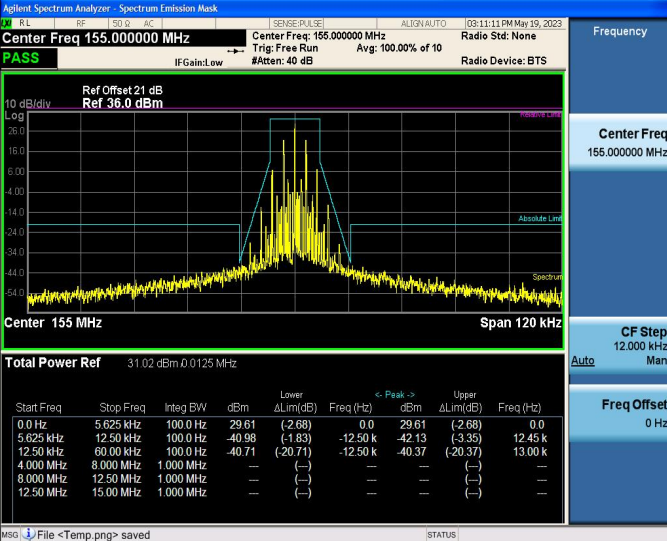
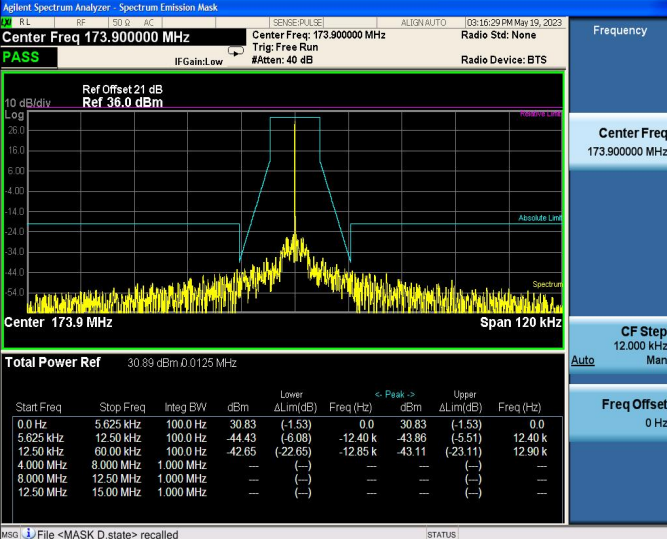
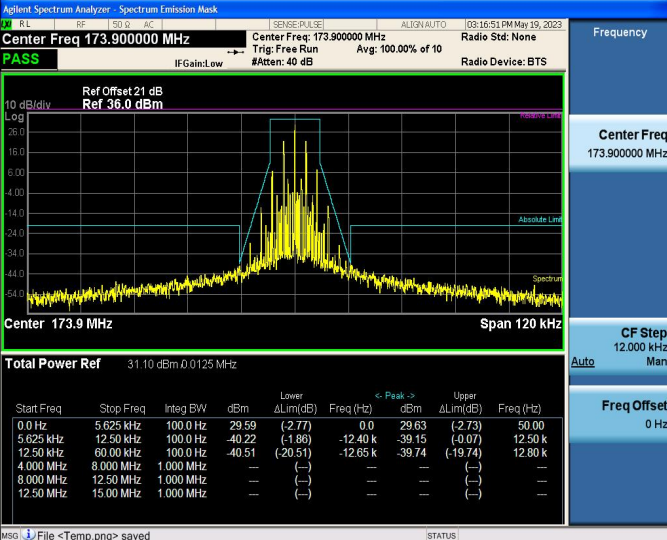


Appendix C:Emission Mask

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																															
TX-ANL	FM	CH _L	<p>Agilent Spectrum Analyzer - Spectrum Emission Mask</p> <p>Center Freq 136.100000 MHz</p> <p>Ref Offset 21 dB Ref 36.0 dBm</p> <p>Total Power Ref 31.03 dBm @ 0.125 MHz</p> <table border="1"> <thead> <tr> <th>Start Freq</th> <th>Stop Freq</th> <th>Integ BW</th> <th>dBm</th> <th>Lower ΔLim(dB)</th> <th>Freq (Hz)</th> <th>< Peak > dBm</th> <th>Upper ΔLim(dB)</th> <th>Freq (Hz)</th> </tr> </thead> <tbody> <tr> <td>0.0 Hz</td> <td>5.625 kHz</td> <td>100.0 Hz</td> <td>31.00</td> <td>(-1.39)</td> <td>0.0</td> <td>31.00</td> <td>(-1.39)</td> <td>0.0</td> </tr> <tr> <td>5.625 kHz</td> <td>12.50 kHz</td> <td>100.0 Hz</td> <td>-43.44</td> <td>(-4.78)</td> <td>-12.45 k</td> <td>-43.18</td> <td>(-4.50)</td> <td>12.46 k</td> </tr> <tr> <td>12.50 kHz</td> <td>60.00 kHz</td> <td>100.0 Hz</td> <td>-43.17</td> <td>(-23.17)</td> <td>-13.85 k</td> <td>-42.84</td> <td>(-22.84)</td> <td>13.85 k</td> </tr> <tr> <td>4.000 MHz</td> <td>8.000 MHz</td> <td>1.000 MHz</td> <td>-</td> <td>(-)</td> <td>-</td> <td>-</td> <td>(-)</td> <td>-</td> </tr> <tr> <td>8.000 MHz</td> <td>12.50 MHz</td> <td>1.000 MHz</td> <td>-</td> <td>(-)</td> <td>-</td> <td>-</td> <td>(-)</td> <td>-</td> </tr> <tr> <td>12.50 MHz</td> <td>15.00 MHz</td> <td>1.000 MHz</td> <td>-</td> <td>(-)</td> <td>-</td> <td>-</td> <td>(-)</td> <td>-</td> </tr> </tbody> </table>	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	31.00	(-1.39)	0.0	31.00	(-1.39)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-43.44	(-4.78)	-12.45 k	-43.18	(-4.50)	12.46 k	12.50 kHz	60.00 kHz	100.0 Hz	-43.17	(-23.17)	-13.85 k	-42.84	(-22.84)	13.85 k	4.000 MHz	8.000 MHz	1.000 MHz	-	(-)	-	-	(-)	-	8.000 MHz	12.50 MHz	1.000 MHz	-	(-)	-	-	(-)	-	12.50 MHz	15.00 MHz	1.000 MHz	-	(-)	-	-	(-)	-
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TX-ANL	FM	CH _L	<p>Agilent Spectrum Analyzer - Spectrum Emission Mask</p> <p>Center Freq 136.100000 MHz</p> <p>Ref Offset 21 dB Ref 36.0 dBm</p> <p>Total Power Ref 31.20 dBm @ 0.125 MHz</p> <table border="1"> <thead> <tr> <th>Start Freq</th> <th>Stop Freq</th> <th>Integ BW</th> <th>dBm</th> <th>Lower ΔLim(dB)</th> <th>Freq (Hz)</th> <th>< Peak > dBm</th> <th>Upper ΔLim(dB)</th> <th>Freq (Hz)</th> </tr> </thead> <tbody> <tr> <td>0.0 Hz</td> <td>5.625 kHz</td> <td>100.0 Hz</td> <td>29.77</td> <td>(-2.62)</td> <td>0.0</td> <td>29.77</td> <td>(-2.62)</td> <td>0.0</td> </tr> <tr> <td>5.625 kHz</td> <td>12.50 kHz</td> <td>100.0 Hz</td> <td>-42.49</td> <td>(-3.44)</td> <td>-12.50 k</td> <td>-39.34</td> <td>(-0.30)</td> <td>12.50 k</td> </tr> <tr> <td>12.50 kHz</td> <td>60.00 kHz</td> <td>100.0 Hz</td> <td>-40.94</td> <td>(-20.94)</td> <td>-12.75 k</td> <td>-36.83</td> <td>(-16.83)</td> <td>12.55 k</td> </tr> <tr> <td>4.000 MHz</td> <td>8.000 MHz</td> <td>1.000 MHz</td> <td>-</td> <td>(-)</td> <td>-</td> <td>-</td> <td>(-)</td> <td>-</td> </tr> <tr> <td>8.000 MHz</td> <td>12.50 MHz</td> <td>1.000 MHz</td> <td>-</td> <td>(-)</td> <td>-</td> <td>-</td> <td>(-)</td> <td>-</td> </tr> <tr> <td>12.50 MHz</td> <td>15.00 MHz</td> <td>1.000 MHz</td> <td>-</td> <td>(-)</td> <td>-</td> <td>-</td> <td>(-)</td> <td>-</td> </tr> </tbody> </table>	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	29.77	(-2.62)	0.0	29.77	(-2.62)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-42.49	(-3.44)	-12.50 k	-39.34	(-0.30)	12.50 k	12.50 kHz	60.00 kHz	100.0 Hz	-40.94	(-20.94)	-12.75 k	-36.83	(-16.83)	12.55 k	4.000 MHz	8.000 MHz	1.000 MHz	-	(-)	-	-	(-)	-	8.000 MHz	12.50 MHz	1.000 MHz	-	(-)	-	-	(-)	-	12.50 MHz	15.00 MHz	1.000 MHz	-	(-)	-	-	(-)	-
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TX-ANL	FM	CH _M	<p>Agilent Spectrum Analyzer - Spectrum Emission Mask</p> <p>Center Freq 155.000000 MHz</p> <p>Ref Offset 21 dB Ref 36.0 dBm</p> <p>Total Power Ref 30.86 dBm @ 0.125 MHz</p> <table border="1"> <thead> <tr> <th>Start Freq</th> <th>Stop Freq</th> <th>Integ BW</th> <th>dBm</th> <th>Lower ΔLim(dB)</th> <th>Freq (Hz)</th> <th>< Peak > dBm</th> <th>Upper ΔLim(dB)</th> <th>Freq (Hz)</th> </tr> </thead> <tbody> <tr> <td>0.0 Hz</td> <td>5.625 kHz</td> <td>100.0 Hz</td> <td>30.85</td> <td>(-1.44)</td> <td>0.0</td> <td>30.85</td> <td>(-1.44)</td> <td>0.0</td> </tr> <tr> <td>5.625 kHz</td> <td>12.50 kHz</td> <td>100.0 Hz</td> <td>-46.81</td> <td>(-9.84)</td> <td>-12.20 k</td> <td>-45.95</td> <td>(-8.98)</td> <td>12.20 k</td> </tr> <tr> <td>12.50 kHz</td> <td>60.00 kHz</td> <td>100.0 Hz</td> <td>-42.30</td> <td>(-22.30)</td> <td>-15.35 k</td> <td>-42.80</td> <td>(-22.80)</td> <td>15.40 k</td> </tr> <tr> <td>4.000 MHz</td> <td>8.000 MHz</td> <td>1.000 MHz</td> <td>-</td> <td>(-)</td> <td>-</td> <td>-</td> <td>(-)</td> <td>-</td> </tr> <tr> <td>8.000 MHz</td> <td>12.50 MHz</td> <td>1.000 MHz</td> <td>-</td> <td>(-)</td> <td>-</td> <td>-</td> <td>(-)</td> <td>-</td> </tr> <tr> <td>12.50 MHz</td> <td>15.00 MHz</td> <td>1.000 MHz</td> <td>-</td> <td>(-)</td> <td>-</td> <td>-</td> <td>(-)</td> <td>-</td> </tr> </tbody> </table>	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	30.85	(-1.44)	0.0	30.85	(-1.44)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-46.81	(-9.84)	-12.20 k	-45.95	(-8.98)	12.20 k	12.50 kHz	60.00 kHz	100.0 Hz	-42.30	(-22.30)	-15.35 k	-42.80	(-22.80)	15.40 k	4.000 MHz	8.000 MHz	1.000 MHz	-	(-)	-	-	(-)	-	8.000 MHz	12.50 MHz	1.000 MHz	-	(-)	-	-	(-)	-	12.50 MHz	15.00 MHz	1.000 MHz	-	(-)	-	-	(-)	-
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Appendix C:Emission Mask

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TX-ANL	FM	CH _M	 <p>Agilent Spectrum Analyzer - Spectrum Emission Mask</p> <p>Center Freq 155.000000 MHz Center Freq: 155.000000 MHz Radio Std: None</p> <p>Ref Offset 21 dB Ref 36.0 dBm</p> <p>Total Power Ref 31.02 dBm @ 0.125 MHz</p> <table border="1"> <thead> <tr> <th>Start Freq</th> <th>Stop Freq</th> <th>Integ BW</th> <th>dBm</th> <th>Lower ΔLim(dB)</th> <th>Freq (Hz)</th> <th>< Peak > dBm</th> <th>Upper ΔLim(dB)</th> <th>Freq (Hz)</th> </tr> </thead> <tbody> <tr> <td>0.0 Hz</td> <td>5.625 kHz</td> <td>100.0 Hz</td> <td>29.61</td> <td>(-2.68)</td> <td>0.0</td> <td>29.61</td> <td>(-2.68)</td> <td>0.0</td> </tr> <tr> <td>5.625 kHz</td> <td>12.50 kHz</td> <td>100.0 Hz</td> <td>-40.98</td> <td>(-1.88)</td> <td>-12.50 k</td> <td>-42.13</td> <td>(-3.35)</td> <td>12.46 k</td> </tr> <tr> <td>12.50 kHz</td> <td>60.00 kHz</td> <td>100.0 Hz</td> <td>-40.71</td> <td>(-20.71)</td> <td>-12.50 k</td> <td>-40.37</td> <td>(-20.37)</td> <td>13.00 k</td> </tr> <tr> <td>4.000 MHz</td> <td>8.000 MHz</td> <td>1.000 MHz</td> <td>—</td> <td>(—)</td> <td>—</td> <td>—</td> <td>(—)</td> <td>—</td> </tr> <tr> <td>8.000 MHz</td> <td>12.50 MHz</td> <td>1.000 MHz</td> <td>—</td> <td>(—)</td> <td>—</td> <td>—</td> <td>(—)</td> <td>—</td> </tr> <tr> <td>12.50 MHz</td> <td>15.00 MHz</td> <td>1.000 MHz</td> <td>—</td> <td>(—)</td> <td>—</td> <td>—</td> <td>(—)</td> <td>—</td> </tr> </tbody> </table>	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	29.61	(-2.68)	0.0	29.61	(-2.68)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-40.98	(-1.88)	-12.50 k	-42.13	(-3.35)	12.46 k	12.50 kHz	60.00 kHz	100.0 Hz	-40.71	(-20.71)	-12.50 k	-40.37	(-20.37)	13.00 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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TX-ANL	FM	CH _H	 <p>Agilent Spectrum Analyzer - Spectrum Emission Mask</p> <p>Center Freq 173.900000 MHz Center Freq: 173.900000 MHz Radio Std: None</p> <p>Ref Offset 21 dB Ref 36.0 dBm</p> <p>Total Power Ref 30.89 dBm @ 0.125 MHz</p> <table border="1"> <thead> <tr> <th>Start Freq</th> <th>Stop Freq</th> <th>Integ BW</th> <th>dBm</th> <th>Lower ΔLim(dB)</th> <th>Freq (Hz)</th> <th>< Peak > dBm</th> <th>Upper ΔLim(dB)</th> <th>Freq (Hz)</th> </tr> </thead> <tbody> <tr> <td>0.0 Hz</td> <td>5.625 kHz</td> <td>100.0 Hz</td> <td>30.83</td> <td>(-1.53)</td> <td>0.0</td> <td>30.83</td> <td>(-1.53)</td> <td>0.0</td> </tr> <tr> <td>5.625 kHz</td> <td>12.50 kHz</td> <td>100.0 Hz</td> <td>-44.43</td> <td>(-6.08)</td> <td>-12.40 k</td> <td>-43.86</td> <td>(-5.51)</td> <td>12.40 k</td> </tr> <tr> <td>12.50 kHz</td> <td>60.00 kHz</td> <td>100.0 Hz</td> <td>-42.65</td> <td>(-22.65)</td> <td>-12.85 k</td> <td>-43.11</td> <td>(-23.11)</td> <td>12.90 k</td> </tr> <tr> <td>4.000 MHz</td> <td>8.000 MHz</td> <td>1.000 MHz</td> <td>—</td> <td>(—)</td> <td>—</td> <td>—</td> <td>(—)</td> <td>—</td> </tr> <tr> <td>8.000 MHz</td> <td>12.50 MHz</td> <td>1.000 MHz</td> <td>—</td> <td>(—)</td> <td>—</td> <td>—</td> <td>(—)</td> <td>—</td> </tr> <tr> <td>12.50 MHz</td> <td>15.00 MHz</td> <td>1.000 MHz</td> <td>—</td> <td>(—)</td> <td>—</td> <td>—</td> <td>(—)</td> <td>—</td> </tr> </tbody> </table>	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	5.625 kHz	100.0 Hz	30.83	(-1.53)	0.0	30.83	(-1.53)	0.0	5.625 kHz	12.50 kHz	100.0 Hz	-44.43	(-6.08)	-12.40 k	-43.86	(-5.51)	12.40 k	12.50 kHz	60.00 kHz	100.0 Hz	-42.65	(-22.65)	-12.85 k	-43.11	(-23.11)	12.90 k	4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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5.625 kHz	12.50 kHz	100.0 Hz	-40.22	(-1.86)	-12.40 k	-39.15	(-0.07)	12.50 k																																																										
12.50 kHz	60.00 kHz	100.0 Hz	-40.51	(-20.51)	-12.65 k	-39.74	(-19.74)	12.80 k																																																										
4.000 MHz	8.000 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																										

Appendix D:Modulation Limit

Operation Mode	Modulation Type	Test Channel	Modulation Level (dB)	Peak frequency deviation (kHz)				Limit (kHz)	Result
				300Hz	1004Hz	1500Hz	2500 Hz		
TX-ANH	FM	CH _M	-20	0.093	0.206	0.264	0.374	2.5	PASS
TX-ANH	FM	CH _M	-15	0.152	0.310	0.433	0.623	2.5	PASS
TX-ANH	FM	CH _M	-10	0.182	0.511	0.732	1.080	2.5	PASS
TX-ANH	FM	CH _M	-5	0.295	0.877	1.277	1.701	2.5	PASS
TX-ANH	FM	CH _M	0	0.477	1.535	1.821	1.823	2.5	PASS
TX-ANH	FM	CH _M	5	0.823	1.980	1.948	1.920	2.5	PASS
TX-ANH	FM	CH _M	10	1.447	2.200	1.990	1.976	2.5	PASS
TX-ANH	FM	CH _M	15	1.764	2.234	1.980	1.991	2.5	PASS
TX-ANH	FM	CH _M	20	1.668	2.244	1.996	1.991	2.5	PASS

Appendix D:Modulation Limit

TEST PLOT RESULT

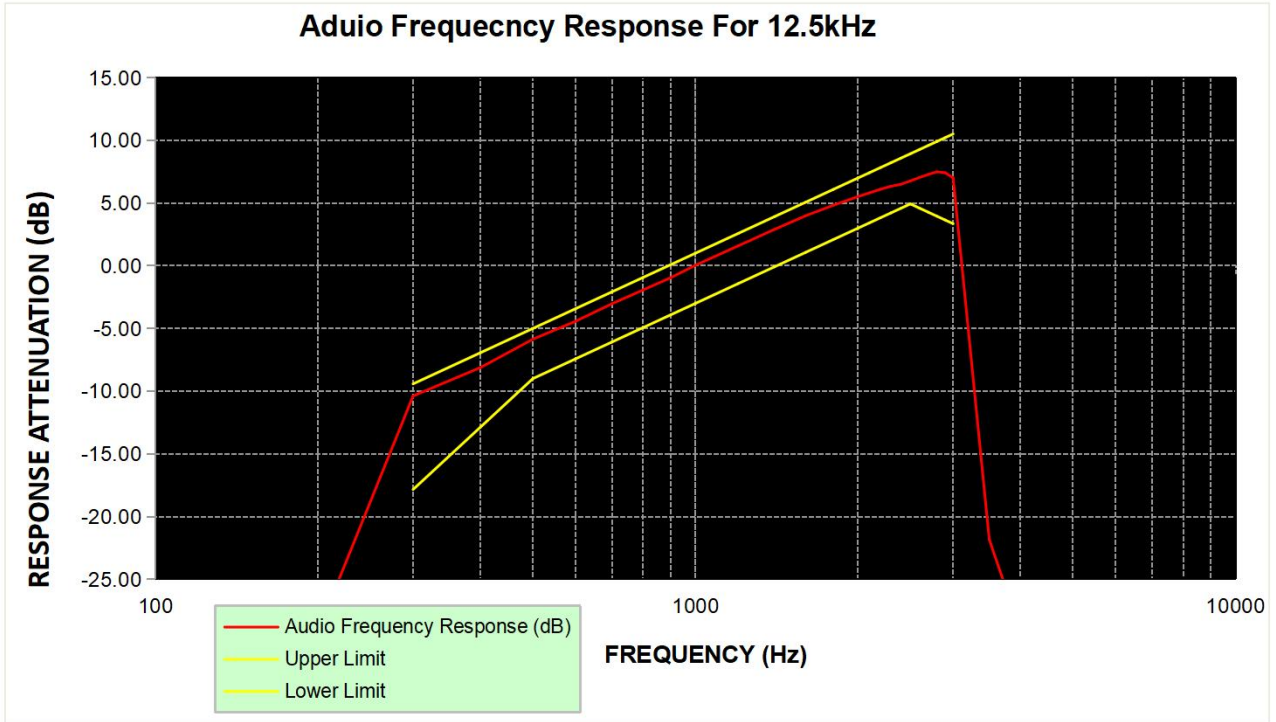


Appendix E:Audio Frequency Response

Operation Mode	Modulation Type	Test Channel	Frequency (Hz)	Audio Frequency Response (dB)	Lower Limit	Upper Limit	Result
TX-ANH	FM	CH _M	100	-29.00			PASS
TX-ANH	FM	CH _M	200	-29.16			PASS
TX-ANH	FM	CH _M	300	-10.39	-17.84	-9.42	PASS
TX-ANH	FM	CH _M	400	-8.11	-12.86	-6.93	PASS
TX-ANH	FM	CH _M	500	-5.86	-9.00	-5.00	PASS
TX-ANH	FM	CH _M	600	-4.43	-7.42	-3.42	PASS
TX-ANH	FM	CH _M	700	-3.04	-6.09	-2.09	PASS
TX-ANH	FM	CH _M	800	-1.93	-4.93	-0.93	PASS
TX-ANH	FM	CH _M	900	-0.95	-3.91	0.09	PASS
TX-ANH	FM	CH _M	1000	0.04	-3.00	1.00	PASS
TX-ANH	FM	CH _M	1200	1.59	-1.42	2.58	PASS
TX-ANH	FM	CH _M	1400	2.90	-0.09	3.91	PASS
TX-ANH	FM	CH _M	1600	3.99	1.07	5.07	PASS
TX-ANH	FM	CH _M	1800	4.82	2.09	6.09	PASS
TX-ANH	FM	CH _M	2000	5.52	3.00	7.00	PASS
TX-ANH	FM	CH _M	2100	5.82	3.42	7.42	PASS
TX-ANH	FM	CH _M	2200	6.10	3.83	7.83	PASS
TX-ANH	FM	CH _M	2300	6.34	4.21	8.21	PASS
TX-ANH	FM	CH _M	2400	6.50	4.58	8.58	PASS
TX-ANH	FM	CH _M	2500	6.77	4.93	8.93	PASS
TX-ANH	FM	CH _M	2600	7.04	4.59	9.27	PASS
TX-ANH	FM	CH _M	2700	7.29	4.27	9.60	PASS
TX-ANH	FM	CH _M	2800	7.49	3.95	9.91	PASS
TX-ANH	FM	CH _M	2900	7.42	3.65	10.22	PASS
TX-ANH	FM	CH _M	3000	7.01	3.35	10.51	PASS
TX-ANH	FM	CH _M	3500	-21.83			PASS
TX-ANH	FM	CH _M	4000	-29.16			PASS
TX-ANH	FM	CH _M	4500	-29.30			PASS
TX-ANH	FM	CH _M	5000	-29.13			PASS

Appendix E:Audio Frequency Response

TEST PLOT RESULT



Appendix F:Frequency Stability Test & Temperature

Operation Mode	Modulation Type	Test Conditions		Frequency error (ppm)			Limit (ppm)	Result
		Voltage	Temperature	CH _L	CH _M	CH _H		
TX-DNH	4FSK	V _N	-30	-0.039	-0.045	-0.054	±5.0	PASS
TX-DNH	4FSK	V _N	-20	-0.040	-0.043	-0.050	±5.0	PASS
TX-DNH	4FSK	V _N	-10	-0.037	-0.045	-0.051	±5.0	PASS
TX-DNH	4FSK	V _N	0	-0.038	-0.043	-0.051	±5.0	PASS
TX-DNH	4FSK	V _N	10	-0.040	-0.044	-0.051	±5.0	PASS
TX-DNH	4FSK	V _N	20	-0.037	-0.043	-0.049	±5.0	PASS
TX-DNH	4FSK	V _N	30	-0.040	-0.046	-0.052	±5.0	PASS
TX-DNH	4FSK	V _N	40	-0.037	-0.043	-0.052	±5.0	PASS
TX-DNH	4FSK	V _N	50	-0.039	-0.045	-0.050	±5.0	PASS
TX-DNL	4FSK	V _N	-30	-0.027	-0.038	-0.039	±5.0	PASS
TX-DNL	4FSK	V _N	-20	-0.026	-0.037	-0.039	±5.0	PASS
TX-DNL	4FSK	V _N	-10	-0.027	-0.037	-0.041	±5.0	PASS
TX-DNL	4FSK	V _N	0	-0.026	-0.036	-0.040	±5.0	PASS
TX-DNL	4FSK	V _N	10	-0.026	-0.035	-0.039	±5.0	PASS
TX-DNL	4FSK	V _N	20	-0.025	-0.035	-0.038	±5.0	PASS
TX-DNL	4FSK	V _N	30	-0.027	-0.038	-0.039	±5.0	PASS
TX-DNL	4FSK	V _N	40	-0.027	-0.037	-0.042	±5.0	PASS
TX-DNL	4FSK	V _N	50	-0.026	-0.038	-0.039	±5.0	PASS
TX-ANH	FM	V _N	-30	0.034	0.040	0.048	±5.0	PASS
TX-ANH	FM	V _N	-20	0.033	0.043	0.045	±5.0	PASS
TX-ANH	FM	V _N	-10	0.035	0.040	0.049	±5.0	PASS
TX-ANH	FM	V _N	0	0.034	0.042	0.049	±5.0	PASS
TX-ANH	FM	V _N	10	0.032	0.041	0.049	±5.0	PASS
TX-ANH	FM	V _N	20	0.032	0.039	0.045	±5.0	PASS
TX-ANH	FM	V _N	30	0.032	0.041	0.047	±5.0	PASS
TX-ANH	FM	V _N	40	0.033	0.040	0.046	±5.0	PASS
TX-ANH	FM	V _N	50	0.032	0.040	0.047	±5.0	PASS
TX-ANL	FM	V _N	-30	0.066	0.068	0.076	±5.0	PASS
TX-ANL	FM	V _N	-20	0.065	0.074	0.072	±5.0	PASS
TX-ANL	FM	V _N	-10	0.066	0.070	0.070	±5.0	PASS
TX-ANL	FM	V _N	0	0.061	0.074	0.072	±5.0	PASS
TX-ANL	FM	V _N	10	0.064	0.072	0.074	±5.0	PASS
TX-ANL	FM	V _N	20	0.060	0.068	0.070	±5.0	PASS
TX-ANL	FM	V _N	30	0.064	0.069	0.074	±5.0	PASS
TX-ANL	FM	V _N	40	0.064	0.069	0.072	±5.0	PASS
TX-ANL	FM	V _N	50	0.064	0.074	0.077	±5.0	PASS

Appendix G:Frequency Stability Test & Voltage

Operation Mode	Modulation Type	Test Conditions		Frequency error (ppm)			Limit (ppm)	Result
		Voltage	Temperature	CH _L	CH _M	CH _H		
TX-DNH	4FSK	V _N	T _N	-0.037	-0.043	-0.049	±5.0	PASS
TX-DNH	4FSK	V _L	T _N	-0.037	-0.043	-0.049	±5.0	PASS
TX-DNH	4FSK	V _H	T _N	-0.039	-0.044	-0.052	±5.0	PASS
TX-DNL	4FSK	V _N	T _N	-0.025	-0.035	-0.038	±5.0	PASS
TX-DNL	4FSK	V _L	T _N	-0.025	-0.035	-0.038	±5.0	PASS
TX-DNL	4FSK	V _H	T _N	-0.026	-0.036	-0.038	±5.0	PASS
TX-ANH	FM	V _N	T _N	0.032	0.039	0.045	±5.0	PASS
TX-ANH	FM	V _L	T _N	0.033	0.039	0.045	±5.0	PASS
TX-ANH	FM	V _H	T _N	0.033	0.040	0.047	±5.0	PASS
TX-ANL	FM	V _N	T _N	0.060	0.068	0.070	±5.0	PASS
TX-ANL	FM	V _L	T _N	0.061	0.069	0.071	±5.0	PASS
TX-ANL	FM	V _H	T _N	0.063	0.070	0.074	±5.0	PASS


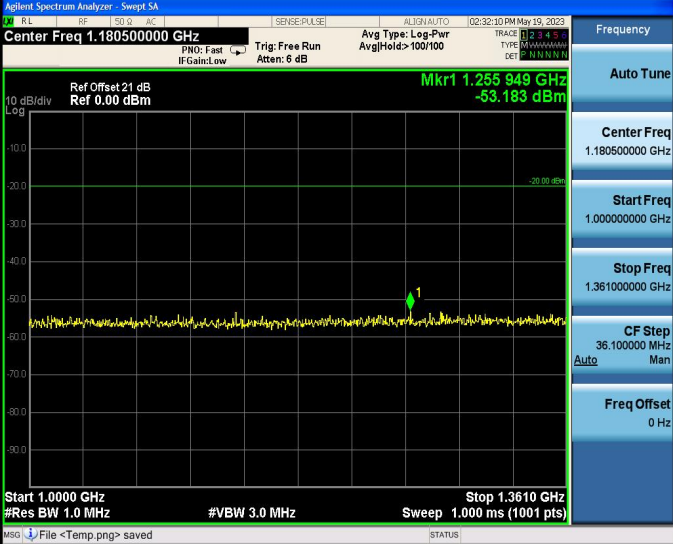

Appendix H:Transmitter Frequency Behavior

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																
TX-DNH	4FSK	CH _M	<p> MultiView Spectrum Analog Demod Ref Level 47.00 dBm Offset 27.00 dB Att 30 dB AQT 100 ms DBW 25 kHz Freq 155.0 MHz TRG:JFY(17MHz) YIG Bypass 1 FM Time Domain TAP Clw DC Ref:0.00 Hz CF 155.0 MHz 1001 pts 10.0 ms/ </p> <table border="1"> <thead> <tr> <th colspan="4">4 Result Summary</th> <th colspan="3">Carrier Power 23.87 dBm</th> <th colspan="3">Carrier Offset -18.40 Hz</th> </tr> <tr> <th></th> <th>+Peak</th> <th>-Peak</th> <th>+Peak/2</th> <th>RMS</th> <th>Mod. Freq.</th> <th>SINAD</th> <th>THD</th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>FM</td> <td>12.828 kHz</td> <td>-17.013 kHz</td> <td>14.921 kHz</td> <td>2.768 kHz</td> <td>---</td> <td>---</td> <td>---</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p> Date: 22 MAY 2023 10:02:40 </p>	4 Result Summary				Carrier Power 23.87 dBm			Carrier Offset -18.40 Hz				+Peak	-Peak	+Peak/2	RMS	Mod. Freq.	SINAD	THD				FM	12.828 kHz	-17.013 kHz	14.921 kHz	2.768 kHz	---	---	---			
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	+Peak	-Peak	+Peak/2	RMS	Mod. Freq.	SINAD	THD																												
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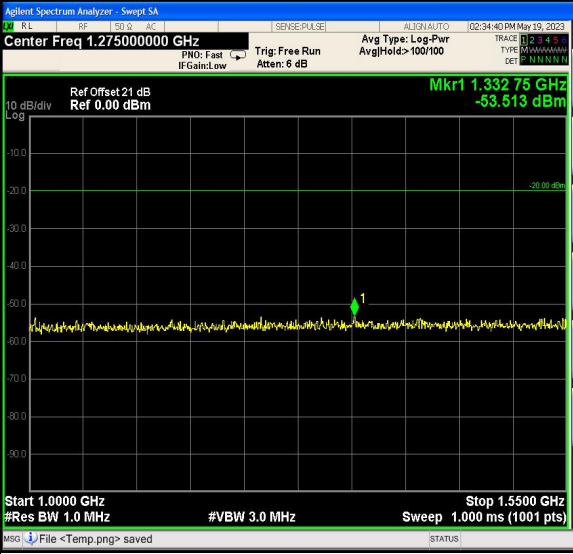
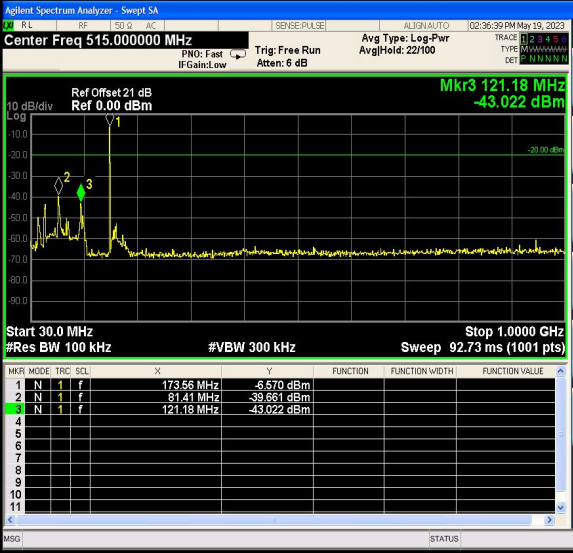
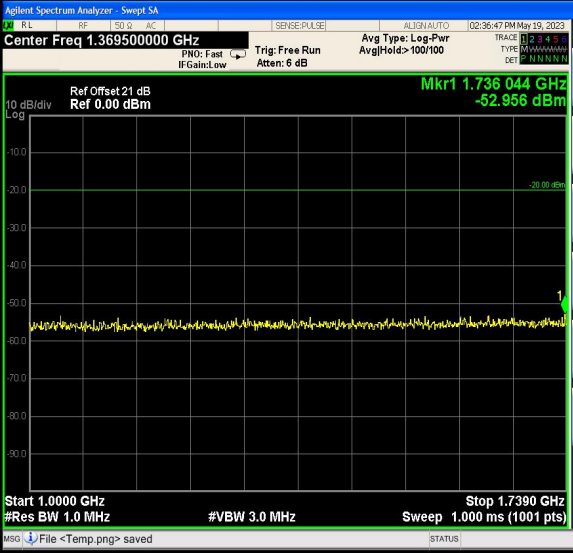
Appendix H:Transmitter Frequency Behavior

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																
TX-ANH	FM	CH _M	<p> 4 Result Summary Carrier Power: 23.88 dBm Carrier Offset: -17.80 Hz <table border="1"> <thead> <tr> <th></th> <th>+Peak</th> <th>-Peak</th> <th>+Peak/2</th> <th>RMS</th> <th>Mod. Freq.</th> <th>SINAD</th> <th>THD</th> </tr> </thead> <tbody> <tr> <td>FM</td> <td>17.92 kHz</td> <td>-19.516 kHz</td> <td>18.718 kHz</td> <td>2.7877 kHz</td> <td>---</td> <td>---</td> <td>---</td> </tr> </tbody> </table> </p> <p> Date: 22 MAY 2023 10:04:02 </p>		+Peak	-Peak	+Peak/2	RMS	Mod. Freq.	SINAD	THD	FM	17.92 kHz	-19.516 kHz	18.718 kHz	2.7877 kHz	---	---	---
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Appendix I:Spurious Emission On Antenna Port

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																				
TX-DNH	4FSK	CHL	 <p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 515.000000 MHz</p> <p>Mkr3 66.86 MHz -35.521 dBm</p> <table border="1"> <thead> <tr> <th>MKR</th> <th>MODE</th> <th>TRIG</th> <th>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</td> <td>N</td> <td>1</td> <td>f</td> <td>136.73 MHz</td> <td>-10.652 dBm</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>N</td> <td>1</td> <td>f</td> <td>272.50 MHz</td> <td>-31.401 dBm</td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td>N</td> <td>1</td> <td>f</td> <td>66.86 MHz</td> <td>-35.521 dBm</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	MKR	MODE	TRIG	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	136.73 MHz	-10.652 dBm				2	N	1	f	272.50 MHz	-31.401 dBm				3	N	1	f	66.86 MHz	-35.521 dBm			
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TX-DNH	4FSK	CHL	 <p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 1.180500000 GHz</p> <p>Mkr1 1.255 949 GHz -53.183 dBm</p> <table border="1"> <thead> <tr> <th>MKR</th> <th>MODE</th> <th>TRIG</th> <th>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</td> <td>N</td> <td>1</td> <td>f</td> <td>1.255 949 GHz</td> <td>-53.183 dBm</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	MKR	MODE	TRIG	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	1.255 949 GHz	-53.183 dBm																					
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TX-DNH	4FSK	CHM	 <p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 515.000000 MHz</p> <p>Mkr3 101.78 MHz -47.662 dBm</p> <table border="1"> <thead> <tr> <th>MKR</th> <th>MODE</th> <th>TRIG</th> <th>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</td> <td>N</td> <td>1</td> <td>f</td> <td>166.13 MHz</td> <td>-7.363 dBm</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>N</td> <td>1</td> <td>f</td> <td>73.65 MHz</td> <td>-46.379 dBm</td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td>N</td> <td>1</td> <td>f</td> <td>101.78 MHz</td> <td>-47.662 dBm</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	MKR	MODE	TRIG	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	166.13 MHz	-7.363 dBm				2	N	1	f	73.65 MHz	-46.379 dBm				3	N	1	f	101.78 MHz	-47.662 dBm			
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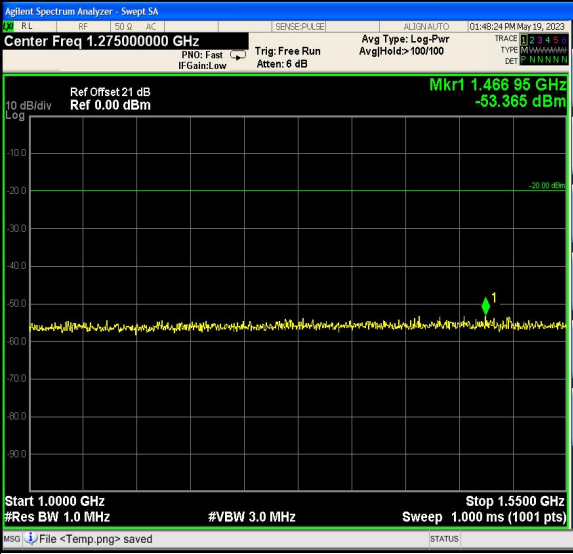
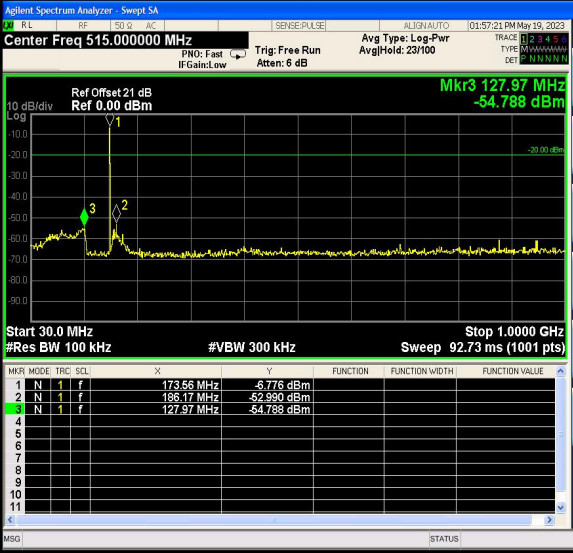
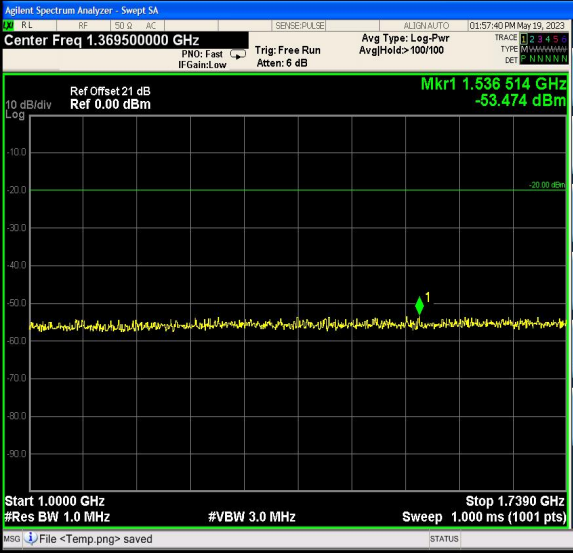
Appendix I:Spurious Emission On Antenna Port

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																																																																																												
TX-DNH	4FSK	CH _M	 <p>Agilent Spectrum Analyzer - Swept SA Center Freq 1.27500000 GHz Ref Offset 21 dB, Ref 0.00 dBm Mkr1 1.33275 GHz, -53.513 dBm Start 1.0000 GHz, Stop 1.5500 GHz #Res BW 1.0 MHz, #VBW 3.0 MHz, Sweep 1.000 ms (1001 pts)</p>																																																																																																												
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Appendix I:Spurious Emission On Antenna Port

Operation Mode	Modulation Type	Test Channel	TEST PLOT RESULT																																				
TX-ANH	FM	CHL	<p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 515.000000 MHz</p> <p>Ref Offset 21 dB Ref 0.00 dBm</p> <p>Mkr3 77.53 MHz -38.816 dBm</p> <p>Start 30.0 MHz #Res BW 100 kHz #VBW 300 kHz Stop 1.0000 GHz Sweep 92.73 ms (1001 pts)</p> <table border="1"> <thead> <tr> <th>MKR</th> <th>MODE</th> <th>TRIG</th> <th>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</td> <td>N</td> <td>1</td> <td>f</td> <td>136.73 MHz</td> <td>-9.644 dBm</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>N</td> <td>1</td> <td>f</td> <td>272.50 MHz</td> <td>-30.777 dBm</td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td>N</td> <td>1</td> <td>f</td> <td>77.53 MHz</td> <td>-38.816 dBm</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	MKR	MODE	TRIG	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	136.73 MHz	-9.644 dBm				2	N	1	f	272.50 MHz	-30.777 dBm				3	N	1	f	77.53 MHz	-38.816 dBm			
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TX-ANH	FM	CHM	<p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 515.000000 MHz</p> <p>Ref Offset 21 dB Ref 0.00 dBm</p> <p>Mkr3 310.33 MHz -50.021 dBm</p> <p>Start 30.0 MHz #Res BW 100 kHz #VBW 300 kHz Stop 1.0000 GHz Sweep 92.73 ms (1001 pts)</p> <table border="1"> <thead> <tr> <th>MKR</th> <th>MODE</th> <th>TRIG</th> <th>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</td> <td>N</td> <td>1</td> <td>f</td> <td>155.13 MHz</td> <td>-7.394 dBm</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>N</td> <td>1</td> <td>f</td> <td>310.33 MHz</td> <td>-45.922 dBm</td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td>N</td> <td>1</td> <td>f</td> <td>310.33 MHz</td> <td>-50.021 dBm</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	MKR	MODE	TRIG	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	155.13 MHz	-7.394 dBm				2	N	1	f	310.33 MHz	-45.922 dBm				3	N	1	f	310.33 MHz	-50.021 dBm			
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TX-ANH	FM	CH _M	 <p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 1.275000000 GHz</p> <p>Mkr1 1.466 95 GHz -53.365 dBm</p> <p>Start 1.0000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 1.000 ms (1001 pts)</p>																																																																																																												
TX-ANH	FM	CH _H	 <p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 515.0000000 MHz</p> <p>Mkr3 127.97 MHz -54.788 dBm</p> <p>Start 30.0 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 92.73 ms (1001 pts)</p> <table border="1" data-bbox="566 1299 1141 1456"> <thead> <tr> <th>MKR</th> <th>MODE</th> <th>TRIG</th> <th>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</td> <td>N</td> <td>1</td> <td>f</td> <td>173.66 MHz</td> <td>-5.776 dBm</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>N</td> <td>1</td> <td>f</td> <td>186.17 MHz</td> <td>-52.990 dBm</td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td>N</td> <td>1</td> <td>f</td> <td>127.97 MHz</td> <td>-54.788 dBm</td> <td></td> <td></td> <td></td> </tr> <tr> <td>4</td> <td></td> <td></td> <td></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> <td></td> <td></td> <td></td> </tr> <tr> <td>6</td> <td></td> <td></td> <td></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> <td></td> <td></td> <td></td> </tr> <tr> <td>8</td> <td></td> <td></td> <td></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> <td></td> <td></td> <td></td> </tr> <tr> <td>10</td> <td></td> <td></td> <td></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> <td></td> <td></td> <td></td> </tr> </tbody> </table>	MKR	MODE	TRIG	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	173.66 MHz	-5.776 dBm				2	N	1	f	186.17 MHz	-52.990 dBm				3	N	1	f	127.97 MHz	-54.788 dBm				4									5									6									7									8									9									10									11								
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