



#### Appendix C - Out-of-band/out-of-block emissions (including intermodulation).

#### **Test Data:**

Frequency Band (MHz)	Channel Spacing (kHz)	Signal Level	Worst Test Level (dBm)	Limit (dBm)	Result
406.1-420	6.25kHz	Pre-AGC	-46.964	-13.00	Pass
		3dB Above AGC	-46.044	-13.00	Pass
	12.5kHz	Pre-AGC	-46.006	-13.00	Pass
		3dB Above AGC	-45.994	-13.00	Pass
421-430	6.25kHz	Pre-AGC	-34.958	-13.00	Pass
		3dB Above AGC	-34.716	-13.00	Pass
	12.5kHz	Pre-AGC	-34.089	-13.00	Pass
		3dB Above AGC	-31.904	-13.00	Pass
450-470	6.25kHz	Pre-AGC	-41.941	-13.00	Pass
		3dB Above AGC	-31.848	-13.00	Pass
	12.5kHz	Pre-AGC	-30.250	-13.00	Pass
		3dB Above AGC	-31.751	-13.00	Pass
470-512 (470.05MHz)	6.25kHz	Pre-AGC	-42.055	-13.00	Pass
		3dB Above AGC	-42.901	-13.00	Pass
	12.5kHz	Pre-AGC	-29.532	-13.00	Pass
		3dB Above AGC	-28.278	-13.00	Pass
470-512 (511.95MHz)	6.25kHz	Pre-AGC	-37.386	-13.00	Pass
		3dB Above AGC	-36.246	-13.00	Pass
	12.5kHz	Pre-AGC	-45.471	-13.00	Pass
		3dB Above AGC	-45.203	-13.00	Pass



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# 406.1-420MHz Channel Spacing: 6.25kHz Pre-AGC 3dB above AGC Avg Type: RMS Avg|Hold:>400 Avg Type: RMS Avg|Hold:>100/44 Ref Offset 31.5 dB Ref 31.50 dBm Center Fre Center Fre 416.010000 MH r 416.01000 MHz BW 300 Hz CF St CF Step Freq Offs Scale Typ Scale Typ Channel Spacing: 12.5kHz Pre-AGC 3dB above AGC Avg Type: RMS Avg|Hold:>100/100 Avg Type: RMS Avg|Hold:>100/10 Ref Offset 31.5 dB Ref 41.50 dBm Ref Offset 31.5 dB Ref 41.50 dBm Center Fre 416.010000 MH Center Fre Scale Type



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# 421-430MHz Channel Spacing: 6.25kHz Pre-AGC 3dB above AGC Avg Type: RMS Avg|Hold:>100/ Avg Type: RMS Avg|Hold:>100/44 Ref Offset 31.5 dB Ref 41.50 dBm Ref Offset 31.5 dB Ref 41.50 dBm Center Fre Center Fre CF St CF Step Freq Offs Freq Offs Scale Typ Scale Type Channel Spacing: 12.5kHz Pre-AGC 3dB above AGC Avg Type: RMS Avg|Hold:>100/100 Avg Type: RMS Ref Offset 31.5 dB Ref 41.50 dBm Ref Offset 31.5 dE Ref 41.50 dBm Center Fre 426.988500 MH CF Ste 10.000 ki Scale Typ



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## 450-470MHz Channel Spacing: 6.25kHz Pre-AGC 3dB above AGC Avg Type: RMS Avg|Hold:>4004 Avg Type: RMS Avg|Hold:>10044 Ref Offset 31.5 dB Ref 41.50 dBm Ref Offset 31.5 dB Ref 41.50 dBm Center Fre Center Fre CF Step CF Ste 459.996 9 MHz 25.265 dBm 6.2 kHz (Δ) 1.409 dB 460.021 8 MHz -41.941 dBm Freq Offs Freq Offse Scale Typ Scale Type Channel Spacing: 12.5kHz Pre-AGC 3dB above AGC Avg Type: RMS Avg|Hold:>100/100 Avg Type: RMS Avg|Hold:>100/100 Ref Offset 31.5 dB Ref 41.50 dBm Ref Offset 31.5 dB Ref 41.50 dBm Center Fre Center Fre Scale Type Scale Type



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## 470-512MHz\_(470.05MHz) Channel Spacing: 6.25kHz Pre-AGC 3dB above AGC Avg Type: RMS Avg|Hold: 74/466 Avg Type: RMS Avg|Hold: 100/10 enter Freq 472.990000 MHz Ref Offset 31.5 dB Ref 41.50 dBm Ref Offset 31.5 dB Ref 41.50 dBm Center Fre Center Fre CF Step 10.000 kH CF Step Freq Offs Freq Offse Scale Typ Scale Type Channel Spacing: 12.5kHz Pre-AGC 3dB above AGC Avg Type: RMS Avg|Hold: 100/100 Avg Type: RMS Avg|Hold: 54/100 Ref Offset 31.5 dB Ref 41.50 dBm Ref Offset 31.5 dB Ref 41.50 dBm Center Fre Center Fre 472.990000 MH

Scale Type



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Scale Type





### 470-512MHz\_(511.95MHz) Channel Spacing: 6.25kHz Pre-AGC 3dB above AGC Avg Type: RMS Avg Type: RMS Avg|Hold:>10044 NF | 50 Ω AC | Center Freq 506.090000 MH: Ref Offset 31.5 dB Ref 41.50 dBm Ref Offset 31.5 dB Ref 41.50 dBm Center Fre Center Fre Stop Fre r 506.09000 MHz BW 300 Hz nter 506.09000 MHz es BW 300 Hz CF Step 10.000 kH 506.086 9 MHz 23.727 dBm 6.2 kHz (Δ) 1.260 dB 506.105 6 MHz -36.246 dBm Freq Offse Scale Typ Scale Type Channel Spacing: 12.5kHz Pre-AGC 3dB above AGC Avg Type: RMS Avg|Hold: 100/100 Avg Type: RMS Avg|Hold: 65/100 enter Freg 506.090000 MHz enter Freg 506.090000 MHz Ref Offset 31.5 dB Ref 41.50 dBm Ref Offset 31.5 dB Ref 41.50 dBm Center Fre CF Step 506.083 7 MHz 23.236 dBm 12.5 kHz (Δ) 0.289 dB 506.134 0 MHz -45.471 dBm 506.083 7 MHz 23.281 dBm 12.5 kHz (Δ) 0.233 dB 506.134 0 MHz -45.203 dBm Freq Offse



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