

RF Test Report supplement:

Airspan iB440 to 47CFR15.247

FCC ID: O2J-iB440

SC_TR_150_plots

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Contents

1	Revision History	3
2	Purpose	3
3	Reference Documents	3
4	Maximum Conducted Power	4
4.1	20 MHz channels	4
4.2	40 MHz channel	5
4.3	80 MHz channel	6
5	Restricted Band CSE: 1 - 20 GHz (inc 16.2 – 17.7 GHz)	7
6	Restricted Band RSE:	14

Figures

Figure 1:	Restricted band emissions plots for 20 MHz: 1000 – 5460 MHz	7
Figure 2:	Restricted band emissions plots for 20 MHz: 7250 - 10000 MHz	8
Figure 3:	Restricted band emissions plots for 20 MHz: 10-20 GHz	9
Figure 4:	Restricted band emissions plots for 40 MHz: 1000 – 5460 MHz	10
Figure 5:	Restricted band emissions plots for 40 MHz: 7250 - 10000 MHz	11
Figure 6:	Restricted band emissions plots for 40 MHz: 10-20 GHz	12
Figure 7:	Restricted band emissions plots for 80 MHz	13
Figure 8:	Restricted band emissions plots for 2 nd Harmonic	14
Figure 9:	Restricted band emissions plots for 20 - 40 GHz.....	15

1 Revision History

Revision	Originator	Date	Comment
A	C Blackham	7 Apr 2015	1 st issue

2 Purpose

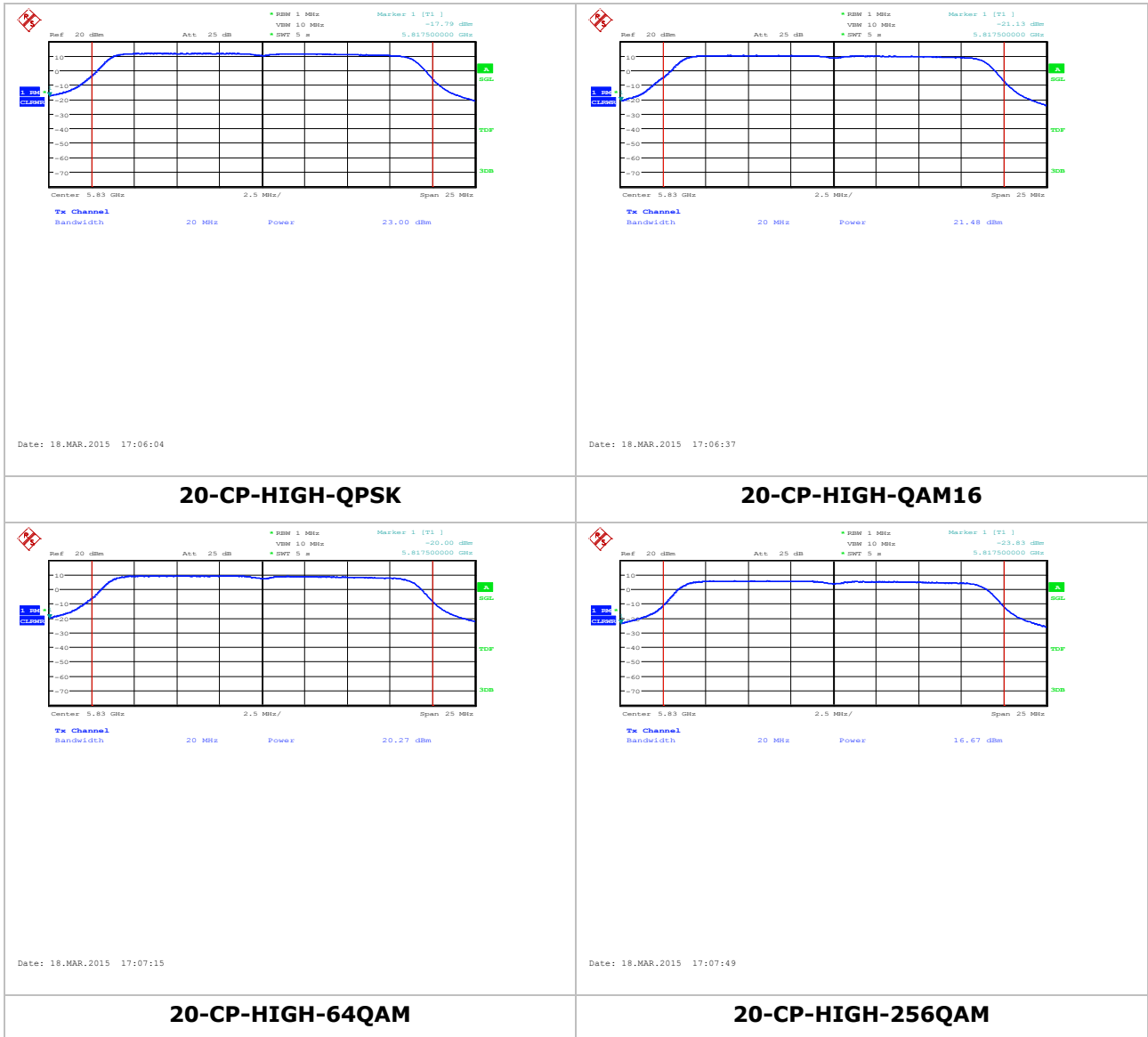
This report contains additional test plots.

3 Reference Documents

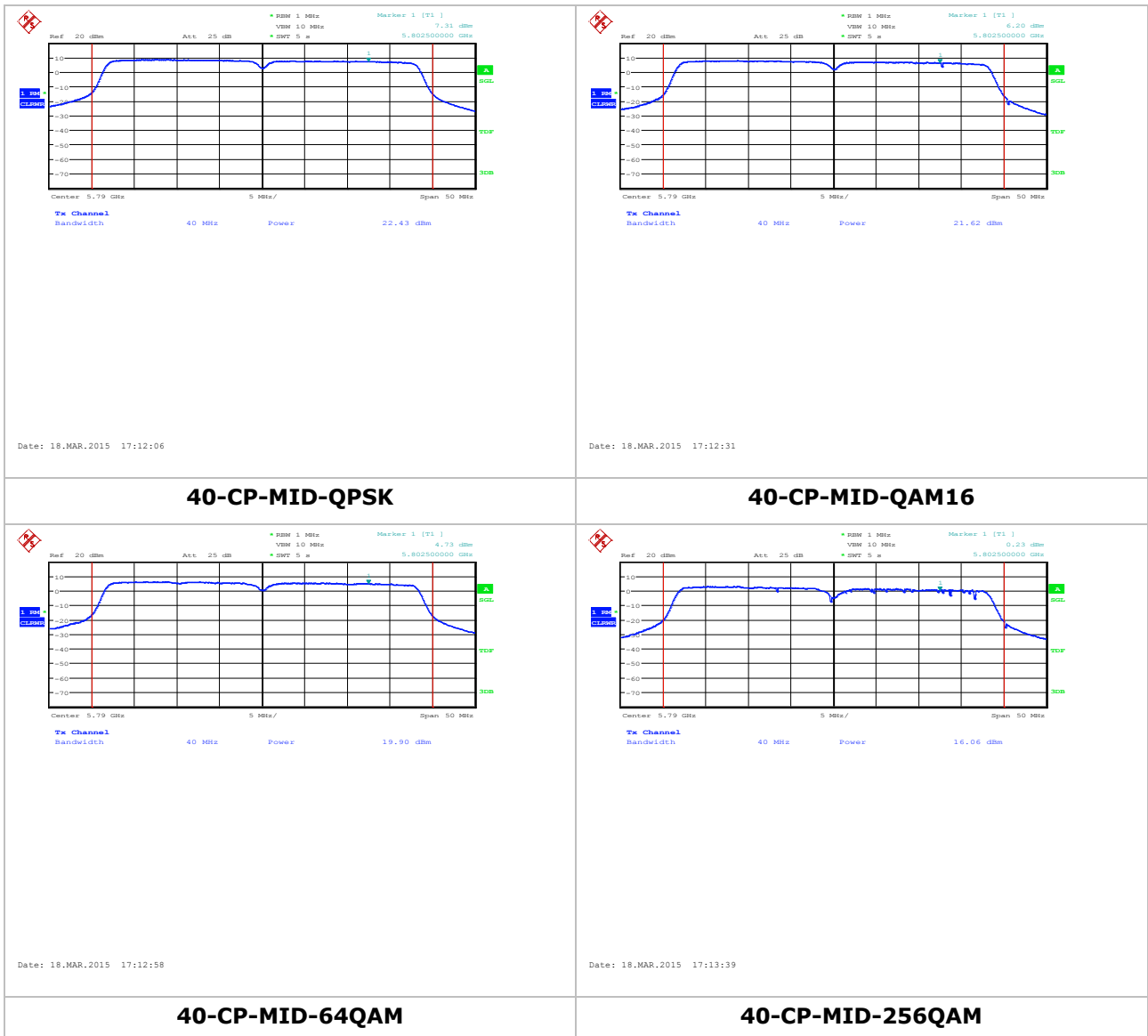
- [1] SC_TR_150_A Sulis Consultants Ltd: RF Test Report: Airspan iB440 to 47CFR15.247 (FCC ID: O2J-iB440)

4 Maximum Conducted Power

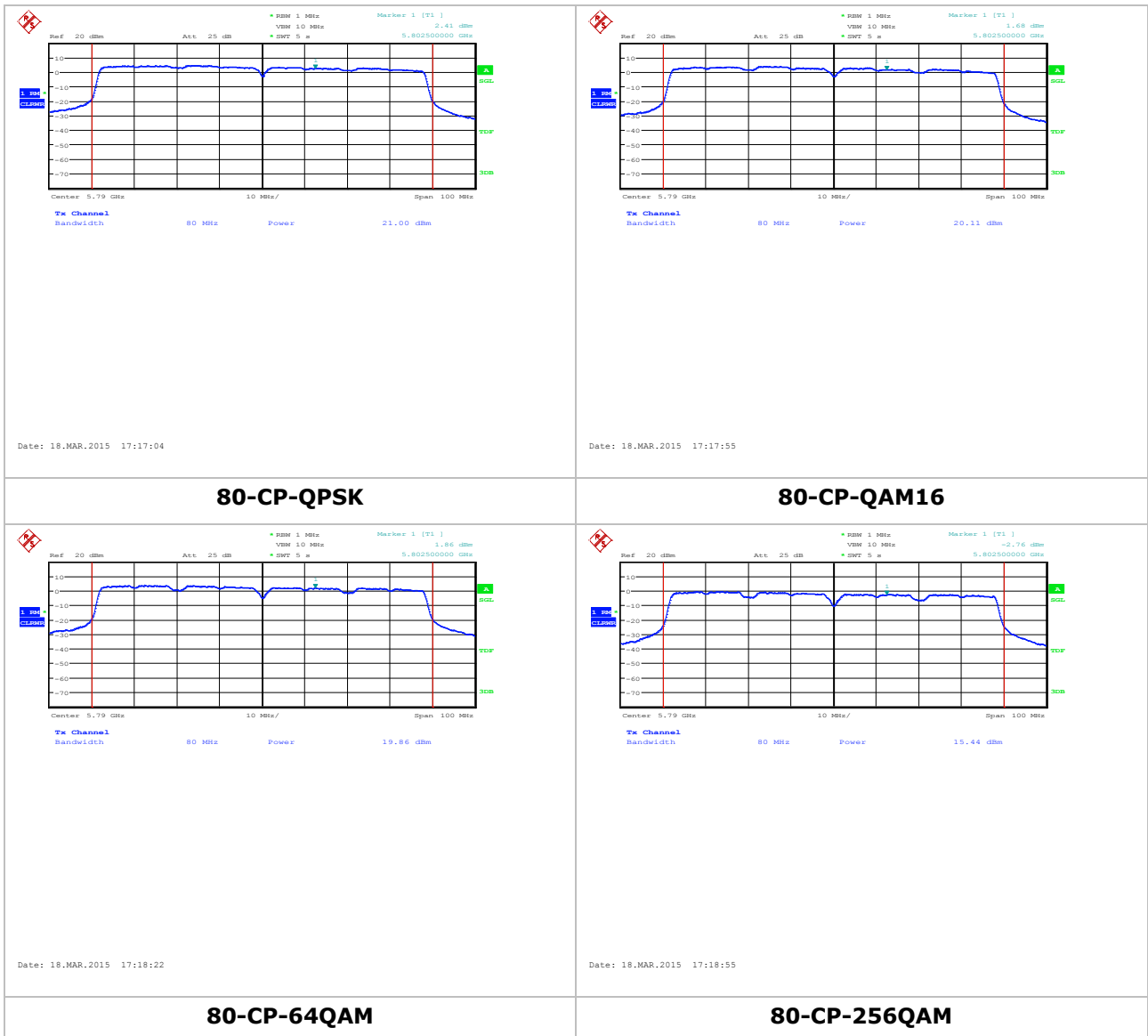
4.1 20 MHz channels



4.2 40 MHz channel



4.3 80 MHz channel



5 Restricted Band CSE: 1 - 20 GHz (inc 16.2 – 17.7 GHz)

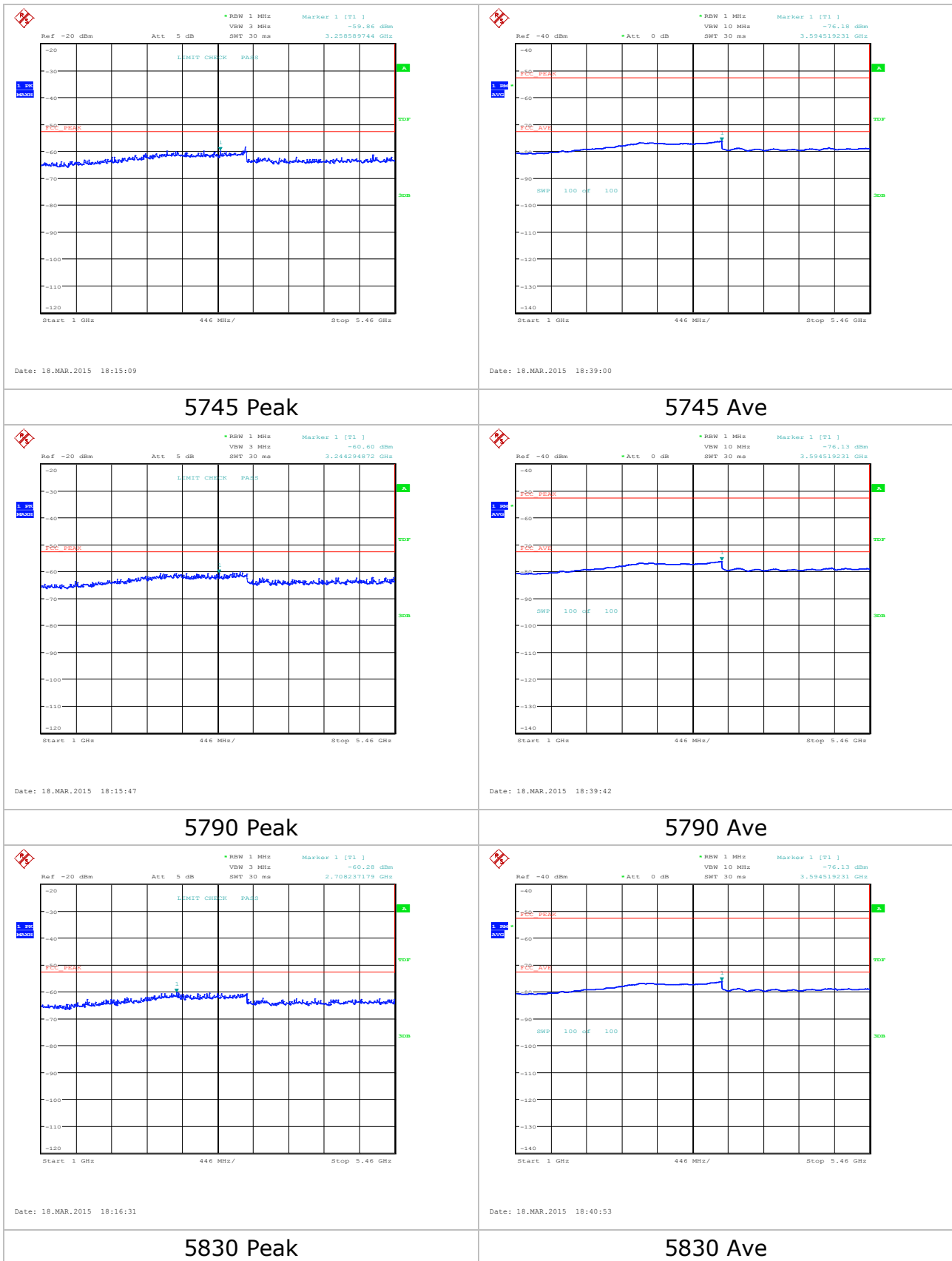


Figure 1: Restricted band emissions plots for 20 MHz: 1000 – 5460 MHz

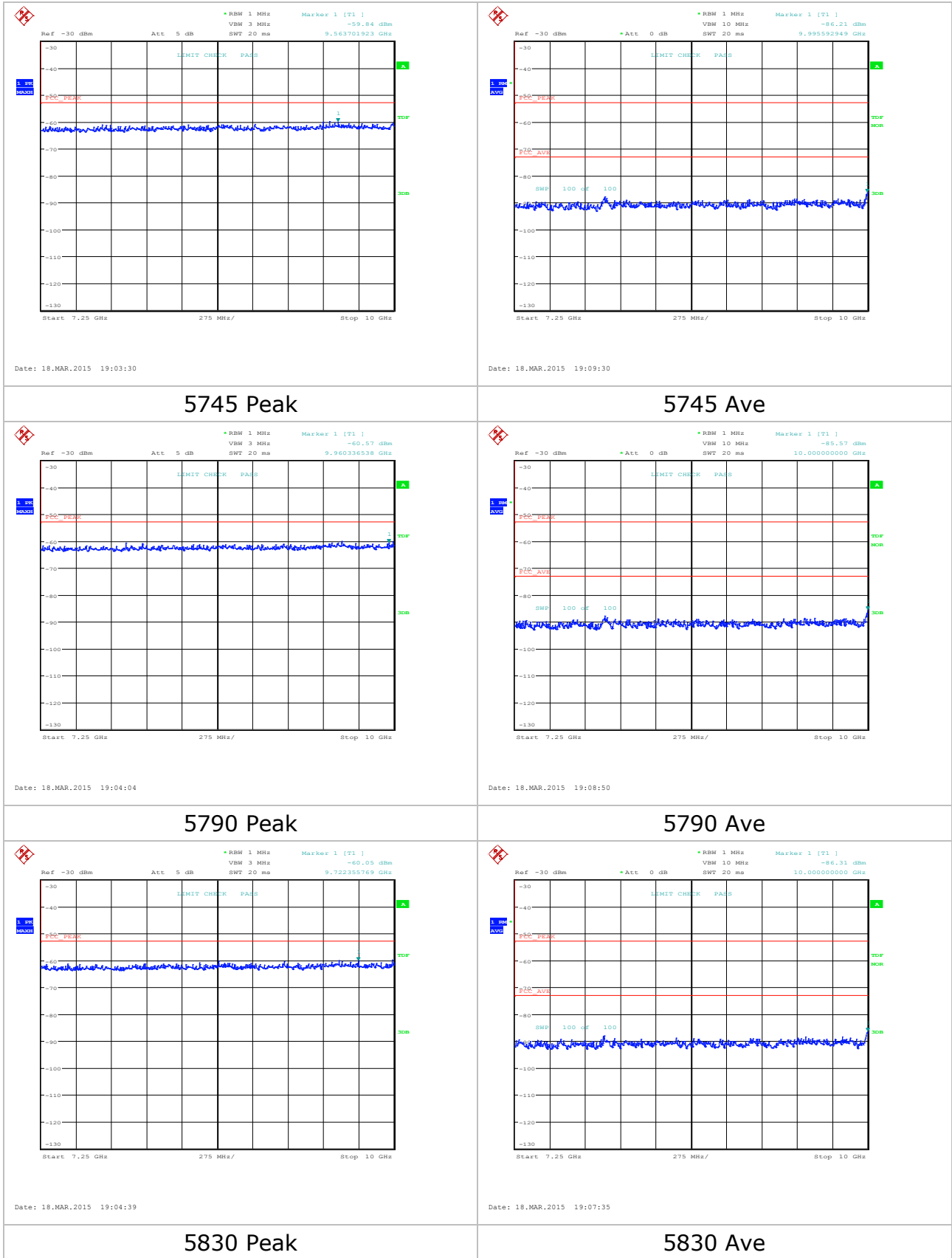


Figure 2: Restricted band emissions plots for 20 MHz: 7250 - 10000 MHz

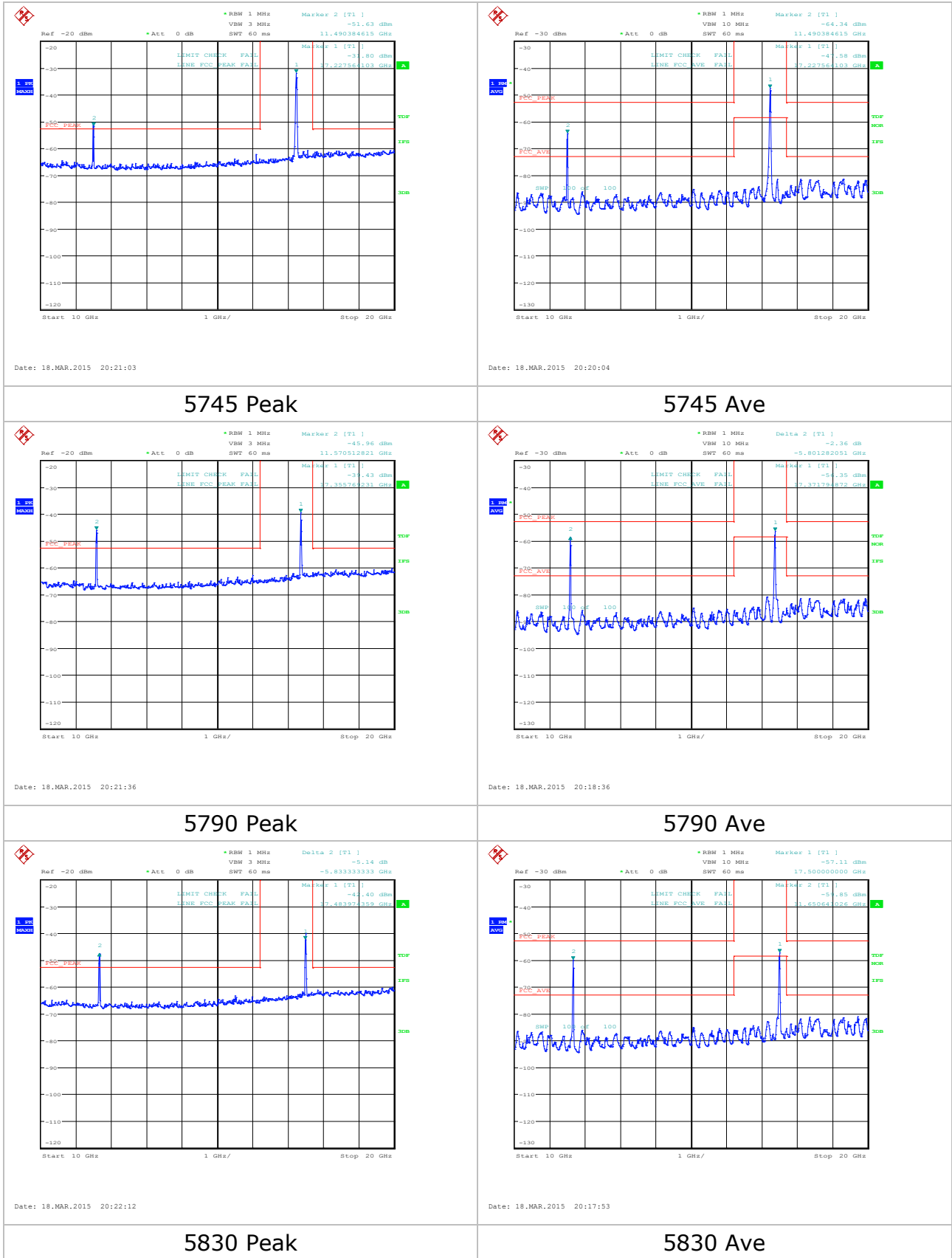


Figure 3: Restricted band emissions plots for 20 MHz: 10-20 GHz

Note: 16.2 to 17.7 GHz is a non-restricted band subject to -30 dBc (RMS) requirements.

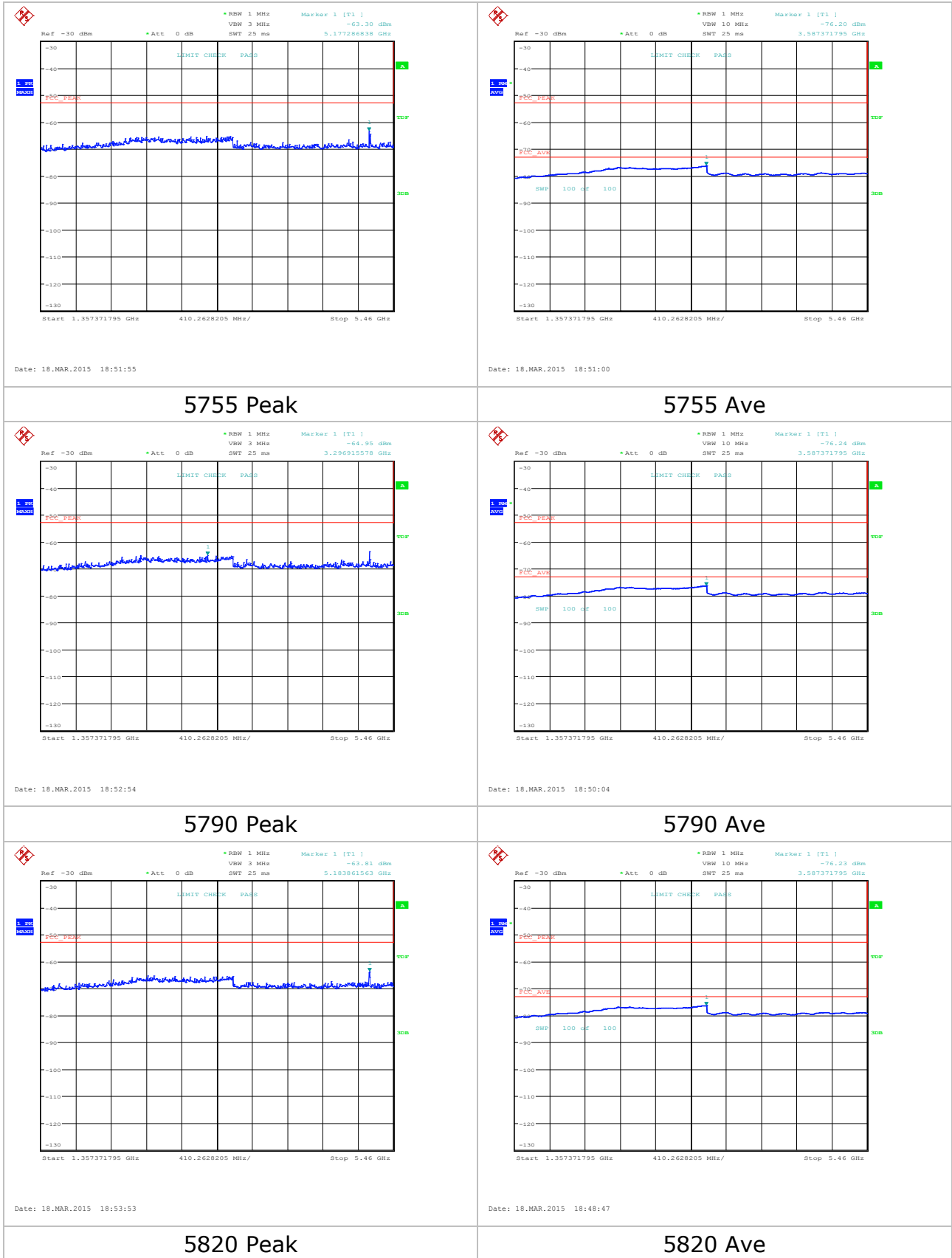


Figure 4: Restricted band emissions plots for 40 MHz: 1000 – 5460 MHz

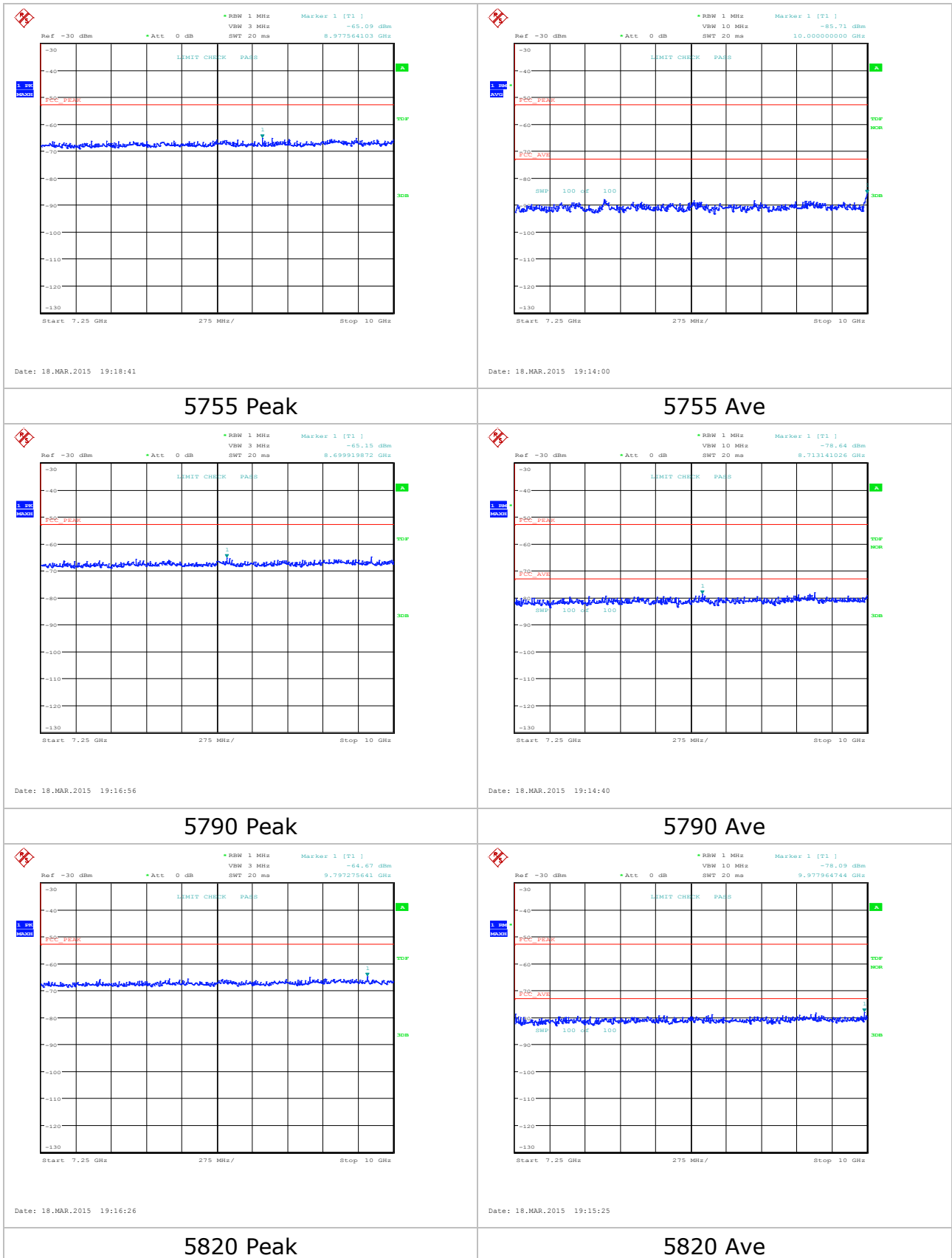


Figure 5: Restricted band emissions plots for 40 MHz: 7250 - 10000 MHz

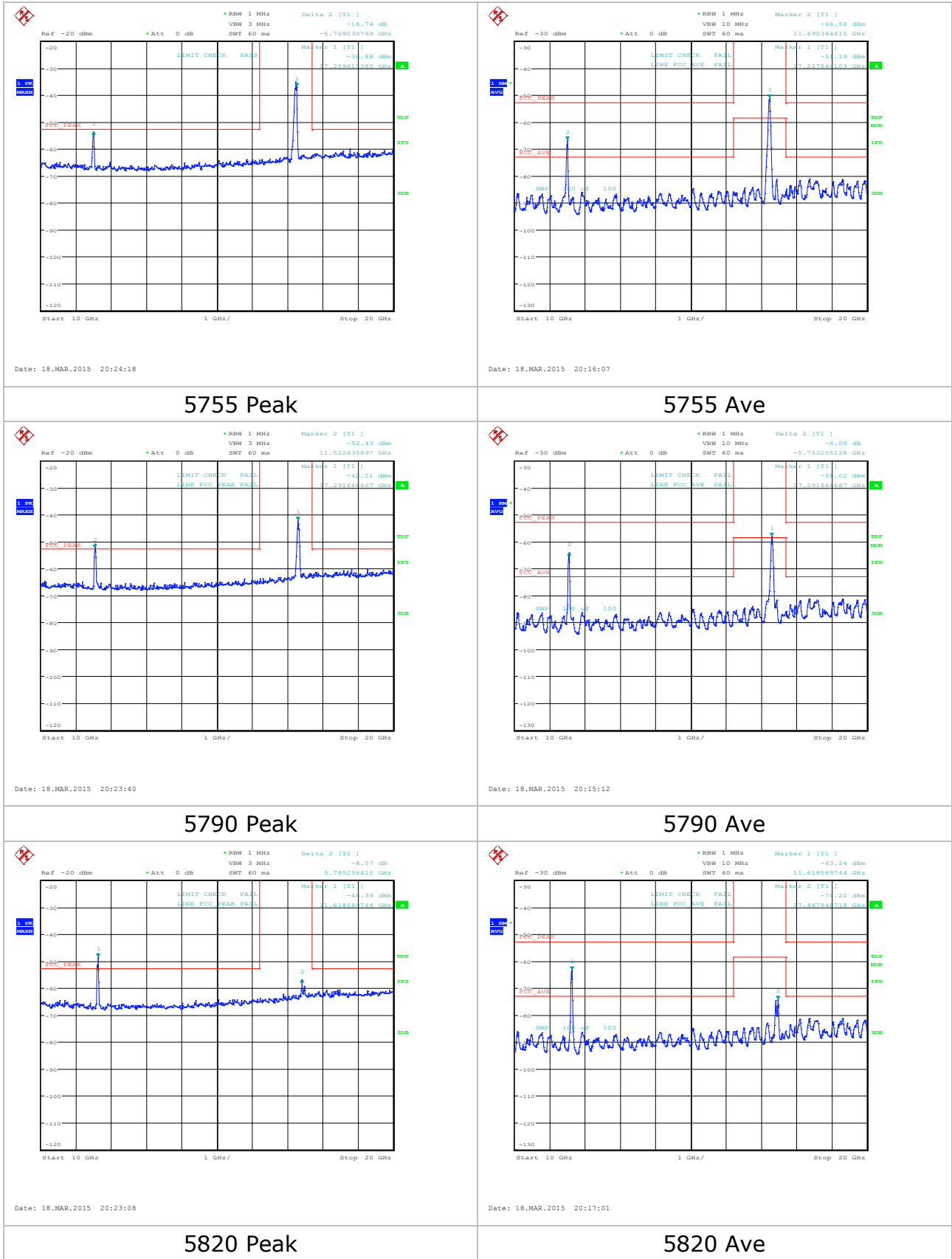


Figure 6: Restricted band emissions plots for 40 MHz: 10-20 GHz

Note: 16.2 to 17.7 GHz is a non-restricted band subject to -30 dBc (RMS) requirements.

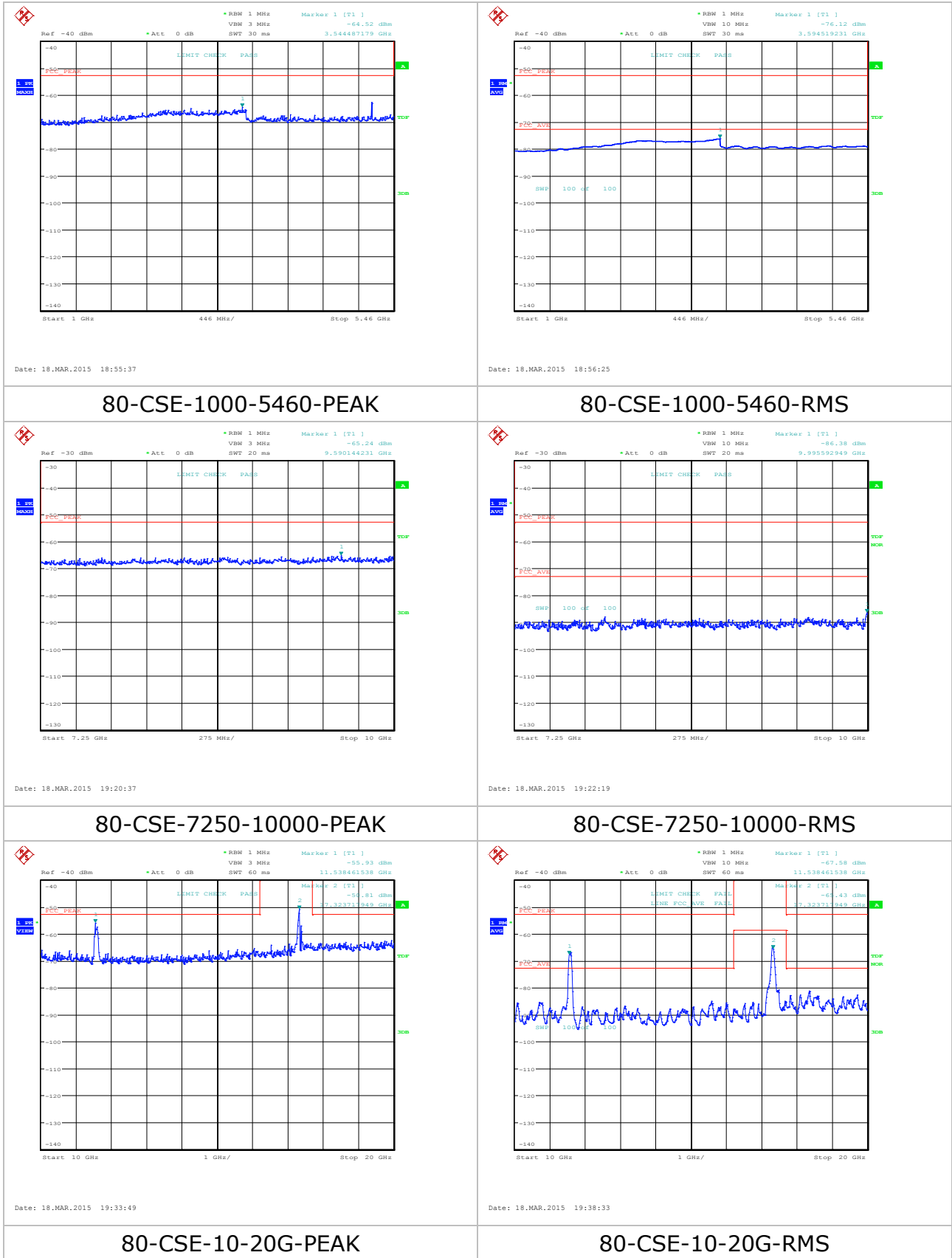


Figure 7: Restricted band emissions plots for 80 MHz

Note: 16.2 to 17.7 GHz is a non-restricted band subject to -30 dBc (RMS) requirements.

6 Restricted Band RSE:

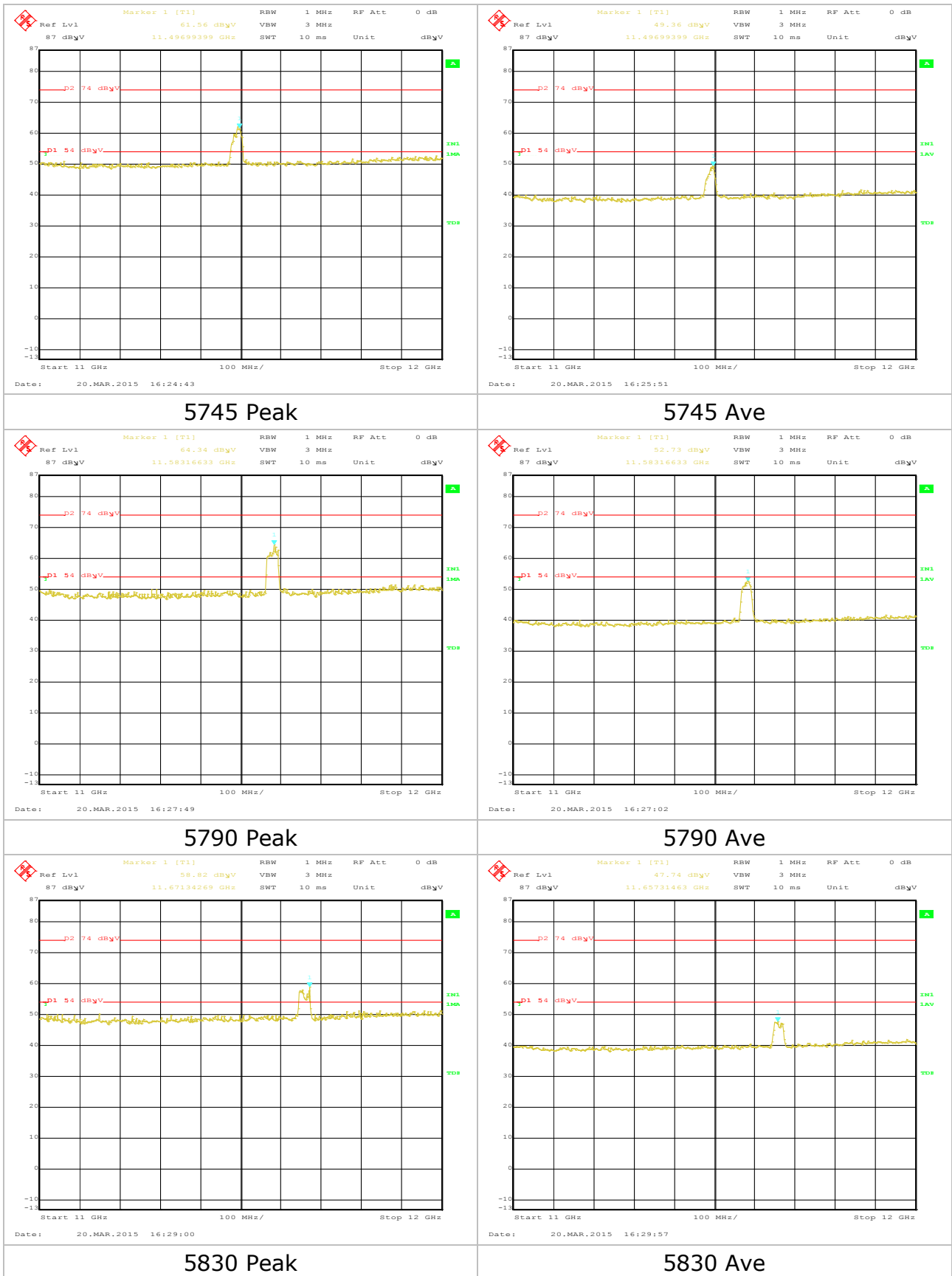


Figure 8: Restricted band emissions plots for 2nd Harmonic

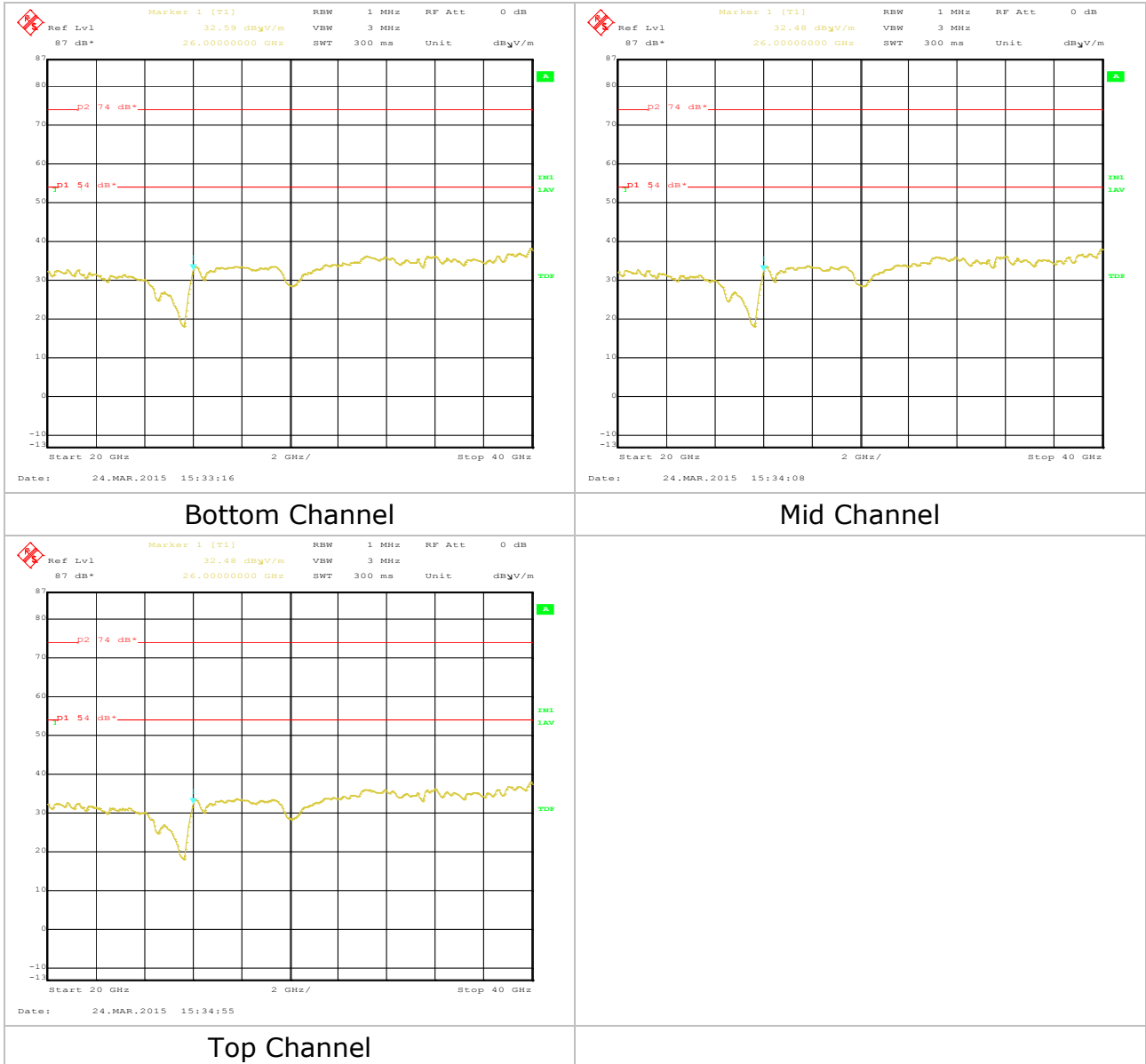


Figure 9: Restricted band emissions plots for 20 - 40 GHz