



Appendix I:Spurious Emission On Antenna Port

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TX-DNH	4FSK	CH _L	<table border="1"><caption>Marker Data</caption><thead><tr><th>MKR MODE TRC SCL</th><th>X</th><th>Y</th><th>FUNCTION</th><th>FUNCTION WIDTH</th><th>FUNCTION VALUE</th></tr></thead><tbody><tr><td>1 N 1 f</td><td>439.34 MHz</td><td>-46.663 dBm</td><td></td><td></td><td></td></tr><tr><td>2 N 1 f</td><td>440.31 MHz</td><td>-45.780 dBm</td><td></td><td></td><td></td></tr><tr><td>3 N 1 f</td><td>440.31 MHz</td><td>-46.760 dBm</td><td></td><td></td><td></td></tr><tr><td>4</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>5</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>6</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>7</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>8</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>9</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>10</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>11</td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table>	MKR MODE TRC SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1 N 1 f	439.34 MHz	-46.663 dBm				2 N 1 f	440.31 MHz	-45.780 dBm				3 N 1 f	440.31 MHz	-46.760 dBm				4						5						6						7						8						9						10						11					
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TX-DNH	4FSK	CH _{M1}	 1GHz~10th Harmonic	<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.529937500 GHz</p> <p>Start Freq 1.000000000 GHz</p> <p>Stop Freq 4.059875000 GHz</p> <p>CF Step 305.987500 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>
TX-DNH	4FSK	CH _{M2}	 30MHz~1GHz	<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 515.000000 MHz</p> <p>Start Freq 30.000000 MHz</p> <p>Stop Freq 1.000000000 GHz</p> <p>CF Step 97.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>
TX-DNH	4FSK	CH _{M2}	 1GHz~10th Harmonic	<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.530562500 GHz</p> <p>Start Freq 1.000000000 GHz</p> <p>Stop Freq 4.061125000 GHz</p> <p>CF Step 306.112500 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>



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Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT
TX-DNH	4FSK	CH _{M3}	<p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 515.000000 MHz</p> <p>Start 30.000 MHz Stop 1.0000 GHz</p> <p>#Res BW 100 kHz #VBW 300 kHz Sweep 92.73 ms (1001 pts)</p> <p>Mkr3 438.37 MHz -40.598 dBm</p> <p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 515.000000 MHz</p> <p>Start Freq 30.000000 MHz</p> <p>Stop Freq 1.000000000 GHz</p> <p>CF Step 97.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>
TX-DNH	4FSK	CH _{M3}	<p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 2.690062500 GHz</p> <p>Start 1.0000 GHz Stop 4.380 GHz</p> <p>#Res BW 1.0 MHz #VBW 3.0 MHz Sweep 5.667 ms (1001 pts)</p> <p>Mkr1 1.314 GHz -29.556 dBm</p> <p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.690062500 GHz</p> <p>Start Freq 1.000000000 GHz</p> <p>Stop Freq 4.380125000 GHz</p> <p>CF Step 338.012500 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>
TX-DNH	4FSK	CH _H	<p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 515.000000 MHz</p> <p>Start 30.000 MHz Stop 1.0000 GHz</p> <p>#Res BW 100 kHz #VBW 300 kHz Sweep 92.73 ms (1001 pts)</p> <p>Mkr3 441.28 MHz -46.655 dBm</p> <p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 515.000000 MHz</p> <p>Start Freq 30.000000 MHz</p> <p>Stop Freq 1.000000000 GHz</p> <p>CF Step 97.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>



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TX-DNH	4FSK	CH _H	 1GHz~10th Harmonic	Frequency Auto Tune Center Freq 2.849937500 GHz Start Freq 1.000000000 GHz Stop Freq 4.699875000 GHz CF Step 369.987500 MHz Man Freq Offset 0 Hz
TX-ANH	FM	CH _L	 30MHz~1GHz	Frequency Auto Tune Center Freq 515.000000 MHz Start Freq 30.000000 MHz Stop Freq 1.000000000 GHz CF Step 97.000000 MHz Man Freq Offset 0 Hz
TX-ANH	FM	CH _L	 1GHz~10th Harmonic	Frequency Auto Tune Center Freq 2.500062500 GHz Start Freq 1.000000000 GHz Stop Freq 4.000125000 GHz CF Step 300.012500 MHz Man Freq Offset 0 Hz



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TX-ANH	FM	CH _{M1}	<p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 515.000000 MHz</p> <p>Start 30.000 MHz Stop 1.00000 GHz</p> <p>#VBW 300 kHz Sweep 92.73 ms (1001 pts)</p> <p>Mkr3 444.19 MHz -46.121 dBm</p> <p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 515.000000 MHz</p> <p>Start Freq 30.000000 MHz</p> <p>Stop Freq 1.000000000 GHz</p> <p>CF Step 97.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>
TX-ANH	FM	CH _{M1}	<p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 2.529937500 GHz</p> <p>Start 1.000 GHz Stop 4.060 GHz</p> <p>#Res BW 1.0 MHz #VBW 3.0 MHz Sweep 5.133 ms (1001 pts)</p> <p>Mkr1 1.217 GHz -30.230 dBm</p> <p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.529937500 GHz</p> <p>Start Freq 1.000000000 GHz</p> <p>Stop Freq 4.059675000 GHz</p> <p>CF Step 305.987500 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>
TX-ANH	FM	CH _{M2}	<p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 515.000000 MHz</p> <p>Start 30.000 MHz Stop 1.00000 GHz</p> <p>#VBW 300 kHz Sweep 92.73 ms (1001 pts)</p> <p>Mkr3 440.31 MHz -45.677 dBm</p> <p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 515.000000 MHz</p> <p>Start Freq 30.000000 MHz</p> <p>Stop Freq 1.000000000 GHz</p> <p>CF Step 97.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>



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TX-ANH	FM	CH _{M2}		
			1GHz~10th Harmonic	
TX-ANH	FM	CH _{M3}		
			30MHz~1GHz	
TX-ANH	FM	CH _{M3}		
			1GHz~10th Harmonic	



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TX-ANH	FM	CH _H	<p>The screenshot shows an Agilent Spectrum Analyzer interface. The center frequency is set to 515.000000 MHz. The plot displays a single sharp peak labeled 'Mkr3' at 442.25 MHz with a power level of -44.722 dBm. The spectrum spans from 30.0000 MHz to 1.0000 GHz. The measurement parameters are: Start 30.000 MHz, Stop 1.0000 GHz, #VBW 300 kHz, Sweep 92.73 ms (1001 pts). The marker table shows the following data:</p> <table border="1"><thead><tr><th>MKR MODE TRC SCL</th><th>X</th><th>Y</th><th>FUNCTION</th><th>FUNCTION WIDTH</th><th>FUNCTION VALUE</th></tr></thead><tbody><tr><td>1 N 1 f</td><td>442.25 MHz</td><td>-44.722 dBm</td><td></td><td></td><td></td></tr><tr><td>2 N 1 f</td><td>442.25 MHz</td><td>-44.722 dBm</td><td></td><td></td><td></td></tr><tr><td>3 N 1 f</td><td>442.25 MHz</td><td>-44.722 dBm</td><td></td><td></td><td></td></tr><tr><td>4</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>5</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>6</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>7</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>8</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>9</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>10</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>11</td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table> <p>MSG: No Peak Found STATUS</p> <p>30MHz~1GHz</p>	MKR MODE TRC SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1 N 1 f	442.25 MHz	-44.722 dBm				2 N 1 f	442.25 MHz	-44.722 dBm				3 N 1 f	442.25 MHz	-44.722 dBm				4						5						6						7						8						9						10						11					
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TX-ANH	FM	CH _H	<p>The screenshot shows an Agilent Spectrum Analyzer interface. The center frequency is set to 2.849937500 GHz. The plot displays a single sharp peak labeled 'Mkr1' at 1.411 GHz with a power level of -34.743 dBm. The spectrum spans from 1.0000 GHz to 4.700 GHz. The measurement parameters are: Start 1.000 GHz, Stop 4.700 GHz, #Res BW 1.0 MHz, #VBW 3.0 MHz, Sweep 6.200 ms (1001 pts). The measurement status message indicates: File <Temp.png> saved.</p> <p>MSG: File <Temp.png> saved STATUS</p> <p>1GHz~10th Harmonic</p>																																																																								

----End of Report----