

Polar Plot Vertical Cut

Antenna: 180924_WiFi_5.0_GHz

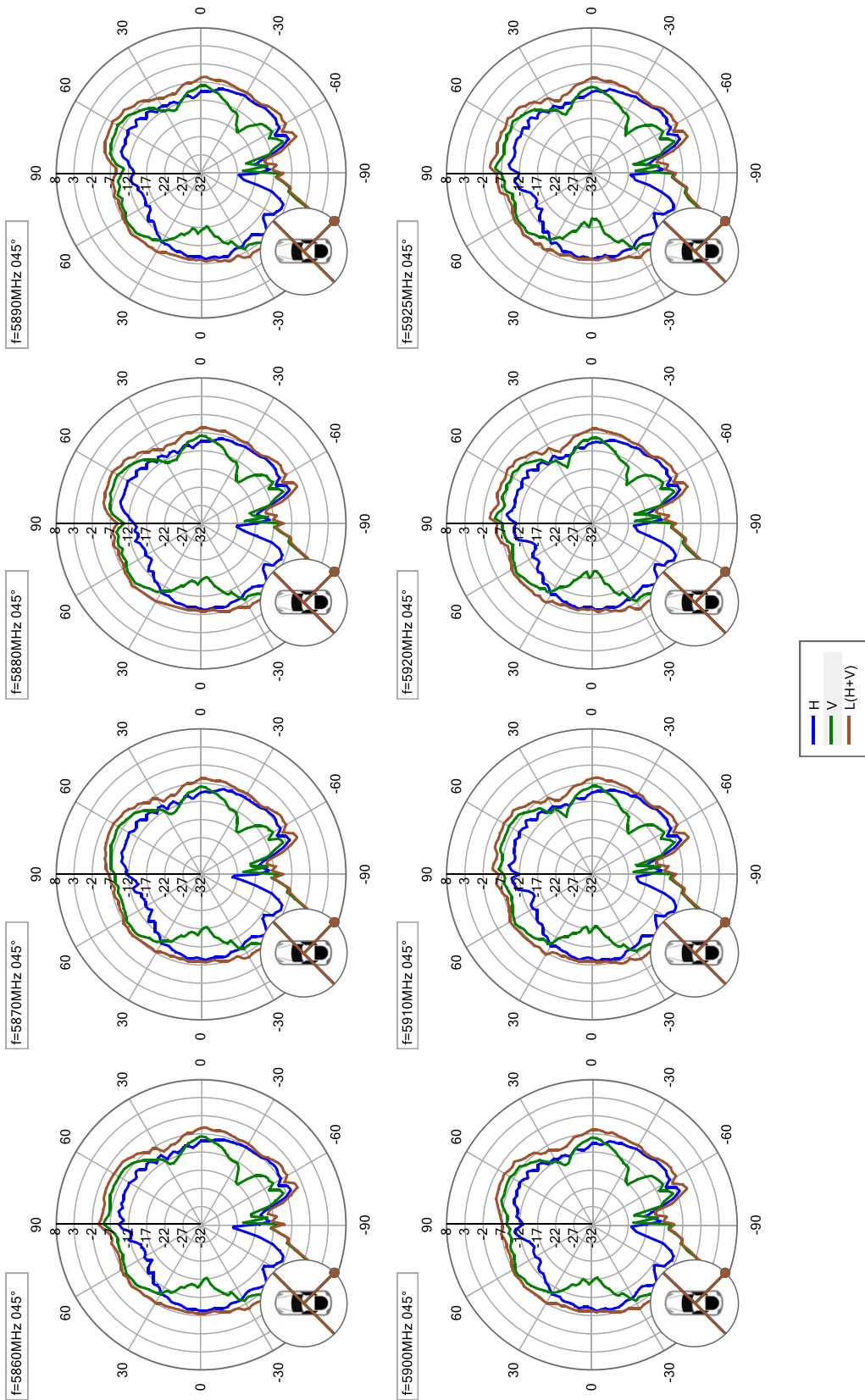
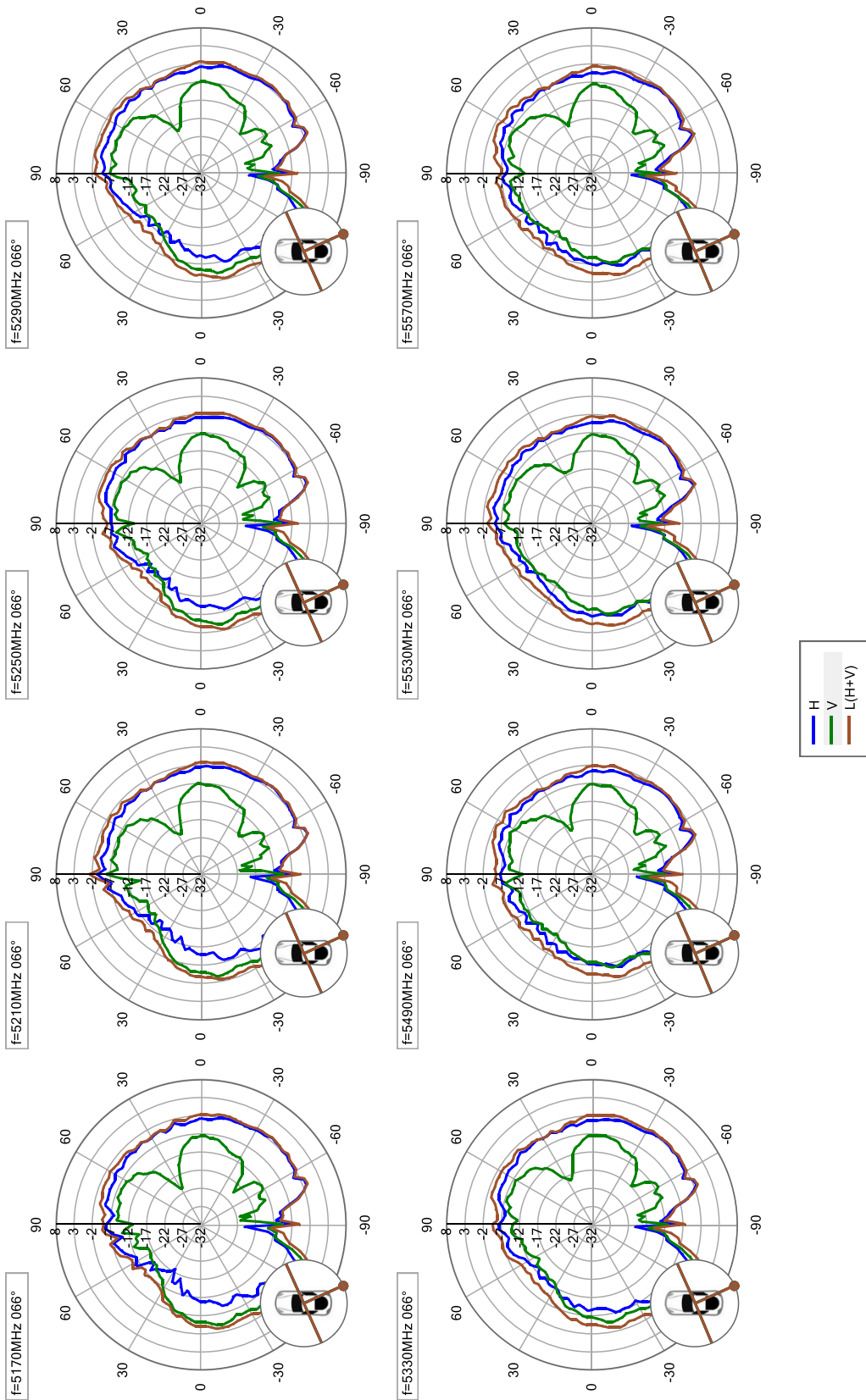


Figure 53 - 180924_WiFi_5.0_GHz, Polar Plot Vertical Cut, $\Phi = 45^\circ$

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Figure 54 - 180924_WiFi_5.0_GHz, Polar Plot Vertical Cut, $\Phi=66^\circ$

Polar Plot Vertical Cut

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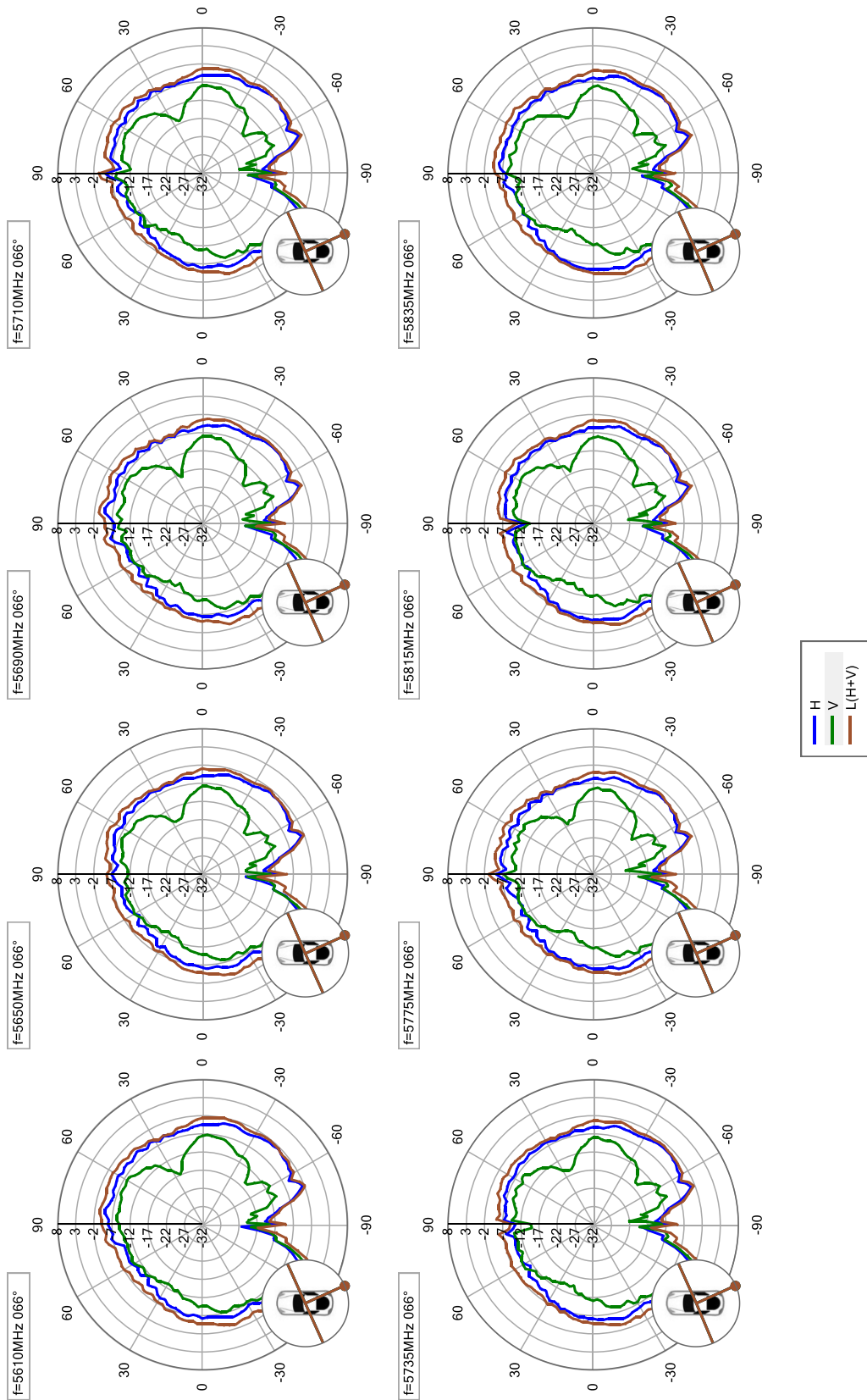
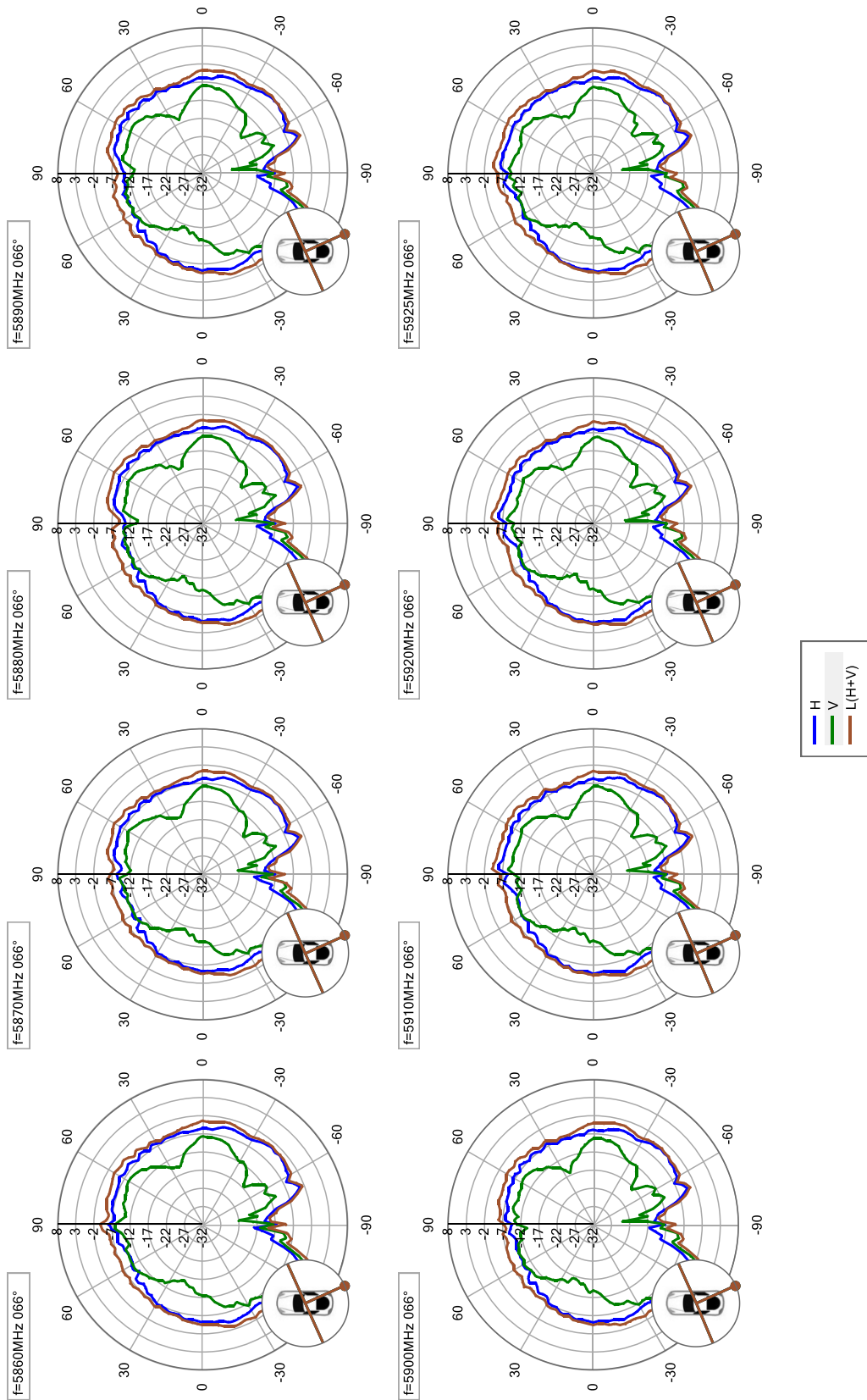


Figure 55 - 180924_WiFi_5.0_GHz, Polar Plot Vertical Cut, $\Phi=66^\circ$

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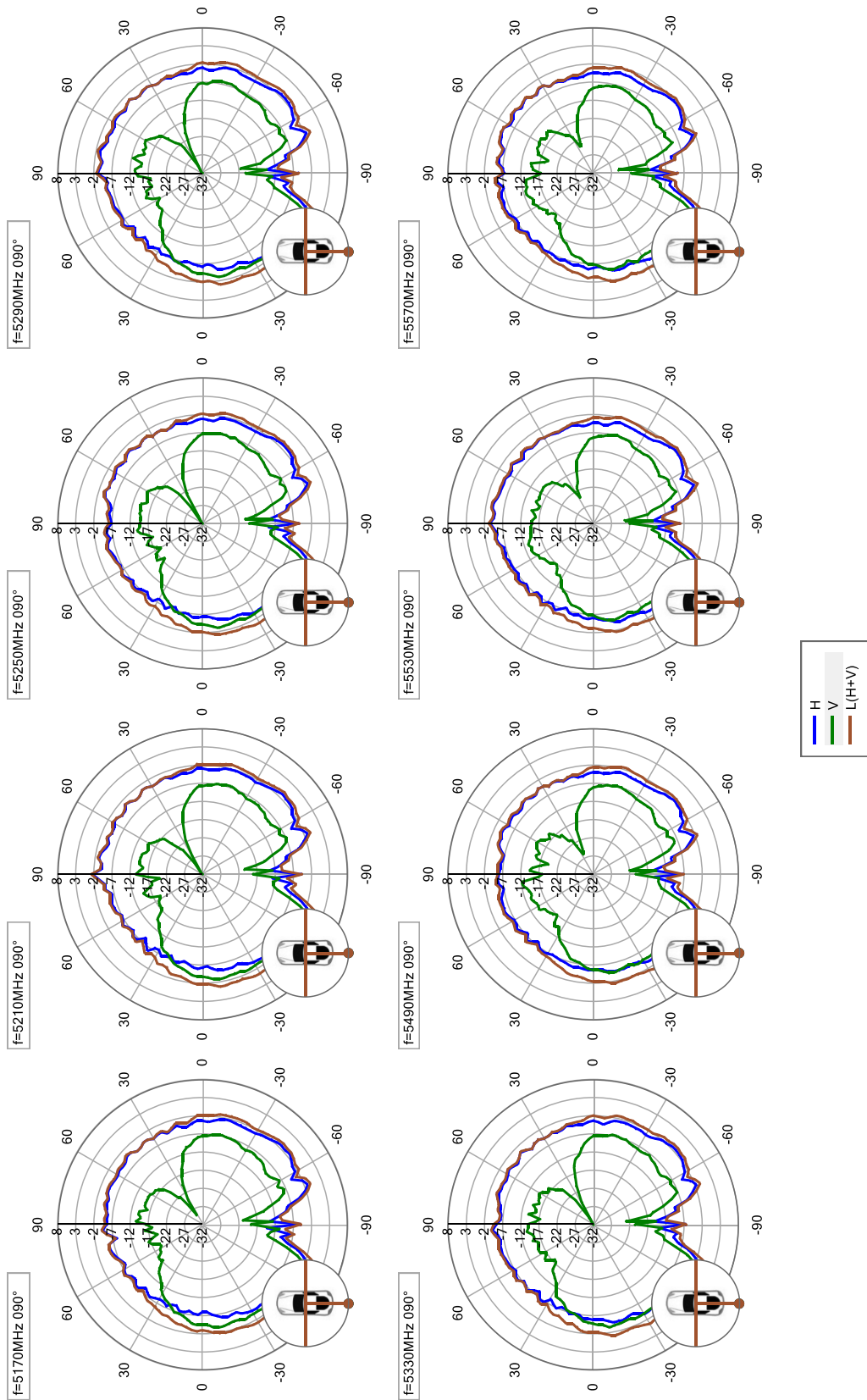
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Figure 56 - 180924_WiFi_5.0_GHz, Polar Plot Vertical Cut, Phi=66°

Polar Plot Vertical Cut

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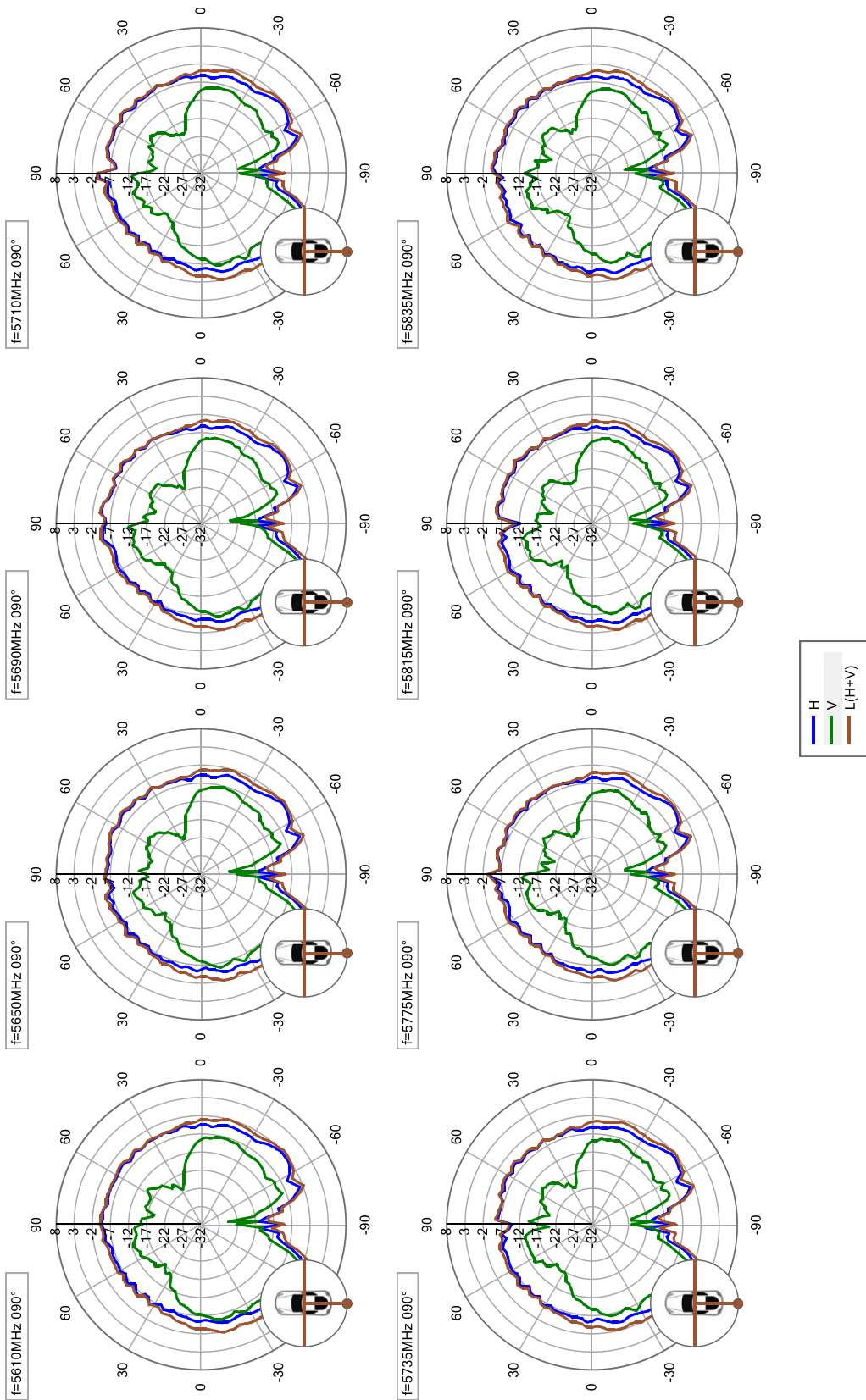
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Figure 57 - 180924_WiFi_5.0_GHz, Polar Plot Vertical Cut, Phi=90°

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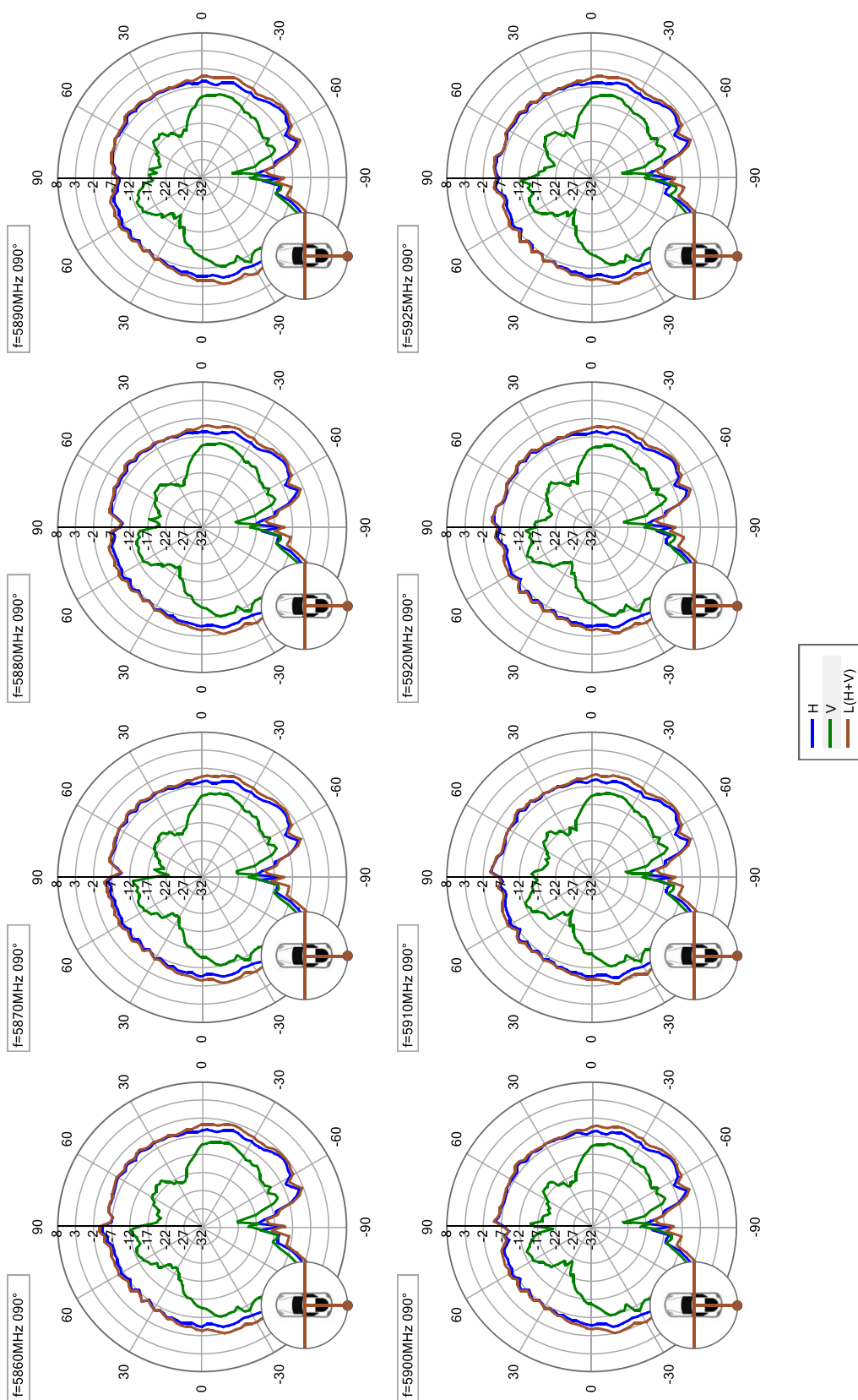
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Figure 58 - 180924_WiFi_5.0_GHz, Polar Plot Vertical Cut, Phi=90°

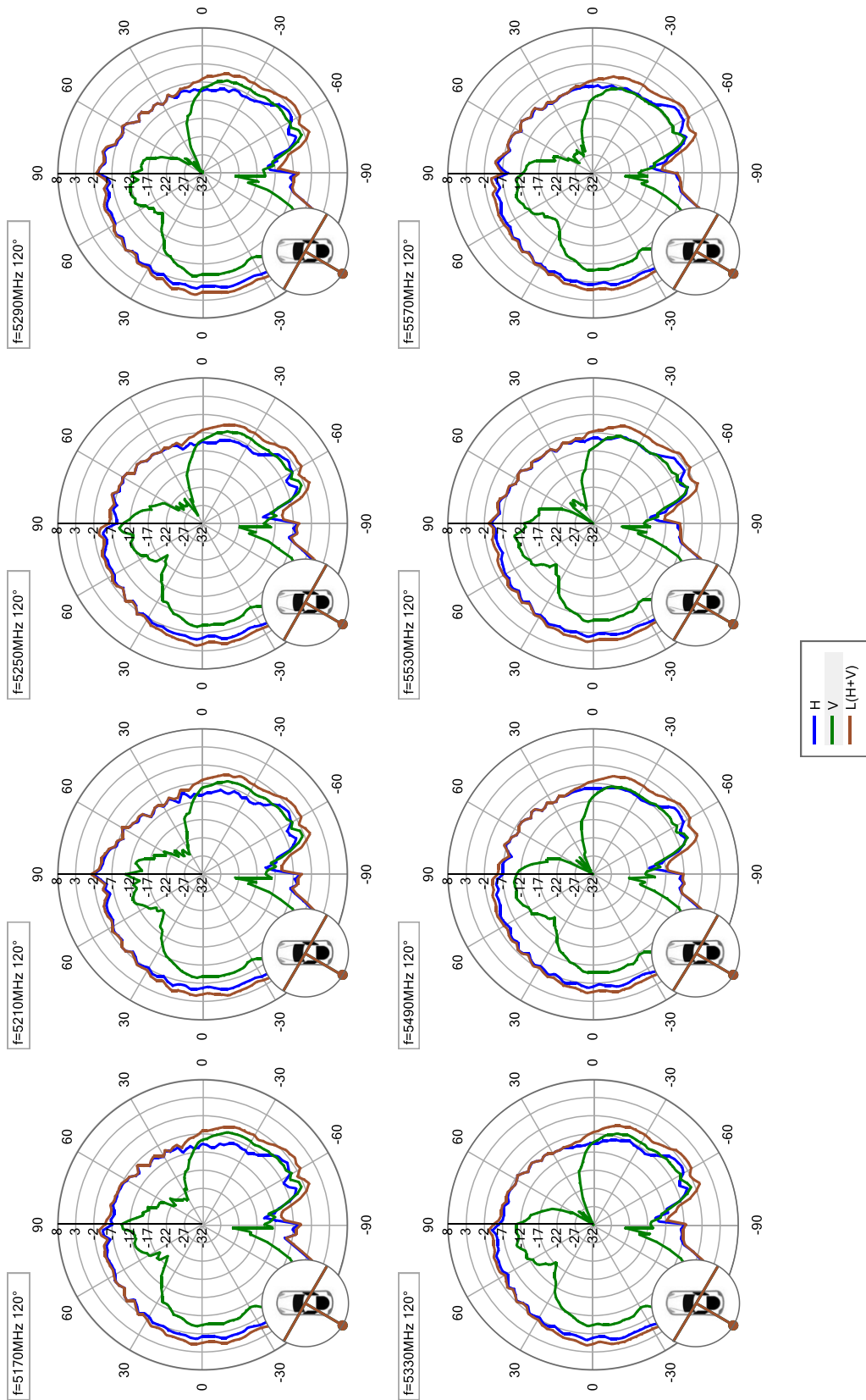
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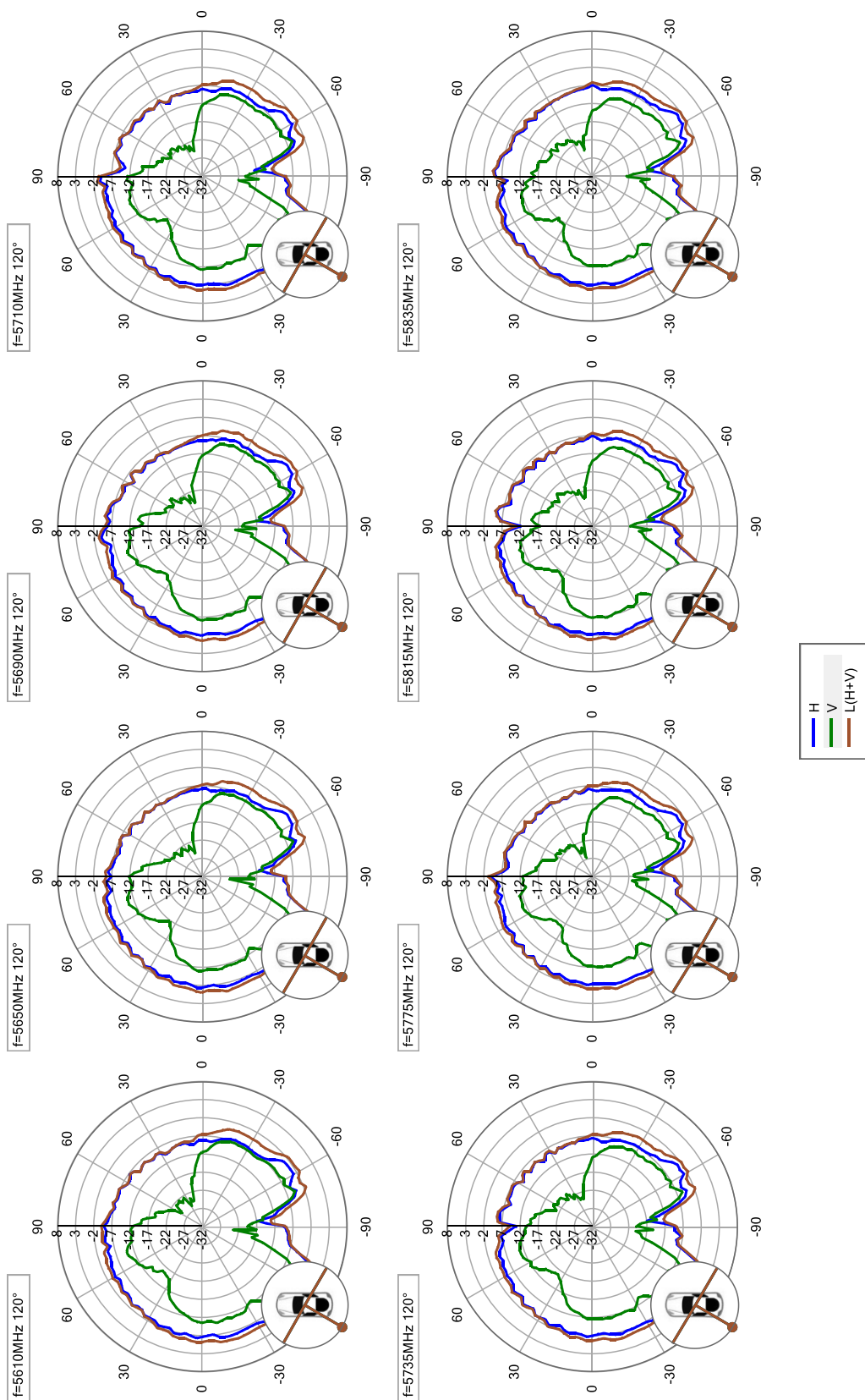
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Figure 60 - 180924_WiFi_5.0_GHz, Polar Plot Vertical Cut, Phi=120°

Polar Plot Vertical Cut

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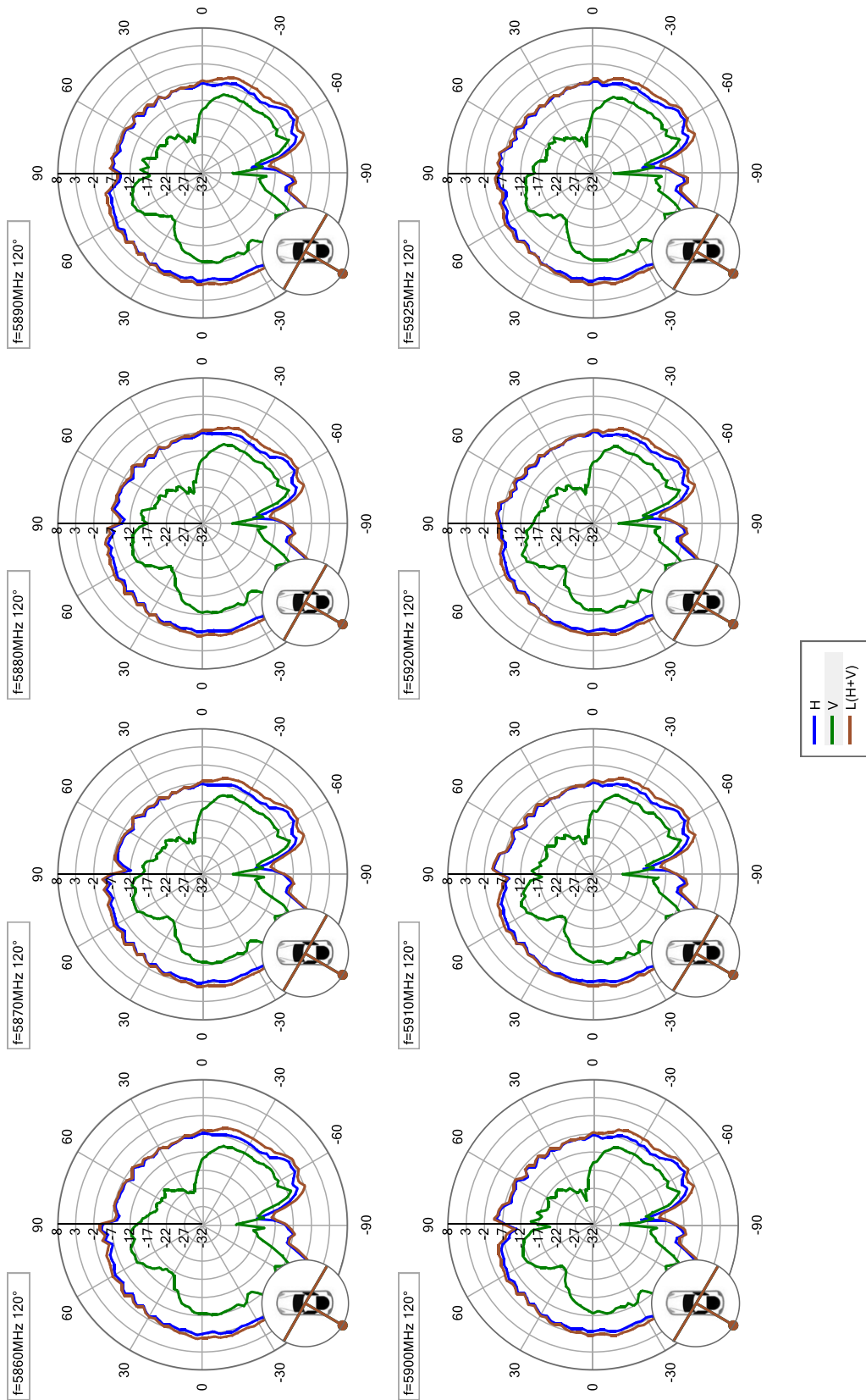
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Figure 61 - 180924_WiFi_5.0_GHz, Polar Plot Vertical Cut, $\Phi=120^\circ$

Polar Plot Vertical Cut

Antenna: 180924_WiFi_5.0_GHz



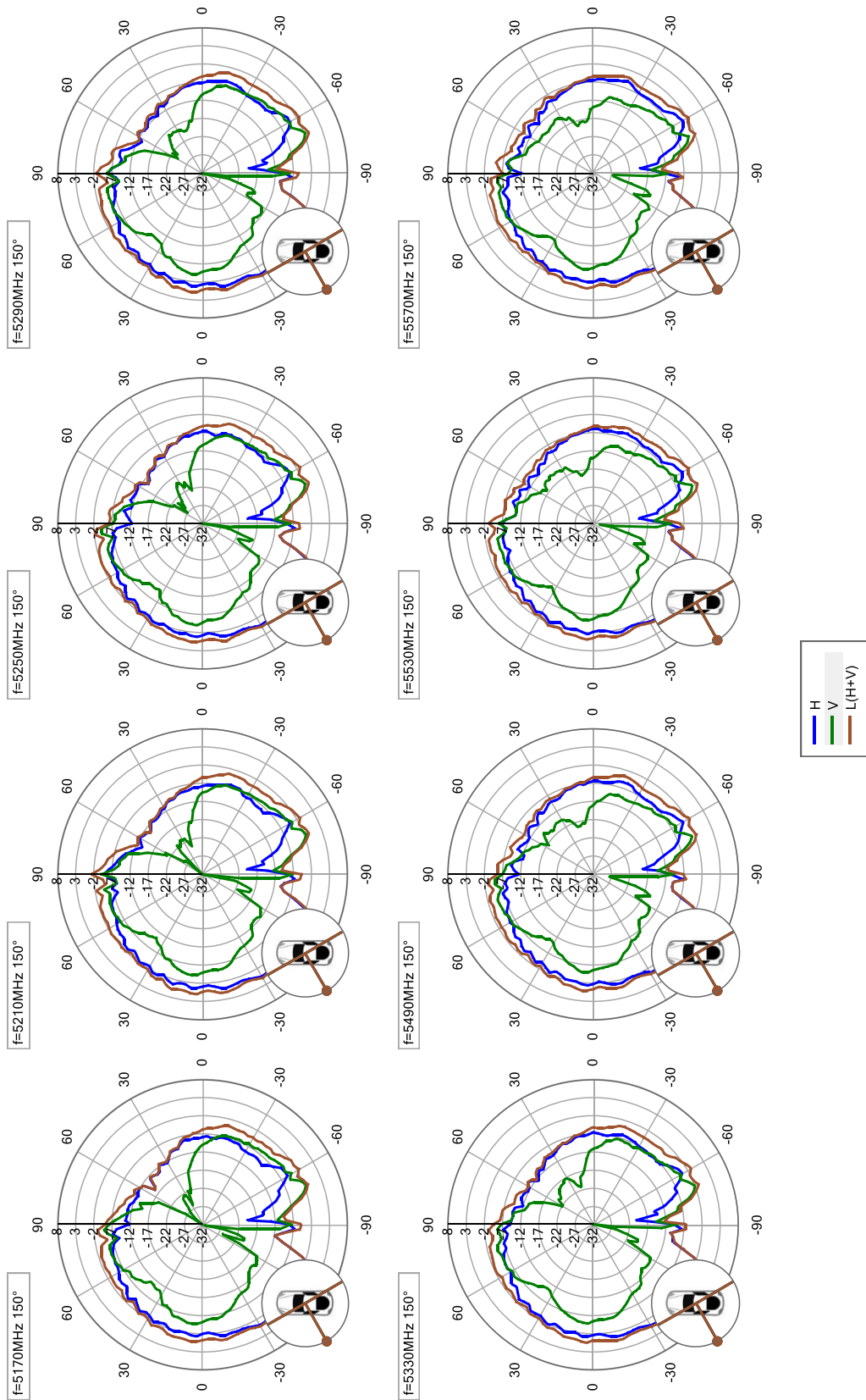
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Figure 62 - 180924_WiFi_5.0_GHz, Polar Plot Vertical Cut, Phi=120°

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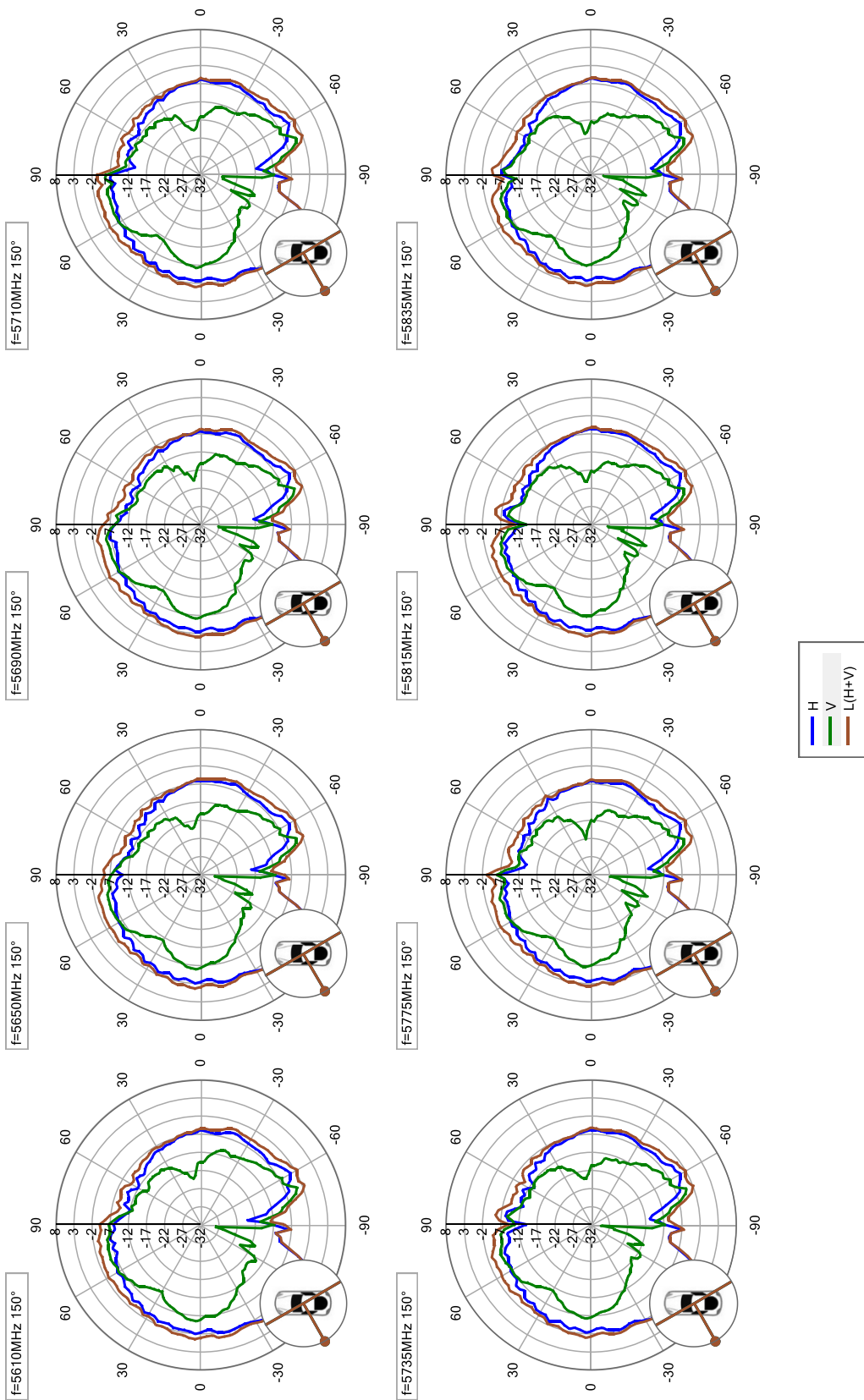
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Figure 63 - 180924_WiFi_5.0_GHz, Polar Plot Vertical Cut, Phi=150°

Polar Plot Vertical Cut

Antenna: 180924_WiFi_5.0_GHz



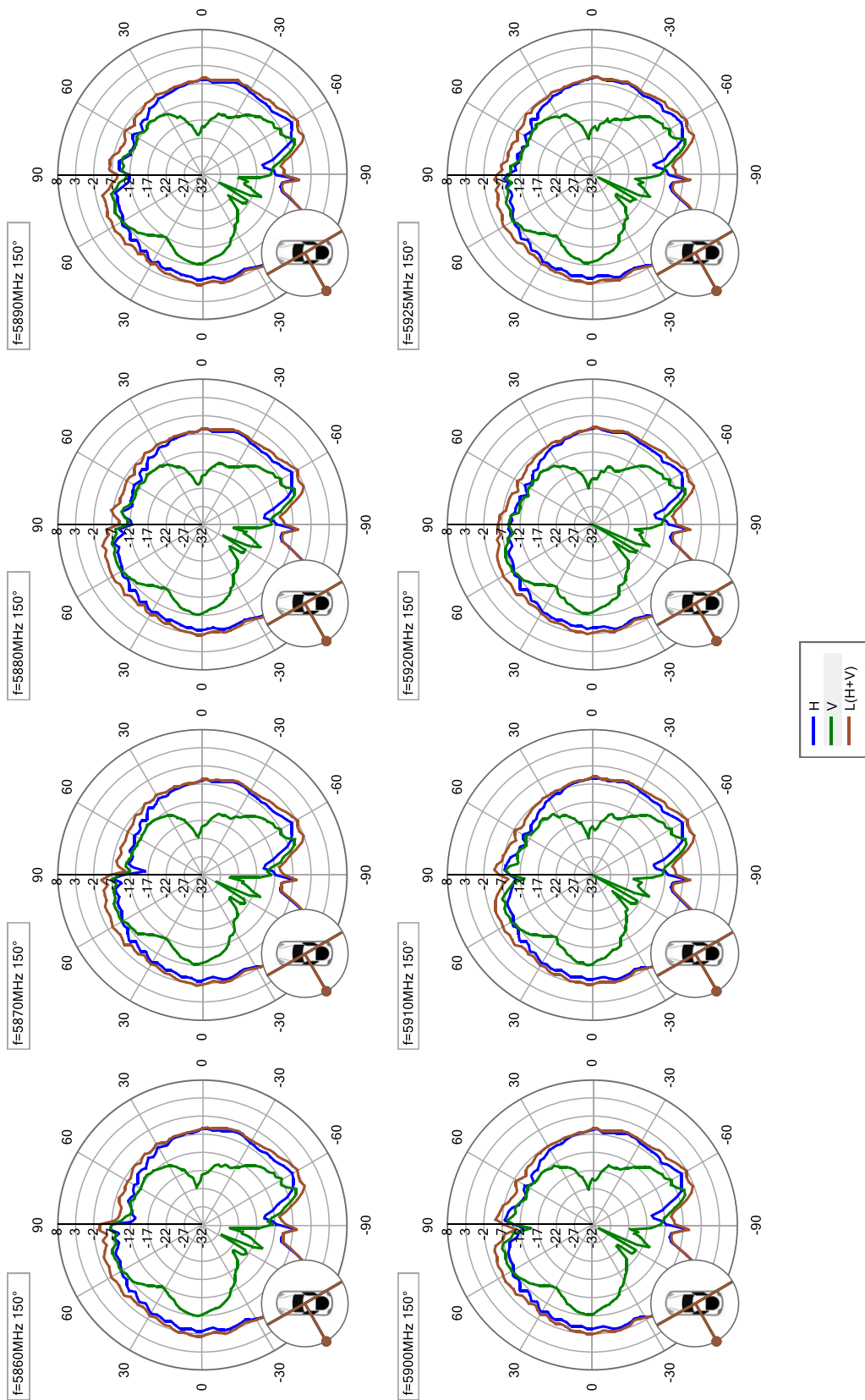
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Figure 64 - 180924_WiFi_5.0_GHz, Polar Plot Vertical Cut, Phi=150°

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Figure 65 - 180924_WiFi_5.0_GHz, Polar Plot Vertical Cut, Phi=150°

Polar Plot Vertical Cut

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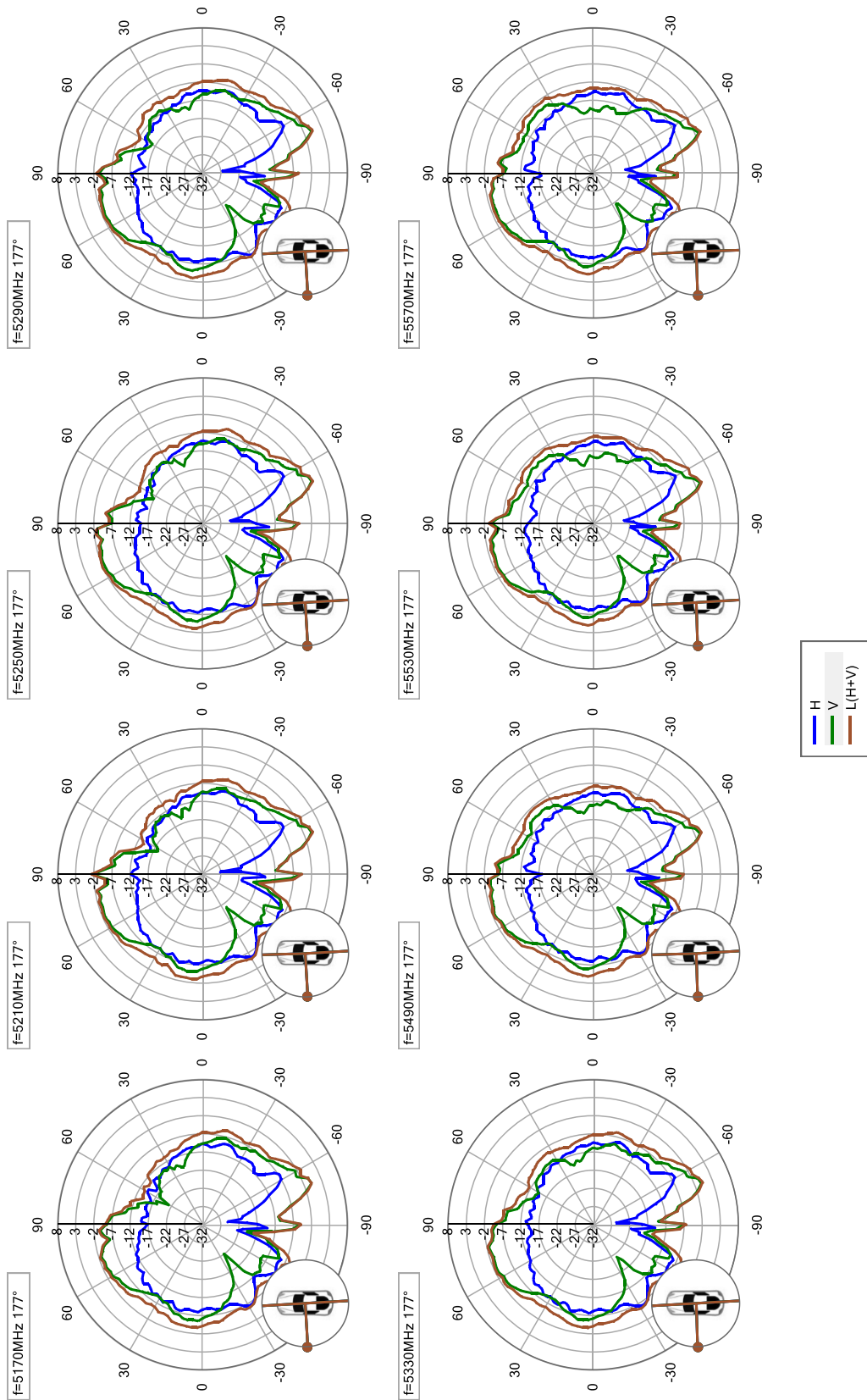
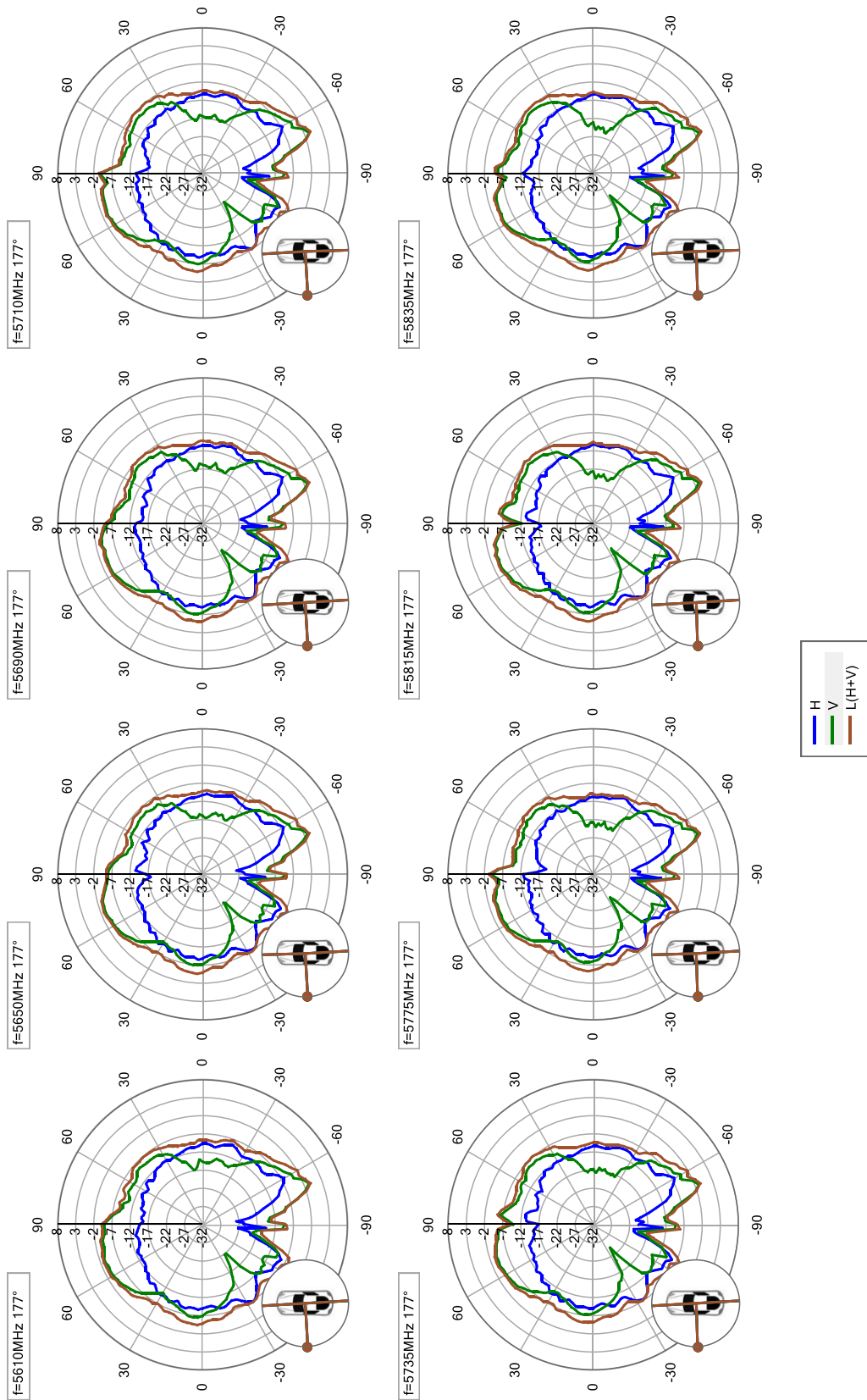


Figure 66 - 180924_WiFi_5.0_GHz, Polar Plot Vertical Cut, Phi=177°

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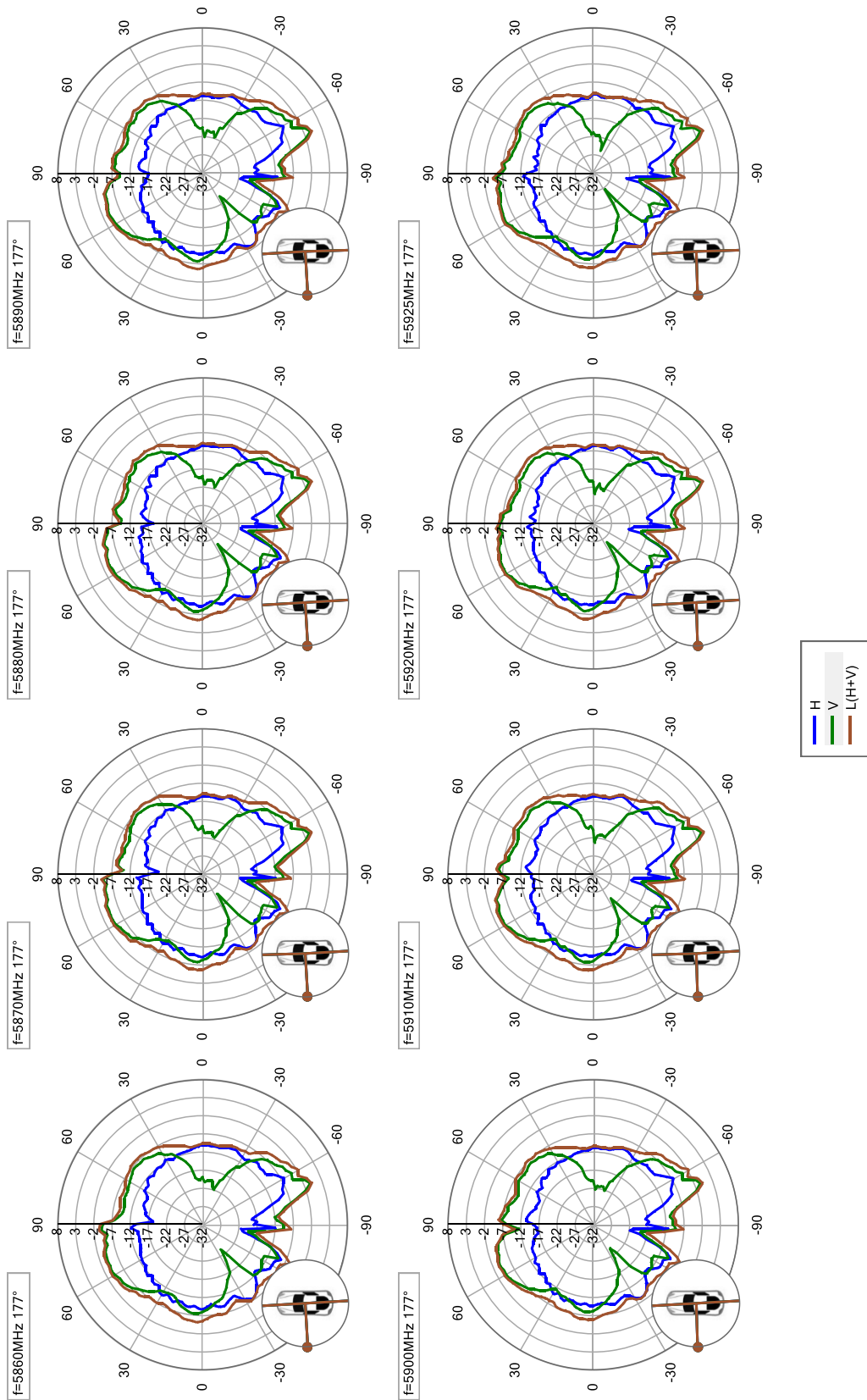
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Figure 67 - 180924_WiFi_5.0_GHz, Polar Plot Vertical Cut, Phi=177°

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Figure 68 - 180924_WiFi_5.0_GHz, Polar Plot Vertical Cut, Phi=177°

2.4 GHz - antenna peak values

H - overall peak				V - overall peak				L(H+V) - overall peak			
f [MHz]	max [dB]	phi [°]	variation [°]	f [MHz]	max [dB]	phi [°]	variation [°]	f [MHz]	max [dB]	phi [°]	variation [°]
2450	3,188348	105	90	2450	3,188348	15	90	2450	3,195835	78	90
H - peak values				V - peak values				L(H+V) - peak values			
f [MHz]	max [dB]	phi [°]	variation [°]	f [MHz]	max [dB]	phi [°]	variation [°]	f [MHz]	max [dB]	phi [°]	variation [°]
2400	1,492573	102	75	2400	1,304822	198	78	2400	1,533341	246	78
2405	1,540438	102	75	2405	1,476355	198	78	2405	1,690545	243	78
2410	1,751621	105	51	2410	1,398088	201	78	2410	1,791718	285	48
2412	1,849496	105	51	2412	1,475658	201	78	2412	1,908131	285	48
2415	1,888805	105	51	2415	1,595397	201	78	2415	1,932928	108	51
2420	1,693944	102	51	2420	1,487818	198	78	2420	1,773502	243	75
2422	1,800156	102	51	2422	1,675469	195	84	2422	1,854726	105	51
2425	2,314319	105	84	2425	2,034983	192	87	2425	2,321559	111	84
2430	2,372054	105	87	2430	2,236821	15	90	2430	2,382362	117	87
2432	2,444599	105	87	2432	2,354201	15	90	2432	2,451234	114	87
2435	2,823833	105	87	2435	2,659562	15	90	2435	2,828856	105	87
2440	2,912991	105	87	2440	2,888816	15	90	2440	2,919949	102	87
2442	2,910169	105	90	2442	2,910169	15	90	2442	2,92198	24	90
2445	3,052531	105	90	2445	3,052531	15	90	2445	3,06288	6	90
2450	3,188348	105	90	2450	3,188348	15	90	2450	3,195835	78	90
2452	3,099899	105	90	2452	3,099899	15	90	2452	3,127081	309	87
2455	3,027588	285	87	2455	2,999614	15	90	2455	3,067313	309	87
2460	2,702413	285	87	2460	2,65325	15	87	2460	2,741569	318	87
2462	2,52842	285	87	2462	2,421351	15	87	2462	2,561699	312	87
2465	2,446323	288	84	2465	2,276903	15	87	2465	2,482118	303	84
2470	2,23053	288	81	2470	1,973658	198	81	2470	2,25935	282	81
2472	2,17538	102	72	2472	1,886165	198	81	2472	2,195078	90	75
2475	2,202612	102	72	2475	1,926969	198	78	2475	2,221955	96	72
2480	2,333557	102	72	2480	2,150273	198	78	2480	2,358037	96	72
2482	2,355684	102	72	2482	2,14971	198	78	2482	2,3767	99	72
2483,5	2,369573	102	72	2483,5	2,160473	198	78	2483,5	2,391216	99	72

5 GHz – antenna peak values

H - overall peak				V - overall peak				L(H+V) - overall peak			
f [MHz]	max [dB]	phi [°]	variation [°]	f [MHz]	max [dB]	phi [°]	variation [°]	f [MHz]	max [dB]	phi [°]	variation [°]
5210	3,326815	306	-66	5910	1,775904	210	-66	5210	4,127516	297	-66
H - peak values				V - peak values				L(H+V) - peak values			
f [MHz]	max [dB]	phi [°]	variation [°]	f [MHz]	max [dB]	phi [°]	variation [°]	f [MHz]	max [dB]	phi [°]	variation [°]
5170	2,481177	306	-66	5170	0,875714	213	-66	5170	3,315399	294	-66
5210	3,326815	306	-66	5210	1,05829	213	-66	5210	4,127516	297	-66
5250	3,120092	306	-66	5250	1,340498	213	-66	5250	3,880004	297	-66
5290	2,81826	306	-66	5290	0,86885	213	-66	5290	3,666406	297	-66
5330	2,755544	306	-66	5330	0,784139	213	-66	5330	3,538009	297	-66
5490	2,190526	306	-66	5490	0,54152	210	-66	5490	2,955099	297	-66
5530	1,988692	309	-66	5530	0,257259	213	-66	5530	2,692581	297	-66
5570	1,782707	309	-66	5570	0,30614	210	-66	5570	2,501134	300	-66
5610	1,688988	306	-66	5610	0,359499	210	-66	5610	2,4468	297	-66
5650	1,483138	306	-66	5650	0,11106	210	-66	5650	2,153981	300	-66
5690	1,050349	306	-66	5690	0,362198	210	-66	5690	1,799278	297	-66
5710	1,253497	306	-66	5710	0,671553	210	-66	5710	1,866753	300	-66
5735	1,243913	306	-66	5735	0,374605	210	-66	5735	1,96095	300	-66
5775	1,033404	306	-66	5775	0,276154	210	-66	5775	1,649204	300	-66
5815	1,047395	306	-66	5815	0,924634	210	-66	5815	1,739616	297	-66
5835	0,970578	306	-66	5835	0,920122	210	-66	5835	1,750698	297	-66
5860	1,229884	306	-66	5860	1,291028	210	-66	5860	1,915474	300	-66
5870	0,94727	306	-66	5870	1,210832	210	-66	5870	1,673794	297	-66
5880	0,985463	306	-66	5880	1,400568	210	-66	5880	1,691342	297	-66
5890	0,859822	306	-66	5890	1,457198	210	-66	5890	1,669419	288	-66
5900	0,666809	306	-66	5900	1,477482	210	-66	5900	1,658985	213	-69
5910	1,0569	306	-66	5910	1,775904	210	-66	5910	1,962952	213	-69
5920	0,901282	306	-66	5920	1,625616	210	-66	5920	1,863416	291	-66
5925	0,704744	306	-66	5925	1,598796	210	-66	5925	1,714012	213	-69