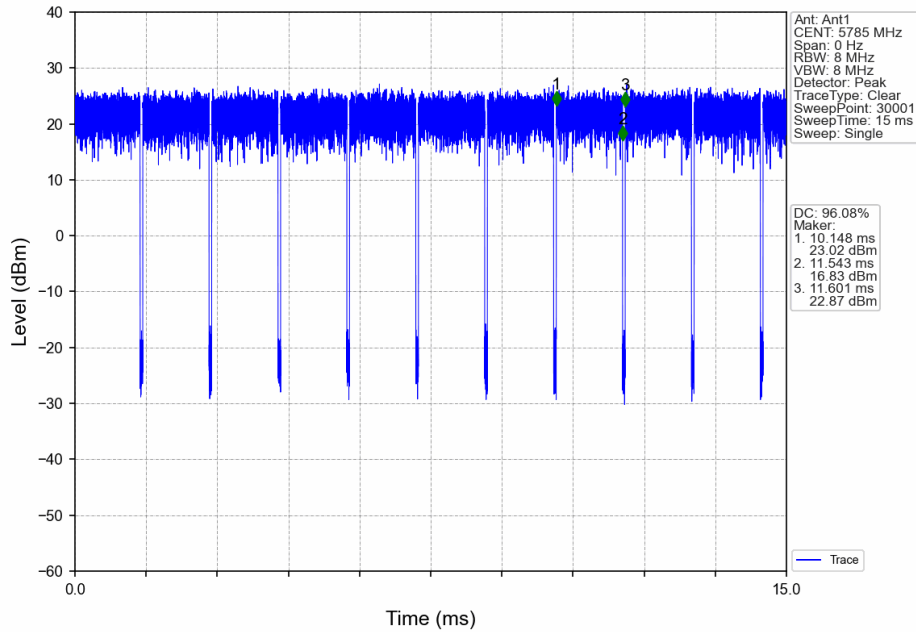
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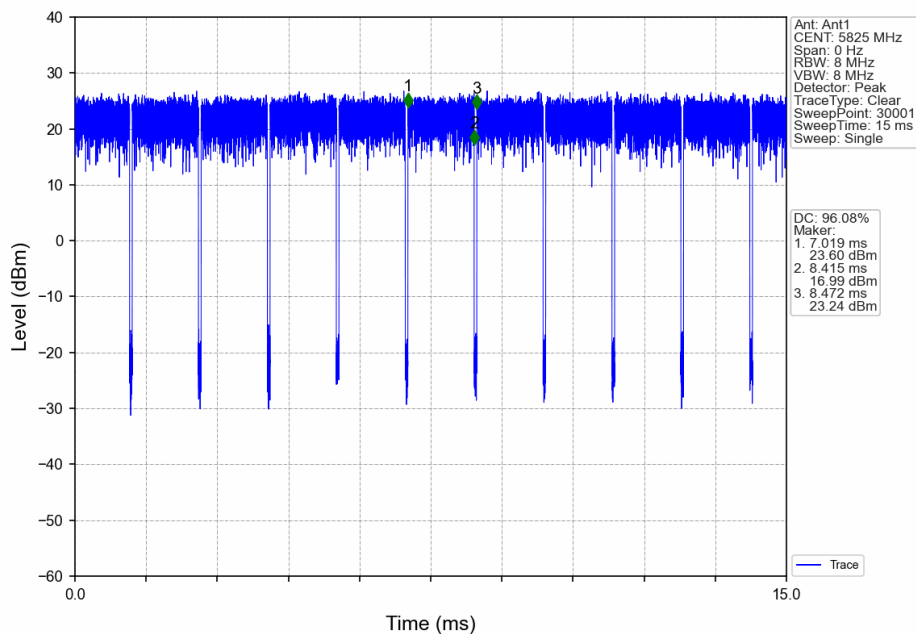
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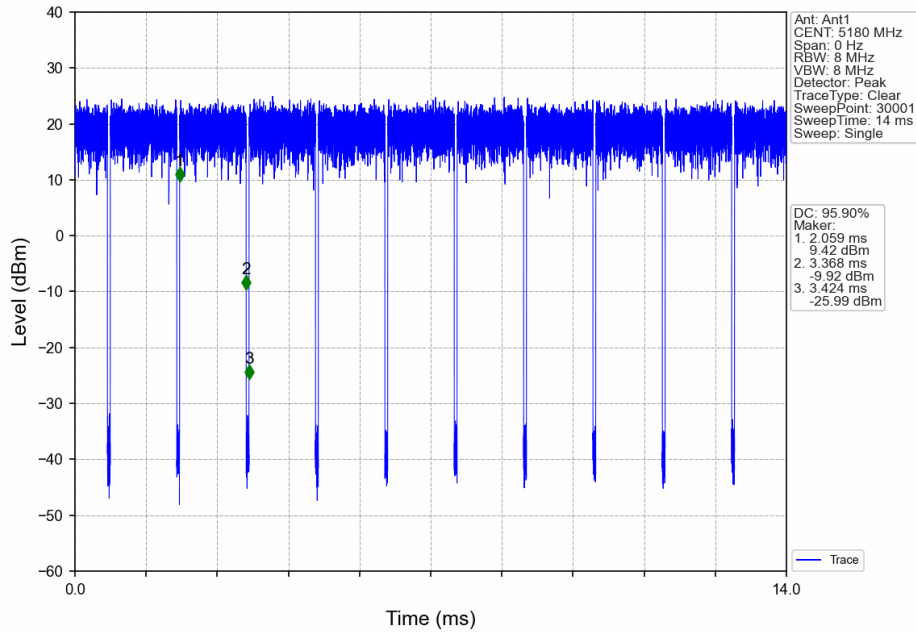
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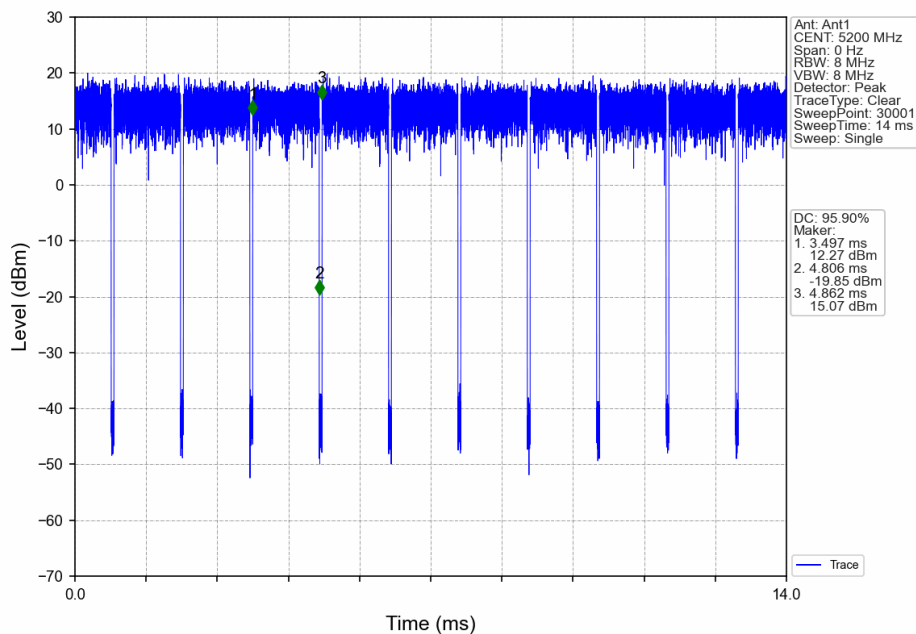
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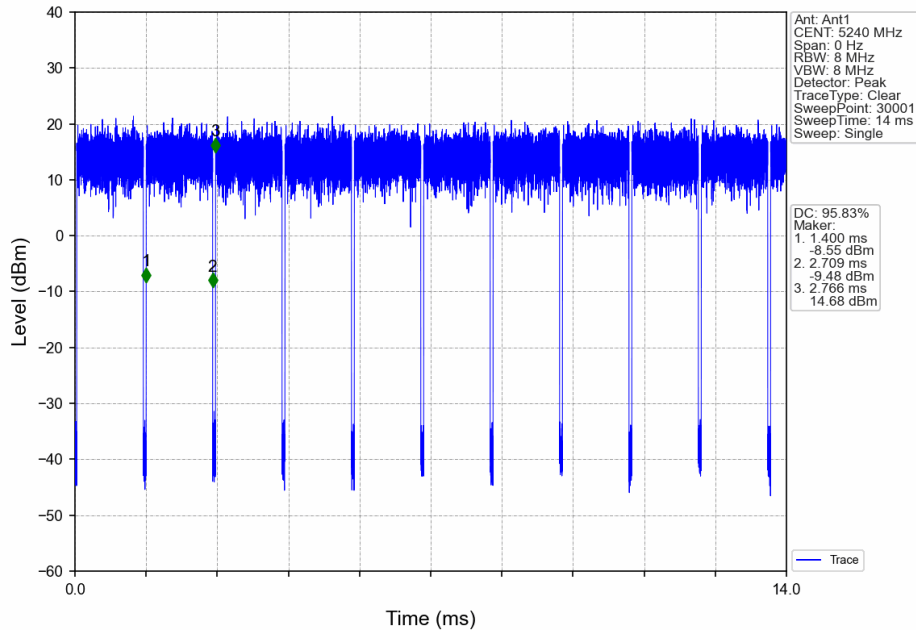
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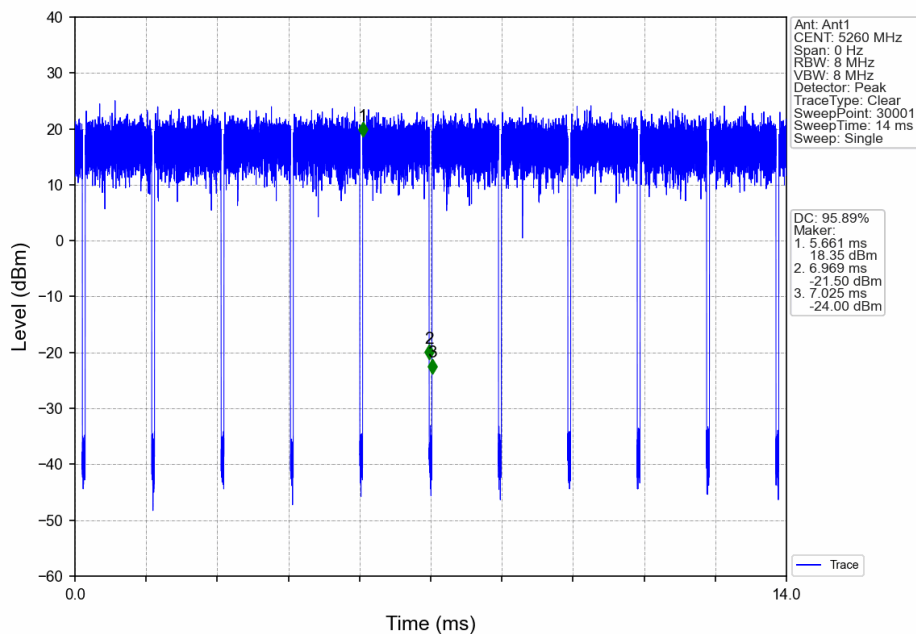
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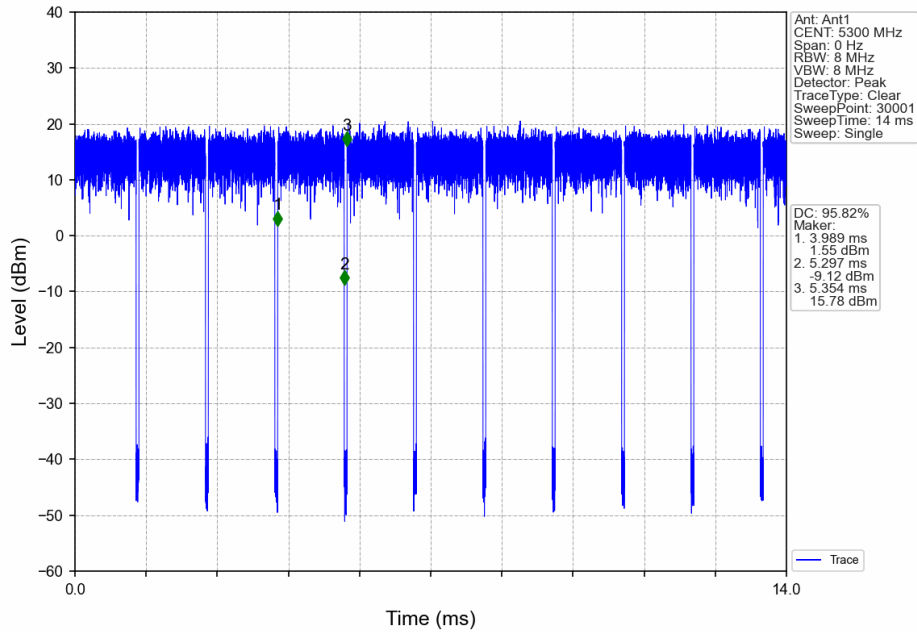
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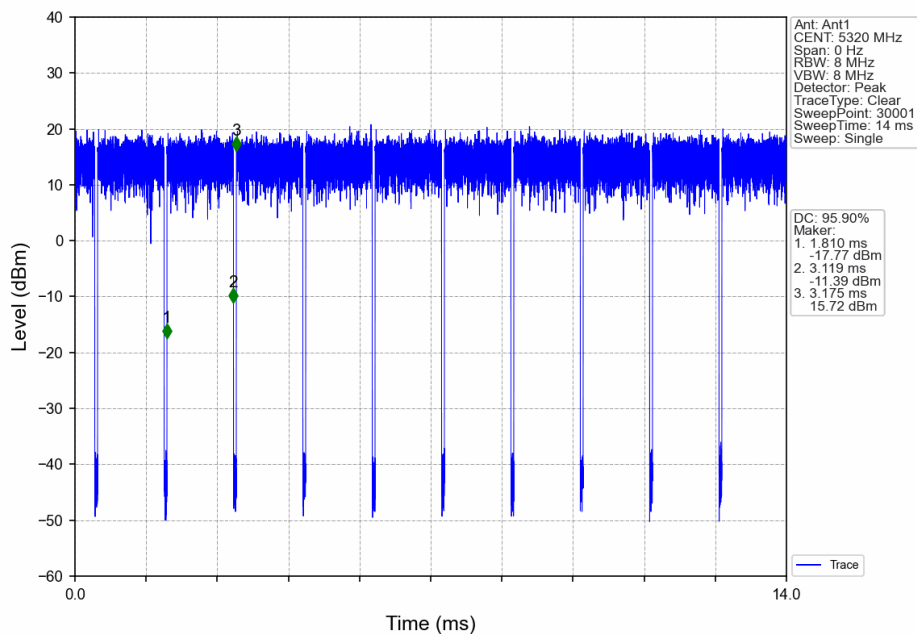
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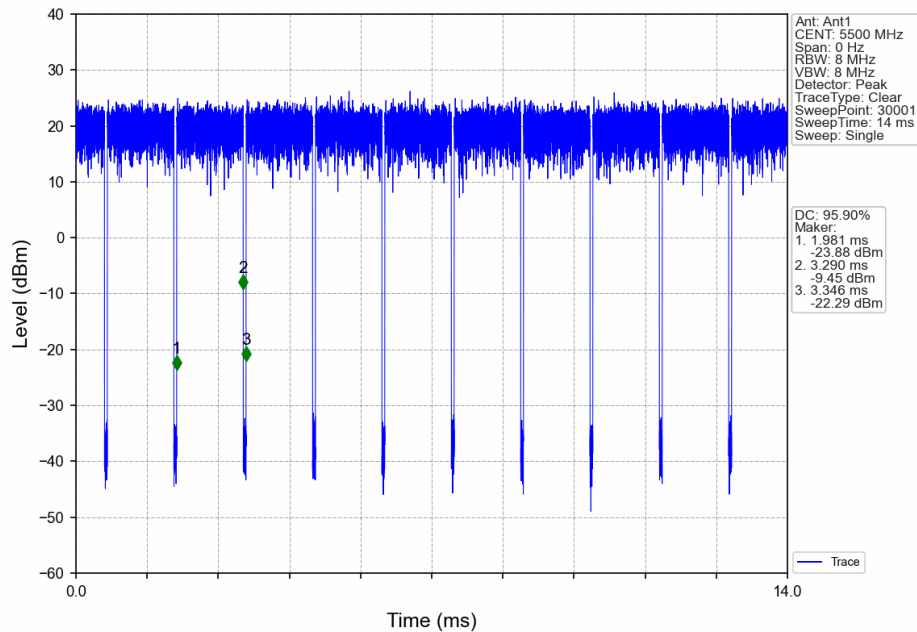
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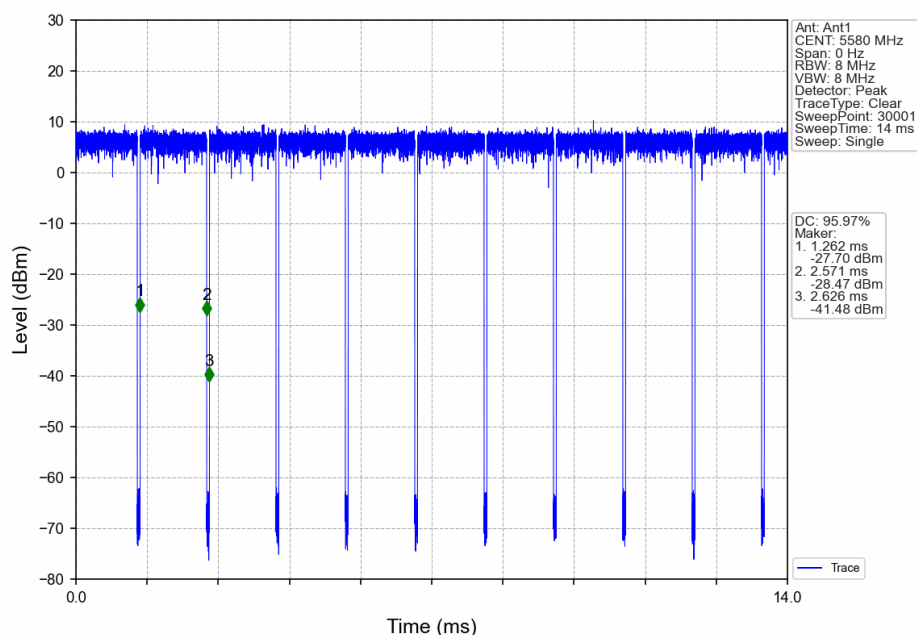
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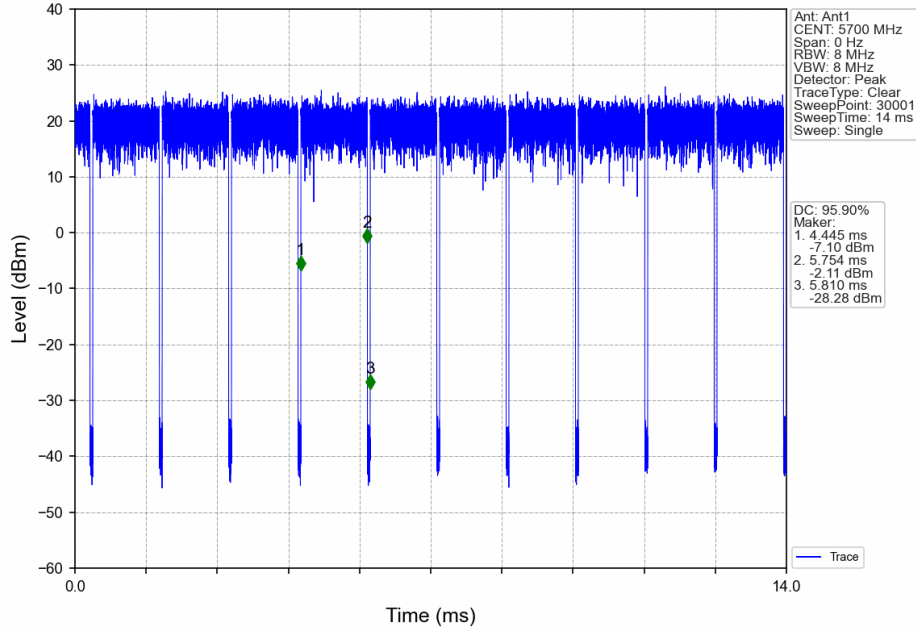
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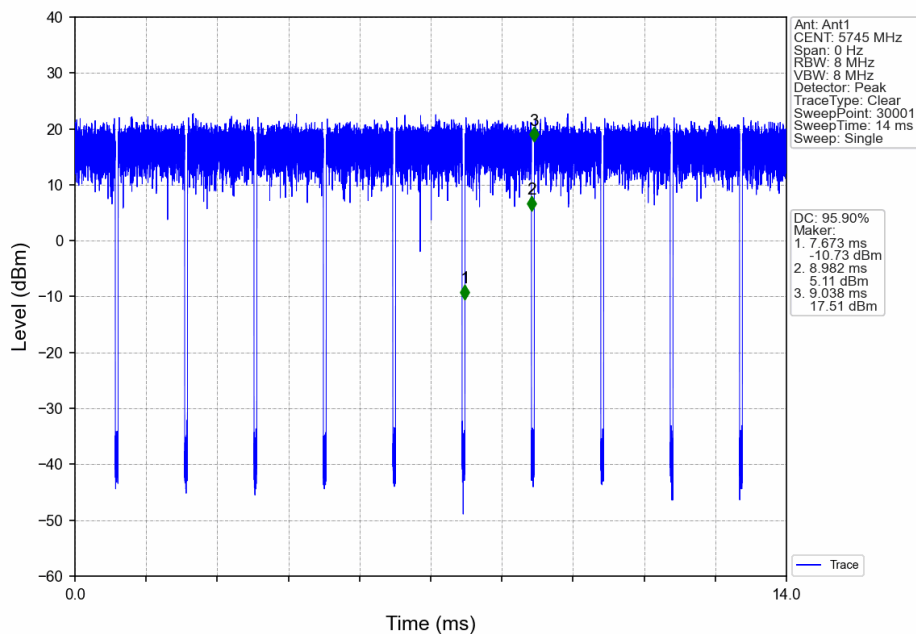
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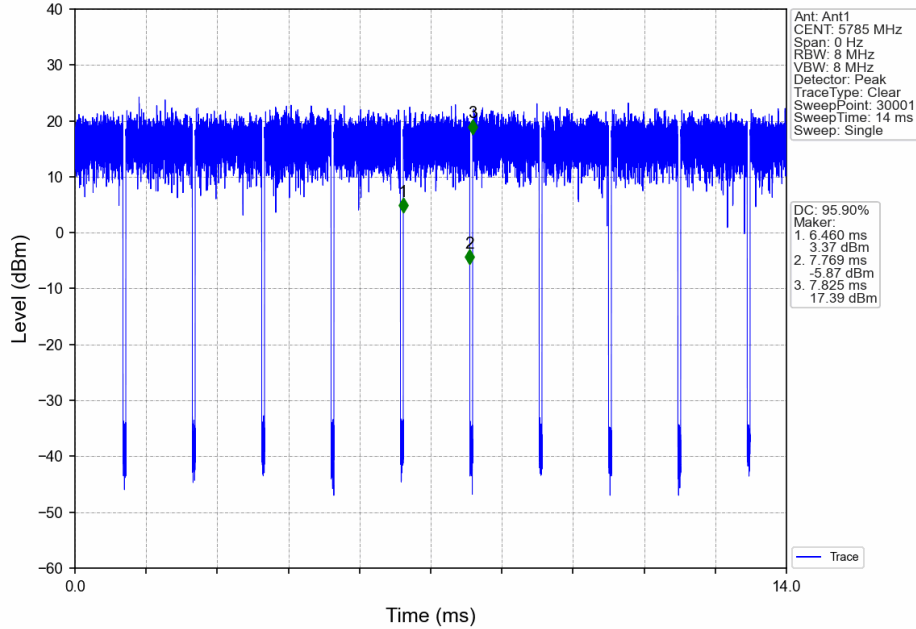
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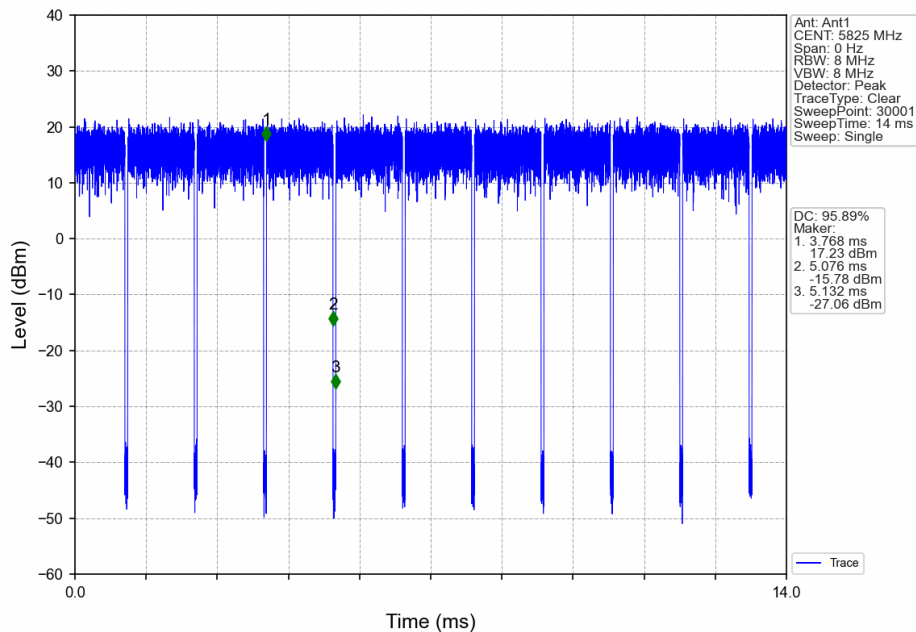
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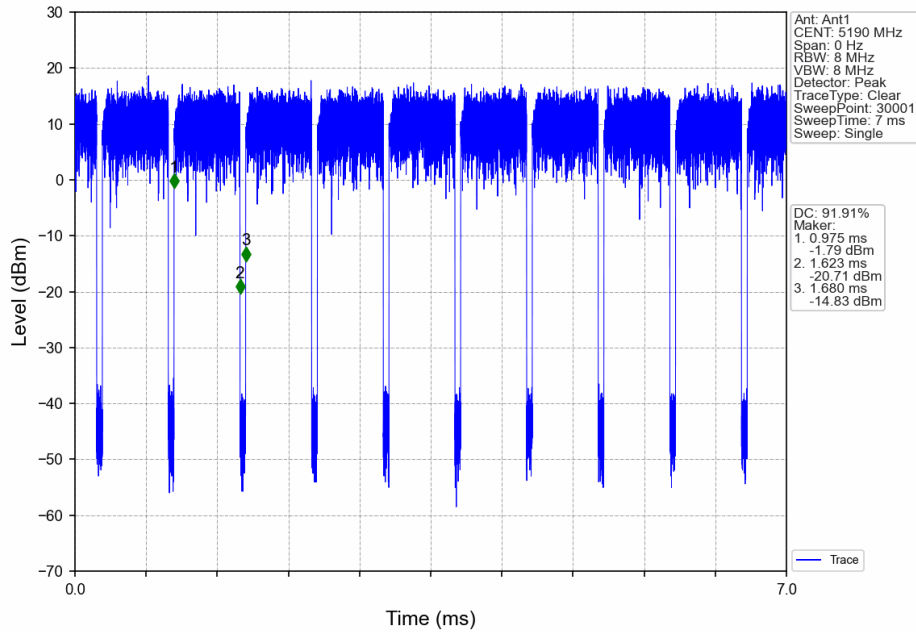
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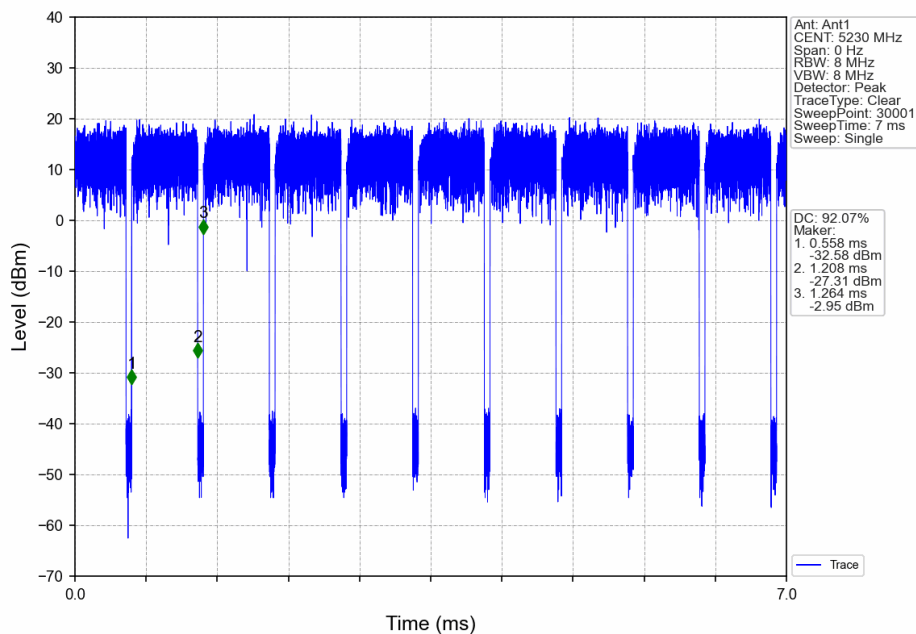
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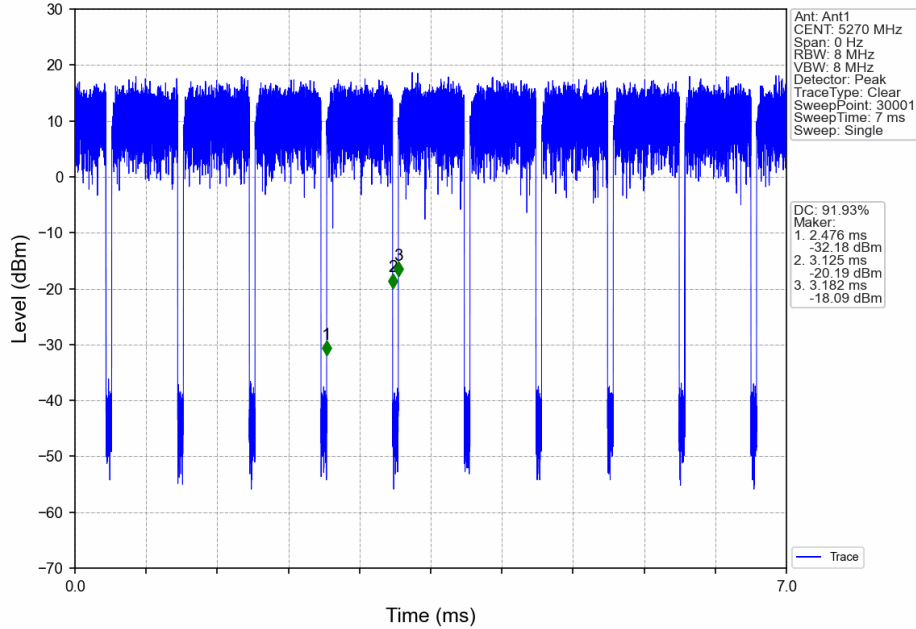
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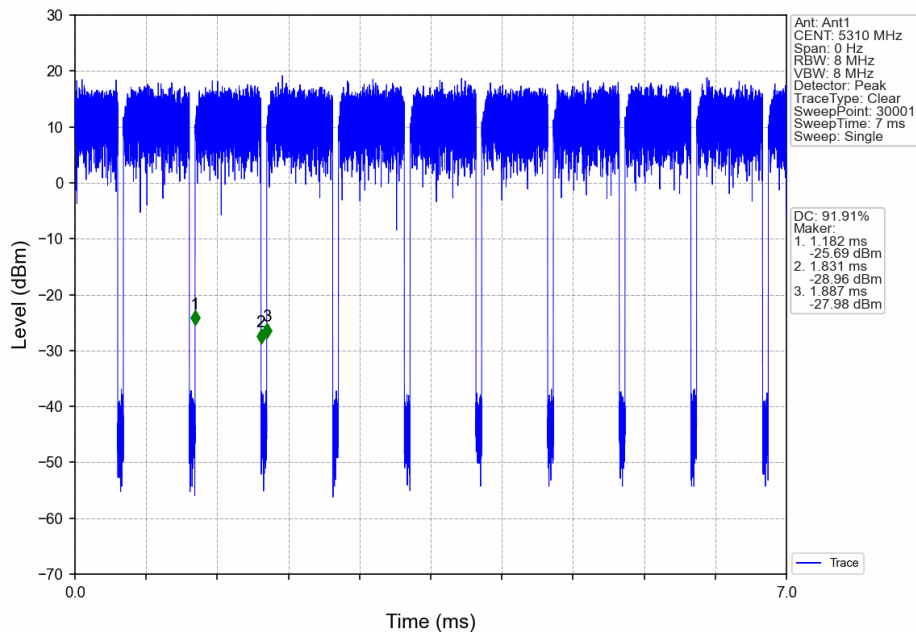
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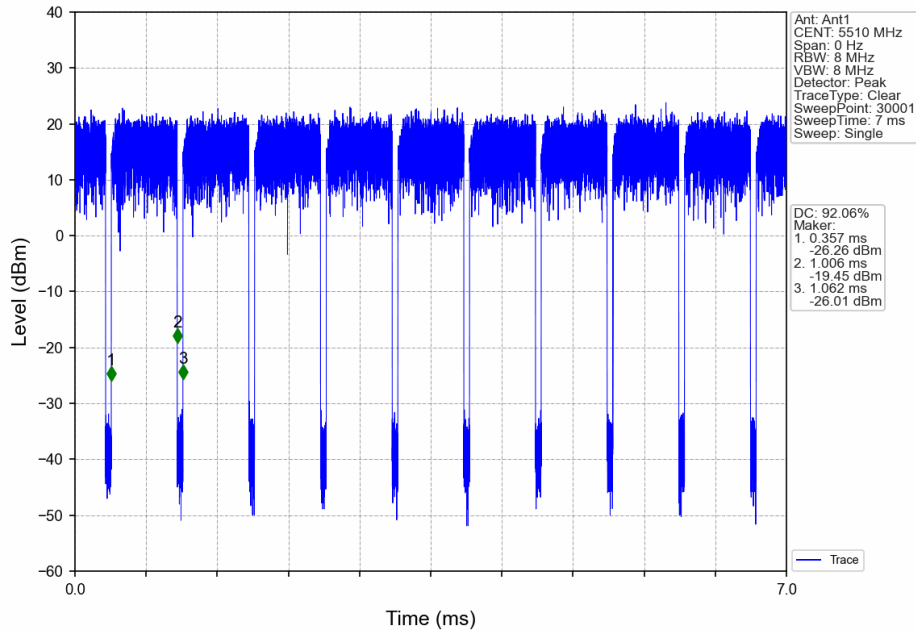
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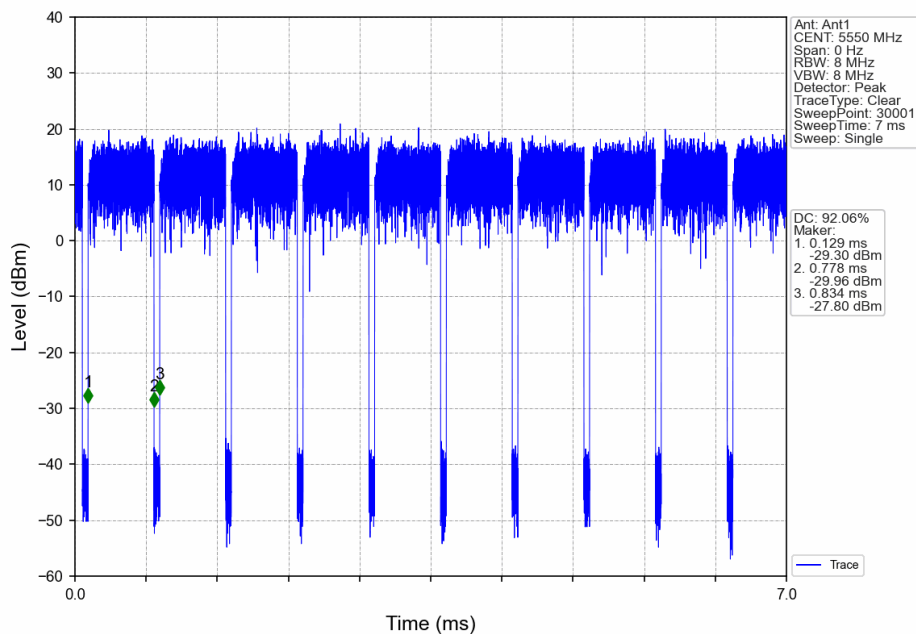
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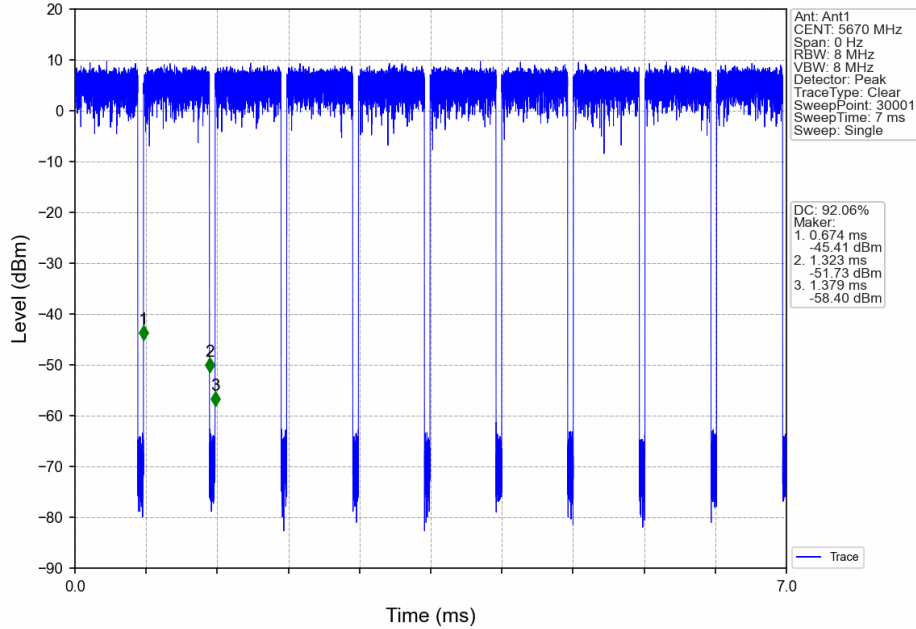
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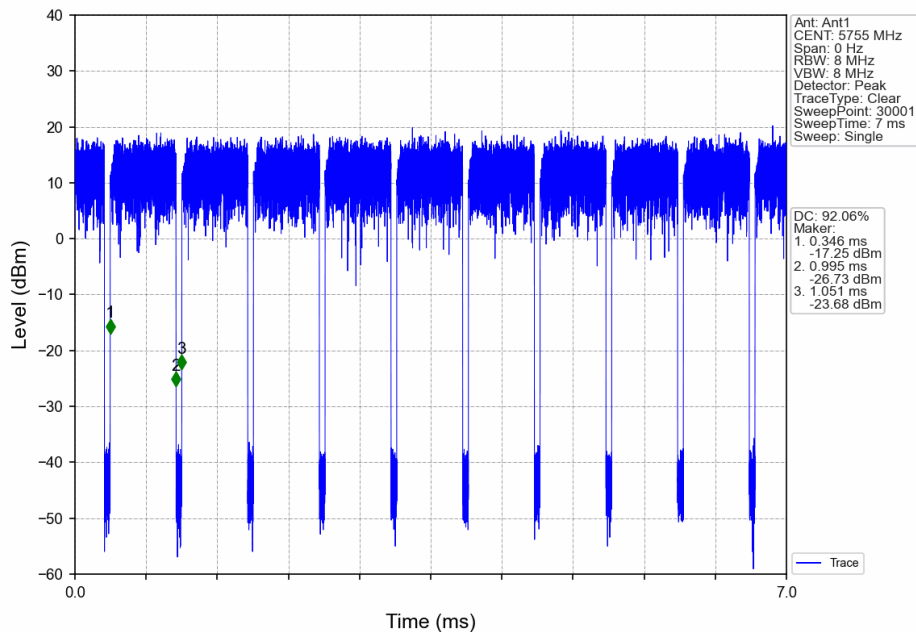
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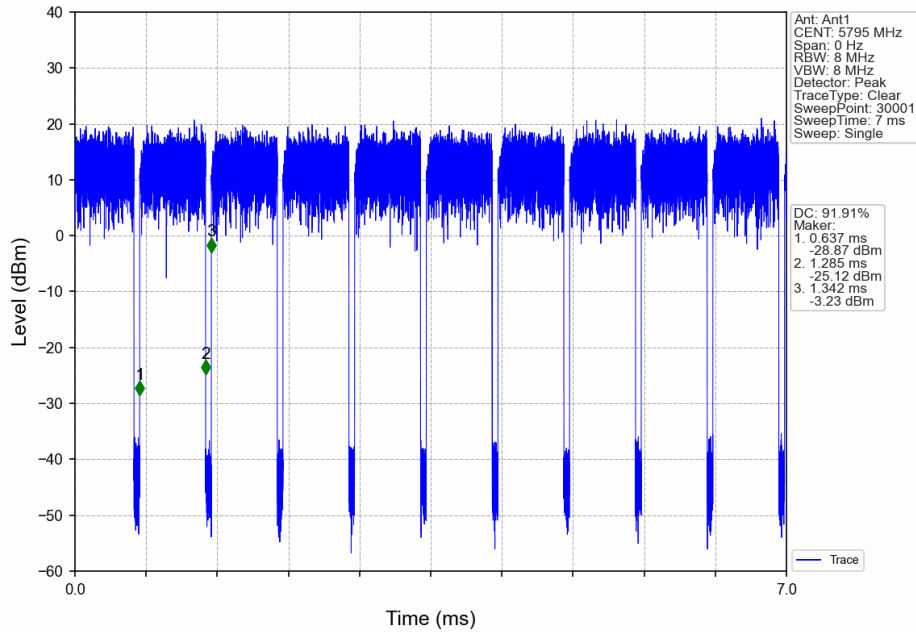
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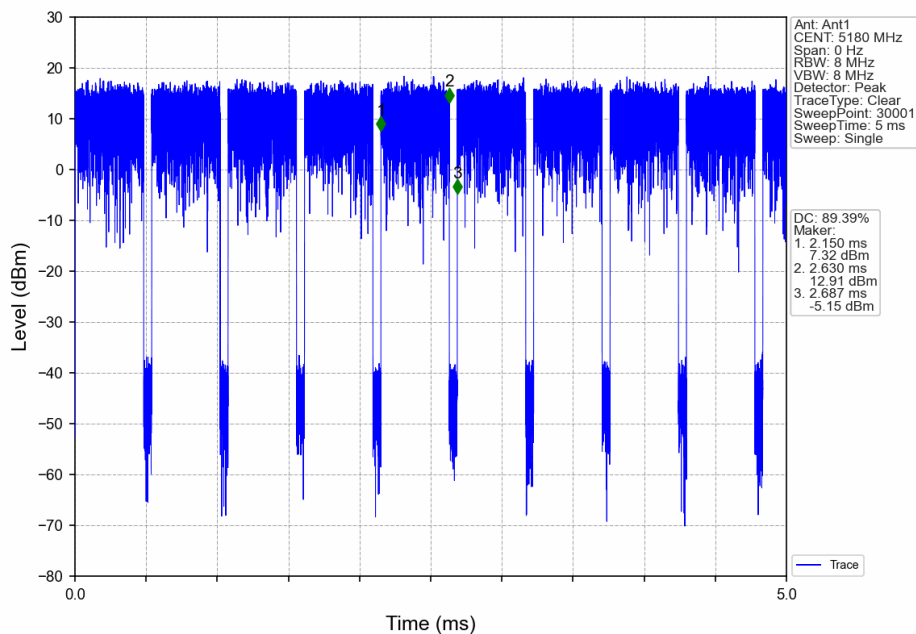
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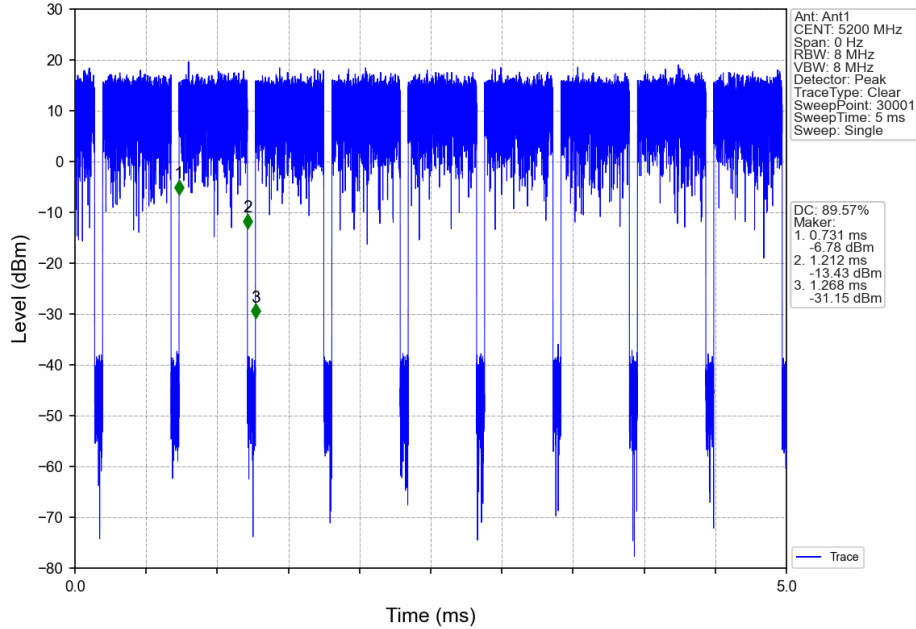
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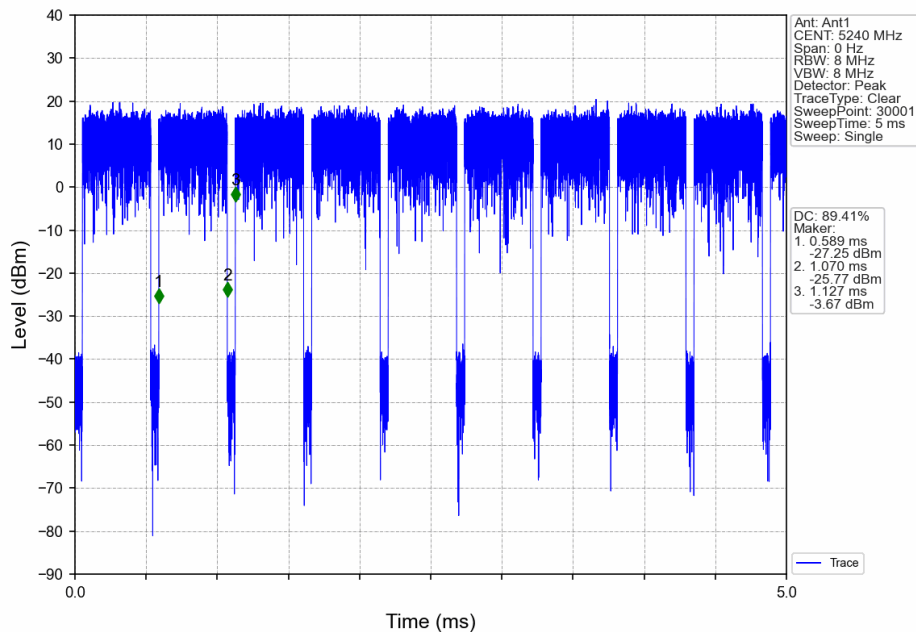
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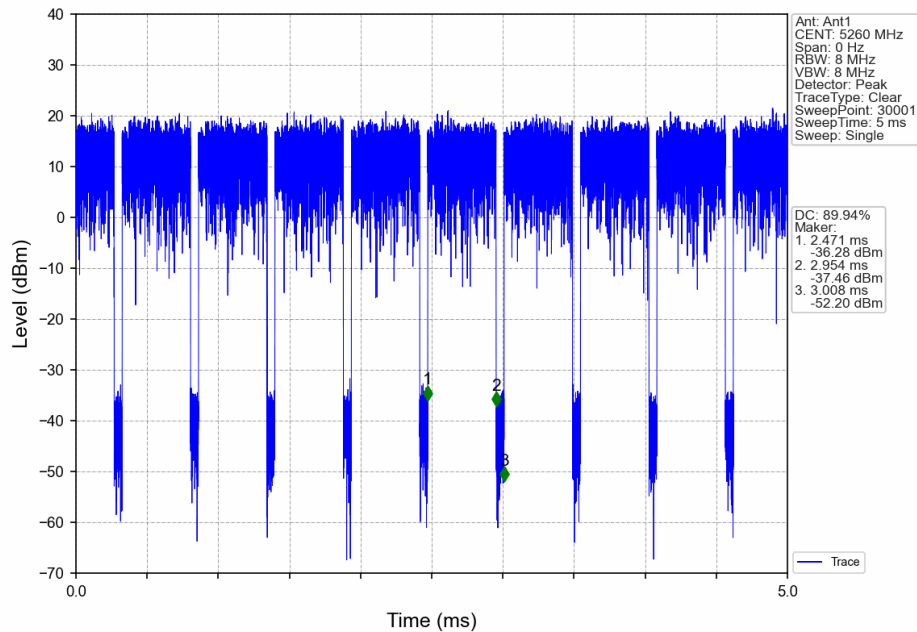
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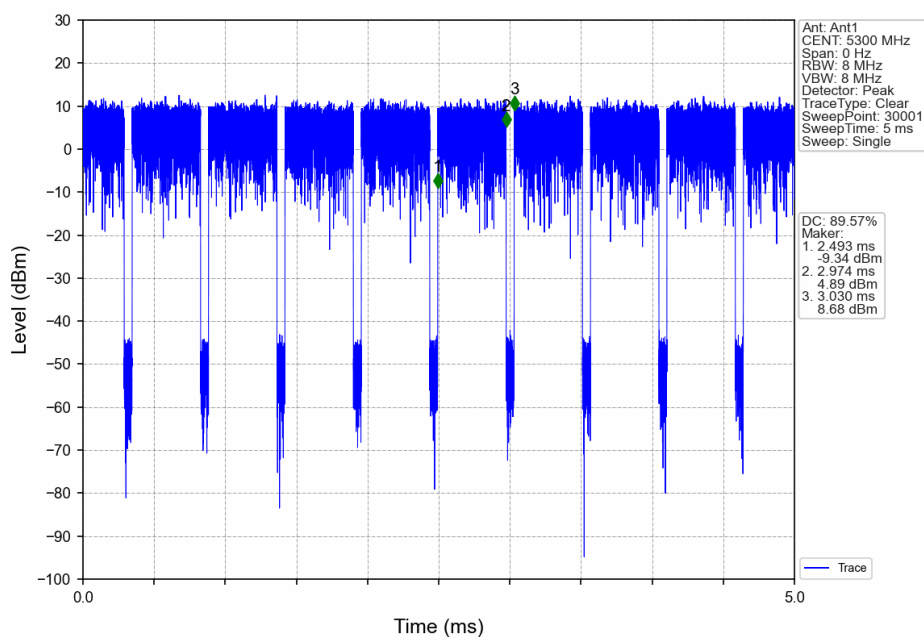
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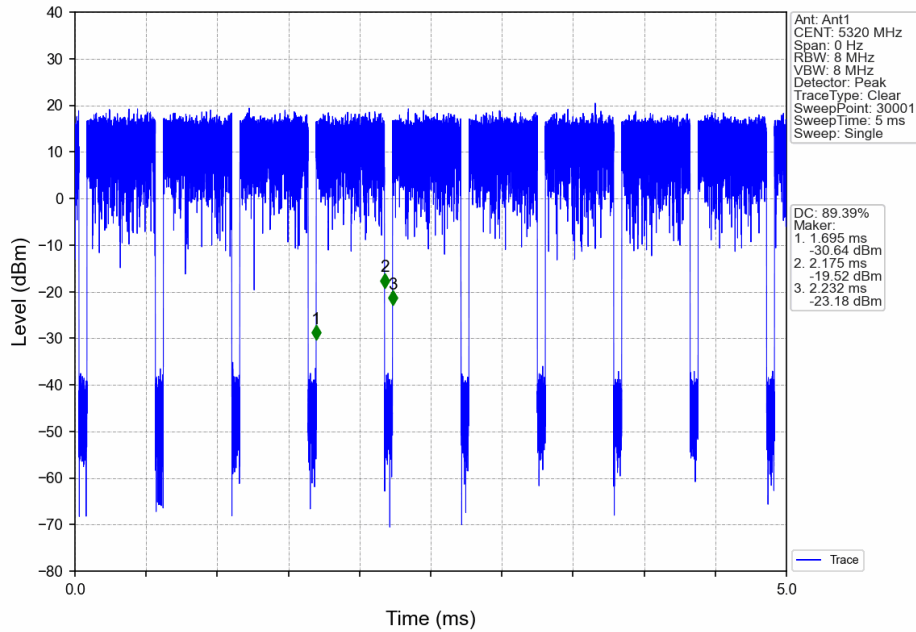
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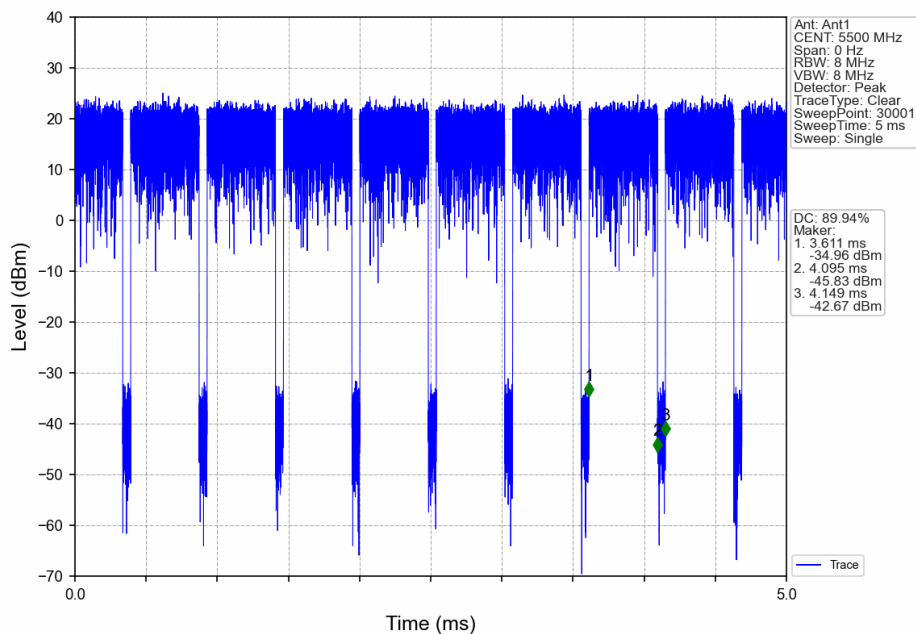
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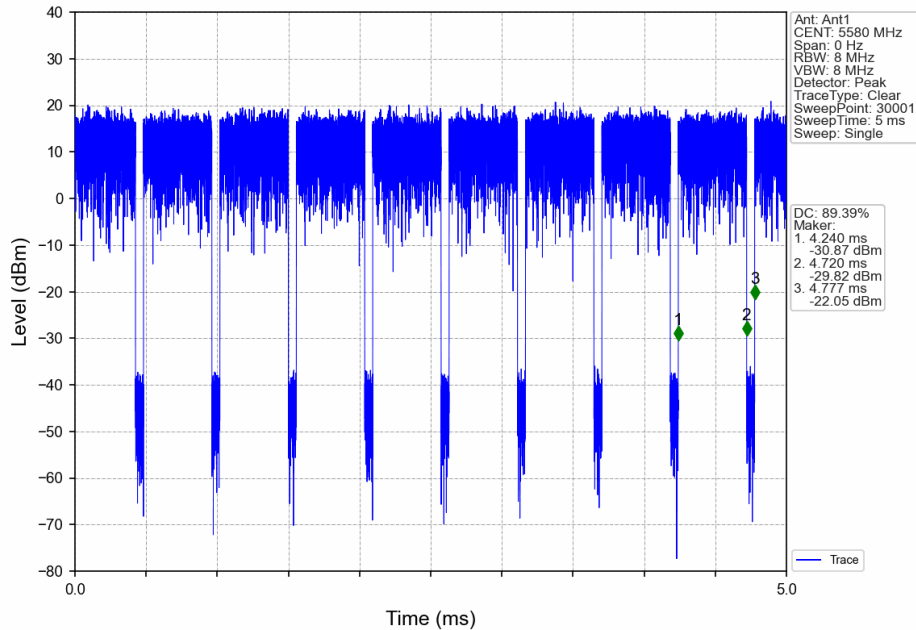
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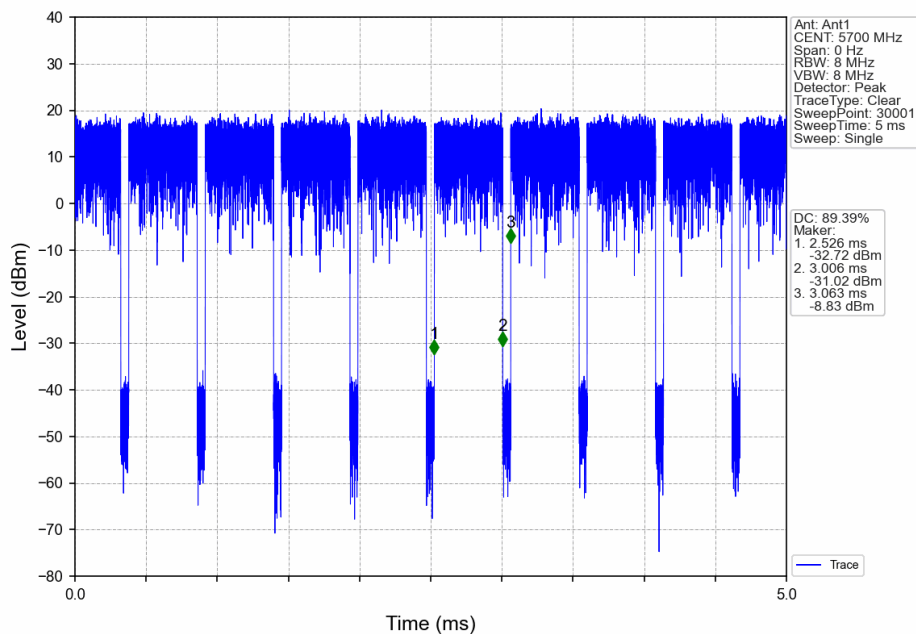
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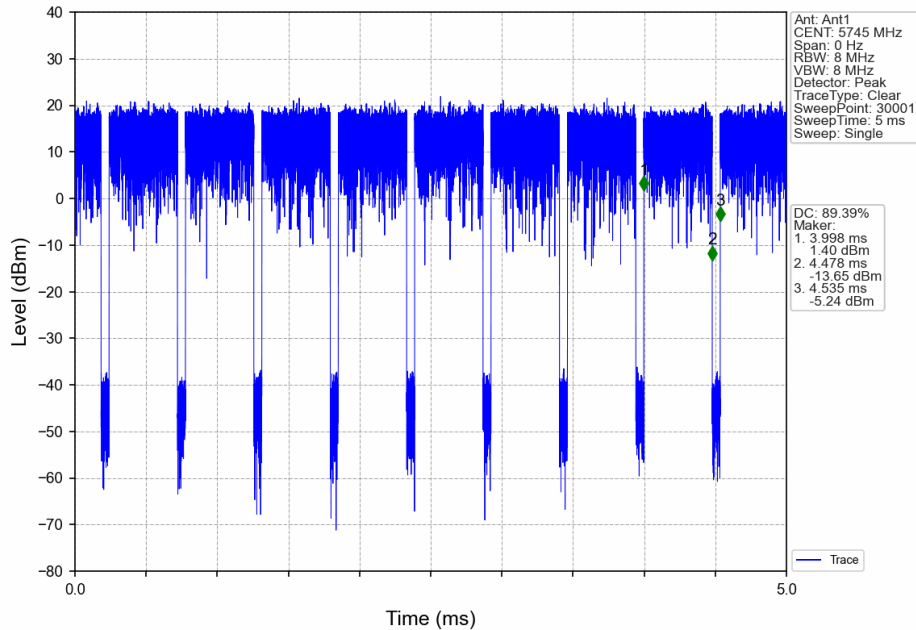
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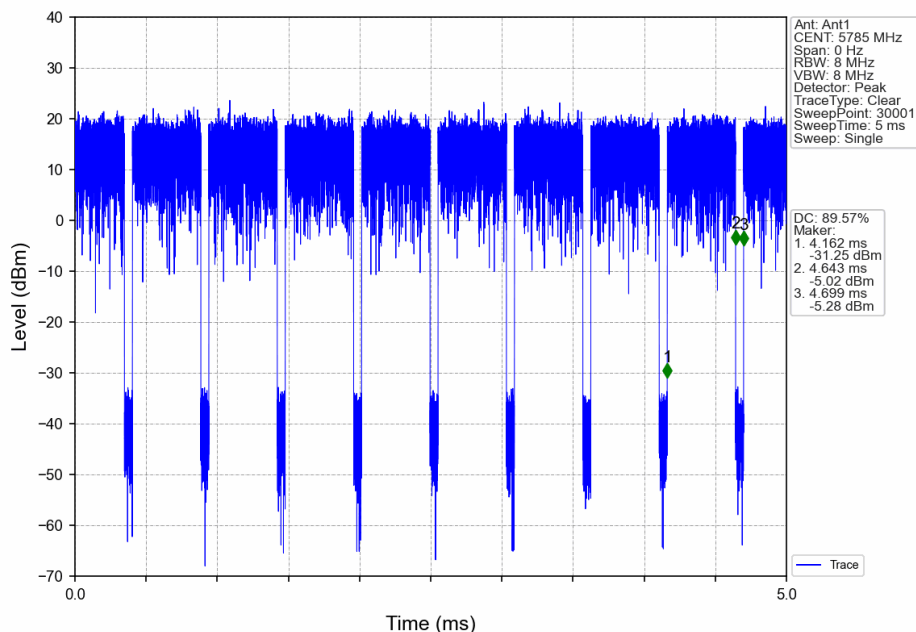
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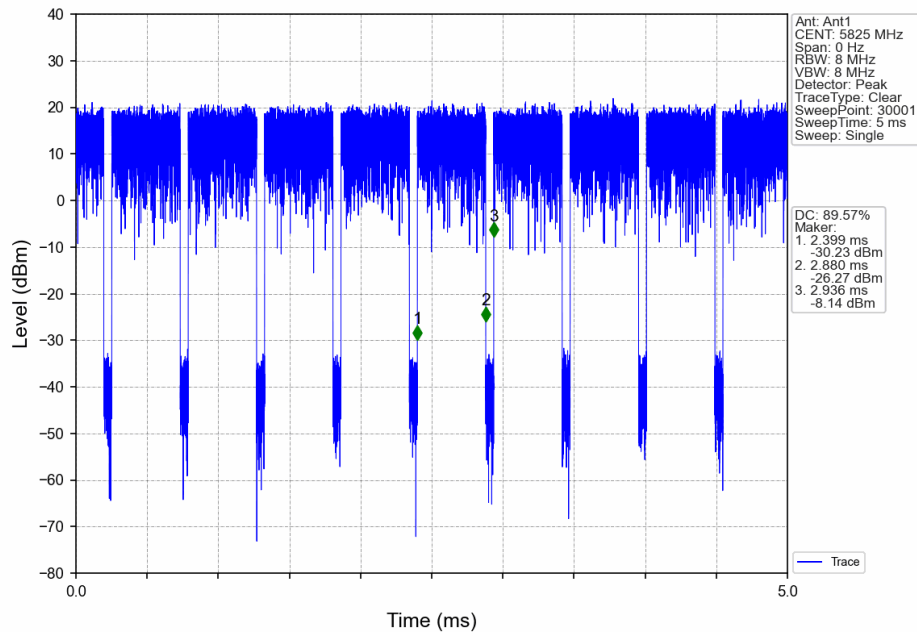
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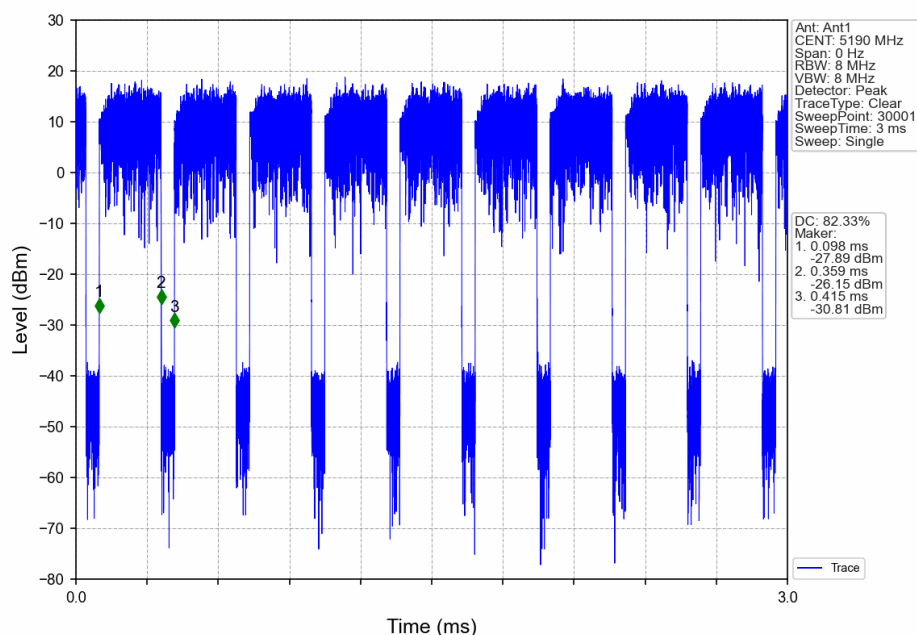
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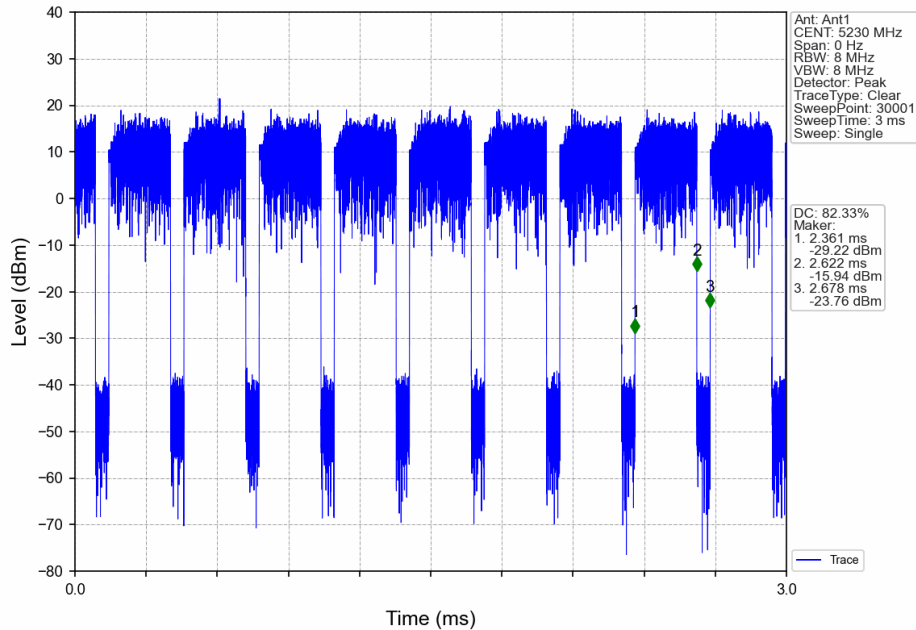
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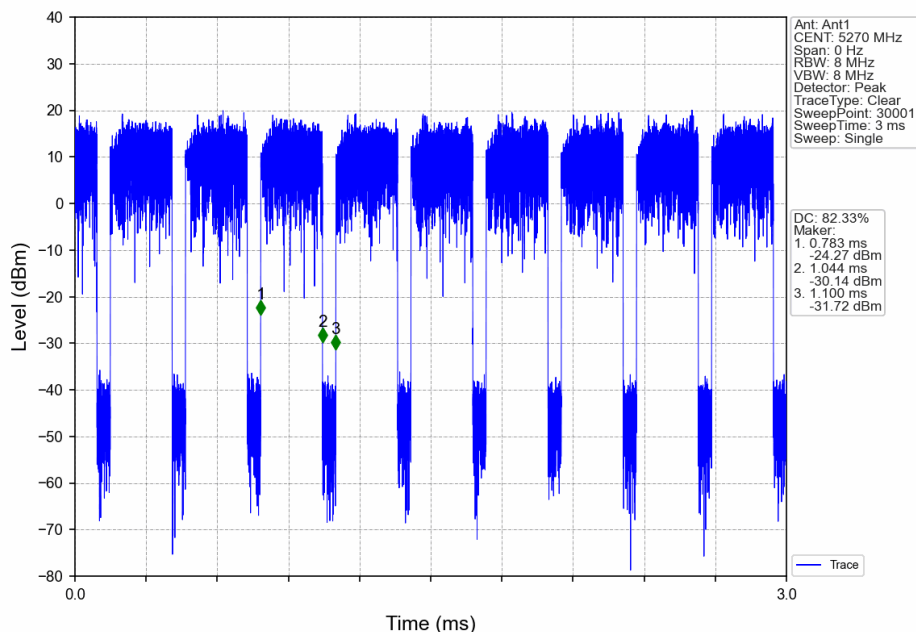
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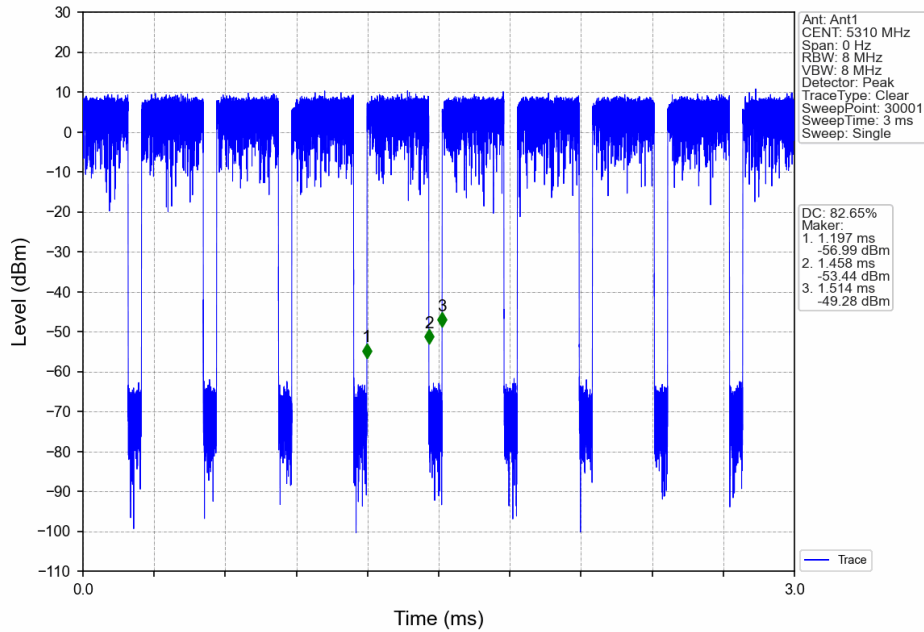
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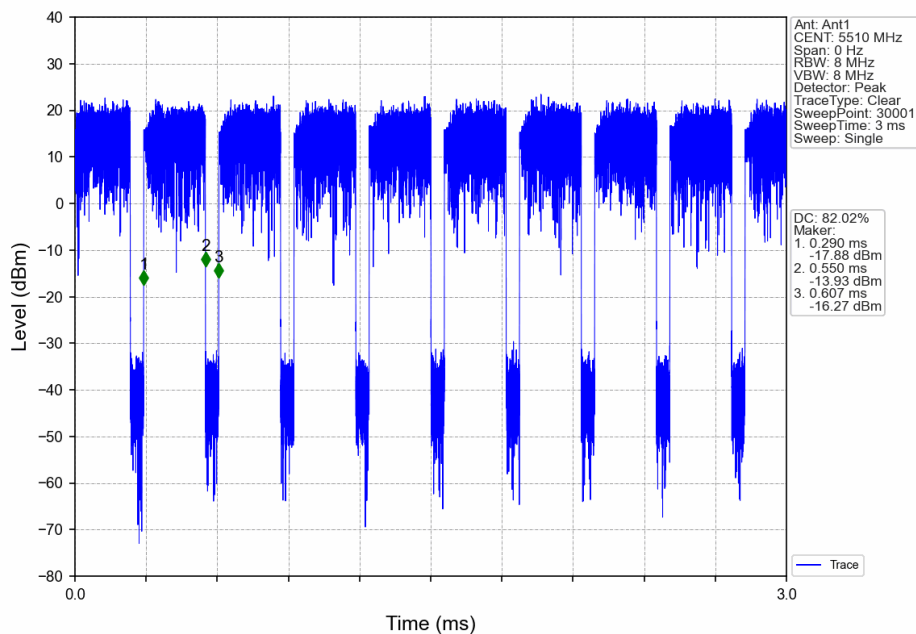
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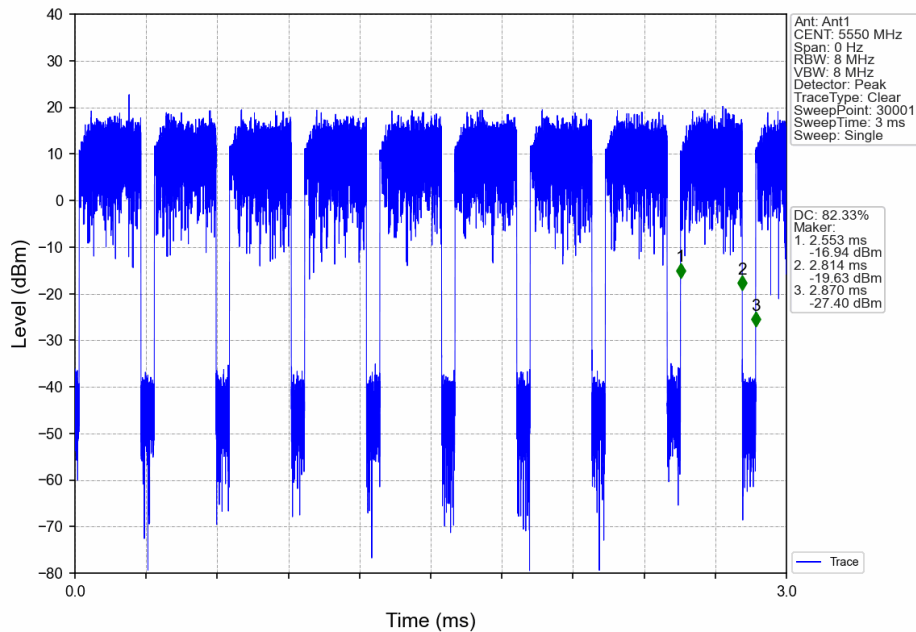
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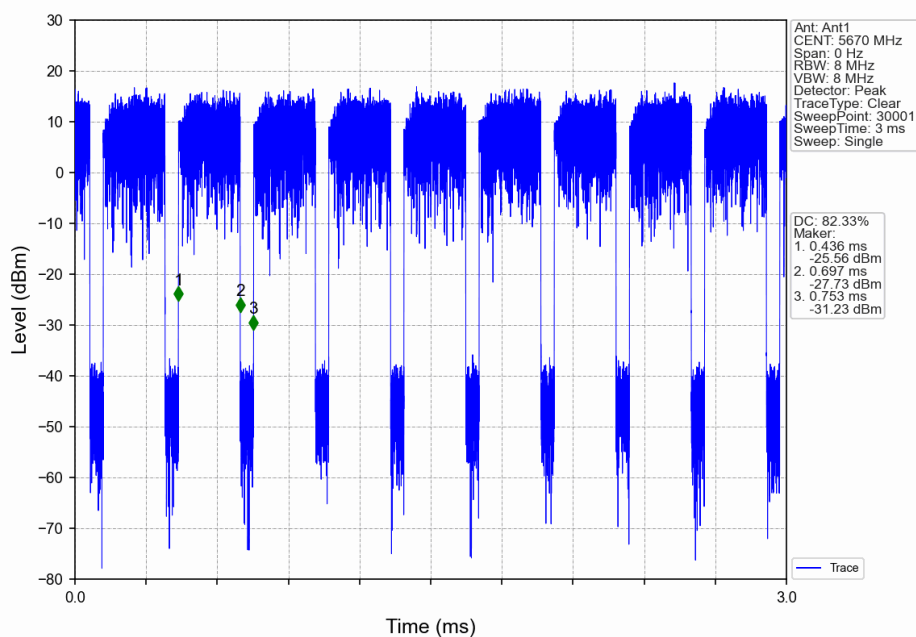
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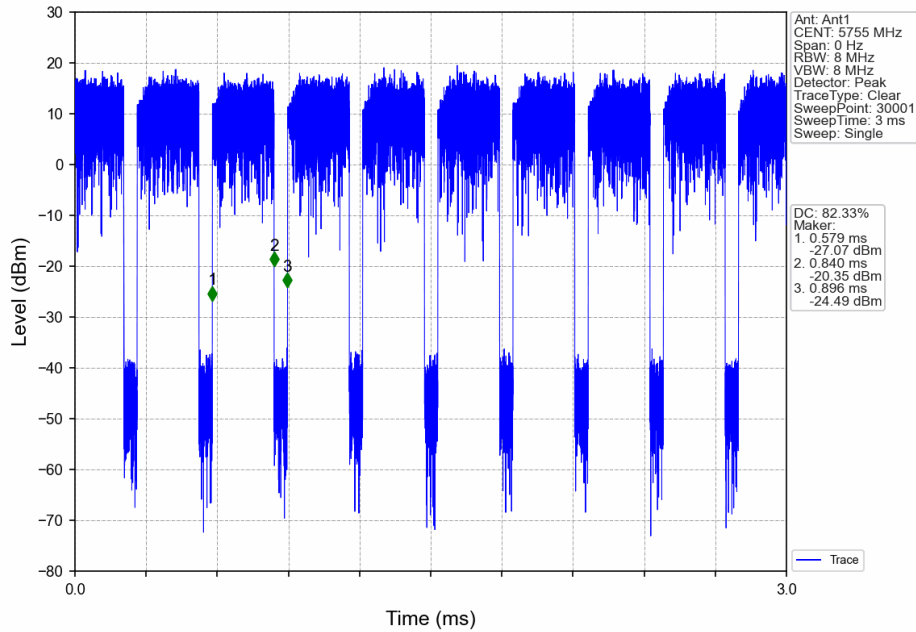
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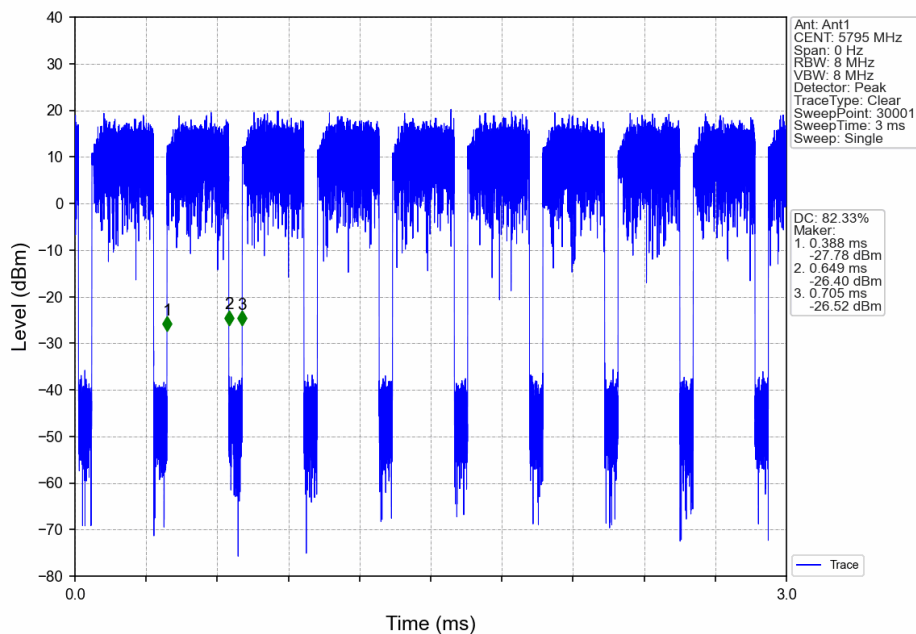
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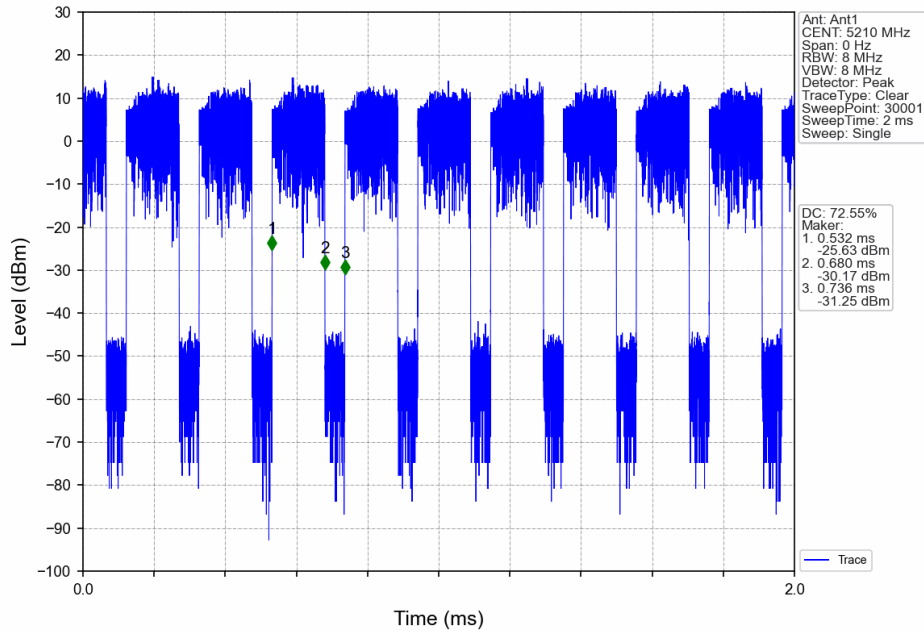
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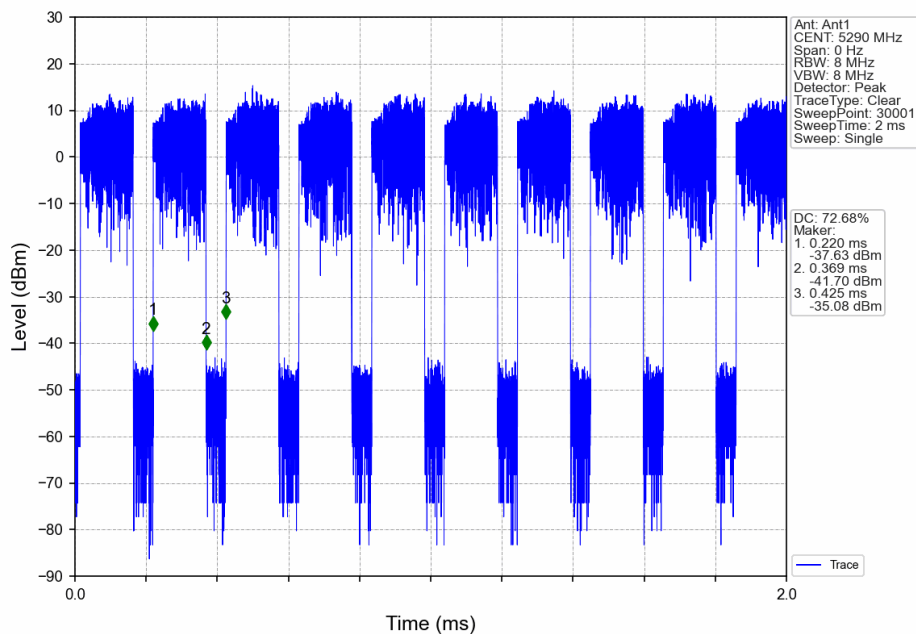
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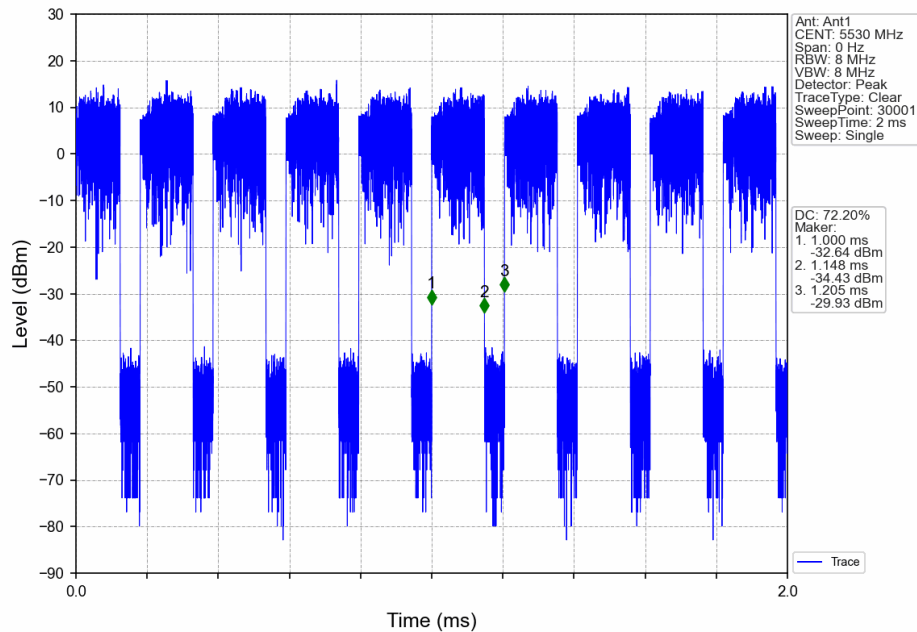
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802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV

