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Federal Communications Commission
Office of Engineering and Technology
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Confirmation: EL290382
Regarding Reference Number: 5794

Emissions and Necessary Bandwidth for all bands in Experimental Application

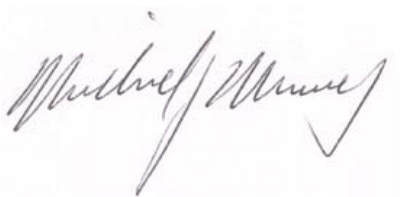
The short term test signals used for radio direction finder calibration and demonstration will include the use of Unmodulated Carrier, CW Telegraphy, SSB Suppressed Carrier, and Narrowband FM.

Band (Action Frequencies)	Emission	Necessary Bandwidth
20.010 – 20.090 MHz	N0N	0K0
	A1A	100
	J3E	2K7
46.600 – 49.900 MHz	N0N	0K0
	A1A	100
	J3E	2K7
	F3E	11K0, 16K0
75.200 – 76.000 MHz	N0N	0K0
	A1A	100
	J3E	2K7
	F3E	11K0, 16K0

148.000 – 149.900 MHz	N0N A1A J3E F3E	0K0 100 2K7 11K0, 16K0
173.400 – 174.000 MHz	N0N A1A J3E F3E	0K0 100 2K7 11K0, 16K0
322.000 – 328.000 MHz	N0N A1A J3E F3E	0K0 100 2K7 11K0, 16K0
454.000 – 455.000 MHz	N0N A1A J3E F3E	0K0 100 2K7 11K0, 16K0
794.000 – 806.000 MHz	N0N F3E	0K0 11K0, 16K0
940.000 – 941.000 MHz	N0N F3E	0K0 11K0, 16K0
1392.000 – 1396.000 MHz	N0N F3E	0K0 11K0, 16K0
1670.000 – 1675.000 MHz	N0N F3E	0K0 11K0, 16K0
1780.000 – 1795.000 kHz	N0N F3E	0K0 11K0, 16K0
2160.000 – 2180.000 MHz	N0N F3E	0K0 11K0, 16K0
2385.000 – 2390.000 MHz	N0N F3E	0K0 11K0, 16K0
3155.000 – 3250.000 kHz	N0N A1A J3E	0K0 100 2K7

4438.000 – 4650.000 kHz	N0N A1A J3E	0K0 100 2K7
4800.000 – 4940.000 MHz	N0N F3E	0K0 11K0, 16K0
6765.000 – 6999.000 kHz	N0N A1A J3E	0K0 100 2K7
10150-11170 kHz	N0N A1A J3E	0K0 100 2K7
14350.000 – 14900.000 kHz	N0N A1A J3E	0K0 100 2K7
29890.000 – 29910.000 kHz	N0N A1A J3E F3E	0K0 100 2K7 11K0, 16K0

Best Regards,



Michael J. Murphy
RF Systems Engineer (COGENG)