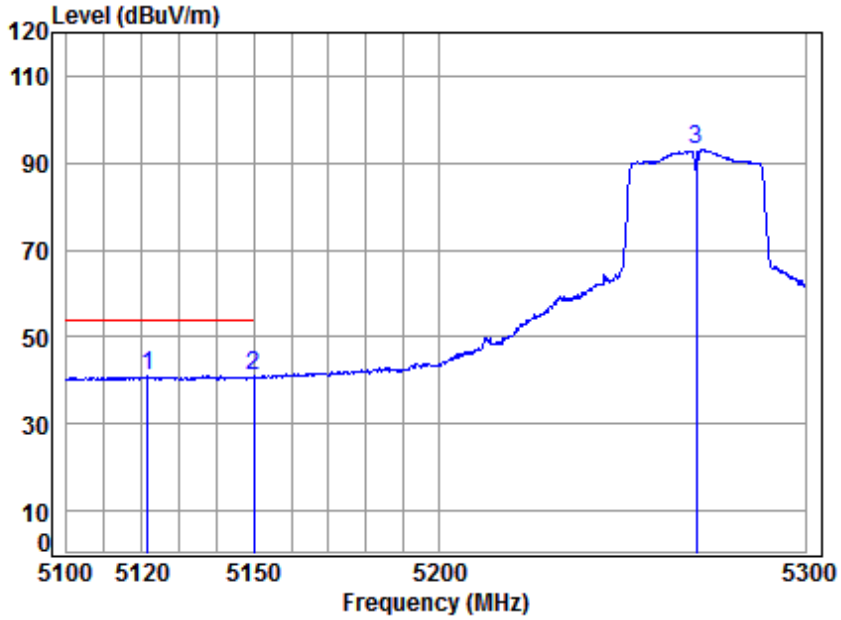
Test mode:	802.11n(HT40)	Frequency(MHz):	5270	Average	Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : 80005
Mode : 5270 Band edge
Note : 5G WiFi 11N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5121.428	8.28	34.30	43.67	42.11	41.02	54.00	-12.98	Average
2	5149.980	8.33	34.32	43.64	42.00	41.01	54.00	-12.99	Average
3	5270.000	8.51	34.42	43.52	93.54	92.95	------	------	Average

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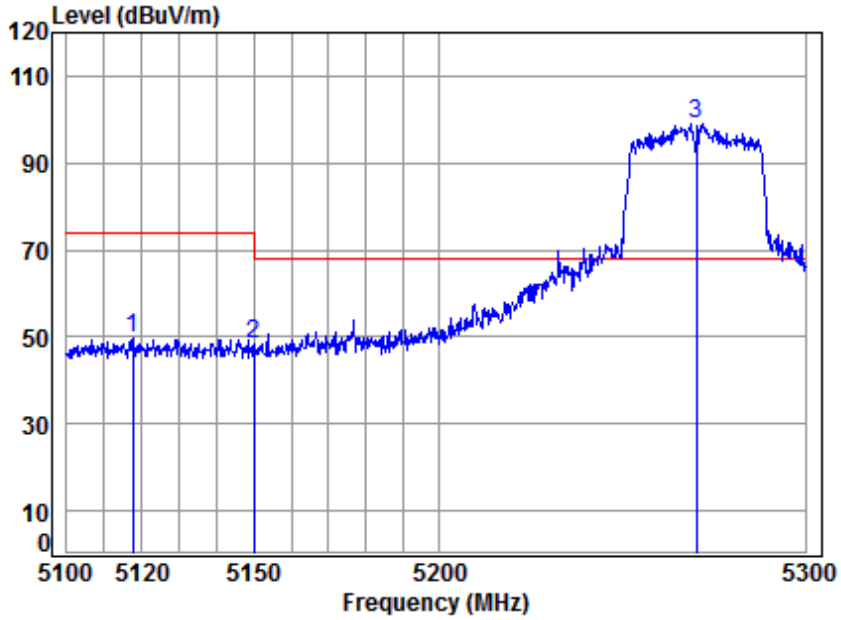
Test mode:	802.11n(HT40)	Frequency(MHz):	5270	Peak	Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : 80005
Mode : 5270 Band edge
Note : 5G WiFi 11N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5117.490	8.28	34.30	43.68	50.63	49.53	74.00	-24.47	peak
2	5149.980	8.33	34.32	43.64	49.38	48.39	74.00	-25.61	peak
3 *	5270.000	8.51	34.42	43.52	99.47	98.88	68.20	30.68	peak

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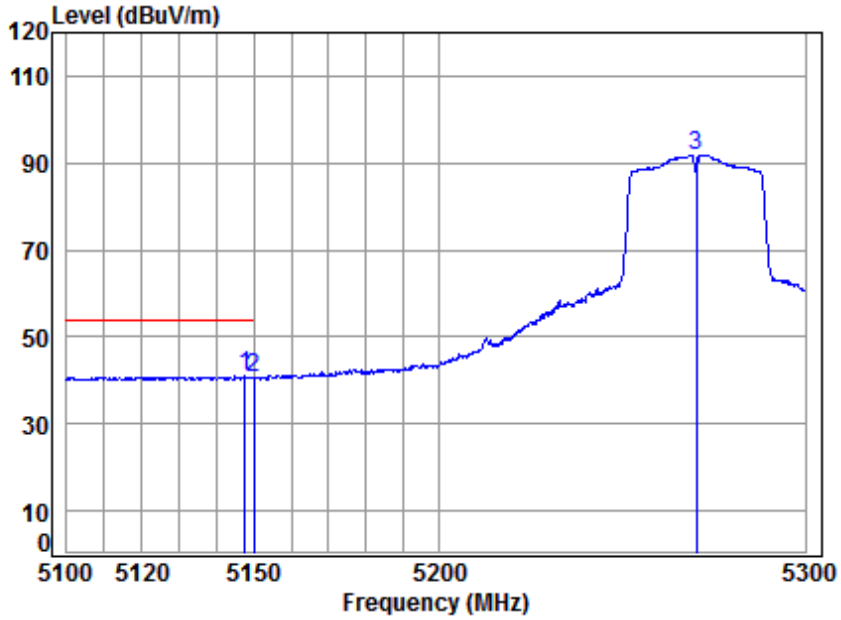
Test mode:	802.11n(HT40)	Frequency(MHz):	5270	Average	Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : 80005
Mode : 5270 Band edge
Note : 5G WiFi 11N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5147.697	8.32	34.32	43.65	41.98	40.97	54.00	-13.03	Average
2	5149.980	8.33	34.32	43.64	41.82	40.83	54.00	-13.17	Average
3	5270.000	8.51	34.42	43.52	92.52	91.93	------	------	Average

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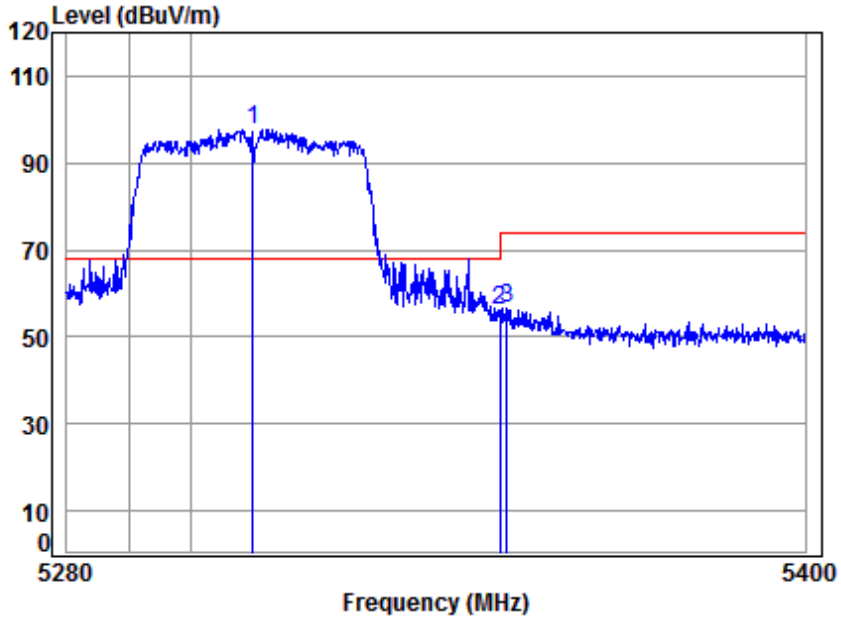
Test mode:	802.11n(HT40)	Frequency(MHz):	5310	Peak	Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : 80005
Mode : 5310 Band edge
Note : 5G WiFi 11N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 *	5310.000	8.57	34.45	43.48	98.21	97.75	68.20	29.55	peak
2	5350.020	8.63	34.48	43.44	56.47	56.14	74.00	-17.86	peak
3	5351.195	8.63	34.48	43.44	56.96	56.63	74.00	-17.37	peak

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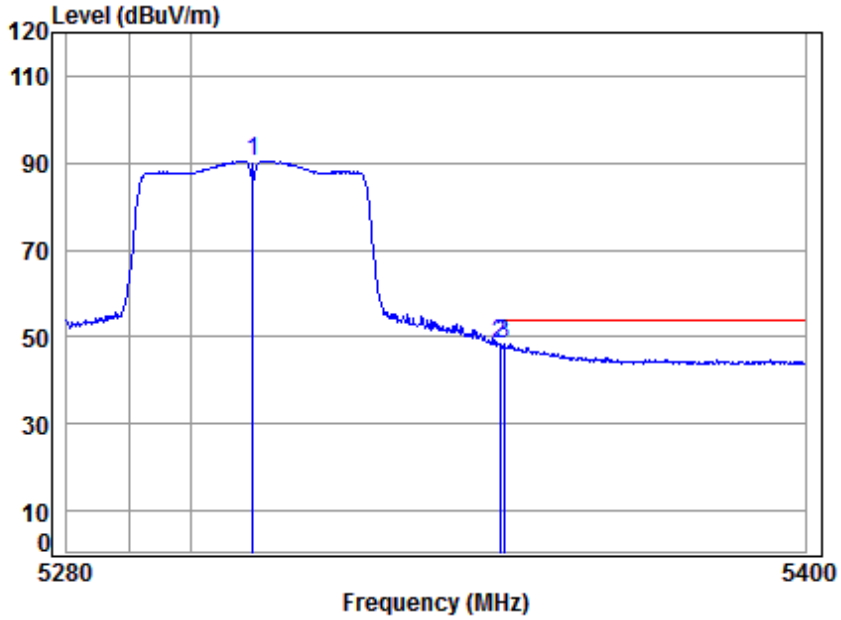
Test mode:	802.11n(HT40)	Frequency(MHz):	5310	Average	Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : 80005
Mode : 5310 Band edge
Note : 5G WiFi 11N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5310.000	8.57	34.45	43.48	91.00	90.54	------	------	Average
2	5350.020	8.63	34.48	43.44	48.82	48.49	54.00	-5.51	Average
3	5350.714	8.63	34.48	43.44	48.52	48.19	54.00	-5.81	Average

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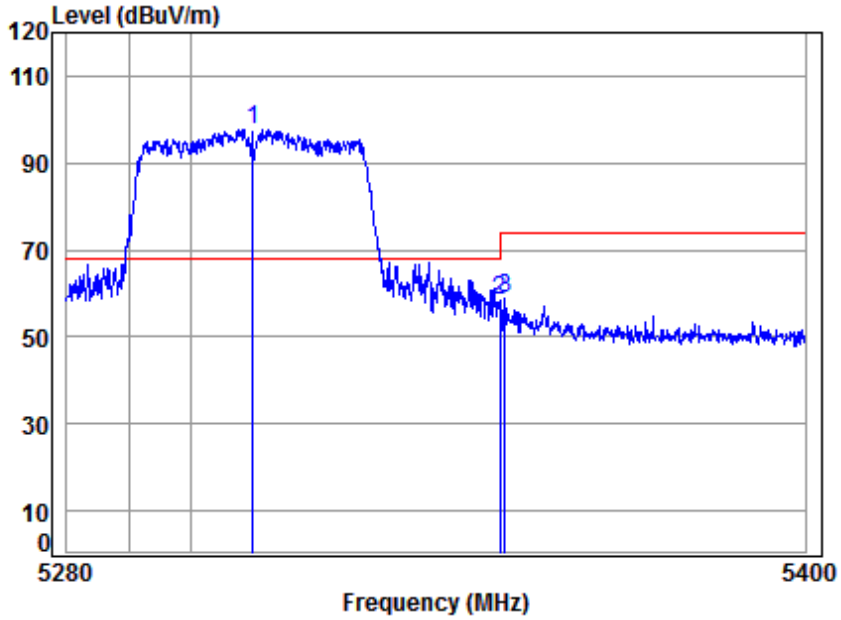
Test mode:	802.11n(HT40)	Frequency(MHz):	5310	Peak	Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : 80005
Mode : 5310 Band edge
Note : 5G WiFi 11N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 *	5310.000	8.57	34.45	43.48	98.18	97.72	68.20	29.52	peak
2	5350.020	8.63	34.48	43.44	58.70	58.37	74.00	-15.63	peak
3	5350.955	8.63	34.48	43.44	59.36	59.03	74.00	-14.97	peak

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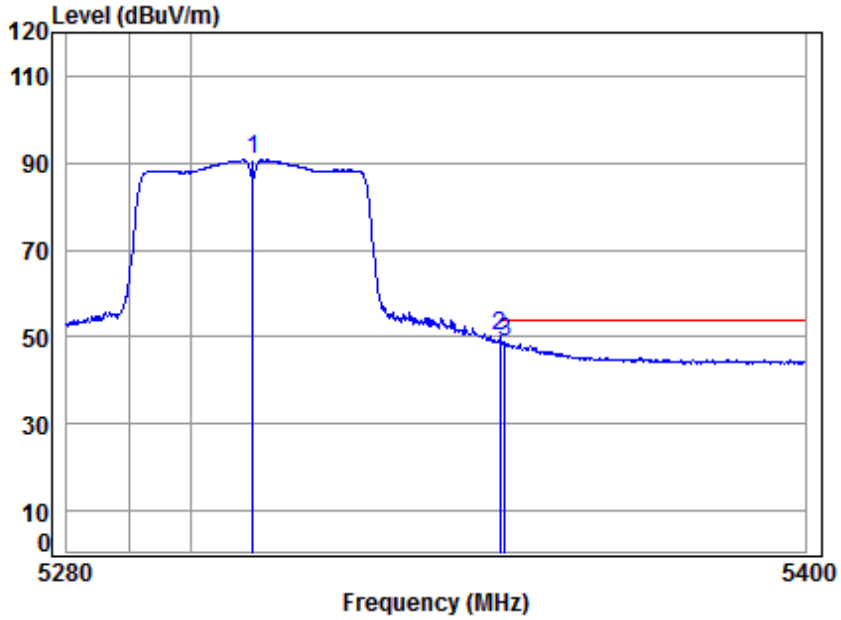
Test mode:	802.11n(HT40)	Frequency(MHz):	5310	Average	Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : 80005
Mode : 5310 Band edge
Note : 5G WiFi 11N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5310.000	8.57	34.45	43.48	91.14	90.68	------	------	Average
2	5350.020	8.63	34.48	43.44	50.46	50.13	54.00	-3.87	Average
3	5350.834	8.63	34.48	43.44	49.02	48.69	54.00	-5.31	Average

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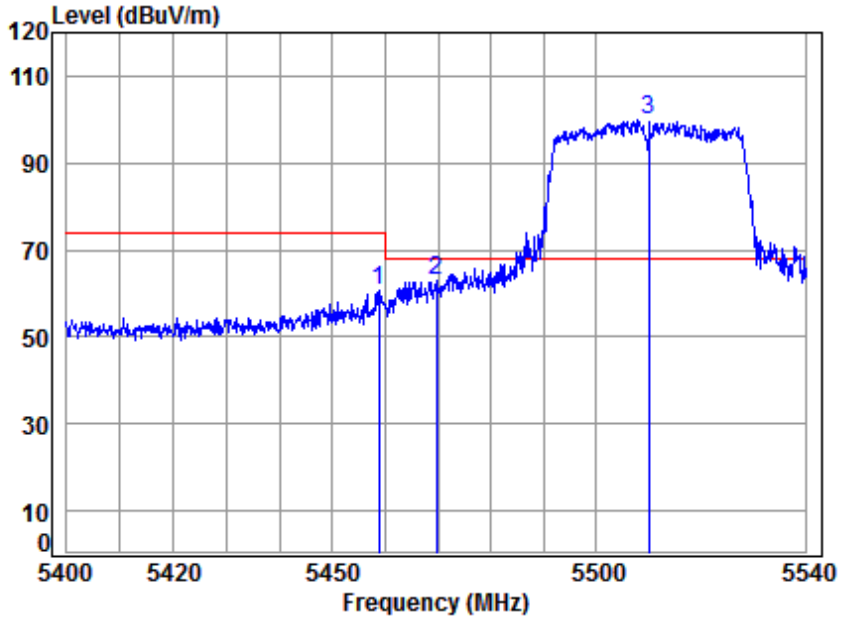
Test mode:	802.11n(HT40)	Frequency(MHz):	5510	Peak	Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : 80005
Mode : 5510 Band edge
Note : 5G WiFi 11N 40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5458.783	8.79	34.57	43.33	60.80	60.83	74.00	-13.17	peak
2	5469.692	8.81	34.58	43.32	63.04	63.11	68.20	-5.09	peak
3 *	5510.000	8.89	34.61	43.28	99.63	99.85	68.20	31.65	peak

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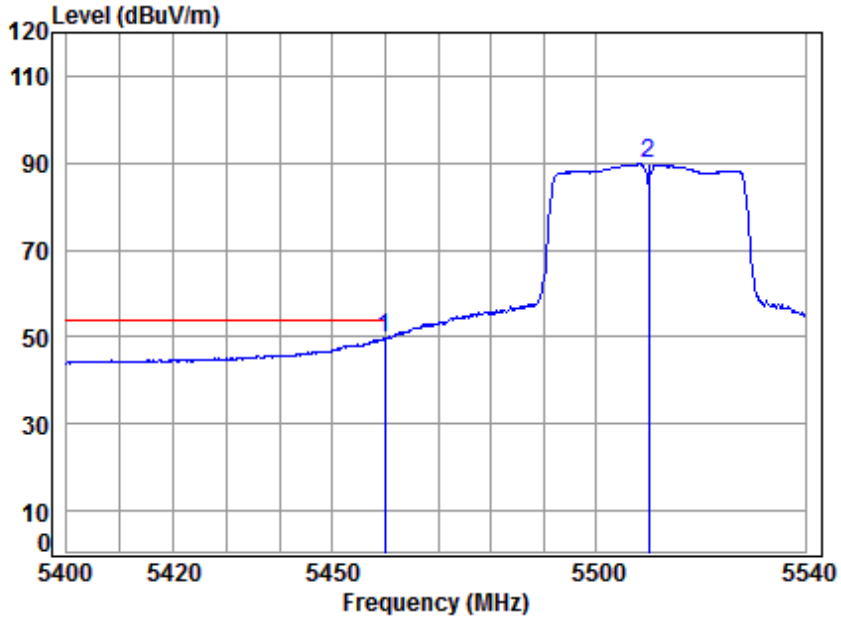
Test mode:	802.11n(HT40)	Frequency(MHz):	5510	Average	Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : 80005
Mode : 5510 Band edge
Note : 5G WiFi 11N 40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5459.901	8.79	34.57	43.33	49.75	49.78	54.00	-4.22	Average
2	5510.000	8.89	34.61	43.28	89.52	89.74	------	------	Average

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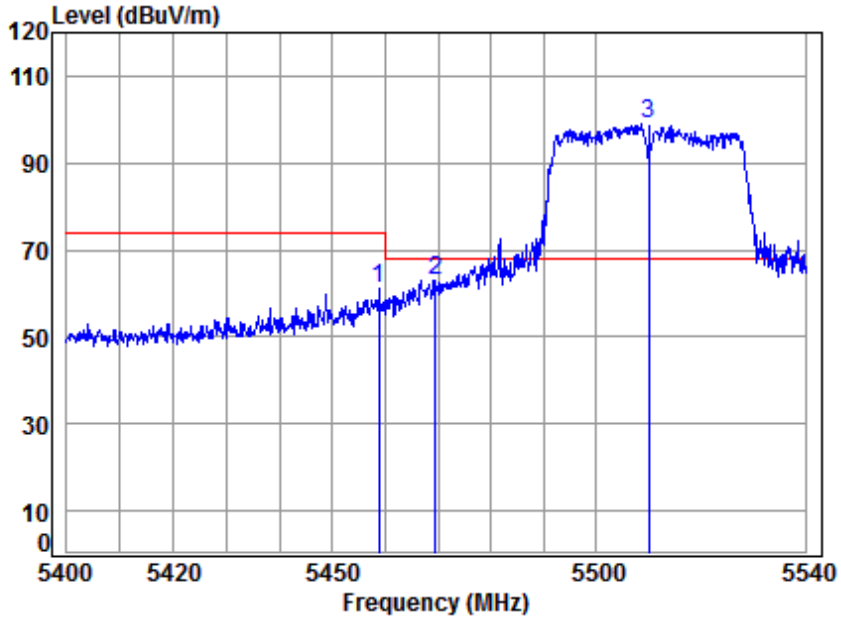
Test mode:	802.11n(HT40)	Frequency(MHz):	5510	Peak	Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : 80005
Mode : 5510 Band edge
Note : 5G WiFi 11N 40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5458.783	8.79	34.57	43.33	61.08	61.11	74.00	-12.89	peak
2	5469.412	8.81	34.58	43.32	63.08	63.15	68.20	-5.05	peak
3 *	5510.000	8.89	34.61	43.28	98.73	98.95	68.20	30.75	peak

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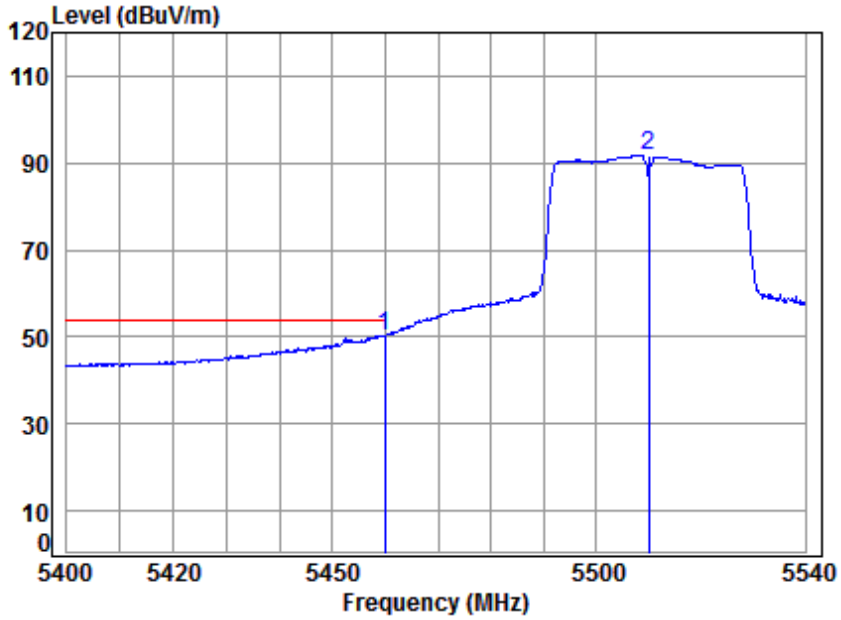
Test mode:	802.11n(HT40)	Frequency(MHz):	5510	Average	Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : 80005
Mode : 5510 Band edge
Note : 5G WiFi 11N 40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5459.901	8.79	34.57	43.33	50.37	50.40	54.00	-3.60	Average
2	5510.000	8.89	34.61	43.28	91.49	91.71	------	------	Average

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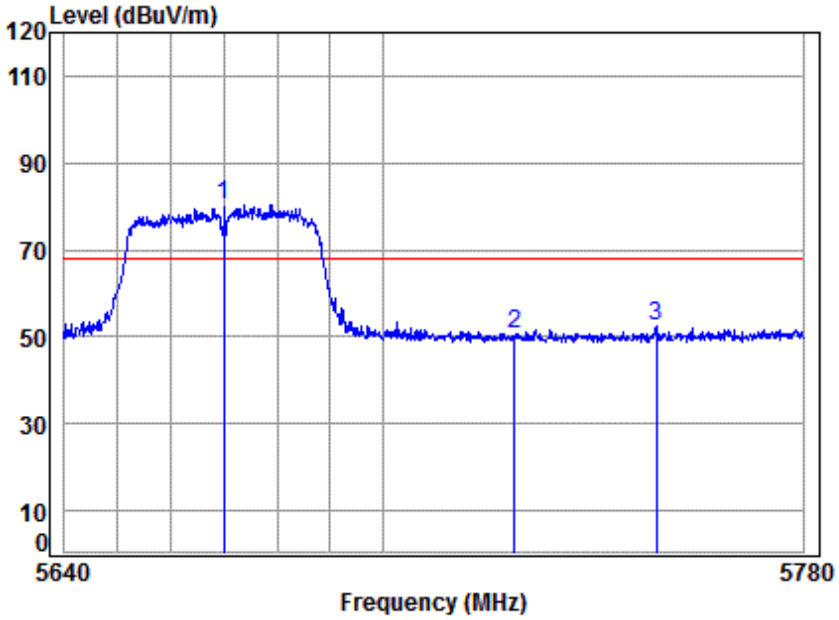
Test mode:	802.11n(HT40)	Frequency(MHz):	5670	Peak	Vertical



Condition: 3m VERTICAL
Job No : 80005
Mode : 5670 Band edge
Note : 5G WiFi 11N 40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5670.000	9.45	34.77	41.88	78.00	80.34	68.20	12.14	Peak
2	5725.000	9.64	34.83	41.84	47.87	50.50	68.20	-17.70	Peak
3	5751.866	9.74	34.86	41.81	49.58	52.37	68.20	-15.83	Peak

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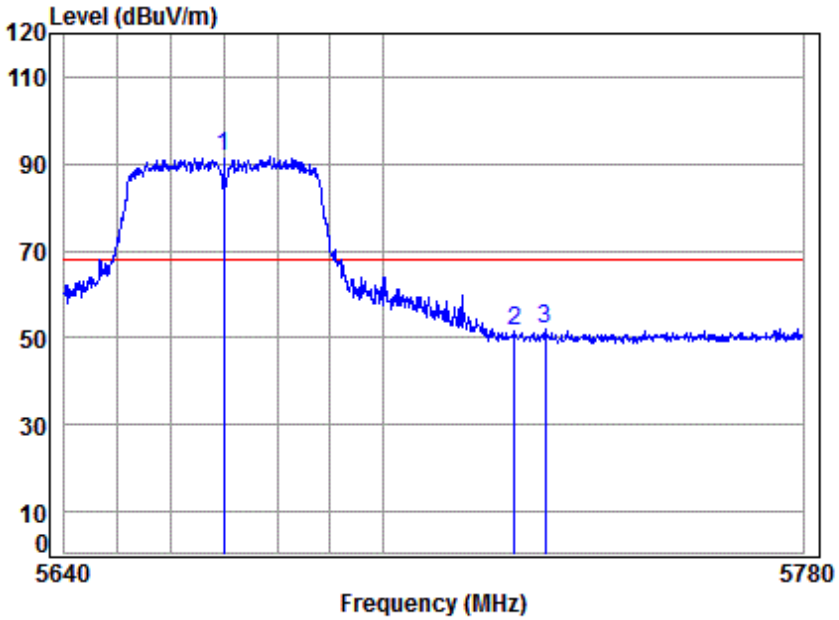
Test mode:	802.11n(HT40)	Frequency(MHz):	5670	Peak	Horizontal



Condition: 3m HORIZONTAL
Job No : 80005
Mode : 5670 Band edge
Note : 5G WiFi 11N 40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5670.000	9.45	34.77	41.88	89.19	91.53	68.20	23.33	peak
2	5725.000	9.64	34.83	41.84	48.81	51.44	68.20	-16.76	peak
3	5730.750	9.66	34.84	41.83	49.40	52.07	68.20	-16.13	peak

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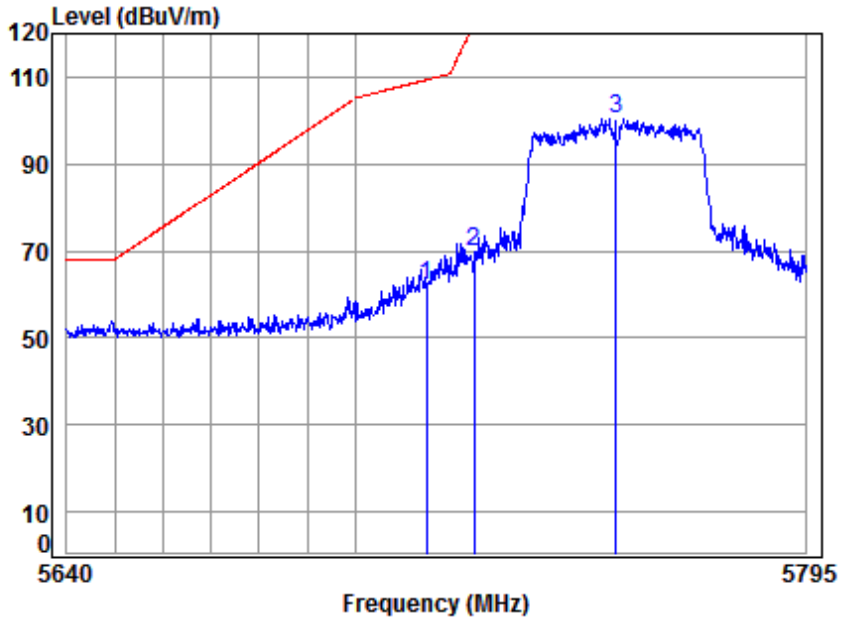
Test mode:	802.11n(HT40)	Frequency(MHz):	5755	Peak	Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : 80005
Mode : 5755 Band edge
Note : 5G WiFi 11N 40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5715.000	9.61	34.82	43.09	60.73	62.07	109.40	-47.33	peak
2	5725.000	9.64	34.83	43.08	68.47	69.86	122.20	-52.34	peak
3	5755.000	9.75	34.86	43.05	99.04	100.60	125.20	-24.60	peak

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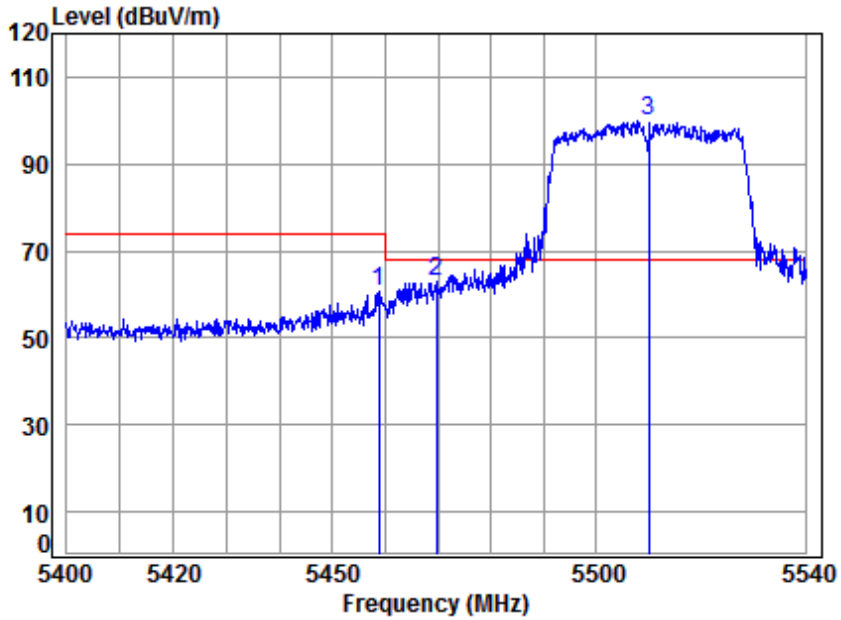
Test mode:	802.11n(HT40)	Frequency(MHz):	5755	Peak	Horizontal



Site : chamber
Condition: 3m VERTICAL
Job No : 80005
Mode : 5510 Band edge
Note : 5G WiFi 11N 40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5458.783	8.79	34.57	43.33	60.80	60.83	74.00	-13.17	peak
2	5469.692	8.81	34.58	43.32	63.04	63.11	68.20	-5.09	peak
3 *	5510.000	8.89	34.61	43.28	99.63	99.85	68.20	31.65	peak

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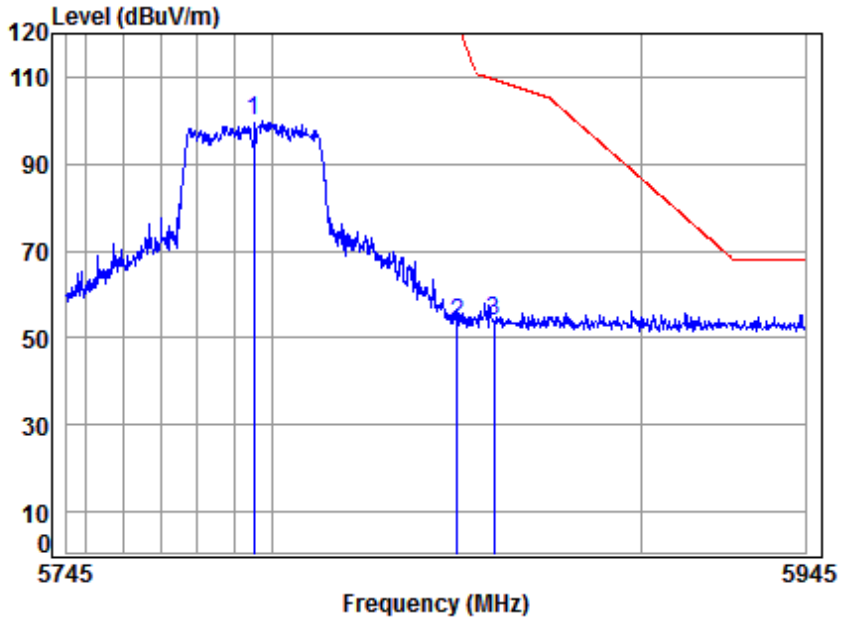
Test mode:	802.11n(HT40)	Frequency(MHz):	5795	Peak	Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : 80005
Mode : 5795 Band edge
Note : 5G WiFi 11N 40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5795.000	9.88	34.90	43.02	98.04	99.80	125.20	-25.40	peak
2	5850.000	10.07	34.95	42.96	51.36	53.42	122.20	-68.78	peak
3	5860.000	10.10	34.96	42.96	51.97	54.07	109.40	-55.33	peak

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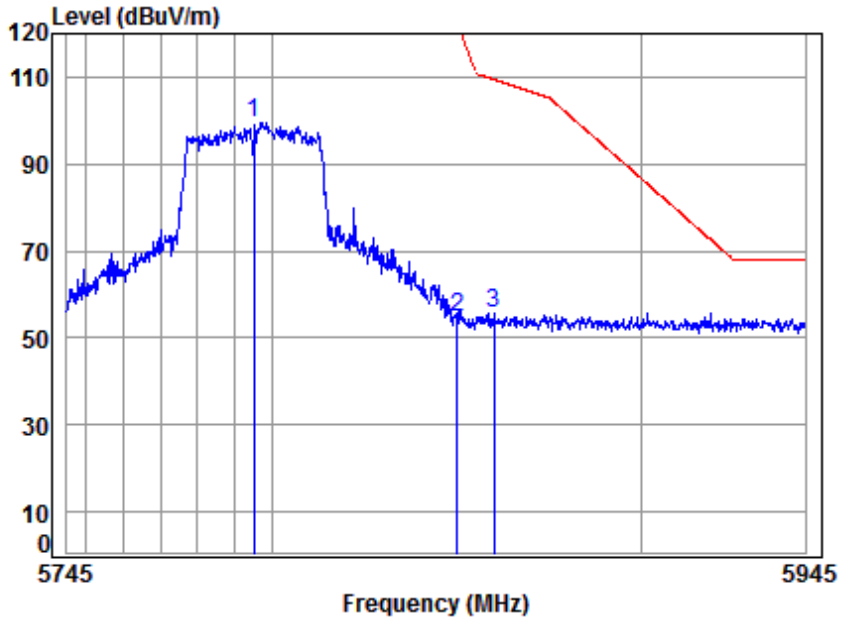
Test mode:	802.11n(HT40)	Frequency(MHz):	5795	Peak	Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : 80005
Mode : 5795 Band edge
Note : 5G WiFi 11N 40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5795.000	9.88	34.90	43.02	97.69	99.45	125.20	-25.75	peak
2	5850.000	10.07	34.95	42.96	52.90	54.96	122.20	-67.24	peak
3	5860.000	10.10	34.96	42.96	53.38	55.48	109.40	-53.92	peak

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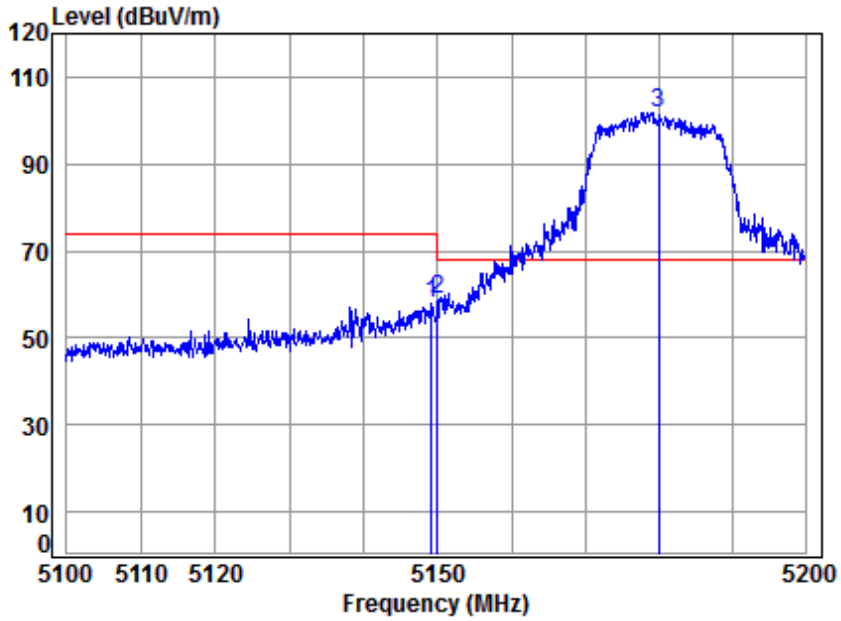
Test mode:	802.11ac(HT20)	Frequency(MHz):	5180	Peak	Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : 80005
Mode : 5180 Band edge
Note : 5G WiFi 11AC 20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5149.157	8.32	34.32	38.40	53.73	57.97	74.00	-16.03	peak
2	5149.980	8.33	34.32	38.40	54.40	58.65	74.00	-15.35	peak
3 *	5180.000	8.37	34.35	38.38	97.59	101.93	68.20	33.73	peak

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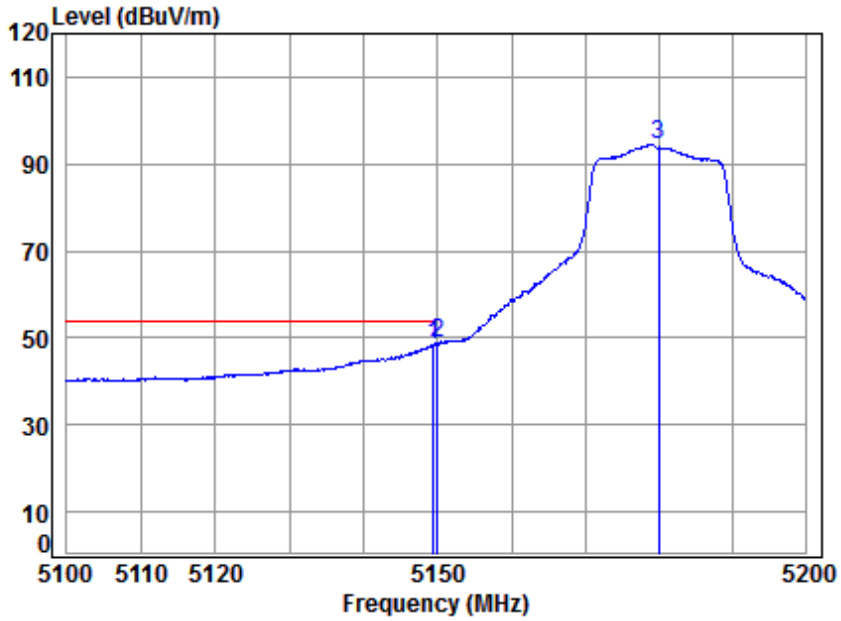
Test mode:	802.11ac(HT20)	Frequency(MHz):	5180	Average	Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : 80005
Mode : 5180 Band edge
Note : 5G WiFi 11AC 20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5149.357	8.32	34.32	38.40	44.00	48.24	54.00	-5.76	Average
2	5149.980	8.33	34.32	38.40	44.48	48.73	54.00	-5.27	Average
3	5180.000	8.37	34.35	38.38	90.07	94.41	------	------	Average

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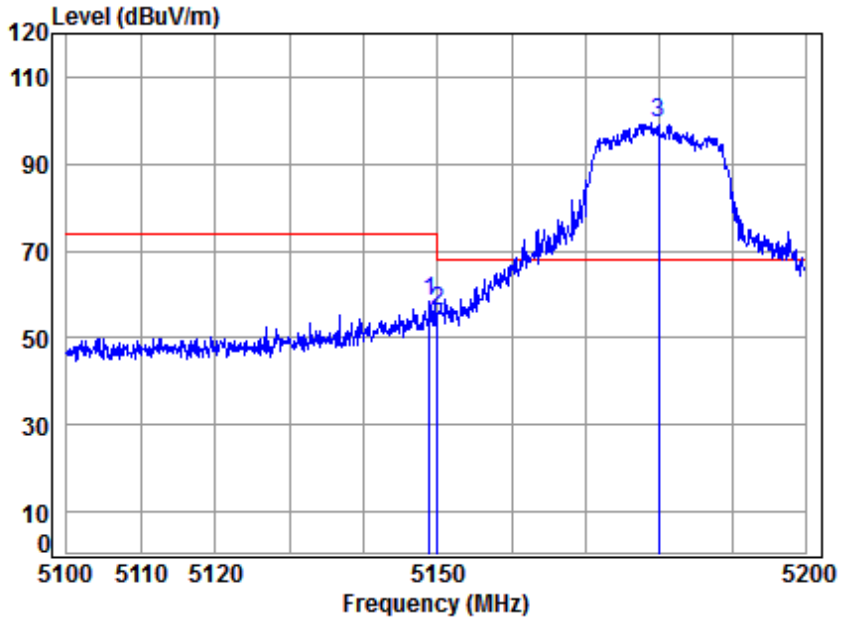
Test mode:	802.11ac(HT20)	Frequency(MHz):	5180	Peak	Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : 80005
Mode : 5180 Band edge
Note : 5G WiFi 11AC 20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5148.857	8.32	34.32	38.40	54.00	58.24	74.00	-15.76	peak
2	5149.980	8.33	34.32	38.40	51.91	56.16	74.00	-17.84	peak
3 *	5180.000	8.37	34.35	38.38	94.90	99.24	68.20	31.04	peak

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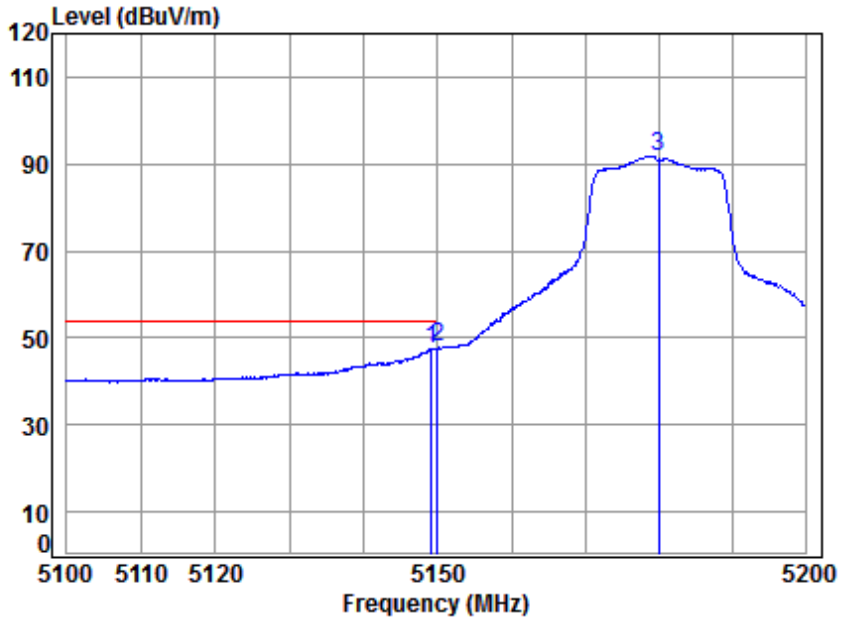
Test mode:	802.11ac(HT20)	Frequency(MHz):	5180	Average	Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : 80005
Mode : 5180 Band edge
Note : 5G WiFi 11AC 20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5149.157	8.32	34.32	38.40	43.14	47.38	54.00	-6.62	Average
2	5149.980	8.33	34.32	38.40	43.69	47.94	54.00	-6.06	Average
3	5180.000	8.37	34.35	38.38	87.37	91.71	------	------	Average

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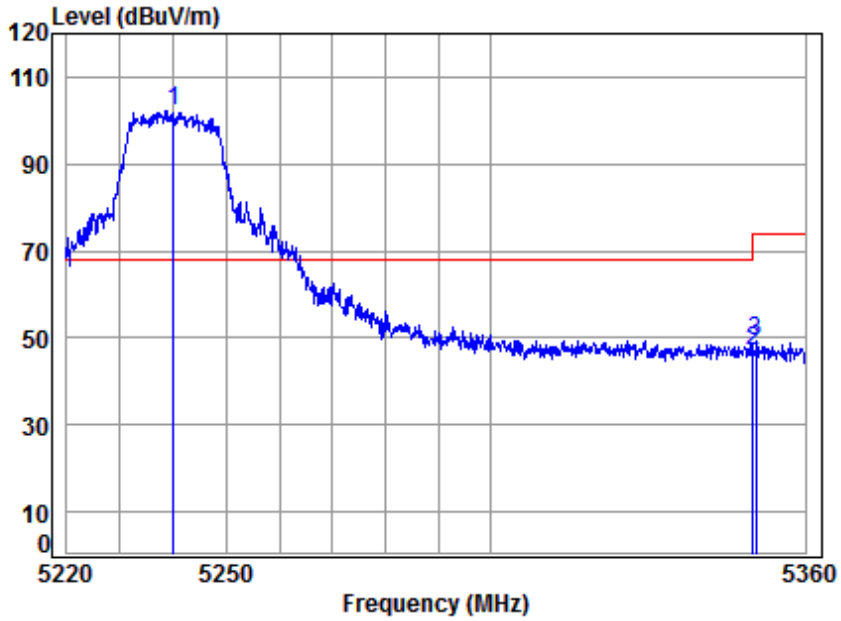
Test mode:	802.11ac(HT20)	Frequency(MHz):	5240	Peak	Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : 80005
Mode : 5240 Band edge
Note : 5G WiFi 11AC 20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 *	5240.000	8.46	34.40	38.34	97.68	102.20	68.20	34.00	peak
2	5350.020	8.63	34.48	38.27	42.26	47.10	74.00	-26.90	peak
3	5350.646	8.63	34.48	38.26	44.30	49.15	74.00	-24.85	peak

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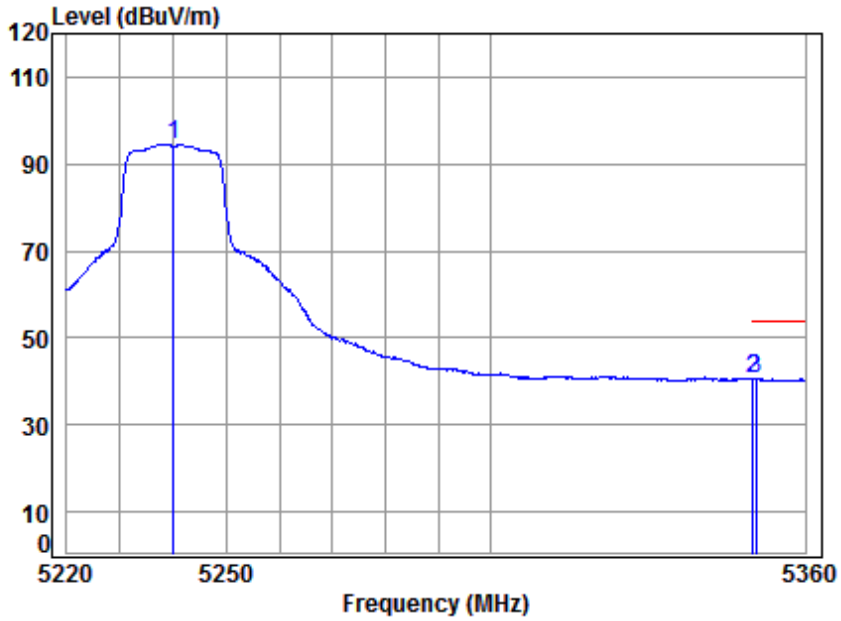
Test mode:	802.11ac(HT20)	Frequency(MHz):	5240	Average	Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : 80005
Mode : 5240 Band edge
Note : 5G WiFi 11AC 20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5240.000	8.46	34.40	38.34	90.14	94.66	------	------	Average
2	5350.020	8.63	34.48	38.27	35.87	40.71	54.00	-13.29	Average
3	5350.504	8.63	34.48	38.26	35.77	40.62	54.00	-13.38	Average

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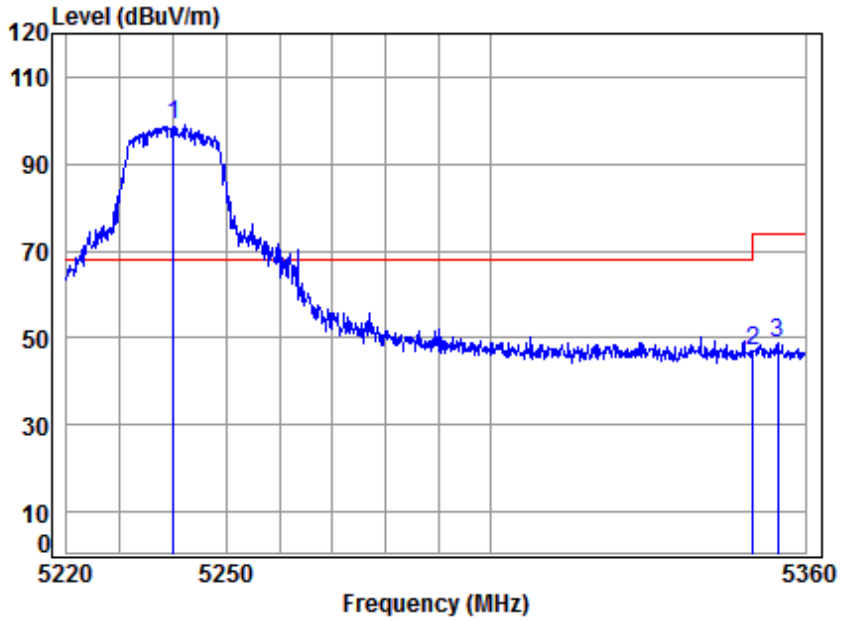
Test mode:	802.11ac(HT20)	Frequency(MHz):	5240	Peak	Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : 80005
Mode : 5240 Band edge
Note : 5G WiFi 11AC 20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 *	5240.000	8.46	34.40	38.34	94.28	98.80	68.20	30.60	peak
2	5350.020	8.63	34.48	38.27	42.28	47.12	74.00	-26.88	peak
3	5354.754	8.64	34.49	38.26	43.89	48.76	74.00	-25.24	peak

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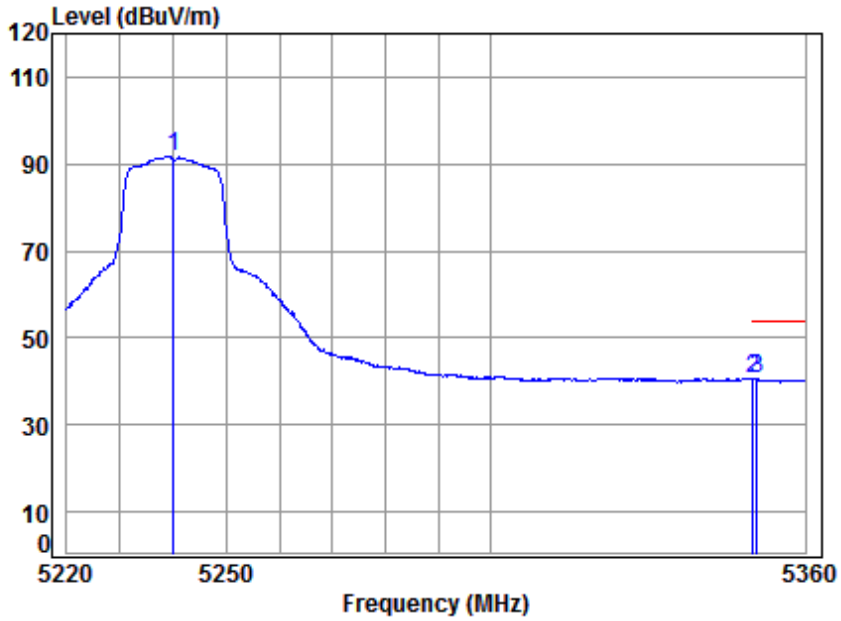
Test mode:	802.11ac(HT20)	Frequency(MHz):	5240	Average	Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : 80005
Mode : 5240 Band edge
Note : 5G WiFi 11AC 20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5240.000	8.46	34.40	38.34	87.20	91.72	------	------	Average
2	5350.020	8.63	34.48	38.27	35.72	40.56	54.00	-13.44	Average
3	5350.787	8.63	34.48	38.26	35.77	40.62	54.00	-13.38	Average

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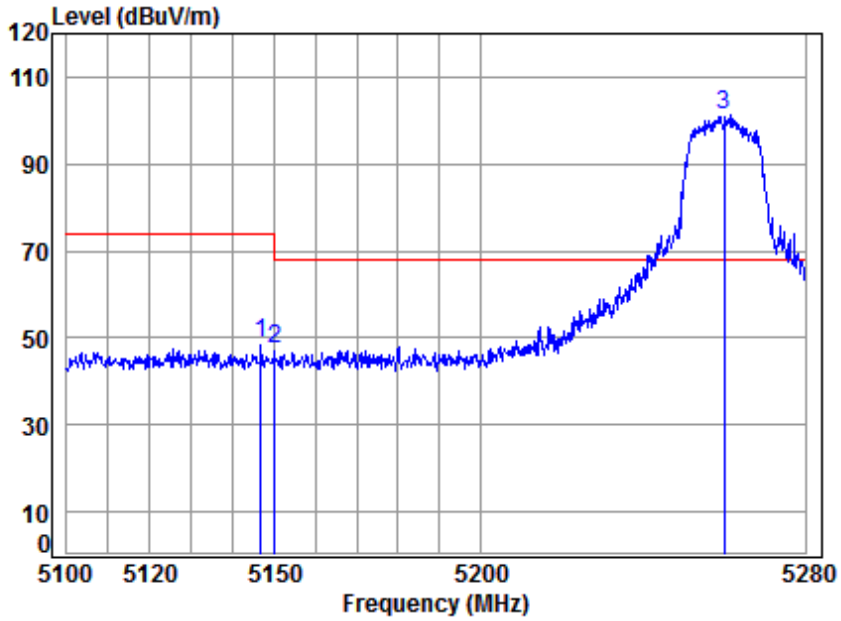
Test mode:	802.11ac(HT20)	Frequency(MHz):	5260	Peak	Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : 80005
Mode : 5260 Band edge
Note : 5G WiFi 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5146.737	8.32	34.32	43.65	49.95	48.94	74.00	-25.06	peak
2	5149.980	8.33	34.32	43.64	48.30	47.31	74.00	-26.69	peak
3 *	5260.000	8.49	34.41	43.53	101.72	101.09	68.20	32.89	peak

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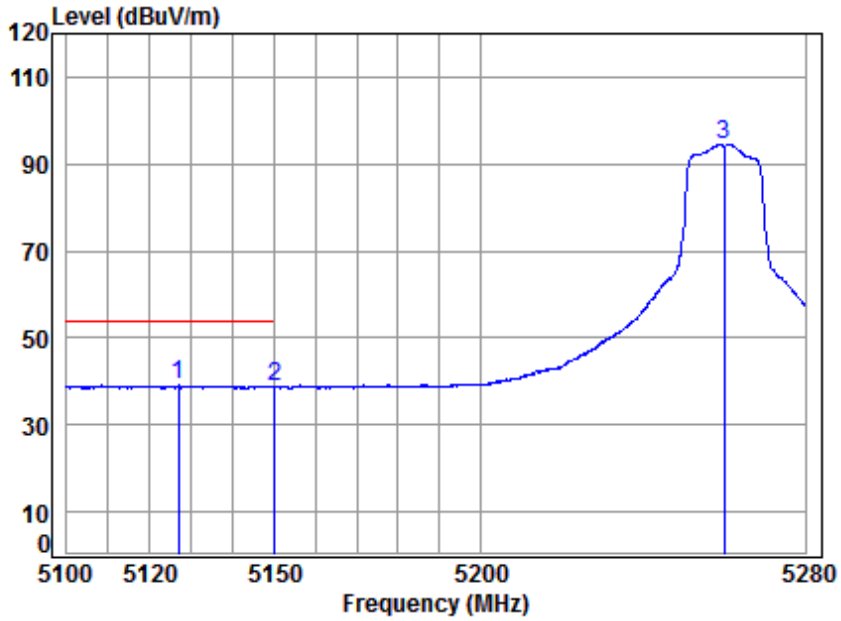
Test mode:	802.11ac(HT20)	Frequency(MHz):	5260	Average	Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : 80005
Mode : 5260 Band edge
Note : 5G WiFi 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5126.781	8.29	34.31	43.67	40.23	39.16	54.00	-14.84	Average
2	5149.980	8.33	34.32	43.64	39.87	38.88	54.00	-15.12	Average
3	5260.000	8.49	34.41	43.53	95.30	94.67	------	------	Average

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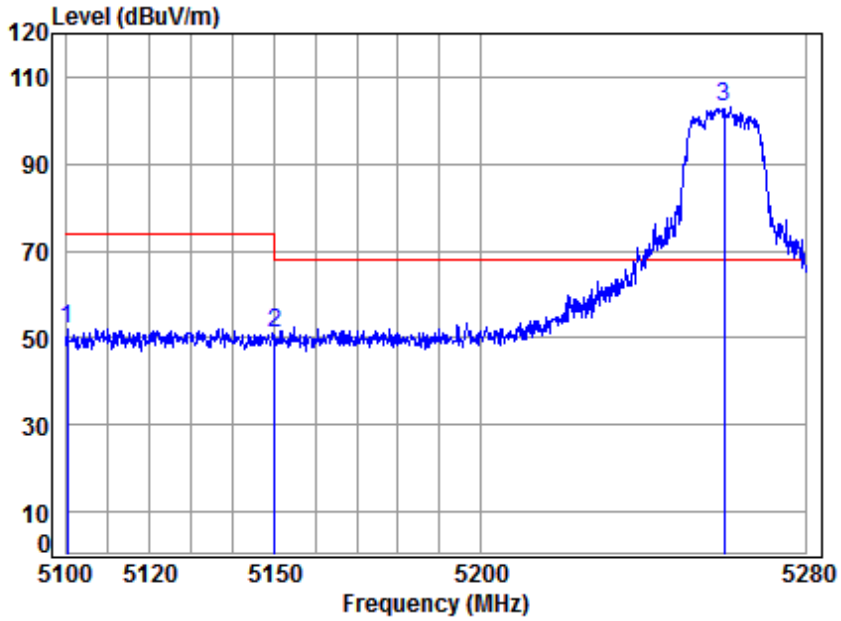
Test mode:	802.11ac(HT20)	Frequency(MHz):	5260	Peak	Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : 80005
Mode : 5260 Band edge
Note : 5G WiFi 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5100.177	8.25	34.28	43.69	53.34	52.18	74.00	-21.82	peak
2	5149.980	8.33	34.32	43.64	52.09	51.10	74.00	-22.90	peak
3 *	5260.000	8.49	34.41	43.53	103.82	103.19	68.20	34.99	peak

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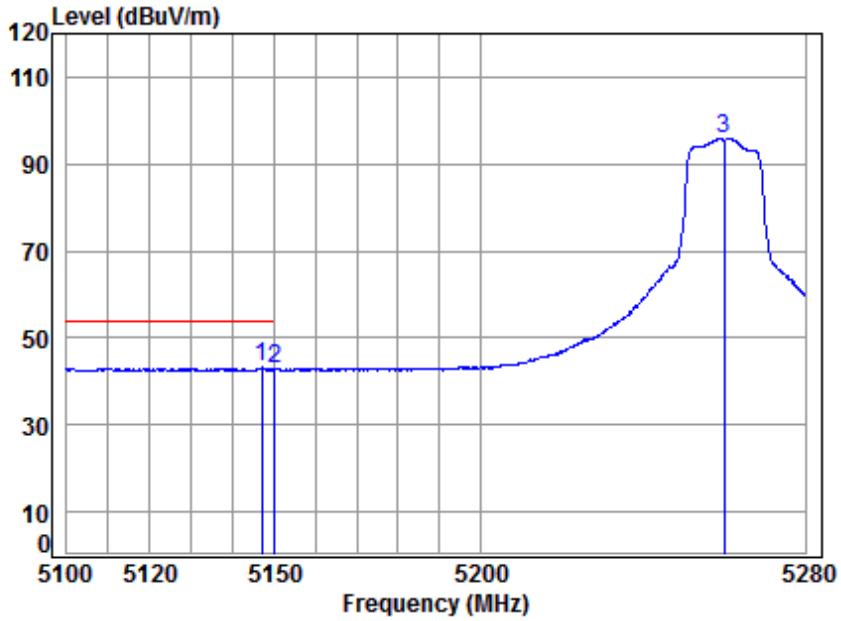
Test mode:	802.11ac(HT20)	Frequency(MHz):	5260	Average	Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : 80005
Mode : 5260 Band edge
Note : 5G WiFi 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5146.915	8.32	34.32	43.65	44.16	43.15	54.00	-10.85	Average
2	5149.980	8.33	34.32	43.64	43.82	42.83	54.00	-11.17	Average
3	5260.000	8.49	34.41	43.53	96.66	96.03	------	------	Average

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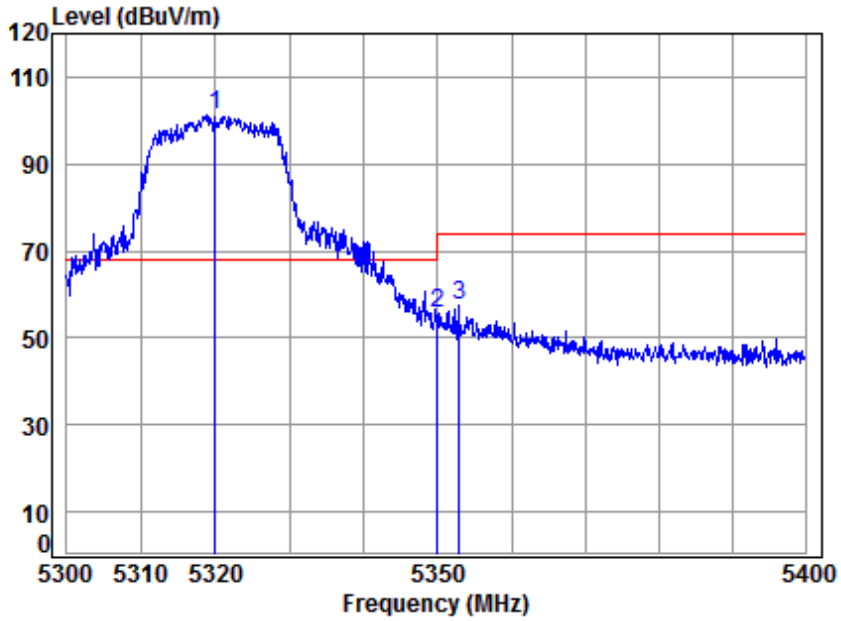
Test mode:	802.11ac(HT20)	Frequency(MHz):	5320	Peak	Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : 80005
Mode : 5320 Band edge
Note : 5G WiFi 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 *	5320.000	8.58	34.46	43.47	101.55	101.12	68.20	32.92	peak
2	5350.020	8.63	34.48	43.44	55.82	55.49	74.00	-18.51	peak
3	5352.867	8.63	34.49	43.44	57.80	57.48	74.00	-16.52	peak

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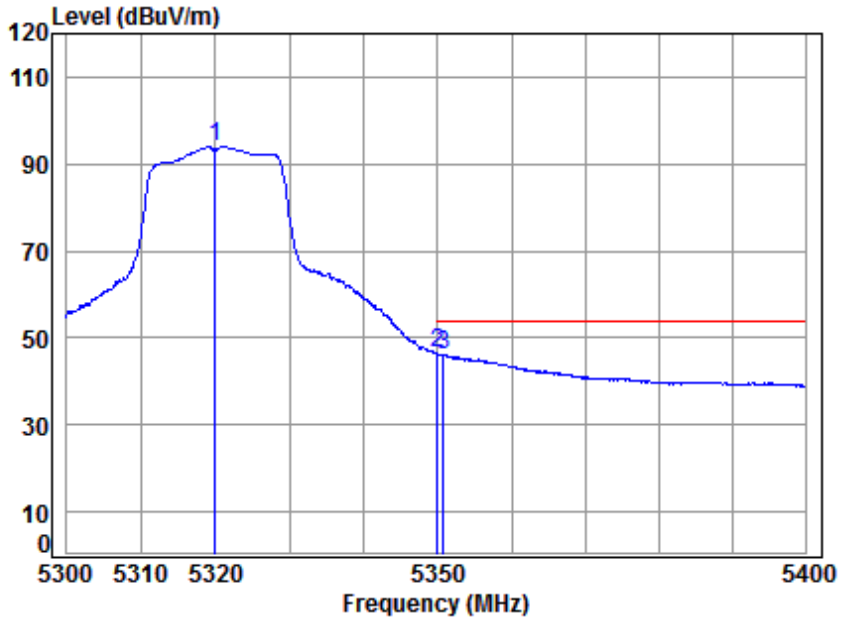
Test mode:	802.11ac(HT20)	Frequency(MHz):	5320	Average	Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : 80005
Mode : 5320 Band edge
Note : 5G WiFi 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5320.000	8.58	34.46	43.47	94.42	93.99	------	------	Average
2	5350.020	8.63	34.48	43.44	46.78	46.45	54.00	-7.55	Average
3	5350.767	8.63	34.48	43.44	46.38	46.05	54.00	-7.95	Average

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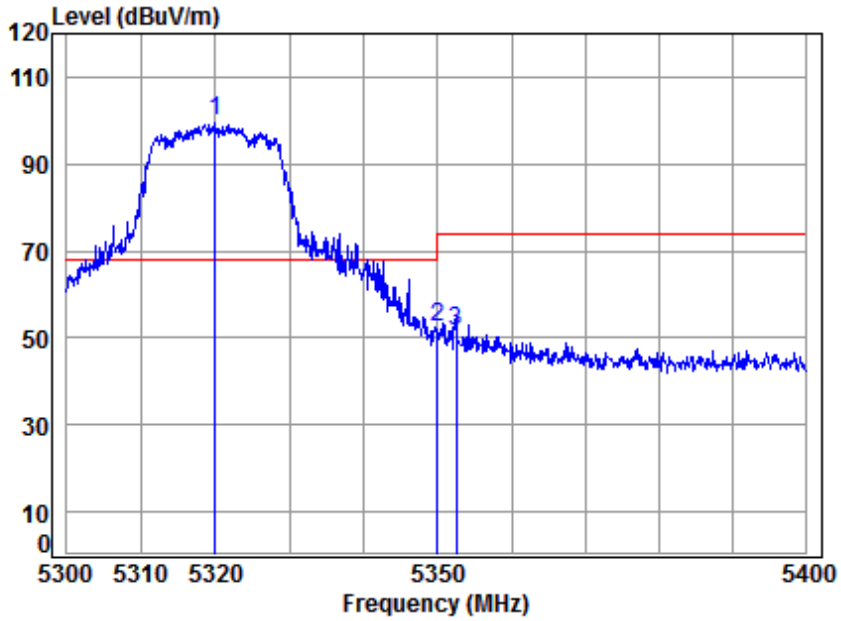
Test mode:	802.11ac(HT20)	Frequency(MHz):	5320	Peak	Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : 80005
Mode : 5320 Band edge
Note : 5G WiFi 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 *	5320.000	8.58	34.46	43.47	100.57	100.14	68.20	31.94	peak
2	5350.020	8.63	34.48	43.44	52.83	52.50	74.00	-21.50	peak
3	5352.467	8.63	34.49	43.44	51.91	51.59	74.00	-22.41	peak

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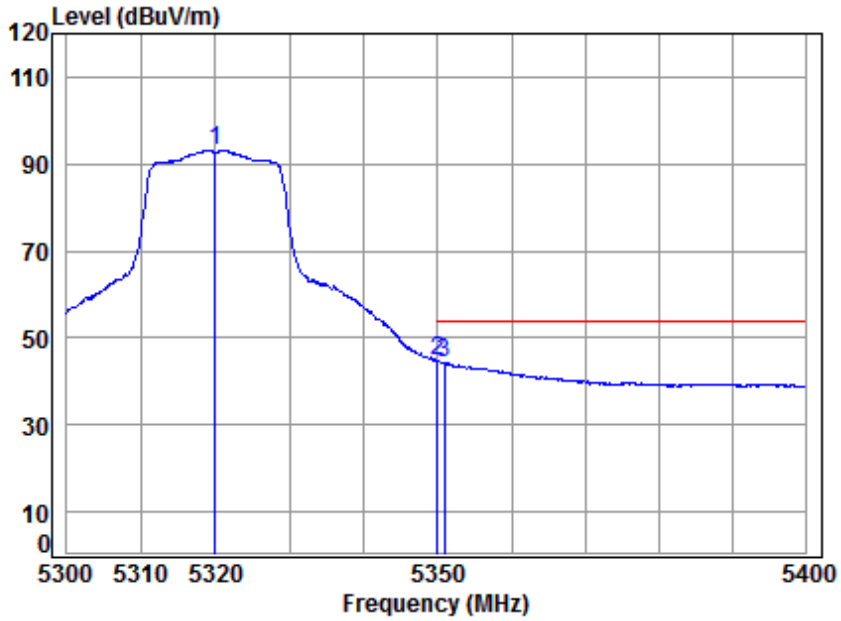
Test mode:	802.11ac(HT20)	Frequency(MHz):	5320	Average	Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : 80005
Mode : 5320 Band edge
Note : 5G WiFi 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5320.000	8.58	34.46	43.47	93.66	93.23	------	------	Average
2	5350.020	8.63	34.48	43.44	45.13	44.80	54.00	-9.20	Average
3	5350.866	8.63	34.48	43.44	44.73	44.40	54.00	-9.60	Average

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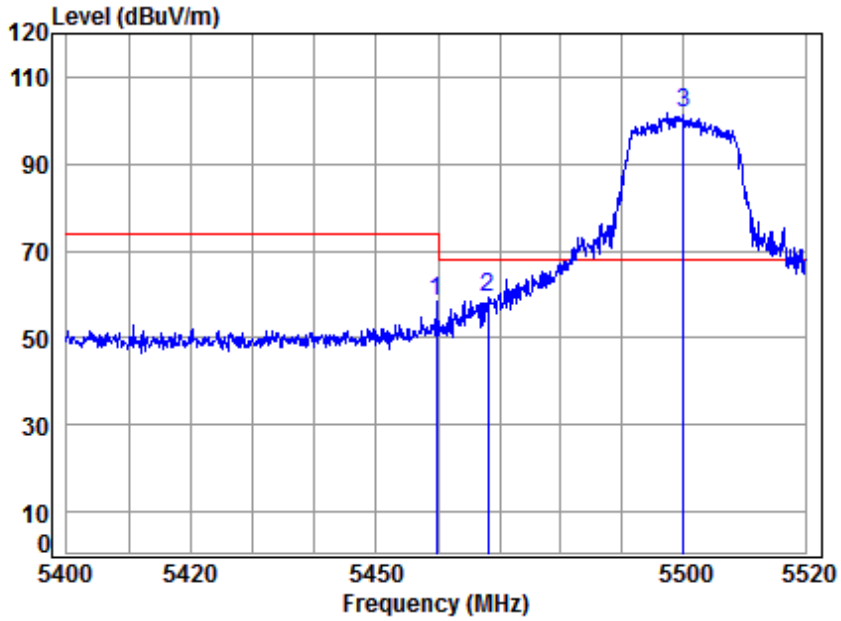
Test mode:	802.11ac(HT20)	Frequency(MHz):	5500	Peak	Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : 80005
Mode : 5500 Band edge
Note : 5G WiFi 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5459.791	8.79	34.57	43.33	58.43	58.46	74.00	-15.54	peak
2	5468.197	8.80	34.58	43.32	59.43	59.49	68.20	-8.71	peak
3 *	5500.000	8.85	34.60	43.29	101.48	101.64	68.20	33.44	peak

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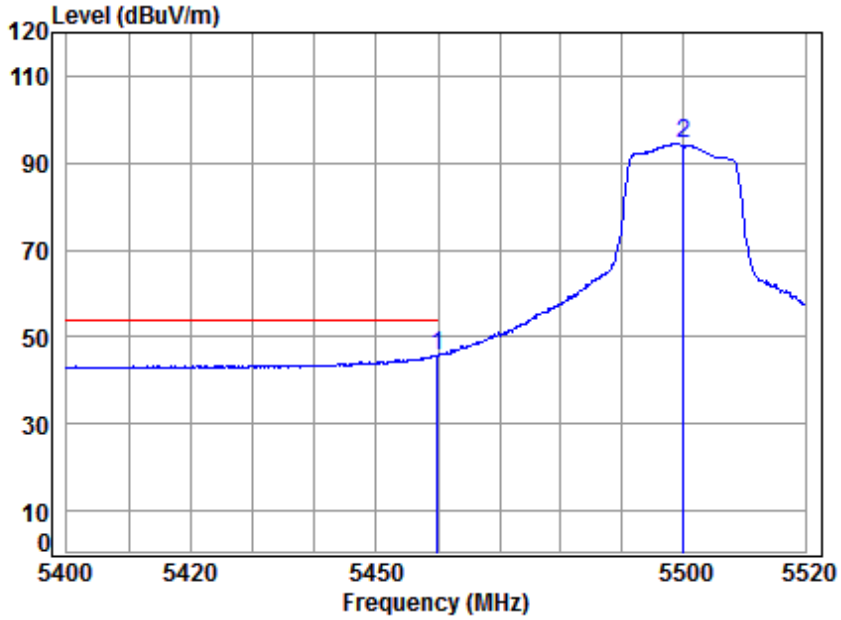
Test mode:	802.11ac(HT20)	Frequency(MHz):	5500	Average	Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : 80005
Mode : 5500 Band edge
Note : 5G WiFi 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5459.910	8.79	34.57	43.33	45.57	45.60	54.00	-8.40	Average
2	5500.000	8.85	34.60	43.29	94.33	94.49	------	------	Average

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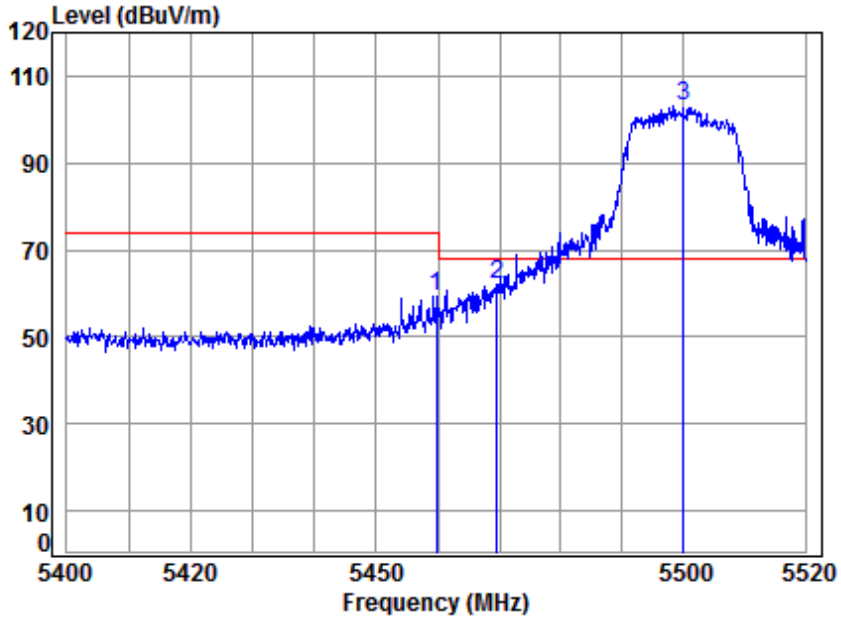
Test mode:	802.11ac(HT20)	Frequency(MHz):	5500	Peak	Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : 80005
Mode : 5500 Band edge
Note : 5G WiFi 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5459.791	8.79	34.57	43.33	59.45	59.48	74.00	-14.52	peak
2	5469.519	8.81	34.58	43.32	61.97	62.04	68.20	-6.16	peak
3 *	5500.000	8.85	34.60	43.29	102.94	103.10	68.20	34.90	peak

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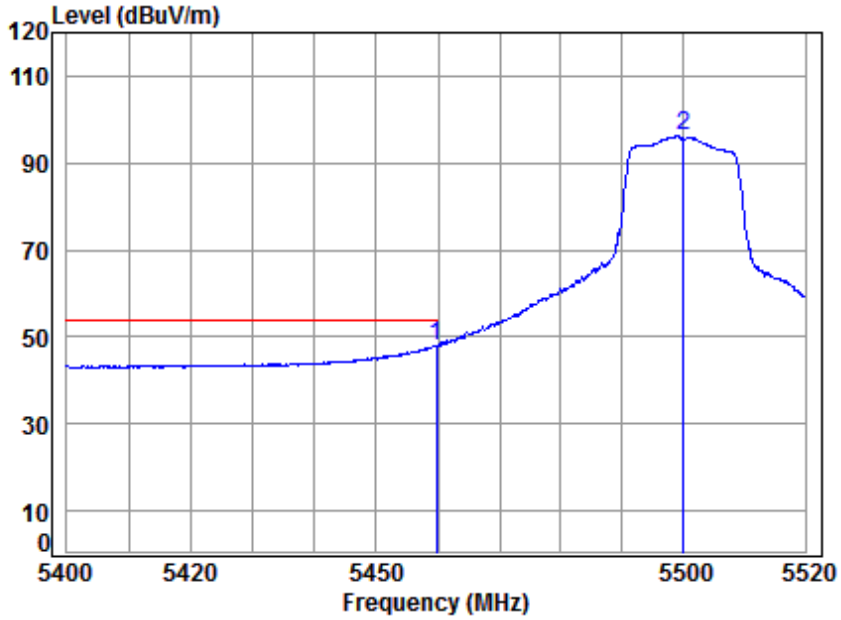
Test mode:	802.11ac(HT20)	Frequency(MHz):	5500	Average	Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : 80005
Mode : 5500 Band edge
Note : 5G WiFi 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5459.791	8.79	34.57	43.33	48.05	48.08	54.00	-5.92	Average
2	5500.000	8.85	34.60	43.29	95.98	96.14	------	------	Average

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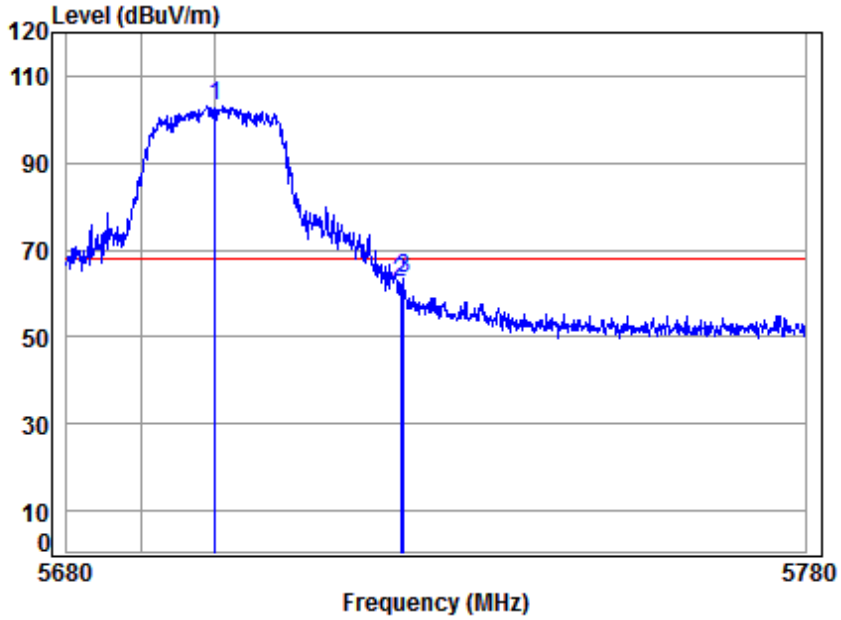
Test mode:	802.11ac(HT20)	Frequency(MHz):	5700	Peak	Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : 80005
Mode : 5700 Band edge
Note : 5G WiFi 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 *	5700.000	9.56	34.81	43.10	101.85	103.12	68.20	34.92	peak
2	5725.000	9.64	34.83	43.08	60.91	62.30	68.20	-5.90	peak
3	5725.483	9.64	34.83	43.08	62.04	63.43	68.20	-4.77	peak

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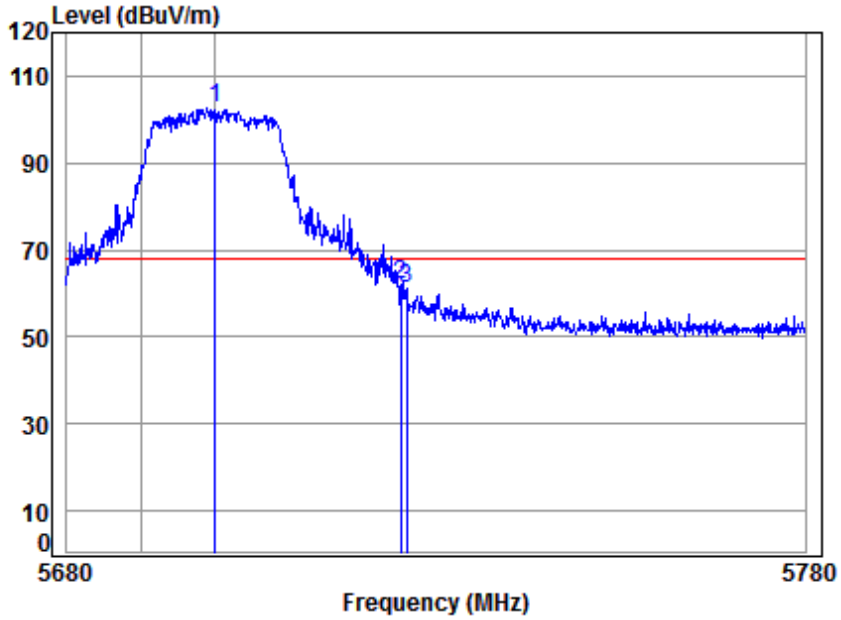
Test mode:	802.11ac(HT20)	Frequency(MHz):	5700	Peak	Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : 80005
Mode : 5700 Band edge
Note : 5G WiFi 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 *	5700.000	9.56	34.81	43.10	101.46	102.73	68.20	34.53	peak
2	5725.000	9.64	34.83	43.08	60.60	61.99	68.20	-6.21	peak
3	5725.883	9.65	34.83	43.08	59.94	61.34	68.20	-6.86	peak

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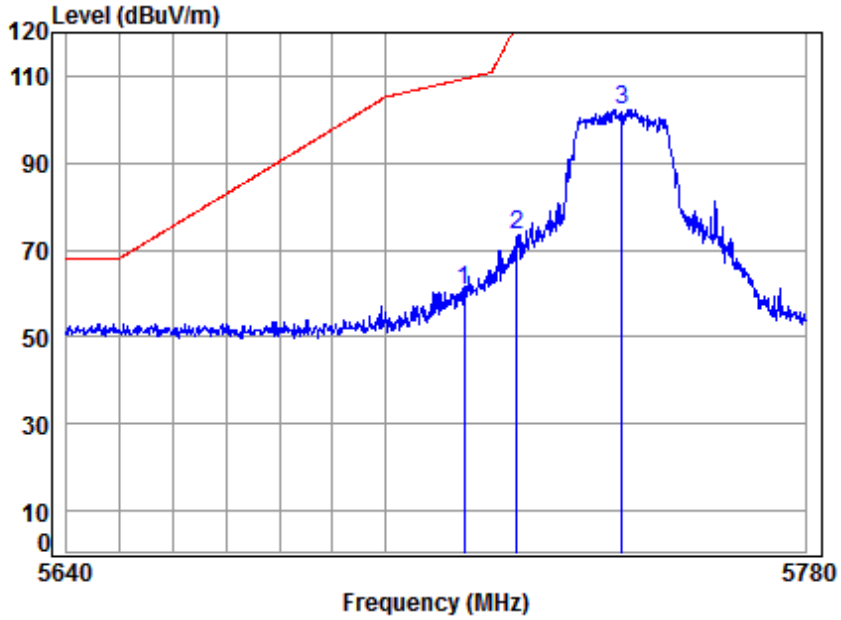
Test mode:	802.11ac(HT20)	Frequency(MHz):	5745	Peak	Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : 80005
Mode : 5745 Band edge
Note : 5G WiFi 11AC 20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5715.000	9.61	34.82	43.09	59.34	60.68	109.40	-48.72	peak
2	5725.000	9.64	34.83	43.08	71.90	73.29	122.20	-48.91	peak
3	5745.000	9.71	34.85	43.06	100.90	102.40	125.20	-22.80	peak

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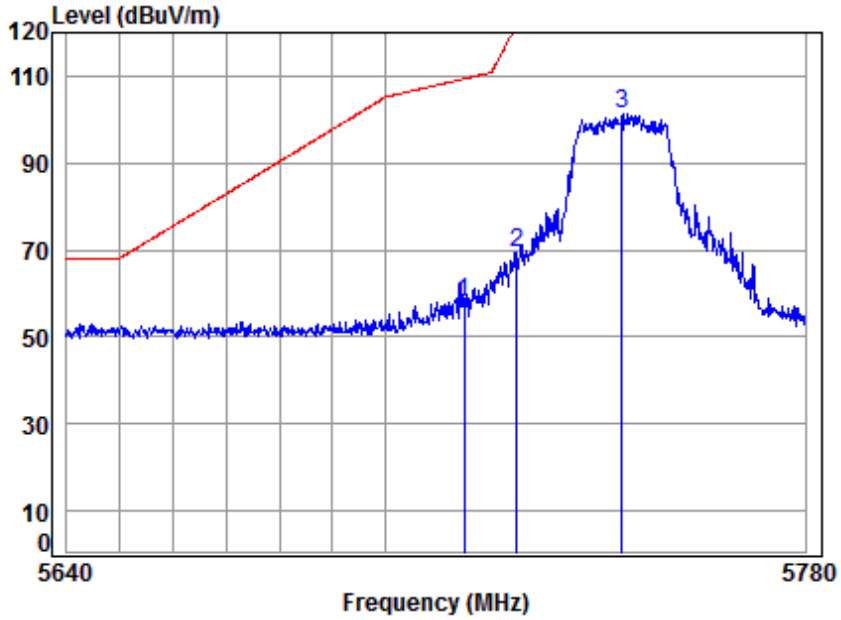
Test mode:	802.11ac(HT20)	Frequency(MHz):	5745	Peak	Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : 80005
Mode : 5745 Band edge
Note : 5G WiFi 11AC 20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5715.000	9.61	34.82	43.09	56.45	57.79	109.40	-51.61	peak
2	5725.000	9.64	34.83	43.08	67.84	69.23	122.20	-52.97	peak
3	5745.000	9.71	34.85	43.06	99.97	101.47	125.20	-23.73	peak

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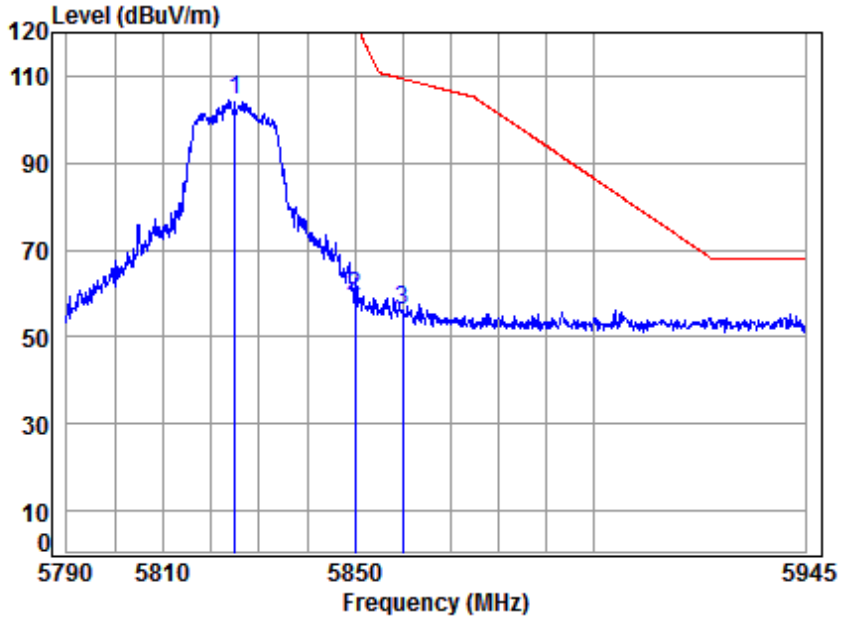
Test mode:	802.11ac(HT20)	Frequency(MHz):	5825	Peak	Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : 80005
Mode : 5825 Band edge
Note : 5G WiFi 11AC 20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5825.000	9.98	34.93	42.99	102.41	104.33	125.20	-20.87	peak
2	5850.000	10.07	34.95	42.96	57.24	59.30	122.20	-62.90	peak
3	5860.000	10.10	34.96	42.96	54.16	56.26	109.40	-53.14	peak

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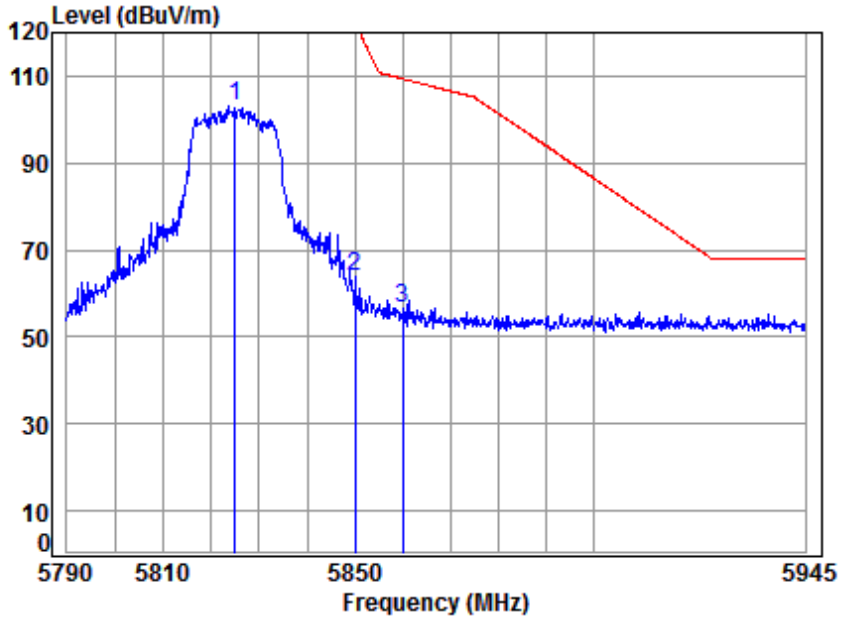
Test mode:	802.11ac(HT20)	Frequency(MHz):	5825	Peak	Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : 80005
Mode : 5825 Band edge
Note : 5G WiFi 11AC 20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5825.000	9.98	34.93	42.99	101.15	103.07	125.20	-22.13	peak
2	5850.000	10.07	34.95	42.96	61.74	63.80	122.20	-58.40	peak
3	5860.000	10.10	34.96	42.96	54.31	56.41	109.40	-52.99	peak

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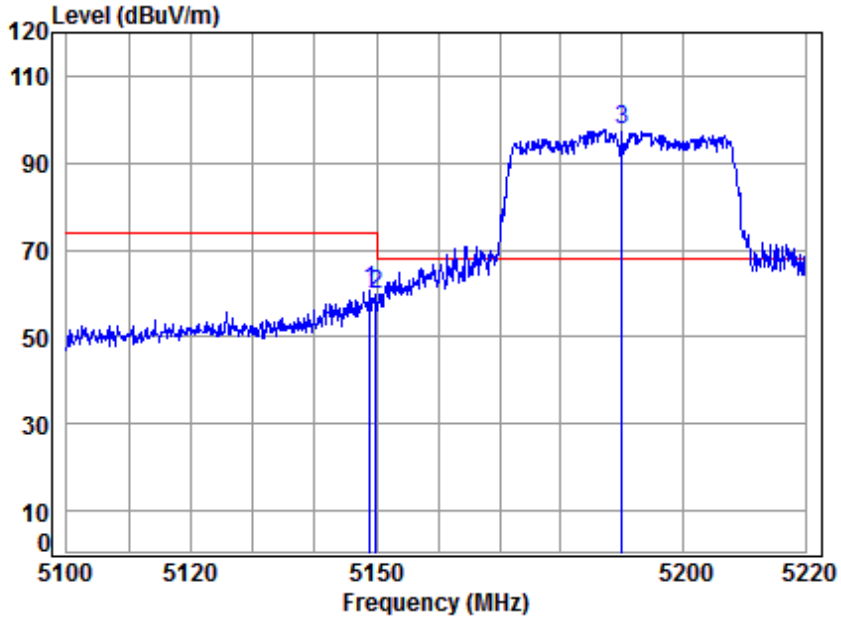
Test mode:	802.11ac(HT40)	Frequency(MHz):	5190	Peak	Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : 80005
Mode : 5190 Band edge
Note : 5G WiFi 11AC 40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5148.863	8.32	34.32	43.64	61.60	60.60	74.00	-13.40	peak
2	5149.980	8.33	34.32	43.64	60.71	59.72	74.00	-14.28	peak
3 *	5190.000	8.39	34.36	43.60	98.51	97.66	68.20	29.46	peak

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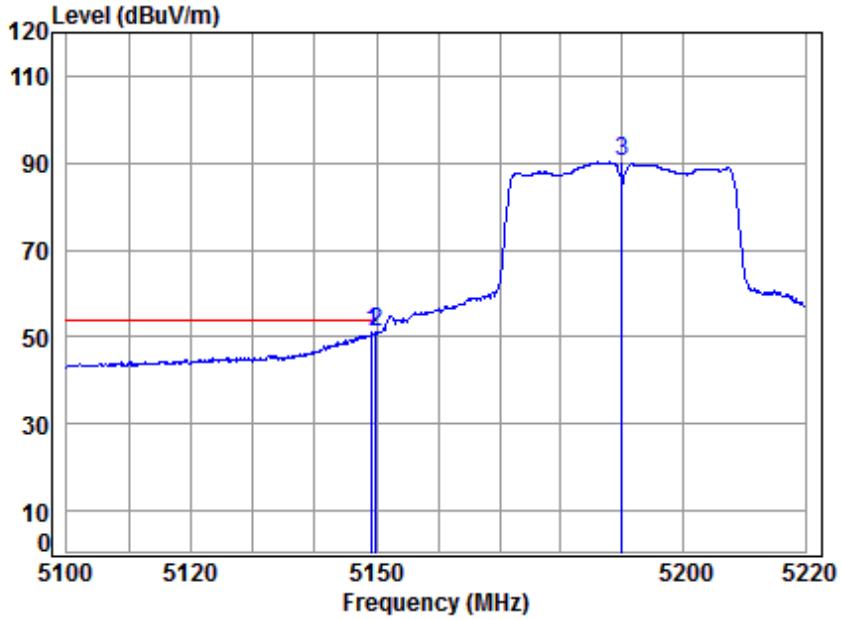
Test mode:	802.11ac(HT40)	Frequency(MHz):	5190	Average	Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : 80005
Mode : 5190 Band edge
Note : 5G WiFi 11AC 40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5149.342	8.32	34.32	43.64	51.91	50.91	54.00	-3.09	Average
2	5149.980	8.33	34.32	43.64	52.32	51.33	54.00	-2.67	Average
3	5190.000	8.39	34.36	43.60	90.99	90.14	------	------	Average

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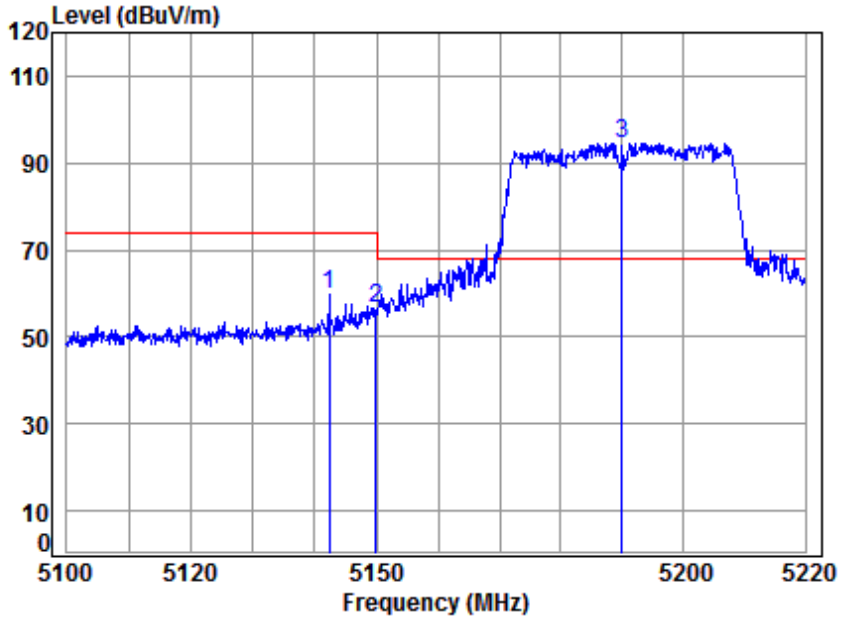
Test mode:	802.11ac(HT40)	Frequency(MHz):	5190	Peak	Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : 80005
Mode : 5190 Band edge
Note : 5G WiFi 11AC 40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5142.400	8.31	34.32	43.65	60.78	59.76	74.00	-14.24	peak
2	5149.980	8.33	34.32	43.64	57.48	56.49	74.00	-17.51	peak
3 *	5190.000	8.39	34.36	43.60	95.40	94.55	68.20	26.35	peak

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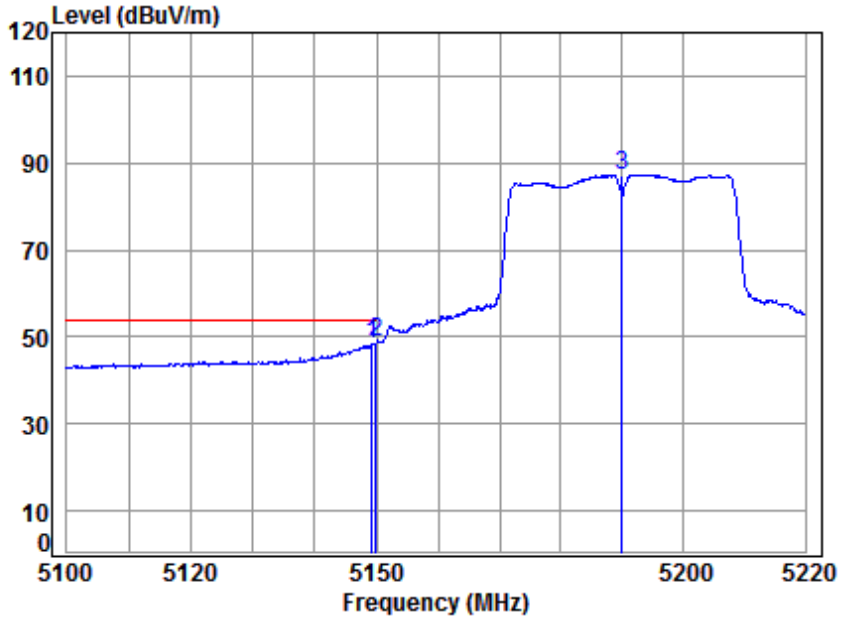
Test mode:	802.11ac(HT40)	Frequency(MHz):	5190	Average	Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : 80005
Mode : 5190 Band edge
Note : 5G WiFi 11AC 40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5149.342	8.32	34.32	43.64	49.46	48.46	54.00	-5.54	Average
2	5149.980	8.33	34.32	43.64	50.02	49.03	54.00	-4.97	Average
3	5190.000	8.39	34.36	43.60	88.13	87.28	------	------	Average

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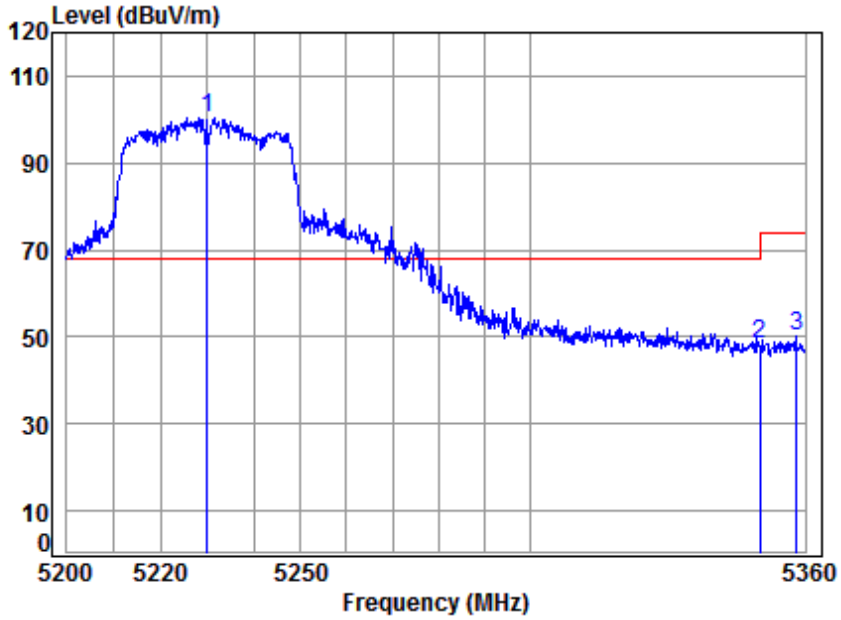
Test mode:	802.11ac(HT40)	Frequency(MHz):	5230	Peak	Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : 80005
Mode : 5230 Band edge
Note : 5G WiFi 11AC 40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 *	5230.000	8.45	34.39	38.35	95.94	100.43	68.20	32.23	peak
2	5350.020	8.63	34.48	38.27	43.75	48.59	74.00	-25.41	peak
3	5358.051	8.64	34.49	38.26	45.32	50.19	74.00	-23.81	peak

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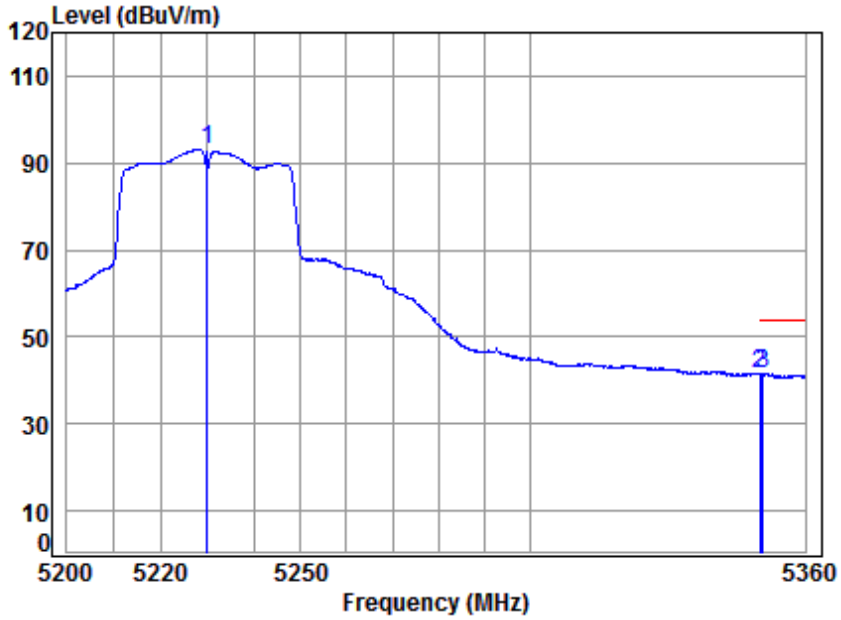
Test mode:	802.11ac(HT40)	Frequency(MHz):	5230	Average	Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : 80005
Mode : 5230 Band edge
Note : 5G WiFi 11AC 40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5230.000	8.45	34.39	38.35	88.57	93.06	------	------	Average
2	5350.020	8.63	34.48	38.27	36.65	41.49	54.00	-12.51	Average
3	5350.749	8.63	34.48	38.26	36.58	41.43	54.00	-12.57	Average

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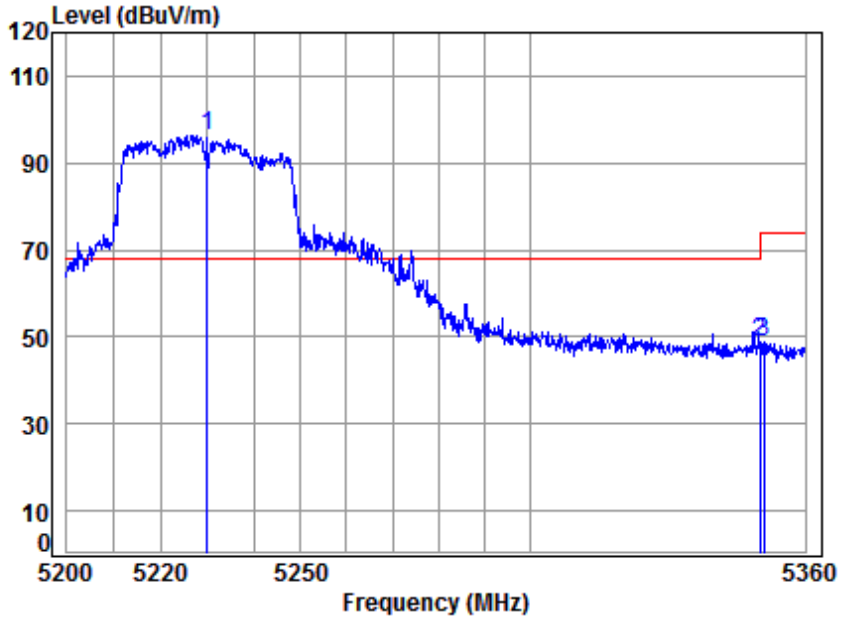
Test mode:	802.11ac(HT40)	Frequency(MHz):	5230	Peak	Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : 80005
Mode : 5230 Band edge
Note : 5G WiFi 11AC 40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 *	5230.000	8.45	34.39	38.35	92.00	96.49	68.20	28.29	peak
2	5350.020	8.63	34.48	38.27	44.02	48.86	74.00	-25.14	peak
3	5350.911	8.63	34.48	38.26	43.77	48.62	74.00	-25.38	peak

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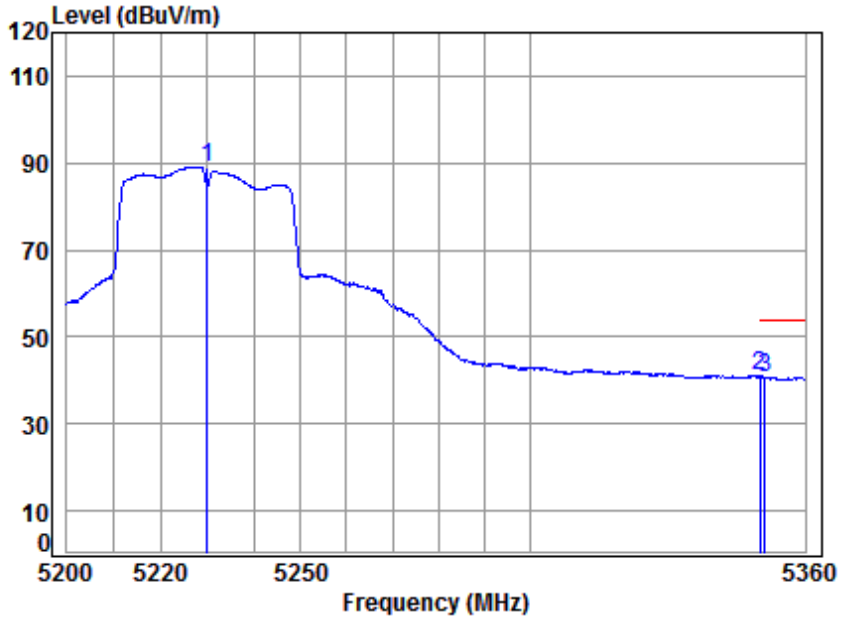
Test mode:	802.11ac(HT40)	Frequency(MHz):	5230	Average	Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : 80005
Mode : 5230 Band edge
Note : 5G WiFi 11AC 40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5230.000	8.45	34.39	38.35	84.67	89.16	------	------	Average
2	5350.020	8.63	34.48	38.27	36.17	41.01	54.00	-12.99	Average
3	5351.073	8.63	34.48	38.26	35.98	40.83	54.00	-13.17	Average

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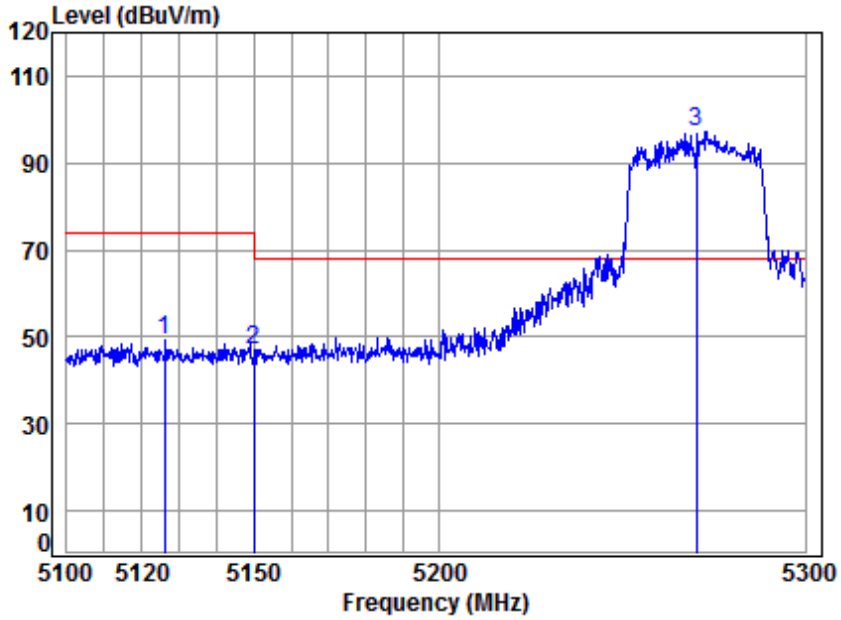
Test mode:	802.11ac(HT40)	Frequency(MHz):	5270	Peak	Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : 80005
Mode : 5270 Band edge
Note : 5G WiFi 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5126.159	8.29	34.30	43.67	50.17	49.09	74.00	-24.91	peak
2	5149.980	8.33	34.32	43.64	48.14	47.15	74.00	-26.85	peak
3 *	5270.000	8.51	34.42	43.52	97.95	97.36	68.20	29.16	peak

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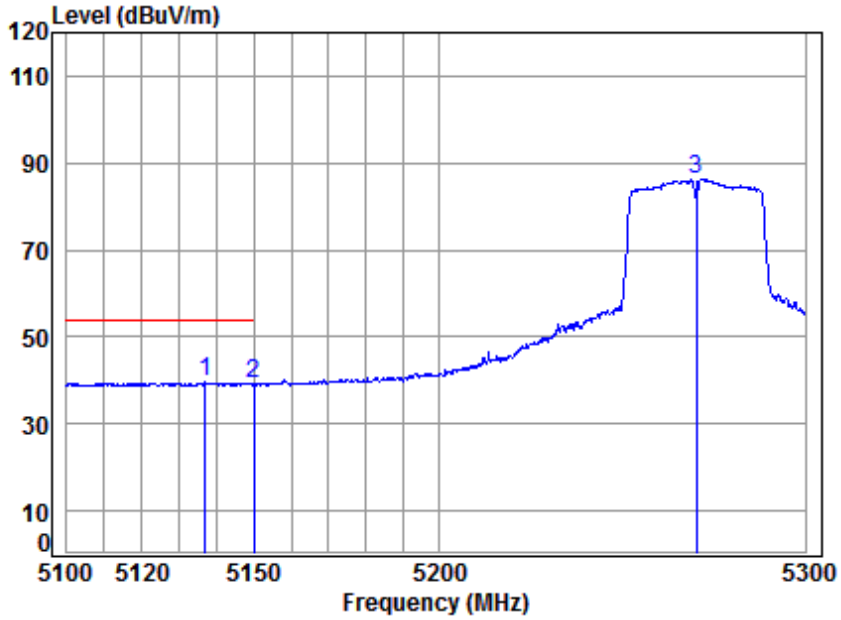
Test mode:	802.11ac(HT40)	Frequency(MHz):	5270	Average	Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : 80005
Mode : 5270 Band edge
Note : 5G WiFi 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5137.015	8.31	34.31	43.66	40.58	39.54	54.00	-14.46	Average
2	5149.980	8.33	34.32	43.64	40.33	39.34	54.00	-14.66	Average
3	5270.000	8.51	34.42	43.52	86.92	86.33	------	------	Average

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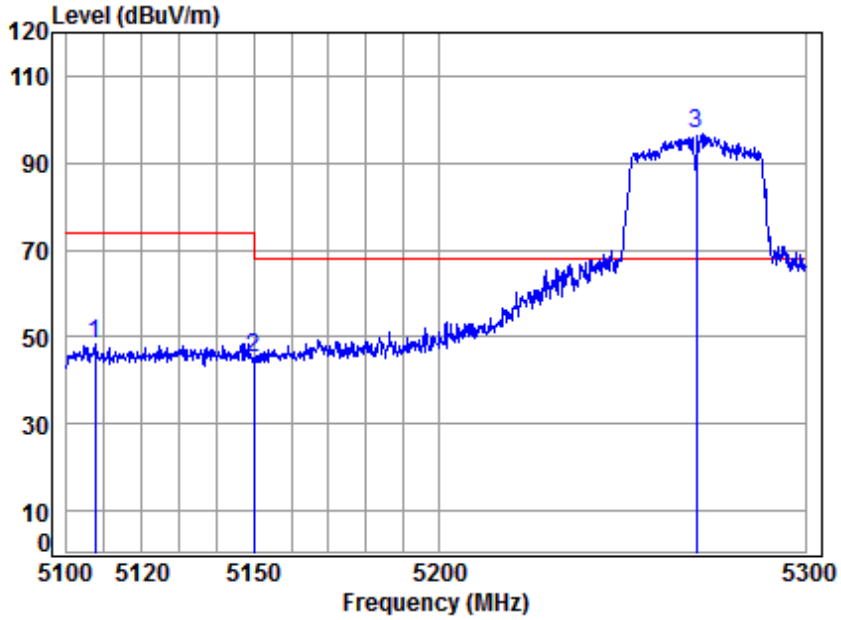
Test mode:	802.11ac(HT40)	Frequency(MHz):	5270	Peak	Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : 80005
Mode : 5270 Band edge
Note : 5G WiFi 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5107.460	8.26	34.29	43.69	49.39	48.25	74.00	-25.75	peak
2	5149.980	8.33	34.32	43.64	46.14	45.15	74.00	-28.85	peak
3 *	5270.000	8.51	34.42	43.52	97.44	96.85	68.20	28.65	peak

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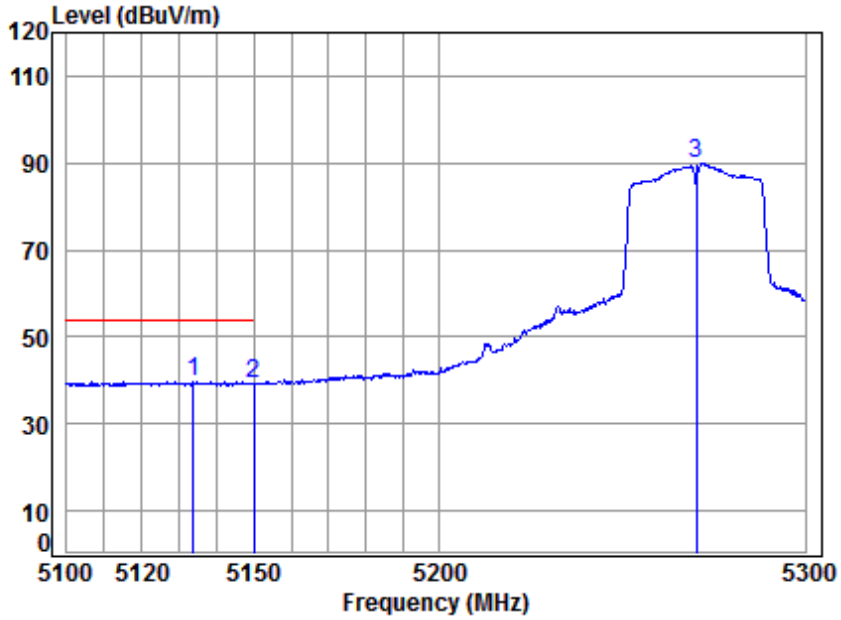
Test mode:	802.11ac(HT40)	Frequency(MHz):	5270	Average	Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : 80005
Mode : 5270 Band edge
Note : 5G WiFi 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5133.854	8.30	34.31	43.66	40.82	39.77	54.00	-14.23	Average
2	5149.980	8.33	34.32	43.64	40.16	39.17	54.00	-14.83	Average
3	5270.000	8.51	34.42	43.52	90.37	89.78	------	------	Average

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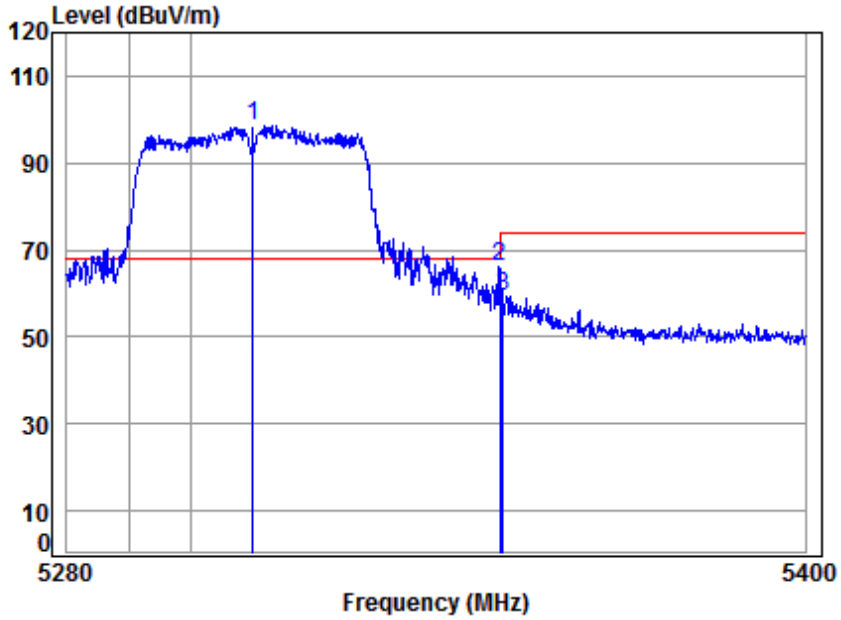
Test mode:	802.11ac(HT40)	Frequency(MHz):	5310	Peak	Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : 80005
Mode : 5310 Band edge
Note : 5G WiFi 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 *	5310.000	8.57	34.45	43.48	99.00	98.54	68.20	30.34	peak
2	5350.020	8.63	34.48	43.44	66.64	66.31	74.00	-7.69	peak
3	5350.594	8.63	34.48	43.44	59.85	59.52	74.00	-14.48	peak

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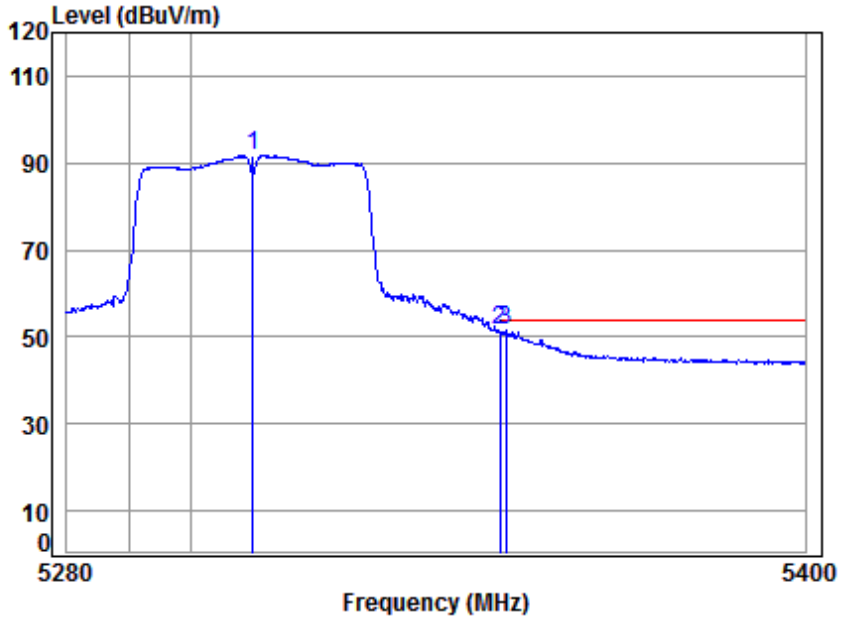
Test mode:	802.11ac(HT40)	Frequency(MHz):	5310	Average	Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : 80005
Mode : 5310 Band edge
Note : 5G WiFi 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5310.000	8.57	34.45	43.48	92.16	91.70	------	------	Average
2	5350.020	8.63	34.48	43.44	51.72	51.39	54.00	-2.61	Average
3	5351.075	8.63	34.48	43.44	51.90	51.57	54.00	-2.43	Average

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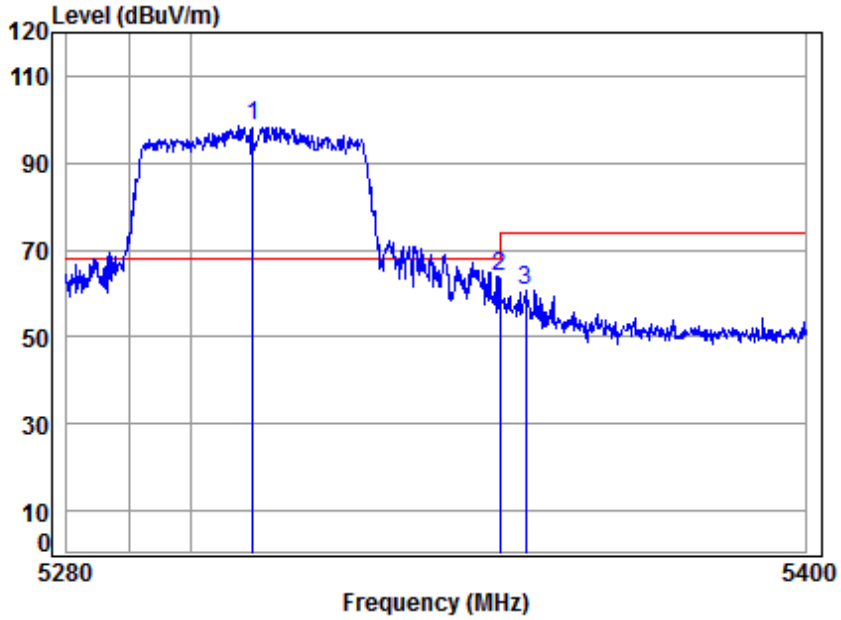
Test mode:	802.11ac(HT40)	Frequency(MHz):	5310	Peak	Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : 80005
Mode : 5310 Band edge
Note : 5G WiFi 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 *	5310.000	8.57	34.45	43.48	99.14	98.68	68.20	30.48	peak
2	5350.020	8.63	34.48	43.44	64.16	63.83	74.00	-10.17	peak
3	5354.202	8.64	34.49	43.44	60.89	60.58	74.00	-13.42	peak

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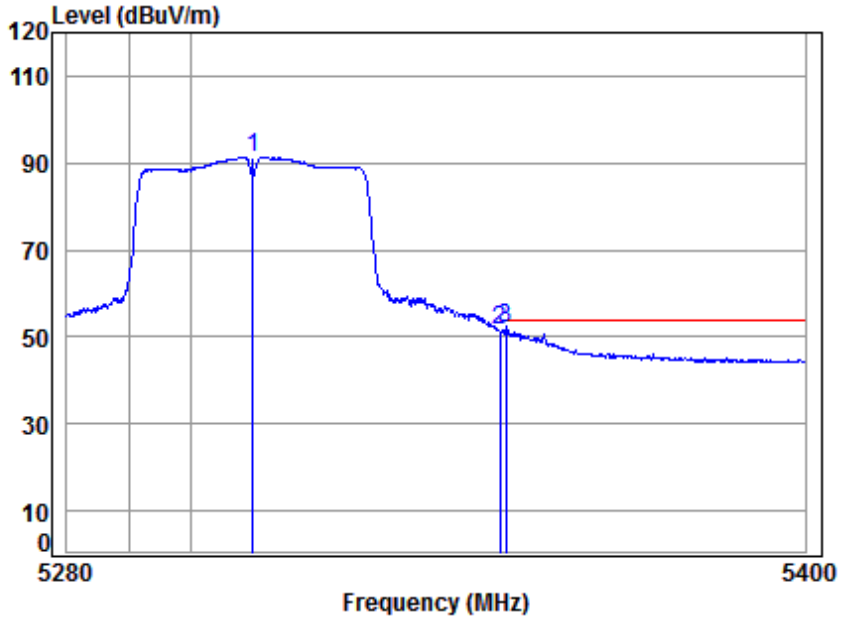
Test mode:	802.11ac(HT40)	Frequency(MHz):	5310	Average	Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : 80005
Mode : 5310 Band edge
Note : 5G WiFi 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5310.000	8.57	34.45	43.48	91.88	91.42	------	------	Average
2	5350.020	8.63	34.48	43.44	52.07	51.74	54.00	-2.26	Average
3	5351.075	8.63	34.48	43.44	52.23	51.90	54.00	-2.10	Average

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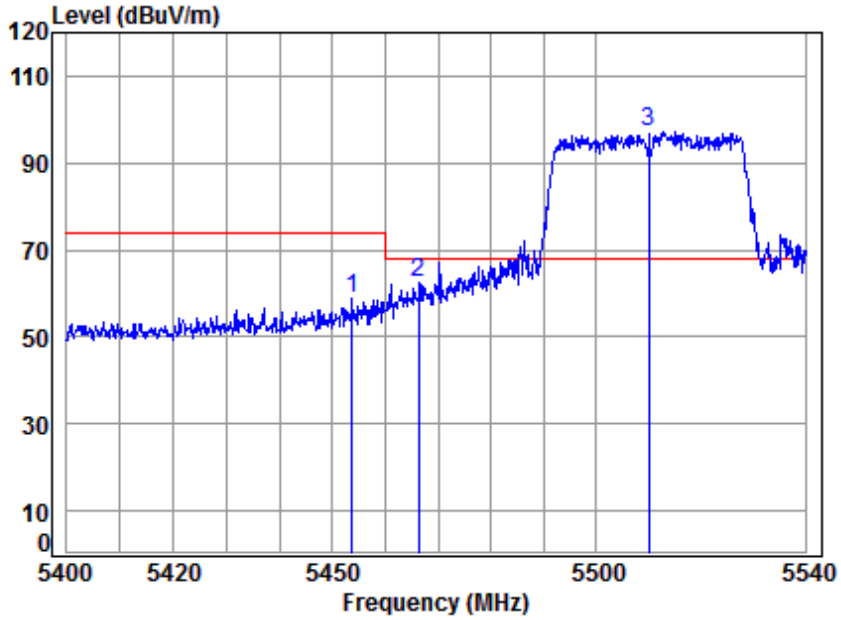
Test mode:	802.11ac(HT40)	Frequency(MHz):	5510	Peak	Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : 80005
Mode : 5510 Band edge
Note : 5G WiFi 11AC 40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5453.616	8.78	34.56	43.34	58.82	58.82	74.00	-15.18	peak
2	5466.333	8.80	34.57	43.33	62.26	62.30	68.20	-5.90	peak
3 *	5510.000	8.89	34.61	43.28	96.83	97.05	68.20	28.85	peak

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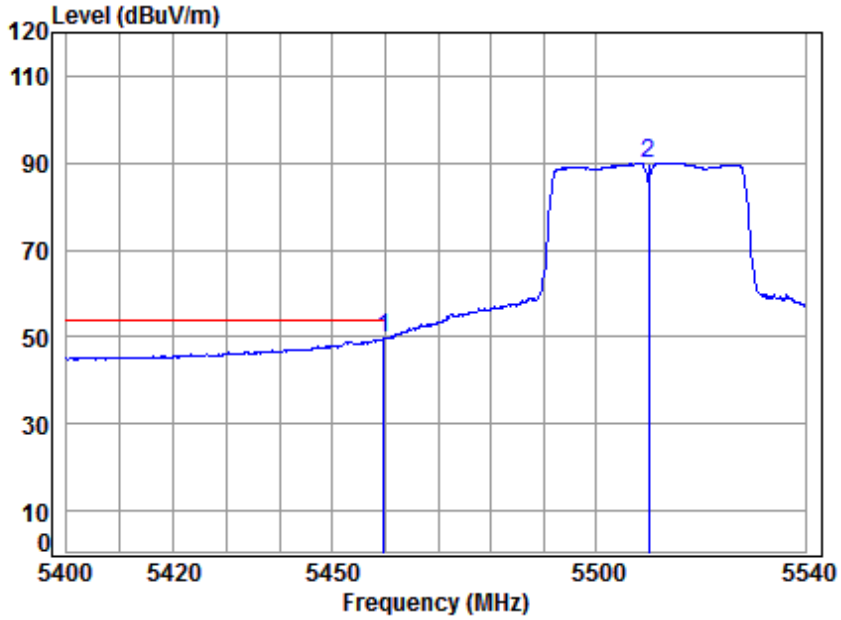
Test mode:	802.11ac(HT40)	Frequency(MHz):	5510	Average	Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : 80005
Mode : 5510 Band edge
Note : 5G WiFi 11AC 40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5459.622	8.79	34.57	43.33	49.77	49.80	54.00	-4.20	Average
2	5510.000	8.89	34.61	43.28	89.74	89.96	------	------	Average

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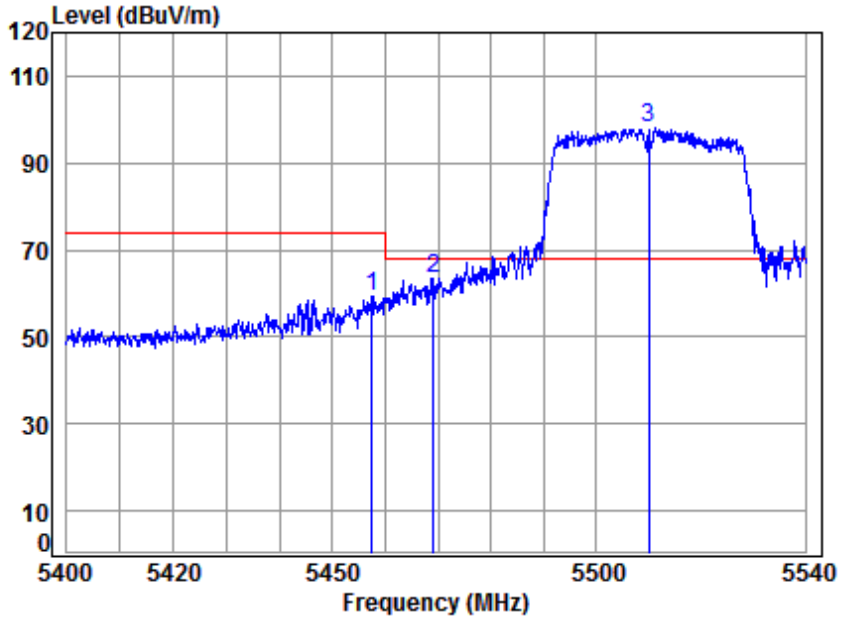
Test mode:	802.11ac(HT40)	Frequency(MHz):	5510	Peak	Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : 80005
Mode : 5510 Band edge
Note : 5G WiFi 11AC 40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5457.526	8.79	34.57	43.33	59.31	59.34	74.00	-14.66	peak
2	5468.992	8.80	34.58	43.32	63.34	63.40	68.20	-4.80	peak
3 *	5510.000	8.89	34.61	43.28	97.67	97.89	68.20	29.69	peak

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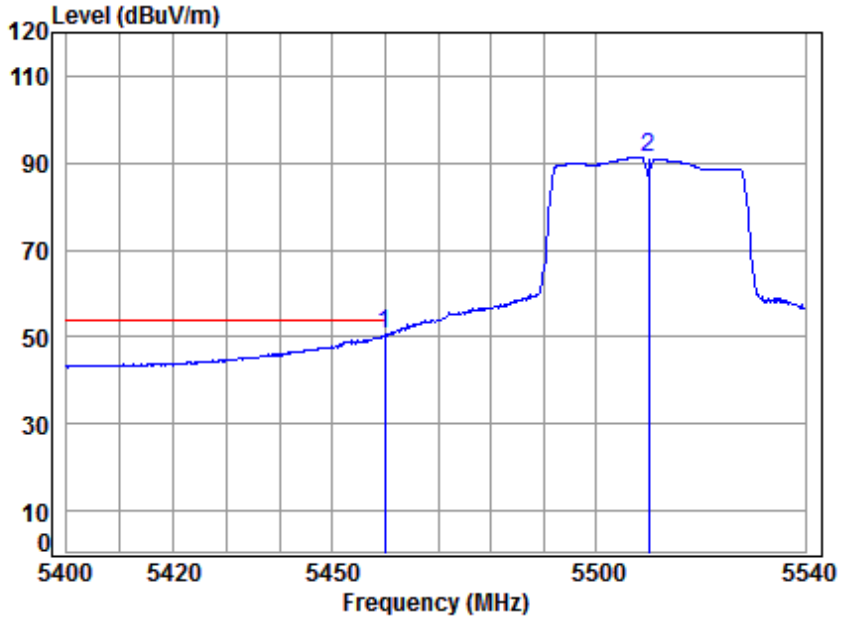
Test mode:	802.11ac(HT40)	Frequency(MHz):	5510	Average	Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : 80005
Mode : 5510 Band edge
Note : 5G WiFi 11AC 40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5459.901	8.79	34.57	43.33	50.41	50.44	54.00	-3.56	Average
2	5510.000	8.89	34.61	43.28	91.15	91.37	------	------	Average

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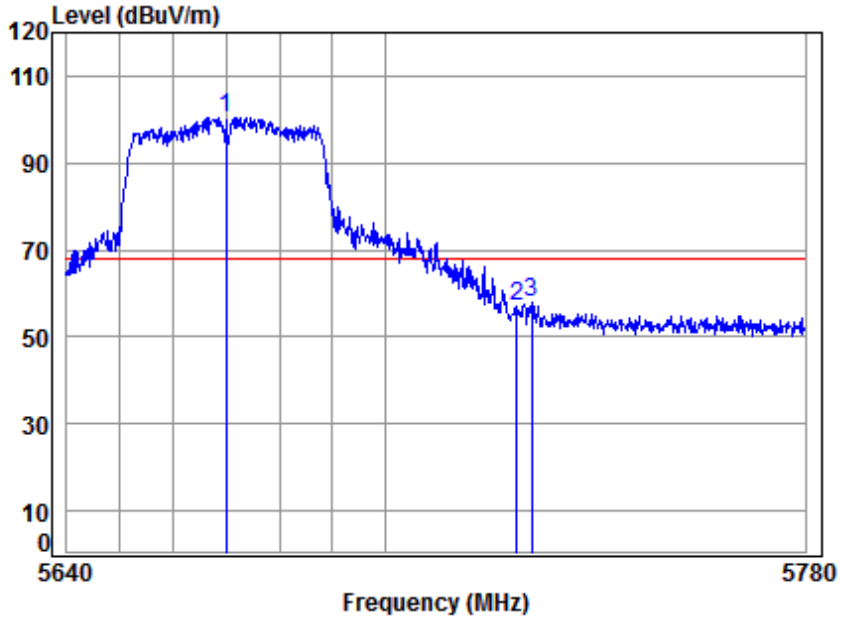
Test mode:	802.11ac(HT40)	Frequency(MHz):	5670	Peak	Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : 80005
Mode : 5670 Band edge
Note : 5G WiFi 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 *	5670.000	9.45	34.77	43.13	99.44	100.53	68.20	32.33	peak
2	5725.000	9.64	34.83	43.08	55.83	57.22	68.20	-10.98	peak
3	5727.659	9.65	34.83	43.08	56.50	57.90	68.20	-10.30	peak

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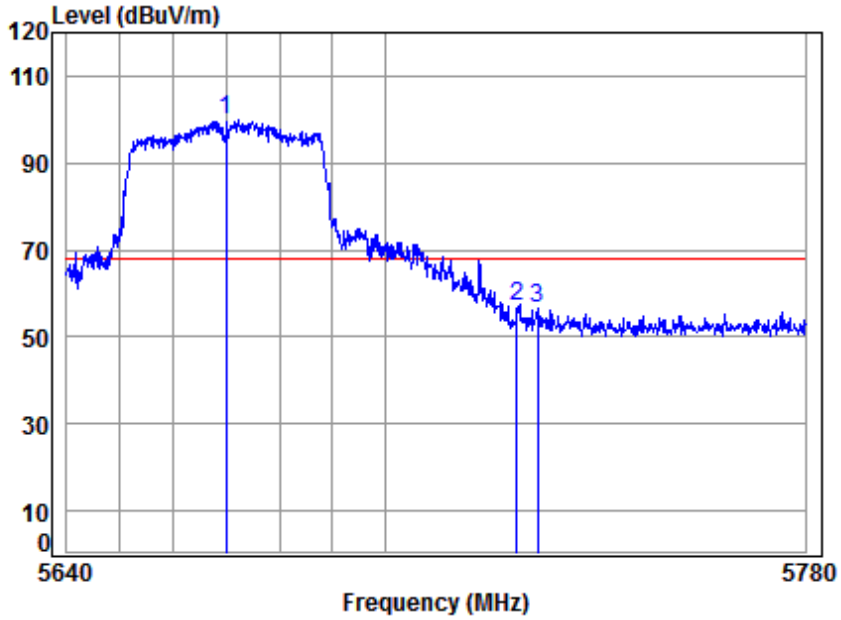
Test mode:	802.11ac(HT40)	Frequency(MHz):	5670	Peak	Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : 80005
Mode : 5670 Band edge
Note : 5G WiFi 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 *	5670.000	9.45	34.77	43.13	98.63	99.72	68.20	31.52	peak
2	5725.000	9.64	34.83	43.08	55.53	56.92	68.20	-11.28	peak
3	5728.923	9.66	34.83	43.08	54.95	56.36	68.20	-11.84	peak

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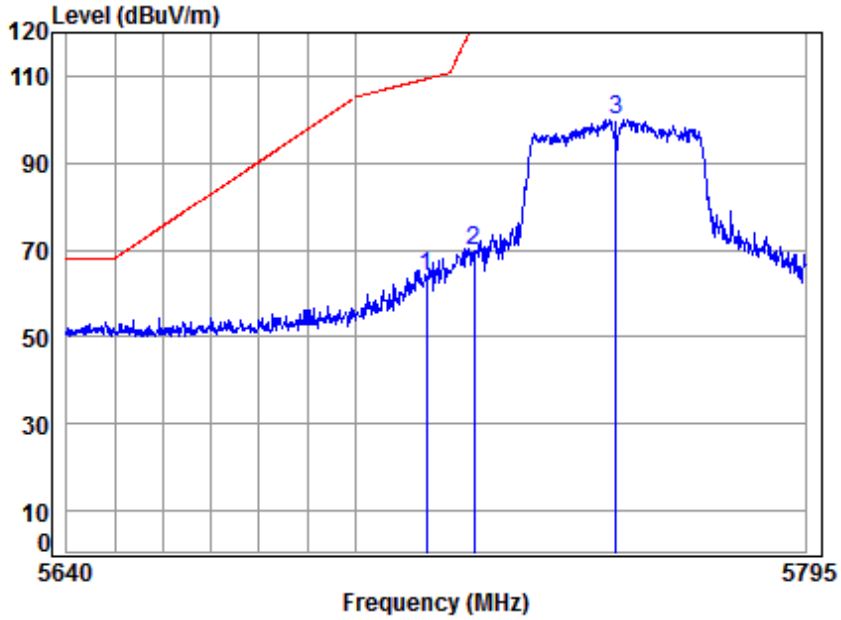
Test mode:	802.11ac(HT40)	Frequency(MHz):	5755	Peak	Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : 80005
Mode : 5755 Band edge
Note : 5G WiFi 11AC 40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5715.000	9.61	34.82	43.09	62.57	63.91	109.40	-45.49	peak
2	5725.000	9.64	34.83	43.08	68.35	69.74	122.20	-52.46	peak
3	5755.000	9.75	34.86	43.05	98.44	100.00	125.20	-25.20	peak

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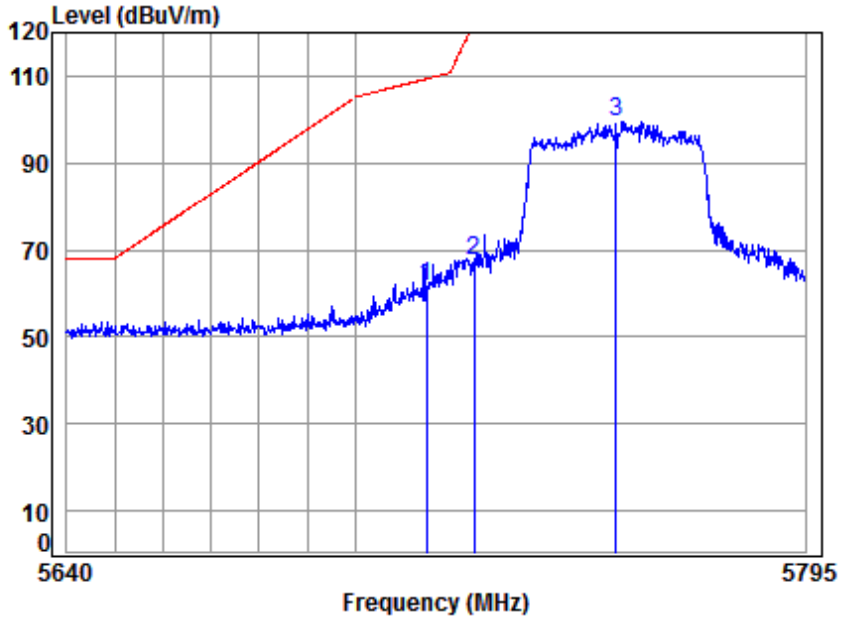
Test mode:	802.11ac(HT40)	Frequency(MHz):	5755	Peak	Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : 80005
Mode : 5755 Band edge
Note : 5G WiFi 11AC 40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5715.000	9.61	34.82	43.09	60.12	61.46	109.40	-47.94	peak
2	5725.000	9.64	34.83	43.08	66.37	67.76	122.20	-54.44	peak
3	5755.000	9.75	34.86	43.05	98.09	99.65	125.20	-25.55	peak

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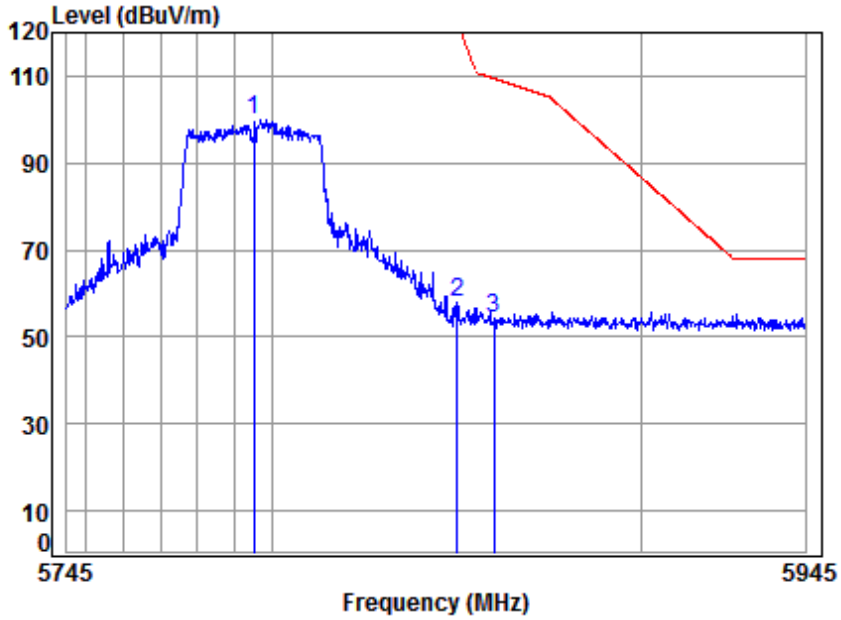
Test mode:	802.11ac(HT40)	Frequency(MHz):	5795	Peak	Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : 80005
Mode : 5795 Band edge
Note : 5G WiFi 11AC 40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5795.000	9.88	34.90	43.02	98.25	100.01	125.20	-25.19	peak
2	5850.000	10.07	34.95	42.96	56.08	58.14	122.20	-64.06	peak
3	5860.000	10.10	34.96	42.96	52.36	54.46	109.40	-54.94	peak

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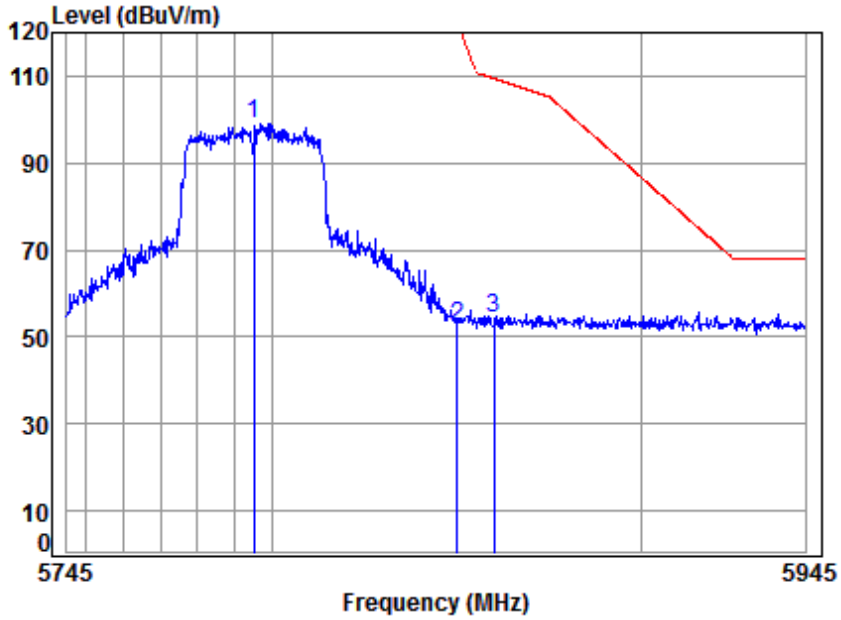
Test mode:	802.11ac(HT40)	Frequency(MHz):	5795	Peak	Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : 80005
Mode : 5795 Band edge
Note : 5G WiFi 11AC 40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5795.000	9.88	34.90	43.02	97.29	99.05	125.20	-26.15	peak
2	5850.000	10.07	34.95	42.96	50.53	52.59	122.20	-69.61	peak
3	5860.000	10.10	34.96	42.96	52.36	54.46	109.40	-54.94	peak

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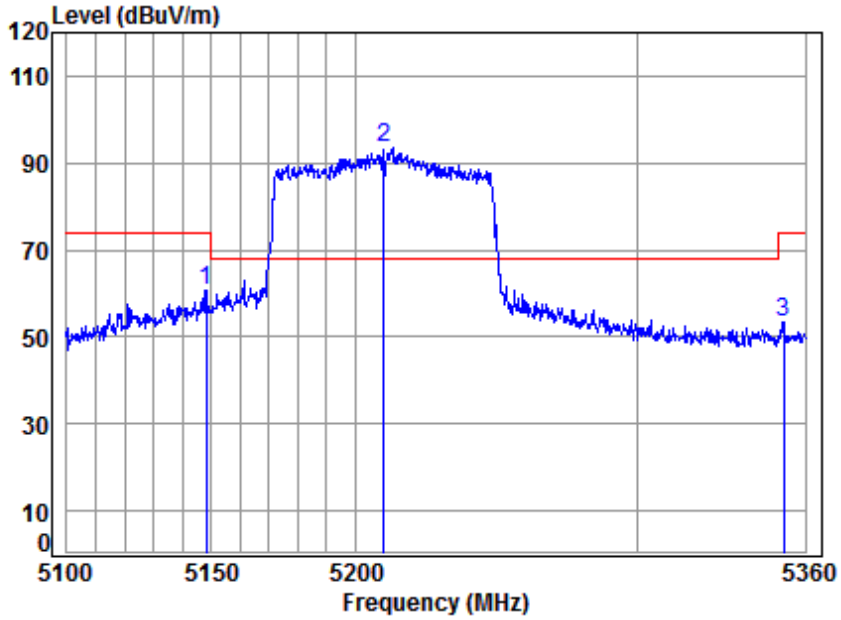
Test mode:	802.11ac(HT80)	Frequency(MHz):	5210	Peak	Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : 80005
Mode : 5210 Band edge
Note : 5G WiFi 11AC 80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5148.154	8.32	34.32	43.64	61.69	60.69	74.00	-13.31	peak
2 *	5210.000	8.42	34.37	43.58	94.49	93.70	68.20	25.50	peak
3	5352.276	8.63	34.49	43.44	53.86	53.54	74.00	-20.46	peak

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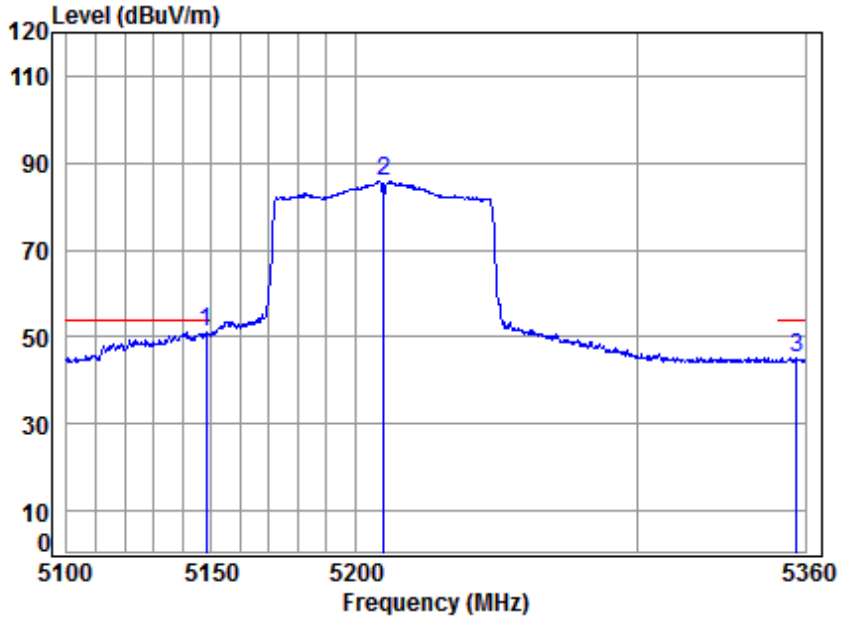
Test mode:	802.11ac(HT80)	Frequency(MHz):	5210	Average	Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : 80005
Mode : 5210 Band edge
Note : 5G WiFi 11AC 80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5148.154	8.32	34.32	43.64	51.94	50.94	54.00	-3.06	Average
2	5210.000	8.42	34.37	43.58	86.57	85.78	------	------	Average
3	5357.069	8.64	34.49	43.43	45.60	45.30	54.00	-8.70	Average

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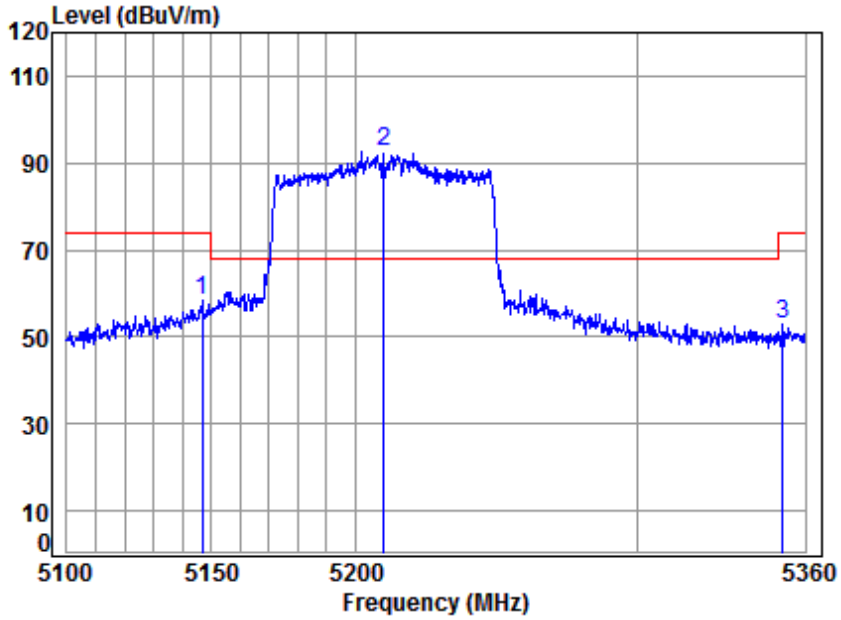
Test mode:	802.11ac(HT80)	Frequency(MHz):	5210	Peak	Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : 80005
Mode : 5210 Band edge
Note : 5G WiFi 11AC 80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5146.875	8.32	34.32	43.65	59.23	58.22	74.00	-15.78	peak
2 *	5210.000	8.42	34.37	43.58	93.23	92.44	68.20	24.24	peak
3	5351.744	8.63	34.49	43.44	53.08	52.76	74.00	-21.24	peak

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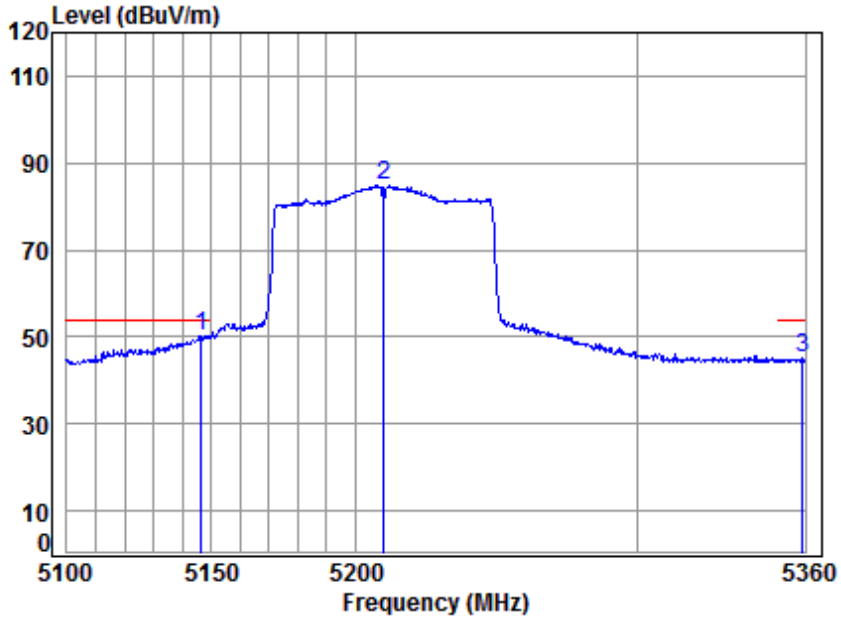
Test mode:	802.11ac(HT80)	Frequency(MHz):	5210	Average	Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : 80005
Mode : 5210 Band edge
Note : 5G WiFi 11AC 80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5146.363	8.32	34.32	43.65	51.28	50.27	54.00	-3.73	Average
2	5210.000	8.42	34.37	43.58	85.65	84.86	------	------	Average
3	5359.201	8.64	34.49	43.43	45.53	45.23	54.00	-8.77	Average

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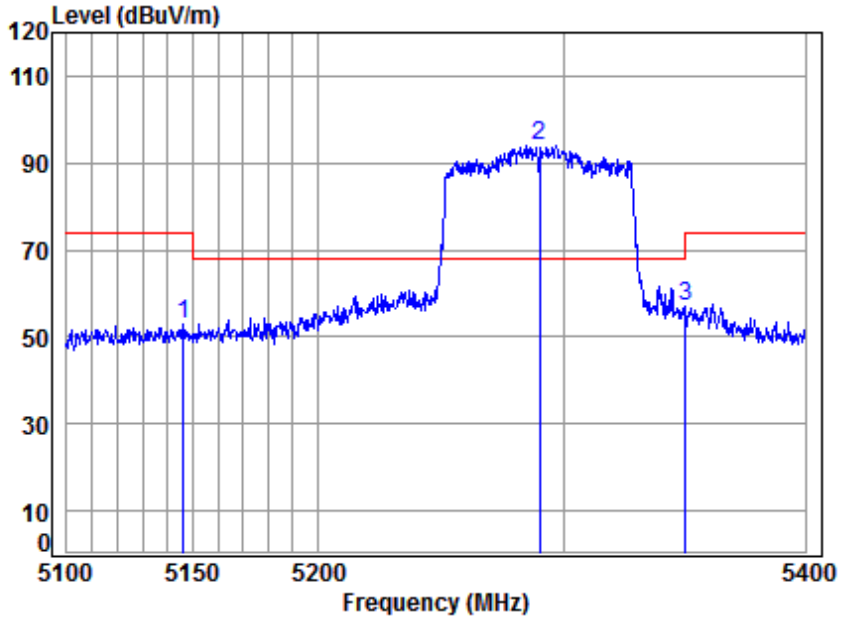
Test mode:	802.11ac(HT80)	Frequency(MHz):	5290	Peak	Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : 80005
Mode : 5290 Band edge
Note : 5G WiFi 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5146.267	8.32	34.32	43.65	53.97	52.96	74.00	-21.04	peak
2 *	5290.000	8.54	34.44	43.50	94.47	93.95	68.20	25.75	peak
3	5350.229	8.63	34.48	43.44	57.56	57.23	74.00	-16.77	peak

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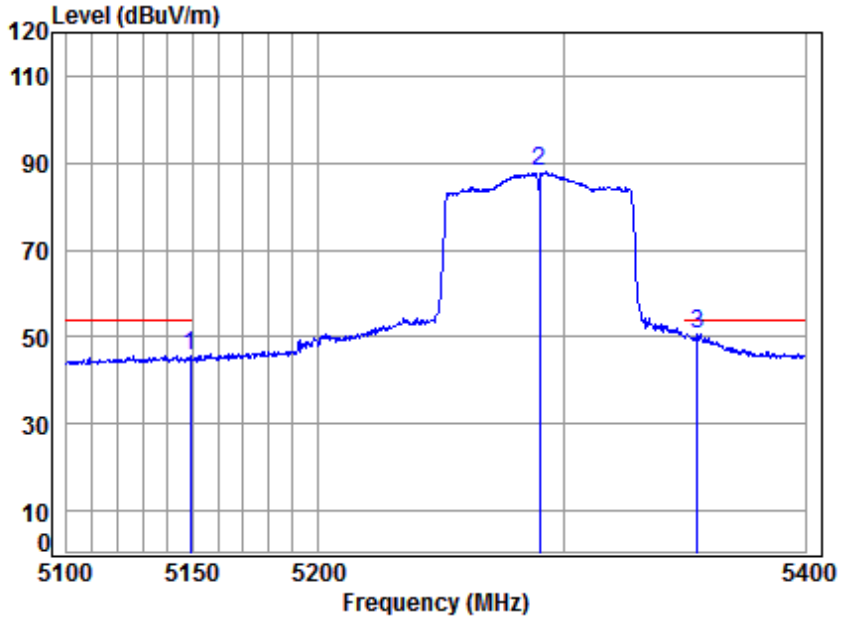
Test mode:	802.11ac(HT80)	Frequency(MHz):	5290	Average	Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : 80005
Mode : 5290 Band edge
Note : 5G WiFi 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5149.209	8.32	34.32	43.64	46.56	45.56	54.00	-8.44	Average
2	5290.000	8.54	34.44	43.50	88.48	87.96	------	------	Average
3	5355.124	8.64	34.49	43.44	51.02	50.71	54.00	-3.29	Average

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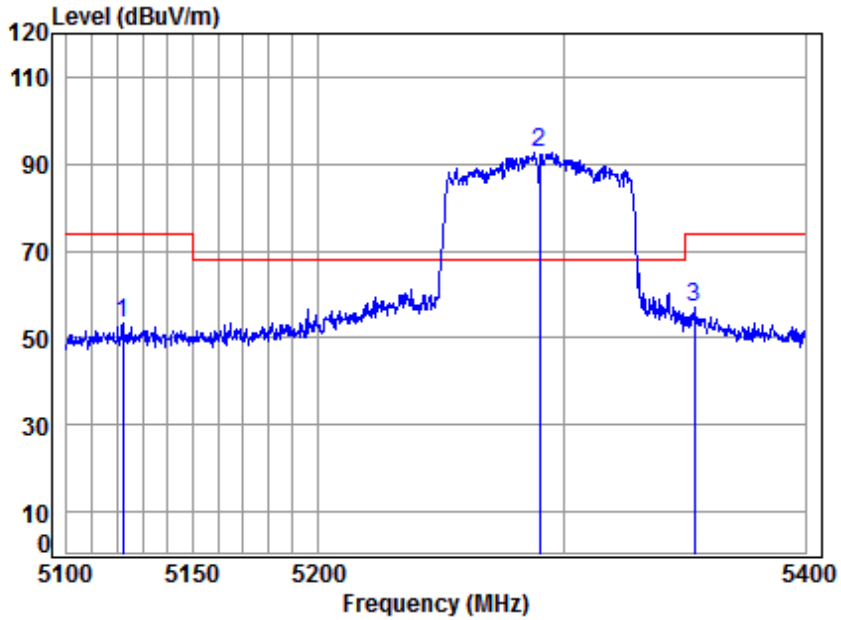
Test mode:	802.11ac(HT80)	Frequency(MHz):	5290	Peak	Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : 80005
Mode : 5290 Band edge
Note : 5G WiFi 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5122.203	8.28	34.30	43.67	54.26	53.17	74.00	-20.83	peak
2 *	5290.000	8.54	34.44	43.50	93.33	92.81	68.20	24.61	peak
3	5353.899	8.64	34.49	43.44	57.12	56.81	74.00	-17.19	peak

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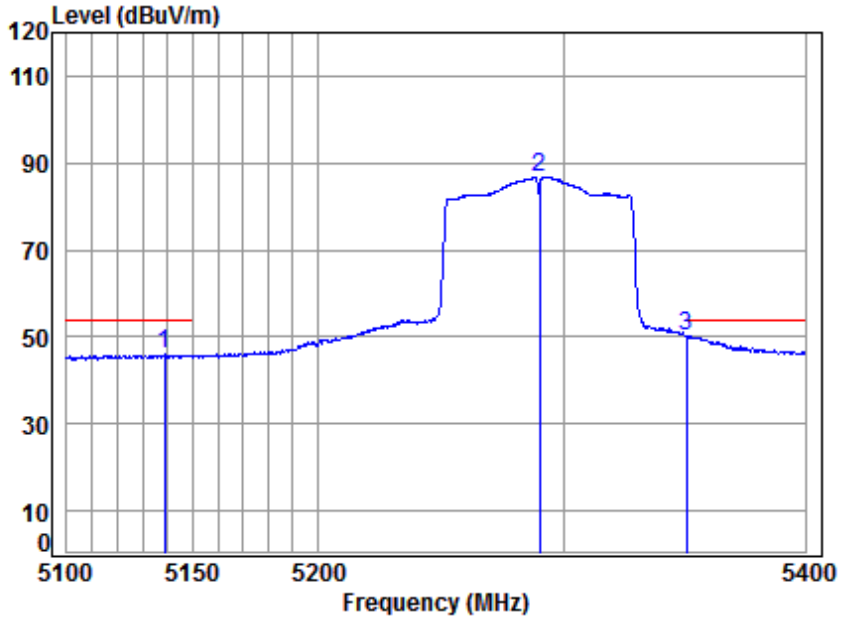
Test mode:	802.11ac(HT80)	Frequency(MHz):	5290	Average	Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : 80005
Mode : 5290 Band edge
Note : 5G WiFi 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5138.625	8.31	34.31	43.65	46.92	45.89	54.00	-8.11	Average
2	5290.000	8.54	34.44	43.50	87.35	86.83	------	------	Average
3	5350.535	8.63	34.48	43.44	50.53	50.20	54.00	-3.80	Average

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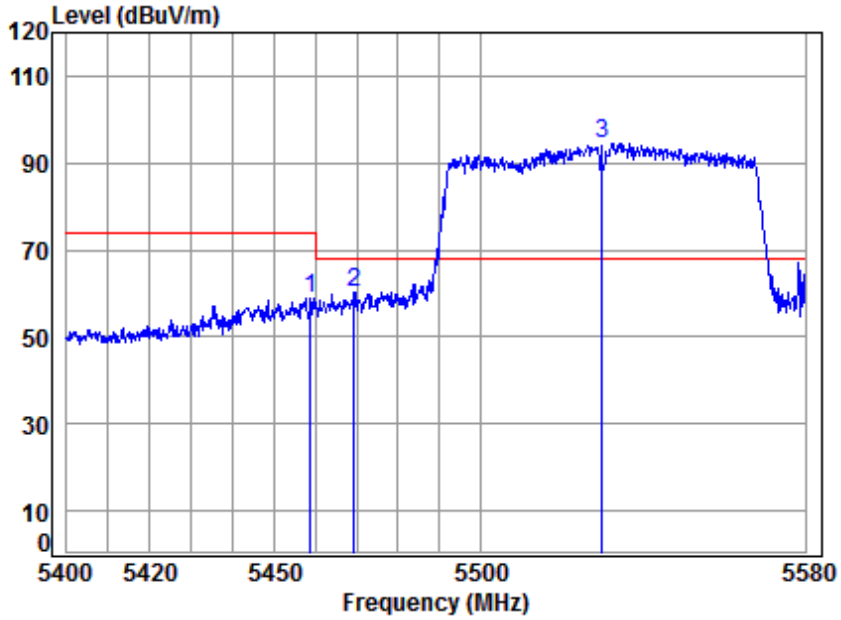
Test mode:	802.11ac(HT80)	Frequency(MHz):	5530	Peak	Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : 80005
Mode : 5530 Band edge
Note : 5G WiFi 11AC 80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5458.749	8.79	34.57	43.33	58.85	58.88	74.00	-15.12	peak
2	5469.319	8.81	34.58	43.32	60.10	60.17	68.20	-8.03	peak
3 *	5530.000	8.96	34.63	43.26	94.32	94.65	68.20	26.45	peak

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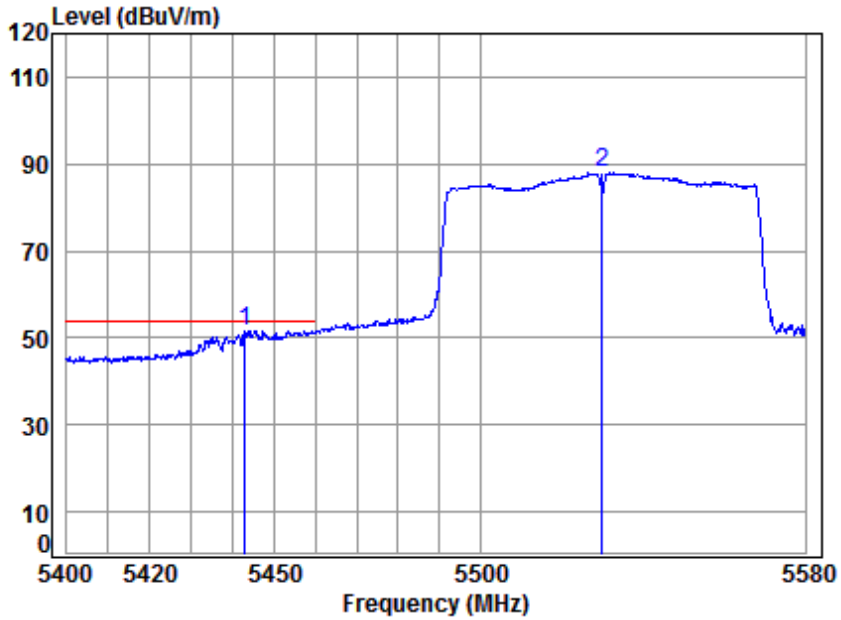
Test mode:	802.11ac(HT80)	Frequency(MHz):	5530	Average	Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : 80005
Mode : 5530 Band edge
Note : 5G WiFi 11AC 80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5443.020	8.77	34.56	43.35	51.66	51.64	54.00	-2.36	Average
2	5530.000	8.96	34.63	43.26	87.71	88.04	------	------	Average

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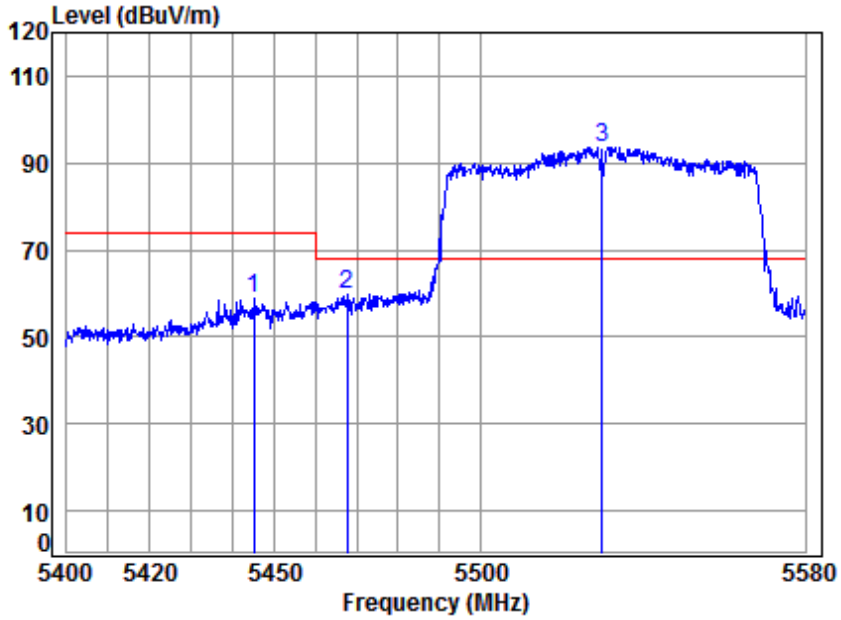
Test mode:	802.11ac(HT80)	Frequency(MHz):	5530	Peak	Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : 80005
Mode : 5530 Band edge
Note : 5G WiFi 11AC 80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5445.162	8.77	34.56	43.35	58.71	58.69	74.00	-15.31	peak
2	5467.706	8.80	34.58	43.32	59.75	59.81	68.20	-8.39	peak
3 *	5530.000	8.96	34.63	43.26	93.25	93.58	68.20	25.38	peak

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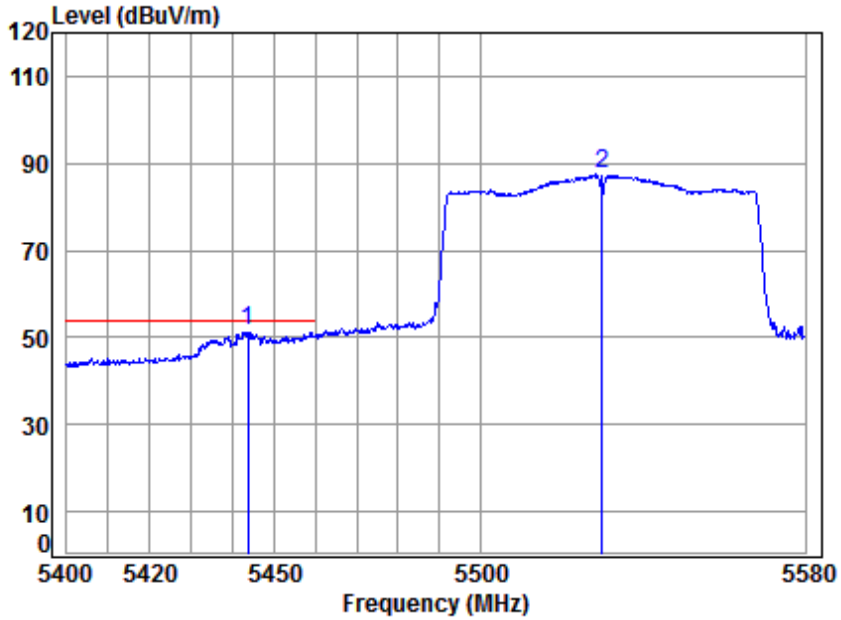
Test mode:	802.11ac(HT80)	Frequency(MHz):	5530	Average	Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : 80005
Mode : 5530 Band edge
Note : 5G WiFi 11AC 80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5443.734	8.77	34.56	43.35	51.80	51.78	54.00	-2.22	Average
2	5530.000	8.96	34.63	43.26	87.08	87.41	------	------	Average

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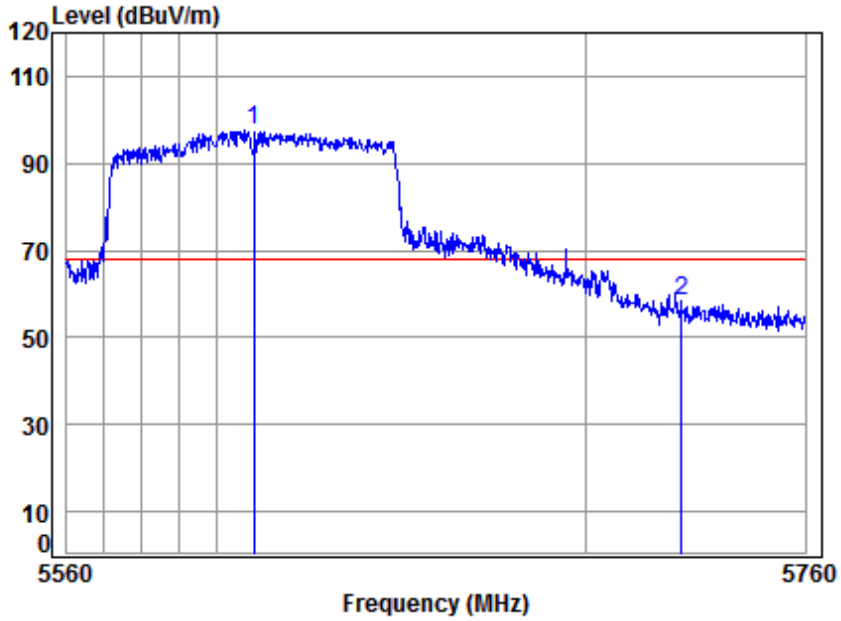
Test mode:	802.11ac(HT80)	Frequency(MHz):	5610	Peak	Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : 80005
Mode : 5610 Band edge
Note : 5G WiFi 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 *	5610.000	9.24	34.71	43.19	96.83	97.59	68.20	29.39	peak
2	5725.904	9.65	34.83	43.08	57.00	58.40	68.20	-9.80	peak

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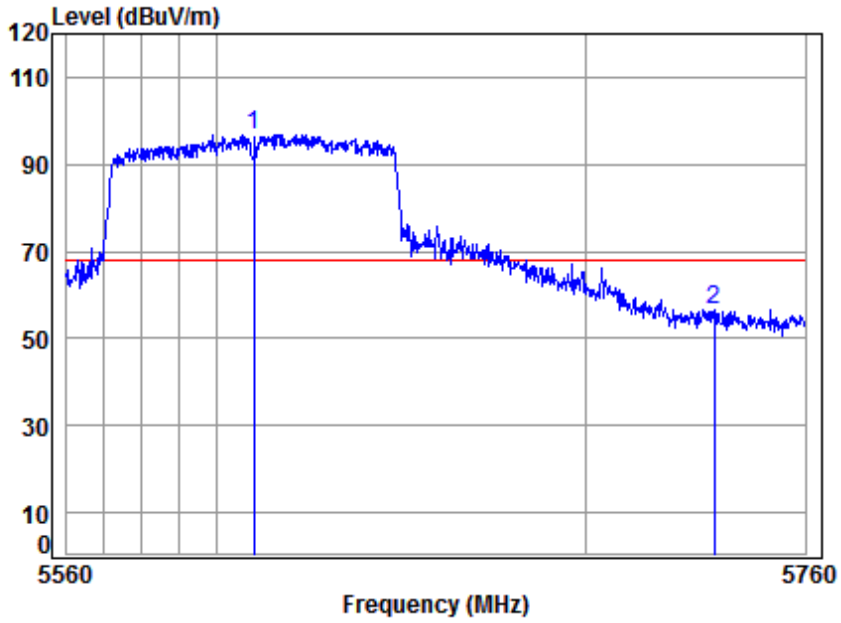
Test mode:	802.11ac(HT80)	Frequency(MHz):	5610	Peak	Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : 80005
Mode : 5610 Band edge
Note : 5G WiFi 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 *	5610.000	9.24	34.71	43.19	96.15	96.91	68.20	28.71	peak
2	5735.017	9.68	34.84	43.07	55.05	56.50	68.20	-11.70	peak

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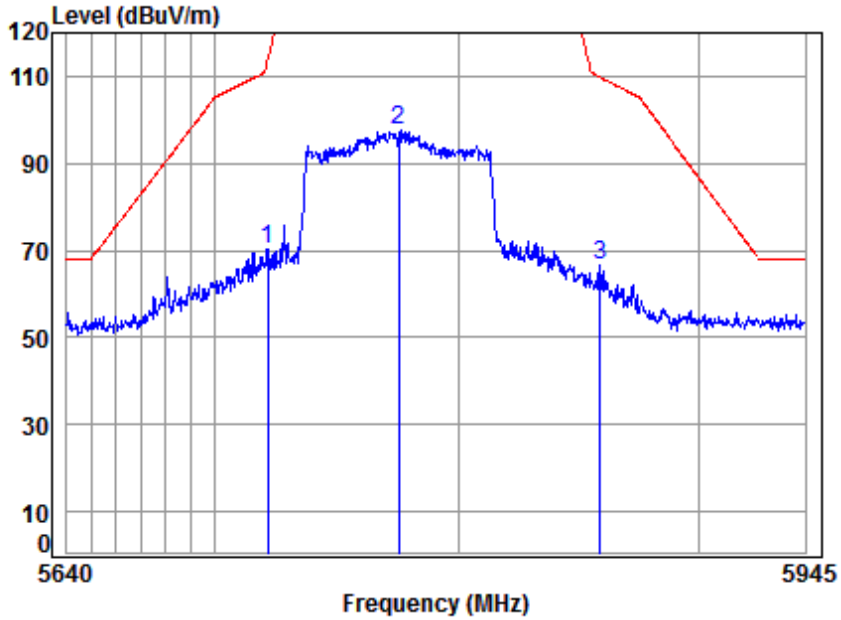
Test mode:	802.11ac(HT80)	Frequency(MHz):	5775	Peak	Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : 80005
Mode : 5775 Band edge
Note : 5G WiFi 11AC 80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5721.376	9.63	34.83	43.08	68.98	70.36	113.94	-43.58	peak
2	5775.000	9.81	34.88	43.03	95.89	97.55	125.20	-27.65	peak
3	5858.900	10.10	34.96	42.96	64.54	66.64	109.71	-43.07	peak

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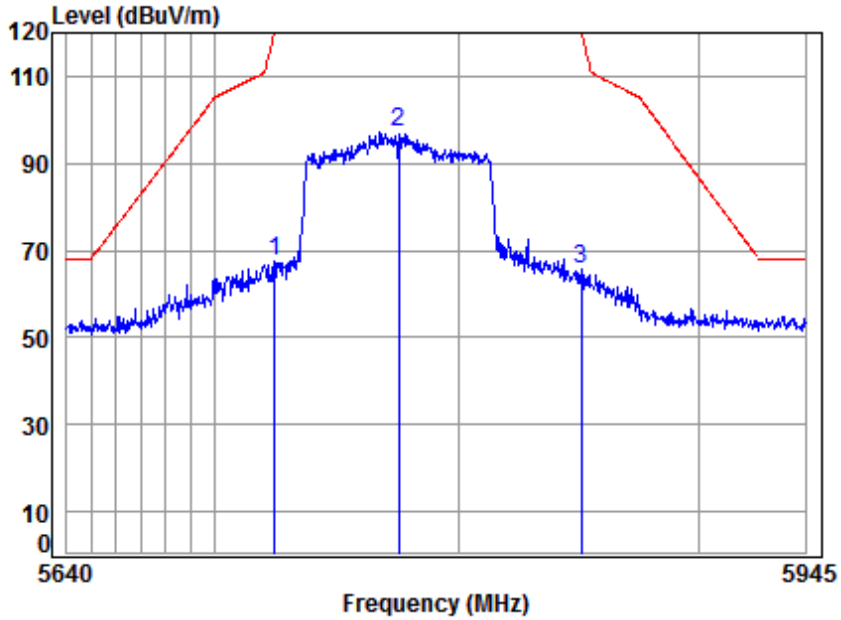
Test mode:	802.11ac(HT80)	Frequency(MHz):	5775	Peak	Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No : 80005
Mode : 5775 Band edge
Note : 5G WiFi 11AC 80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5724.088	9.64	34.83	43.08	66.33	67.72	120.12	-52.40	peak
2	5775.000	9.81	34.88	43.03	95.46	97.12	125.20	-28.08	peak
3	5850.883	10.07	34.96	42.96	63.72	65.79	120.19	-54.40	peak

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

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4.9 Frequencies Stability

4.9.1 Frequency Error vs. Voltage:

Test Conditions	Measured Frequency (MHz)	
	5180	5825
V nom(V)	5180.006369	5825.003835
V max(V)	5180.008305	5825.011822
V min(V)	5180.014837	5825.021515
Max. Deviation Frequency	0.014837	0.021515
Max. Frequency Error (ppm)	2.864364	3.693502

4.9.2 Frequency Error vs. Temperature:

Test Conditions(°C)	Measured Frequency (MHz)	
	5180	5825
-5	5180.001232	5825.003630
5	5180.003421	5825.008188
15	5180.007077	5825.008784
25	5180.012421	5825.009391
35	5180.015060	5825.014858
45	5180.018072	5825.023771
50	5180.026833	5825.033592
Max. Deviation Frequency	0.026833	0.033592
Max. Frequency Error (ppm)	5.180064	5.766816

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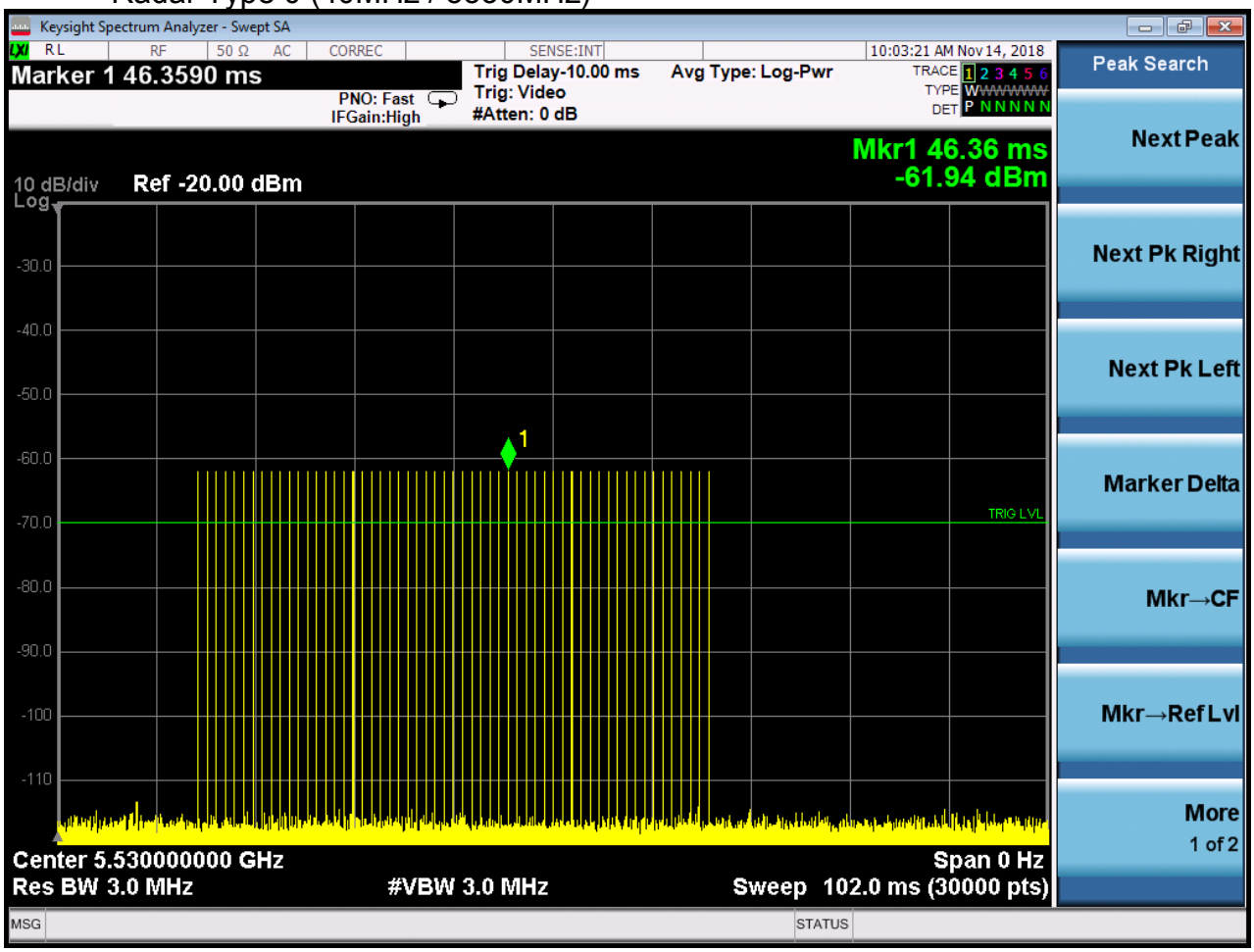
4.10 (DFS: Channel Move Time; DFS: Channel Closing Transmission Time)

4.10.1 Test plots

4.10.1.1 Radar Waveform Calibration Result

Radar Type 0 (40MHz / 5530MHz)



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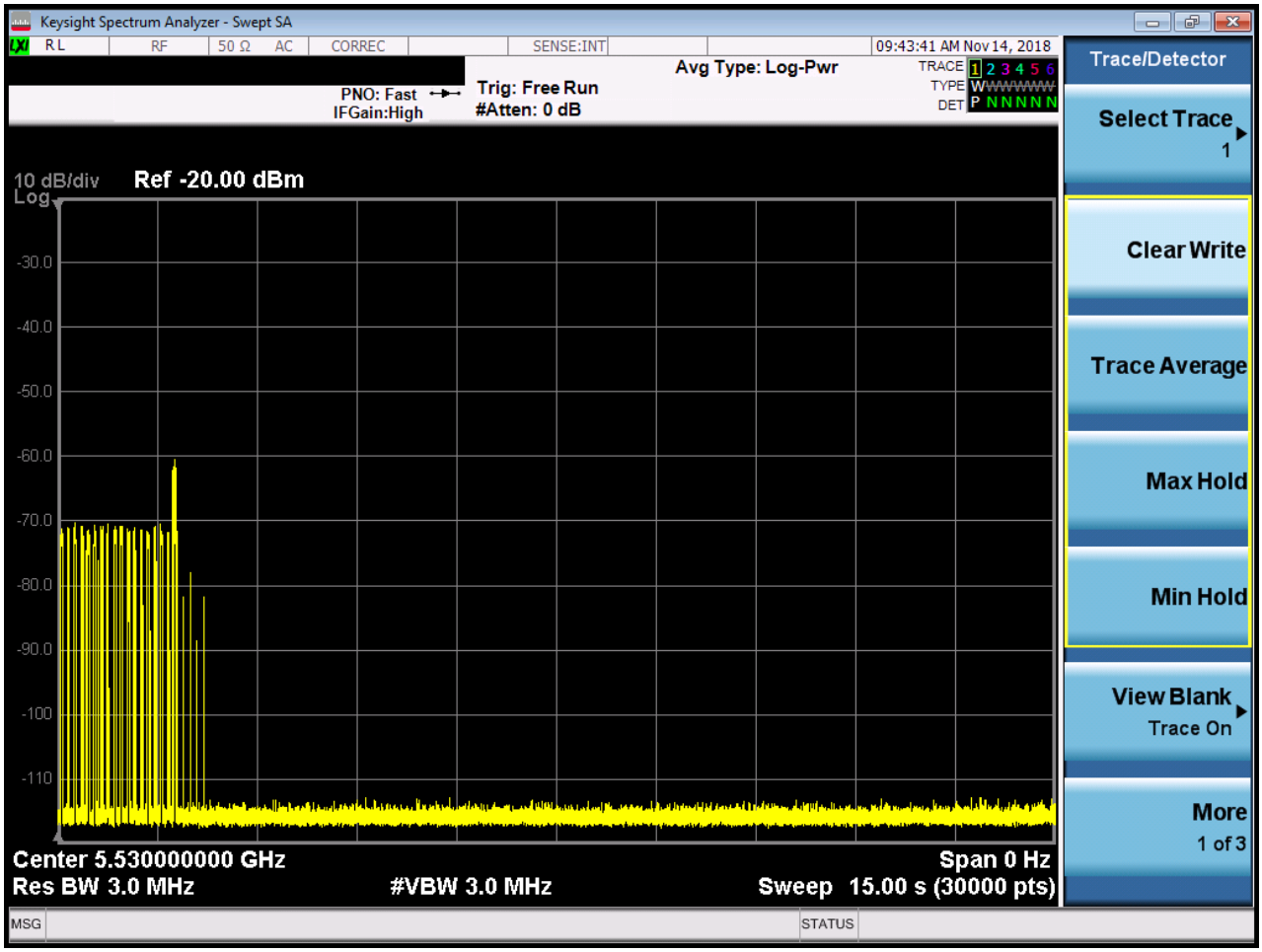
4.10.2 Test Data:

BW/Channel	Test Item	Test Result	Limit	Results
80MHz / 5530MHz	Channel Move Time	0.42s	＜10s	Pass
	Channel Closing Transmission Time	1.5ms	＜60ms	Pass

4.10.2.1 Test plots

4.10.2.1.1 Test Bandwidth/Channel= 80MHz / 5530MHz



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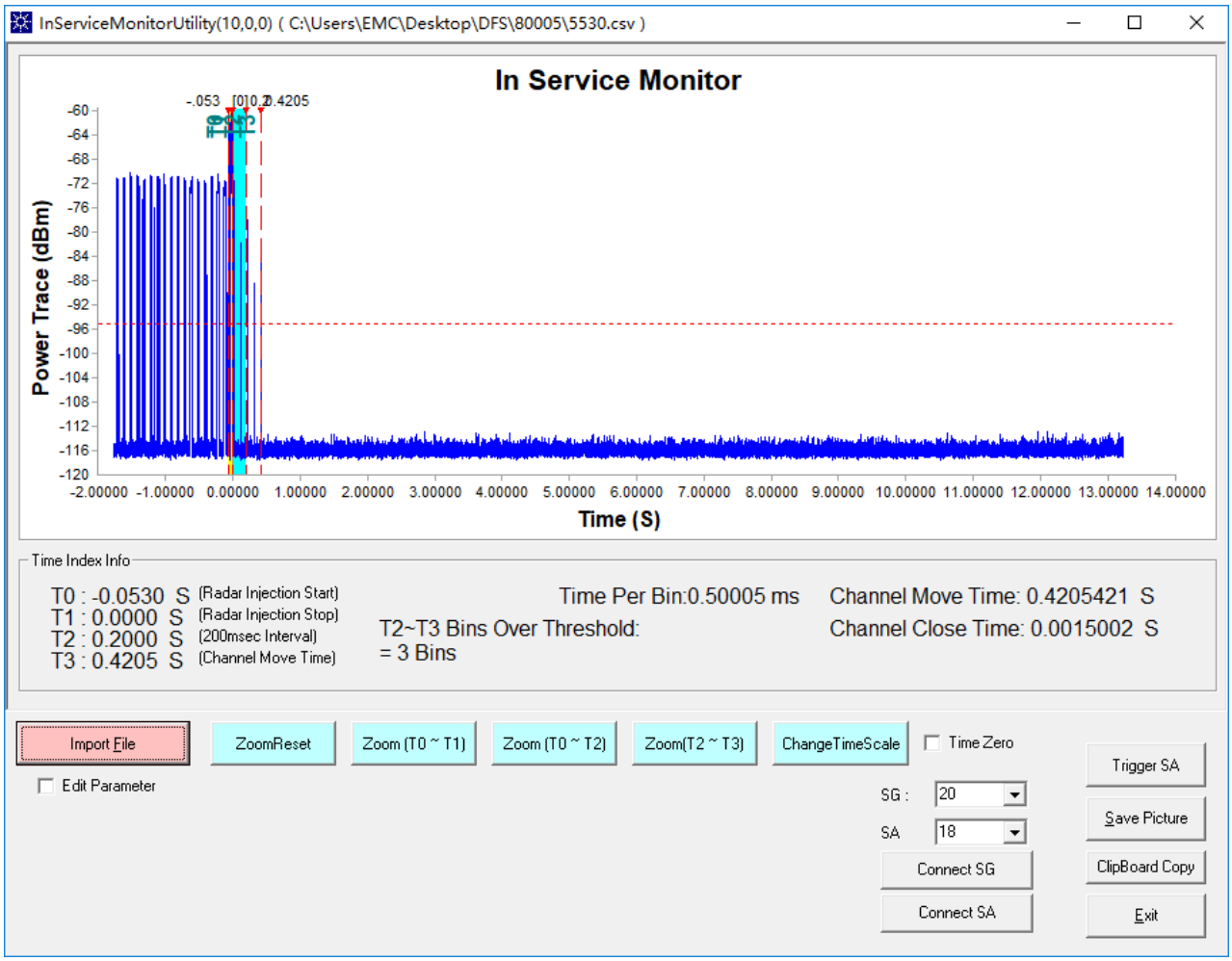

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4.11 Measurement Uncertainty (95% confidence levels, k=2)

No.	Item	Measurement Uncertainty
1	Total RF power, conducted	±0.75dB
2	RF power density, conducted	±2.84dB
3	Spurious emissions, conducted	±0.75dB
4	Radiated Spurious emission test	±4.5dB (30MHz-1GHz)
		±4.8dB (1GHz-25GHz)
5	Conduct emission test	±3.12 dB(9KHz- 30MHz)
6	Temperature test	±1°C
7	Humidity test	±3%
8	DC and low frequency voltages	±0.5%

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4.12 Equipment List

Conducted Emission					
Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. Date (yyyy-mm-dd)	Cal. Due date (yyyy-mm-dd)
Shielding Room	ZhongYu Electron	GB-88	SEM001-06	2017/5/10	2020/5/9
LISN	Rohde & Schwarz	ENV216	SEM007-01	2018/9/2	2019/9/2
LISN	ETS-LINDGREN	Feb-16	SEM007-02	2018/4/2	2019/4/1
Measurement Software	AUDIX	e3 V5.4.1221d	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM024-01	2018/7/12	2019/7/11
8 Line ISN	Fischer Custom Communications Inc.	FCC-TLISN-T8-02	EMC0120	2018/2/14	2019/2/13
4 Line ISN	Fischer Custom Communications Inc.	FCC-TLISN-T4-02	EMC0121	2018/2/14	2019/2/13
2 Line ISN	Fischer Custom Communications Inc.	FCC-TLISN-T2-02	EMC0122	2018/2/14	2019/2/13
EMI Test Receiver	Rohde & Schwarz	ESCI	SEM004-02	2018/4/2	2019/4/1

RF conducted test					
Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. Date (yyyy-mm-dd)	Cal. Due date (yyyy-mm-dd)
DC Power Supply	ZhaoXin	RXN-305D	SEM011-02	2018/9/2	2019/9/2
Signal Analyzer	Rohde & Schwarz	FSV	W025-05	2018/3/13	2019/3/12
Coaxial Cable	SGS	N/A	SEM031-01	2018/7/12	2019/7/11
Attenuator	Weinschel Associates	WA41	SEM021-09	N/A	N/A
Signal Generator	KEYSIGHT	N5173B	SEM006-05	2018/9/2	2019/9/2
Temperature Chamber	GIANT FORCE	ICT-150-40-CP-AR	W027-03	2017/12/4	2018/12/4
Power Meter	Rohde & Schwarz	NRVS	SEM014-02	2018/9/2	2019/9/2

RE in Chamber					
Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. Date (yyyy-mm-dd)	Cal. Due date (yyyy-mm-dd)
3m Semi-Anechoic Chamber	ETS-LINDGREN	N/A	SEM001-01	2017/8/5	2020/8/4
Measurement Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM025-01	2018/7/12	2019/7/11
MXE EMI Receiver (20Hz-8.4GHz)	Agilent Technologies	N9038A	SEM004-05	2018/9/2	2019/9/2
BiConiLog Antenna (26-3000MHz)	ETS-LINDGREN	3142C	SEM003-01	2017/6/27	2020/6/26
Pre-amplifier (0.1-1.3GHz)	Agilent Technologies	8447D	SEM005-01	2018/4/2	2019/4/1

RE in Chamber					
Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. Date (yyyy-mm-dd)	Cal. Due date (yyyy-mm-dd)
10m Semi-Anechoic Chamber	SAEMC	FSAC1018	SEM001-03	2018/3/31	2021/3/30
EMI Test Receiver (9k-7GHz)	Rohde & Schwarz	ESR	SEM004-03	2018/4/2	2019/4/1
Trilog-Broadband Antenna (25M-2GHz)	Schwarzbeck	VULB9168	SEM003-18	2016/6/29	2019/6/28
Pre-amplifier (9k-1GHz)	Sonoma Instrument Co	310N	SEM005-03	2018/4/13	2019/4/12
Loop Antenna (9kHz-30MHz)	ETS-Lindgren	6502	SEM003-08	2017/8/22	2020/8/21
Measurement Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM029-01	2018/7/12	2019/7/11

RE in Chamber					
Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. Date (yyyy-mm-dd)	Cal. Due date (yyyy-mm-dd)
3m Semi-Anechoic Chamber	AUDIX	N/A	SEM001-02	2018/3/13	2021/3/12
Spectrum Analyzer (20Hz-43GHz)	Rohde & Schwarz	FSU43	SEM004-08	2018/4/2	2019/4/1
BiConiLog Antenna (26-3000MHz)	ETS-Lindgren	3142C	SEM003-01	2017/6/27	2020/6/26
Horn Antenna (800MHz-18GHz)	Rohde & Schwarz	HF907	SEM003-07	2018/413	2021/412
Horn Antenna (15-40GHz)	Schwarzbeck	BBHA 9170	SEM003-15	2017/10/17	2020/10/16
Amplifier(0.1-1300MHz)	HP	8447D	SEM005-02	2018/9/2	2019/9/2
Low Noise Amplifier (100MHz-18GHz)	Black Diamond Series	BDLNA-0118-352810	SEM005-05	2018/9/2	2019/9/2
Pre-Amplifier(0.1-26.5GHz)	Compliance Directions Systems Inc.	PAP-0126	EMC2063	2017/11/20	2018/11/19
Pre-amplifier(26-40GHz)	Compliance Directions Systems Inc.	PAP-2640-50	SEM005-08	2018/4/2	2019/4/1

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5 Photographs - EUT Test Setup Details

Refer to Appendix A - Photographs of EUT Test Setup Details for HR201880006.

The End

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