



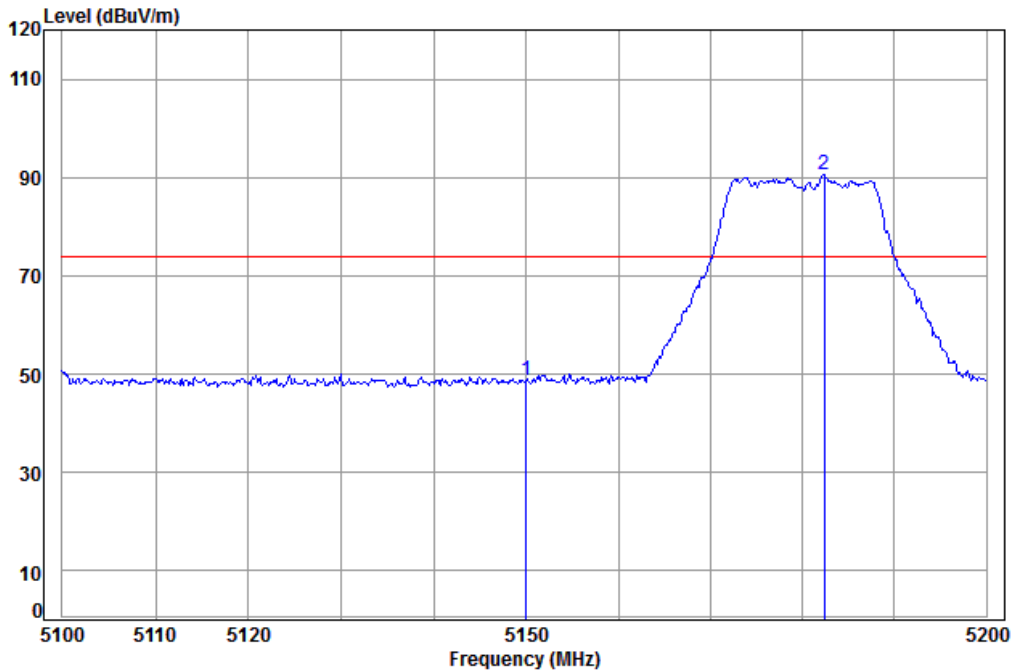
SGS-CSTC Standards Technical Services Ltd. Shenzhen Branch

Report No.: SZEM160500384302

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Test plot as follows:

Test mode:	802.11a	Frequency(MHz):	5180	Remark:	Peak	Vertical
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Condition: 3m VERTICAL

Job No: : 3843CR

Mode: : 5180 Band edge

: A20

		Cable	Ant	Preamp	Read	Limit	Over
	Freq	Loss	Factor	Factor	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5150.000	8.08	34.07	38.82	45.33	48.66	74.00 -25.34
2 pp	5182.359	8.09	34.03	38.82	87.20	90.50	74.00 16.50

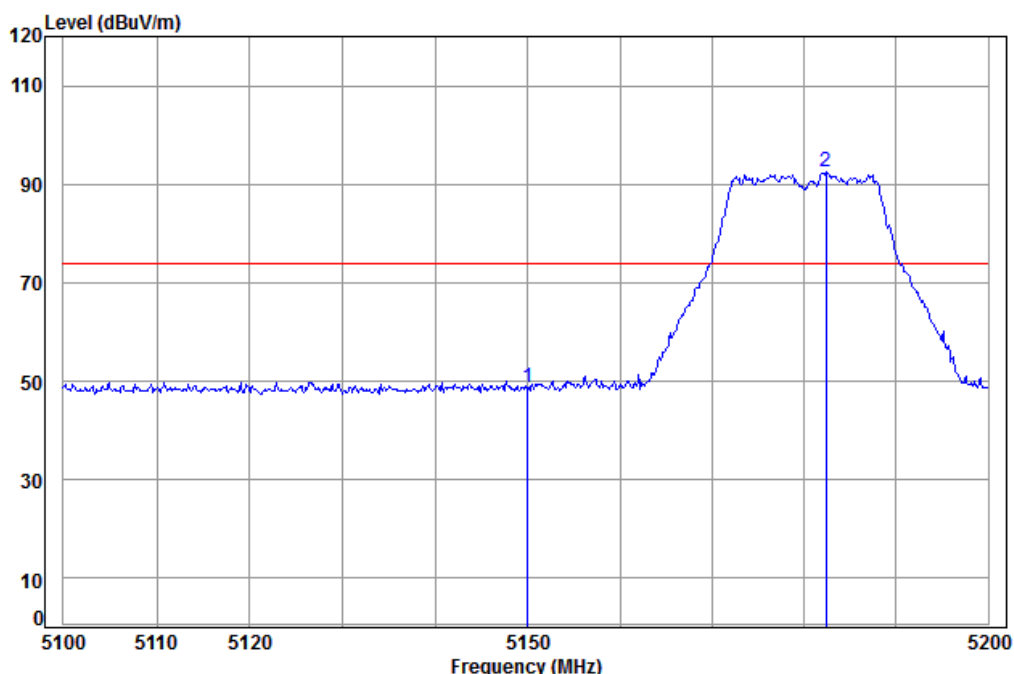
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Test mode:	802.11a	Frequency(MHz):	5180	Remark:	Peak	Horizontal
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Condition: 3m HORIZONTAL
Job No: : 3843CR
Mode: : 5180 Band edge
: A20

		Cable	Ant	Preamp	Read	Limit	Over
	Freq	Loss	Factor	Factor	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5150.000	8.08	34.07	38.82	45.26	48.59	74.00 -25.41
2 pp	5182.359	8.09	34.03	38.82	89.28	92.58	74.00 18.58

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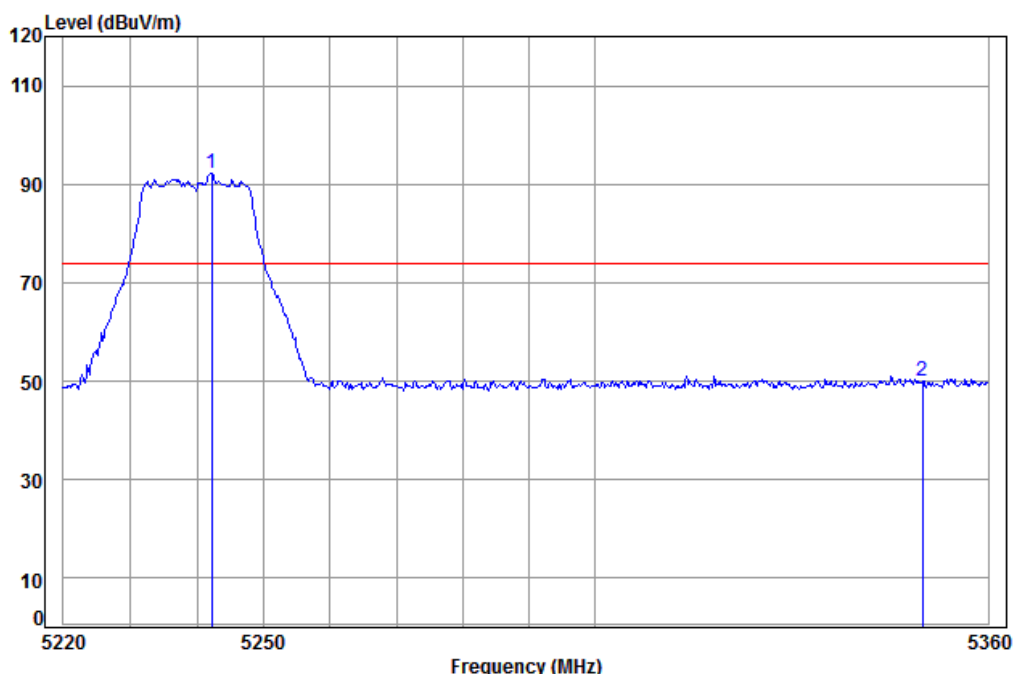


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Test mode:	802.11a	Frequency(MHz):	5240	Remark:	Peak	Vertical
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Condition: 3m VERTICAL

Job No: : 3843CR

Mode: : 5240 Band edge

: A20

		Cable	Ant	Preamp	Read		Limit	Over
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	pp 5242.152	8.12	34.09	38.83	88.88	92.26	74.00	18.26
2	5350.000	8.18	34.30	38.85	46.29	49.92	74.00	-24.08

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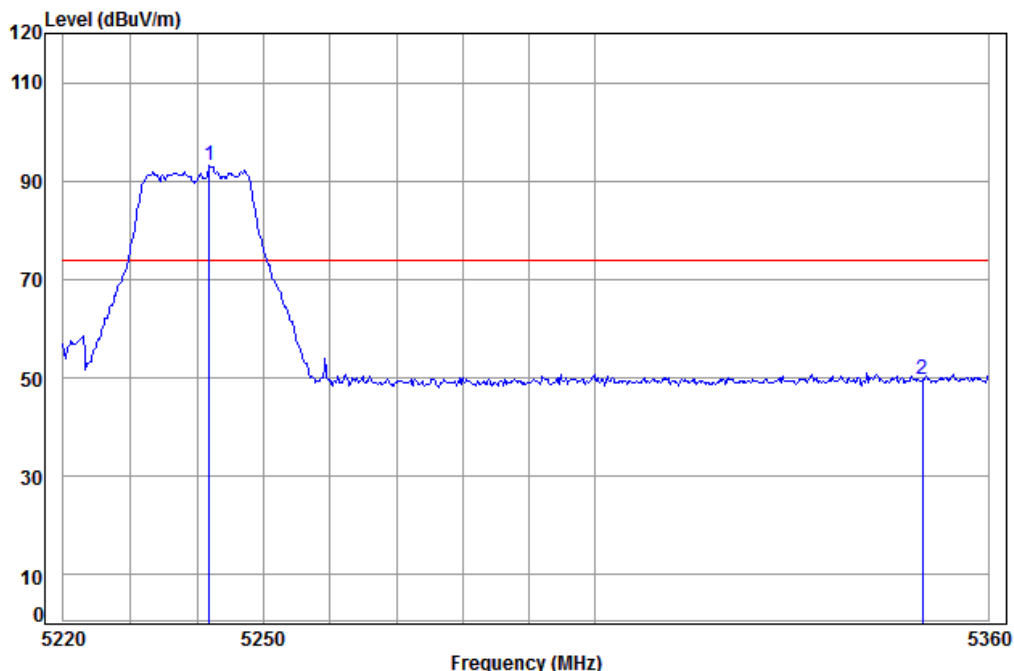


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Test mode:	802.11a	Frequency(MHz):	5240	Remark:	Peak	Horizontal
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Condition: 3m HORIZONTAL

Job No: : 3843CR

Mode: : 5240 Band edge

: A20

		Cable	Ant	Preamp	Read		Limit	Over
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	pp 5241.875	8.12	34.09	38.83	89.66	93.04	74.00	19.04
2	5350.000	8.18	34.30	38.85	46.04	49.67	74.00	-24.33

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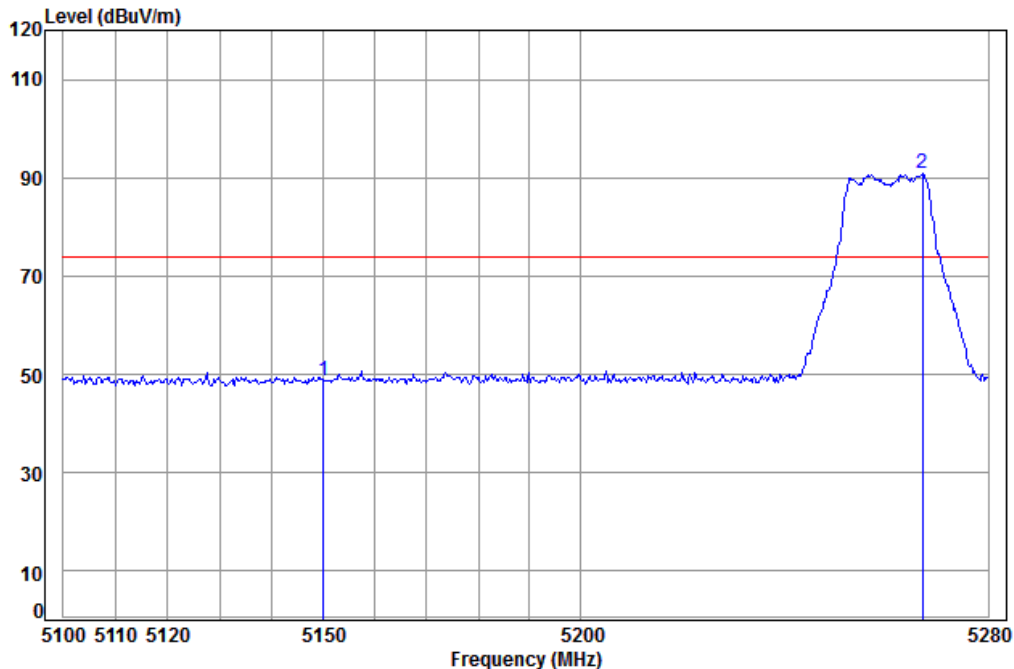
SGS-CSTC Standards Technical Services Ltd. Shenzhen Branch



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Test mode:	802.11a	Frequency(MHz):	5260	Remark:	Peak	Vertical
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Condition: 3m VERTICAL

Job No: : 3843CR

Mode: : 5260 Band edge
: A20

		Cable	Ant	Preamp	Read	Limit	Over
	Freq	Loss	Factor	Factor	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5150.000	8.08	34.07	38.82	45.52	74.00	-25.15
2	5267.013	8.14	34.14	38.84	87.39	74.00	16.83

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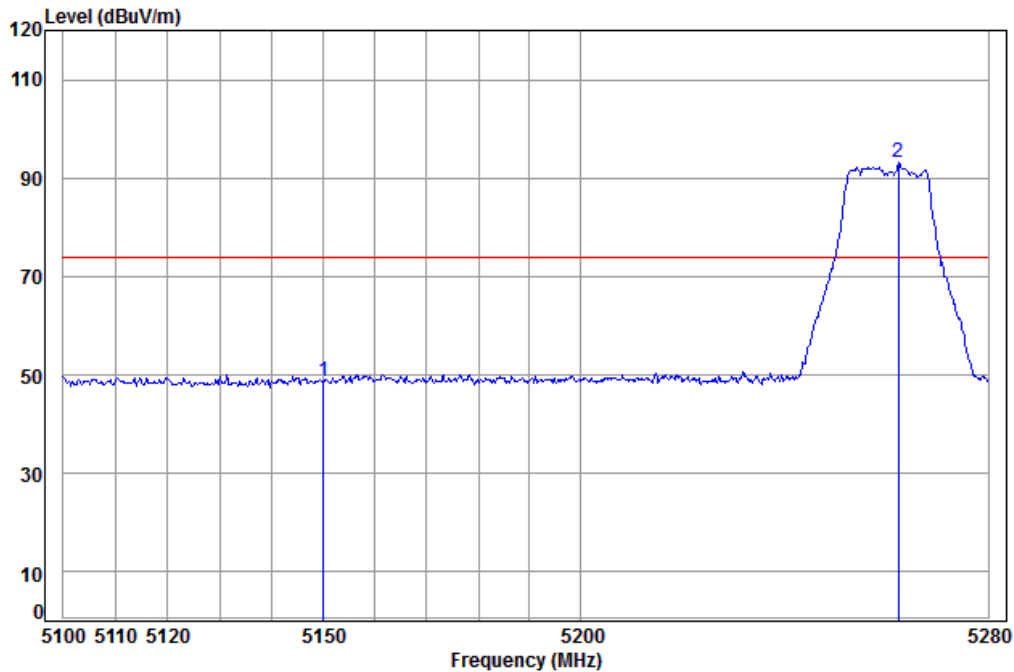
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Test mode:	802.11a	Frequency(MHz):	5260	Remark:	Peak	Horizontal
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Condition: 3m HORIZONTAL

Job No: : 3843CR

Mode: : 5260 Band edge
: A20

		Cable	Ant	Preamp	Read	Limit	Over
	Freq	Loss	Factor	Factor	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5150.000	8.08	34.07	38.82	45.42	74.00	-25.25
2	5262.265	8.13	34.13	38.84	89.84	74.00	19.26

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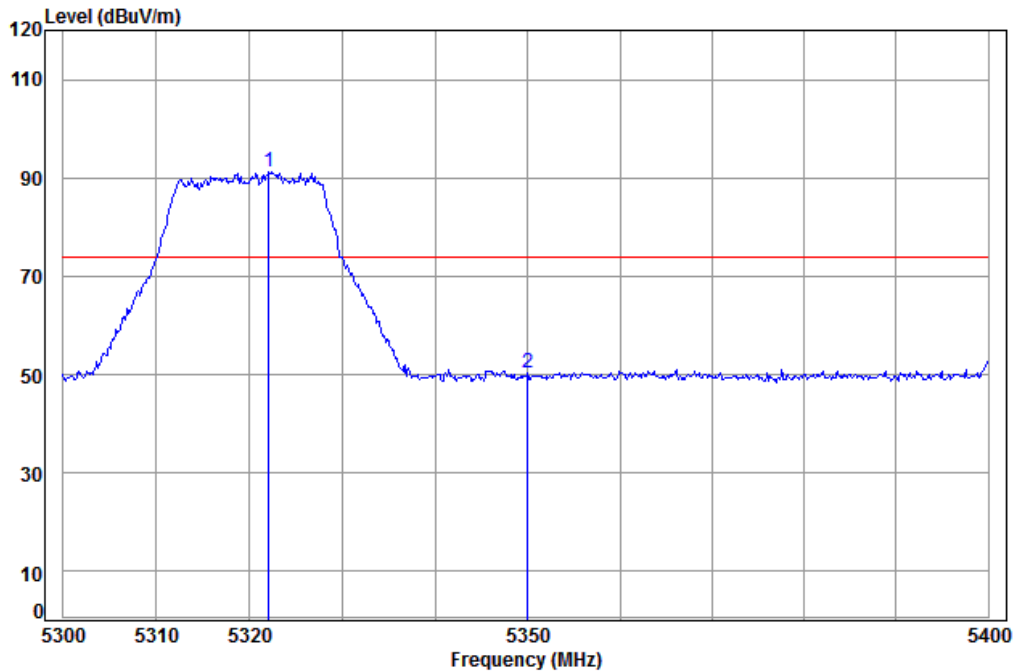
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Test mode:	802.11a	Frequency(MHz):	5320	Remark:	Peak	Vertical
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Condition: 3m VERTICAL

Job No: : 3843CR

Mode: : 5320 Band edge
: A20

		Cable	Ant	Preamp	Read	Limit	Over
	Freq	Loss	Factor	Factor	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	5322.039	8.16	34.25	38.85	87.68	91.24	74.00 17.24
2	5350.000	8.18	34.30	38.85	46.68	50.31	74.00 -23.69

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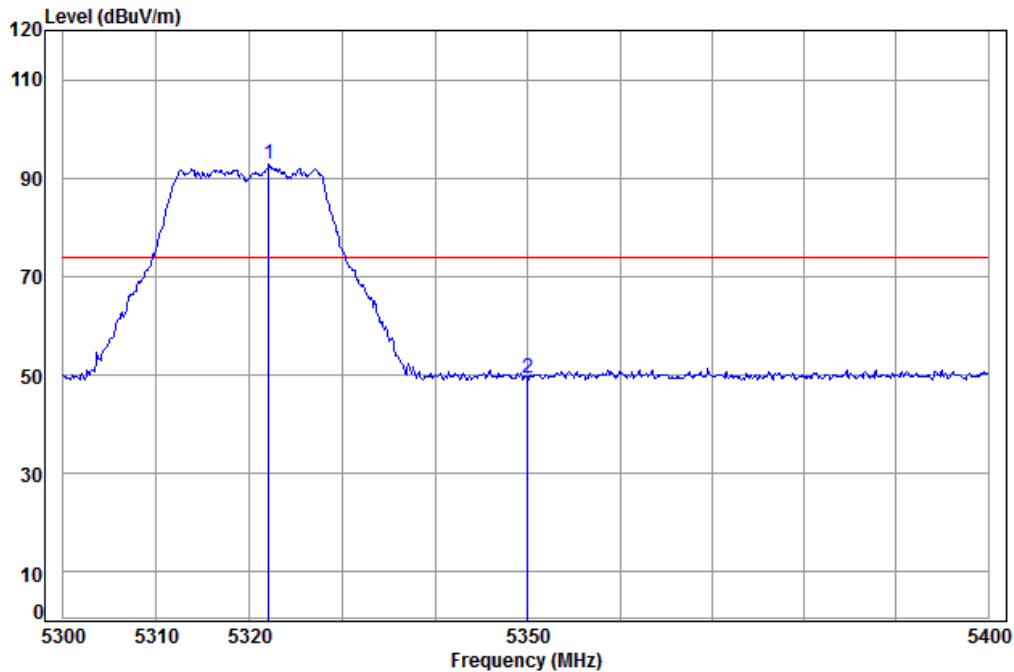
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Test mode:	802.11a	Frequency(MHz):	5320	Remark:	Peak	Horizontal
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Condition: 3m HORIZONTAL

Job No: : 3843CR

Mode: : 5320 Band edge
: A20

		Cable	Ant	Preamp	Read	Limit	Over
	Freq	Loss	Factor	Factor	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	5322.039	8.16	34.25	38.85	89.28	92.84	74.00 18.84
2	5350.000	8.18	34.30	38.85	45.79	49.42	74.00 -24.58

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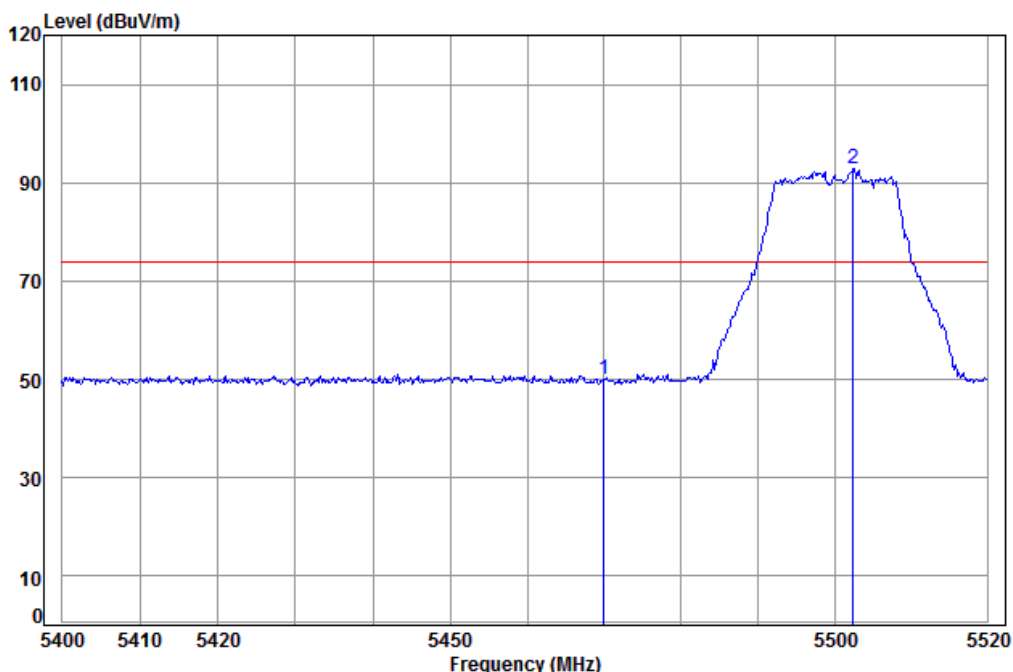


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Test mode:	802.11a	Frequency(MHz):	5500	Remark:	Peak	Vertical
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Condition: 3m VERTICAL

Job No: : 3843CR

Mode: : 5500 Band edge
: A20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5470.000	8.24	34.36	38.87	46.19	49.92	74.00	-24.08
2 pp	5502.436	8.25	34.35	38.88	89.20	92.92	74.00	18.92

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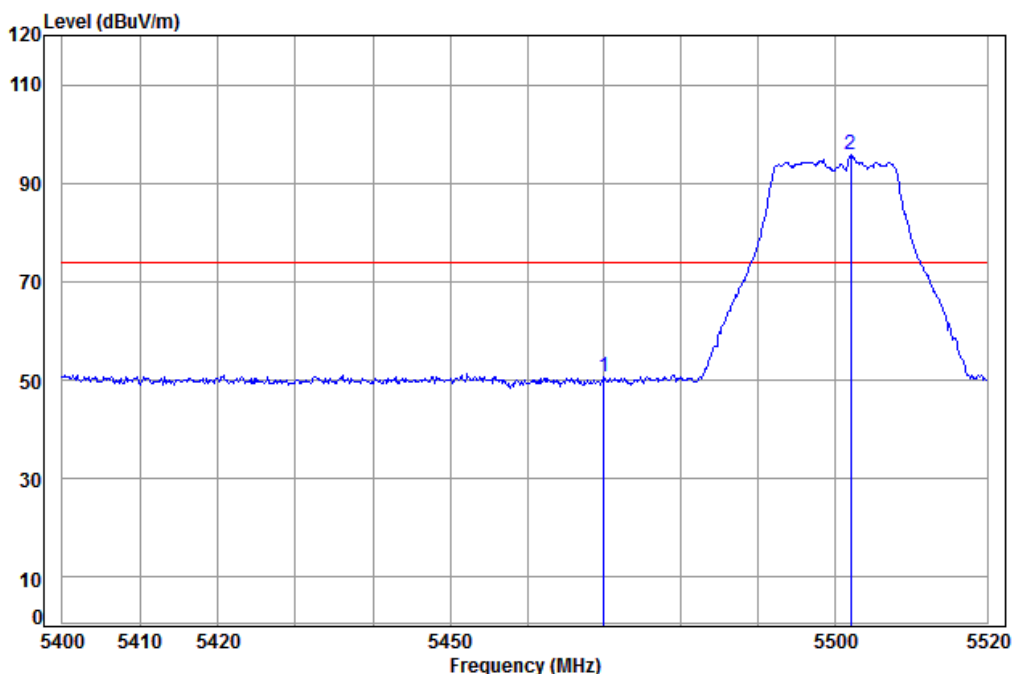


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Test mode:	802.11a	Frequency(MHz):	5500	Remark:	Peak	Horizontal
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Condition: 3m HORIZONTAL

Job No: : 3843CR

Mode: : 5500 Band edge
: A20

		Cable	Ant	Preamp	Read		Limit	Over
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5470.000	8.24	34.36	38.87	46.91	50.64	74.00	-23.36
2	pp 5502.194	8.25	34.35	38.88	91.96	95.68	74.00	21.68

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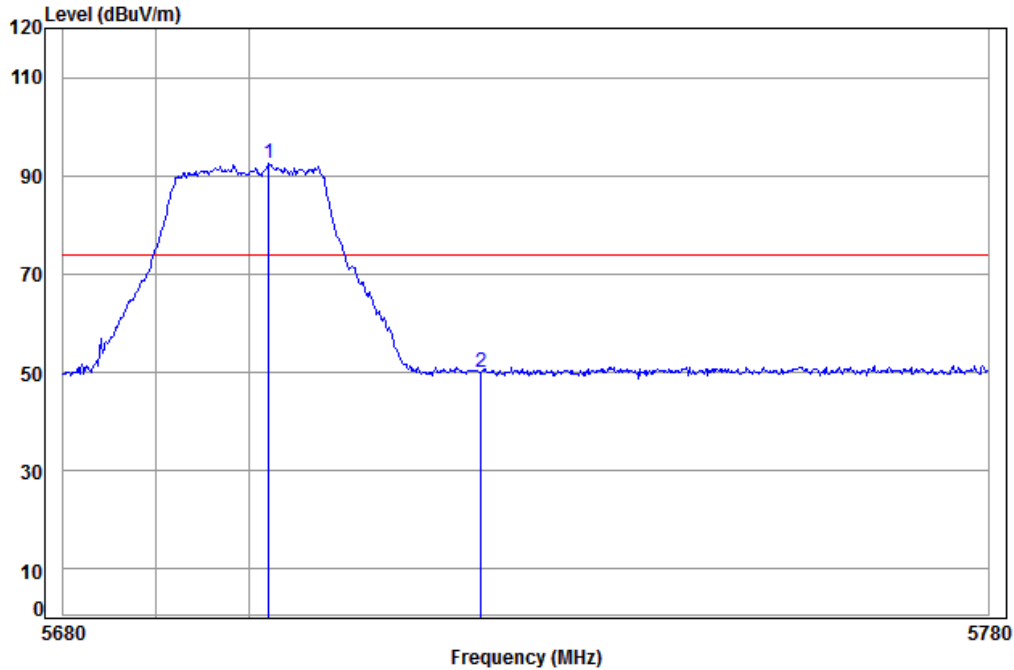
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Test mode:	802.11a	Frequency(MHz):	5700	Remark:	Peak	Vertical
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Condition: 3m VERTICAL

Job No: : 3843CR

Mode: : 5700 Band edge

: A20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5702.049	8.46	34.25	38.91	88.83	92.63	74.00	18.63
2	5725.000	8.48	34.24	38.92	46.38	50.18	74.00	-23.82

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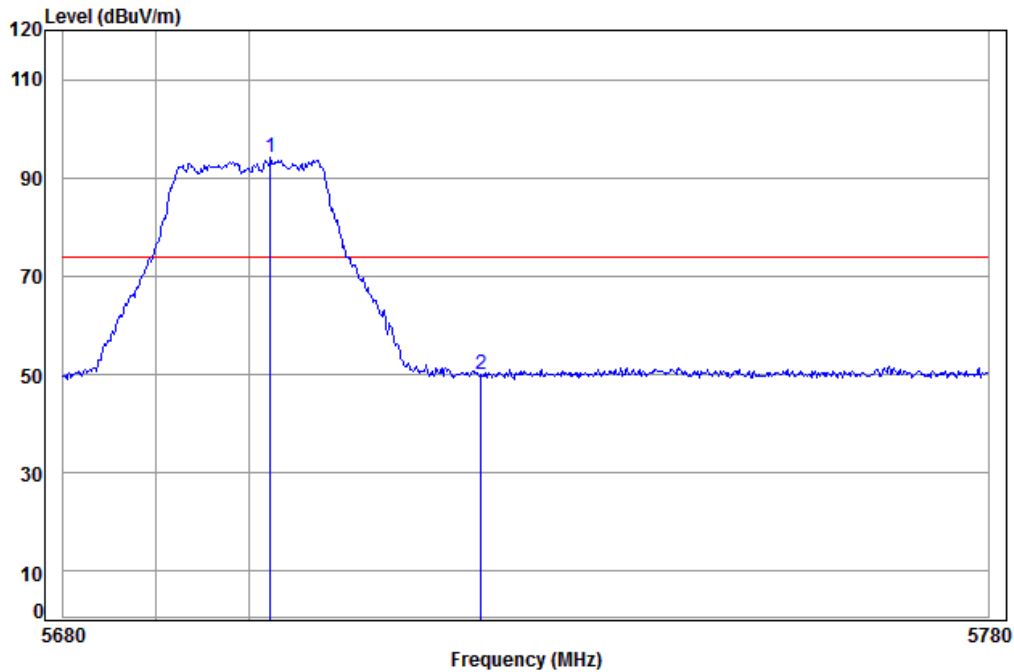
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Test mode:	802.11a	Frequency(MHz):	5700	Remark:	Peak	Horizontal
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Condition: 3m HORIZONTAL

Job No: : 3843CR

Mode: : 5700 Band edge
: A20

		Cable	Ant	Preamp	Read	Limit	Over
	Freq	Loss	Factor	Factor	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	5702.249	8.46	34.25	38.91	90.36	94.16	74.00 20.16
2	5725.000	8.48	34.24	38.92	46.35	50.15	74.00 -23.85

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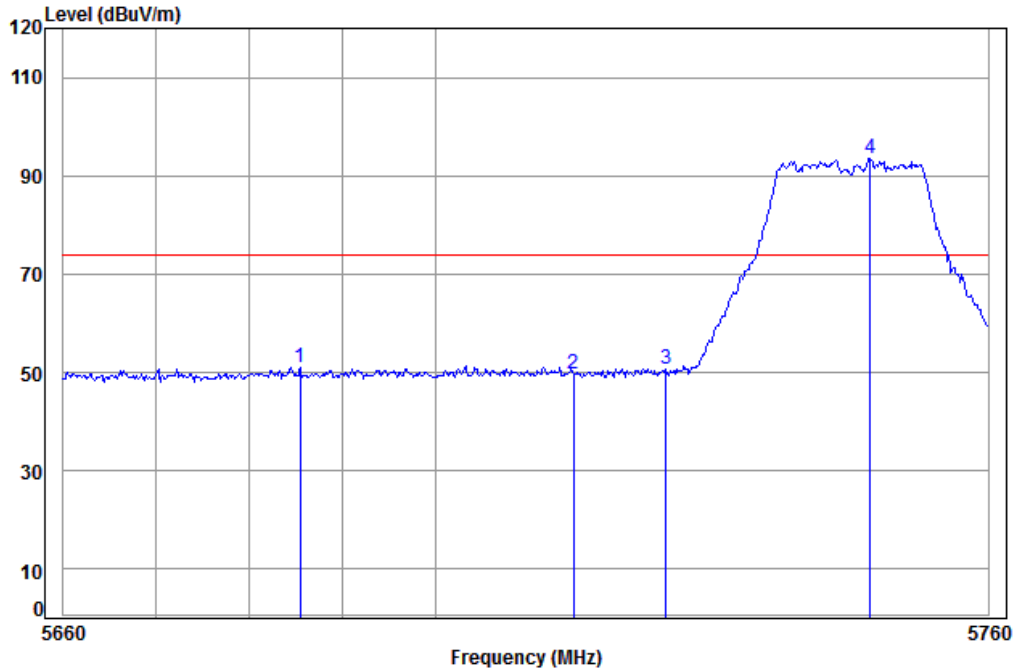
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Test mode:	802.11a	Frequency(MHz):	5745	Remark:	Peak	Vertical
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Condition: 3m VERTICAL

Job No: : 3843CR

Mode: : 5745 Band edge
: A20

	Freq	Cable Loss	Ant Factor	Preamplifier Factor	Read Level	Level	Limit Line	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5685.434	8.44	34.26	38.91	47.27	51.06	74.00	-22.94
2	5715.000	8.47	34.24	38.91	45.86	49.66	74.00	-24.34
3	5725.000	8.48	34.24	38.92	46.77	50.57	74.00	-23.43
4 pp	5747.203	8.50	34.23	38.92	89.86	93.67	74.00	19.67

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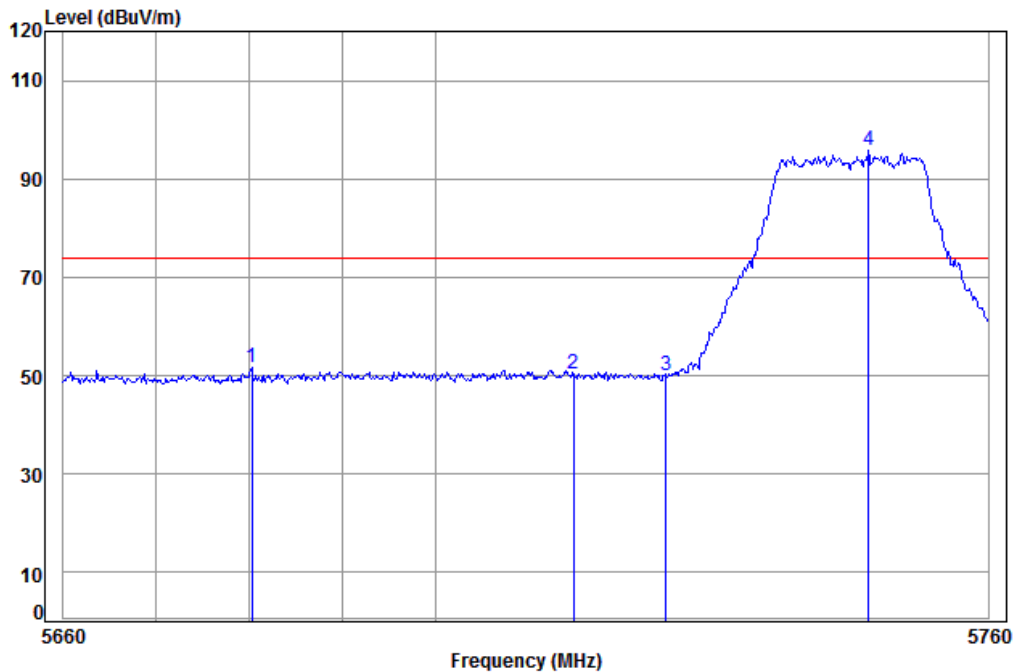


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Test mode:	802.11a	Frequency(MHz):	5745	Remark:	Peak	Horizontal
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Condition: 3m HORIZONTAL

Job No: : 3843CR

Mode: : 5745 Band edge
: A20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5680.258	8.44	34.26	38.91	47.73	51.52	74.00	-22.48
2	5715.000	8.47	34.24	38.91	46.55	50.35	74.00	-23.65
3	5725.000	8.48	34.24	38.92	46.13	49.93	74.00	-24.07
4 pp	5747.001	8.50	34.23	38.92	92.12	95.93	74.00	21.93

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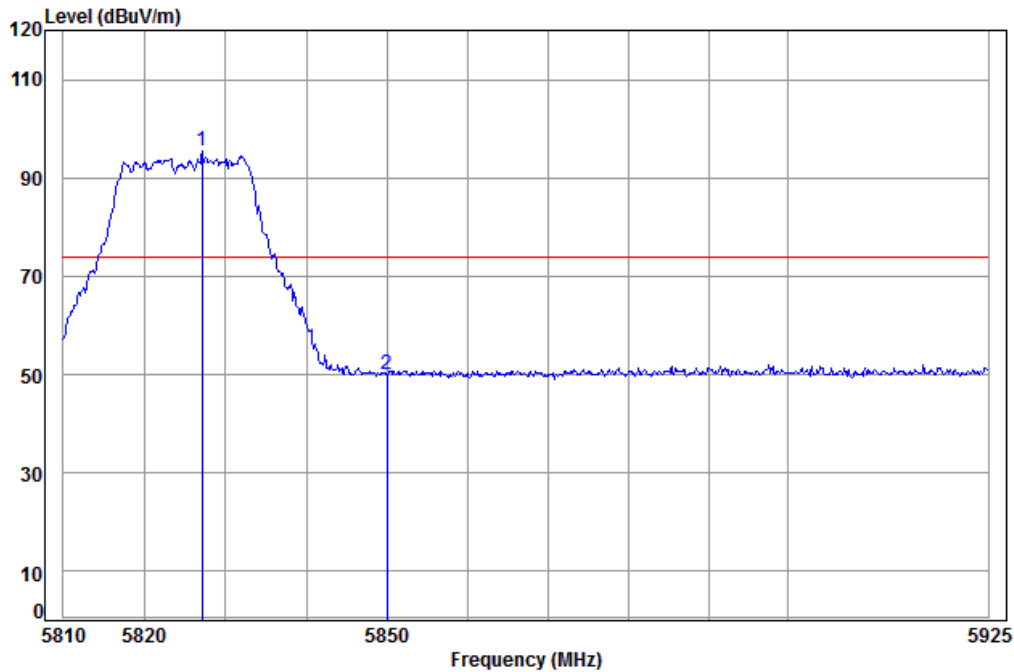


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Test mode:	802.11a	Frequency(MHz):	5825	Remark:	Peak	Vertical
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Condition: 3m VERTICAL

Job No: : 3843CR

Mode: : 5825 Band edge
: A20

		Cable	Ant	Preamp	Read	Limit	Over
	Freq	Loss	Factor	Factor	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	5827.106	8.58	34.27	38.93	91.44	95.36	74.00 21.36
2	5850.000	8.60	34.33	38.94	46.11	50.10	74.00 -23.90

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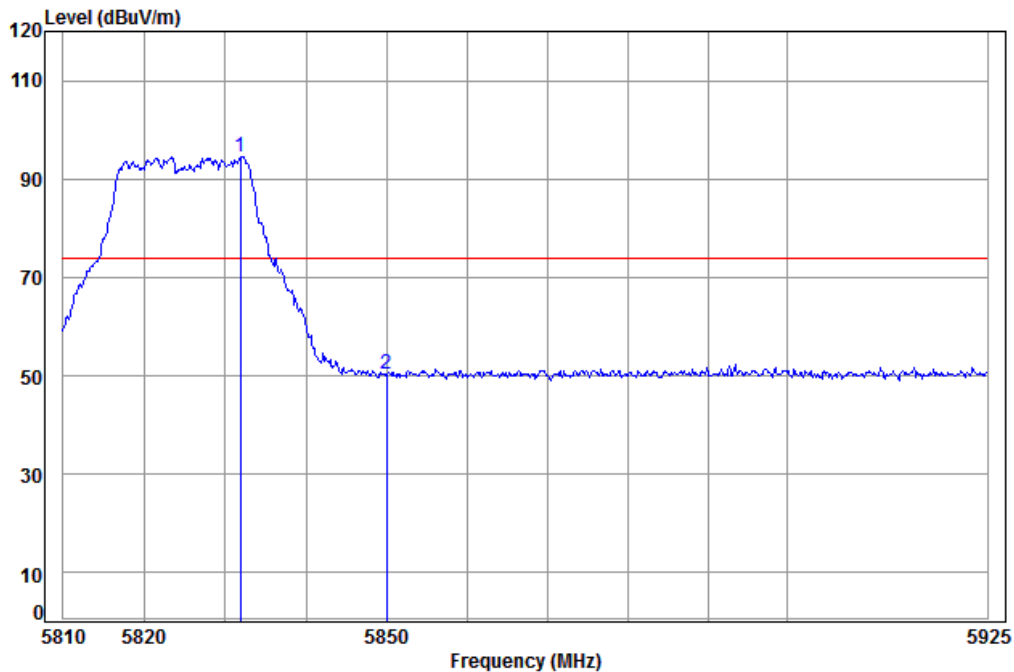
SGS-CSTC Standards Technical Services Ltd. Shenzhen Branch



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Test mode:	802.11a	Frequency(MHz):	5825	Remark:	Peak	Horizontal
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Condition: 3m HORIZONTAL

Job No: : 3843CR

Mode: : 5825 Band edge

: A20

		Cable	Ant	Preamp	Read		Limit	Over
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5831.905	8.59	34.28	38.93	90.62	94.56	74.00	20.56
2	5850.000	8.60	34.33	38.94	46.35	50.34	74.00	-23.66

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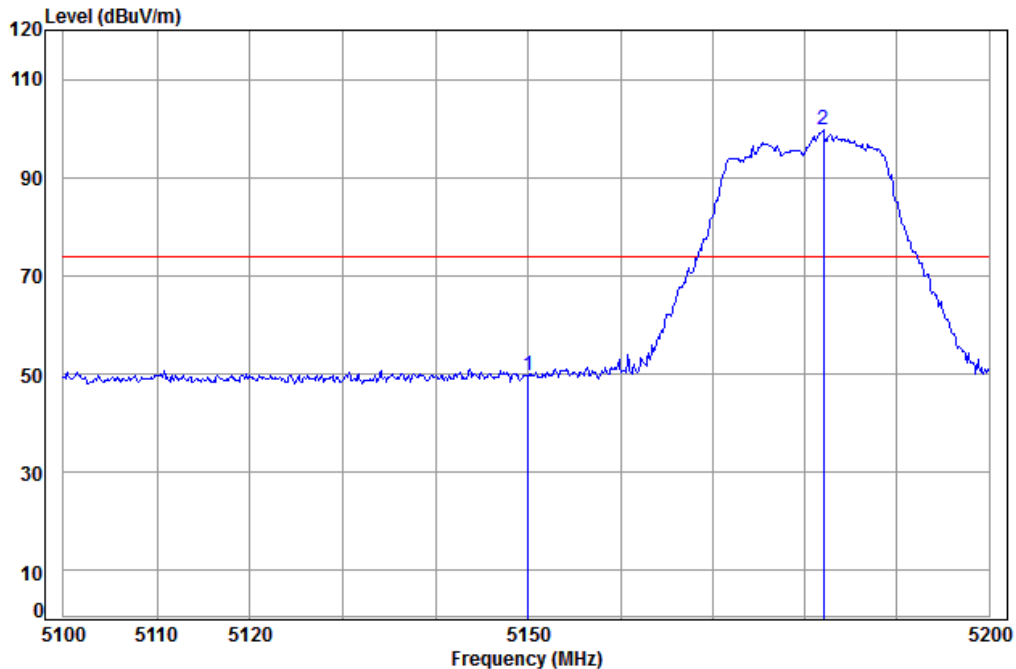


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Test mode:	802.11 n20	Frequency(MHz):	5180	Remark:	Peak	Vertical
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Condition: 3m Vertical

Job No: : 3843CR

Mode: : 5180 Band edge
: N20

		Cable	Ant	Preamp	Read	Limit	Over
	Freq	Loss	Factor	Factor	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5150.000	8.08	34.07	38.82	46.36	74.00	-24.31
2	pp 5181.957	8.09	34.03	38.82	96.38	99.68	25.68

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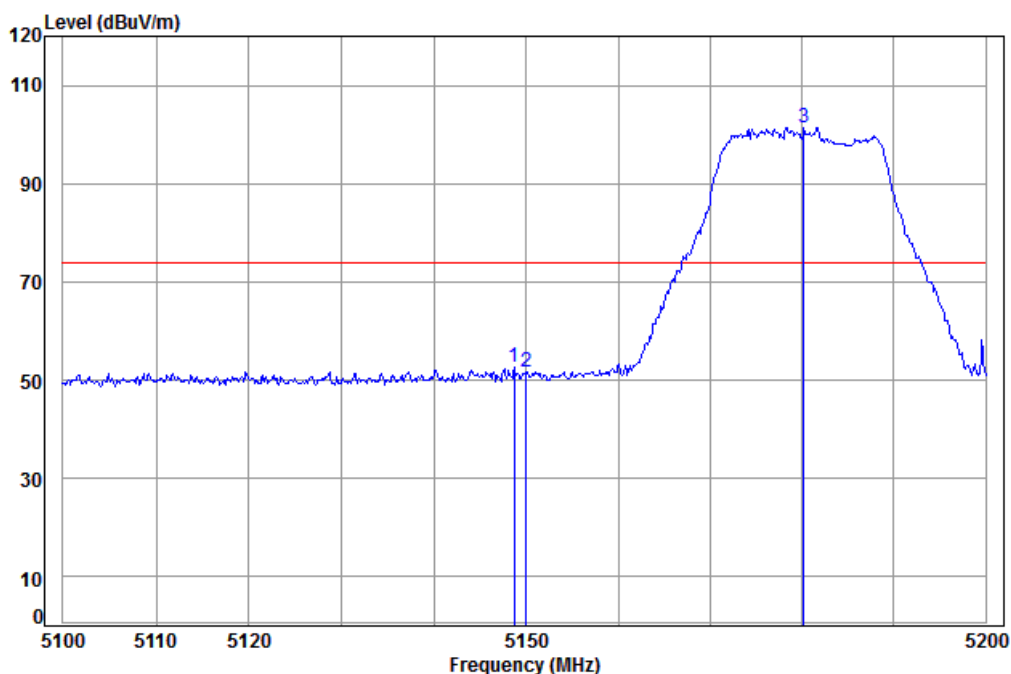


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Test mode:	802.11 n20	Frequency(MHz):	5180	Remark:	Peak	Horizontal
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Condition: 3m HORIZONTAL

Job No: : 3843CR

Mode: : 5180 Band edge
: N20

		Cable	Ant	Preamp	Read	Limit	Over
	Freq	Loss	Factor	Factor	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5148.657	8.08	34.08	38.82	49.41	52.75	74.00 -21.25
2	5150.000	8.08	34.07	38.82	48.18	51.51	74.00 -22.49
3 pp	5180.146	8.09	34.03	38.82	98.10	101.40	74.00 27.40

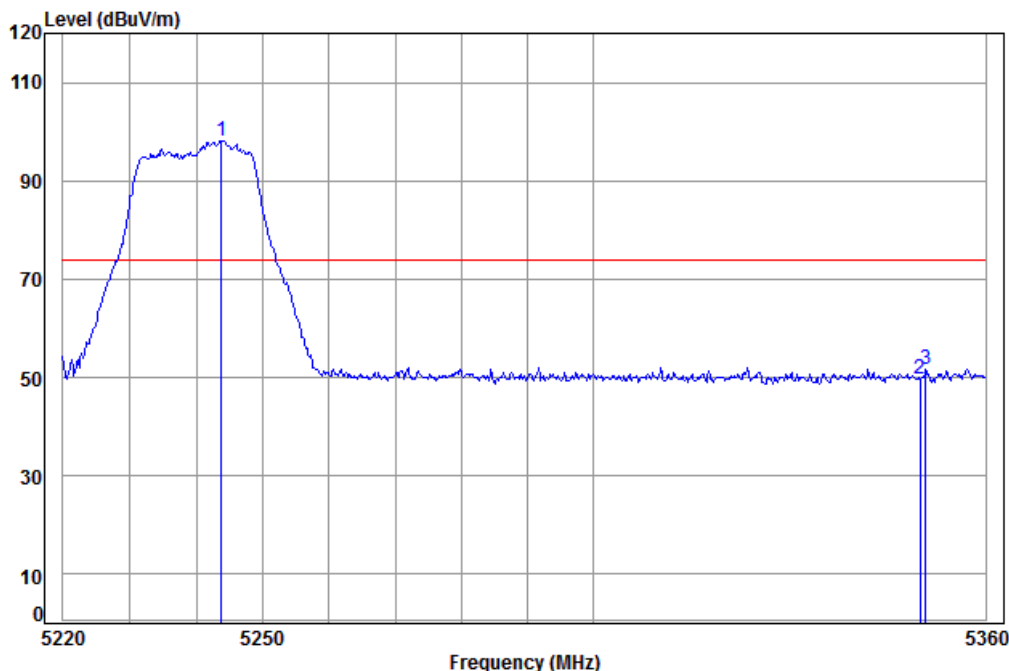
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Test mode:	802.11 n20	Frequency(MHz):	5240	Remark:	Peak	Vertical
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Condition: 3m VERTICAL

Job No: : 3843CR

Mode: : 5240 Band edge

: N20

		Cable	Ant	Preamp	Read		Limit	Over
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	pp 5243.817	8.12	34.09	38.83	94.70	98.08	74.00	24.08
2	5350.000	8.18	34.30	38.85	46.18	49.81	74.00	-24.19
3	5350.787	8.18	34.30	38.85	48.03	51.66	74.00	-22.34

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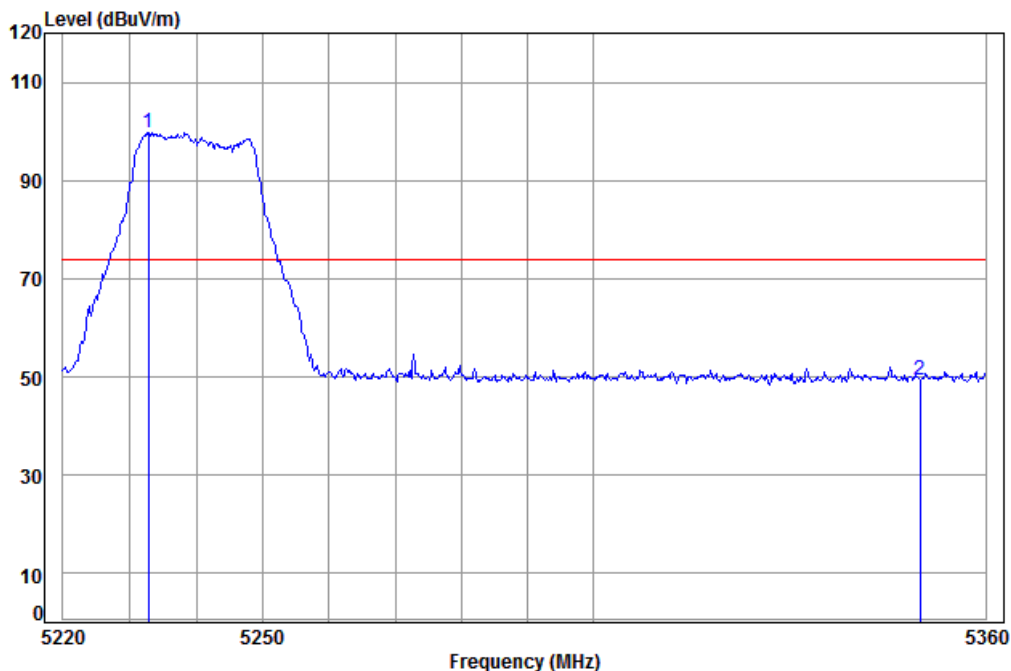


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Test mode:	802.11 n20	Frequency(MHz):	5240	Remark:	Peak	Horizontal
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Condition: 3m HORIZONTAL

Job No: : 3843CR

Mode: : 5240 Band edge

: N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	5232.864	8.12	34.07	38.83	96.38	74.00	25.74
2	5350.000	8.18	34.30	38.85	45.80	74.00	-24.57

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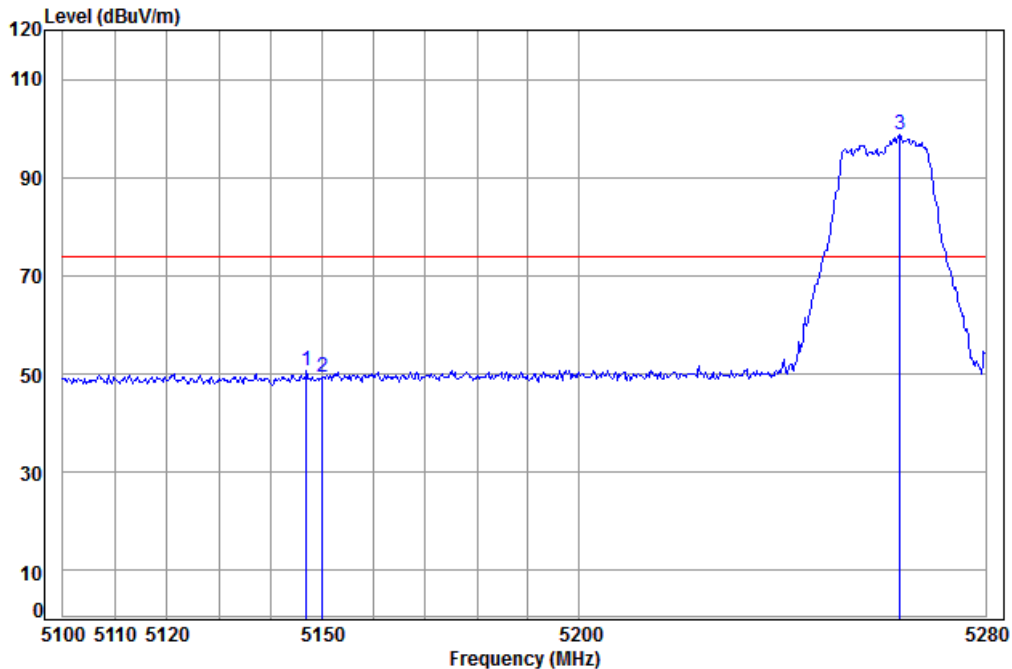


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Test mode:	802.11 n20	Frequency(MHz):	5260	Remark:	Peak	Vertical
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Condition: 3m VERTICAL

Job No: : 3843CR

Mode: : 5260 Band edge
: N20

		Cable	Ant	Preamp	Read	Limit	Over
	Freq	Loss	Factor	Factor	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5146.915	8.08	34.08	38.82	47.44	50.78	74.00 -23.22
2	5150.000	8.08	34.07	38.82	46.03	49.36	74.00 -24.64
3 pp	5262.996	8.13	34.13	38.84	95.30	98.72	74.00 24.72

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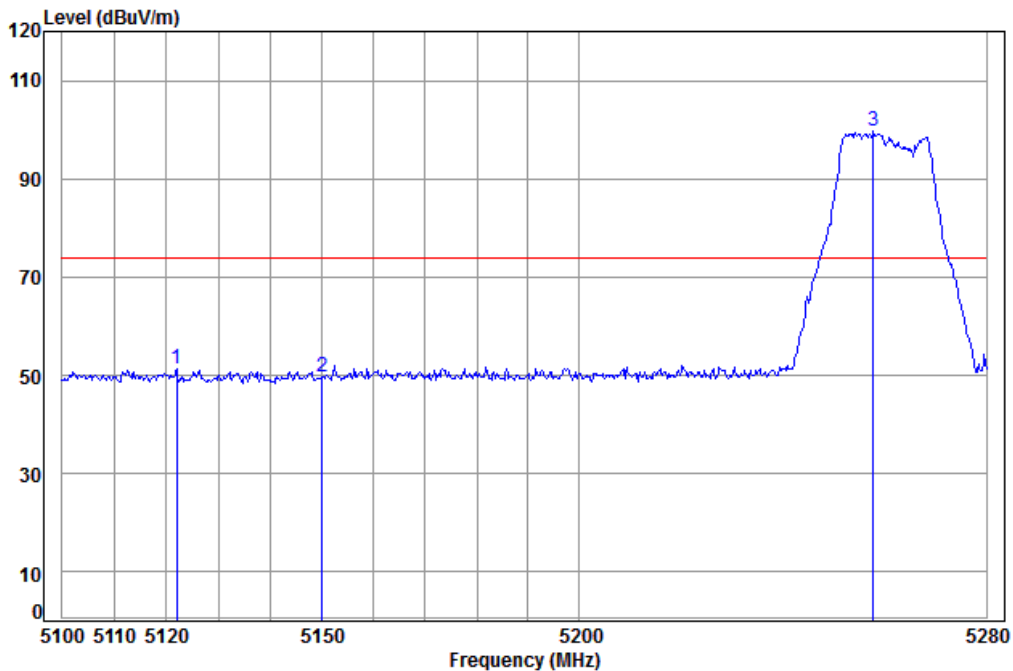
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Test mode:	802.11 n20	Frequency(MHz):	5260	Remark:	Peak	Horizontal
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Condition: 3m HORIZONTAL

Job No: : 3843CR

Mode: : 5260 Band edge

: N20

		Cable	Ant	Preamp	Read		Limit	Over
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5121.982	8.06	34.12	38.81	48.08	51.45	74.00	-22.55
2	5150.000	8.08	34.07	38.82	46.22	49.55	74.00	-24.45
3 pp	5257.704	8.13	34.12	38.84	96.16	99.57	74.00	25.57

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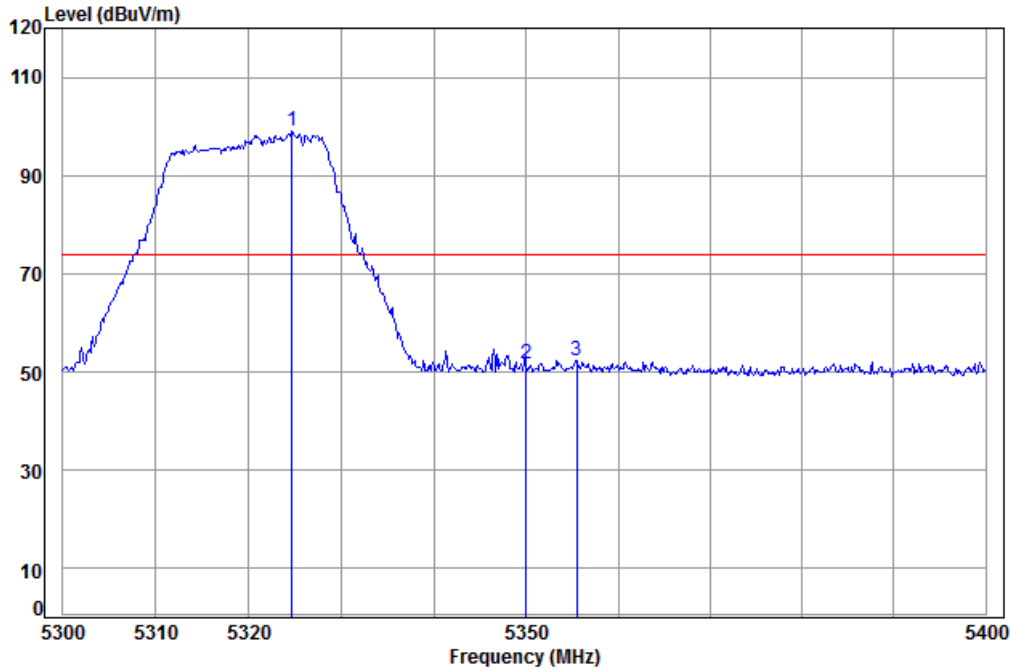
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Test mode:	802.11 n20	Frequency(MHz):	5320	Remark:	Peak	Vertical
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Condition: 3m VERTICAL

Job No: : 3843CR

Mode: : 5320 Band edge
: N20

		Cable	Ant	Preamp	Read	Limit	Over
	Freq	Loss	Factor	Factor	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	5324.626	8.16	34.25	38.85	95.40	98.96	74.00 24.96
2	5350.000	8.18	34.30	38.85	48.18	51.81	74.00 -22.19
3	5355.469	8.18	34.31	38.85	48.68	52.32	74.00 -21.68

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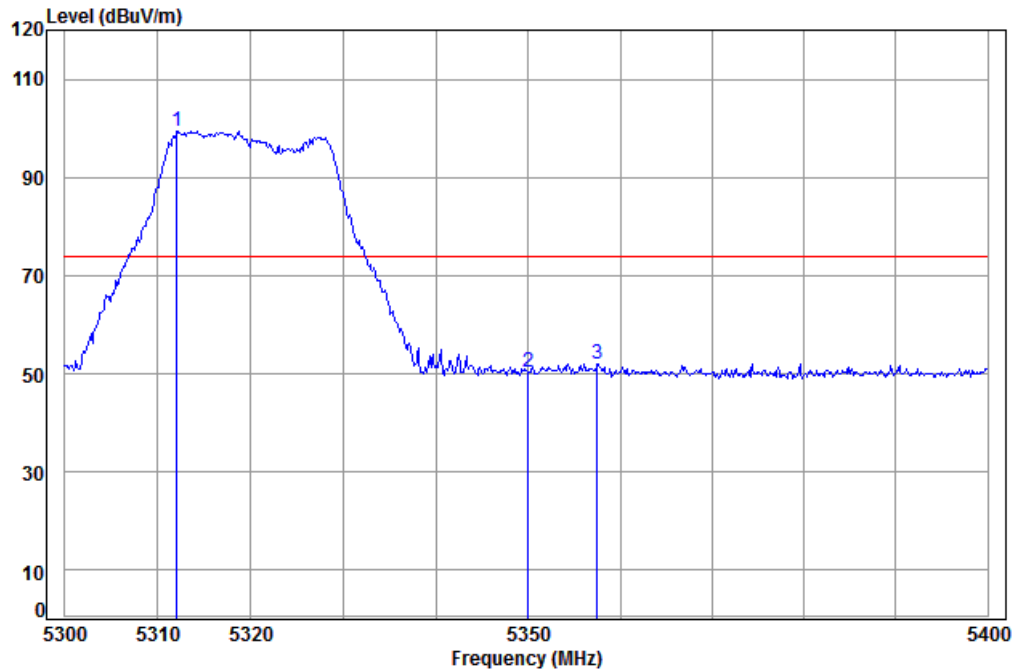
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Test mode:	802.11 n20	Frequency(MHz):	5320	Remark:	Peak	Horizontal
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Condition: 3m HORIZONTAL

Job No: : 3843CR

Mode: : 5320 Band edge
: N20

		Cable	Ant	Preamp	Read	Limit	Over
	Freq	Loss	Factor	Factor	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	5312.001	8.16	34.23	38.85	95.96	99.50	74.00 25.50
2	5350.000	8.18	34.30	38.85	46.62	50.25	74.00 -23.75
3	5357.472	8.18	34.32	38.85	48.45	52.10	74.00 -21.90

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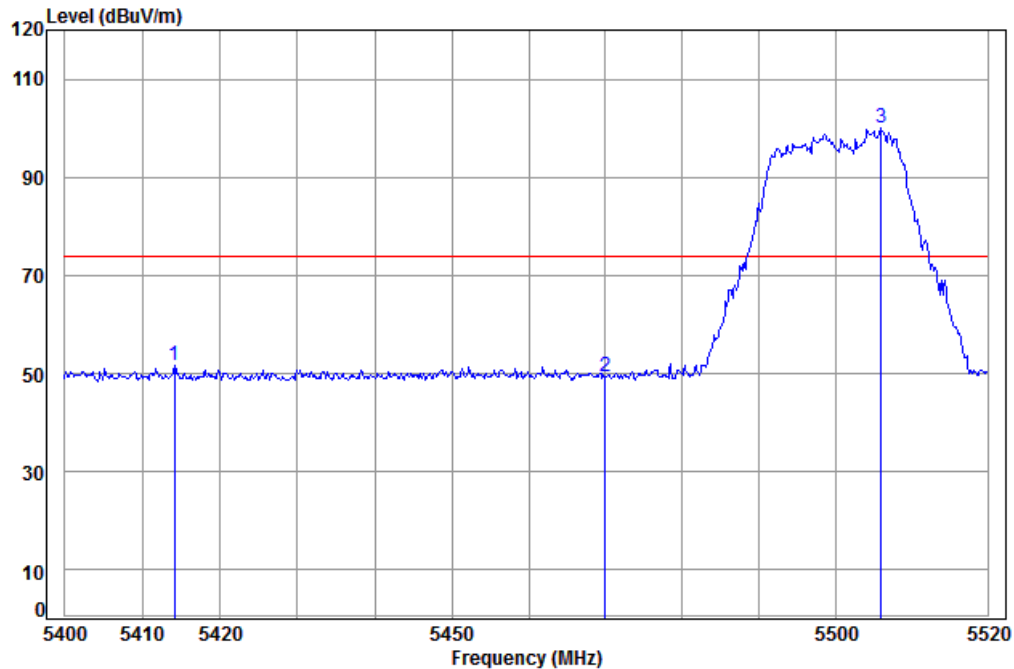
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Test mode:	802.11 n20	Frequency(MHz):	5500	Remark:	Peak	Vertical
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Condition: 3m VERTICAL

Job No: : 3843CR

Mode: : 5500 Band edge

: N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5414.142	8.21	34.39	38.86	47.95	51.69	74.00	-22.31
2	5470.000	8.24	34.36	38.87	45.51	49.24	74.00	-24.76
3 pp	5506.065	8.26	34.35	38.88	96.35	100.08	74.00	26.08

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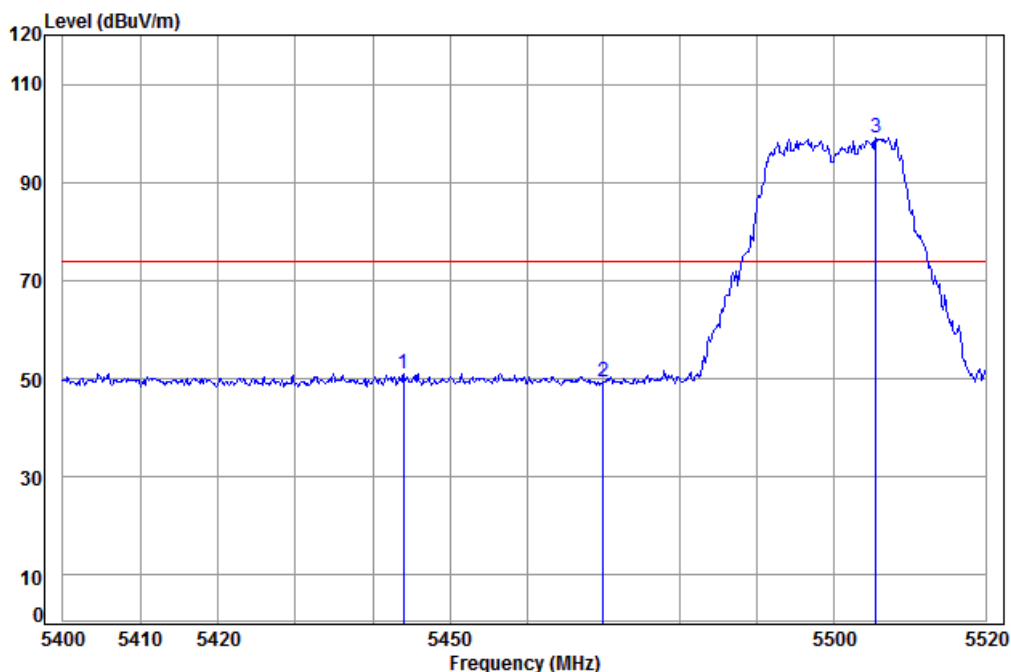


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Test mode:	802.11 n20	Frequency(MHz):	5500	Remark:	Peak	Horizontal
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Condition: 3m HORIZONTAL

Job No: : 3843CR

Mode: : 5500 Band edge
: N20

		Cable	Ant	Preamp	Read	Limit	Over
	Freq	Loss	Factor	Factor	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5443.973	8.22	34.38	38.87	47.43	51.16	74.00 -22.84
2	5470.000	8.24	34.36	38.87	45.54	49.27	74.00 -24.73
3 pp	5505.582	8.26	34.35	38.88	95.39	99.12	74.00 25.12

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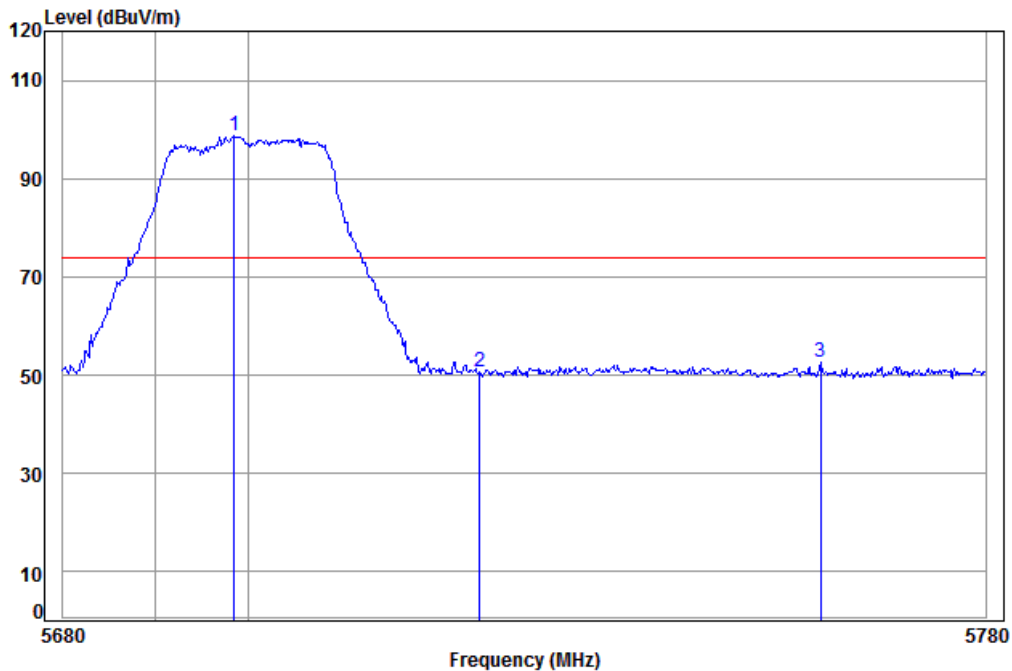
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Test mode:	802.11 n20	Frequency(MHz):	5700	Remark:	Peak	Vertical
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Condition: 3m VERTICAL

Job No: : 3843CR

Mode: : 5700 Band edge

: N20

	Freq	Cable Loss	Ant Factor	Preamplifier Factor	Read Level	Limit Level	Limit Line	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5698.468	8.45	34.25	38.91	94.97	98.76	74.00	24.76
2	5725.000	8.48	34.24	38.92	47.00	50.80	74.00	-23.20
3	5761.972	8.52	34.22	38.92	48.74	52.56	74.00	-21.44

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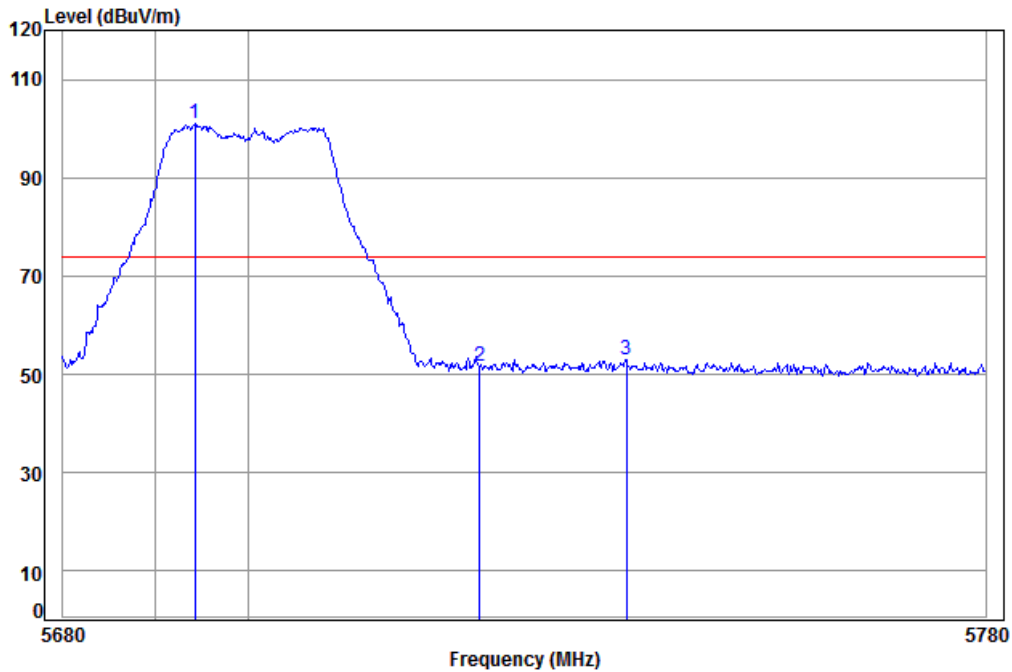
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Test mode:	802.11 n20	Frequency(MHz):	5700	Remark:	Peak	Horizontal
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Condition: 3m HORIZONTAL

Job No: : 3843CR

Mode: : 5700 Band edge
: N20

		Cable	Ant	Preamp	Read		Limit	Over
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5694.193	8.45	34.25	38.91	97.19	100.98	74.00	26.98
2	5725.000	8.48	34.24	38.92	47.90	51.70	74.00	-22.30
3	5740.893	8.50	34.23	38.92	49.14	52.95	74.00	-21.05

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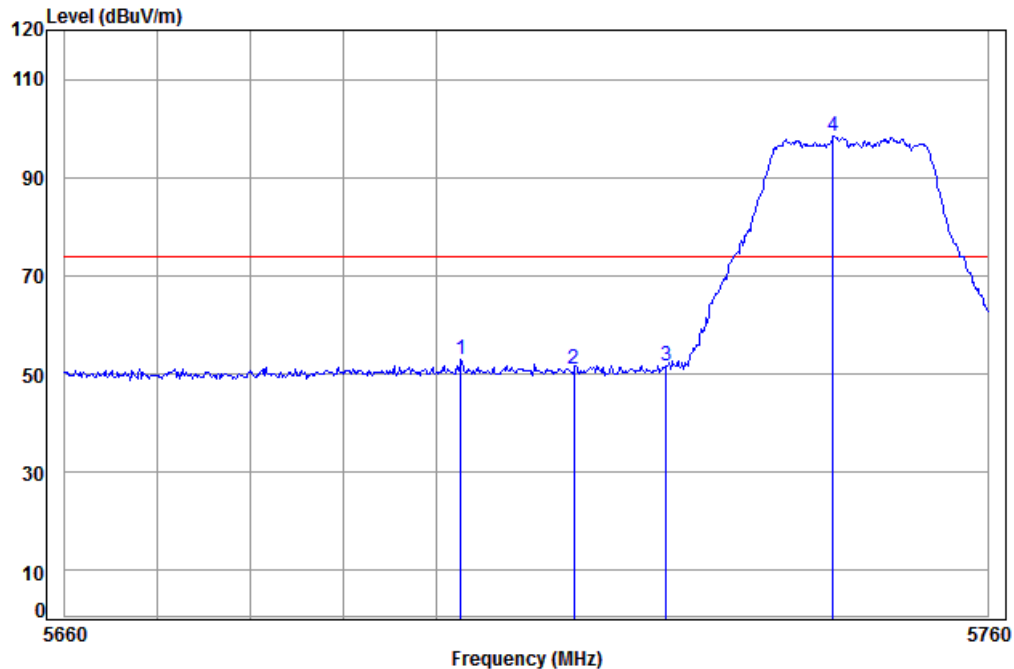
SGS-CSTC Standards Technical Services Ltd. Shenzhen Branch



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Test mode:	802.11 n20	Frequency(MHz):	5745	Remark:	Peak	Vertical
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Condition: 3m VERTICAL

Job No: : 3843CR

Mode: : 5745 Band edge
: N20

	Freq	Cable Loss	Ant Factor	Preamplifier	Read Level	Limit	Over
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5702.686	8.46	34.25	38.91	49.21	74.00	-20.99
2	5715.000	8.47	34.24	38.91	47.11	74.00	-23.09
3	5725.000	8.48	34.24	38.92	47.71	74.00	-22.49
4 pp	5743.178	8.50	34.23	38.92	94.71	74.00	24.52

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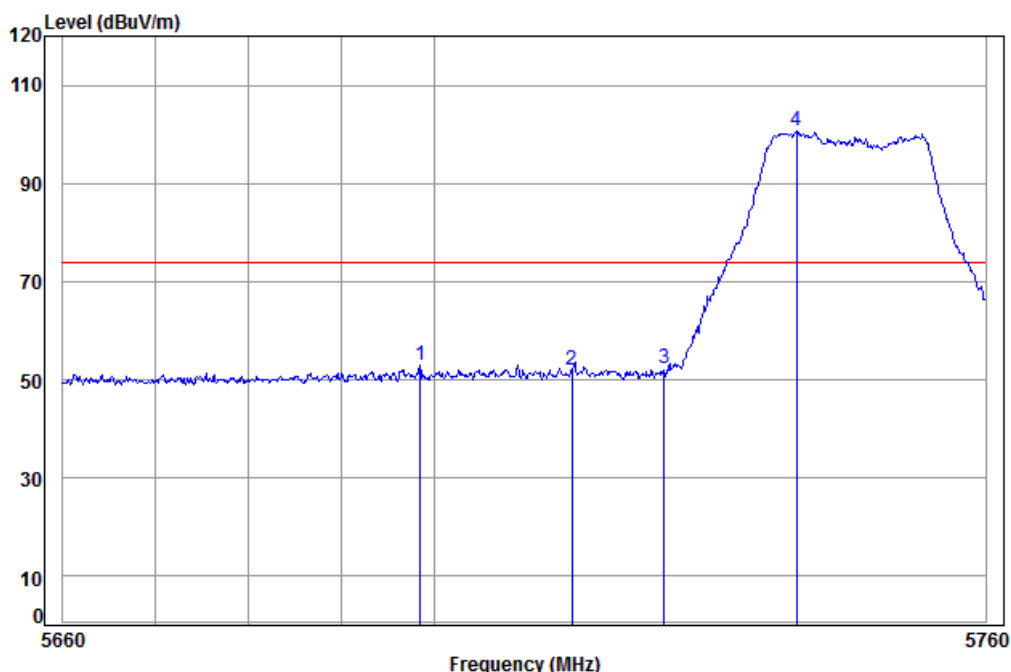


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Test mode:	802.11 n20	Frequency(MHz):	5745	Remark:	Peak	Horizontal
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Condition: 3m HORIZONTAL

Job No: : 3843CR

Mode: : 5745 Band edge
: N20

	Freq	Cable Loss	Ant Factor	Preamplifier Factor	Read Level	Level	Limit Line	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5698.492	8.45	34.25	38.91	49.09	52.88	74.00	-21.12
2	5715.000	8.47	34.24	38.91	48.08	51.88	74.00	-22.12
3	5725.000	8.48	34.24	38.92	48.51	52.31	74.00	-21.69
4 pp	5739.357	8.49	34.23	38.92	96.88	100.68	74.00	26.68

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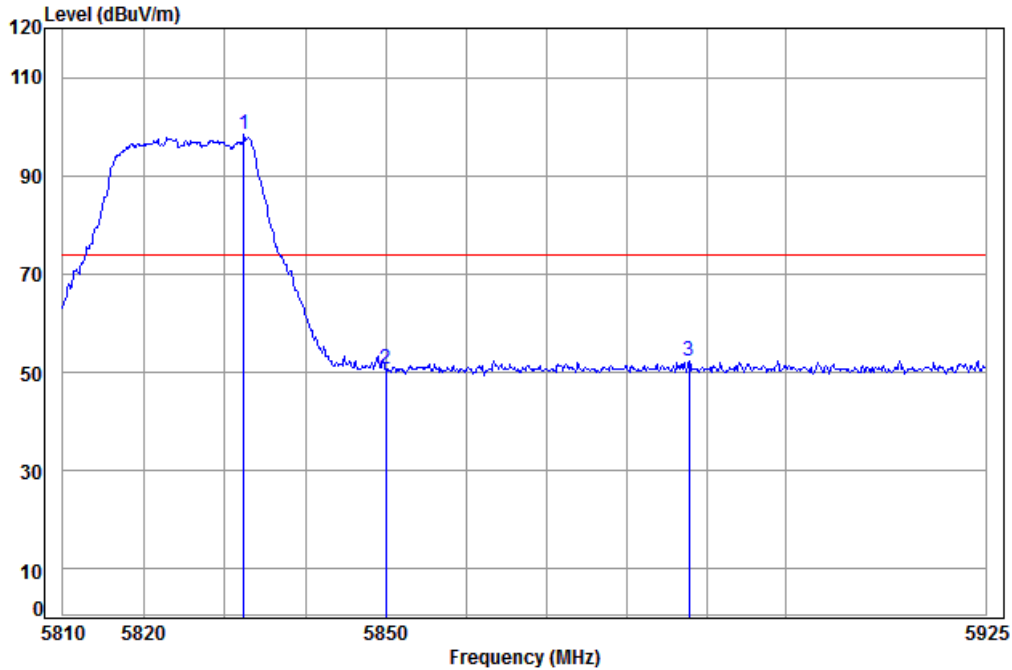


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Test mode:	802.11 n20	Frequency(MHz):	5825	Remark:	Peak	Vertical
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Condition: 3m VERTICAL

Job No: : 3843CR

Mode: : 5825 Band edge
: N20

	Freq	Cable Loss	Ant Factor	Preamplifier	Read Level	Limit Level	Limit Line	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5832.363	8.59	34.28	38.93	94.44	98.38	74.00	24.38
2	5850.000	8.60	34.33	38.94	46.72	50.71	74.00	-23.29
3	5887.839	8.64	34.42	38.94	48.30	52.42	74.00	-21.58

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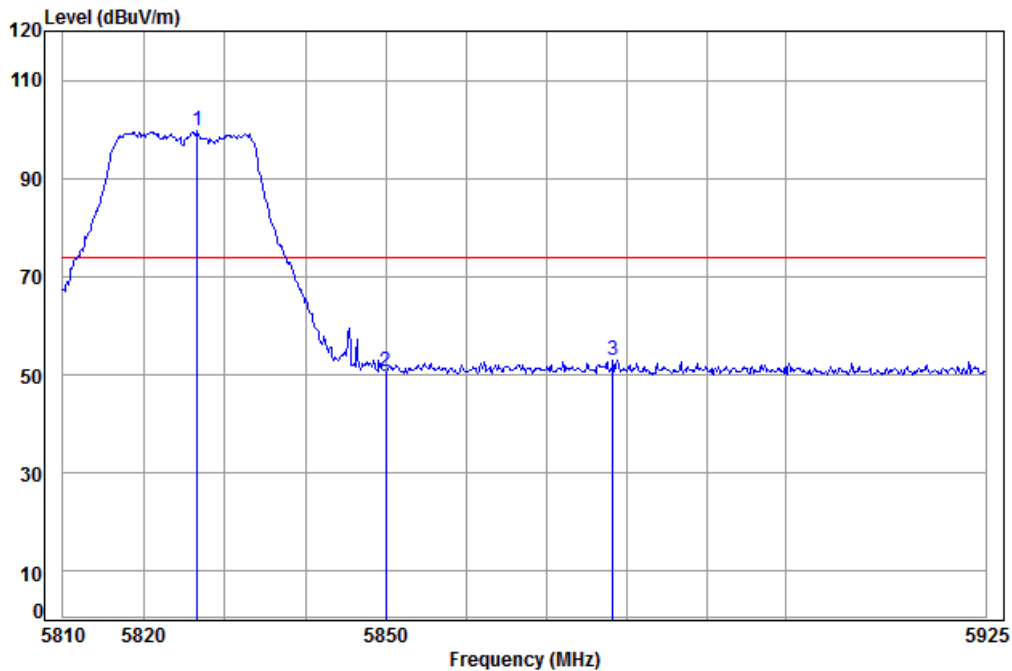
SGS-CSTC Standards Technical Services Ltd. Shenzhen Branch



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Test mode:	802.11 n20	Frequency(MHz):	5825	Remark:	Peak	Horizontal
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Condition: 3m HORIZONTAL

Job No: : 3843CR

Mode: : 5825 Band edge

: N20

		Cable	Ant	Preamp	Read	Limit	Over
	Freq	Loss	Factor	Factor	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	5826.650	8.58	34.27	38.93	95.88	99.80	74.00 25.80
2	5850.000	8.60	34.33	38.94	46.83	50.82	74.00 -23.18
3	5878.269	8.63	34.40	38.94	48.81	52.90	74.00 -21.10

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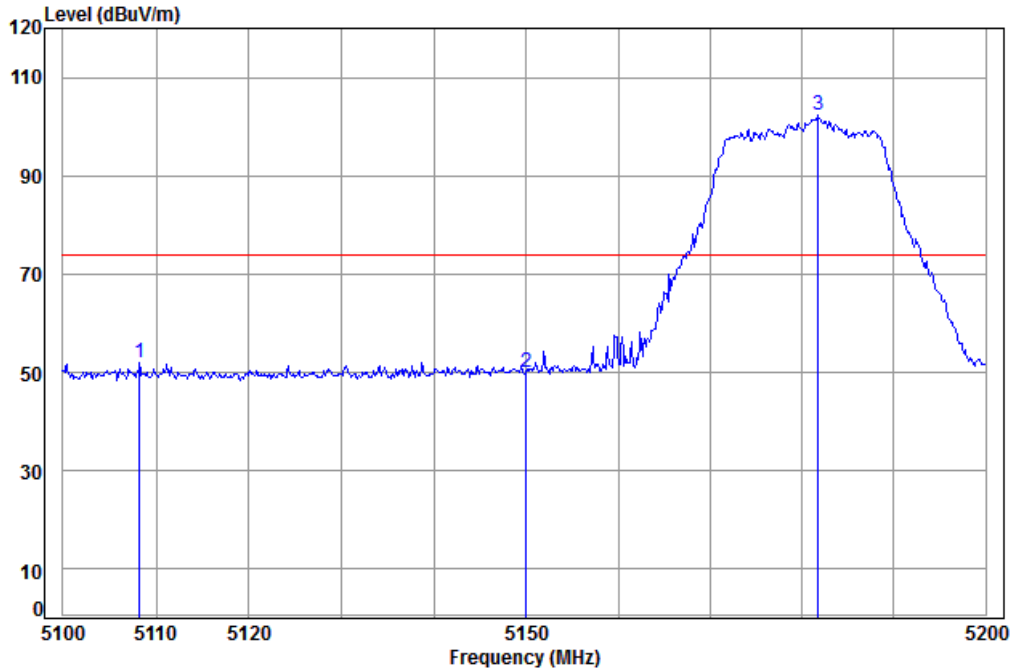
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Test mode:	802.11 ac20	Frequency(MHz):	5180	Remark:	Peak	Vertical
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Condition: 3m Vertical

Job No: : 3843CR

Mode: : 5180 Band edge
: AC20

	Freq	Cable Loss	Ant Factor	Preamplifier	Read Level	Limit Level	Limit Line	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5108.226	8.06	34.14	38.81	48.66	52.05	74.00	-21.95
2	5150.000	8.08	34.07	38.82	46.61	49.94	74.00	-24.06
3 pp	5181.756	8.09	34.03	38.82	99.00	102.30	74.00	28.30

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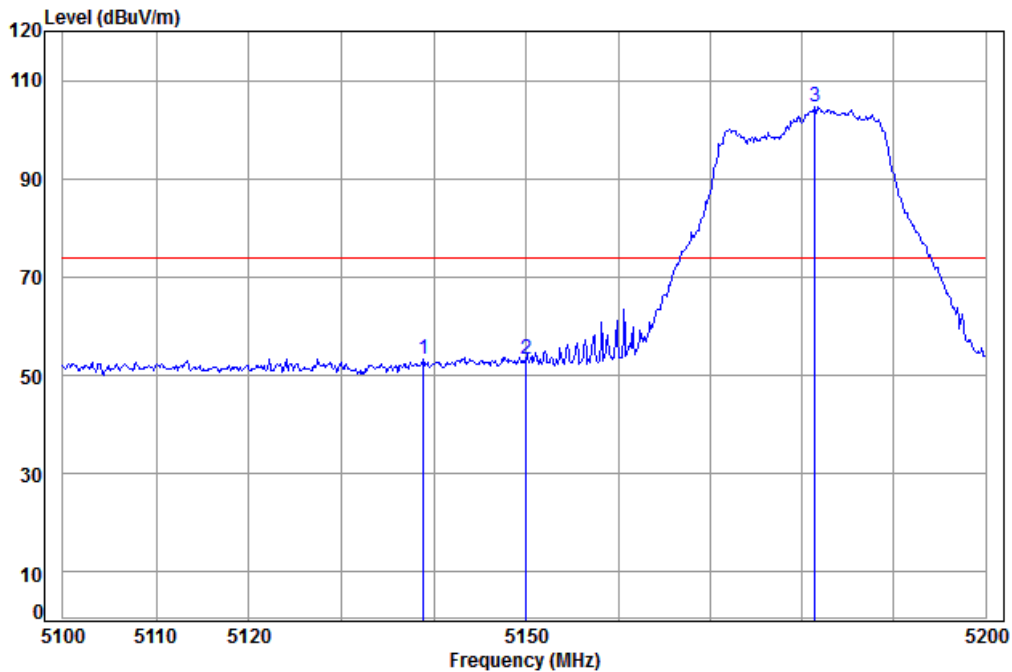
SGS-CSTC Standards Technical Services Ltd. Shenzhen Branch



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Test mode:	802.11 ac20	Frequency(MHz):	5180	Remark:	Peak	Horizontal
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Condition: 3m HORIZONTAL

Job No: : 3843CR

Mode: : 5180 Band edge
: AC20

	Cable	Ant	Preamp	Read		Limit	Over
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5138.869	8.07	34.09	38.82	49.97	53.31	74.00 -20.69
2	5150.000	8.08	34.07	38.82	50.01	53.34	74.00 -20.66
3 pp	5181.354	8.09	34.03	38.82	101.44	104.74	74.00 30.74

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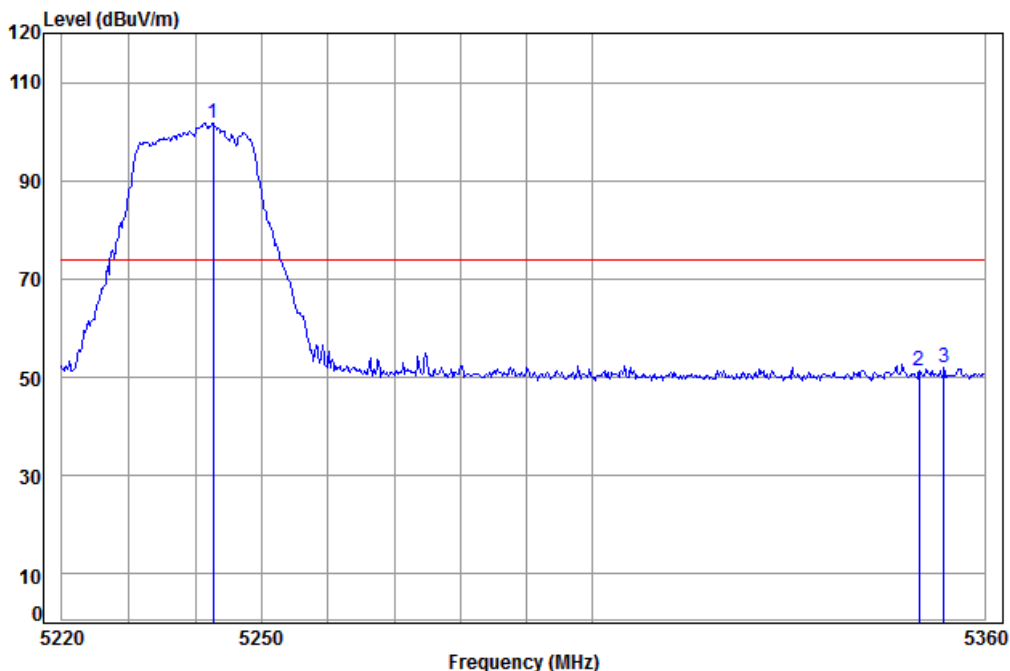


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Test mode:	802.11 ac20	Frequency(MHz):	5240	Remark:	Peak	Vertical
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Condition: 3m VERTICAL

Job No: : 3843CR

Mode: : 5240 Band edge

: AC20

		Cable	Ant	Preamp	Read		Limit	Over
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	pp 5242.707	8.12	34.09	38.83	98.45	101.83	74.00	27.83
2	5350.000	8.18	34.30	38.85	47.77	51.40	74.00	-22.60
3	5353.762	8.18	34.31	38.85	48.19	51.83	74.00	-22.17

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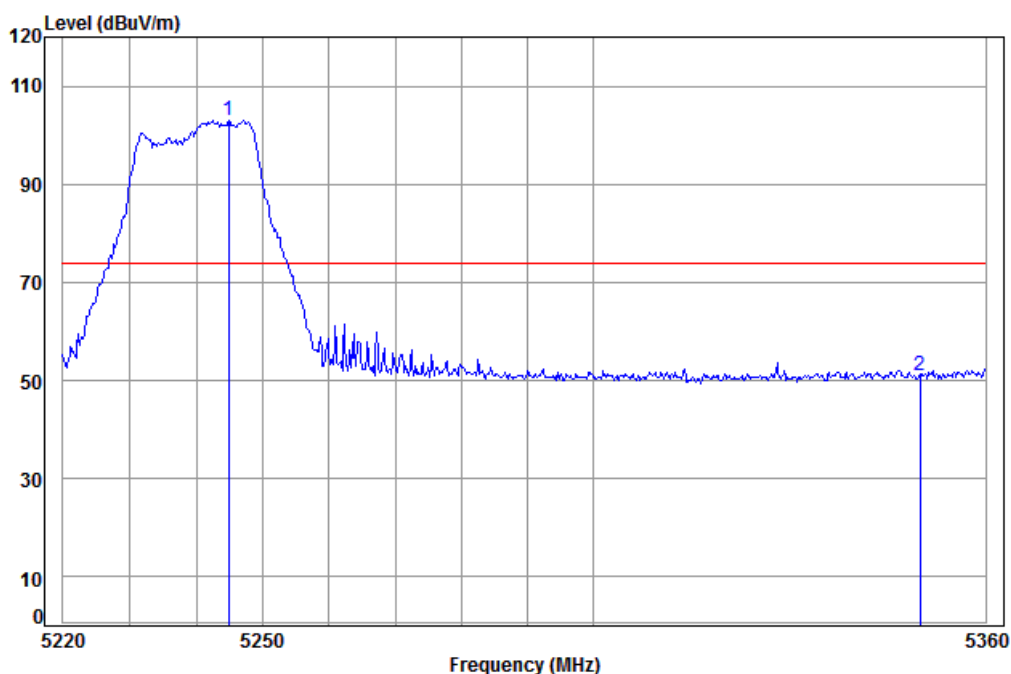


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Test mode:	802.11 ac20	Frequency(MHz):	5240	Remark:	Peak	Horizontal
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Condition: 3m HORIZONTAL

Job No: : 3843CR

Mode: : 5240 Band edge

: AC20

		Cable	Ant	Preamp	Read		Limit	Over
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	pp 5244.927	8.13	34.09	38.83	99.76	103.15	74.00	29.15
2	5350.000	8.18	34.30	38.85	47.43	51.06	74.00	-22.94

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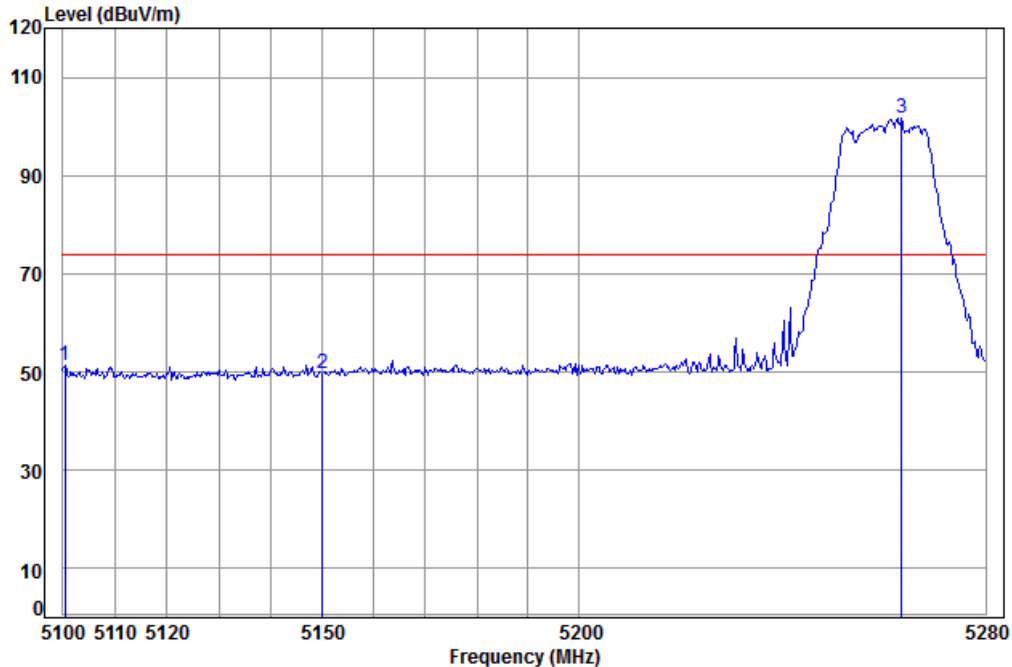
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Test mode:	802.11 ac20	Frequency(MHz):	5260	Remark:	Peak	Vertical
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Condition: 3m VERTICAL

Job No: : 3843CR

Mode: : 5260 Band edge

: AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5100.354	8.05	34.15	38.81	48.08	51.47	74.00 -22.53
2	5150.000	8.08	34.07	38.82	46.49	49.82	74.00 -24.18
3 pp	5263.360	8.13	34.13	38.84	98.33	101.75	74.00 27.75

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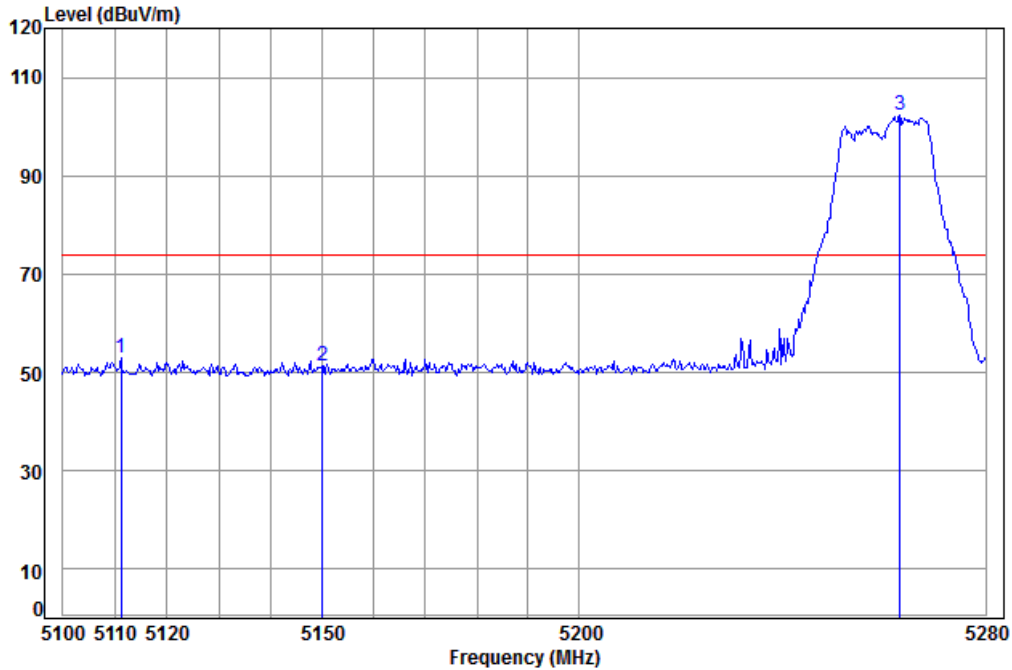
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Test mode:	802.11 ac20	Frequency(MHz):	5260	Remark:	Peak	Horizontal
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Condition: 3m HORIZONTAL

Job No: : 3843CR

Mode: : 5260 Band edge

: AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Over Line	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5111.157	8.06	34.13	38.81	49.55	52.93	74.00	-21.07
2	5150.000	8.08	34.07	38.82	47.86	51.19	74.00	-22.81
3 pp	5262.996	8.13	34.13	38.84	98.90	102.32	74.00	28.32

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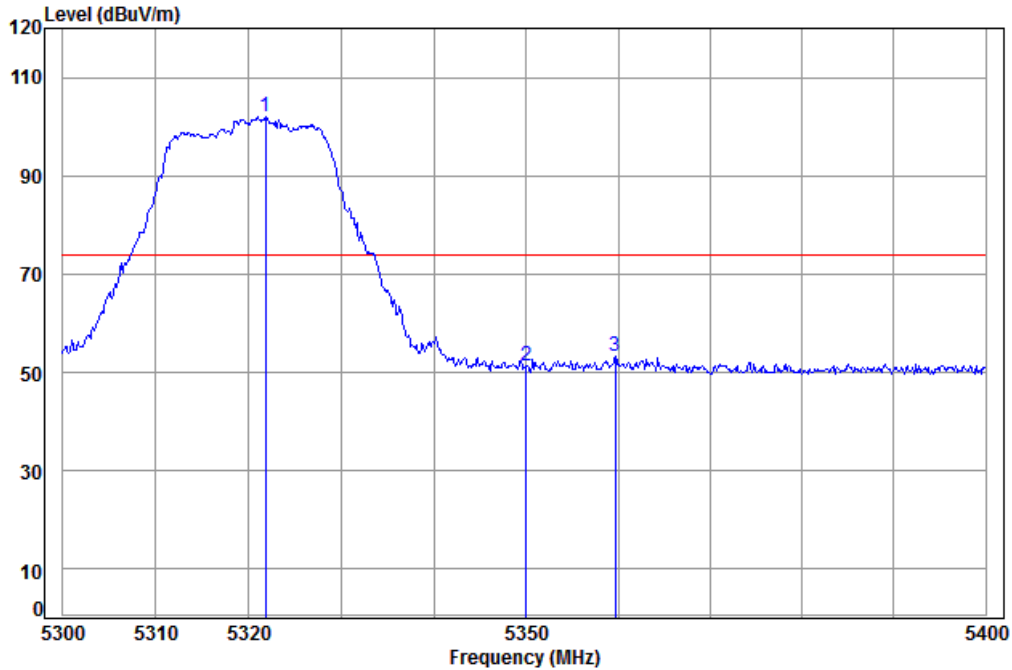
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Test mode:	802.11 ac20	Frequency(MHz):	5320	Remark:	Peak	Vertical
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Condition: 3m VERTICAL

Job No: : 3843CR

Mode: : 5320 Band edge
: AC20

		Cable	Ant	Preamp	Read	Limit	Over
	Freq	Loss	Factor	Factor	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	5321.840	8.16	34.25	38.85	98.40	101.96	74.00 27.96
2	5350.000	8.18	34.30	38.85	47.76	51.39	74.00 -22.61
3	5359.675	8.18	34.32	38.85	49.62	53.27	74.00 -20.73

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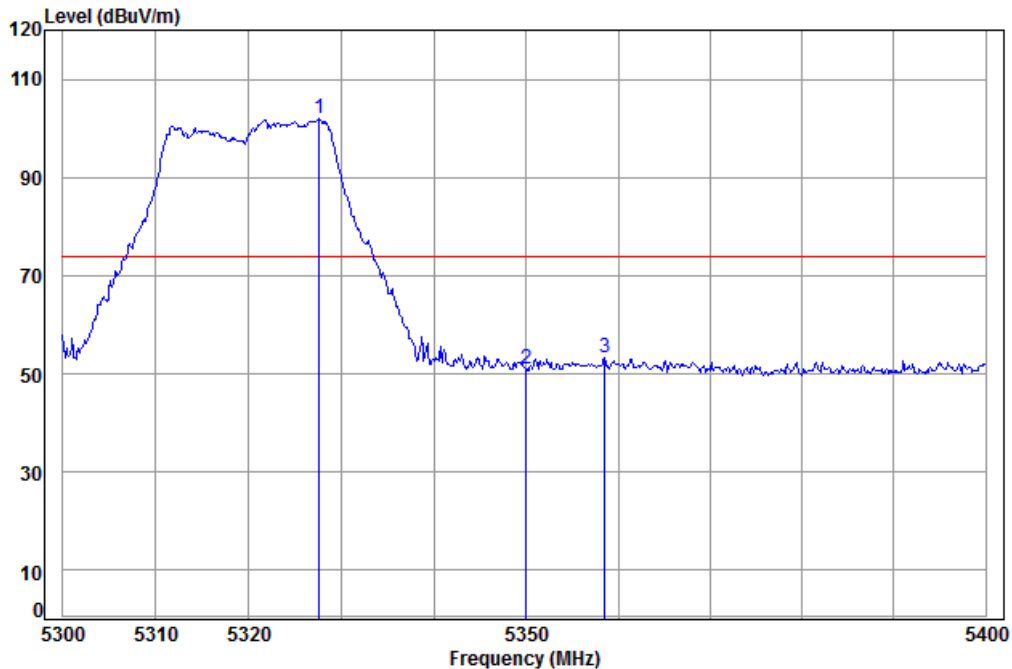
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Test mode:	802.11 ac20	Frequency(MHz):	5320	Remark:	Peak	Horizontal
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Condition: 3m HORIZONTAL

Job No: : 3843CR

Mode: : 5320 Band edge
: AC20

		Cable	Ant	Preamp	Read	Limit	Over
	Freq	Loss	Factor	Factor	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	5327.613	8.17	34.26	38.85	98.46	102.04	74.00 28.04
2	5350.000	8.18	34.30	38.85	47.31	50.94	74.00 -23.06
3	5358.473	8.18	34.32	38.85	49.81	53.46	74.00 -20.54

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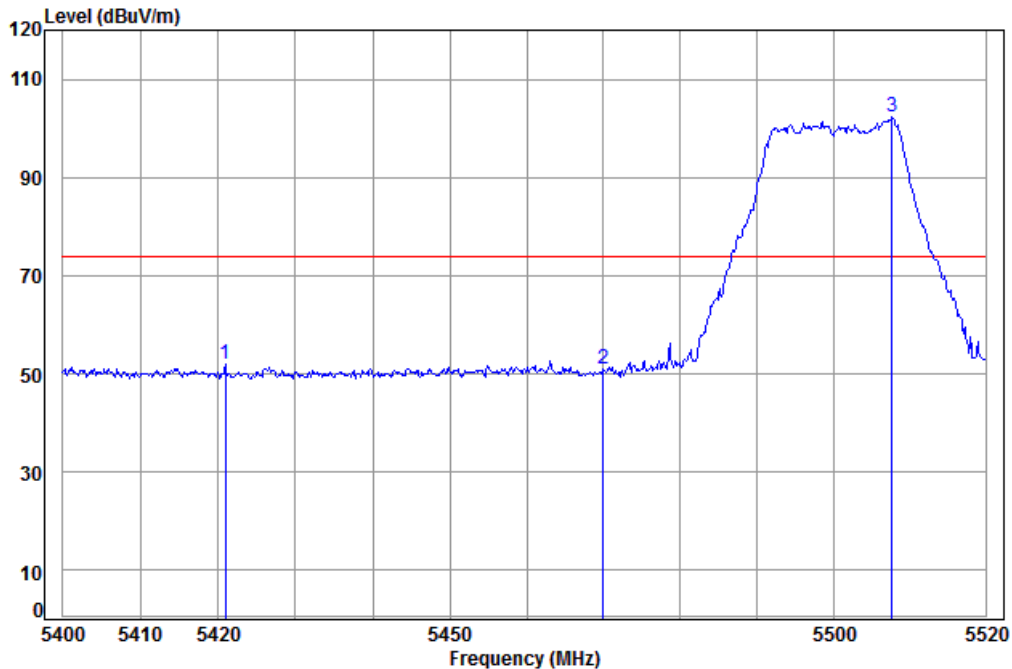
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Test mode:	802.11 ac20	Frequency(MHz):	5500	Remark:	Peak	Vertical
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Condition: 3m VERTICAL

Job No: : 3843CR

Mode: : 5500 Band edge
: AC20

		Cable	Ant	Preamp	Read	Limit	Over
	Freq	Loss	Factor	Factor	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5420.929	8.21	34.39	38.87	48.16	51.89	74.00 -22.11
2	5470.000	8.24	34.36	38.87	47.35	51.08	74.00 -22.92
3 pp	5507.760	8.26	34.35	38.88	98.58	102.31	74.00 28.31

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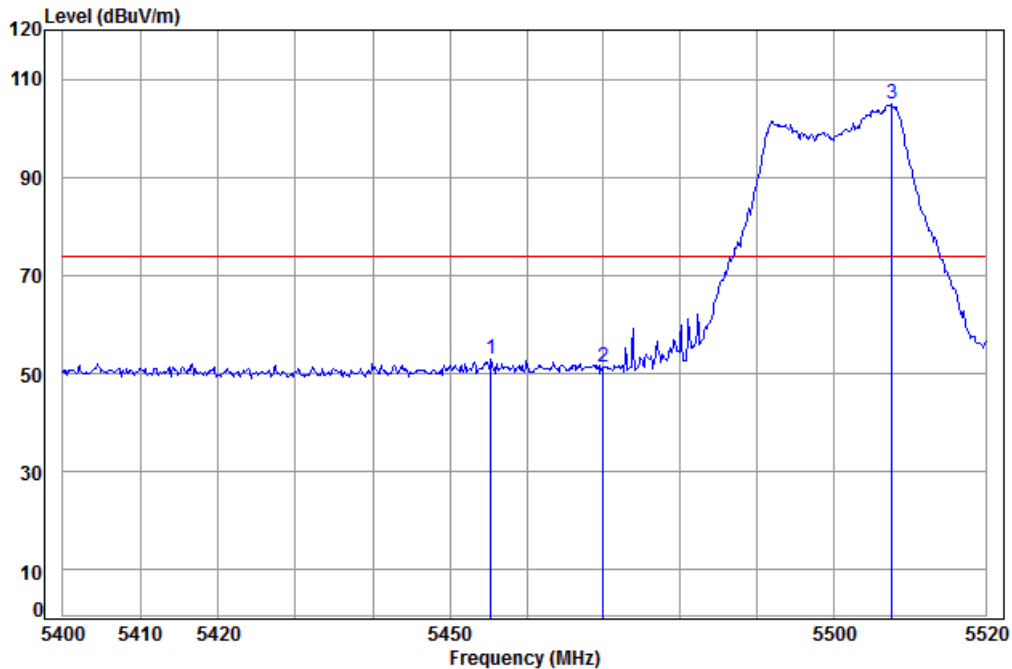
SGS-CSTC Standards Technical Services Ltd. Shenzhen Branch



Report No.: SZEM160500384302

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Test mode:	802.11 ac20	Frequency(MHz):	5500	Remark:	Peak	Horizontal
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Condition: 3m HORIZONTAL

Job No: : 3843CR

Mode: : 5500 Band edge

: AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5455.352	8.23	34.37	38.87	49.35	53.08	74.00 -20.92
2	5470.000	8.24	34.36	38.87	47.68	51.41	74.00 -22.59
3 pp	5507.760	8.26	34.35	38.88	101.08	104.81	74.00 30.81

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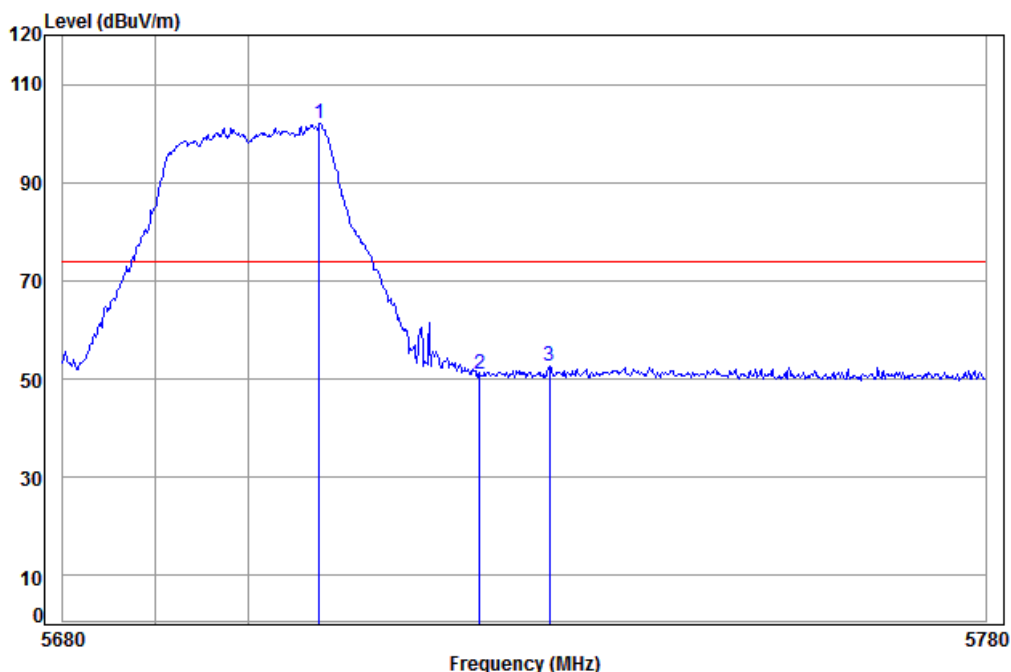


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Report No.: SZEM160500384302

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Test mode:	802.11 ac20	Frequency(MHz):	5700	Remark:	Peak	Vertical
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Condition: 3m VERTICAL

Job No: : 3843CR

Mode: : 5700 Band edge
: AC20

		Cable	Ant	Preamp	Read	Limit	Over
	Freq	Loss	Factor	Factor	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	5707.625	8.46	34.25	38.91	98.37	102.17	74.00 28.17
2	5725.000	8.48	34.24	38.92	47.25	51.05	74.00 -22.95
3	5732.482	8.49	34.23	38.92	48.79	52.59	74.00 -21.41

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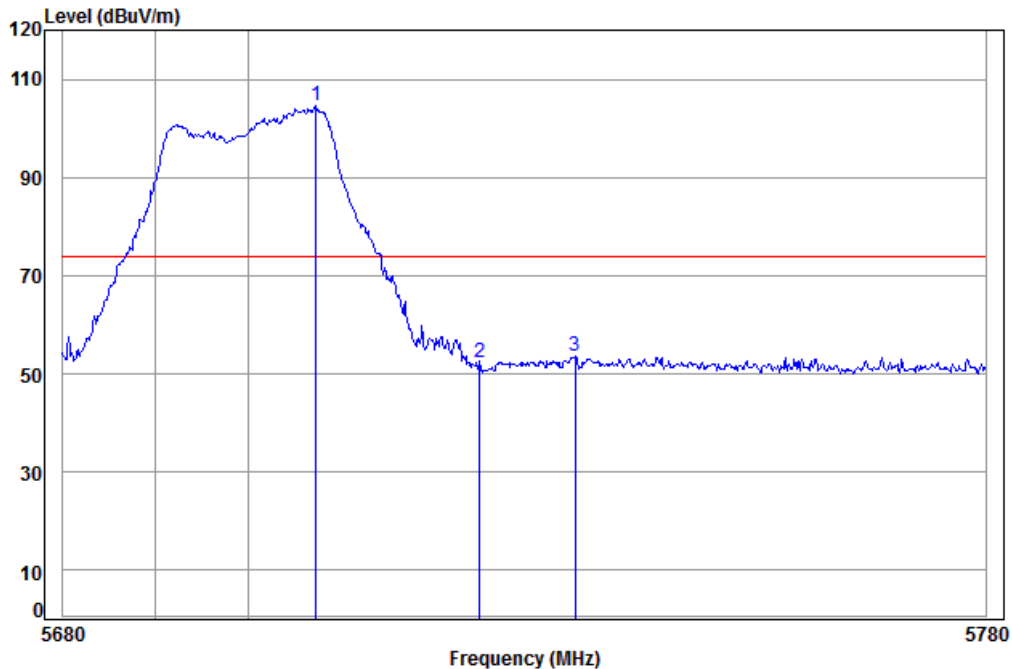
SGS-CSTC Standards Technical Services Ltd. Shenzhen Branch



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Test mode:	802.11 ac20	Frequency(MHz):	5700	Remark:	Peak	Horizontal
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Condition: 3m HORIZONTAL

Job No: : 3843CR

Mode: : 5700 Band edge

: AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	5707.227	8.46	34.25	38.91	100.72	104.52	74.00 30.52
2	5725.000	8.48	34.24	38.92	48.56	52.36	74.00 -21.64
3	5735.284	8.49	34.23	38.92	49.66	53.46	74.00 -20.54

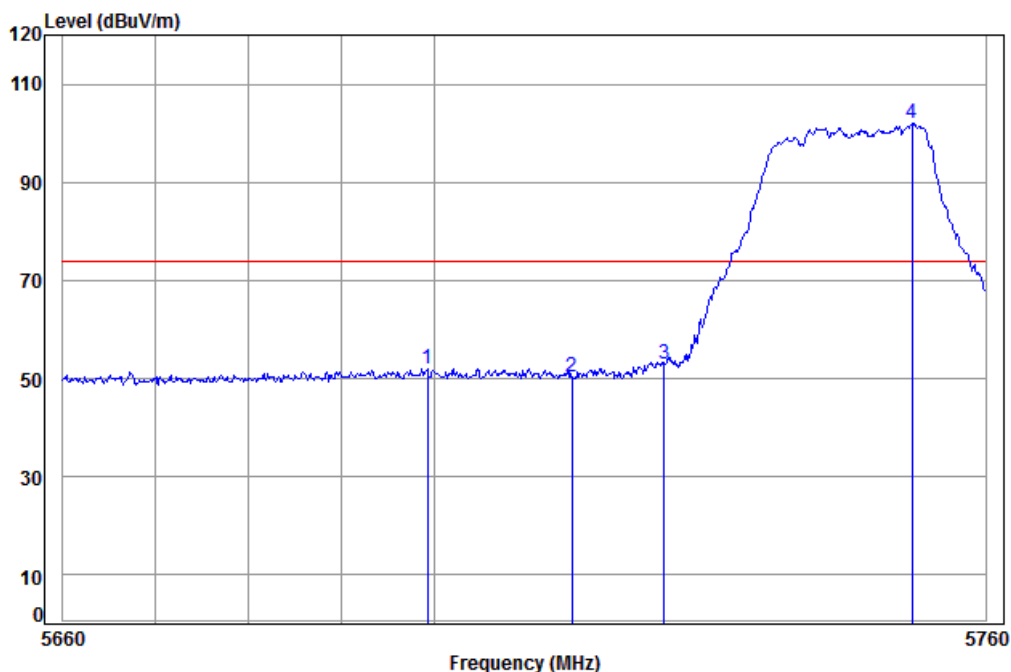
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Test mode:	802.11 ac20	Frequency(MHz):	5745	Remark:	Peak	Vertical
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Condition: 3m VERTICAL

Job No: : 3843CR

Mode: : 5745 Band edge
: AC20

	Freq	Cable Loss	Ant Factor	Preamplifier Factor	Read Level	Level	Limit Line	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5699.291	8.45	34.25	38.91	48.23	52.02	74.00	-21.98
2	5715.000	8.47	34.24	38.91	46.55	50.35	74.00	-23.65
3	5725.000	8.48	34.24	38.92	49.30	53.10	74.00	-20.90
4 pp	5751.936	8.51	34.22	38.92	98.30	102.11	74.00	28.11

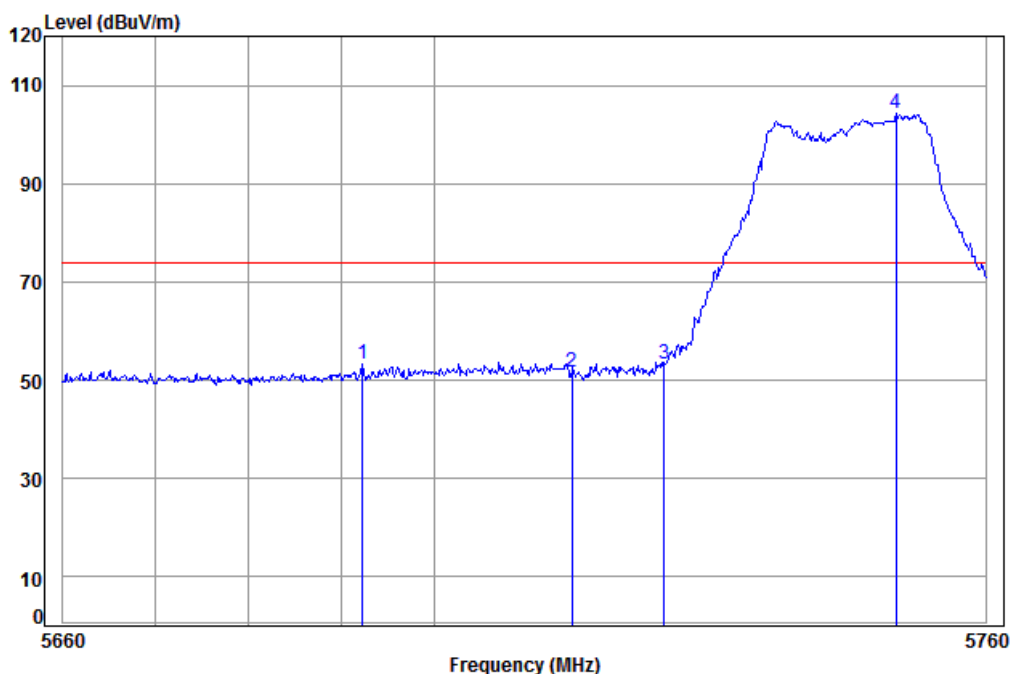
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Test mode:	802.11 ac20	Frequency(MHz):	5745	Remark:	Peak	Horizontal
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Condition: 3m HORIZONTAL

Job No: : 3843CR

Mode: : 5745 Band edge
: AC20

	Freq	Cable Loss	Ant Factor	Preamplifier	Read Level	Level	Limit	Over
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5692.308	8.45	34.25	38.91	49.57	53.36	74.00	-20.64
2	5715.000	8.47	34.24	38.91	47.98	51.78	74.00	-22.22
3	5725.000	8.48	34.24	38.92	49.60	53.40	74.00	-20.60
4 pp	5750.223	8.51	34.22	38.92	100.35	104.16	74.00	30.16

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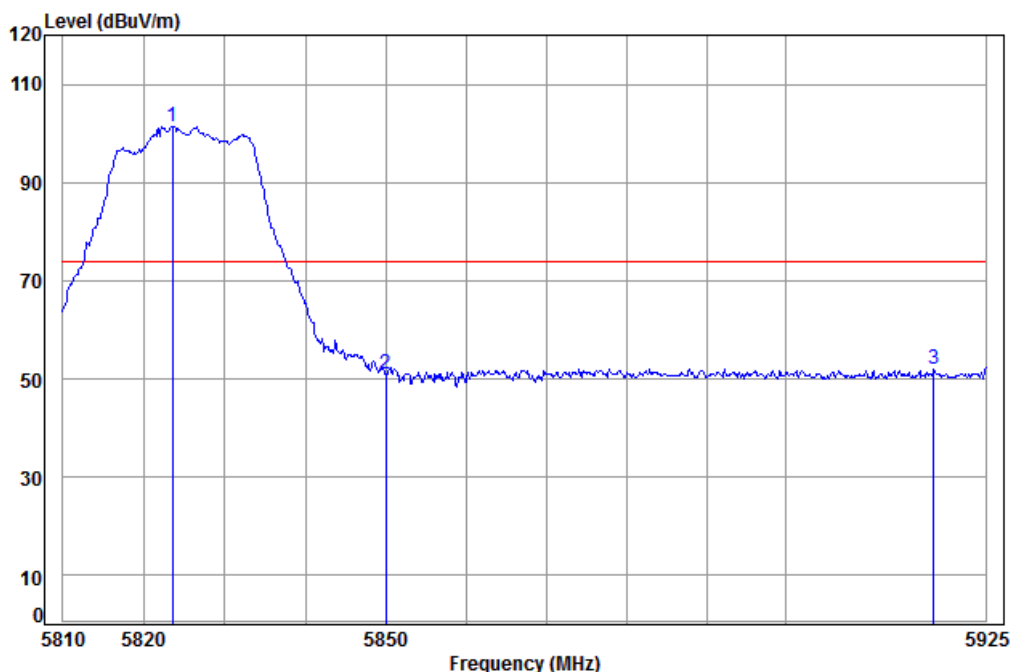


SGS-CSTC Standards Technical Services Ltd. Shenzhen Branch

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Test mode:	802.11 ac20	Frequency(MHz):	5825	Remark:	Peak	Vertical
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Condition: 3m VERTICAL

Job No: : 3843CR

Mode: : 5825 Band edge

: AC20

		Cable	Ant	Preamp	Read	Limit	Over
	Freq	Loss	Factor	Factor	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	5823.567	8.58	34.26	38.93	97.52	101.43	74.00 27.43
2	5850.000	8.60	34.33	38.94	47.11	51.10	74.00 -22.90
3	5918.500	8.67	34.50	38.95	47.81	52.03	74.00 -21.97

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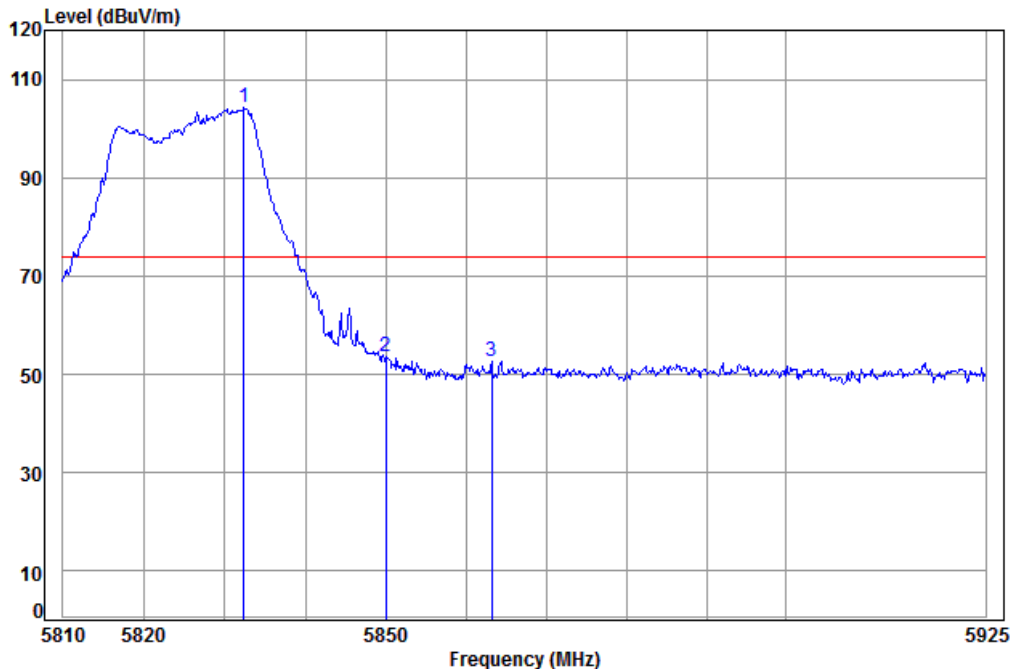
SGS-CSTC Standards Technical Services Ltd. Shenzhen Branch



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Test mode:	802.11 ac20	Frequency(MHz):	5825	Remark:	Peak	Horizontal
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Condition: 3m HORIZONTAL

Job No: : 3843CR

Mode: : 5825 Band edge

: AC20

		Cable	Ant	Preamp	Read		Limit	Over
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	pp 5832.363	8.59	34.28	38.93	100.32	104.26	74.00	30.26
2	5850.000	8.60	34.33	38.94	49.59	53.58	74.00	-20.42
3	5863.195	8.62	34.36	38.94	48.72	52.76	74.00	-21.24

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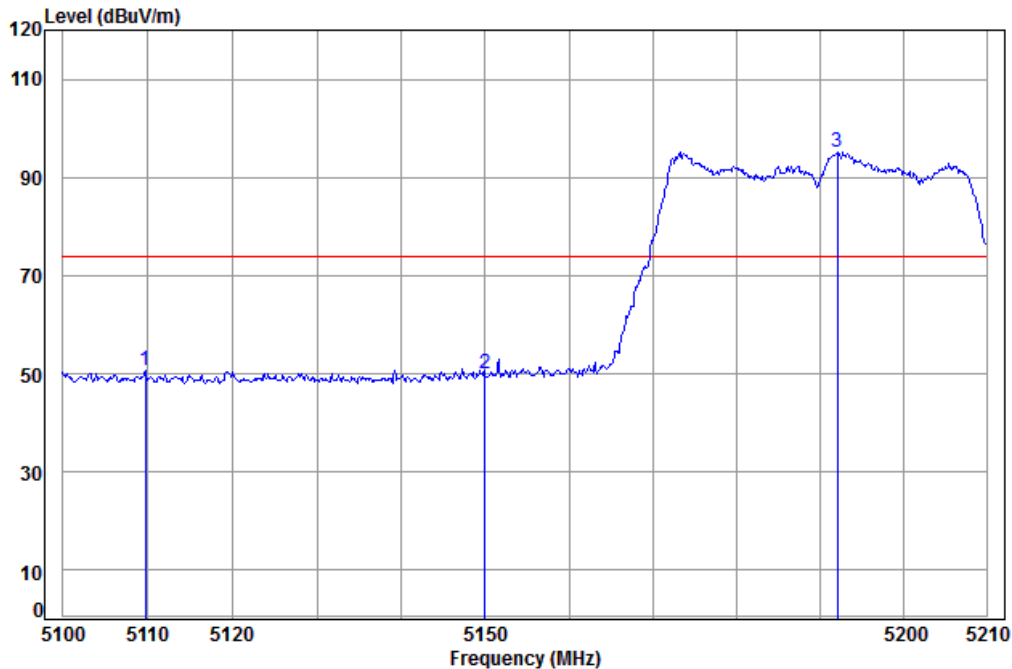
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Test mode:	802.11 n40	Frequency(MHz):	5190	Remark:	Peak	Vertical
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Condition: 3m VERTICAL

Job No: : 3843CR

Mode: : 5190 Band edge

: N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5109.695	8.06	34.13	38.81	47.37	50.75	74.00	-23.25
2	5150.000	8.08	34.07	38.82	46.71	50.04	74.00	-23.96
3 pp	5192.131	8.10	34.01	38.83	91.82	95.10	74.00	21.10

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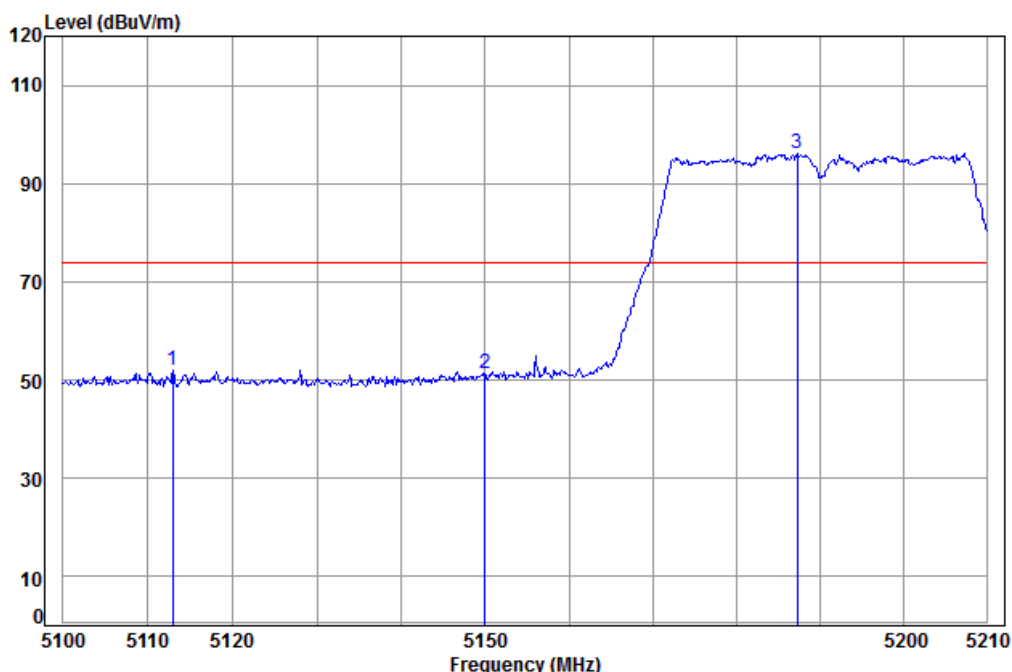


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Test mode:	802.11 n40	Frequency(MHz):	5190	Remark:	Peak	Horizontal
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Condition: 3m HORIZONTAL

Job No: : 3843CR

Mode: : 5190 Band edge
: N40

	Freq	Cable Loss	Ant Factor	Preamplifier Factor	Read Level	Limit Level	Limit Line	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5112.967	8.06	34.13	38.81	48.73	52.11	74.00	-21.89
2	5150.000	8.08	34.07	38.82	47.89	51.22	74.00	-22.78
3 pp	5187.258	8.10	34.02	38.82	92.75	96.05	74.00	22.05

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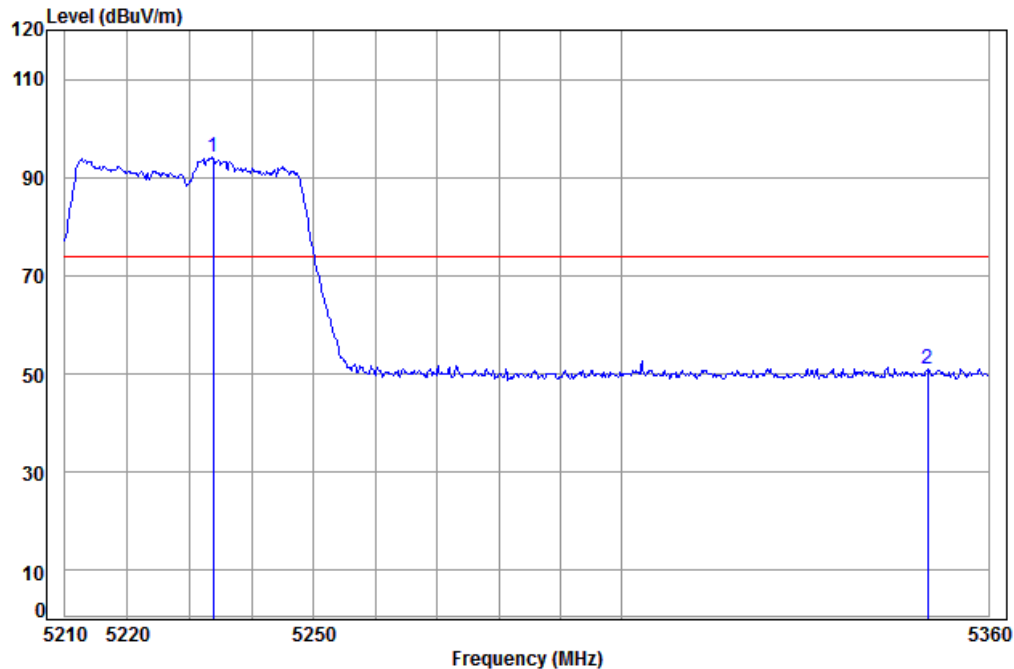
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Test mode:	802.11 n40	Frequency(MHz):	5230	Remark:	Peak	Vertical
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Condition: 3m VERTICAL

Job No: : 3843CR

Mode: : 5230 Band edge
: N40

		Cable	Ant	Preamp	Read	Limit	Over
	Freq	Loss	Factor	Factor	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	5233.715	8.12	34.07	38.83	90.76	94.12	74.00 20.12
2	5350.000	8.18	34.30	38.85	47.29	50.92	74.00 -23.08

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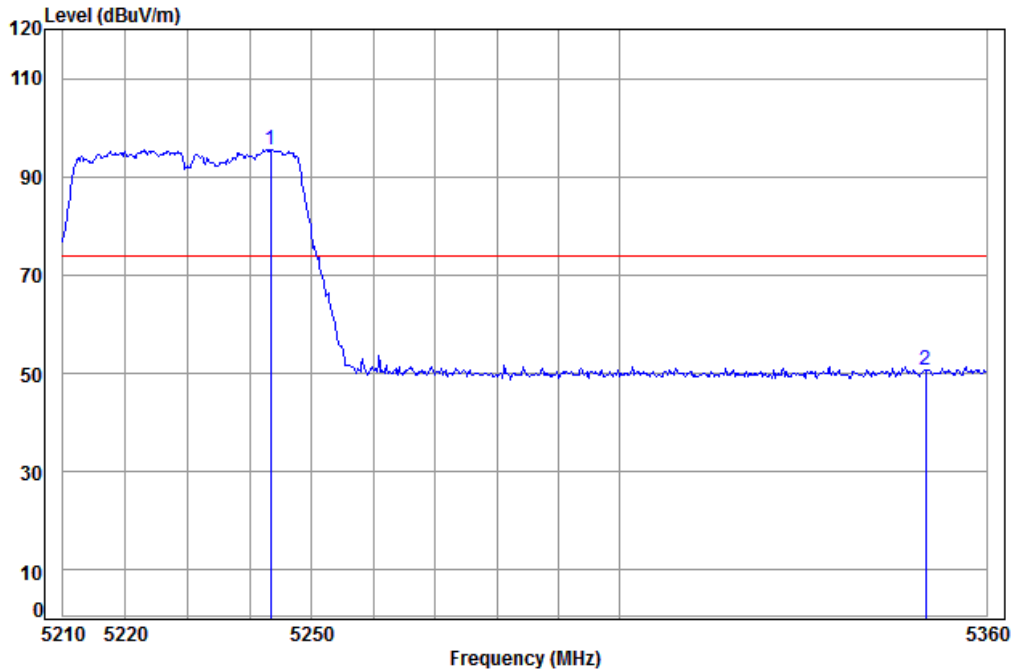
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Test mode:	802.11 n40	Frequency(MHz):	5230	Remark:	Peak	Horizontal
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Condition: 3m HORIZONTAL

Job No: : 3843CR

Mode: : 5230 Band edge
: N40

		Cable	Ant	Preamp	Read	Limit	Over
	Freq	Loss	Factor	Factor	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	5243.380	8.12	34.09	38.83	92.25	95.63	74.00 21.63
2	5350.000	8.18	34.30	38.85	46.98	50.61	74.00 -23.39

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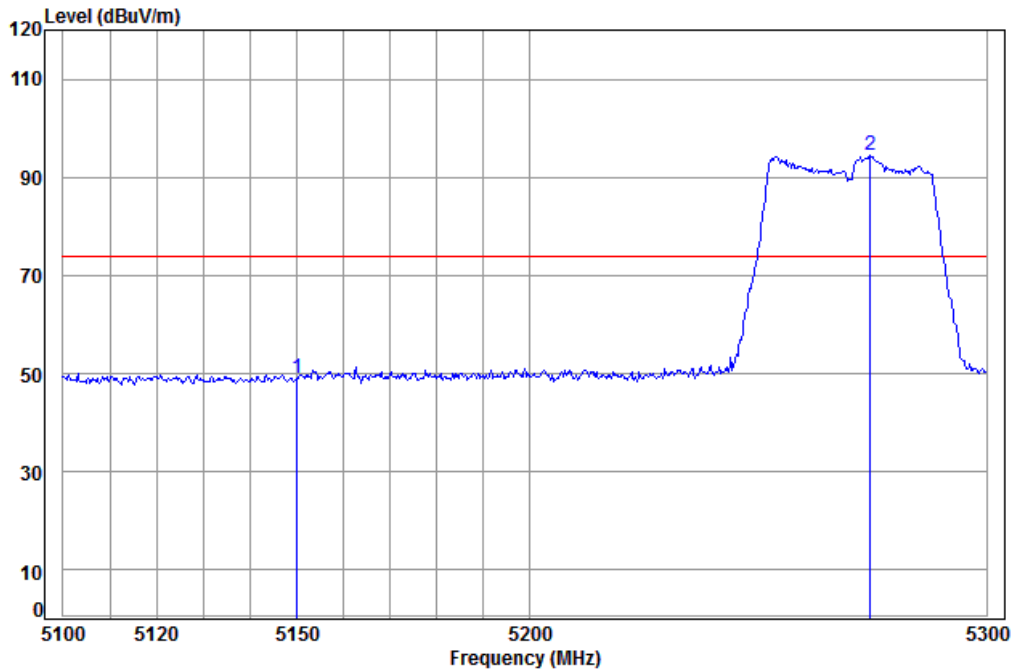
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Test mode:	802.11 n40	Frequency(MHz):	5270	Remark:	Peak	Vertical
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Condition: 3m VERTICAL

Job No: : 3843CR

Mode: : 5270 Band edge

: N40

		Cable	Ant	Preamp	Read	Limit	Over
	Freq	Loss	Factor	Factor	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5150.000	8.08	34.07	38.82	45.83	49.16	74.00 -24.84
2	pp 5274.375	8.14	34.15	38.84	90.95	94.40	74.00 20.40

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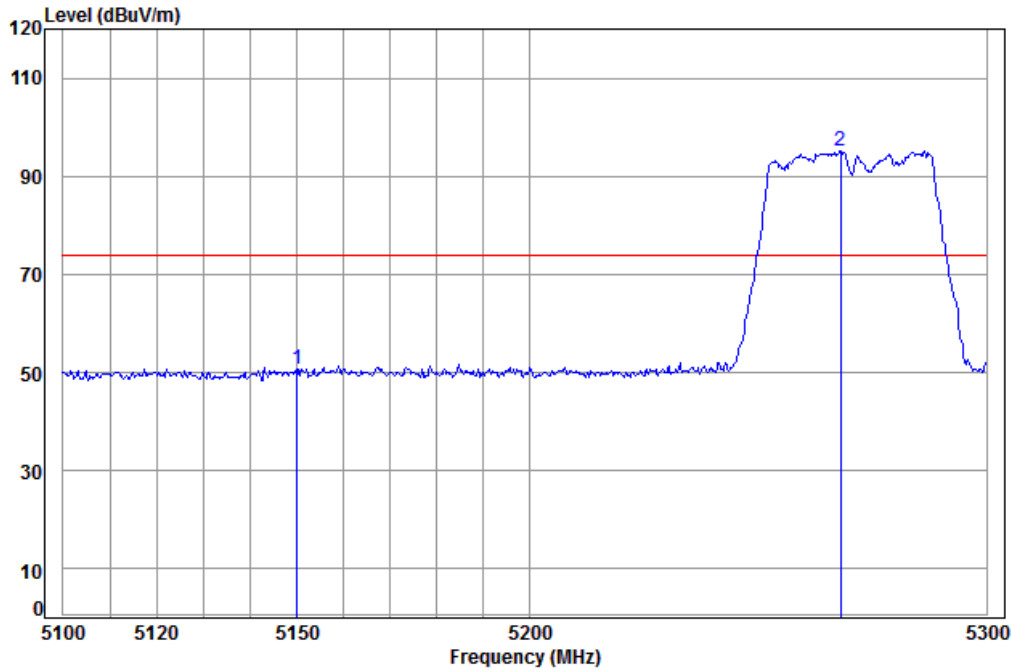
SGS-CSTC Standards Technical Services Ltd. Shenzhen Branch



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Test mode:	802.11 n40	Frequency(MHz):	5270	Remark:	Peak	Horizontal
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Condition: 3m HORIZONTAL
Job No: : 3843CR
Mode: : 5270 Band edge
: N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5150.000	8.08	34.07	38.82	47.43	50.76	74.00	-23.24
2 pp	5267.886	8.14	34.14	38.84	91.78	95.22	74.00	21.22

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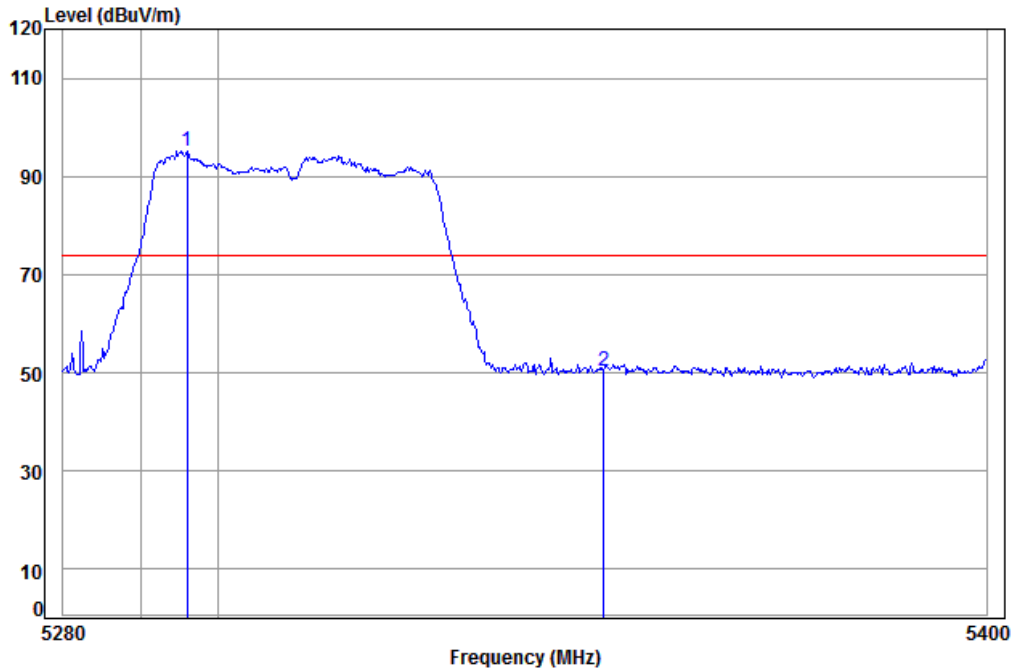
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Test mode:	802.11 n40	Frequency(MHz):	5310	Remark:	Peak	Vertical
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Condition: 3m VERTICAL

Job No: : 3843CR

Mode: : 5310 Band edge
: N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	5295.924	8.15	34.19	38.84	91.72	74.00	21.22
2	5350.000	8.18	34.30	38.85	46.69	74.00	-23.68

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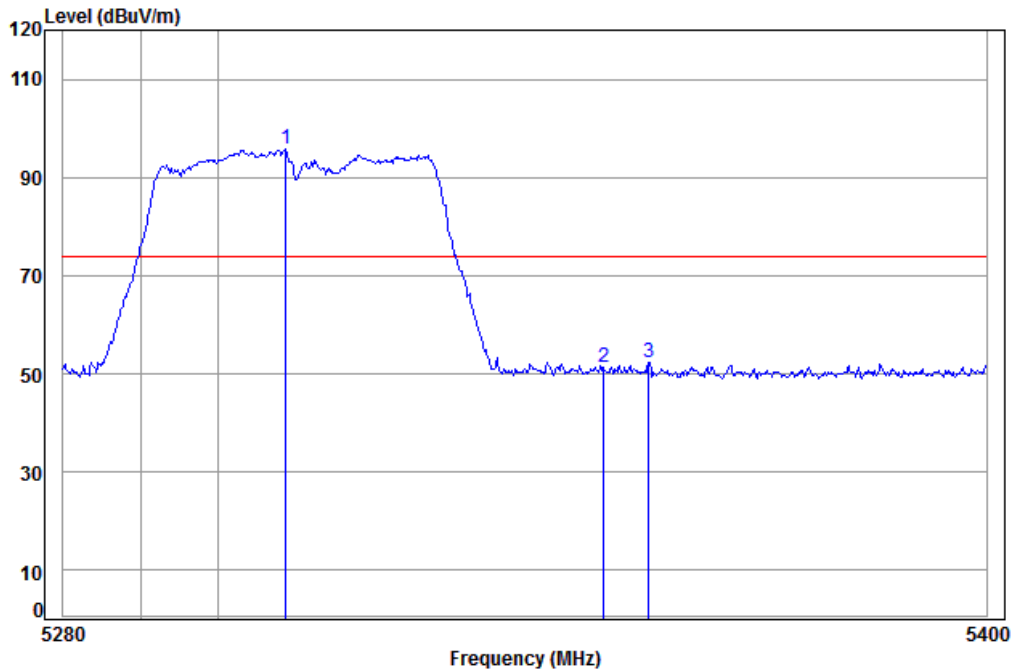
SGS-CSTC Standards Technical Services Ltd. Shenzhen Branch



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Test mode:	802.11 n40	Frequency(MHz):	5310	Remark:	Peak	Horizontal
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Condition: 3m HORIZONTAL

Job No: : 3843CR

Mode: : 5310 Band edge
: N40

		Cable	Ant	Preamp	Read		Limit	Over
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5308.674	8.16	34.22	38.85	92.30	95.83	74.00	21.83
2	5350.000	8.18	34.30	38.85	47.64	51.27	74.00	-22.73
3	5355.767	8.18	34.31	38.85	48.68	52.32	74.00	-21.68

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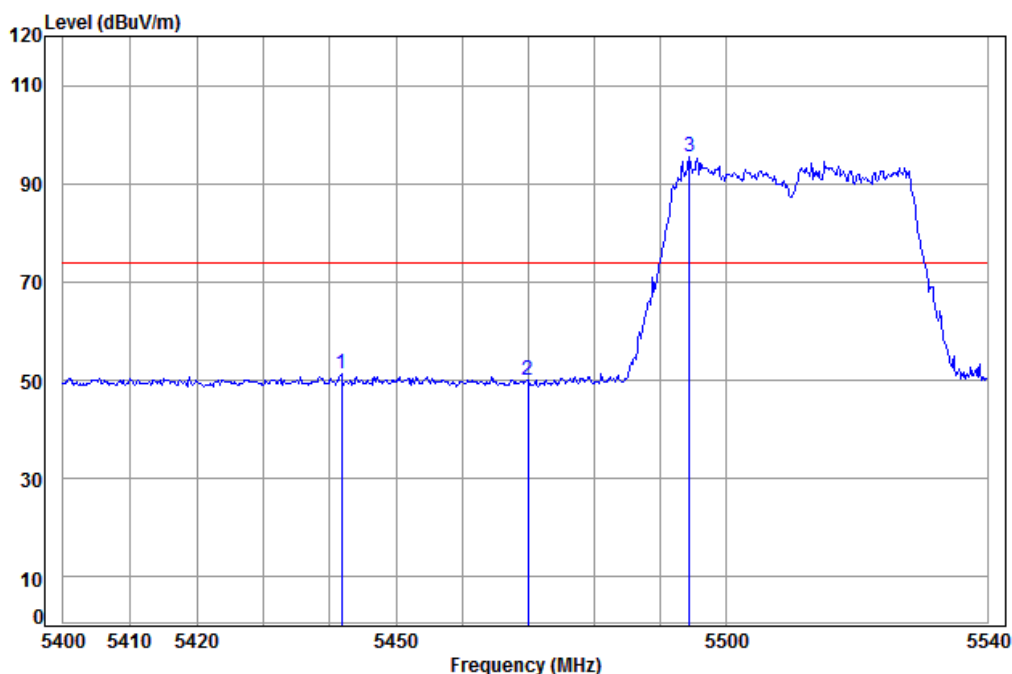


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Test mode:	802.11 n40	Frequency(MHz):	5510	Remark:	Peak	Vertical
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Condition: 3m VERTICAL

Job No: : 3843CR

Mode: : 5510 Band edge

: N40

		Cable	Ant	Preamp	Read	Limit	Over
	Freq	Loss	Factor	Factor	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5441.764	8.22	34.38	38.87	47.69	51.42	74.00 -22.58
2	5470.000	8.24	34.36	38.87	46.16	49.89	74.00 -24.11
3 pp	5494.528	8.25	34.35	38.88	91.74	95.46	74.00 21.46

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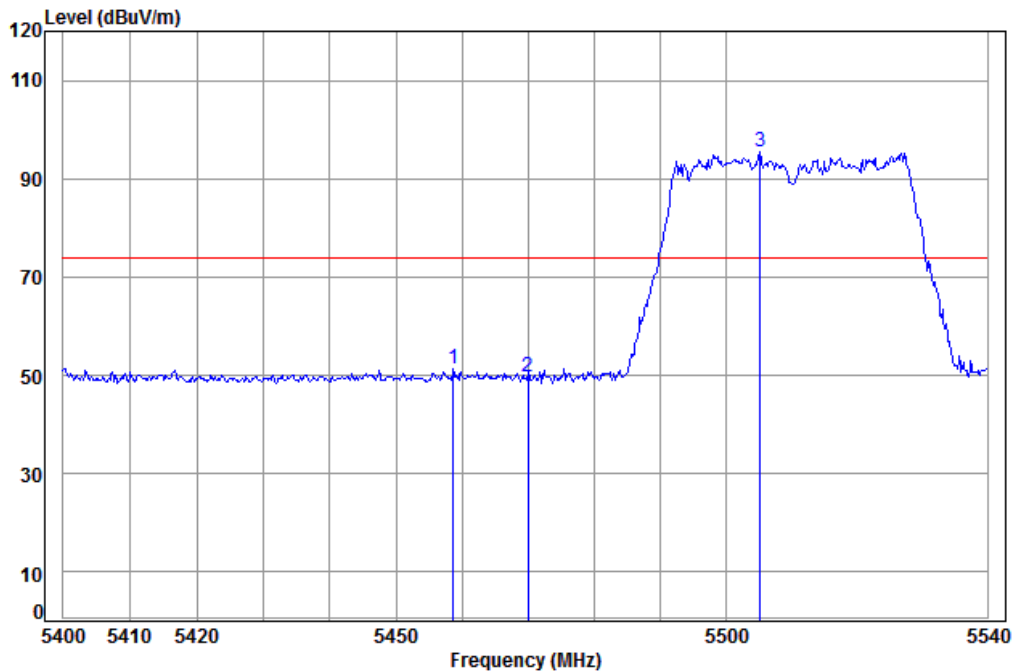
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Test mode:	802.11 n40	Frequency(MHz):	5310	Remark:	Peak	Horizontal
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Condition: 3m HORIZONTAL

Job No: : 3843CR

Mode: : 5510 Band edge

: N40

		Cable	Ant	Preamp	Read		Limit	Over
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5458.643	8.23	34.37	38.87	47.74	51.47	74.00	-22.53
2	5470.000	8.24	34.36	38.87	46.11	49.84	74.00	-24.16
3 pp	5505.227	8.26	34.35	38.88	91.65	95.38	74.00	21.38

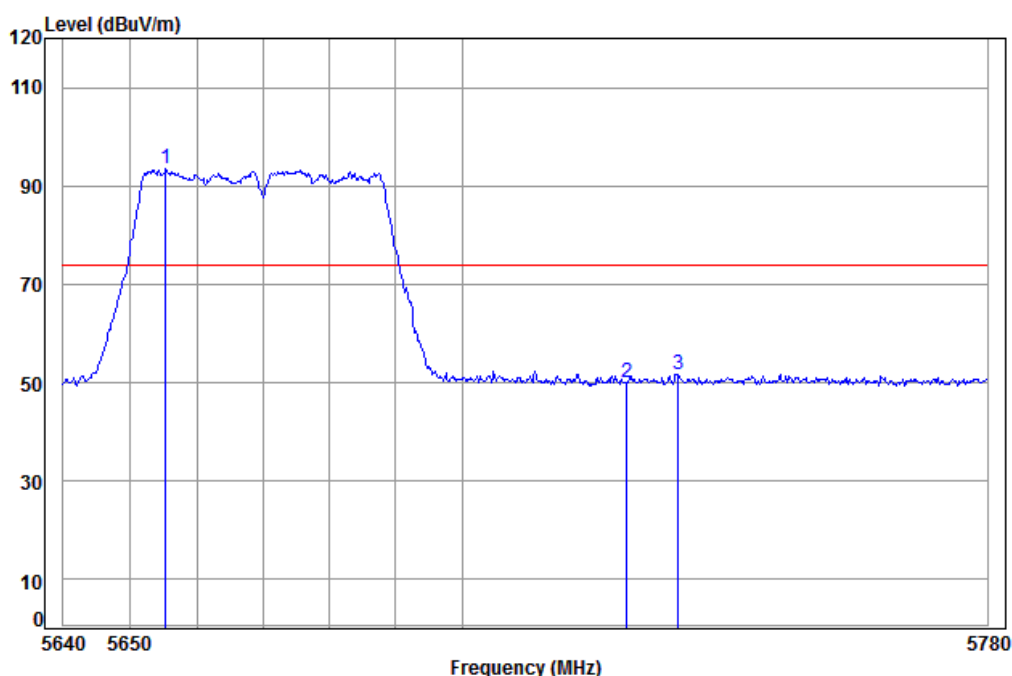
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Test mode:	802.11 n40	Frequency(MHz):	5670	Remark:	Peak	Vertical
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Condition: 3m VERTICAL

Job No: : 3843CR

Mode: : 5670 Band edge
: N40

		Cable	Ant	Preamp	Read	Limit	Over
	Freq	Loss	Factor	Factor	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	5655.371	8.41	34.27	38.90	89.64	93.42	74.00 19.42
2	5725.000	8.48	34.24	38.92	46.31	50.11	74.00 -23.89
3	5732.858	8.49	34.23	38.92	47.88	51.68	74.00 -22.32

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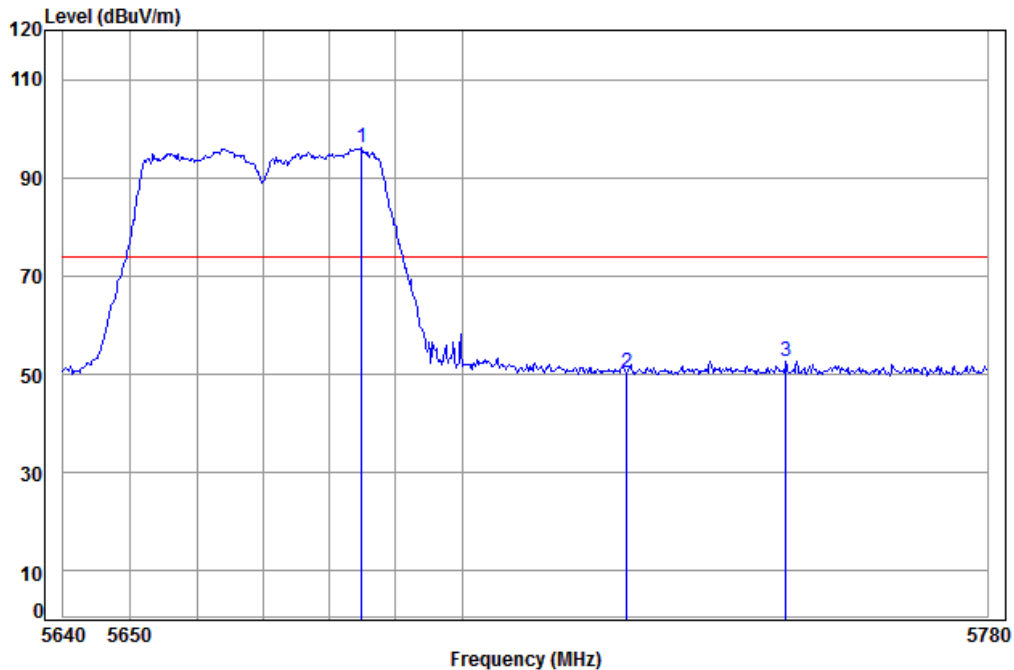
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Test mode:	802.11 n40	Frequency(MHz):	5670	Remark:	Peak	Horizontal
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Condition: 3m HORIZONTAL
Job No: : 3843CR
Mode: : 5670 Band edge
: N40

		Cable	Ant	Preamp	Read		Limit	Over
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5684.845	8.44	34.26	38.91	92.23	96.02	74.00	22.02
2	5725.000	8.48	34.24	38.92	46.54	50.34	74.00	-23.66
3	5749.187	8.50	34.23	38.92	48.94	52.75	74.00	-21.25

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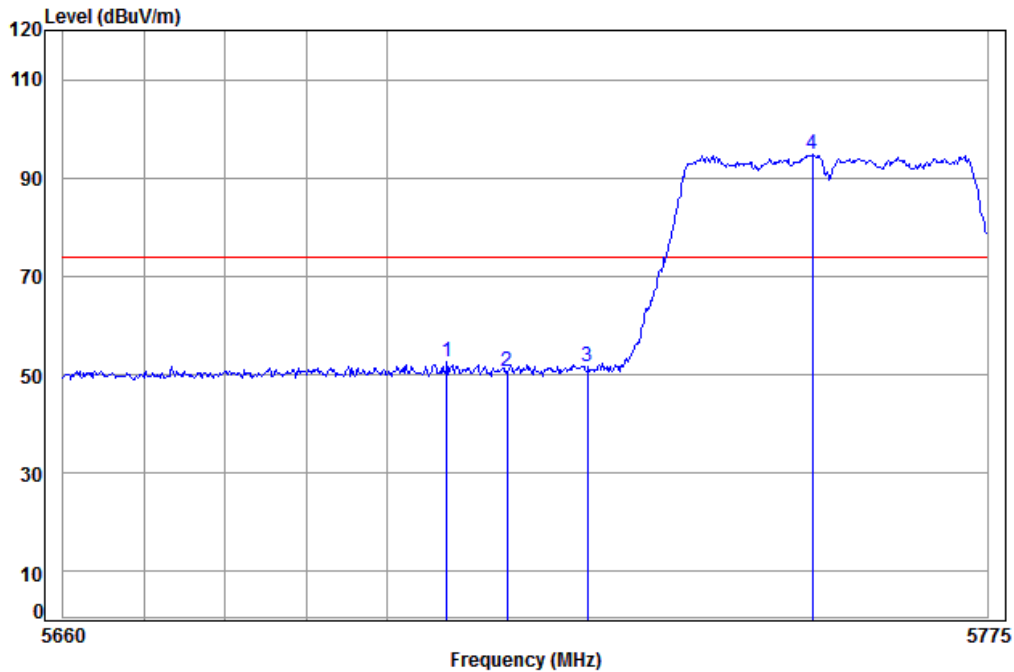
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Test mode:	802.11 n40	Frequency(MHz):	5755	Remark:	Peak	Vertical
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Condition: 3m Vertical

Job No: : 3843CR

Mode: : 5755 Band edge
: N40

	Freq	Cable Loss	Ant Factor	Preamplifier Factor	Read Level	Level	Limit Line	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5707.444	8.46	34.25	38.91	48.75	52.55	74.00	-21.45
2	5715.000	8.47	34.24	38.91	46.85	50.65	74.00	-23.35
3	5725.000	8.48	34.24	38.92	47.78	51.58	74.00	-22.42
4 pp	5753.087	8.51	34.22	38.92	90.90	94.71	74.00	20.71

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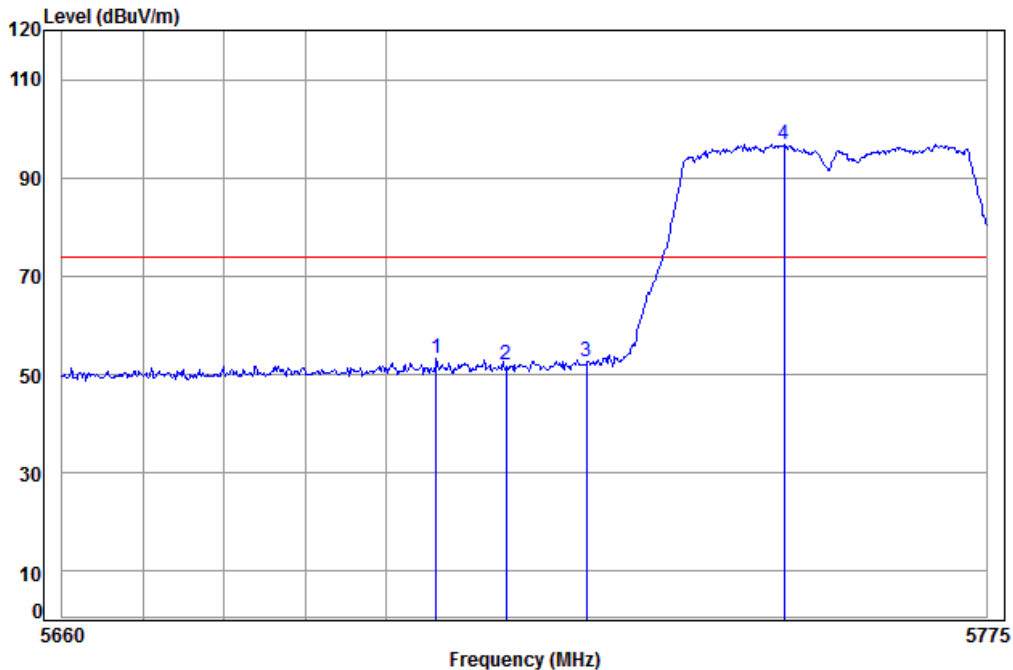
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Test mode:	802.11 n40	Frequency(MHz):	5755	Remark:	Peak	Horizontal
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Condition: 3m Horizontal
Job No: : 3843CR
Mode: : 5755 Band edge
: N40

		Cable	Ant	Preamp	Read		Limit	Over
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5706.296	8.46	34.25	38.91	49.48	53.28	74.00	-20.72
2	5715.000	8.47	34.24	38.91	48.18	51.98	74.00	-22.02
3	5725.000	8.48	34.24	38.92	48.93	52.73	74.00	-21.27
4 pp	5749.617	8.51	34.22	38.92	92.96	96.77	74.00	22.77

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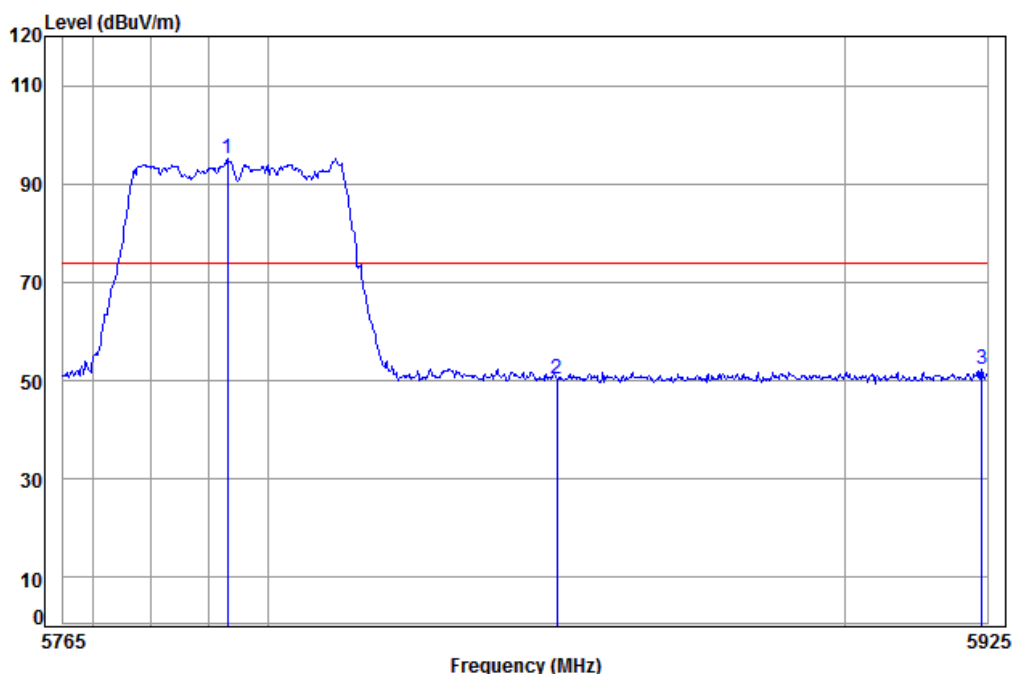


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Test mode:	802.11 n40	Frequency(MHz):	5795	Remark:	Peak	Vertical
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Condition: 3m Vertical

Job No: : 3843CR

Mode: : 5795 Band edge
: N40

		Cable	Ant	Preamp	Read	Limit	Over
	Freq	Loss	Factor	Factor	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	5793.161	8.55	34.20	38.93	91.30	95.12	74.00 21.12
2	5850.000	8.60	34.33	38.94	46.47	50.46	74.00 -23.54
3	5924.027	8.68	34.51	38.95	48.13	52.37	74.00 -21.63

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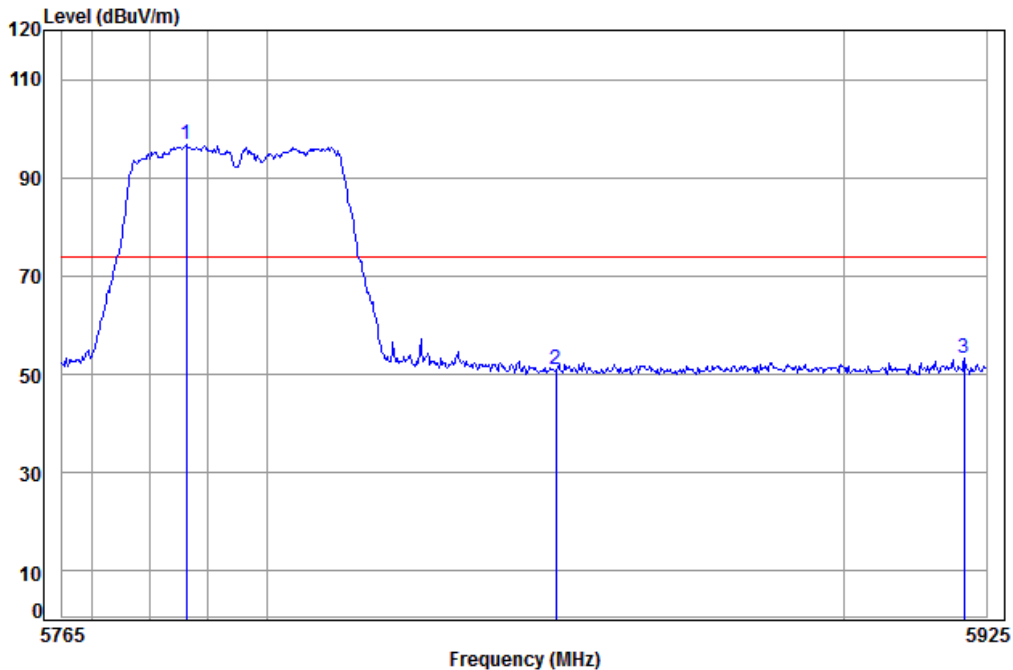
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Test mode:	802.11 n40	Frequency(MHz):	5795	Remark:	Peak	Horizontal
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Condition: 3m Horizontal
Job No: : 3843CR
Mode: : 5795 Band edge
: N40

		Cable	Ant	Preamp	Read		Limit	Over
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5786.187	8.54	34.21	38.93	92.93	96.75	74.00	22.75
2	5850.000	8.60	34.33	38.94	46.94	50.93	74.00	-23.07
3	5921.108	8.67	34.50	38.95	49.00	53.22	74.00	-20.78

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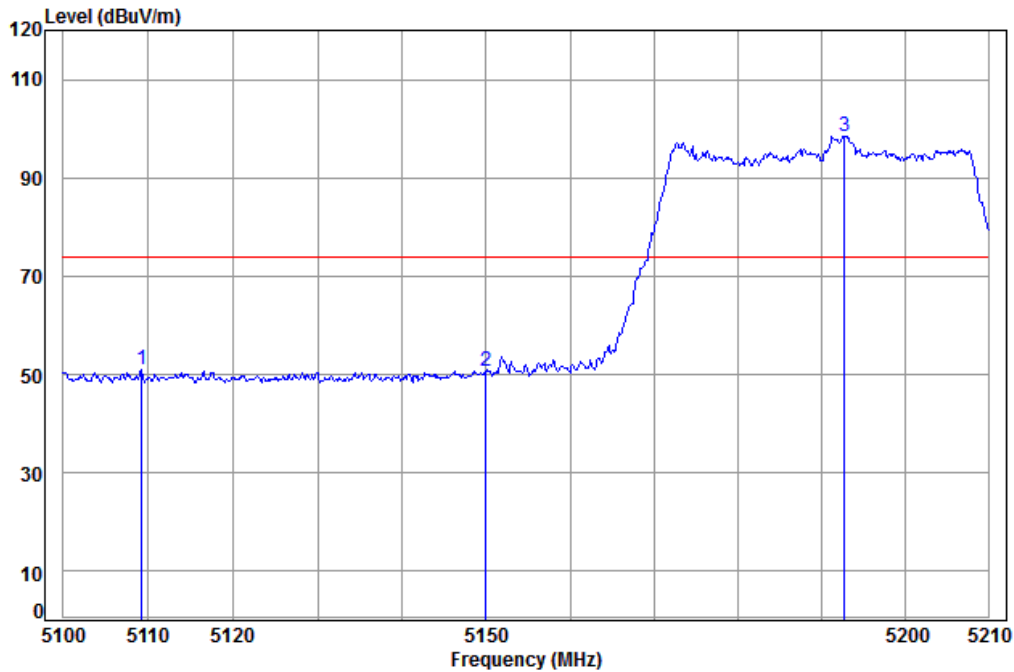
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Test mode:	802.11 ac40	Frequency(MHz):	5190	Remark:	Peak	Vertical
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Condition: 3m VERTICAL

Job No: : 3843CR

Mode: : 5190 Band edge
: AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5109.259	8.06	34.13	38.81	47.73	51.11	74.00	-22.89
2	5150.000	8.08	34.07	38.82	47.39	50.72	74.00	-23.28
3 pp	5192.796	8.10	34.01	38.83	95.20	98.48	74.00	24.48

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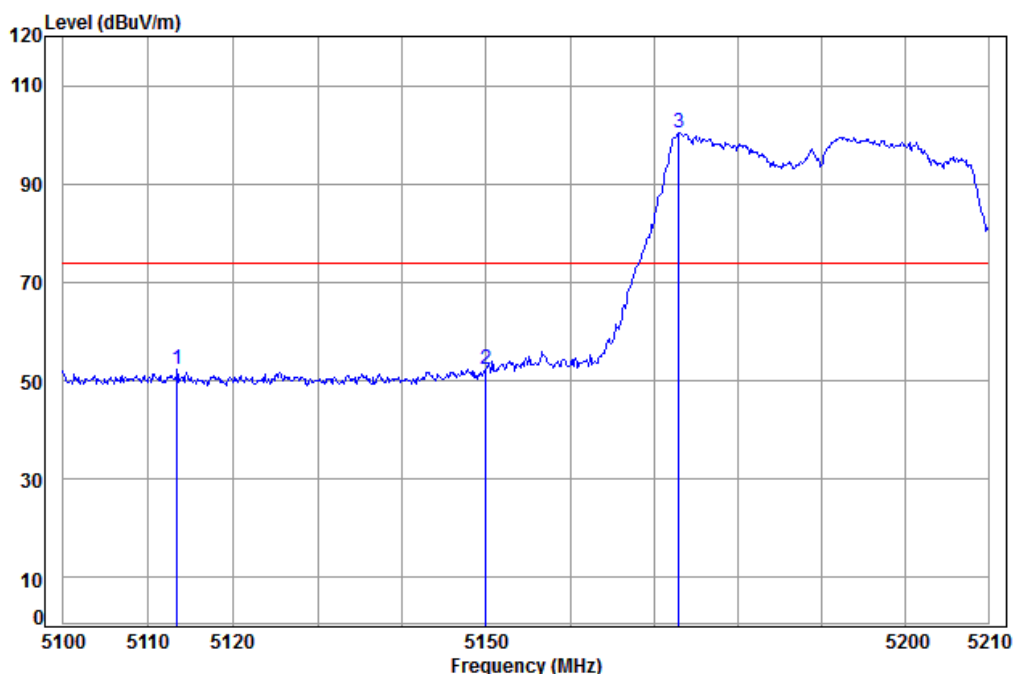


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Test mode:	802.11 ac40	Frequency(MHz):	5190	Remark:	Peak	Horizontal
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Condition: 3m HORIZONTAL

Job No: : 3843CR

Mode: : 5190 Band edge
: AC40

		Cable	Ant	Preamp	Read	Limit	Over
	Freq	Loss	Factor	Factor	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5113.404	8.06	34.13	38.81	48.93	52.31	74.00 -21.69
2	5150.000	8.08	34.07	38.82	49.15	52.48	74.00 -21.52
3 pp	5172.999	8.09	34.04	38.82	97.04	100.35	74.00 26.35

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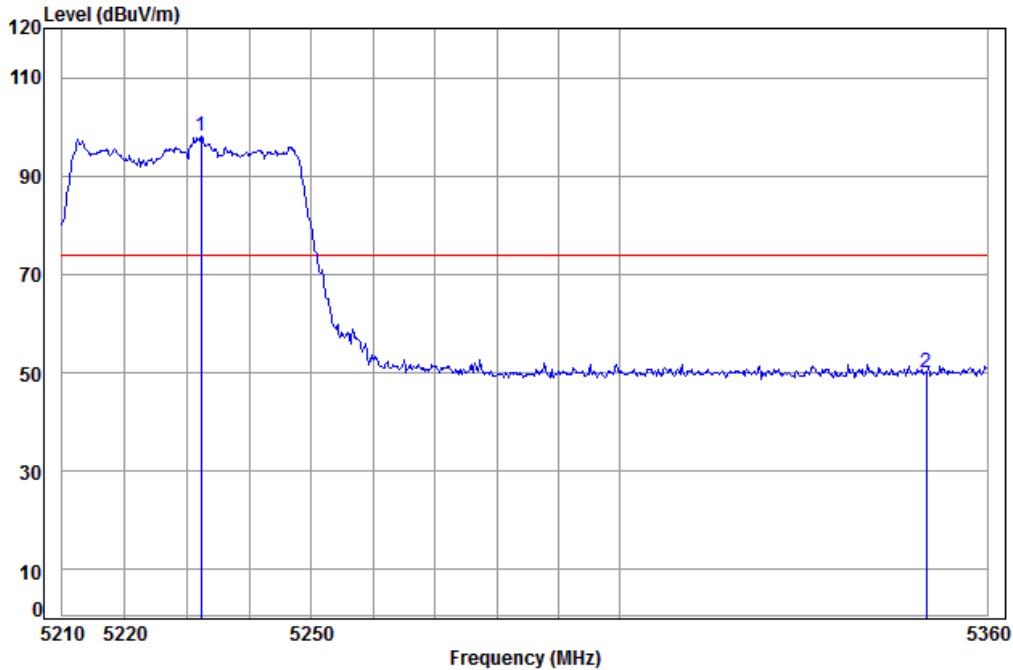
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Test mode:	802.11 ac40	Frequency(MHz):	5230	Remark:	Peak	Vertical
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Condition: 3m VERTICAL

Job No: : 3843CR

Mode: : 5230 Band edge
: AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5232.229	8.12	34.07	38.83	94.66	98.02	74.00	24.02
2	5350.000	8.18	34.30	38.85	46.50	50.13	74.00	-23.87

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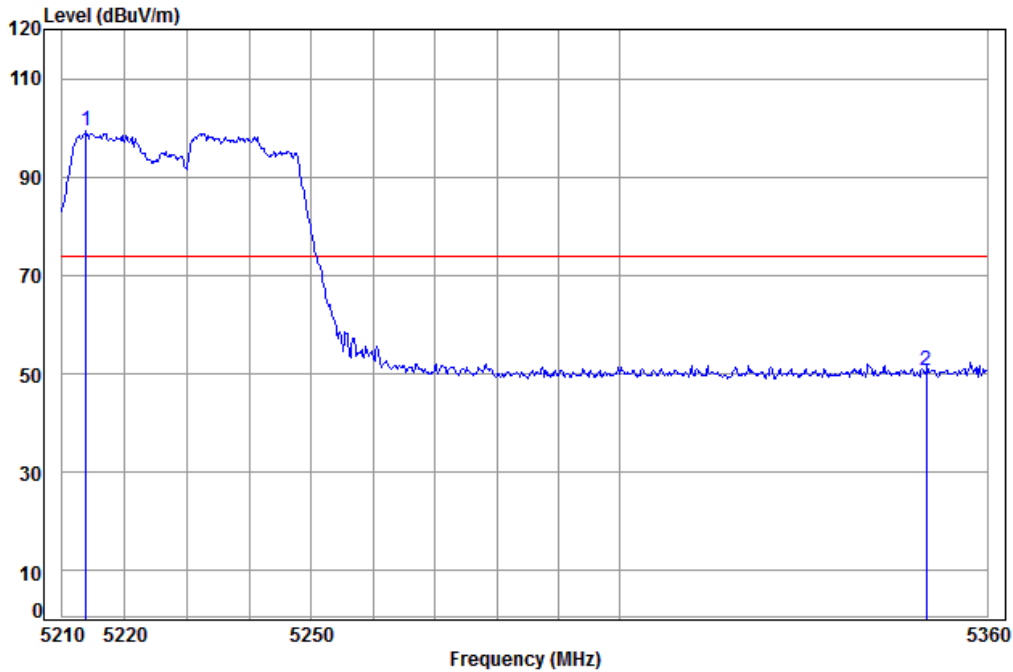
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Test mode:	802.11 ac40	Frequency(MHz):	5230	Remark:	Peak	Horizontal
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Condition: 3m HORIZONTAL

Job No: : 3843CR

Mode: : 5230 Band edge

: AC40

		Cable	Ant	Preamp	Read	Limit	Over
	Freq	Loss	Factor	Factor	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	5213.846	8.11	34.03	38.83	96.24	99.55	74.00 25.55
2	5350.000	8.18	34.30	38.85	47.17	50.80	74.00 -23.20

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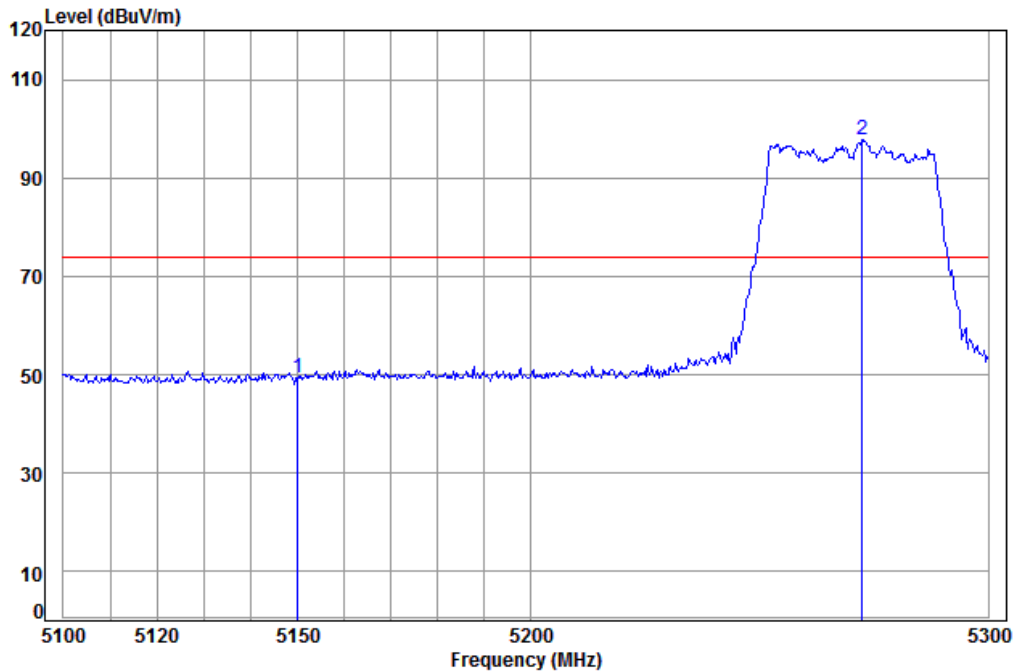
SGS-CSTC Standards Technical Services Ltd. Shenzhen Branch



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Test mode:	802.11 ac40	Frequency(MHz):	5270	Remark:	Peak	Vertical
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Condition: 3m VERTICAL

Job No: : 3843CR

Mode: : 5270 Band edge
: AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5150.000	8.08	34.07	38.82	46.13	49.46	74.00	-24.54
2	5272.346	8.14	34.15	38.84	94.17	97.62	74.00	23.62

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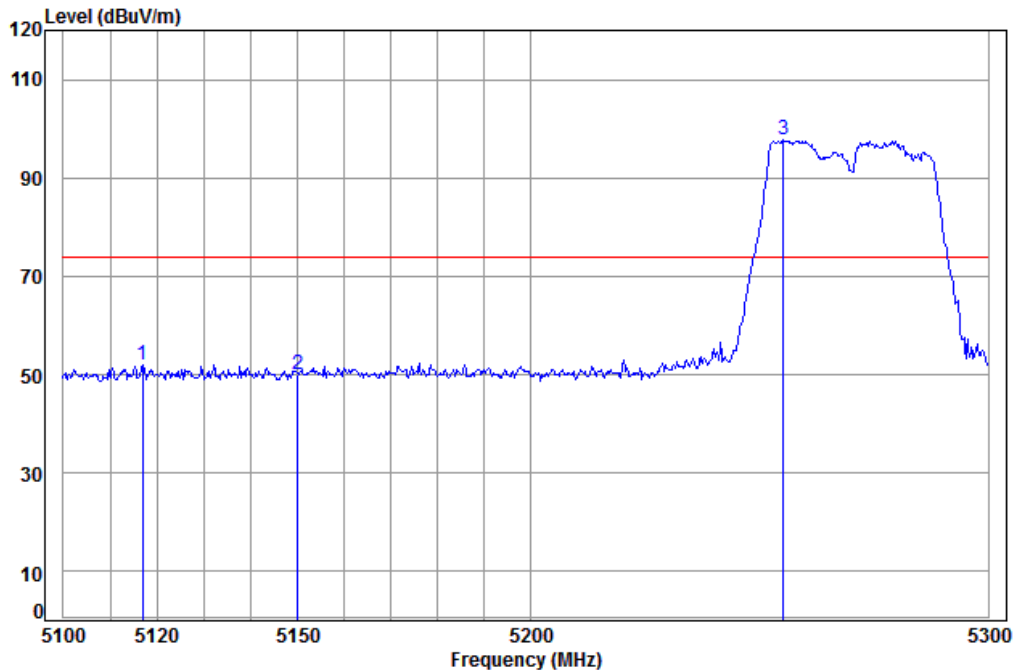
SGS-CSTC Standards Technical Services Ltd. Shenzhen Branch



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Test mode:	802.11 ac40	Frequency(MHz):	5270	Remark:	Peak	Horizontal
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Condition: 3m HORIZONTAL

Job No: : 3843CR

Mode: : 5270 Band edge

: AC40

		Cable	Ant	Preamplifier	Read	Limit	Over
	Freq	Loss	Factor	Factor	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5116.899	8.06	34.12	38.81	48.68	52.05	74.00 -21.95
2	5150.000	8.08	34.07	38.82	46.63	49.96	74.00 -24.04
3 pp	5255.135	8.13	34.11	38.84	94.45	97.85	74.00 23.85

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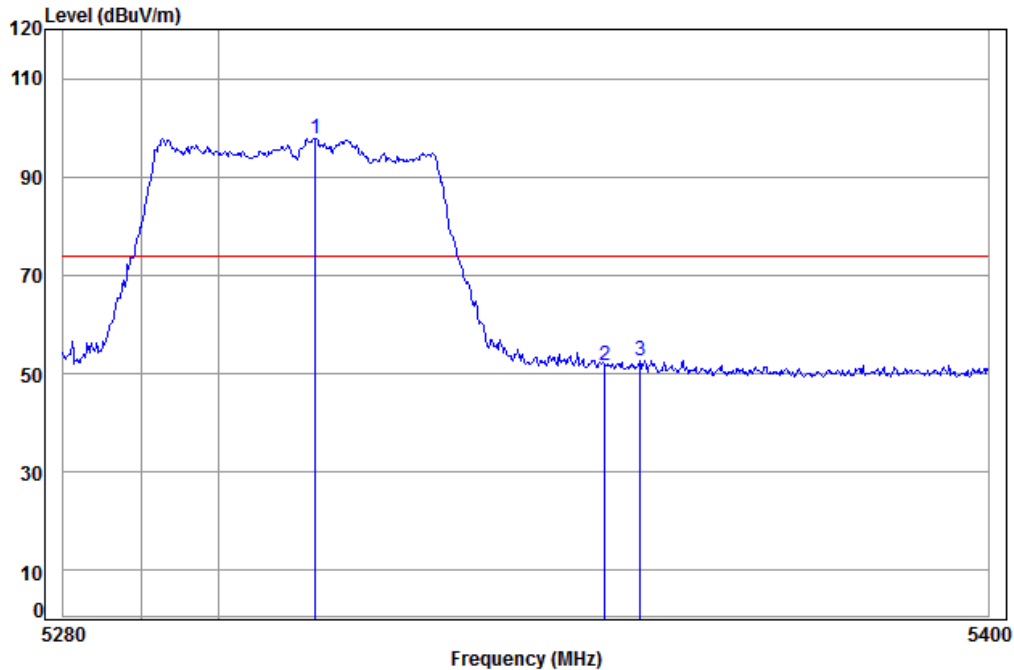
SGS-CSTC Standards Technical Services Ltd. Shenzhen Branch



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Test mode:	802.11 ac40	Frequency(MHz):	5310	Remark:	Peak	Vertical
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Condition: 3m VERTICAL

Job No: : 3843CR

Mode: : 5310 Band edge

: AC40

		Cable	Ant	Preamp	Read		Limit	Over
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5312.493	8.16	34.23	38.85	94.35	97.89	74.00	23.89
2	5350.000	8.18	34.30	38.85	47.88	51.51	74.00	-22.49
3	5354.563	8.18	34.31	38.85	49.11	52.75	74.00	-21.25

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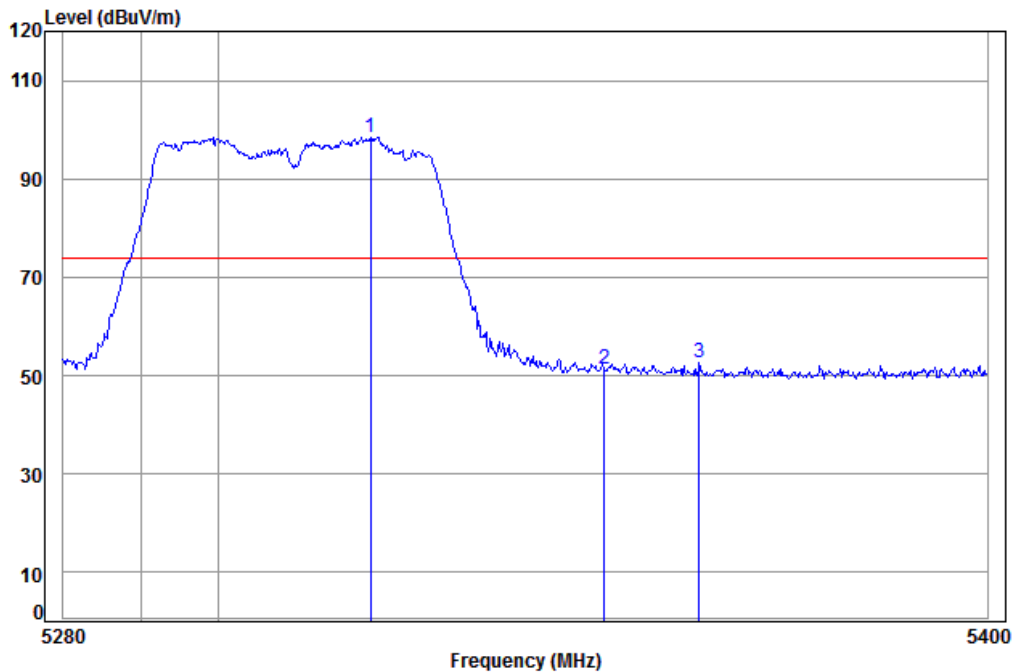
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Test mode:	802.11 ac40	Frequency(MHz):	5310	Remark:	Peak	Horizontal
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Condition: 3m HORIZONTAL

Job No: : 3843CR

Mode: : 5310 Band edge

: AC40

		Cable	Ant	Preamp	Read	Limit	Over
	Freq	Loss	Factor	Factor	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	5319.661	8.16	34.24	38.85	95.00	98.55	74.00 24.55
2	5350.000	8.18	34.30	38.85	47.56	51.19	74.00 -22.81
3	5362.270	8.18	34.33	38.86	48.95	52.60	74.00 -21.40

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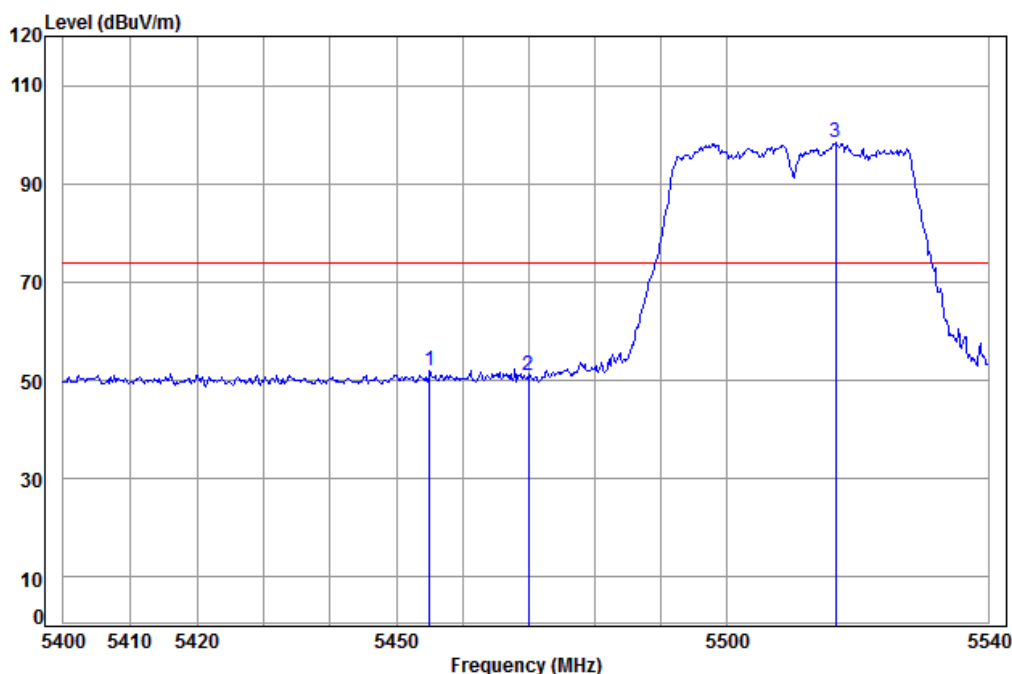


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Test mode:	802.11 ac40	Frequency(MHz):	5510	Remark:	Peak	Vertical
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Condition: 3m VERTICAL

Job No: : 3843CR

Mode: : 5510 Band edge

: AC40

		Cable	Ant	Preamp	Read	Limit	Over
	Freq	Loss	Factor	Factor	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5455.012	8.23	34.37	38.87	48.26	51.99	74.00 -22.01
2	5470.000	8.24	34.36	38.87	47.33	51.06	74.00 -22.94
3 pp	5516.652	8.27	34.34	38.88	94.80	98.53	74.00 24.53

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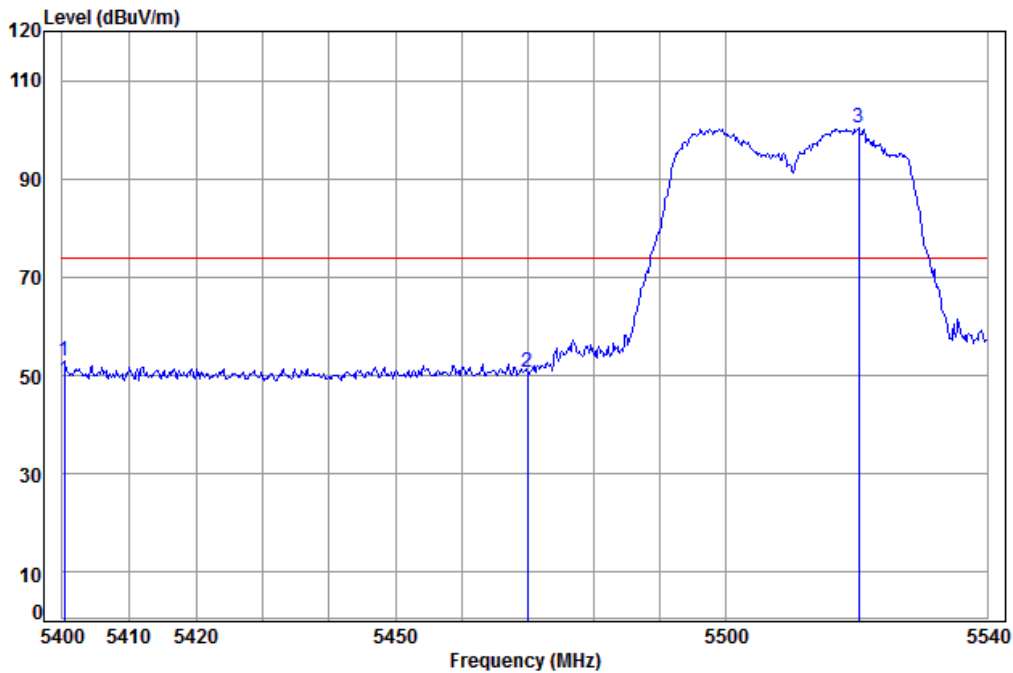
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Test mode:	802.11 ac40	Frequency(MHz):	5310	Remark:	Peak	Horizontal
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Condition: 3m HORIZONTAL

Job No: : 3843CR

Mode: : 5510 Band edge

: AC40

		Cable	Ant	Preamp	Read		Limit	Over
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5400.276	8.20	34.40	38.86	49.15	52.89	74.00	-21.11
2	5470.000	8.24	34.36	38.87	46.93	50.66	74.00	-23.34
3 pp	5520.325	8.27	34.34	38.88	96.59	100.32	74.00	26.32

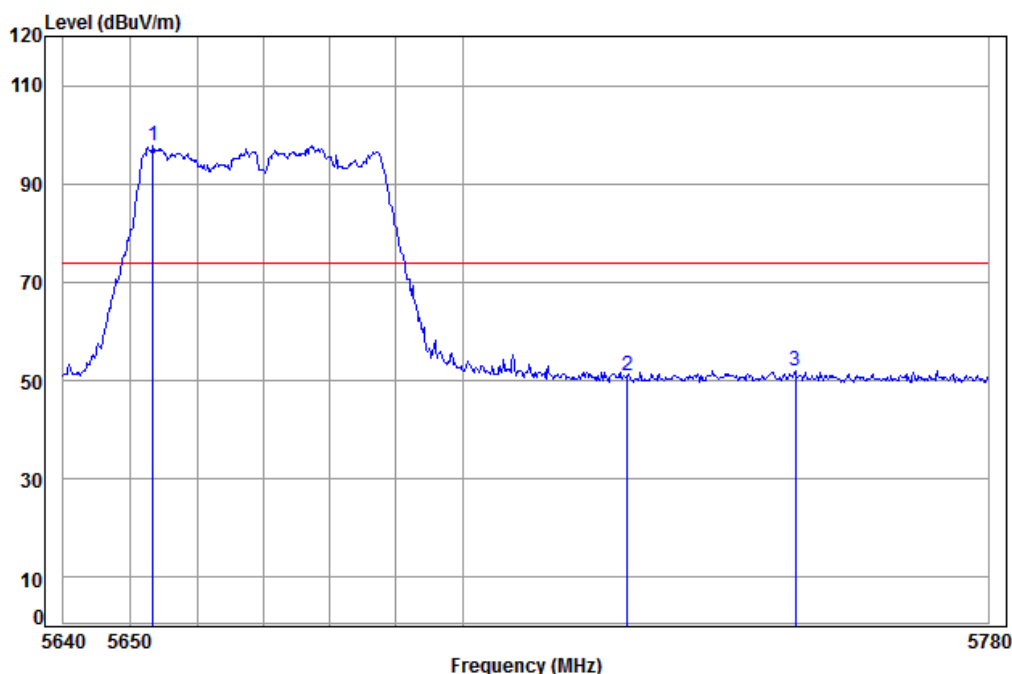
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Test mode:	802.11 ac40	Frequency(MHz):	5670	Remark:	Peak	Vertical
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Condition: 3m VERTICAL
Job No: : 3843CR
Mode: : 5670 Band edge
: AC40

		Cable	Ant	Preamp	Read	Limit	Over
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp 5653.430	8.41	34.27	38.90	94.14	97.92	74.00	23.92
2 5725.000	8.48	34.24	38.92	47.16	50.96	74.00	-23.04
3 5750.597	8.51	34.22	38.92	48.15	51.96	74.00	-22.04

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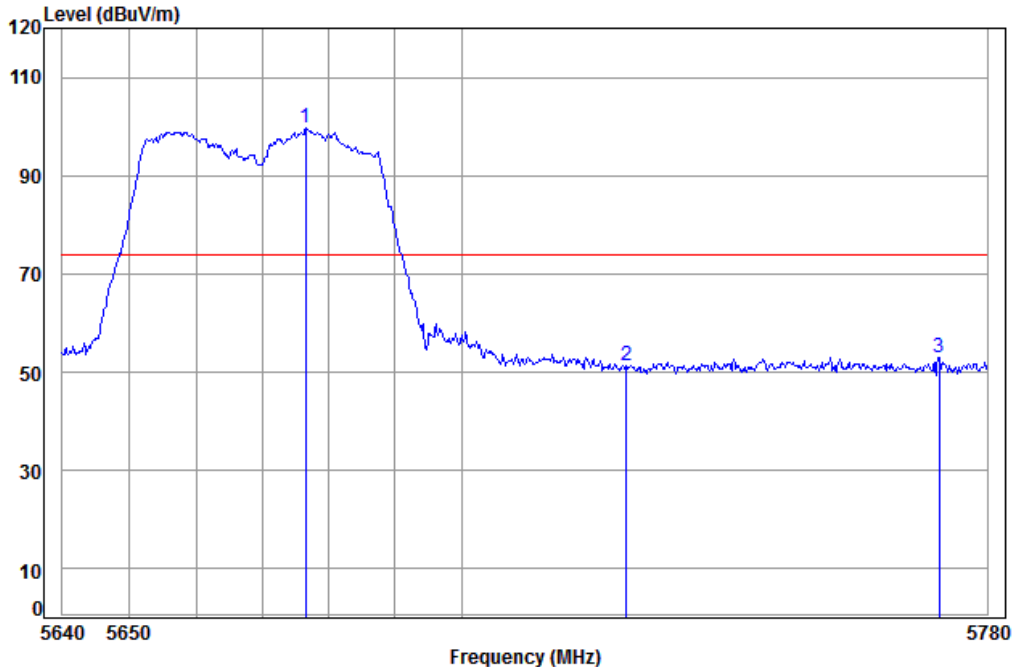
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Test mode:	802.11 ac40	Frequency(MHz):	5670	Remark:	Peak	Horizontal
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Condition: 3m HORIZONTAL

Job No: : 3843CR

Mode: : 5670 Band edge

: AC40

		Cable	Ant	Preamp	Read		Limit	Over
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	pp 5676.488	8.43	34.26	38.91	95.83	99.61	74.00	25.61
2	5725.000	8.48	34.24	38.92	47.47	51.27	74.00	-22.73
3	5772.635	8.53	34.21	38.92	49.16	52.98	74.00	-21.02

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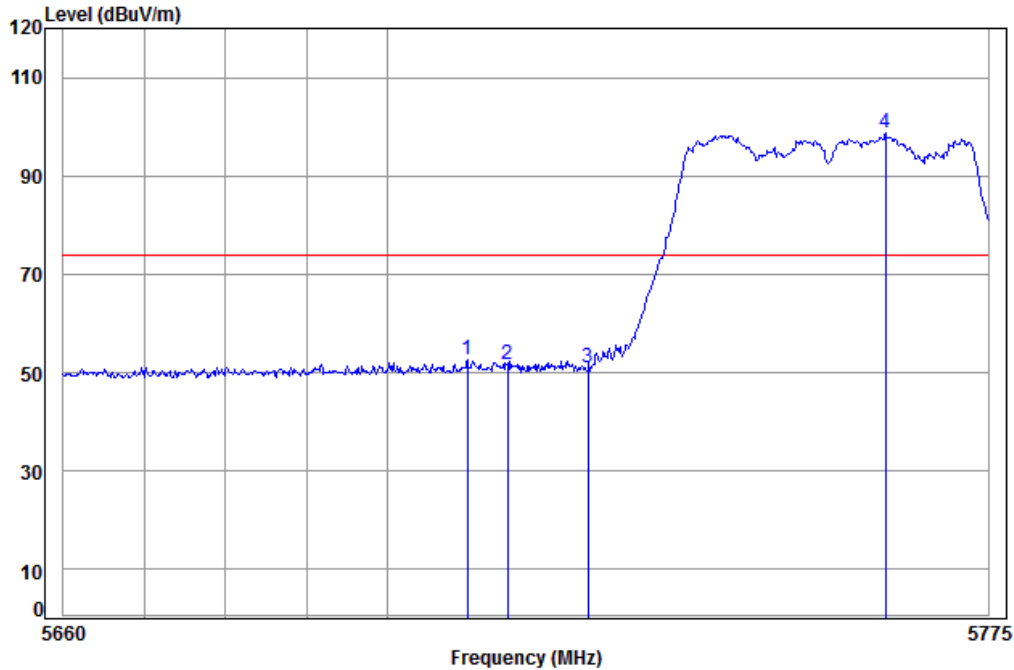
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Test mode:	802.11 ac40	Frequency(MHz):	5755	Remark:	Peak	Vertical
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Condition: 3m VERTICAL

Job No: : 3843CR

Mode: : 5755 Band edge

: AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5709.971	8.47	34.24	38.91	48.78	52.58	74.00	-21.42
2	5715.000	8.47	34.24	38.91	47.91	51.71	74.00	-22.29
3	5725.000	8.48	34.24	38.92	47.33	51.13	74.00	-22.87
4 pp	5762.121	8.52	34.22	38.92	94.98	98.80	74.00	24.80

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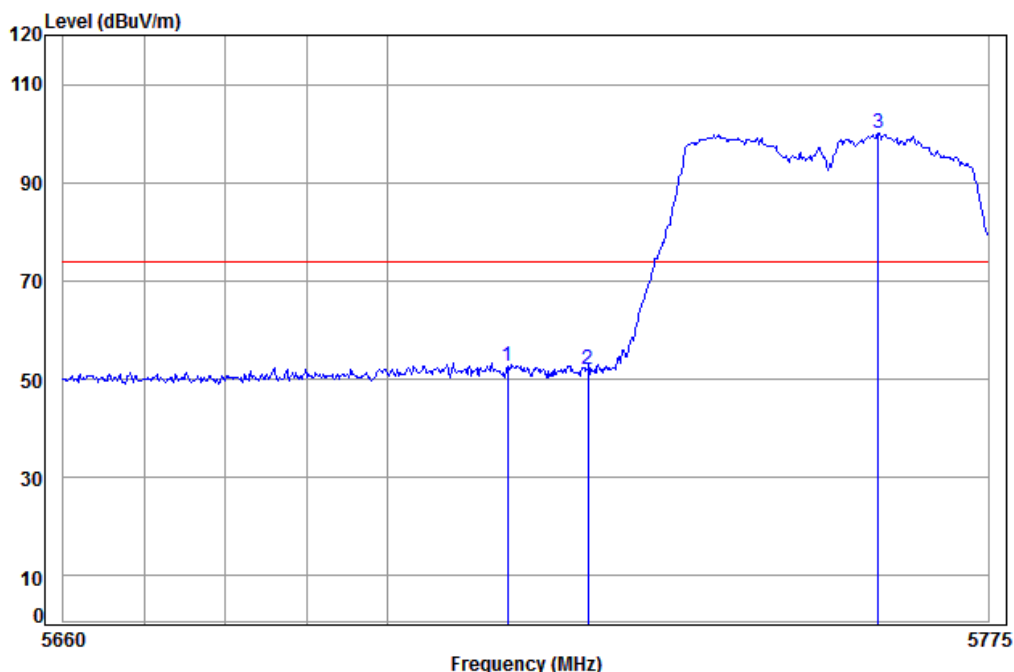


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Test mode:	802.11 ac40	Frequency(MHz):	5755	Remark:	Peak	Horizontal
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Condition: 3m HORIZONTAL

Job No: : 3843CR

Mode: : 5755 Band edge

: AC40

		Cable	Ant	Preamp	Read	Limit	Over
	Freq	Loss	Factor	Factor	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5715.000	8.47	34.24	38.91	48.81	52.61	74.00 -21.39
2	5725.000	8.48	34.24	38.92	48.34	52.14	74.00 -21.86
3 pp	5761.193	8.52	34.22	38.92	96.13	99.95	74.00 25.95

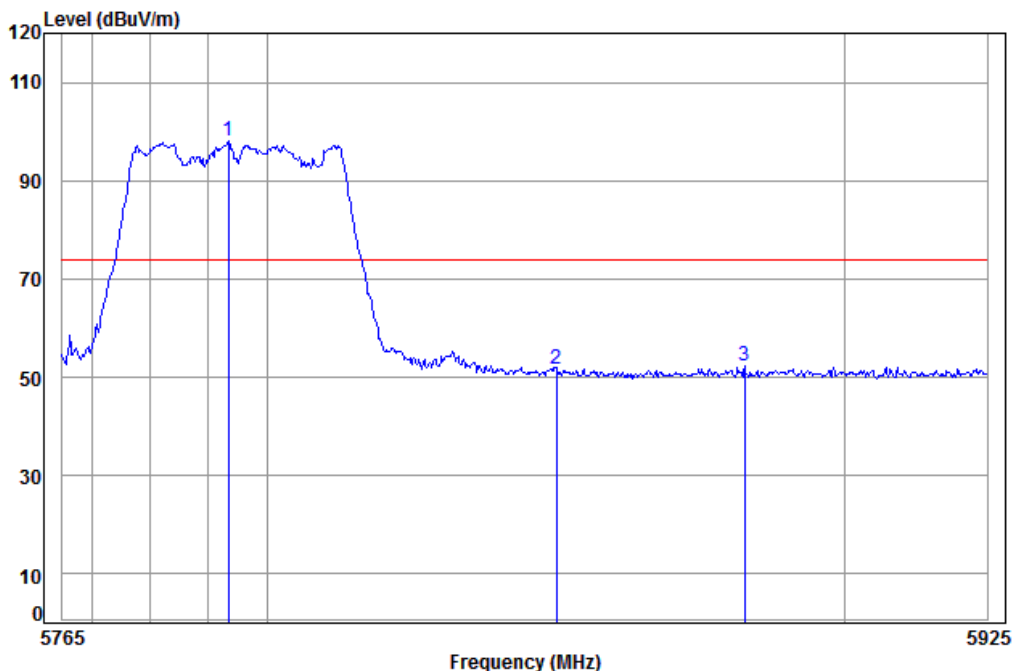
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Test mode:	802.11 ac40	Frequency(MHz):	5795	Remark:	Peak	Vertical
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Condition: 3m VERTICAL

Job No: : 3843CR

Mode: : 5795 Band edge

: AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	5793.478	8.55	34.20	38.93	94.13	74.00	23.95
2	5850.000	8.60	34.33	38.94	47.52	74.00	-22.49
3	5882.656	8.64	34.41	38.94	48.11	74.00	-21.78

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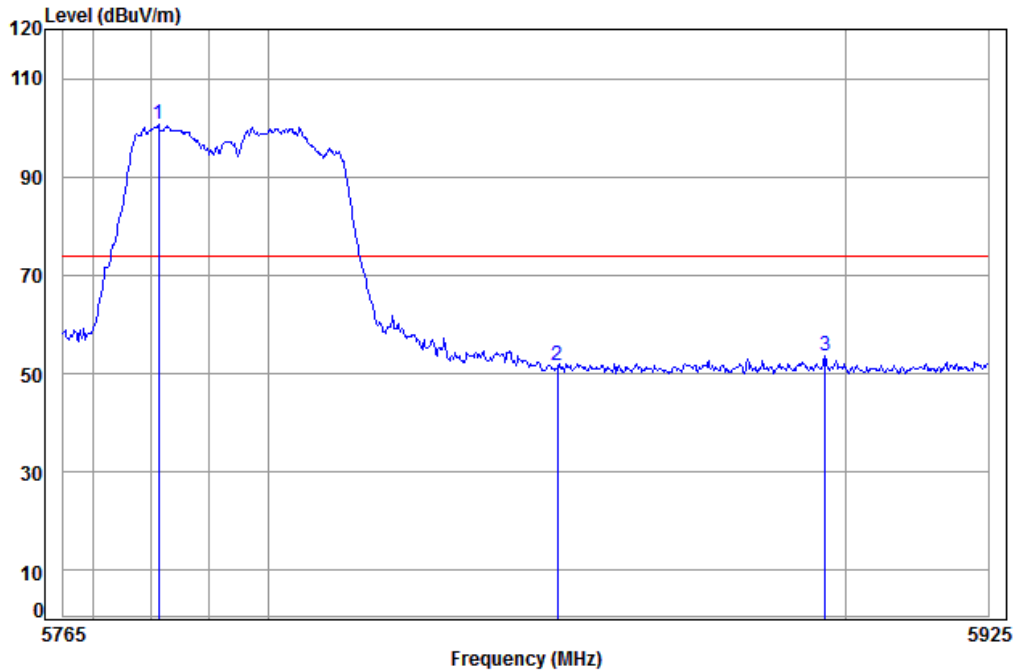
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Test mode:	802.11 ac40	Frequency(MHz):	5795	Remark:	Peak	Horizontal
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Condition: 3m HORIZONTAL

Job No: : 3843CR

Mode: : 5795 Band edge

: AC40

		Cable	Ant	Preamp	Read	Limit	Over
	Freq	Loss	Factor	Factor	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	pp 5781.278	8.54	34.21	38.93	96.77	100.59	74.00 26.59
2	5850.000	8.60	34.33	38.94	47.84	51.83	74.00 -22.17
3	5896.521	8.65	34.44	38.94	49.33	53.48	74.00 -20.52

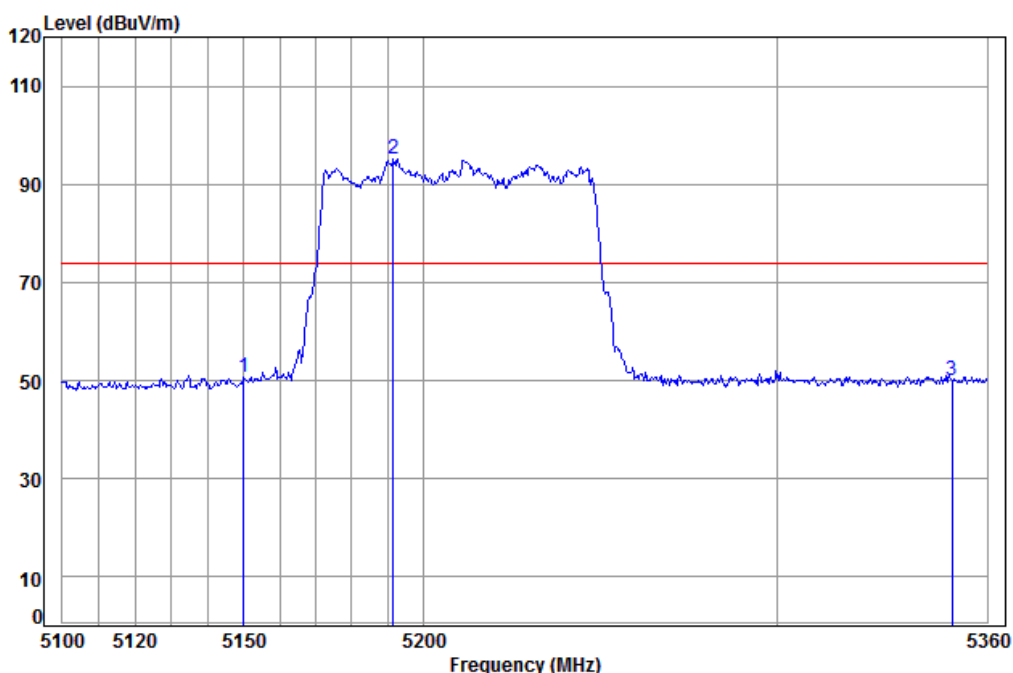
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Test mode:	802.11 ac80	Frequency(MHz):	5210	Remark:	Peak	Vertical
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Condition: 3m VERTICAL

Job No: : 3843CR

Mode: : 5210 Band edge
: AC80

		Cable	Ant	Preamp	Read		Limit	Over
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5150.000	8.08	34.07	38.82	47.44	50.77	74.00	-23.23
2 pp	5191.598	8.10	34.01	38.83	92.01	95.29	74.00	21.29
3	5350.000	8.18	34.30	38.85	46.40	50.03	74.00	-23.97

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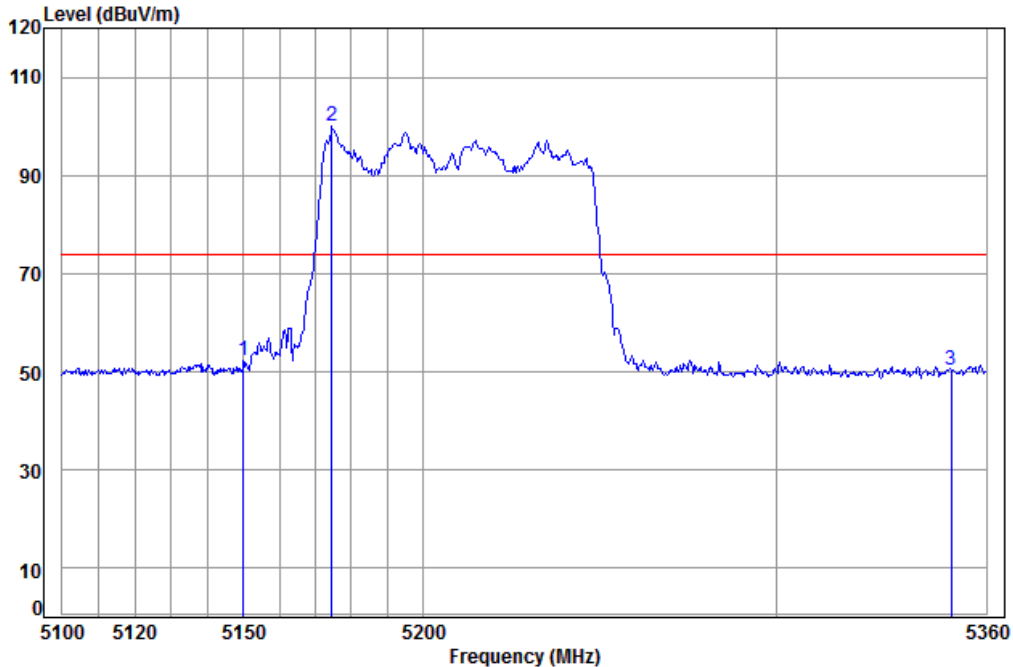
SGS-CSTC Standards Technical Services Ltd. Shenzhen Branch



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Test mode:	802.11 ac80	Frequency(MHz):	5210	Remark:	Peak	Horizontal
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Condition: 3m HORIZONTAL

Job No: : 3843CR

Mode: : 5210 Band edge

: AC80

		Cable	Ant	Preamp	Read		Limit	Over
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5150.000	8.08	34.07	38.82	48.91	52.24	74.00	-21.76
2 pp	5174.588	8.09	34.04	38.82	96.78	100.09	74.00	26.09
3	5350.000	8.18	34.30	38.85	46.71	50.34	74.00	-23.66

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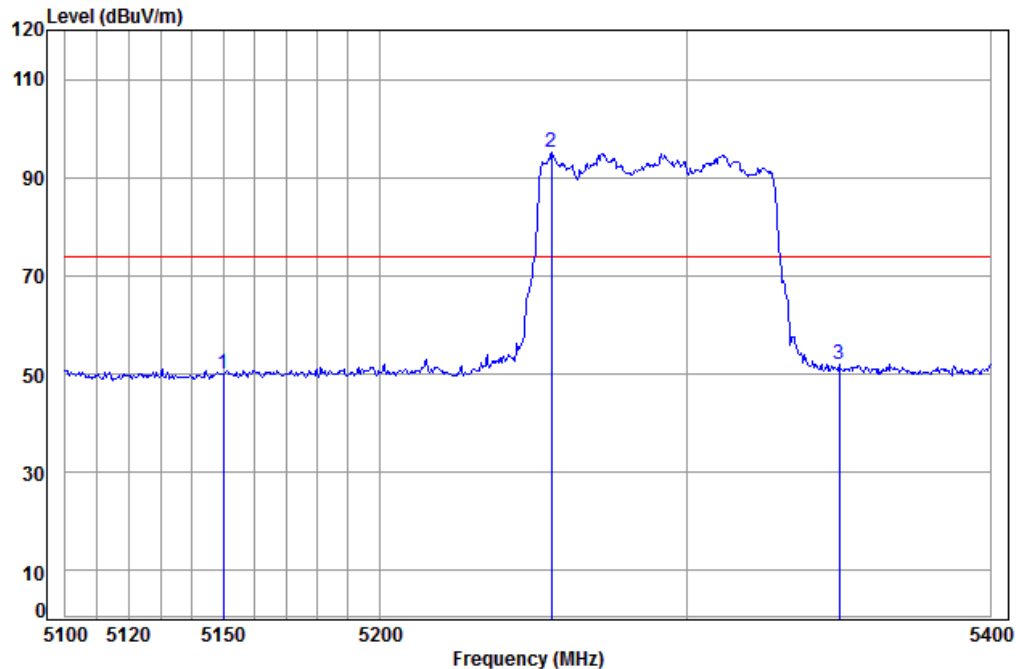


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Test mode:	802.11 ac80	Frequency(MHz):	5290	Remark:	Peak	Vertical
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Condition: 3m VERTICAL

Job No: : 3843CR

Mode: : 5290 Band edge
: AC80

		Cable	Ant	Preamp	Read	Limit	Over
	Freq	Loss	Factor	Factor	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5150.000	8.08	34.07	38.82	46.64	49.97	74.00 -24.03
2 pp	5255.662	8.13	34.11	38.84	91.69	95.09	74.00 21.09
3	5350.000	8.18	34.30	38.85	48.39	52.02	74.00 -21.98

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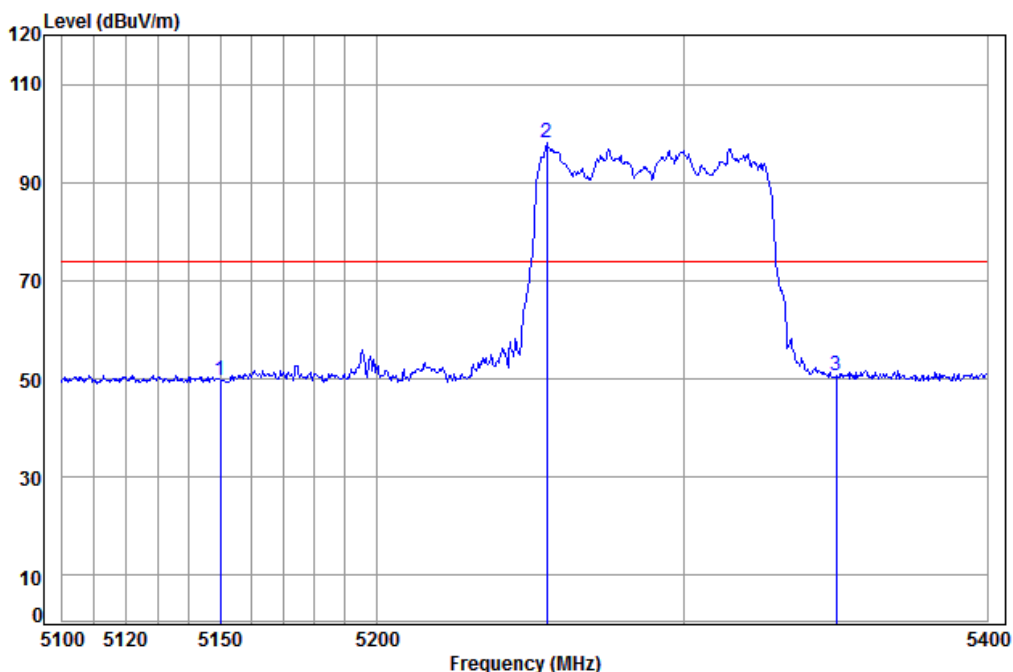


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Test mode:	802.11 ac80	Frequency(MHz):	5290	Remark:	Peak	Horizontal
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Condition: 3m HORIZONTAL

Job No: : 3843CR

Mode: : 5290 Band edge

: AC80

		Cable	Ant	Preamp	Read		Limit	Over
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5150.000	8.08	34.07	38.82	46.43	49.76	74.00	-24.24
2	pp 5255.061	8.13	34.11	38.84	94.70	98.10	74.00	24.10
3	5350.000	8.18	34.30	38.85	47.05	50.68	74.00	-23.32

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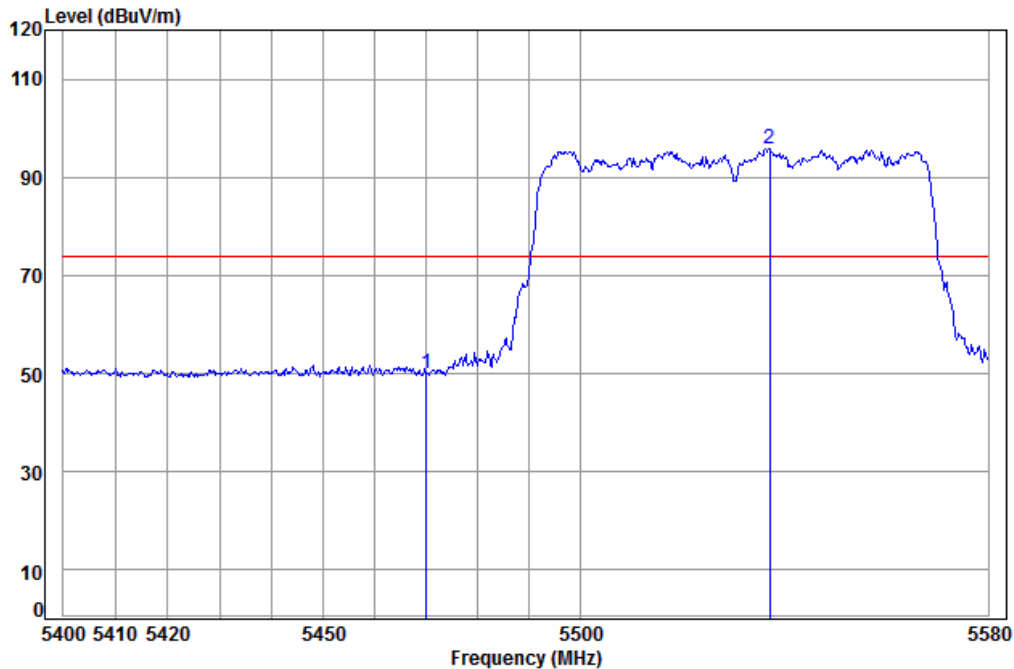
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Test mode:	802.11 ac80	Frequency(MHz):	5530	Remark:	Peak	Vertical
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Condition: 3m VERTICAL

Job No: : 3843CR

Mode: : 5530 Band edge
: AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5470.000	8.24	34.36	38.87	46.28	50.01	74.00	-23.99
2 pp	5536.986	8.29	34.33	38.89	92.02	95.75	74.00	21.75

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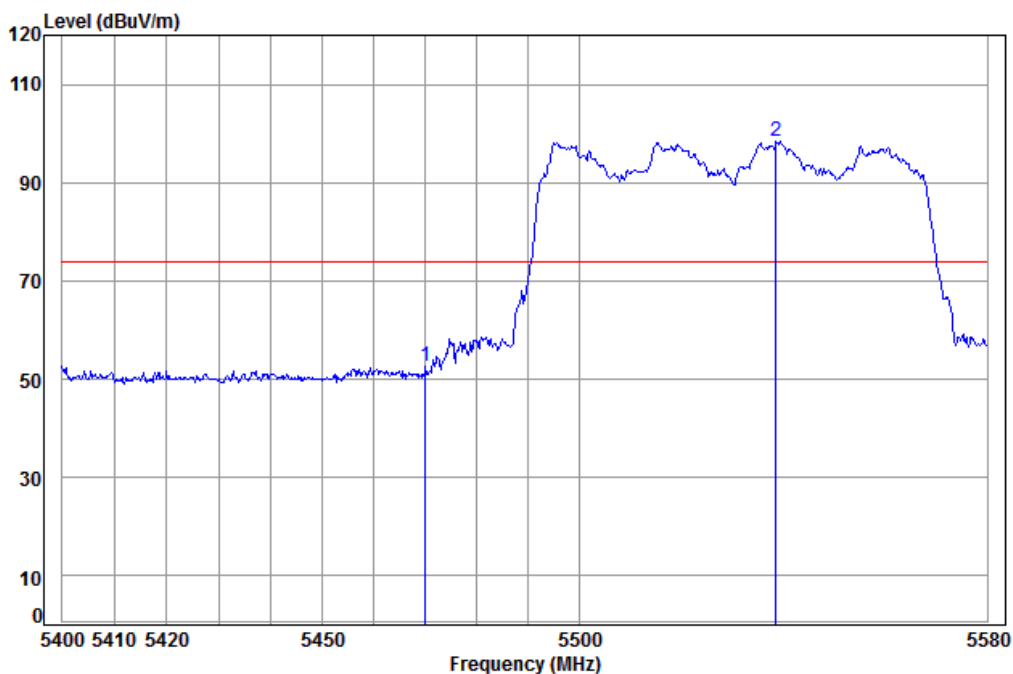


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Test mode:	802.11 ac80	Frequency(MHz):	5530	Remark:	Peak	Horizontal
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Condition: 3m HORIZONTAL

Job No: : 3843CR

Mode: : 5530 Band edge

: AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5470.000	8.24	34.36	38.87	49.07	52.80	74.00	-21.20
2 pp	5538.439	8.29	34.33	38.89	94.75	98.48	74.00	24.48

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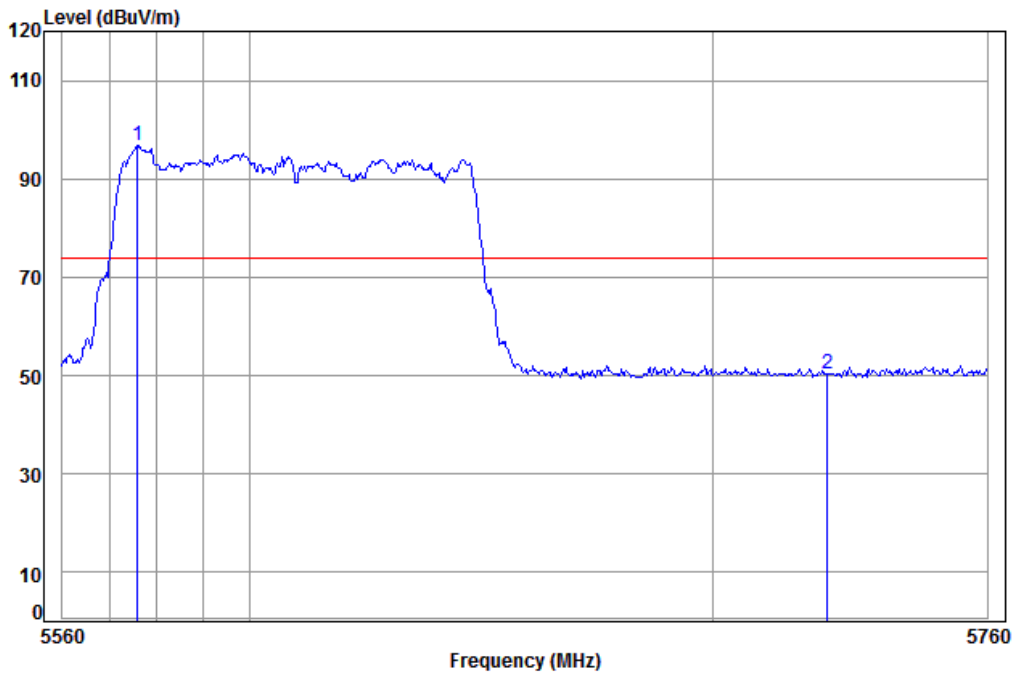
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Test mode:	802.11 ac80	Frequency(MHz):	5610	Remark:	Peak	Vertical
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Condition: 3m VERTICAL

Job No: : 3843CR

Mode: : 5610 Band edge

: AC80

	Freq	Cable Loss	Ant Factor	Preamplifier Factor	Read Level	Level	Limit Line	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5575.938	8.33	34.31	38.89	92.90	96.65	74.00	22.65
2	5725.000	8.48	34.24	38.92	46.46	50.26	74.00	-23.74

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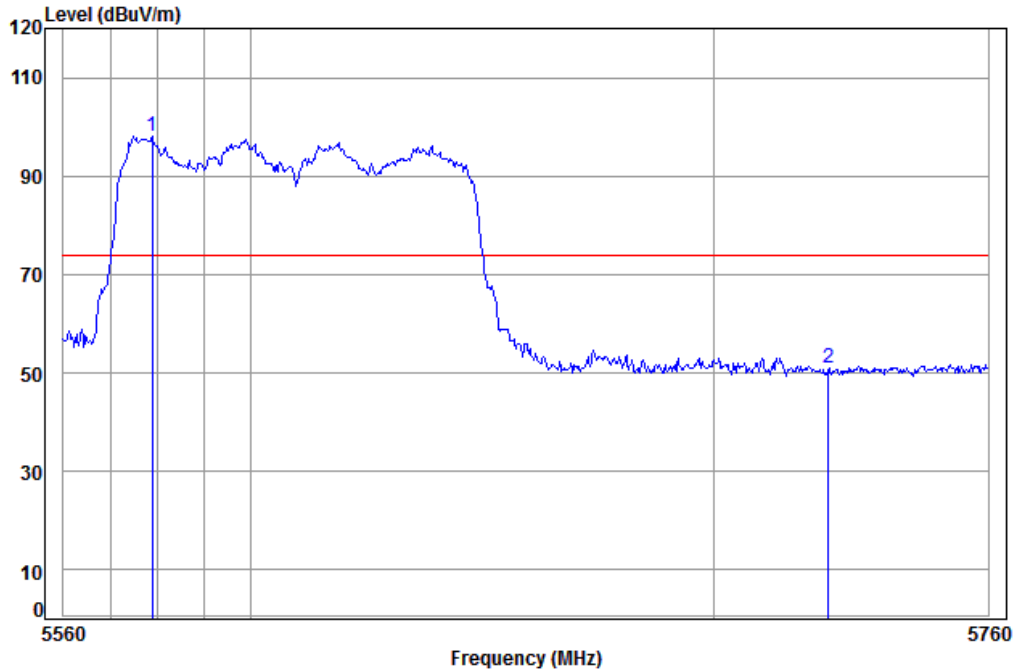
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Test mode:	802.11 ac80	Frequency(MHz):	5610	Remark:	Peak	Horizontal
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Condition: 3m HORIZONTAL

Job No: : 3843CR

Mode: : 5610 Band edge
: AC80

	Freq	Cable Loss	Ant Factor	Preamplifier Factor	Read Level	Level	Limit Line	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5578.895	8.33	34.31	38.89	94.27	98.02	74.00	24.02
2	5725.000	8.48	34.24	38.92	47.22	51.02	74.00	-22.98

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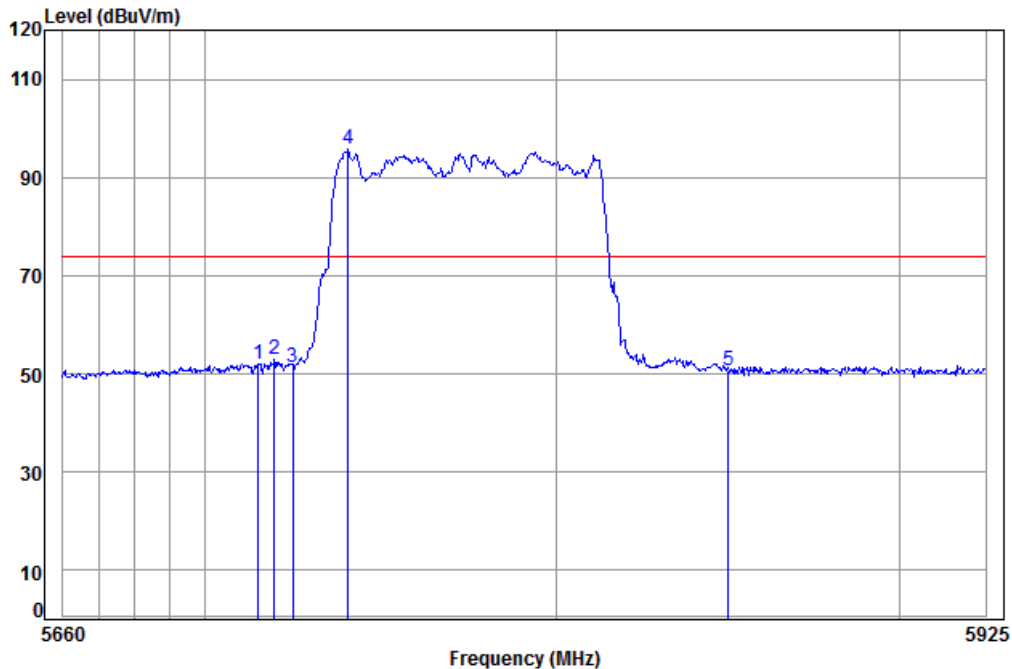
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Test mode:	802.11 ac80	Frequency(MHz):	5775	Remark:	Peak	Vertical
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Condition: 3m VERTICAL

Job No: : 3843CR

Mode: : 5775 Band edge
: AC80

		Cable	Ant	Preamp	Read	Limit	Over
	Freq	Loss	Factor	Factor	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5715.000	8.47	34.24	38.91	48.24	52.04	74.00 -21.96
2	5719.619	8.47	34.24	38.92	49.03	52.82	74.00 -21.18
3	5725.000	8.48	34.24	38.92	47.70	51.50	74.00 -22.50
4	pp 5740.594	8.50	34.23	38.92	92.13	95.94	74.00 21.94
5	5850.000	8.60	34.33	38.94	46.71	50.70	74.00 -23.30

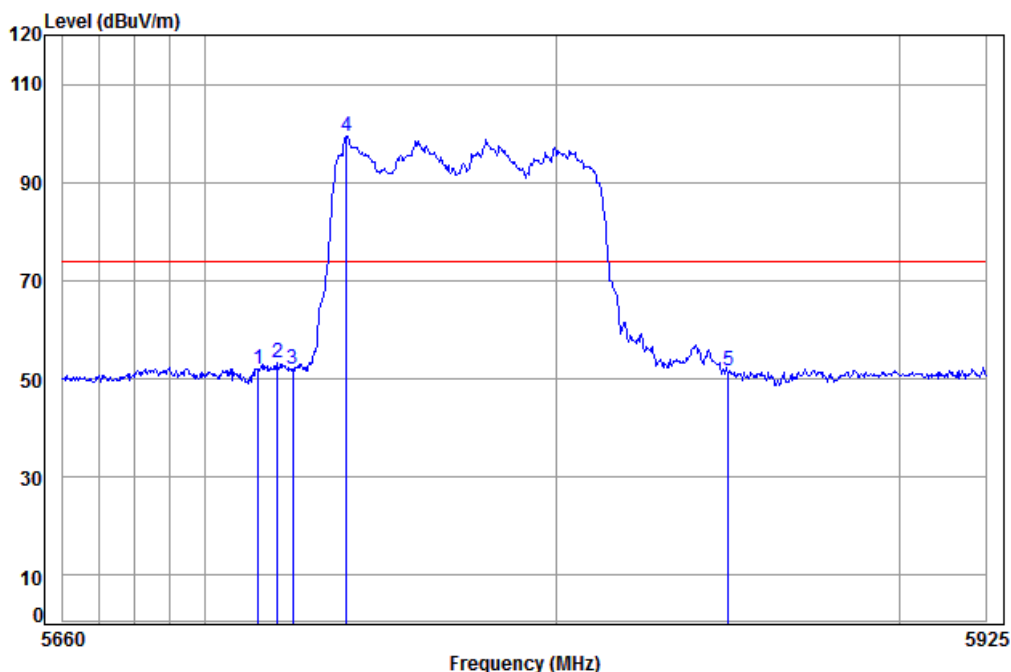
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Test mode:	802.11 ac80	Frequency(MHz):	5775	Remark:	Peak	Horizontal
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Condition: 3m HORIZONTAL
Job No: : 3843CR
Mode: : 5775 Band edge
: AC80

	Freq	Cable Loss	Ant Factor	Preamplifier Factor	Read Level	Limit Level	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5715.000	8.47	34.24	38.91	48.13	51.93	74.00 -22.07
2	5720.666	8.48	34.24	38.92	49.49	53.29	74.00 -20.71
3	5725.000	8.48	34.24	38.92	48.07	51.87	74.00 -22.13
4 pp	5740.069	8.50	34.23	38.92	95.59	99.40	74.00 25.40
5	5850.000	8.60	34.33	38.94	47.70	51.69	74.00 -22.31

Note:

The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

$$\text{Final Test Level} = \text{Receiver Reading} + \text{Antenna Factor} + \text{Cable Factor} - \text{Preamplifier Factor}$$

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6.10 Frequency Stability

Test Requirement:	47 CFR Part 15 Section 15.407(g)
Test Method:	ANSI C63.10: 2013
Test Setup:	<pre> graph LR SA[Spectrum Analyzer] --- EUT[EUT] subgraph TC [Temperature Chamber] EUT end EUT --- P[AC/DC Power supply] </pre>
Limit:	The frequency tolerance shall be maintained within the band of operation frequency over a temperature variation of 0 degrees to 35 degrees C at normal supply voltage, and for a variation in the primary supply voltage from 85% to 115% of the rated supply voltage at a temperature of 20 degrees C.
Test Procedure:	- The EUT was placed inside the environmental test chamber and powered by nominal AC/DC voltage. - Turn the EUT on and couple its output to a spectrum analyzer. - Turn the EUT off and set the chamber to the highest temperature specified. - Allow sufficient time (approximately 30 min) for the temperature of the chamber to stabilize. - Repeat step 2 and 3 with the temperature chamber set to the lowest temperature. - The test chamber was allowed to stabilize at +20 degree C for a minimum of 30 minutes. The supply voltage was then adjusted on the EUT from 85% to 115% and the frequency record.
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates.
Final Test Mode:	Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; MCS0 of rate is the worst case of 802.11n(HT20); MCS0 of rate is the worst case of 802.11n(HT40); MCS0 of rate is the worst case of 802.11ac(HT20); MCS0 of rate is the worst case of 802.11ac(HT40); MCS0 of rate is the worst case of 802.11ac(HT80) The test for all mode was performed at ANT4. Only the worst case is recorded in the report.



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Test data as follows:

Test mode:		802.11a	Frequency(MHz):	5180
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5182.5491		Pass
25		5182.5500		Pass
15		5182.5508		Pass
5		5182.5501		Pass
0		5182.5493		Pass
20	102	5182.5492		Pass
	120	5182.5500		Pass
	138	5182.5506		Pass

Test mode:		802.11a	Frequency(MHz):	5200
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5202.5490		Pass
25		5202.5500		Pass
15		5202.5502		Pass
5		5202.5498		Pass
0		5202.5494		Pass
20	102	5202.5490		Pass
	120	5202.5500		Pass
	138	5202.5505		Pass

Test mode:		802.11a	Frequency(MHz):	5240
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5242.5492		Pass
25		5242.5500		Pass
15		5242.5502		Pass
5		5242.5494		Pass
0		5242.5493		Pass
20	102	5242.5490		Pass
	120	5242.5500		Pass
	138	5242.5502		Pass

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Test mode:	802.11a	Frequency(MHz):	5260
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5268.3997	Pass
25		5268.4000	Pass
15		5268.4002	Pass
5		5268.3993	Pass
0		5268.3989	Pass
20	102	5268.3991	Pass
	120	5268.4000	Pass
	138	5268.4008	Pass

Test mode:	802.11a	Frequency(MHz):	5300
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5302.9991	Pass
25		5303.0000	Pass
15		5303.0006	Pass
5		5303.0002	Pass
0		5302.9995	Pass
20	102	5302.9999	Pass
	120	5303.0000	Pass
	138	5303.0002	Pass

Test mode:	802.11a	Frequency(MHz):	5320
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5322.9996	Pass
25		5323.0000	Pass
15		5323.0004	Pass
5		5322.9995	Pass
0		5322.9986	Pass
20	102	5322.9994	Pass
	120	5323.0000	Pass
	138	5323.0010	Pass

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Test mode:	802.11a	Frequency(MHz):	5500
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5506.8091	Pass
25		5506.8100	Pass
15		5506.8101	Pass
5		5506.8091	Pass
0		5506.8086	Pass
20	102	5506.8096	Pass
	120	5506.8100	Pass
	138	5506.8108	Pass

Test mode:	802.11a	Frequency(MHz):	5600
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5606.8393	Pass
25		5606.8400	Pass
15		5606.8405	Pass
5		5606.8401	Pass
0		5606.8392	Pass
20	102	5606.8396	Pass
	120	5606.8400	Pass
	138	5606.8406	Pass

Test mode:	802.11a	Frequency(MHz):	5700
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5706.8396	Pass
25		5706.8400	Pass
15		5706.8410	Pass
5		5706.8401	Pass
0		5706.8397	Pass
20	102	5706.8391	Pass
	120	5706.8400	Pass
	138	5706.8406	Pass

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Test mode:		802.11a	Frequency(MHz):	5745
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5751.8093		Pass
25		5751.8100		Pass
15		5751.8108		Pass
5		5751.8104		Pass
0		5751.8099		Pass
20	102	5751.8093		Pass
	120	5751.8100		Pass
	138	5751.8109		Pass

Test mode:		802.11a	Frequency(MHz):	5785
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5791.8393		Pass
25		5791.8400		Pass
15		5791.8404		Pass
5		5791.8394		Pass
0		5791.8387		Pass
20	102	5791.8395		Pass
	120	5791.8400		Pass
	138	5791.8402		Pass

Test mode:		802.11a	Frequency(MHz):	5825
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5825.5596		Pass
25		5825.5600		Pass
15		5825.5605		Pass
5		5825.5601		Pass
0		5825.5592		Pass
20	102	5825.5595		Pass
	120	5825.5600		Pass
	138	5825.5602		Pass

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Test mode:	802.11n(HT20)	Frequency(MHz):	5180
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5174.9291	Pass
25		5174.9300	Pass
15		5174.9303	Pass
5		5174.9298	Pass
0		5174.9289	Pass
20	102	5174.9298	Pass
	120	5174.9300	Pass
	138	5174.9307	Pass

Test mode:	802.11n(HT20)	Frequency(MHz):	5200
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5194.9297	Pass
25		5194.9300	Pass
15		5194.9306	Pass
5		5194.9300	Pass
0		5194.9297	Pass
20	102	5194.9290	Pass
	120	5194.9300	Pass
	138	5194.9307	Pass

Test mode:	802.11n(HT20)	Frequency(MHz):	5240
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5234.9595	Pass
25		5234.9600	Pass
15		5234.9605	Pass
5		5234.9597	Pass
0		5234.9588	Pass
20	102	5234.9592	Pass
	120	5234.9600	Pass
	138	5234.9607	Pass

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Test mode:	802.11n(HT20)	Frequency(MHz):	5260
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5253.6995	Pass
25		5253.7000	Pass
15		5253.7003	Pass
5		5253.6994	Pass
0		5253.6987	Pass
20	102	5253.6999	Pass
	120	5253.7000	Pass
	138	5253.7008	Pass

Test mode:	802.11n(HT20)	Frequency(MHz):	5300
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5293.6992	Pass
25		5293.7000	Pass
15		5293.7003	Pass
5		5293.6994	Pass
0		5293.6987	Pass
20	102	5293.6993	Pass
	120	5293.7000	Pass
	138	5293.7005	Pass

Test mode:	802.11n(HT20)	Frequency(MHz):	5320
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5313.6999	Pass
25		5313.7000	Pass
15		5313.7009	Pass
5		5313.7005	Pass
0		5313.7002	Pass
20	102	5313.6994	Pass
	120	5313.7000	Pass
	138	5313.7009	Pass

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Test mode:	802.11n(HT20)	Frequency(MHz):	5500
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5493.6998	Pass
25		5493.7000	Pass
15		5493.7010	Pass
5		5493.7005	Pass
0		5493.7001	Pass
20	102	5493.6997	Pass
	120	5493.7000	Pass
	138	5493.7003	Pass

Test mode:	802.11n(HT20)	Frequency(MHz):	5600
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5593.6998	Pass
25		5593.7000	Pass
15		5593.7007	Pass
5		5593.6998	Pass
0		5593.6994	Pass
20	102	5593.6998	Pass
	120	5593.7000	Pass
	138	5593.7004	Pass

Test mode:	802.11n(HT20)	Frequency(MHz):	5700
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5693.6994	Pass
25		5693.7000	Pass
15		5693.7001	Pass
5		5693.6998	Pass
0		5693.6990	Pass
20	102	5693.6995	Pass
	120	5693.7000	Pass
	138	5693.7002	Pass

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Test mode:		802.11n(HT20)	Frequency(MHz):	5745
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5744.1899		Pass
25		5744.1900		Pass
15		5744.1908		Pass
5		5744.1901		Pass
0		5744.1898		Pass
20	102	5744.1895		Pass
	120	5744.1900		Pass
	138	5744.1908		Pass

Test mode:		802.11n(HT20)	Frequency(MHz):	5785
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5784.2194		Pass
25		5784.2200		Pass
15		5784.2207		Pass
5		5784.2206		Pass
0		5784.2203		Pass
20	102	5784.2191		Pass
	120	5784.2200		Pass
	138	5784.2210		Pass

Test mode:		802.11n(HT20)	Frequency(MHz):	5825
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5818.6398		Pass
25		5818.6400		Pass
15		5818.6408		Pass
5		5818.6405		Pass
0		5818.6402		Pass
20	102	5818.6394		Pass
	120	5818.6400		Pass
	138	5818.6408		Pass

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Test mode:		802.11n(HT40)	Frequency(MHz):	5190
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5195.8196		Pass
25		5195.8200		Pass
15		5195.8206		Pass
5		5195.8200		Pass
0		5195.8195		Pass
20	102	5195.8191		Pass
	120	5195.8200		Pass
	138	5195.8204		Pass

Test mode:		802.11n(HT40)	Frequency(MHz):	5230
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5235.8191		Pass
25		5235.8200		Pass
15		5235.8208		Pass
5		5235.8204		Pass
0		5235.8201		Pass
20	102	5235.8197		Pass
	120	5235.8200		Pass
	138	5235.8205		Pass

Test mode:		802.11n(HT40)	Frequency(MHz):	5270
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5254.9396		Pass
25		5254.9400		Pass
15		5254.9406		Pass
5		5254.9402		Pass
0		5254.9397		Pass
20	102	5254.9392		Pass
	120	5254.9400		Pass
	138	5254.9406		Pass

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Test mode:	802.11n(HT40)	Frequency(MHz):	5310
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5294.8796	Pass
25		5294.8800	Pass
15		5294.8801	Pass
5		5294.8799	Pass
0		5294.8792	Pass
20	102	5294.8797	Pass
	120	5294.8800	Pass
	138	5294.8808	Pass

Test mode:	802.11n(HT40)	Frequency(MHz):	5510
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5494.8791	Pass
25		5494.8800	Pass
15		5494.8808	Pass
5		5494.8799	Pass
0		5494.8795	Pass
20	102	5494.8792	Pass
	120	5494.8800	Pass
	138	5494.8806	Pass

Test mode:	802.11n(HT40)	Frequency(MHz):	5590
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5599.9596	Pass
25		5599.9600	Pass
15		5599.9602	Pass
5		5599.9599	Pass
0		5599.9590	Pass
20	102	5599.9595	Pass
	120	5599.9600	Pass
	138	5599.9609	Pass

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Test mode:	802.11n(HT40)	Frequency(MHz):	5670
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5679.9595	Pass
25		5679.9600	Pass
15		5679.9604	Pass
5		5679.9602	Pass
0		5679.9599	Pass
20	102	5679.9591	Pass
	120	5679.9600	Pass
	138	5679.9604	Pass

Test mode:	802.11n(HT40)	Frequency(MHz):	5755
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5757.0390	Pass
25		5757.0400	Pass
15		5757.0403	Pass
5		5757.0398	Pass
0		5757.0392	Pass
20	102	5757.0395	Pass
	120	5757.0400	Pass
	138	5757.0406	Pass

Test mode:	802.11n(HT40)	Frequency(MHz):	5795
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5802.2591	Pass
25		5802.2600	Pass
15		5802.2610	Pass
5		5802.2601	Pass
0		5802.2596	Pass
20	102	5802.2595	Pass
	120	5802.2600	Pass
	138	5802.2609	Pass

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Test mode:		802.11ac(HT20)	Frequency(MHz):	5180
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5174.9599		Pass
25		5174.9600		Pass
15		5174.9607		Pass
5		5174.9598		Pass
0		5174.9595		Pass
20	102	5174.9597		Pass
	120	5174.9600		Pass
	138	5174.9606		Pass

Test mode:		802.11ac(HT20)	Frequency(MHz):	5200
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5194.6598		Pass
25		5194.6600		Pass
15		5194.6610		Pass
5		5194.6607		Pass
0		5194.6598		Pass
20	102	5194.6598		Pass
	120	5194.6600		Pass
	138	5194.6603		Pass

Test mode:		802.11ac(HT20)	Frequency(MHz):	5240
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5234.9294		Pass
25		5234.9300		Pass
15		5234.9304		Pass
5		5234.9298		Pass
0		5234.9294		Pass
20	102	5234.9297		Pass
	120	5234.9300		Pass
	138	5234.9307		Pass

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Test mode:		802.11ac(HT20)	Frequency(MHz):	5260
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5253.6695		Pass
25		5253.6700		Pass
15		5253.6709		Pass
5		5253.6708		Pass
0		5253.6699		Pass
20	102	5253.6695		Pass
	120	5253.6700		Pass
	138	5253.6706		Pass

Test mode:		802.11ac(HT20)	Frequency(MHz):	5300
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5293.6998		Pass
25		5293.7000		Pass
15		5293.7006		Pass
5		5293.7003		Pass
0		5293.6995		Pass
20	102	5293.6997		Pass
	120	5293.7000		Pass
	138	5293.7004		Pass

Test mode:		802.11ac(HT20)	Frequency(MHz):	5320
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5313.6993		Pass
25		5313.7000		Pass
15		5313.7008		Pass
5		5313.7006		Pass
0		5313.6996		Pass
20	102	5313.6996		Pass
	120	5313.7000		Pass
	138	5313.7010		Pass

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Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5493.6992		Pass
25		5493.7000		Pass
15		5493.7008		Pass
5		5493.7003		Pass
0		5493.6995		Pass
20	102	5493.6998		Pass
	120	5493.7000		Pass
	138	5493.7005		Pass

Test mode:		802.11ac(HT20)	Frequency(MHz):	5600
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5593.6991		Pass
25		5593.7000		Pass
15		5593.7009		Pass
5		5593.7005		Pass
0		5593.6996		Pass
20	102	5593.6991		Pass
	120	5593.7000		Pass
	138	5593.7005		Pass

Test mode:		802.11ac(HT20)	Frequency(MHz):	5700
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5693.6997		Pass
25		5693.7000		Pass
15		5693.7005		Pass
5		5693.6996		Pass
0		5693.6993		Pass
20	102	5693.6994		Pass
	120	5693.7000		Pass
	138	5693.7006		Pass

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Test mode:		802.11ac(HT20)	Frequency(MHz):	5745
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5744.1899		Pass
25		5744.1900		Pass
15		5744.1904		Pass
5		5744.1901		Pass
0		5744.1899		Pass
20	102	5744.1898		Pass
	120	5744.1900		Pass
	138	5744.1902		Pass

Test mode:		802.11ac(HT20)	Frequency(MHz):	5785
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5784.2196		Pass
25		5784.2200		Pass
15		5784.2202		Pass
5		5784.2199		Pass
0		5784.2195		Pass
20	102	5784.2198		Pass
	120	5784.2200		Pass
	138	5784.2210		Pass

Test mode:		802.11ac(HT20)	Frequency(MHz):	5825
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5818.6995		Pass
25		5818.7000		Pass
15		5818.7009		Pass
5		5818.7003		Pass
0		5818.7000		Pass
20	102	5818.6992		Pass
	120	5818.7000		Pass
	138	5818.7009		Pass

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Test mode:		802.11ac(HT40)	Frequency(MHz):	5190
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5195.8193		Pass
25		5195.8200		Pass
15		5195.8203		Pass
5		5195.8200		Pass
0		5195.8190		Pass
20	102	5195.8192		Pass
	120	5195.8200		Pass
	138	5195.8210		Pass

Test mode:		802.11ac(HT40)	Frequency(MHz):	5230
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5235.8192		Pass
25		5235.8200		Pass
15		5235.8203		Pass
5		5235.8202		Pass
0		5235.8197		Pass
20	102	5235.8194		Pass
	120	5235.8200		Pass
	138	5235.8202		Pass

Test mode:		802.11ac(HT40)	Frequency(MHz):	5270
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5279.9598		Pass
25		5279.9600		Pass
15		5279.9608		Pass
5		5279.9602		Pass
0		5279.9600		Pass
20	102	5279.9596		Pass
	120	5279.9600		Pass
	138	5279.9602		Pass

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Test mode:		802.11ac(HT40)	Frequency(MHz):	5310
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5294.8796		Pass
25		5294.8800		Pass
15		5294.8805		Pass
5		5294.8801		Pass
0		5294.8794		Pass
20	102	5294.8798		Pass
	120	5294.8800		Pass
	138	5294.8806		Pass

Test mode:		802.11ac(HT40)	Frequency(MHz):	5510
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5523.7397		Pass
25		5523.7400		Pass
15		5523.7402		Pass
5		5523.7395		Pass
0		5523.7386		Pass
20	102	5523.7392		Pass
	120	5523.7400		Pass
	138	5523.7410		Pass

Test mode:		802.11ac(HT40)	Frequency(MHz):	5590
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5603.7391		Pass
25		5603.7400		Pass
15		5603.7410		Pass
5		5603.7406		Pass
0		5603.7396		Pass
20	102	5603.7392		Pass
	120	5603.7400		Pass
	138	5603.7404		Pass

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Test mode:		802.11ac(HT40)	Frequency(MHz):	5670
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5683.7392		Pass
25		5683.7400		Pass
15		5683.7409		Pass
5		5683.7401		Pass
0		5683.7399		Pass
20	102	5683.7392		Pass
	120	5683.7400		Pass
	138	5683.7403		Pass

Test mode:		802.11ac(HT40)	Frequency(MHz):	5755
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5757.0392		Pass
25		5757.0400		Pass
15		5757.0405		Pass
5		5757.0403		Pass
0		5757.0396		Pass
20	102	5757.0398		Pass
	120	5757.0400		Pass
	138	5757.0407		Pass

Test mode:		802.11ac(HT40)	Frequency(MHz):	5795
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5797.0996		Pass
25		5797.1000		Pass
15		5797.1009		Pass
5		5797.1007		Pass
0		5797.1000		Pass
20	102	5797.0993		Pass
	120	5797.1000		Pass
	138	5797.1006		Pass

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Test mode:		802.11ac(HT80)	Frequency(MHz):	5210
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5175.5592		Pass
25		5175.5600		Pass
15		5175.5602		Pass
5		5175.5595		Pass
0		5175.5586		Pass
20	102	5175.5593		Pass
	120	5175.5600		Pass
	138	5175.5604		Pass

Test mode:		802.11ac(HT80)	Frequency(MHz):	5290
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5254.5994		Pass
25		5254.6000		Pass
15		5254.6004		Pass
5		5254.6000		Pass
0		5254.5992		Pass
20	102	5254.5995		Pass
	120	5254.6000		Pass
	138	5254.6001		Pass

Test mode:		802.11ac(HT80)	Frequency(MHz):	5530
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5494.7197		Pass
25		5494.7200		Pass
15		5494.7209		Pass
5		5494.7205		Pass
0		5494.7202		Pass
20	102	5494.7191		Pass
	120	5494.7200		Pass
	138	5494.7206		Pass

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Test mode:	802.11ac(HT80)	Frequency(MHz):	5610
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5474.7196	Pass
25		5474.7200	Pass
15		5474.7210	Pass
5		5474.7206	Pass
0		5474.7201	Pass
20	102	5474.7194	Pass
	120	5474.7200	Pass
	138	5474.7204	Pass

Test mode:	802.11ac(HT80)	Frequency(MHz):	5775
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)	Result
35	120	5760.2398	Pass
25		5760.2400	Pass
15		5760.2407	Pass
5		5760.2405	Pass
0		5760.2401	Pass
20	102	5760.2397	Pass
	120	5760.2400	Pass
	138	5760.2408	Pass

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7 Photographs - EUT Test Setup

Test model No.: SML-5112W

7.1 Conducted Emission

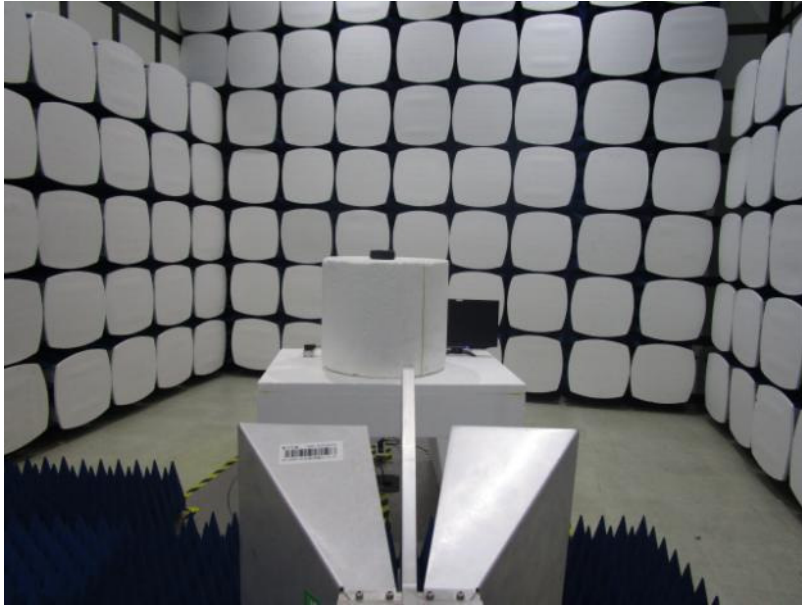


7.2 Radiated Emission



7.3 Radiated Spurious Emission

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8 Photographs - EUT Constructional Details

Refer to Appendix A - Photographs of EUT Constructional Details for SZEM1605003843CR.