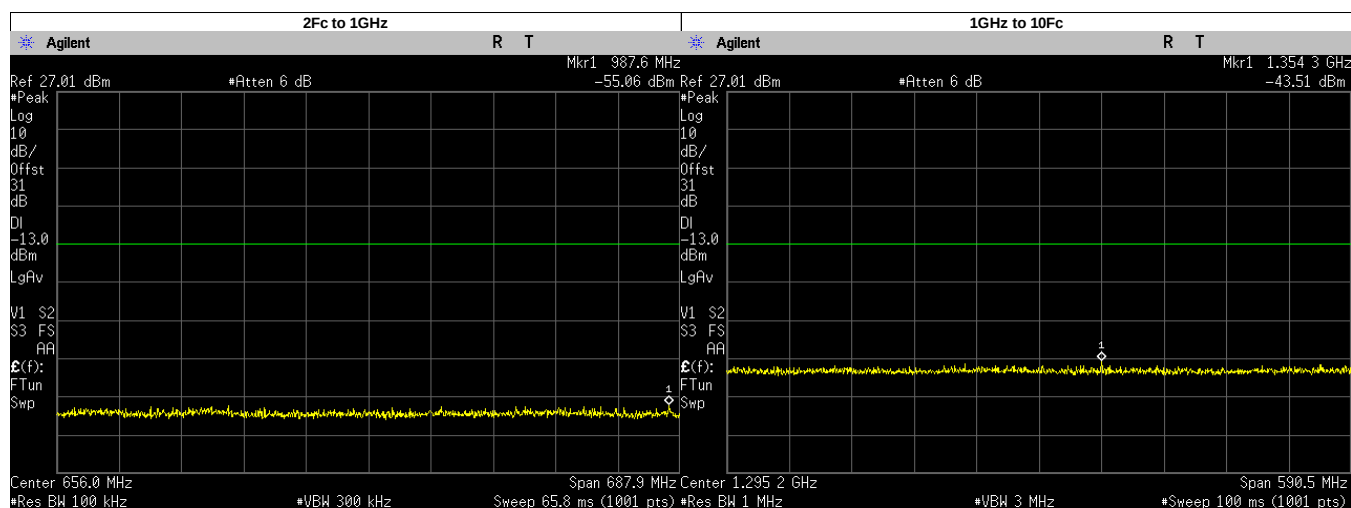
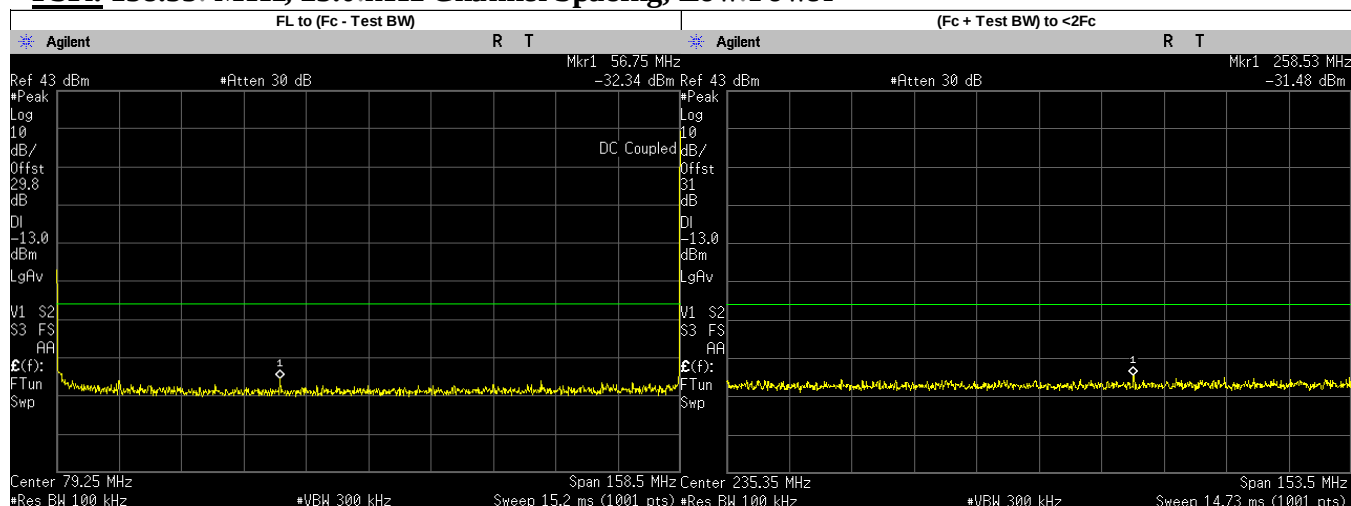
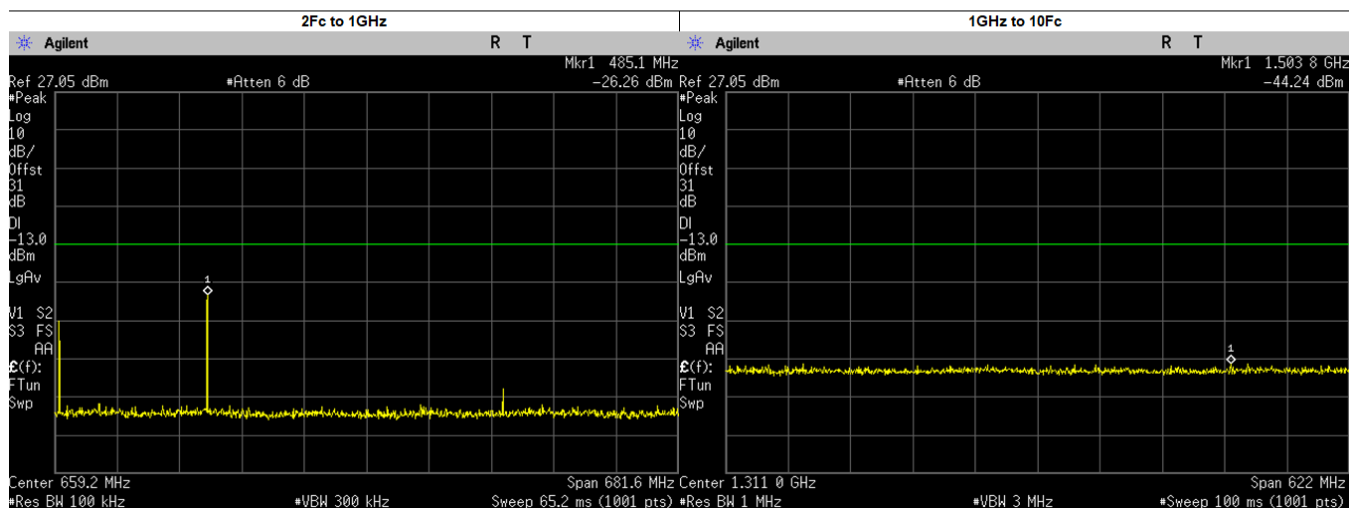
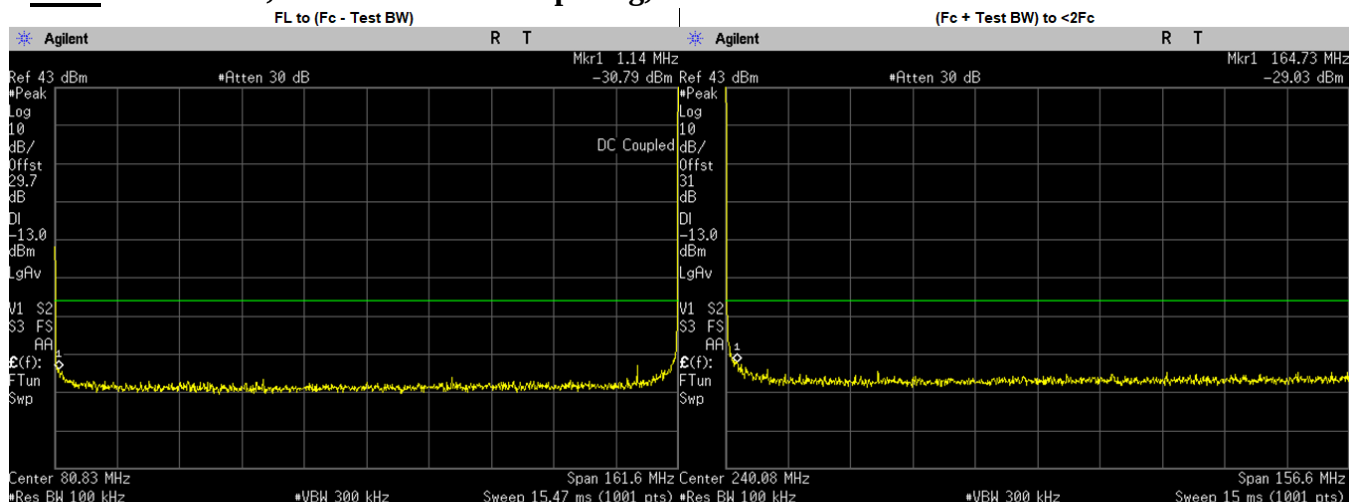


FSK: 158.55 MHz, 25.0 kHz Channel Spacing, Low Power



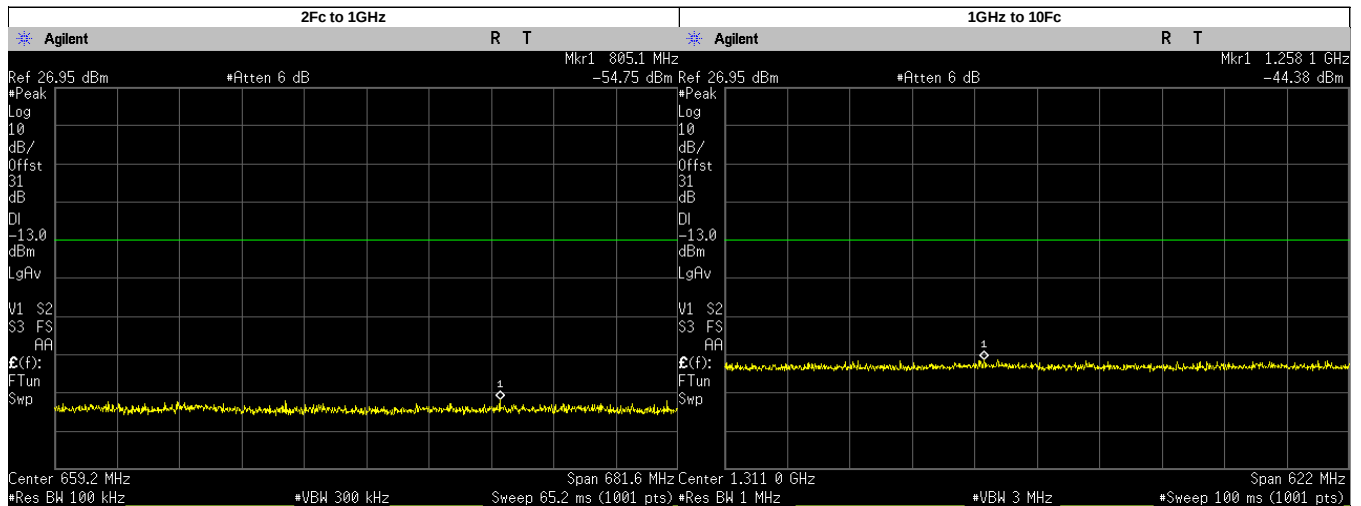
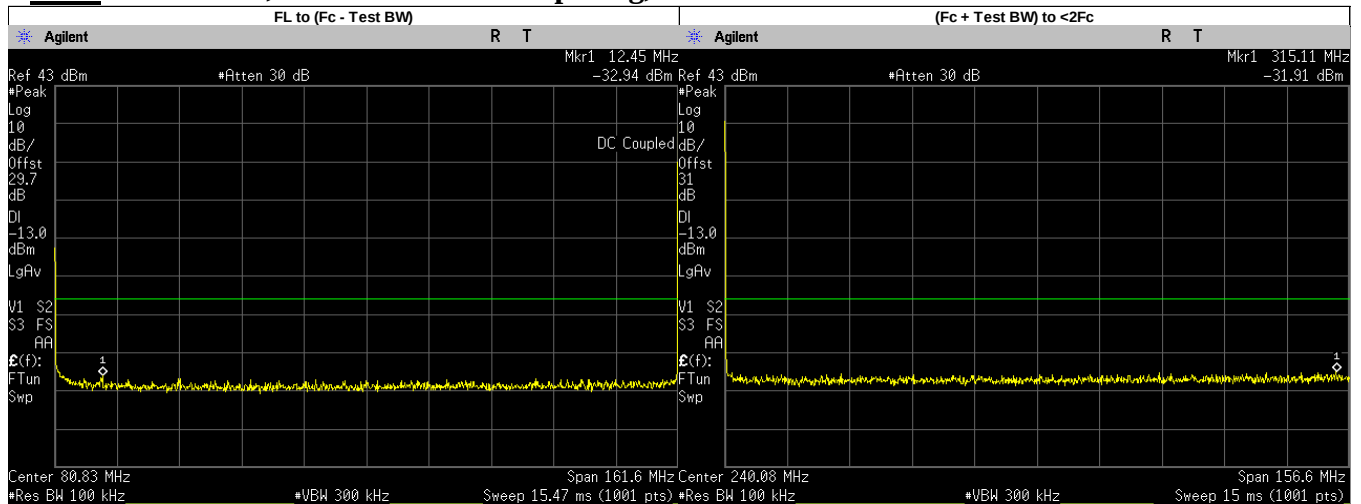
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	56.7500	-32.3400	-13.00	PASS
(Fc + Test BW) to <2Fc	258.5305	-31.4800	-13.00	PASS
2Fc to 1GHz	987.6178	-55.0600	-13.00	PASS
	317.1000	-57.3278	-13.00	PASS
	475.6500	-56.9166	-13.00	PASS
	634.2000	-57.4271	-13.00	PASS
	792.7500	-56.9875	-13.00	PASS
	951.3000	-57.1913	-13.00	PASS
1GHz to 10Fc	1354.3000	-43.5100	-13.00	PASS
	1109.8500	-46.6923	-13.00	PASS
	1268.4000	-45.9951	-13.00	PASS
	1426.9500	-45.8253	-13.00	PASS
	1585.5000	-45.7529	-13.00	PASS

FSK: 161.7 MHz, 25.0 kHz Channel Spacing, Max Power



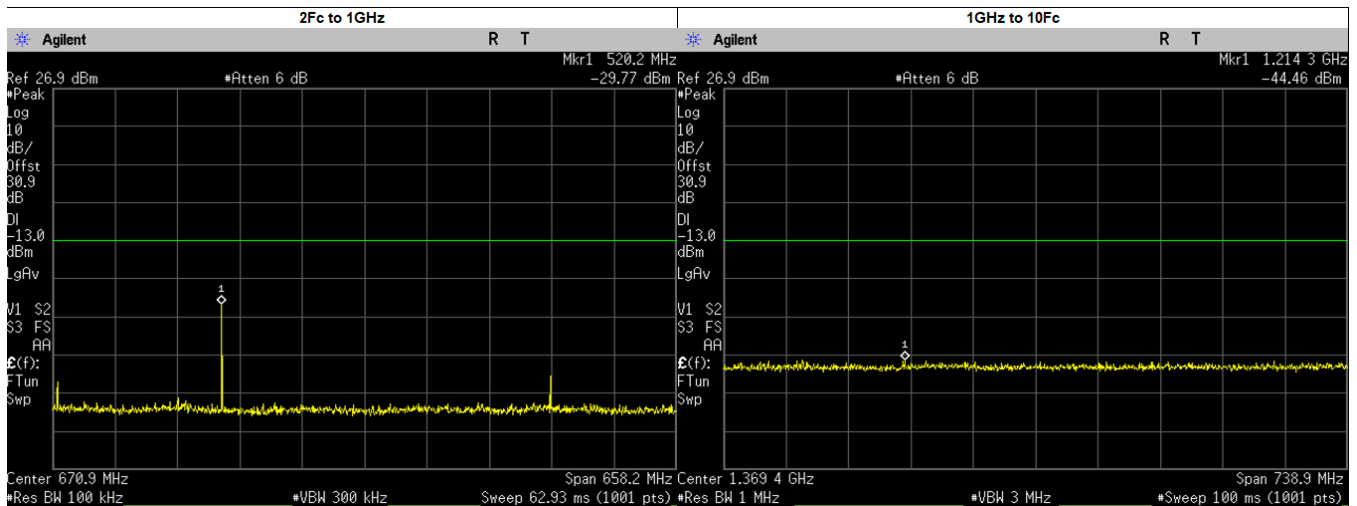
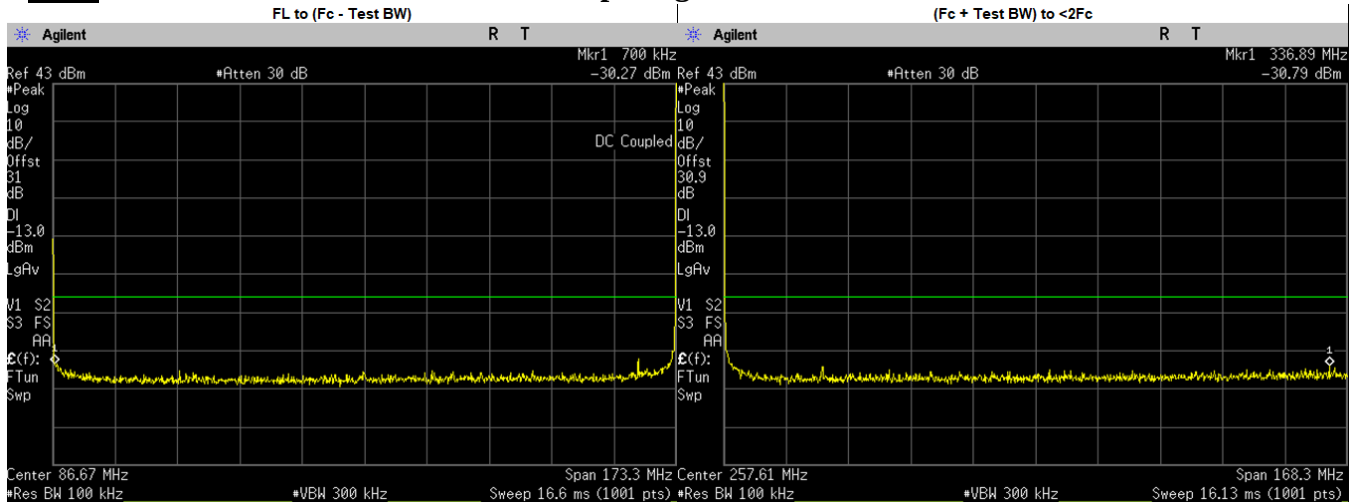
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	1.1400	-30.7880	-13.00	PASS
(Fc + Test BW) to <2Fc	164.7319	-29.0300	-13.00	PASS
2Fc to 1GHz	485.1000	-26.2600	-13.00	PASS
	646.8000	-57.3114	-13.00	PASS
	808.5000	-51.1551	-13.00	PASS
	970.2000	-57.8490	-13.00	PASS
	484.7104	-28.4200	-13.00	PASS
	485.1000	-27.1856	-13.00	PASS
1GHz to 10Fc	1503.8200	-44.2400	-13.00	PASS
	1131.9000	-45.7562	-13.00	PASS
	1293.6000	-46.4363	-13.00	PASS
	1455.3000	-45.3114	-13.00	PASS
	1617.0000	-46.4393	-13.00	PASS

FSK: 161.7. MHz, 25.0 kHz Channel Spacing, Low Power



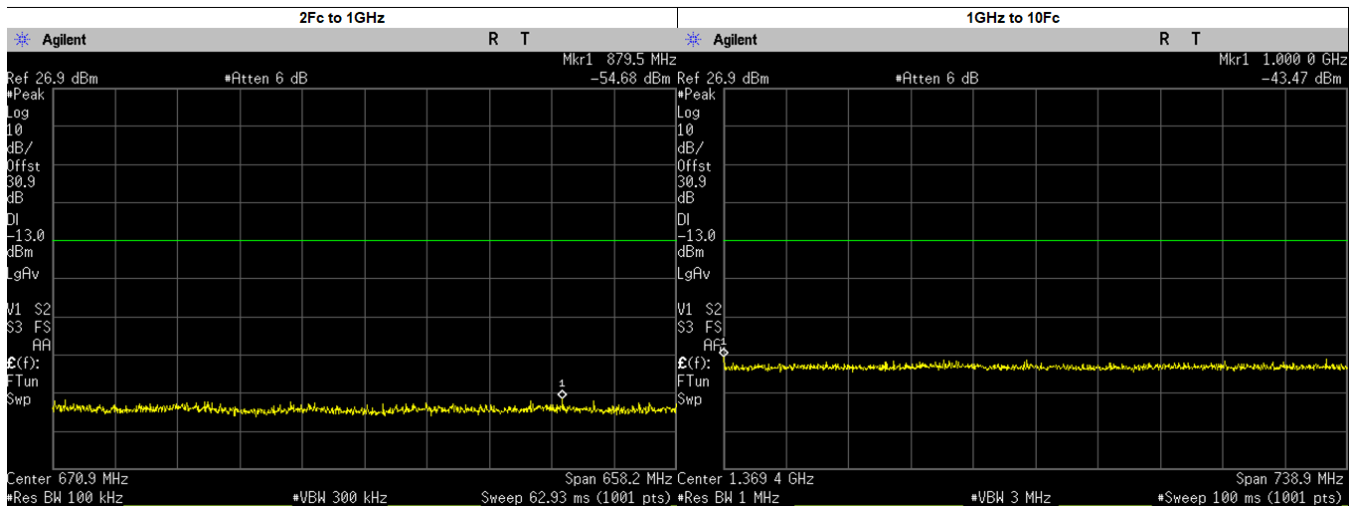
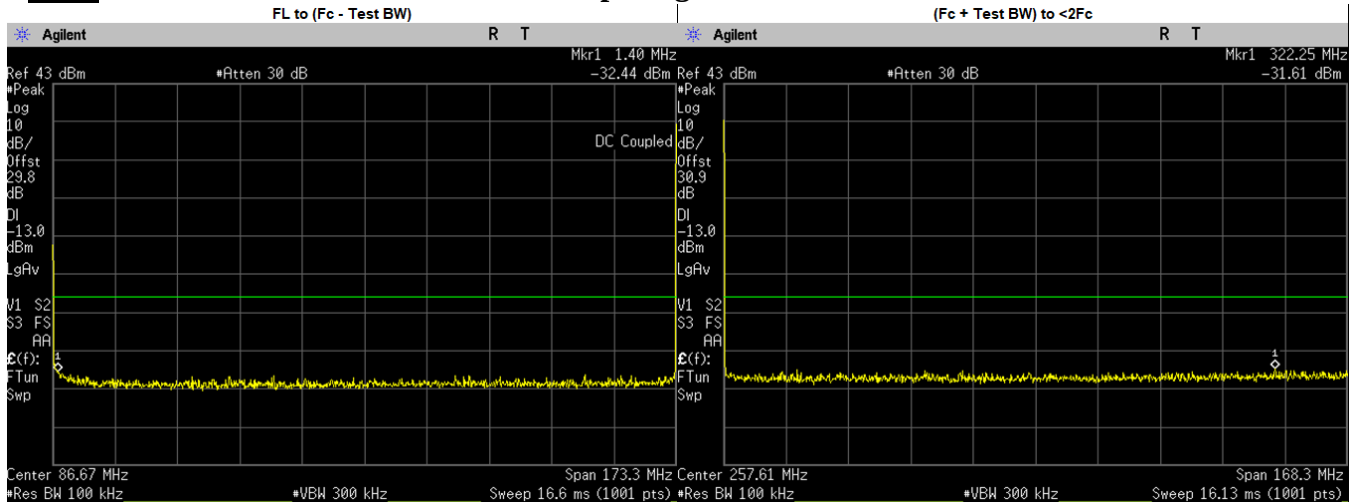
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	12.4500	-32.9450	-13.00	PASS
(Fc + Test BW) to <2Fc	315.1105	-31.9100	-13.00	PASS
2Fc to 1GHz	805.0624	-54.7500	-13.00	PASS
	323.4000	-56.8037	-13.00	PASS
	485.1000	-56.9316	-13.00	PASS
	646.8000	-57.3854	-13.00	PASS
	808.5000	-57.4560	-13.00	PASS
	970.2000	-57.6305	-13.00	PASS
1GHz to 10Fc	1258.1300	-44.3800	-13.00	PASS
	1131.9000	-46.7574	-13.00	PASS
	1293.6000	-46.7295	-13.00	PASS
	1455.3000	-47.2175	-13.00	PASS
	1617.0000	-46.1039	-13.00	PASS

FSK: 173.3875 MHz, 25.0 kHz Channel Spacing, Max Power



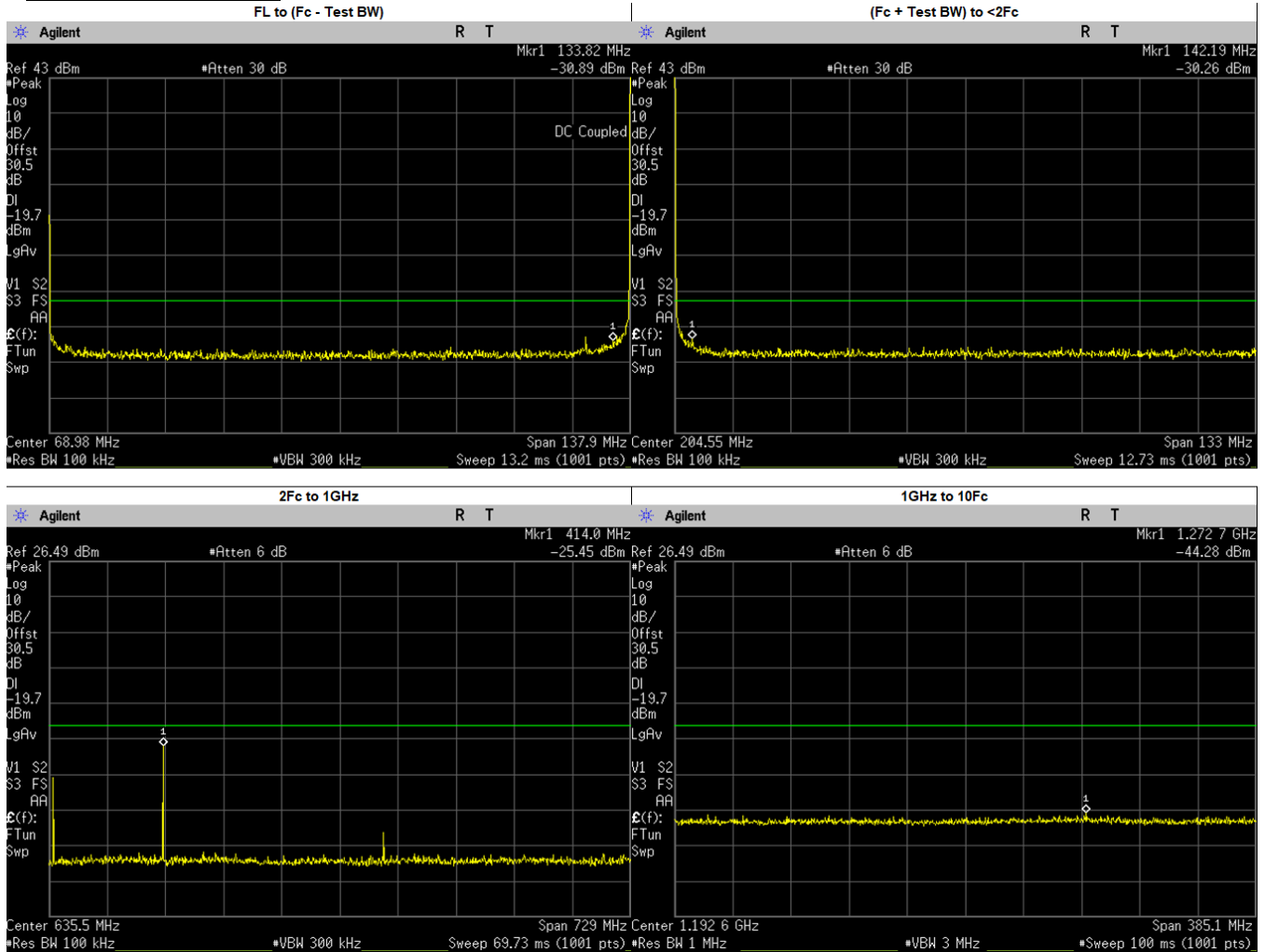
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	0.7000	-30.2700	-13.00	PASS
(Fc + Test BW) to <2Fc	336.8934	-30.7900	-13.00	PASS
2Fc to 1GHz	520.2000	-29.7700	-13.00	PASS
	346.7750	-51.2841	-13.00	PASS
	693.5500	-57.7823	-13.00	PASS
	866.9375	-50.0962	-13.00	PASS
	520.1625	-30.1204	-13.00	PASS
1GHz to 10Fc	1214.2740	-44.4600	-13.00	PASS
	1040.3250	-46.5012	-13.00	PASS
	1213.7130	-46.2707	-13.00	PASS
	1387.1000	-46.5636	-13.00	PASS
	1560.4870	-46.1918	-13.00	PASS
	1733.8750	-46.3677	-13.00	PASS

FSK: 173.3875 MHz, 25.0 kHz Channel Spacing, Low Power



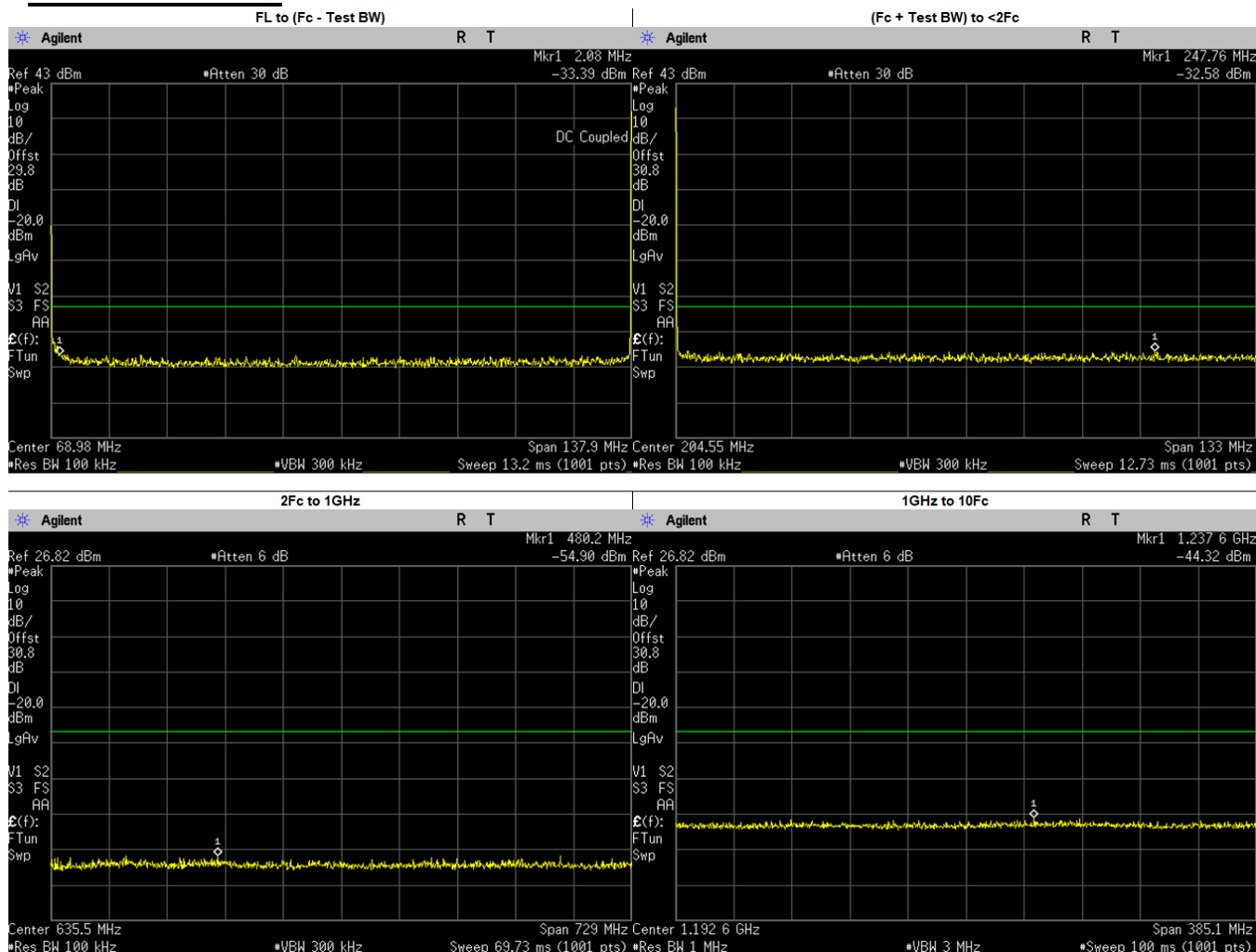
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	1.4000	-32.4440	-13.00	PASS
(Fc + Test BW) to <2Fc	322.2485	-31.6100	-13.00	PASS
2Fc to 1GHz	879.5448	-54.6800	-13.00	PASS
	346.7750	-56.7975	-13.00	PASS
	520.1625	-57.3638	-13.00	PASS
	693.5500	-57.7520	-13.00	PASS
	866.9375	-57.3879	-13.00	PASS
1GHz to 10Fc	1000.0000	-43.4700	-13.00	PASS
	1040.3250	-45.7519	-13.00	PASS
	1213.7130	-46.4876	-13.00	PASS
	1387.1000	-46.0454	-13.00	PASS
	1560.4870	-46.0698	-13.00	PASS
	1733.8750	-46.5382	-13.00	PASS

LSM: 138.0125. MHz, 12.5.kHz Channel Spacing, Max.Power
Not for FCC review



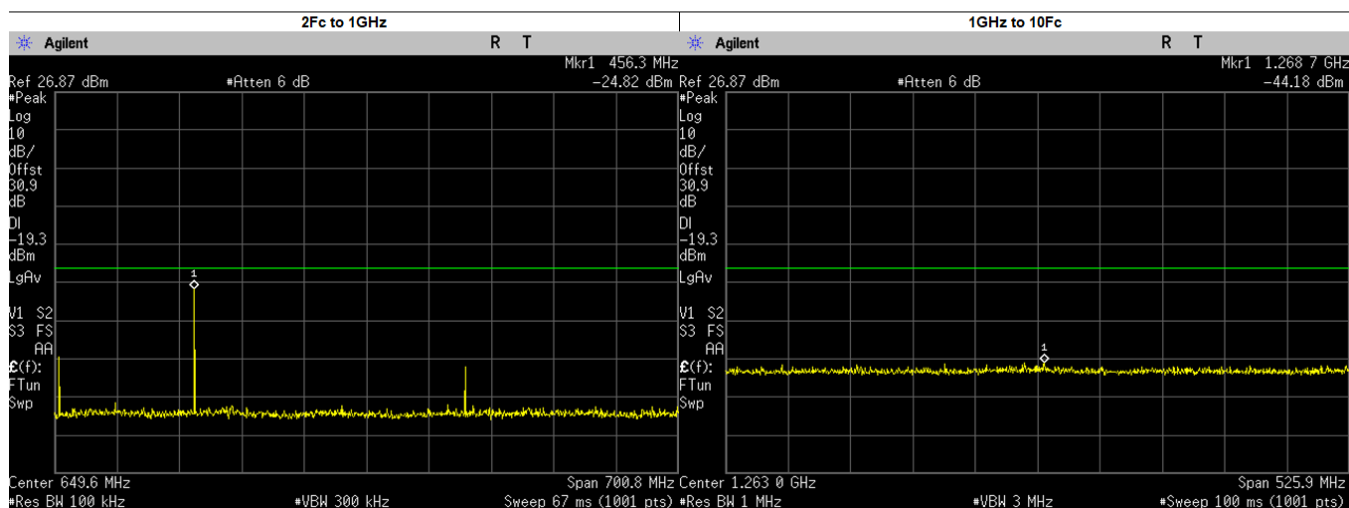
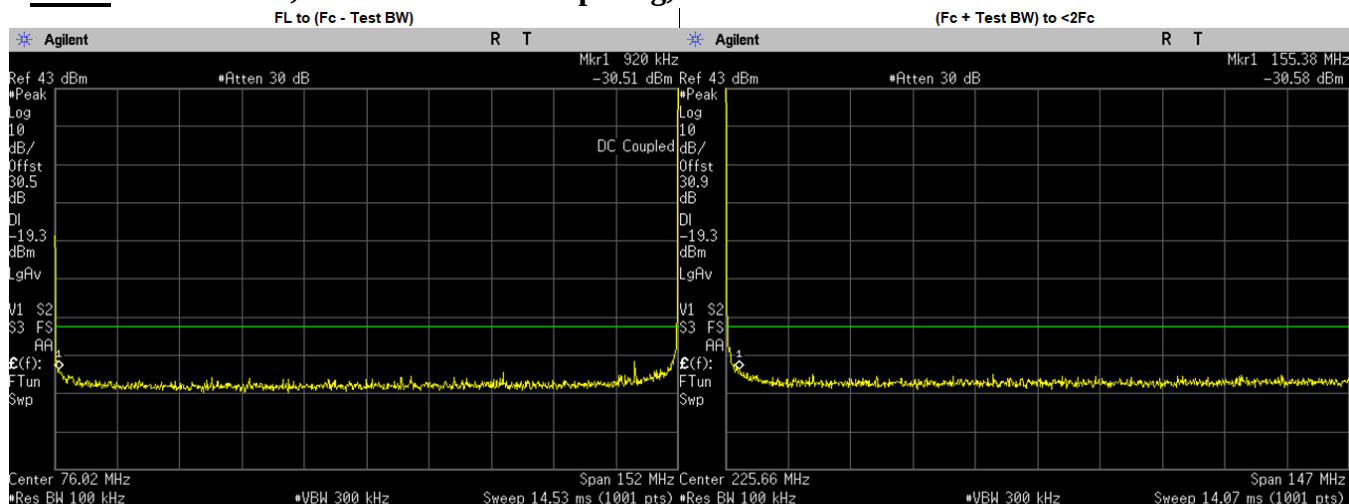
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	133.8200	-30.8900	-19.75	PASS
(Fc + Test BW) to <2Fc	142.1898	-30.2600	-19.75	PASS
2Fc to 1GHz	414.0000	-25.4500	-19.75	PASS
	552.0500	-58.0835	-19.75	PASS
	690.0625	-50.9686	-19.75	PASS
	828.0750	-57.7530	-19.75	PASS
	966.0875	-55.9920	-19.75	PASS
	276.0250	-37.7809	-19.75	PASS
	414.0375	-31.3213	-19.75	PASS
1GHz to 10Fc	1272.6680	-44.2800	-19.75	PASS
	1104.1000	-46.6334	-19.75	PASS
	1242.1120	-46.3237	-19.75	PASS
	1380.1250	-46.7345	-19.75	PASS

LSM: 138.0125. MHz, 12.5.kHz Channel Spacing, Low Power
Not for FCC review



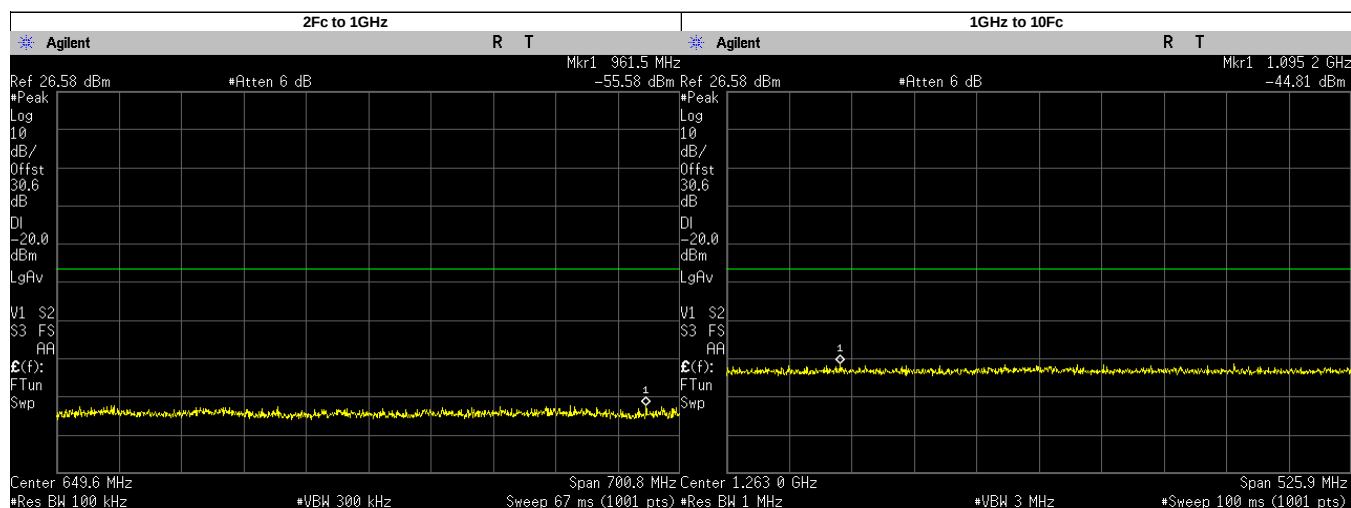
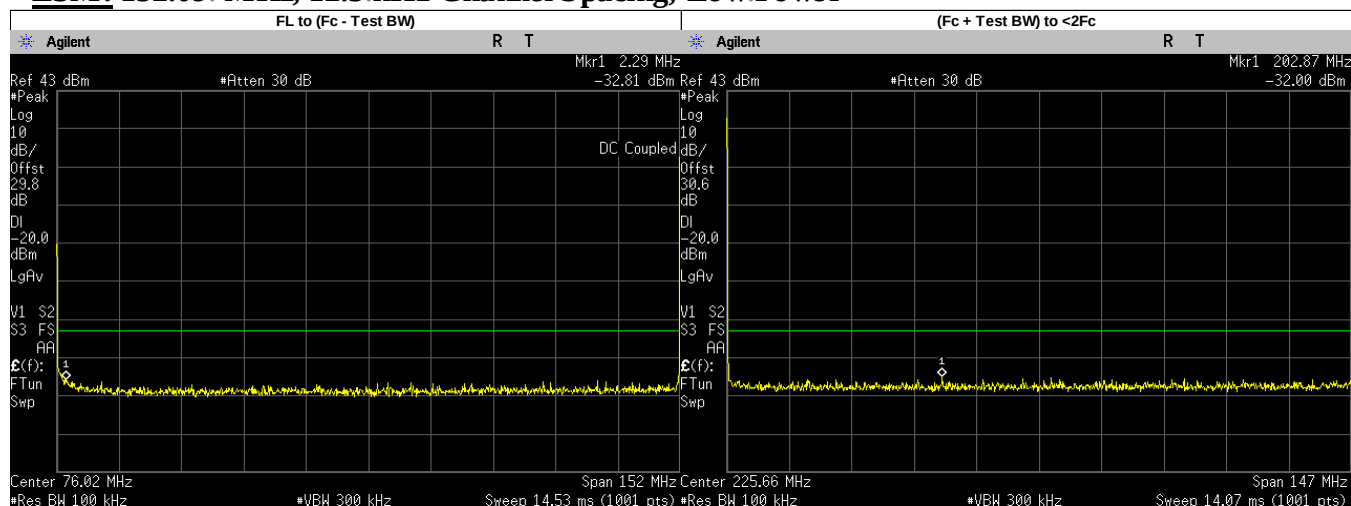
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	2.0800	-33.3910	-20.00	PASS
(Fc + Test BW) to <2Fc	247.7575	-32.5800	-20.00	PASS
2Fc to 1GHz	480.2408	-54.9000	-20.00	PASS
	276.0250	-56.1496	-20.00	PASS
	414.0375	-57.2433	-20.00	PASS
	552.0500	-57.5237	-20.00	PASS
	690.0625	-57.6063	-20.00	PASS
	828.0750	-57.7244	-20.00	PASS
	966.0875	-58.0366	-20.00	PASS
1GHz to 10Fc	1237.6220	-44.3200	-20.00	PASS
	1104.1000	-46.4958	-20.00	PASS
	1242.1120	-46.2679	-20.00	PASS
	1380.1250	-46.0136	-20.00	PASS

LSM: 152.09. MHz, 12.5.kHz Channel Spacing, Max.Power



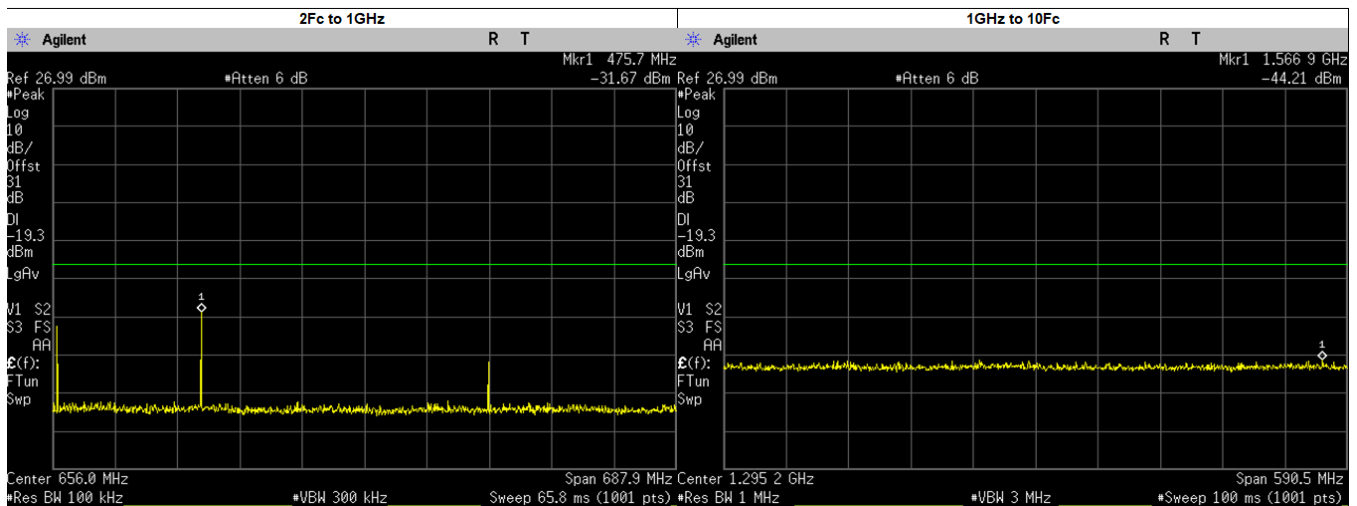
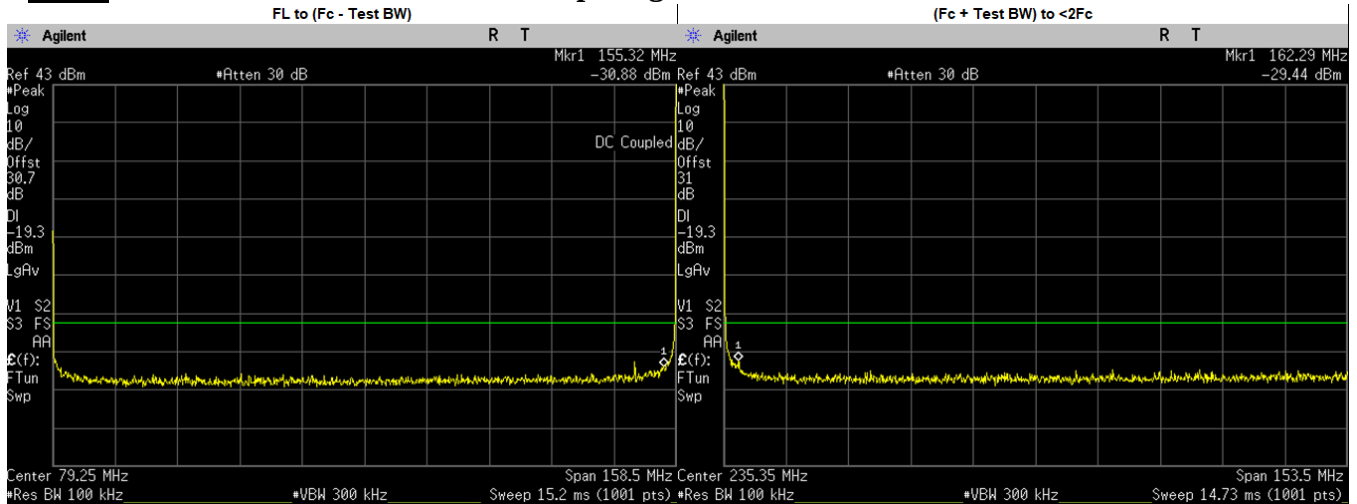
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	0.9200	-30.5080	-19.29	PASS
(Fc + Test BW) to <2Fc	155.3804	-30.5800	-19.29	PASS
2Fc to 1GHz	456.3000	-24.8200	-19.29	PASS
	304.1800	-44.7451	-19.29	PASS
	608.3600	-56.7119	-19.29	PASS
	760.4500	-47.6743	-19.29	PASS
	912.5400	-56.4454	-19.29	PASS
	456.2700	-29.6202	-19.29	PASS
1GHz to 10Fc	1268.7350	-44.1800	-19.29	PASS
	1064.6300	-45.8389	-19.29	PASS
	1216.7200	-45.7444	-19.29	PASS
	1368.8100	-46.2971	-19.29	PASS
	1520.9000	-46.1468	-19.29	PASS

LSM: 152.09. MHz, 12.5.kHz Channel Spacing, Low Power



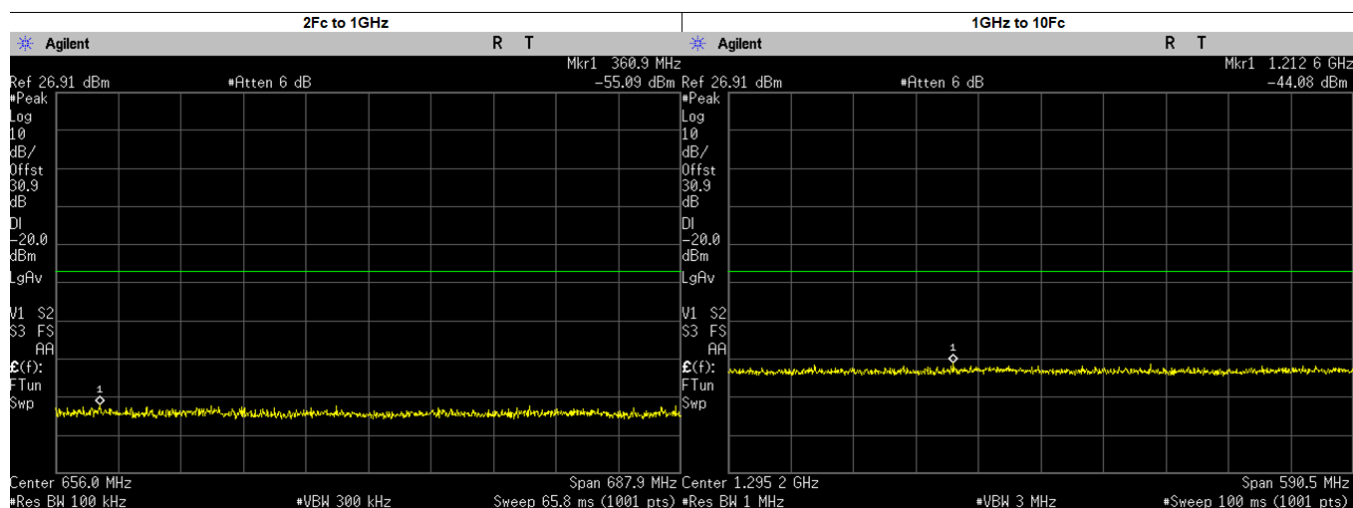
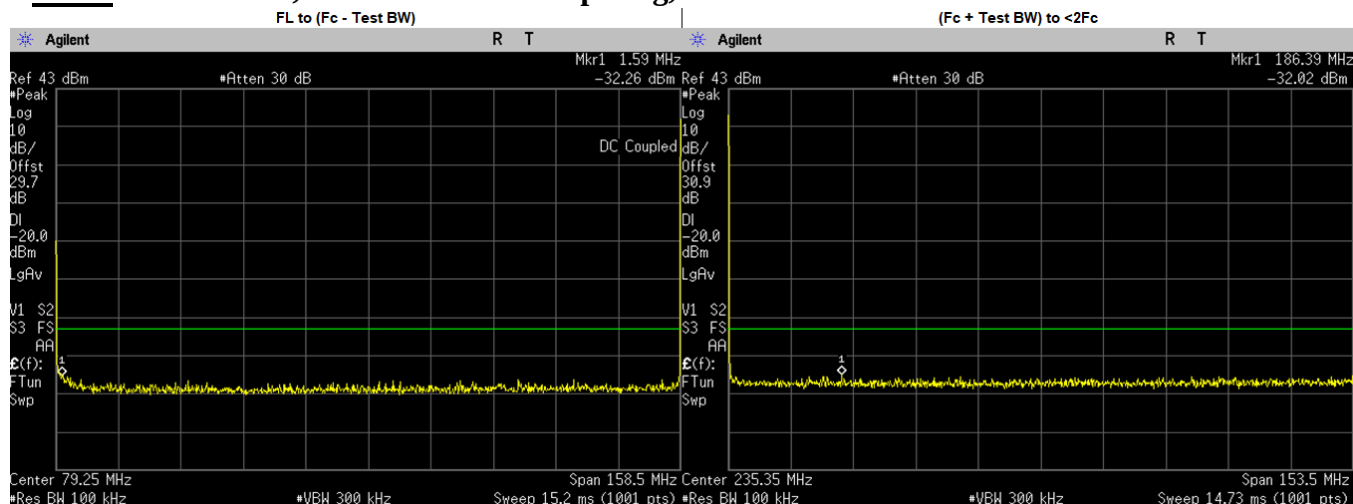
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	2.2900	-32.8090	-20.00	PASS
(Fc + Test BW) to <2Fc	202.8725	-32.0000	-20.00	PASS
2Fc to 1GHz	961.4549	-55.5900	-20.00	PASS
	304.1800	-57.6974	-20.00	PASS
	456.2700	-56.6129	-20.00	PASS
	608.3600	-58.0379	-20.00	PASS
	760.4500	-56.8453	-20.00	PASS
	912.5400	-57.9356	-20.00	PASS
1GHz to 10Fc	1095.1880	-44.8100	-20.00	PASS
	1064.6300	-46.7385	-20.00	PASS
	1216.7200	-46.7076	-20.00	PASS
	1368.8100	-46.8238	-20.00	PASS
	1520.9000	-46.5234	-20.00	PASS

LSM: 158.55. MHz, 12.5.kHz Channel Spacing, Max.Power



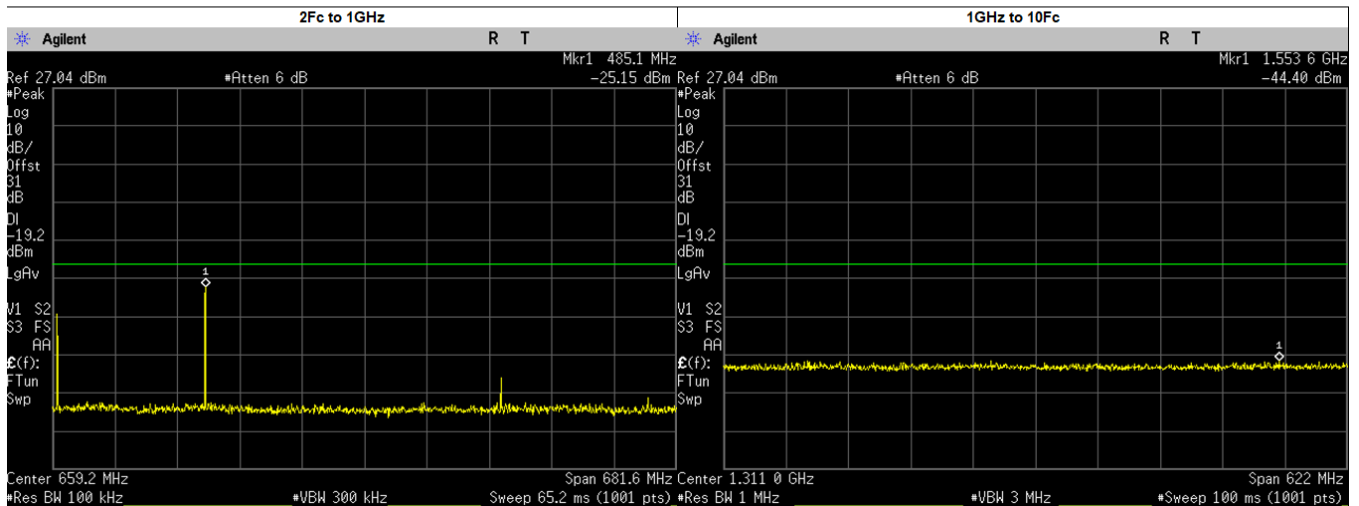
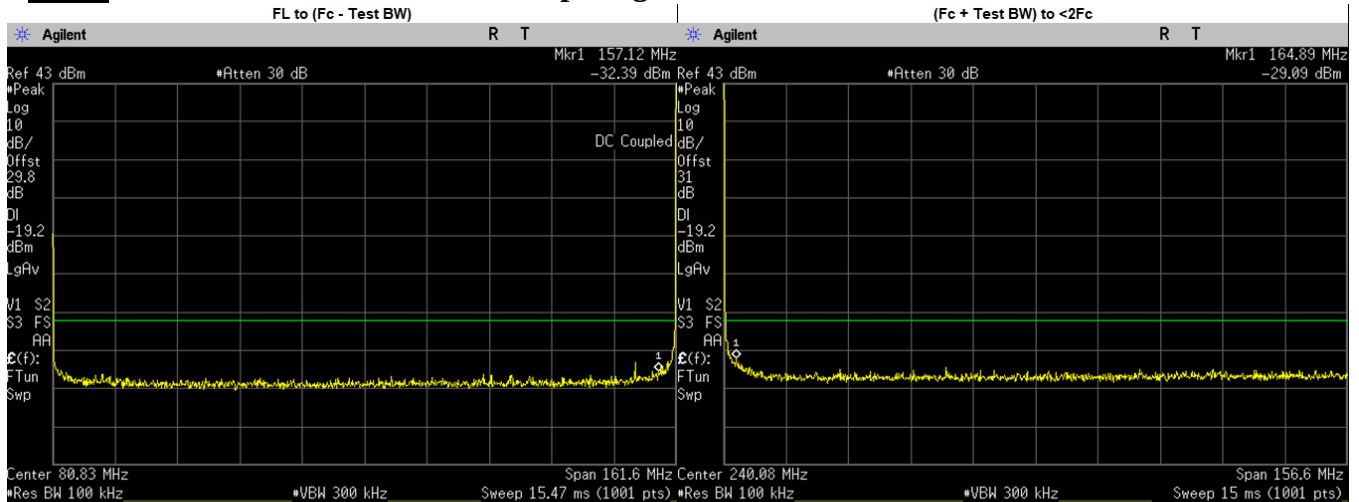
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	155.3200	-30.8800	-19.31	PASS
(Fc + Test BW) to <2Fc	162.2895	-29.4400	-19.31	PASS
2Fc to 1GHz	475.7000	-31.6700	-19.31	PASS
	317.1000	-40.6240	-19.31	PASS
	634.2000	-56.7191	-19.31	PASS
	792.7500	-48.0853	-19.31	PASS
	951.3000	-57.0451	-19.31	PASS
	475.6500	-37.7801	-19.31	PASS
1GHz to 10Fc	1566.8800	-44.2100	-19.31	PASS
	1109.8500	-45.9846	-19.31	PASS
	1268.4000	-45.8236	-19.31	PASS
	1426.9500	-47.0808	-19.31	PASS
	1585.5000	-46.3098	-19.31	PASS

LSM: 158.55. MHz, 12.5.kHz Channel Spacing, Low Power



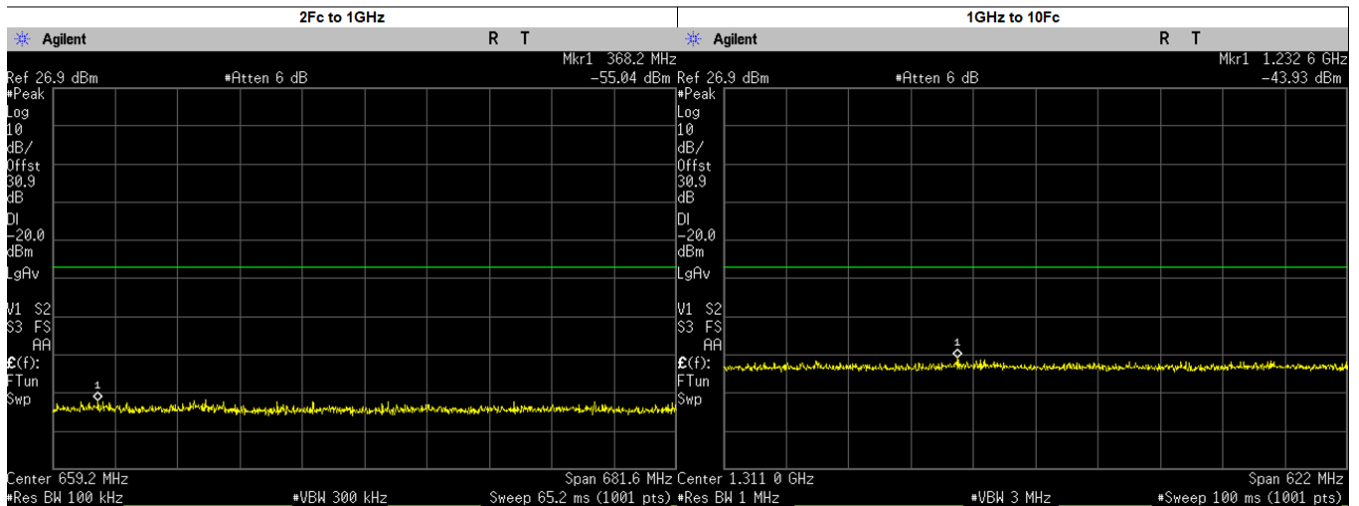
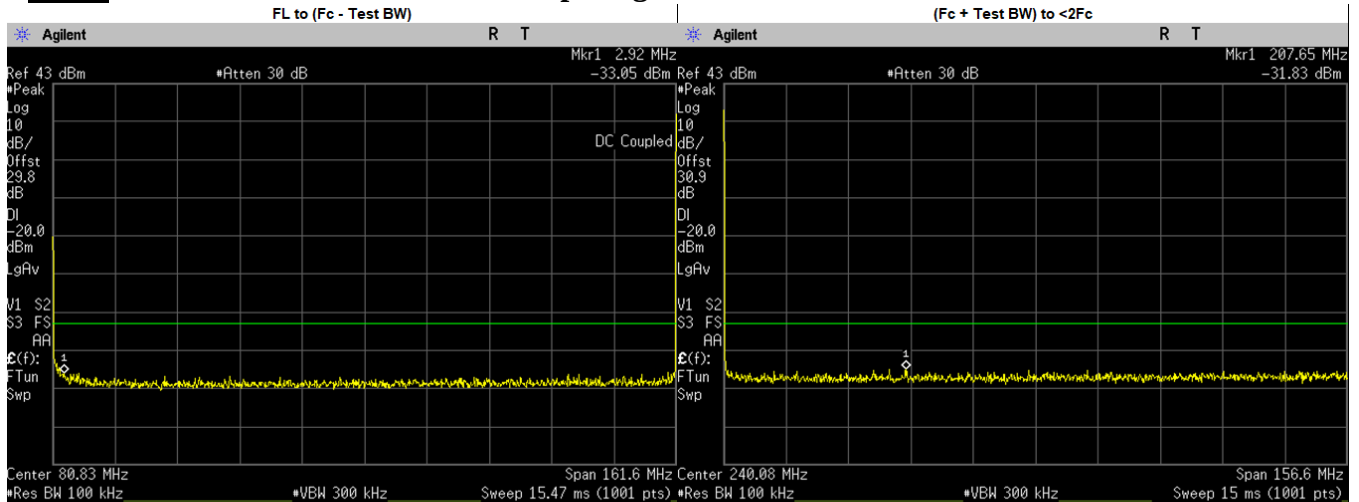
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	1.5900	-32.2610	-20.00	PASS
(Fc + Test BW) to <2Fc	186.3881	-32.0200	-20.00	PASS
2Fc to 1GHz	360.9409	-55.0900	-20.00	PASS
	317.1000	-56.6097	-20.00	PASS
	475.6500	-57.4710	-20.00	PASS
	634.2000	-57.4719	-20.00	PASS
	792.7500	-57.1217	-20.00	PASS
	951.3000	-58.0778	-20.00	PASS
1GHz to 10Fc	1212.5800	-44.0800	-20.00	PASS
	1109.8500	-47.2024	-20.00	PASS
	1268.4000	-46.1522	-20.00	PASS
	1426.9500	-46.4518	-20.00	PASS
	1585.5000	-46.0846	-20.00	PASS

LSM: 161.7. MHz, 12.5.kHz Channel Spacing, Max.Power



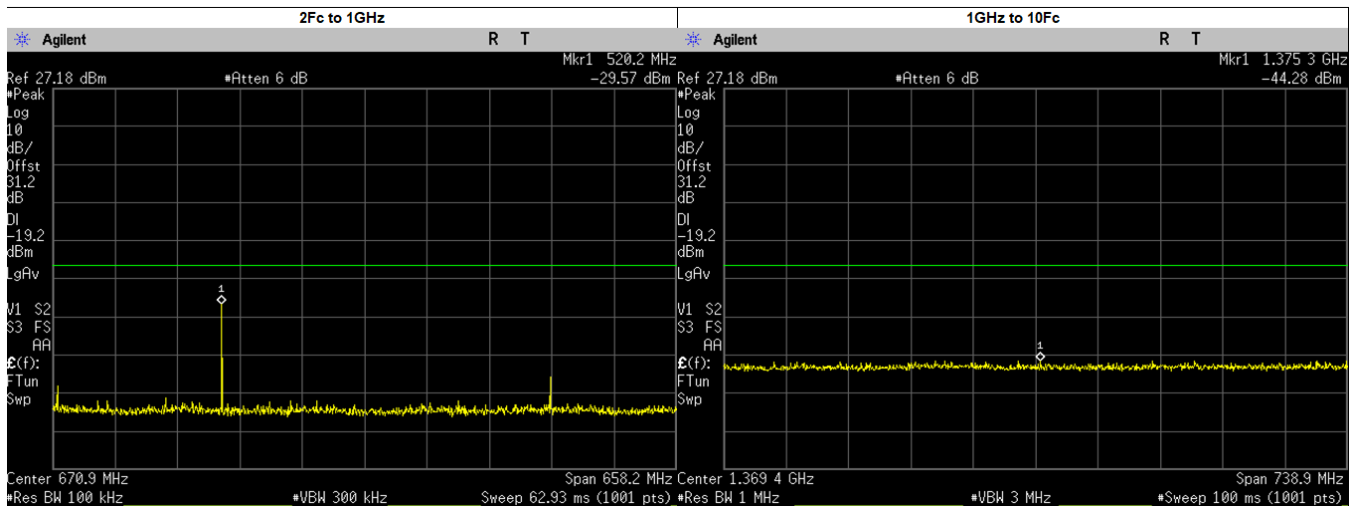
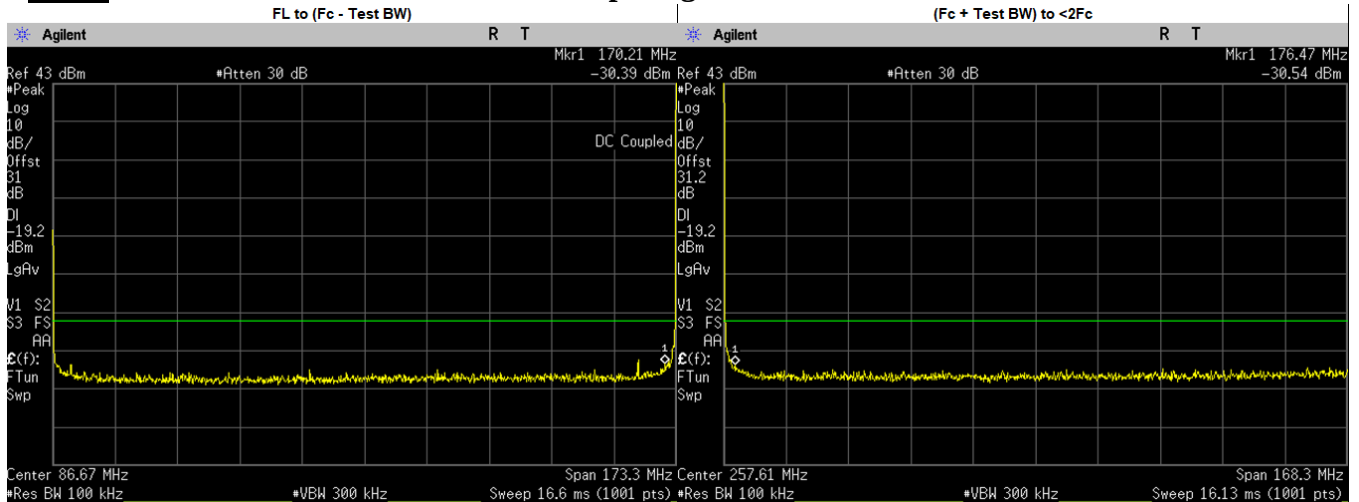
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	157.1200	-32.3920	-19.23	PASS
(Fc + Test BW) to <2Fc	164.8885	-29.0900	-19.23	PASS
2Fc to 1GHz	485.1000	-25.1500	-19.23	PASS
	808.5000	-49.3474	-19.23	PASS
	970.2000	-57.0106	-19.23	PASS
	484.7104	-27.8900	-19.23	PASS
	323.4000	-35.9406	-19.23	PASS
	485.1000	-26.3243	-19.23	PASS
1GHz to 10Fc	1553.5800	-44.4000	-19.23	PASS
	1131.9000	-46.0052	-19.23	PASS
	1293.6000	-46.4243	-19.23	PASS
	1455.3000	-46.5517	-19.23	PASS
	1617.0000	-46.1114	-19.23	PASS

LSM: 161.7. MHz, 12.5.kHz Channel Spacing, Low Power



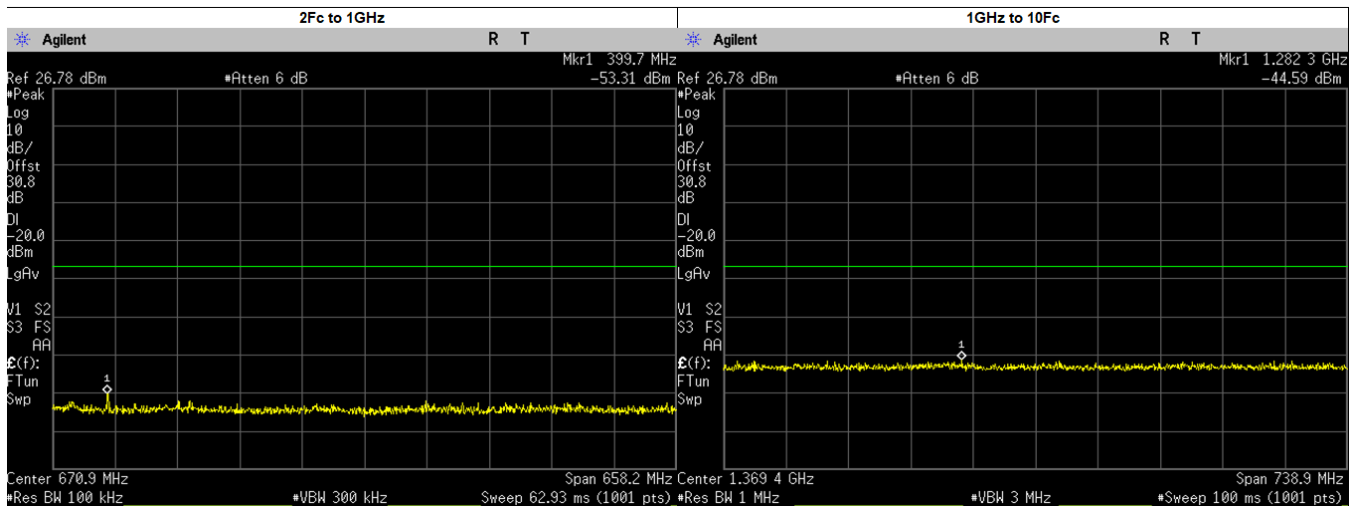
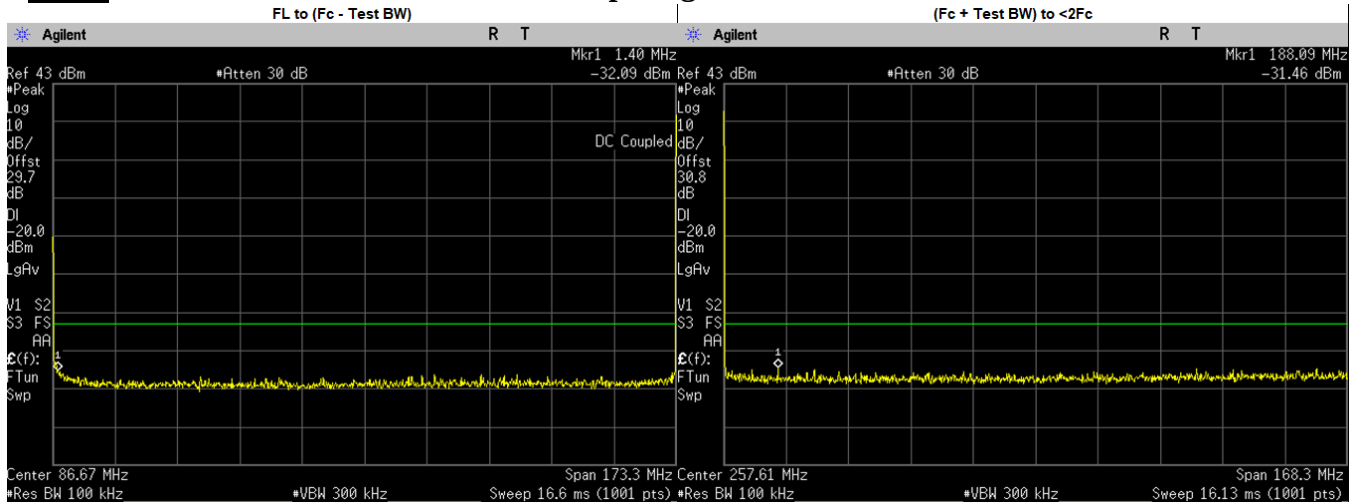
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	2.9200	-33.0460	-20.00	PASS
(Fc + Test BW) to <2Fc	207.6524	-31.8400	-20.00	PASS
2Fc to 1GHz	368.1568	-55.0400	-20.00	PASS
	323.4000	-56.1000	-20.00	PASS
	485.1000	-56.1038	-20.00	PASS
	646.8000	-57.6598	-20.00	PASS
	808.5000	-57.0069	-20.00	PASS
	970.2000	-58.0192	-20.00	PASS
1GHz to 10Fc	1232.6280	-43.9300	-20.00	PASS
	1131.9000	-46.4314	-20.00	PASS
	1293.6000	-46.4658	-20.00	PASS
	1455.3000	-46.4148	-20.00	PASS
	1617.0000	-46.9771	-20.00	PASS

LSM: 173.3875. MHz, 12.5.kHz Channel Spacing, Max.Power



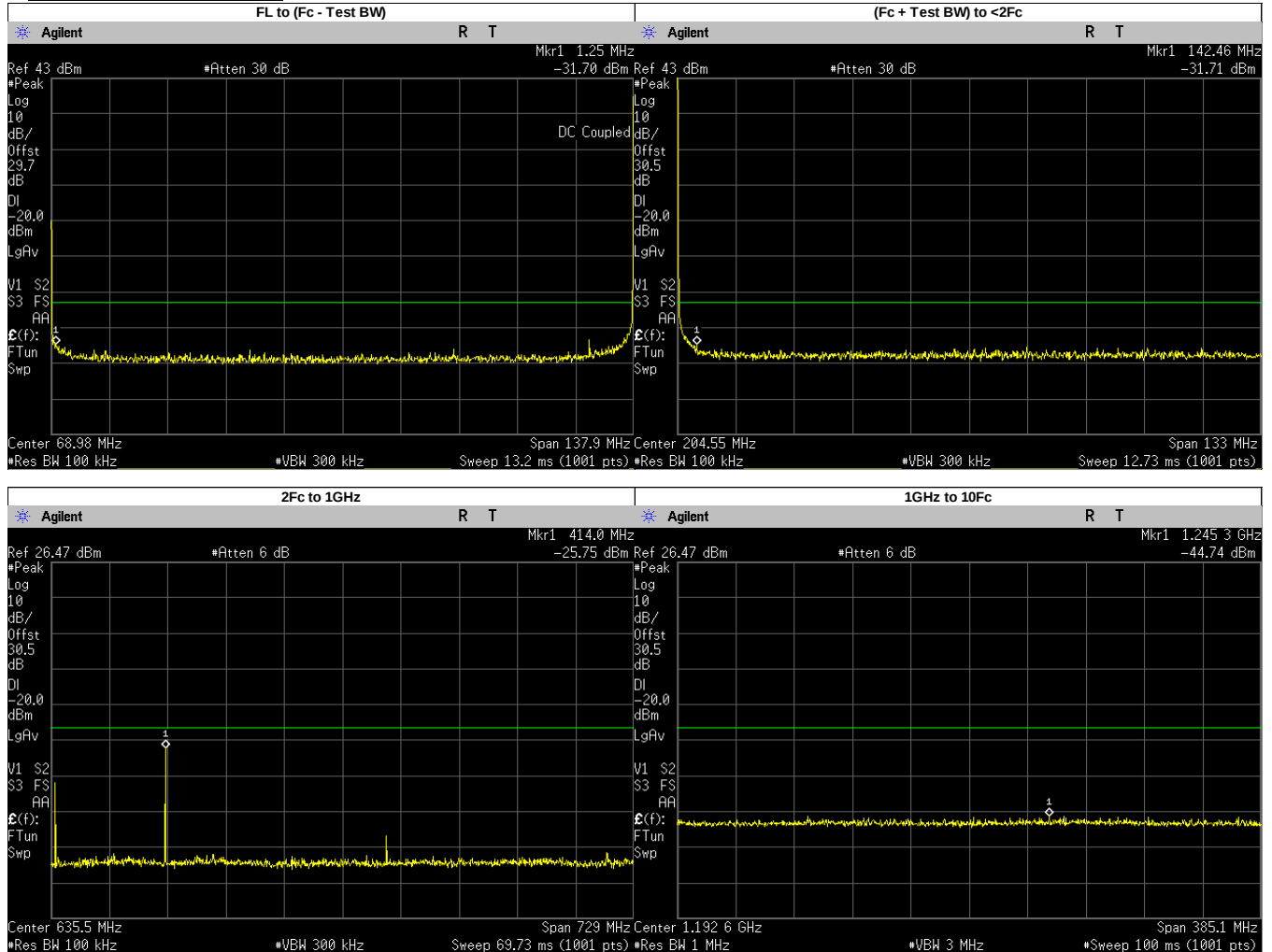
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	170.2100	-30.3900	-19.23	PASS
(Fc + Test BW) to <2Fc	176.4731	-30.5400	-19.23	PASS
2Fc to 1GHz	520.2000	-29.5700	-19.23	PASS
	346.7750	-52.7321	-19.23	PASS
	693.5500	-57.9558	-19.23	PASS
	866.9375	-50.0291	-19.23	PASS
	520.1625	-29.9366	-19.23	PASS
1GHz to 10Fc	1375.3490	-44.2800	-19.23	PASS
	1040.3250	-46.5046	-19.23	PASS
	1213.7130	-45.8220	-19.23	PASS
	1387.1000	-46.3631	-19.23	PASS
	1560.4870	-45.3121	-19.23	PASS
	1733.8750	-45.1852	-19.23	PASS

LSM: 173.3875. MHz, 12.5.kHz Channel Spacing, Low Power



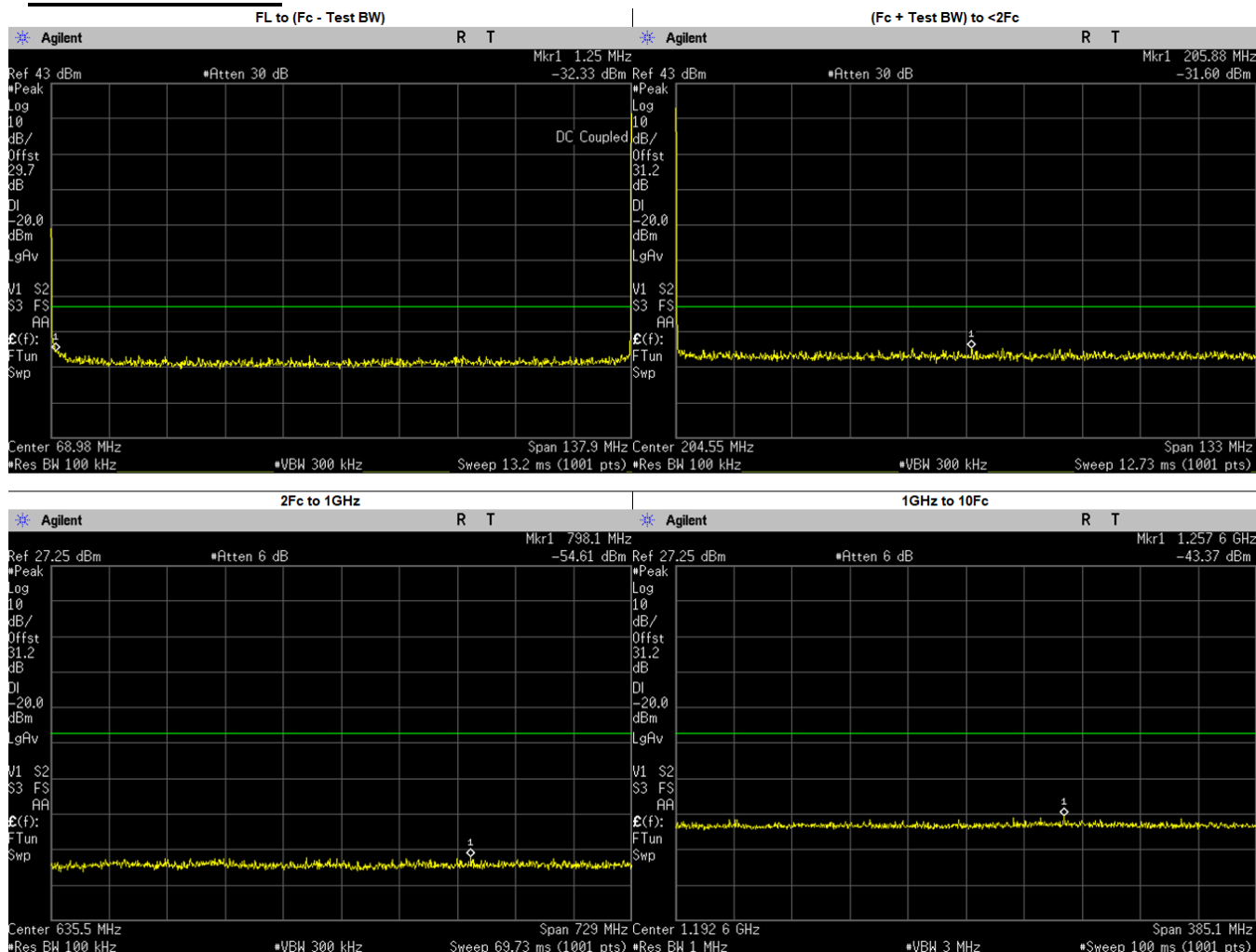
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	1.4000	-32.0920	-20.00	PASS
(Fc + Test BW) to <2Fc	188.0880	-31.4600	-20.00	PASS
2Fc to 1GHz	399.6988	-53.3100	-20.00	PASS
	346.7750	-57.1825	-20.00	PASS
	520.1625	-58.1036	-20.00	PASS
	693.5500	-57.7775	-20.00	PASS
	866.9375	-57.3988	-20.00	PASS
1GHz to 10Fc	1282.2500	-44.5900	-20.00	PASS
	1040.3250	-46.0599	-20.00	PASS
	1213.7130	-46.4919	-20.00	PASS
	1387.1000	-45.9813	-20.00	PASS
	1560.4870	-46.3398	-20.00	PASS
	1733.8750	-46.6322	-20.00	PASS

HDQPSK: 138.0125. MHz, 12.5.kHz Channel Spacing, Max.Power
Not for FCC review



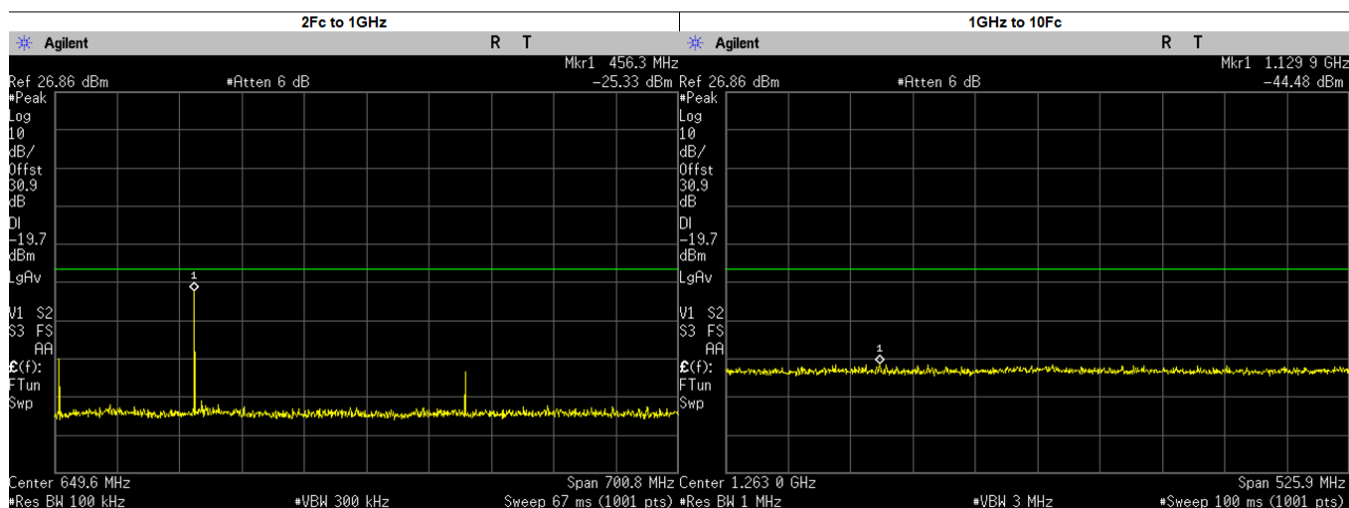
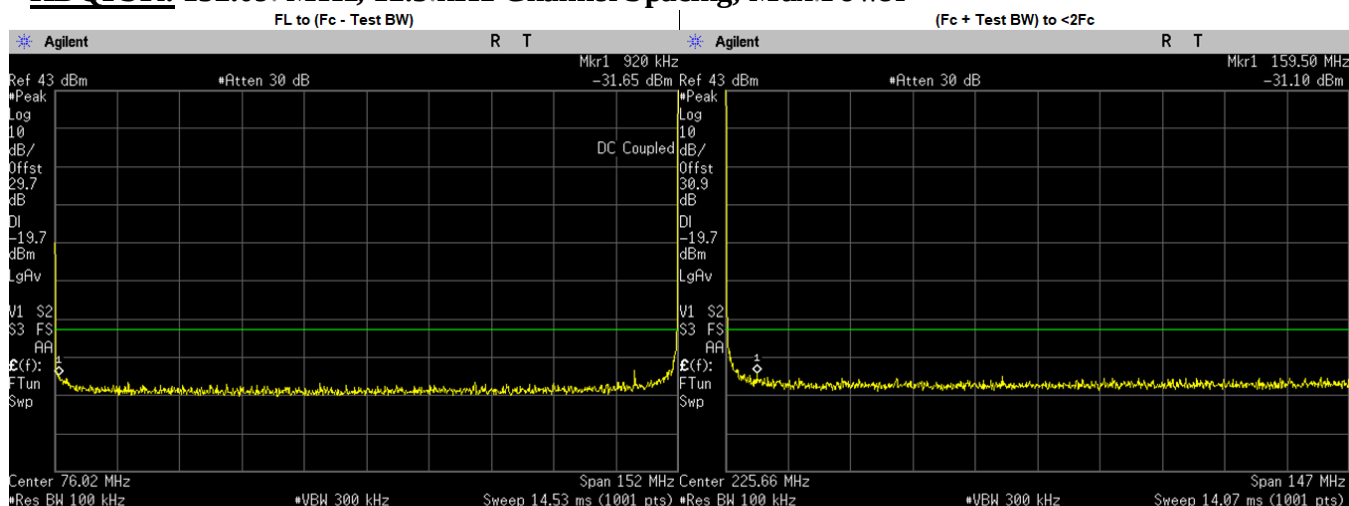
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	1.2500	-31.7010	-20.00	PASS
(Fc + Test BW) to <2Fc	142.4557	-31.7100	-20.00	PASS
2Fc to 1GHz	414.0000	-25.7500	-20.00	PASS
	552.0500	-58.3935	-20.00	PASS
	690.0625	-51.7042	-20.00	PASS
	828.0750	-58.3416	-20.00	PASS
	966.0875	-55.2928	-20.00	PASS
	276.0250	-38.6655	-20.00	PASS
	414.0375	-31.5460	-20.00	PASS
1GHz to 10Fc	1245.3250	-44.7400	-20.00	PASS
	1104.1000	-46.9889	-20.00	PASS
	1242.1120	-47.1633	-20.00	PASS
	1380.1250	-46.5485	-20.00	PASS

HDQPSK: 138.0125. MHz, 12.5.kHz Channel Spacing, Low Power **Not for FCC review**



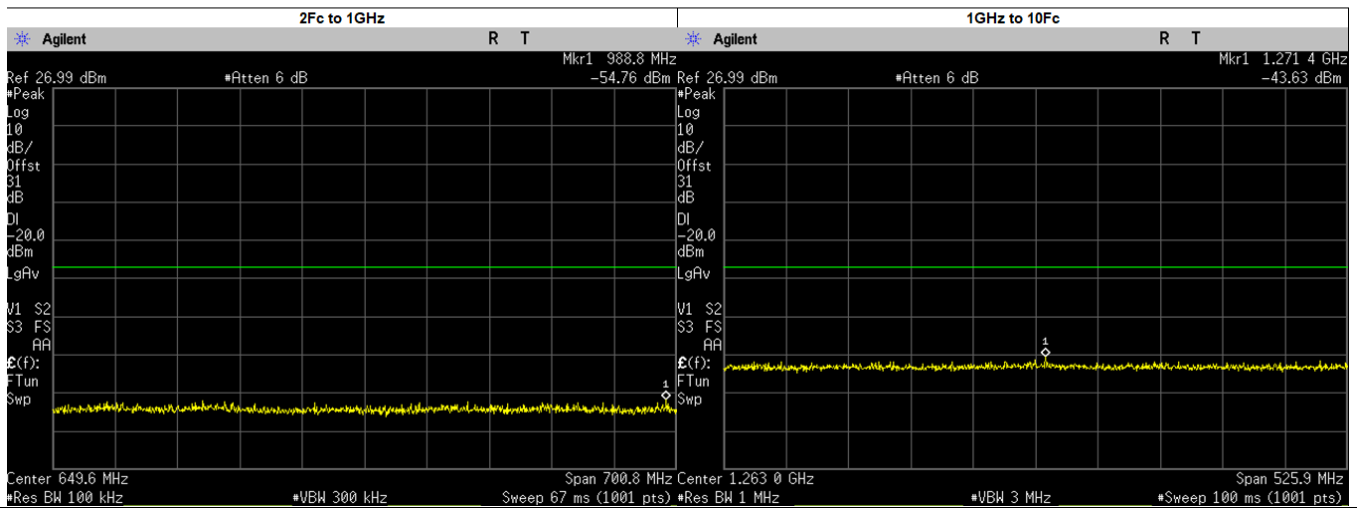
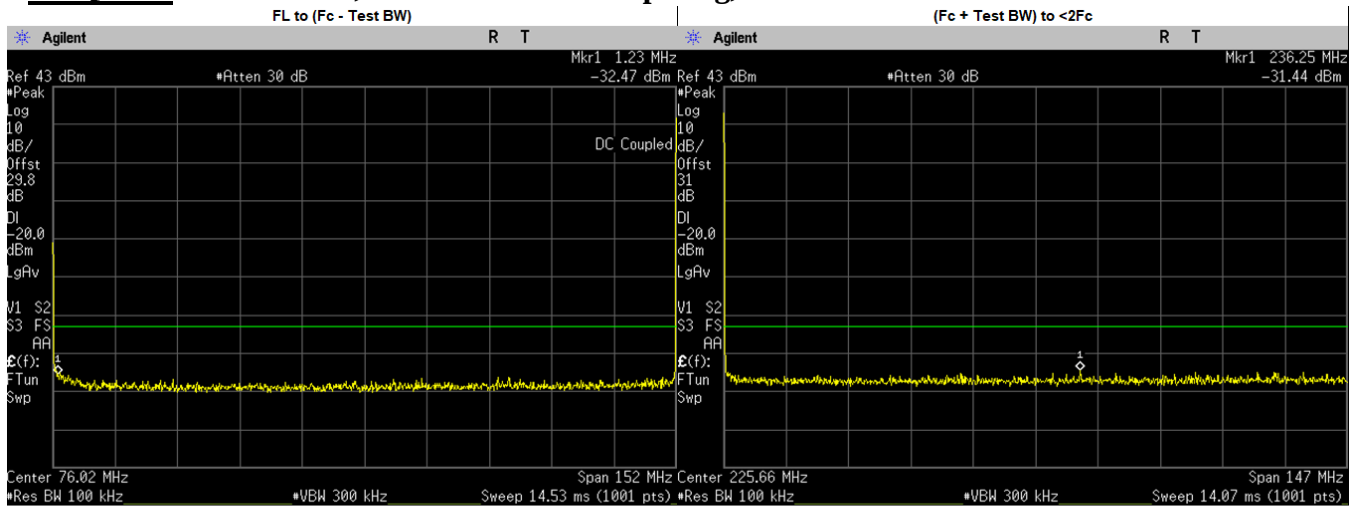
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	1.2500	-32.3290	-20.00	PASS
(Fc + Test BW) to <2Fc	205.8761	-31.6000	-20.00	PASS
2Fc to 1GHz	798.0739	-54.6100	-20.00	PASS
	276.0250	-56.7107	-20.00	PASS
	414.0375	-55.6677	-20.00	PASS
	552.0500	-57.4856	-20.00	PASS
	690.0625	-57.4869	-20.00	PASS
	828.0750	-57.2982	-20.00	PASS
	966.0875	-57.6151	-20.00	PASS
1GHz to 10Fc	1257.6490	-43.3700	-20.00	PASS
	1104.1000	-45.5925	-20.00	PASS
	1242.1120	-44.9645	-20.00	PASS
	1380.1250	-46.1999	-20.00	PASS

HDQPSK: 152.09. MHz, 12.5.kHz Channel Spacing, Max.Power



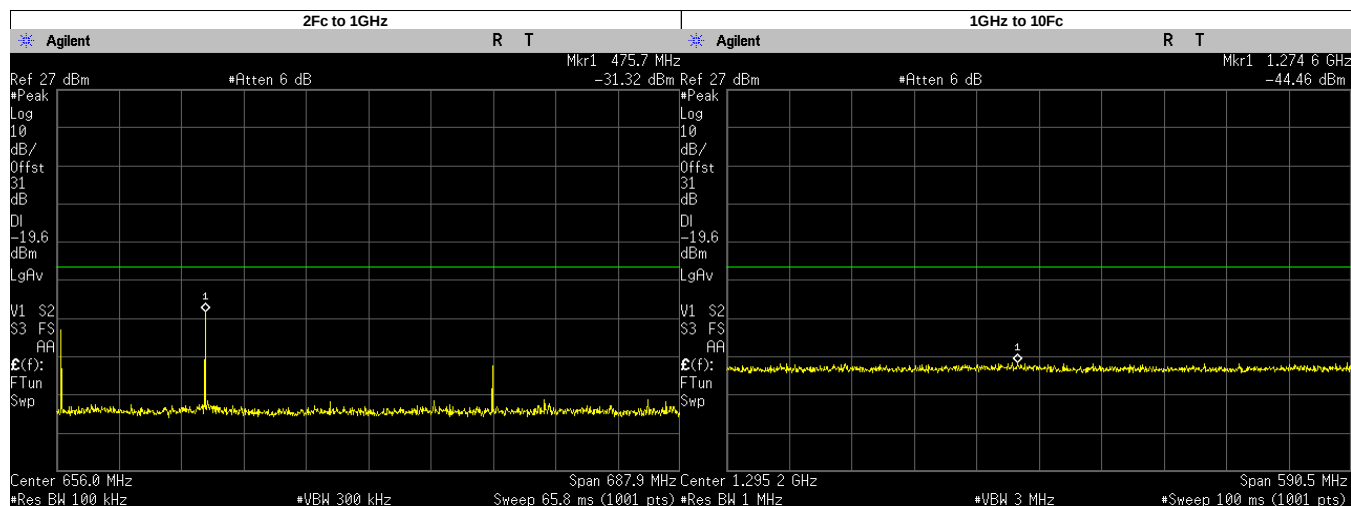
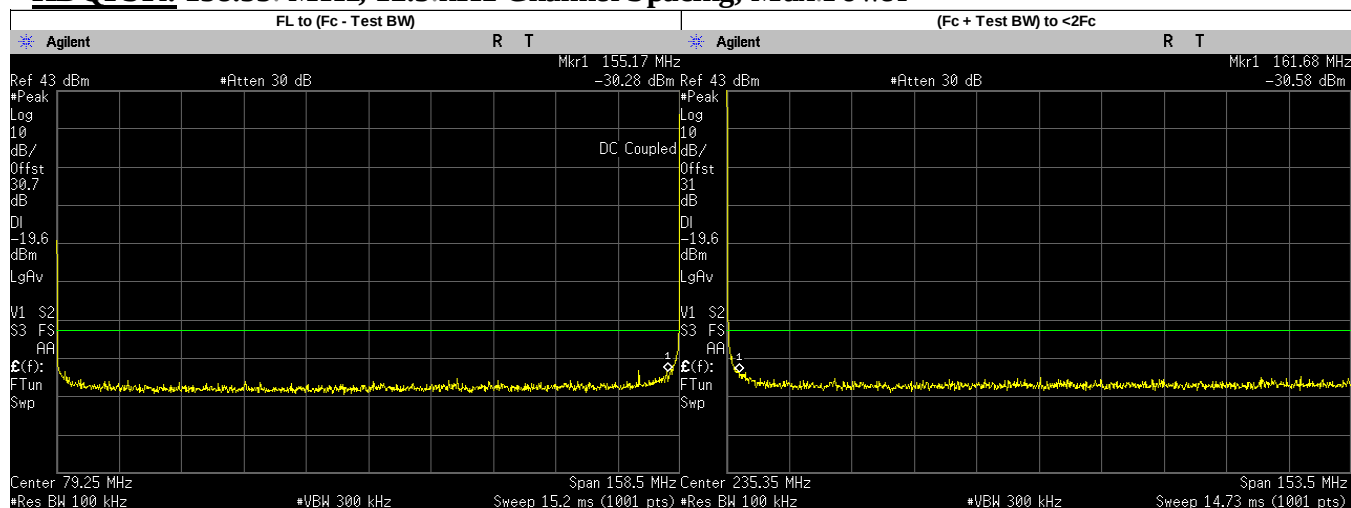
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	0.9200	-31.6500	-19.66	PASS
(Fc + Test BW) to <2Fc	159.4973	-31.1000	-19.66	PASS
2Fc to 1GHz	456.3000	-25.3300	-19.66	PASS
	304.1800	-45.0895	-19.66	PASS
	608.3600	-56.9778	-19.66	PASS
	760.4500	-48.6674	-19.66	PASS
	912.5400	-56.7737	-19.66	PASS
	456.2700	-30.1824	-19.66	PASS
1GHz to 10Fc	1129.8970	-44.4800	-19.66	PASS
	1064.6300	-46.7509	-19.66	PASS
	1216.7200	-45.9368	-19.66	PASS
	1368.8100	-46.0108	-19.66	PASS
	1520.9000	-46.0599	-19.66	PASS

HDQPSK: 152.09. MHz, 12.5.kHz Channel Spacing, Low Power



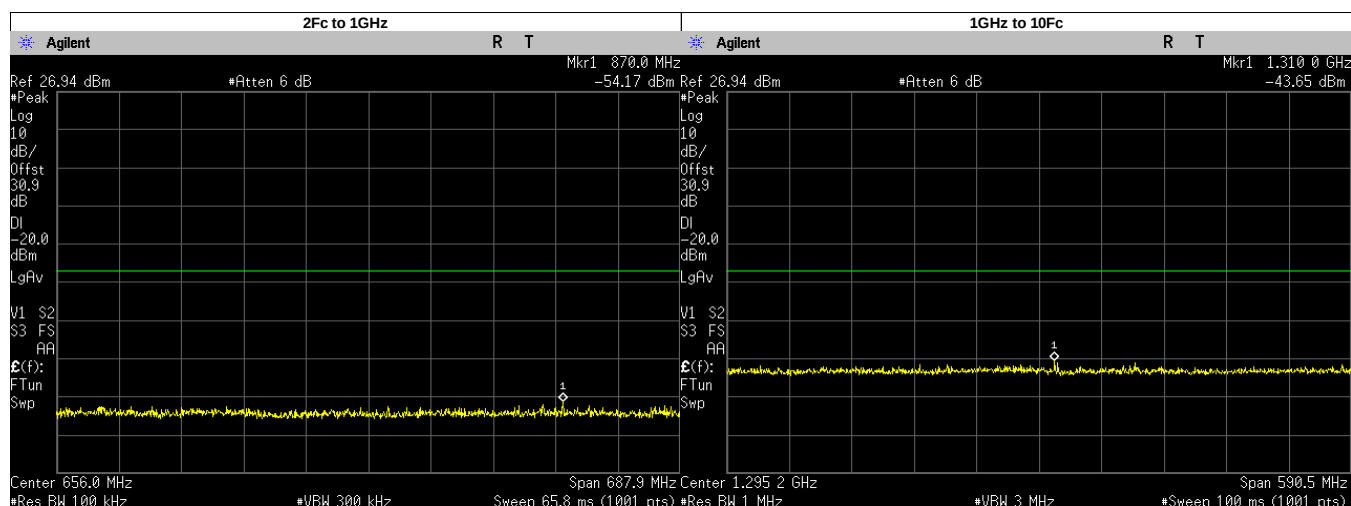
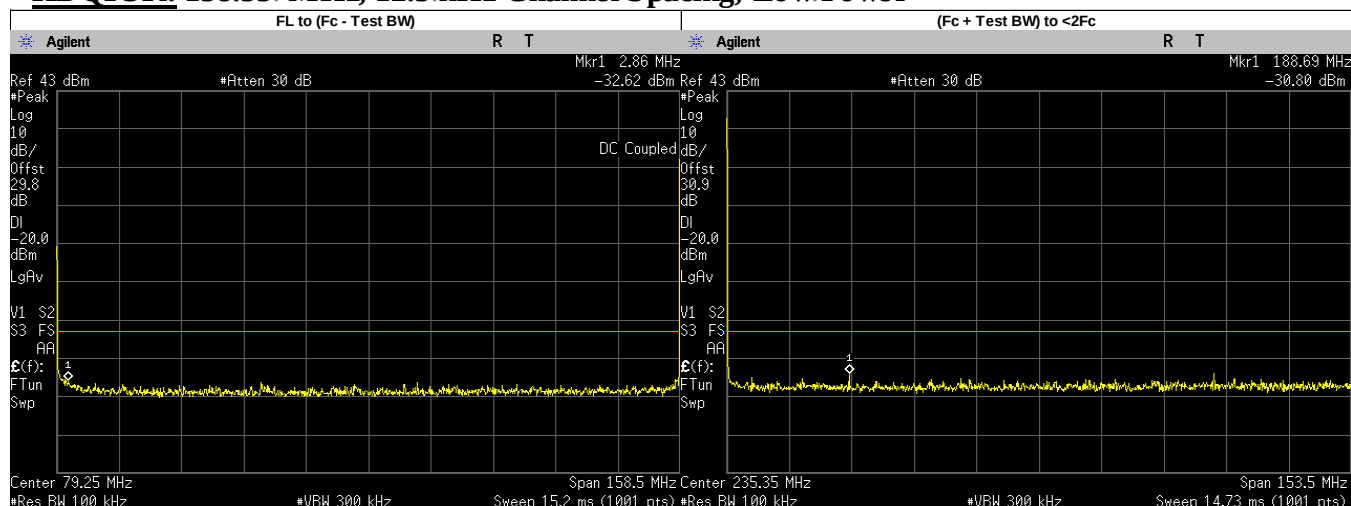
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	1.2300	-32.4710	-20.00	PASS
(Fc + Test BW) to <2Fc	236.2493	-31.4400	-20.00	PASS
2Fc to 1GHz	988.7869	-54.7600	-20.00	PASS
	304.1800	-58.2286	-20.00	PASS
	456.2700	-56.0029	-20.00	PASS
	608.3600	-57.3939	-20.00	PASS
	760.4500	-56.5237	-20.00	PASS
	912.5400	-56.8401	-20.00	PASS
1GHz to 10Fc	1271.3640	-43.6300	-20.00	PASS
	1064.6300	-46.7154	-20.00	PASS
	1216.7200	-46.4279	-20.00	PASS
	1368.8100	-45.7145	-20.00	PASS
	1520.9000	-46.1658	-20.00	PASS

HDQPSK: 158.55. MHz, 12.5.kHz Channel Spacing, Max.Power



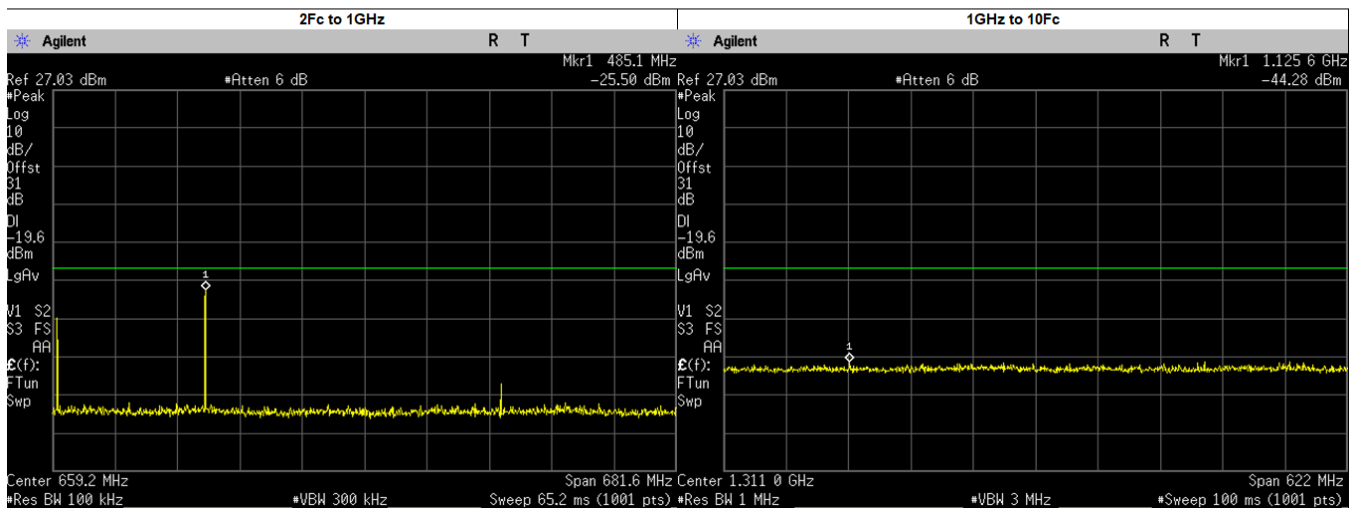
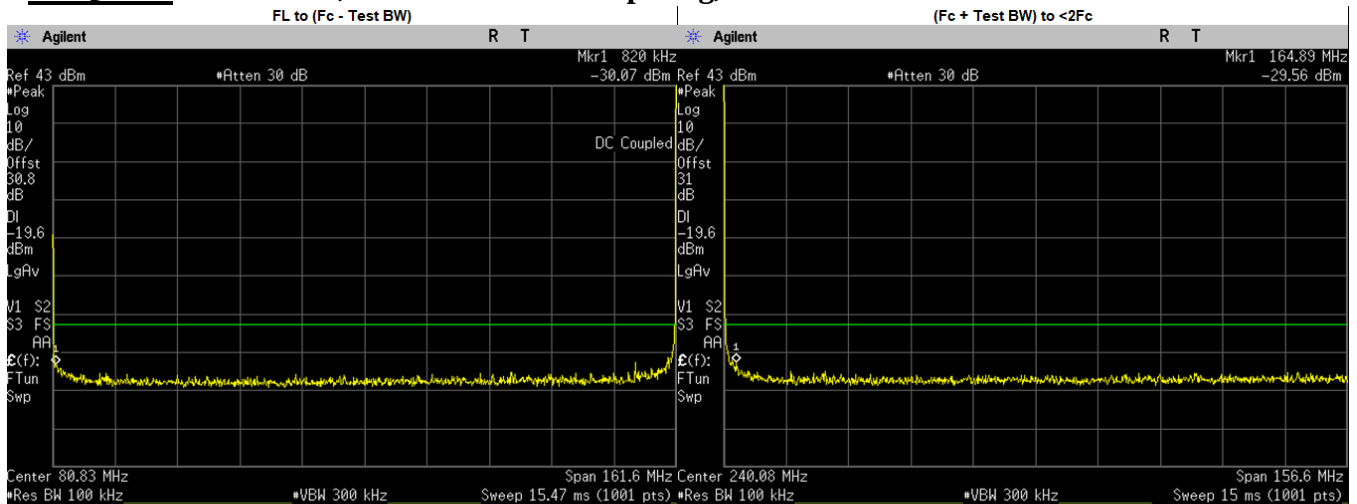
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	155.1700	-30.2780	-19.60	PASS
(Fc + Test BW) to <2Fc	161.6755	-30.5800	-19.60	PASS
2Fc to 1GHz	475.7000	-31.3200	-19.60	PASS
	317.1000	-41.3043	-19.60	PASS
	634.2000	-57.8125	-19.60	PASS
	792.7500	-48.7075	-19.60	PASS
	951.3000	-57.7556	-19.60	PASS
	475.6500	-37.4427	-19.60	PASS
1GHz to 10Fc	1274.5820	-44.4600	-19.60	PASS
	1109.8500	-46.3286	-19.60	PASS
	1268.4000	-45.8515	-19.60	PASS
	1426.9500	-46.6485	-19.60	PASS
	1585.5000	-46.4505	-19.60	PASS

HDQPSK: 158.55. MHz, 12.5.kHz Channel Spacing, Low Power



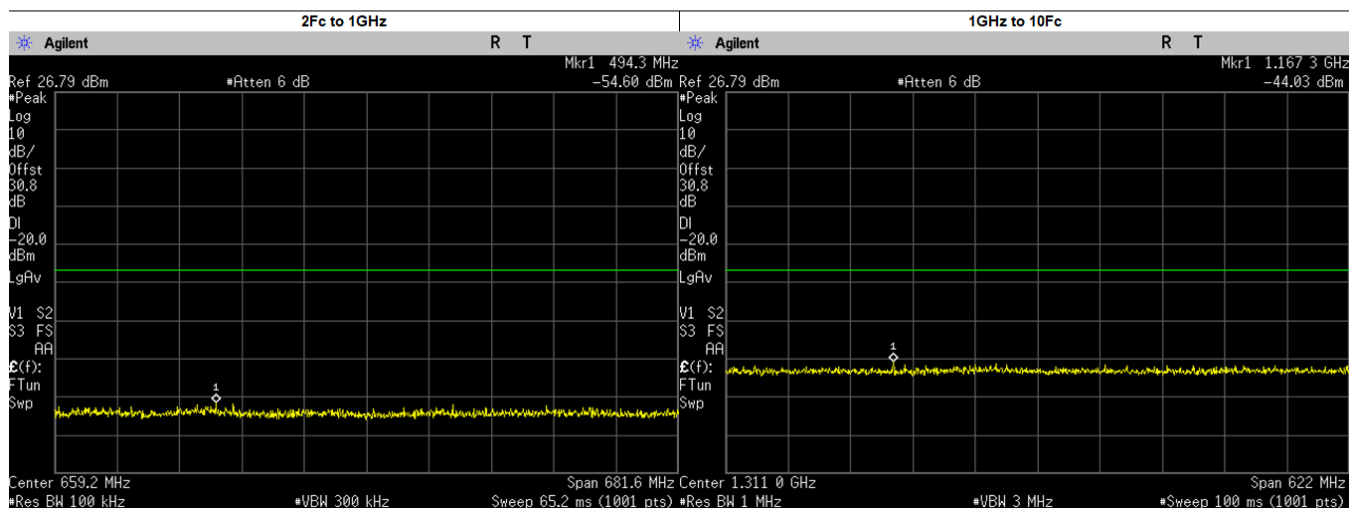
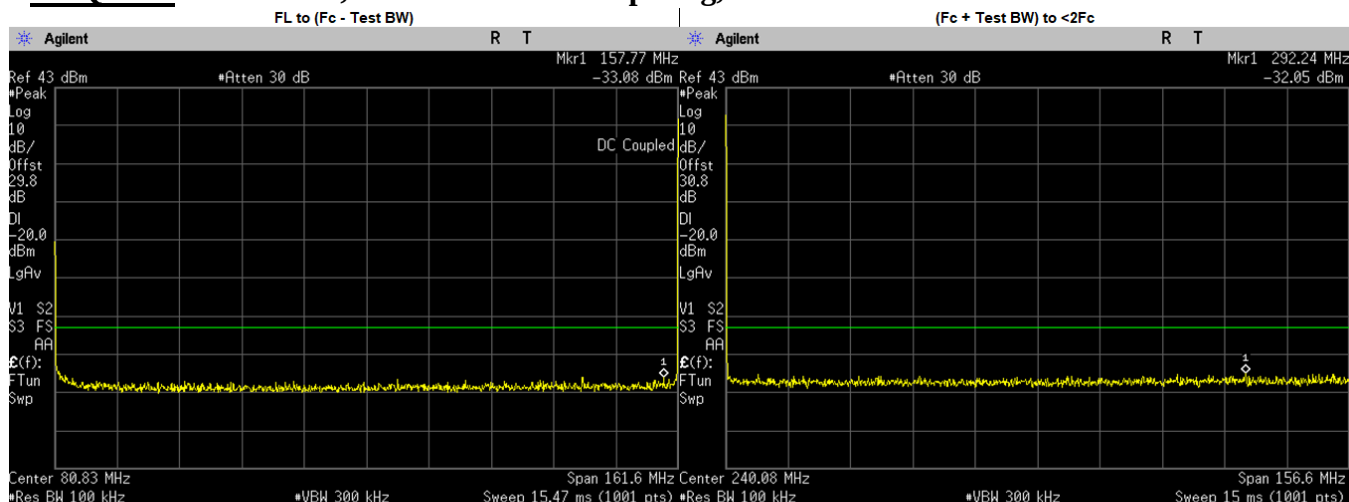
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	2.8600	-32.6150	-20.00	PASS
(Fc + Test BW) to <2Fc	188.6905	-30.8000	-20.00	PASS
2Fc to 1GHz	869.9869	-54.1700	-20.00	PASS
	317.1000	-56.6716	-20.00	PASS
	475.6500	-57.2537	-20.00	PASS
	634.2000	-56.5876	-20.00	PASS
	792.7500	-57.0254	-20.00	PASS
	951.3000	-57.7447	-20.00	PASS
1GHz to 10Fc	1310.0130	-43.6500	-20.00	PASS
	1109.8500	-46.2354	-20.00	PASS
	1268.4000	-46.2427	-20.00	PASS
	1426.9500	-46.7324	-20.00	PASS
	1585.5000	-46.0067	-20.00	PASS

HDQPSK: 161.7. MHz, 12.5.kHz Channel Spacing, Max.Power



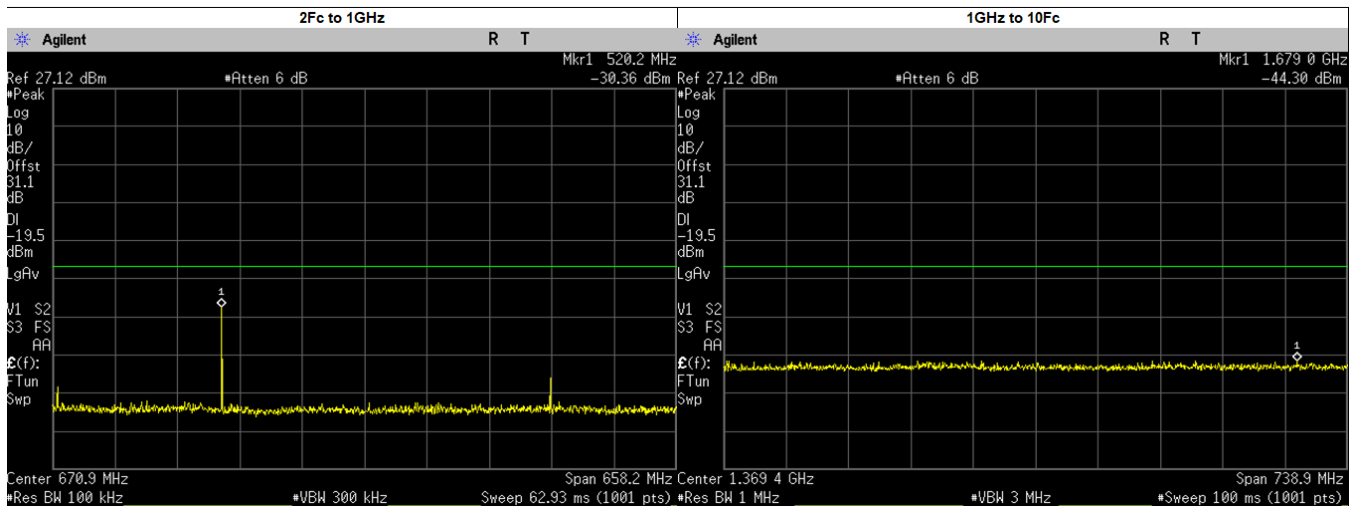
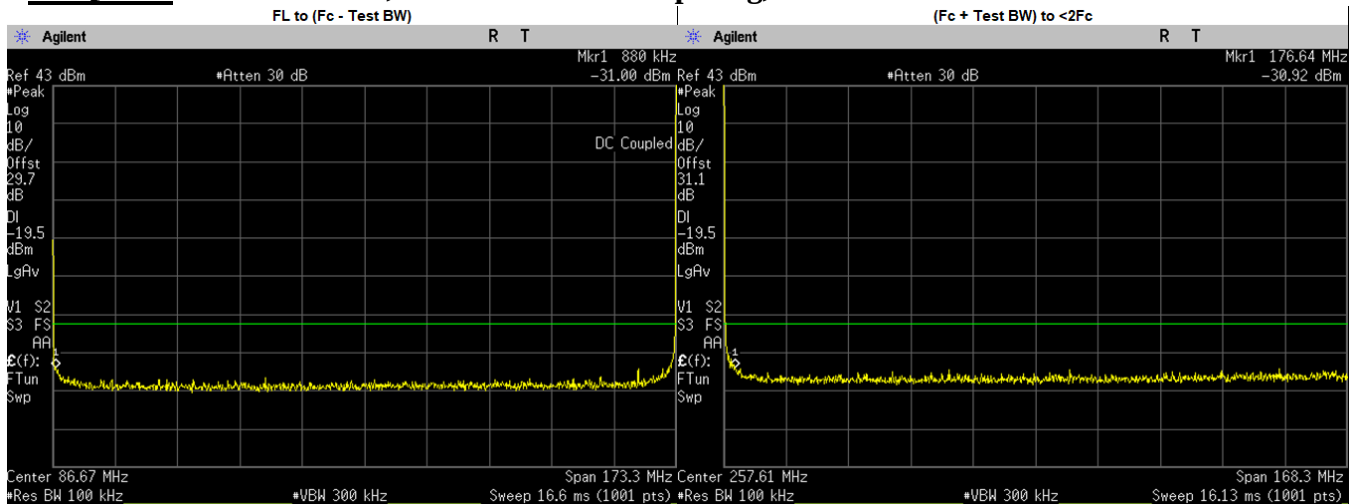
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	0.8200	-30.0690	-19.63	PASS
(Fc + Test BW) to <2Fc	164.8885	-29.5600	-19.63	PASS
2Fc to 1GHz	485.1000	-25.5000	-19.63	PASS
	808.5000	-50.4515	-19.63	PASS
	970.2000	-57.4277	-19.63	PASS
	484.7104	-28.3700	-19.63	PASS
	323.4000	-36.6245	-19.63	PASS
	485.1000	-26.7310	-19.63	PASS
1GHz to 10Fc	1125.6440	-44.2800	-19.63	PASS
	1131.9000	-46.1155	-19.63	PASS
	1293.6000	-46.5164	-19.63	PASS
	1455.3000	-45.8692	-19.63	PASS
	1617.0000	-45.9982	-19.63	PASS

HDQPSK: 161.7. MHz, 12.5.kHz Channel Spacing, Low Power



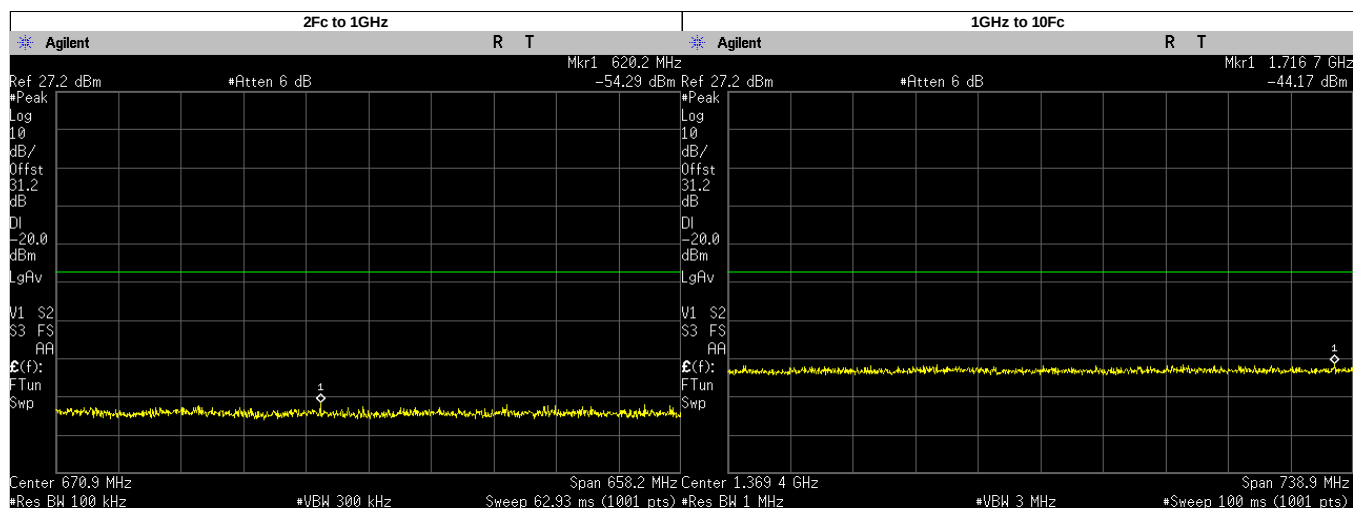
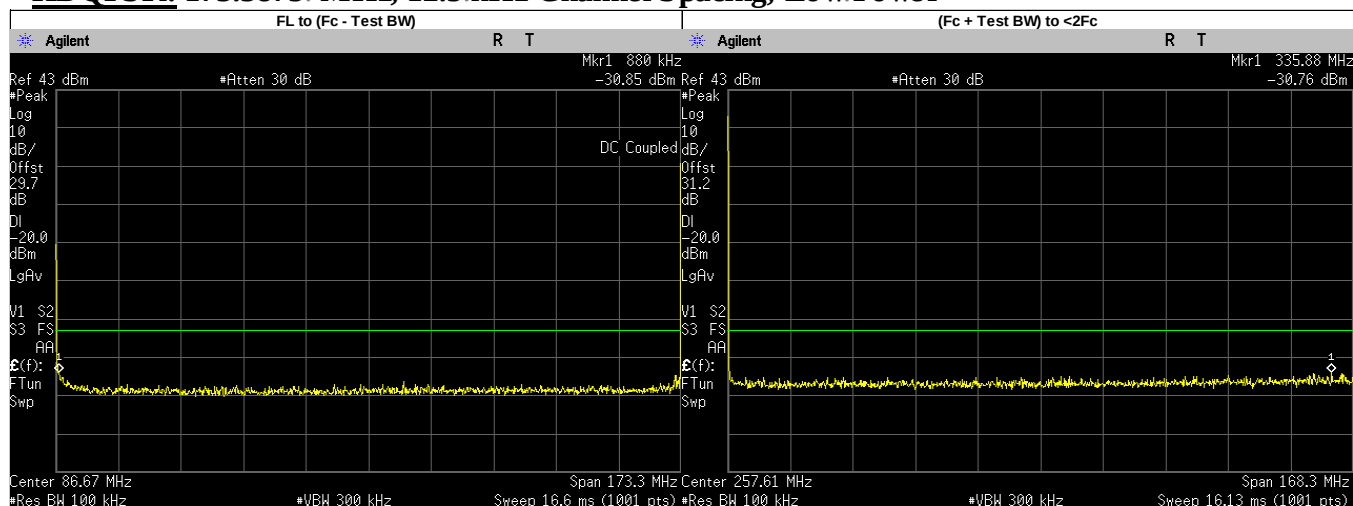
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	157.7700	-33.0760	-20.00	PASS
(Fc + Test BW) to <2Fc	292.2404	-32.0500	-20.00	PASS
2Fc to 1GHz	494.2528	-54.6000	-20.00	PASS
	323.4000	-56.6120	-20.00	PASS
	485.1000	-56.1289	-20.00	PASS
	646.8000	-57.4089	-20.00	PASS
	808.5000	-57.1333	-20.00	PASS
	970.2000	-58.0701	-20.00	PASS
1GHz to 10Fc	1167.3180	-44.0300	-20.00	PASS
	1131.9000	-46.9087	-20.00	PASS
	1293.6000	-46.8759	-20.00	PASS
	1455.3000	-46.6260	-20.00	PASS
	1617.0000	-46.0346	-20.00	PASS

HDQPSK: 173.3875. MHz, 12.5.kHz Channel Spacing, Max.Power



Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	0.8800	-31.0020	-19.53	PASS
(Fc + Test BW) to <2Fc	176.6414	-30.9200	-19.53	PASS
2Fc to 1GHz	520.2000	-30.3600	-19.53	PASS
	346.7750	-52.5694	-19.53	PASS
	693.5500	-57.8307	-19.53	PASS
	866.9375	-50.3646	-19.53	PASS
	520.1625	-30.7077	-19.53	PASS
1GHz to 10Fc	1679.0260	-44.3000	-19.53	PASS
	1040.3250	-45.9873	-19.53	PASS
	1213.7130	-45.9559	-19.53	PASS
	1387.1000	-46.5516	-19.53	PASS
	1560.4870	-45.7205	-19.53	PASS
	1733.8750	-46.5284	-19.53	PASS

HDQPSK: 173.3875. MHz, 12.5.kHz Channel Spacing, Low Power



Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	0.8800	-30.8460	-20.00	PASS
(Fc + Test BW) to <2Fc	335.8834	-30.7600	-20.00	PASS
2Fc to 1GHz	620.2042	-54.2900	-20.00	PASS
	346.7750	-57.3464	-20.00	PASS
	520.1625	-56.8210	-20.00	PASS
	693.5500	-57.3174	-20.00	PASS
	866.9375	-55.3560	-20.00	PASS
1GHz to 10Fc	1716.7090	-44.1700	-20.00	PASS
	1040.3250	-45.6535	-20.00	PASS
	1213.7130	-45.3668	-20.00	PASS
	1387.1000	-45.1591	-20.00	PASS
	1560.4870	-46.1819	-20.00	PASS
	1733.8750	-45.7924	-20.00	PASS

6.10.4. Test Limit

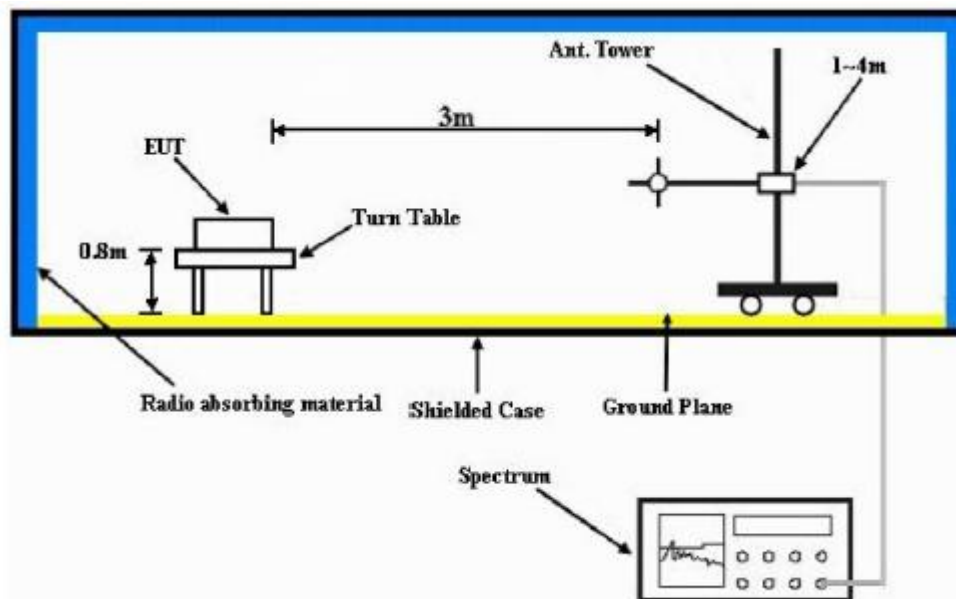
Table below summarized the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least

Channel Spacing	Part 22	Part 24D	Part 74	Part 80	Part 90 (UHF, VHF, 800, 900)	Part 90 (700)
12.5kHz	$43 + \log_{10}(P)$ (-13 dBm)	$43 + \log_{10}(P)$ (-13 dBm)	$43 + \log_{10}(P)$ (-13 dBm)	Not Applicable	$50 + \log_{10}(P)$ (-20 dBm)	$43 + \log_{10}(P)$ (-13 dBm)
25kHz		Not Applicable		$43 + \log_{10}(P)$ (-13 dBm)	$43 + \log_{10}(P)$ (-13 dBm)	$43 + \log_{10}(P)$ (-13 dBm)

Channel Spacing	RSS 134	RSS 182	RSS 119 (UHF, VHF, 800, 900)	RSS 119 (700)
12.5kHz	$43 + \log_{10}(P)$ (-13 dBm)	Not Applicable	$50 + \log_{10}(P)$ (-20 dBm)	$43 + \log_{10}(P)$ (-13 dBm)
25kHz	Not Applicable	$43 + \log_{10}(P)$ (-13 dBm)	$43 + \log_{10}(P)$ (-13 dBm)	$43 + \log_{10}(P)$ (-13 dBm)

6.11. Radiated Spurious Emission

6.11.1. Test Setup



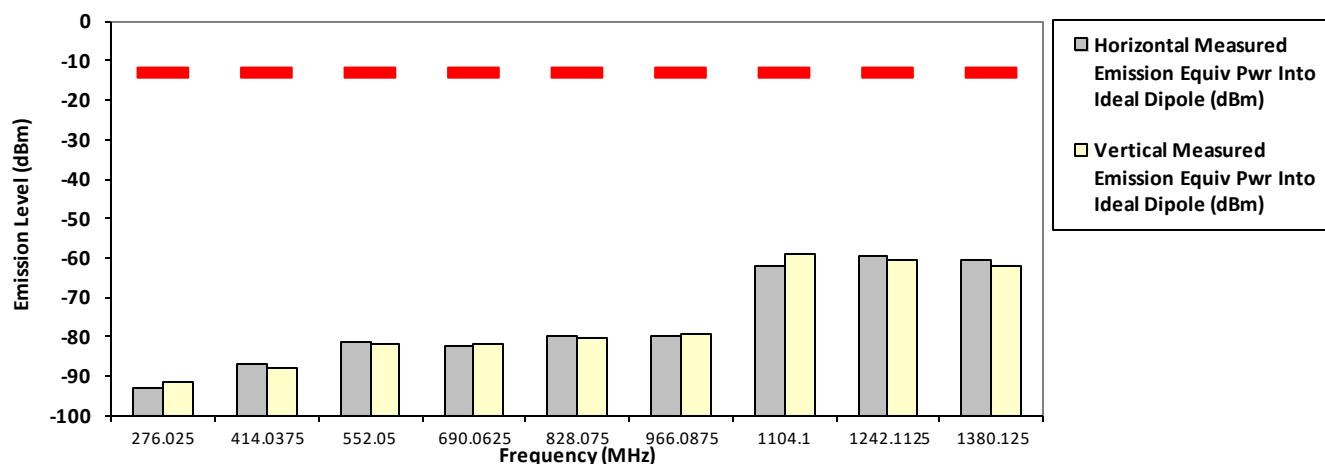
- 1) The Resolution Bandwidth for scanning Radiated Emission below 1 GHz is 100 kHz with Video Bandwidth = 300 kHz and Resolution Bandwidth for above 1 GHz is 1 MHz with Video Bandwidth = 3 MHz. Detector mode is positive peak.
- 2) In the semi- anechoic chamber, setup as illustrated above the DUT placed on the 0.8m height (for $F_c < 1\text{GHz}$) or 1.5m height (for $F_c > 1\text{GHz}$) of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power. The “Read Value” is the spectrum reading the maximum power value.
- 3) The substitution antenna is substituted for DUT at the same position and signals generator (S.G) export the CW signal to the substitution antenna via a TX cable. The receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum radiation power. Record the power level of maximum radiation power from spectrum. So, the measured substitution value = Ref level of S.G + TX cables loss – Substituted Antenna Gain.
- 4) Final Radiated Spurious Emission = “Read Value” + Measured substitution value.

6.11.2. Test Result (Analog)

SAC Transmitter Radiated Emission:
Model Number: T7039A (HVIN : T7039-VHFB) S/N: 112CWR0920 SR:22440-EMC-00003
Battery Part No: NA Accy Part No: 3082933N20
Test Mode: TX Analog
138.012500 MHz 25 kHz 100.000 Watt(s) /Max Power

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
276.0250	-13.0000	-93.0775 **	-91.5216 **
414.0375	-13.0000	-86.7180 **	-87.7615 **
552.0500	-13.0000	-81.3524 **	-81.6624 **
690.0625	-13.0000	-82.2741 **	-81.6595 **
828.0750	-13.0000	-79.5679 **	-80.3229 **
966.0875	-13.0000	-79.9340 **	-79.0688 **
1104.1000	-13.0000	-61.9267 **	-58.8842 **
1242.1125	-13.0000	-59.2325 **	-60.3898 **
1380.1250	-13.0000	-60.5595 **	-62.1155 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman Fri, Sep 04, 2020

Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported
Temp(Deg): 23.6 Hum(%RH): 69.6

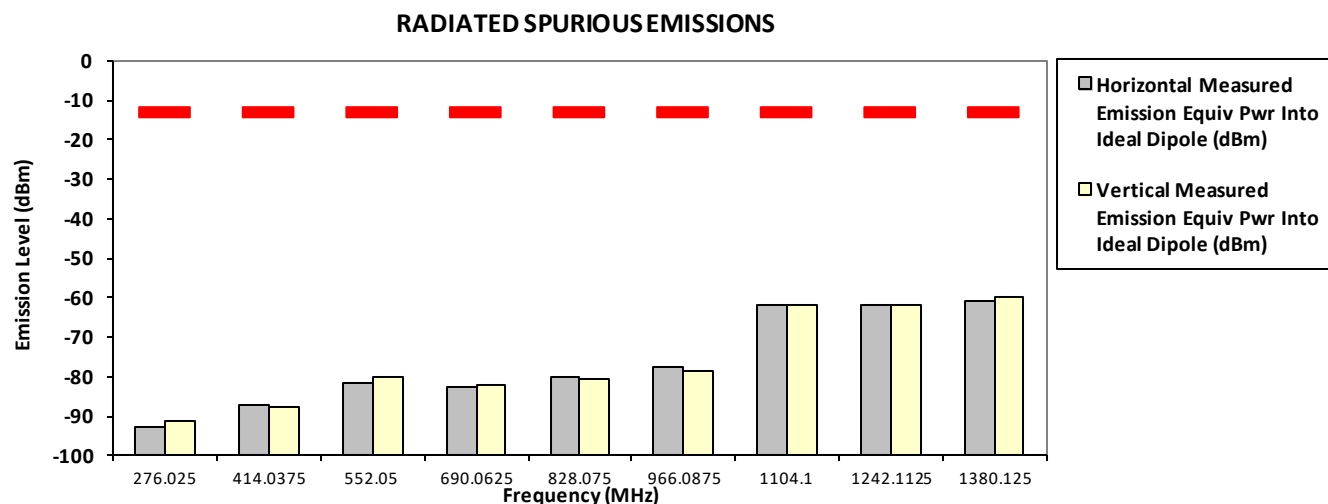
System MU: 4.03 dB

Remarks:

Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:
Model Number: T7039A (HVIN : T7039-VHFB) S/N: 112CWR0920 SR:22440-EMC-00003
Battery Part No: NA Accy Part No: 3082933N20
Test Mode: TX Analog
138.012500 MHz 25 kHz 2.000 Watt(s) /Low Power

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
276.0250	-13.0000	-92.5266 **	-91.3502 **
414.0375	-13.0000	-87.0666 **	-87.5052 **
552.0500	-13.0000	-81.8399 **	-80.1614 **
690.0625	-13.0000	-82.6714 **	-81.9562 **
828.0750	-13.0000	-80.2072 **	-80.3954 **
966.0875	-13.0000	-77.7346 **	-78.7935 **
1104.1000	-13.0000	-61.7978 **	-61.9186 **
1242.1125	-13.0000	-61.7268 **	-61.8495 **
1380.1250	-13.0000	-60.8251 **	-60.0969 **



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman Fri, Sep 04, 2020

Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported
Temp(Deg): 23.6 Hum(%RH): 69.6

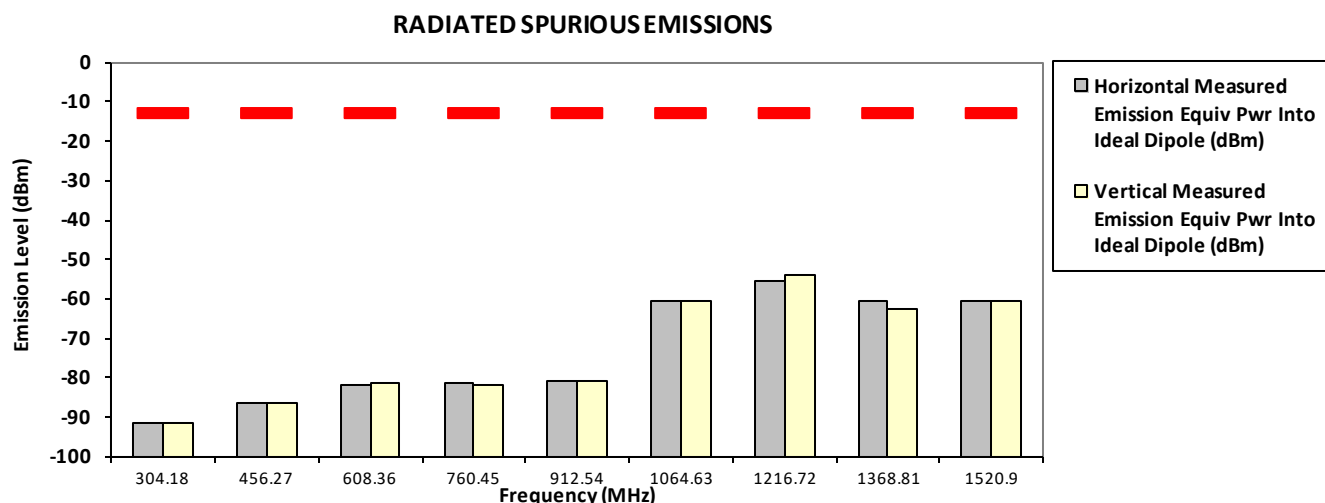
System MU: 4.03 dB

Remarks:

Passed Results	Marginal Results	Failed Results
----------------	------------------	----------------

SAC Transmitter Radiated Emission:
Model Number: T7039A (HVIN : T7039-VHFB) **S/N: 112CWR0920** **SR:22440-EMC-00003**
Battery Part No: NA **Accy Part No: 3082933N20**
Test Mode: TX Analog
152.090000 MHz **25 kHz** **100.000 Watt(s) /Max Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
304.1800	-13.0000	-91.5146 **	-91.6084 **
456.2700	-13.0000	-86.3224 **	-86.5388 **
608.3600	-13.0000	-81.9691 **	-81.2276 **
760.4500	-13.0000	-81.2348 **	-81.5753 **
912.5400	-13.0000	-80.5455 **	-80.6354 **
1064.6300	-13.0000	-60.2635 **	-60.6921 **
1216.7200	-13.0000	-55.2400 *	-54.1200 *
1368.8100	-13.0000	-60.5530 **	-62.4823 **
1520.9000	-13.0000	-60.6193 **	-60.4025 **



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman Fri, Sep 04, 2020

Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported
Temp(Deg): 23.6 Hum(%RH): 69.6

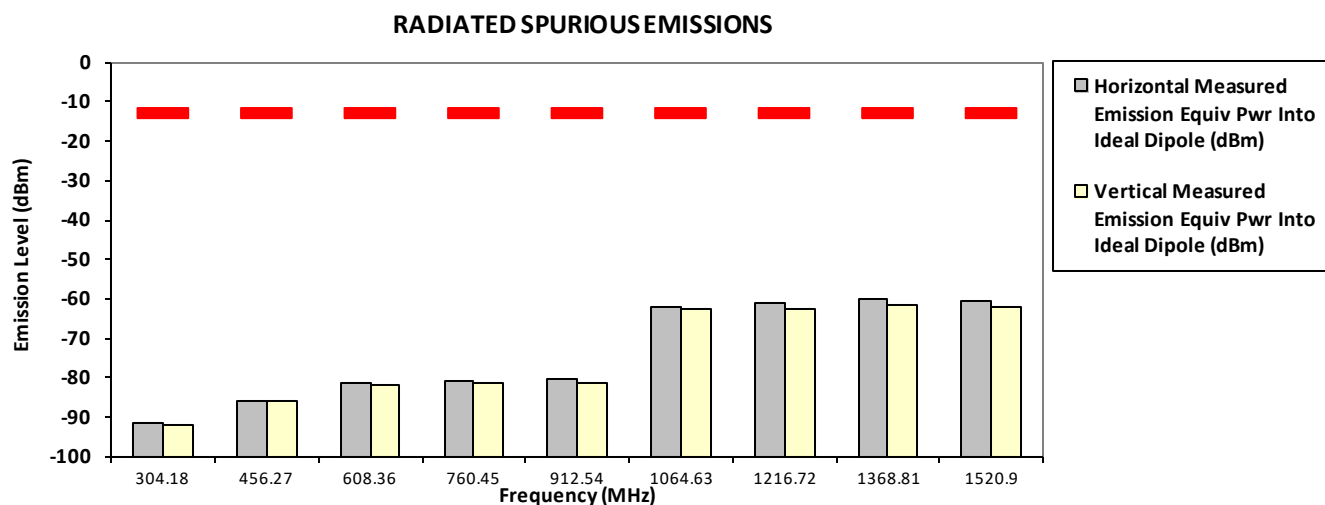
System MU: 4.03 dB

Remarks:

Passed Results	Marginal Results	Failed Results
----------------	------------------	----------------

SAC Transmitter Radiated Emission:
Model Number: T7039A (HVIN : T7039-VHFB) **S/N: 112CWR0920** **SR:22440-EMC-00003**
Battery Part No: NA **Accy Part No: 3082933N20**
Test Mode: TX Analog
152.090000 MHz **25 kHz** **2.000 Watt(s) /Low Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
304.1800	-13.0000	-91.3629 **	-92.0127 **
456.2700	-13.0000	-85.6429 **	-85.9243 **
608.3600	-13.0000	-81.4392 **	-81.7882 **
760.4500	-13.0000	-80.9881 **	-81.2712 **
912.5400	-13.0000	-80.4411 **	-81.1125 **
1064.6300	-13.0000	-62.1771 **	-62.7315 **
1216.7200	-13.0000	-61.0623 **	-62.3612 **
1368.8100	-13.0000	-60.0179 **	-61.7405 **
1520.9000	-13.0000	-60.6976 **	-61.7733 **



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman Fri, Sep 04, 2020

Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported
Temp(Deg): 23.6 Hum(%RH): 69.6

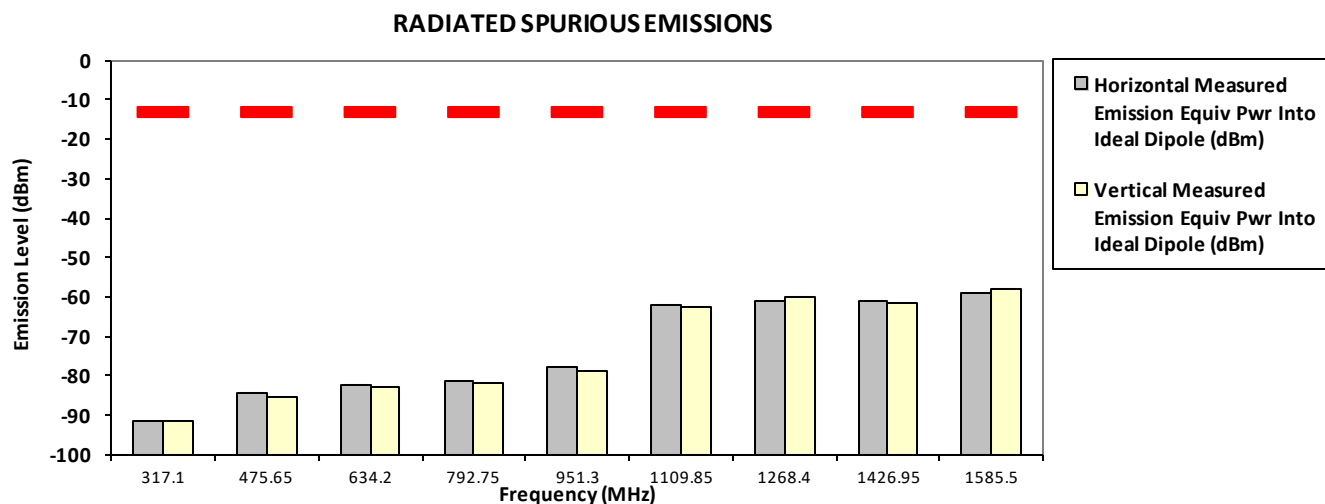
System MU: 4.03 dB

Remarks:

Passed Results	Marginal Results	Failed Results
----------------	------------------	----------------

SAC Transmitter Radiated Emission:
Model Number: T7039A (HVIN : T7039-VHFB) **S/N: 112CWR0920** **SR:22440-EMC-00003**
Battery Part No: NA **Accy Part No: 3082933N20**
Test Mode: TX Analog
158.550000 MHz **25 kHz** **100.000 Watt(s) /Max Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
317.1000	-13.0000	-91.3235 **	-91.3744 **
475.6500	-13.0000	-84.1195 **	-85.4529 **
634.2000	-13.0000	-82.2238 **	-82.7583 **
792.7500	-13.0000	-81.4281 **	-81.7274 **
951.3000	-13.0000	-77.7431 **	-78.9156 **
1109.8500	-13.0000	-62.0798 **	-62.5956 **
1268.4000	-13.0000	-60.7765 **	-59.9676 **
1426.9500	-13.0000	-60.9418 **	-61.5877 **
1585.5000	-13.0000	-59.1083 **	-58.1548 **



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman Fri, Sep 04, 2020

Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported
Temp(Deg): 23.6 Hum(%RH): 69.6

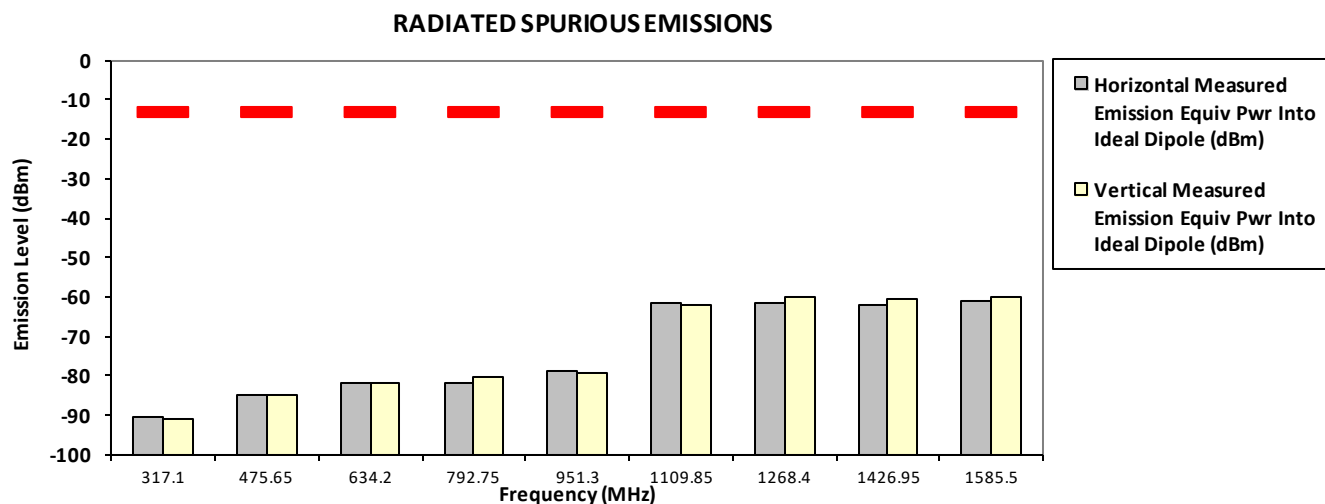
System MU: 4.03 dB

Remarks:

Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:
Model Number: T7039A (HVIN : T7039-VHFB) S/N: 112CWR0920 SR:22440-EMC-00003
Battery Part No: NA Accy Part No: 3082933N20
Test Mode: TX Analog
158.550000 MHz 25 kHz 2.000 Watt(s) /Low Power

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
317.1000	-13.0000	-90.6430 **	-91.0856 **
475.6500	-13.0000	-84.6365 **	-85.0716 **
634.2000	-13.0000	-81.9105 **	-81.8594 **
792.7500	-13.0000	-81.8961 **	-80.3358 **
951.3000	-13.0000	-78.8471 **	-79.5063 **
1109.8500	-13.0000	-61.6308 **	-61.8527 **
1268.4000	-13.0000	-61.6103 **	-60.1572 **
1426.9500	-13.0000	-62.1726 **	-60.6997 **
1585.5000	-13.0000	-60.8677 **	-59.8118 **



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman Fri, Sep 04, 2020

Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported
Temp(Deg): 23.6 Hum(%RH): 69.6

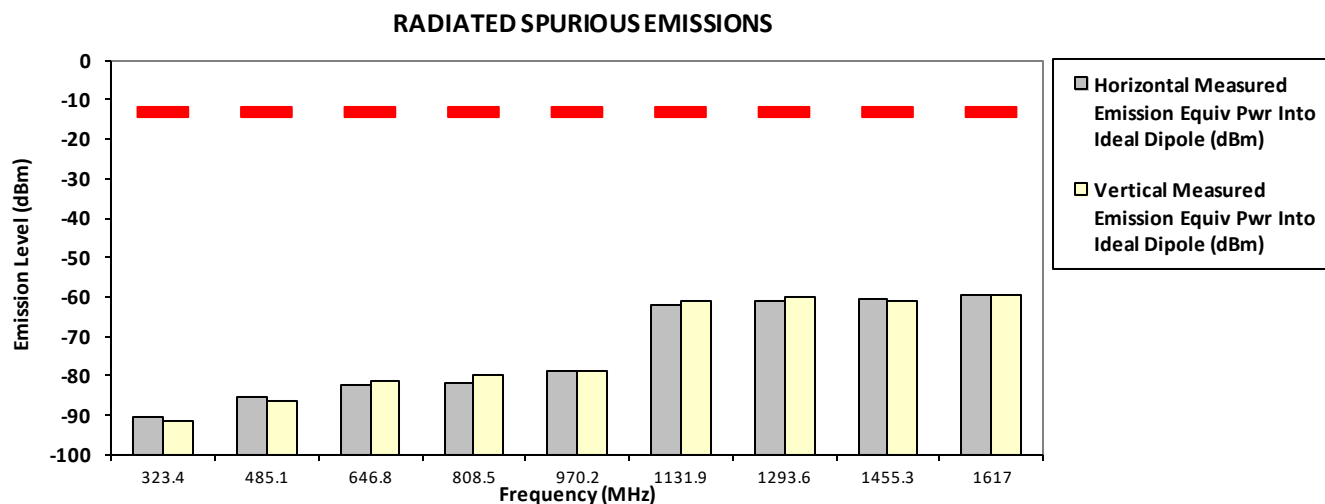
System MU: 4.03 dB

Remarks:

Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:
Model Number: T7039A (HVIN : T7039-VHFB) **S/N: 112CWR0920** **SR:22440-EMC-00003**
Battery Part No: NA **Accy Part No: 3082933N20**
Test Mode: TX Analog
161.700000 MHz **25 kHz** **100.000 Watt(s) /Max Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
323.4000	-13.0000	-90.2171 **	-91.3387 **
485.1000	-13.0000	-85.1850 **	-86.1835 **
646.8000	-13.0000	-82.1079 **	-81.5401 **
808.5000	-13.0000	-81.6938 **	-79.8965 **
970.2000	-13.0000	-78.9145 **	-78.5480 **
1131.9000	-13.0000	-62.1131 **	-61.0971 **
1293.6000	-13.0000	-61.1065 **	-59.7467 **
1455.3000	-13.0000	-60.5815 **	-61.2100 **
1617.0000	-13.0000	-59.6229 **	-59.5399 **



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman Fri, Sep 04, 2020

Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.

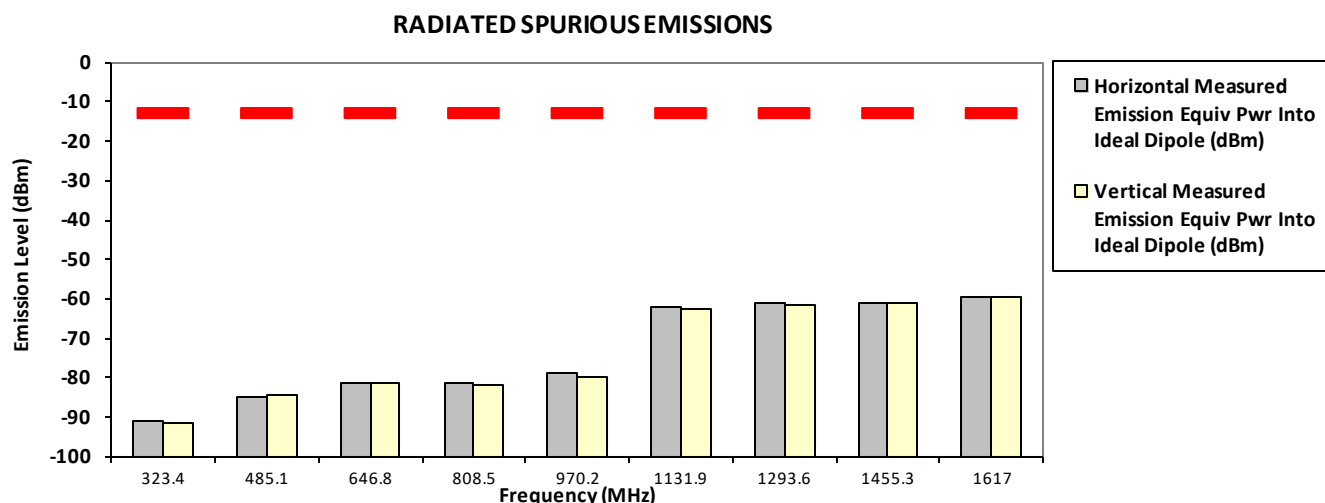
*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported
Temp(Deg): 23.6 Hum(%RH): 69.6

System MU: 4.03 dB

Remarks: Passed Results Marginal Results Failed Results

SAC Transmitter Radiated Emission:
Model Number: T7039A (HVIN : T7039-VHFB) **S/N: 112CWR0920** **SR:22440-EMC-00003**
Battery Part No: NA **Accy Part No: 3082933N20**
Test Mode: TX Analog
161.700000 MHz **25 kHz** **2.000 Watt(s) /Low Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
323.4000	-13.0000	-91.0110 **	-91.3749 **
485.1000	-13.0000	-84.9109 **	-84.4951 **
646.8000	-13.0000	-81.3284 **	-81.3968 **
808.5000	-13.0000	-81.4773 **	-81.6207 **
970.2000	-13.0000	-78.7128 **	-79.5551 **
1131.9000	-13.0000	-62.1323 **	-62.3084 **
1293.6000	-13.0000	-61.0258 **	-61.4259 **
1455.3000	-13.0000	-61.1929 **	-60.7906 **
1617.0000	-13.0000	-59.2553 **	-59.7196 **



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman Fri, Sep 04, 2020

Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported
Temp(Deg): 23.6 Hum(%RH): 69.6

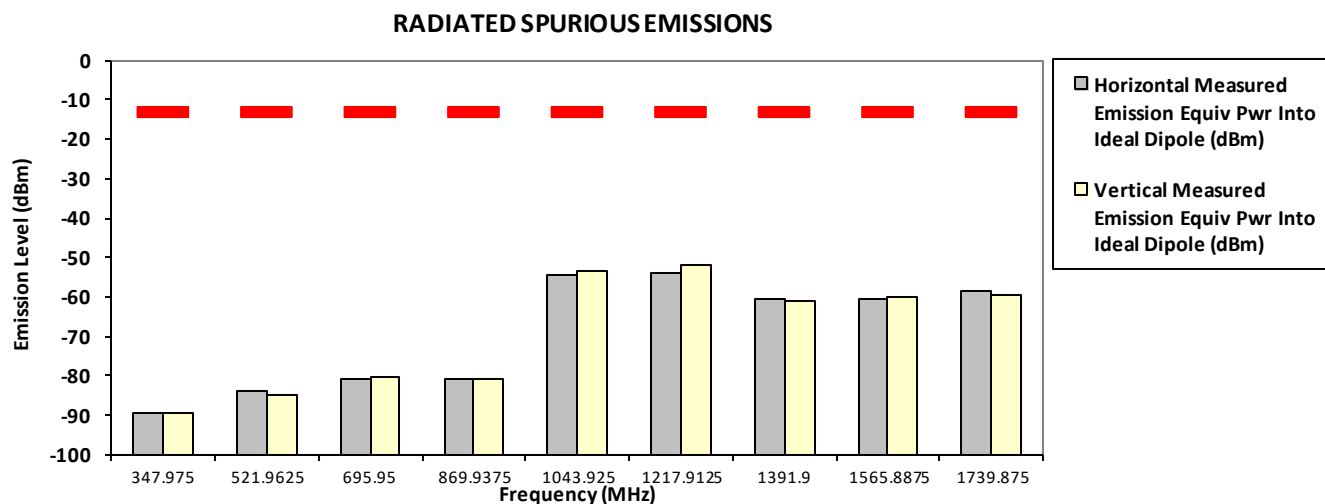
System MU: 4.03 dB

Remarks:

Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:
Model Number: T7039A (HVIN : T7039-VHFB) S/N: 112CWR0920 SR:22440-EMC-00003
Battery Part No: NA Accy Part No: 3082933N20
Test Mode: TX Analog
173.987500 MHz 25 kHz 100.000 Watt(s) /Max Power

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
347.9750	-13.0000	-89.4173 **	-89.3777 **
521.9625	-13.0000	-84.0120 **	-84.9851 **
695.9500	-13.0000	-80.9468 **	-80.0900 **
869.9375	-13.0000	-80.8177 **	-80.5761 **
1043.9250	-13.0000	-54.4400 *	-53.1800 *
1217.9125	-13.0000	-54.0700 *	-51.8300 *
1391.9000	-13.0000	-60.2419 **	-60.7724 **
1565.8875	-13.0000	-60.2788 **	-59.7757 **
1739.8750	-13.0000	-58.5680 **	-59.5344 **



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman Fri, Sep 04, 2020

Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported
Temp(Deg): 23.6 Hum(%RH): 69.6

System MU: 4.03 dB

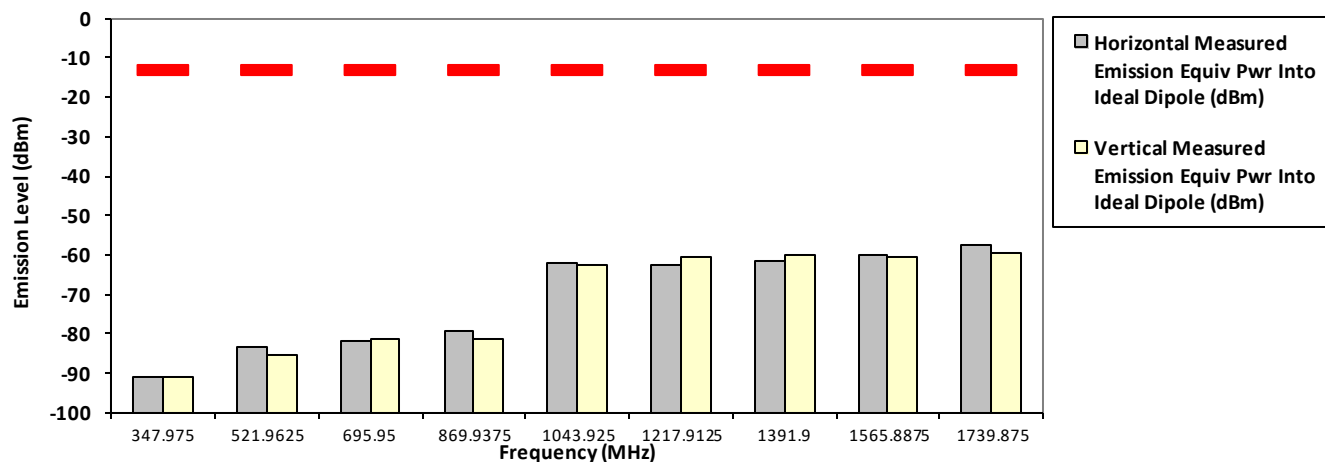
Remarks:

Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:
Model Number: T7039A (HVIN : T7039-VHFB) S/N: 112CWR0920 SR:22440-EMC-00003
Battery Part No: NA Accy Part No: 3082933N20
Test Mode: TX Analog
173.987500 MHz 25 kHz 2.000 Watt(s) /Low Power

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
347.9750	-13.0000	-90.6923 **	-91.0331 **
521.9625	-13.0000	-83.1877 **	-85.4983 **
695.9500	-13.0000	-81.6629 **	-81.4830 **
869.9375	-13.0000	-79.2332 **	-81.1340 **
1043.9250	-13.0000	-62.0717 **	-62.5450 **
1217.9125	-13.0000	-62.5645 **	-60.4428 **
1391.9000	-13.0000	-61.6193 **	-60.2067 **
1565.8875	-13.0000	-60.1521 **	-60.3057 **
1739.8750	-13.0000	-57.6157 **	-59.4544 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman Fri, Sep 04, 2020

Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported
Temp(Deg): 23.6 Hum(%RH): 69.6

System MU: 4.03 dB

Remarks:

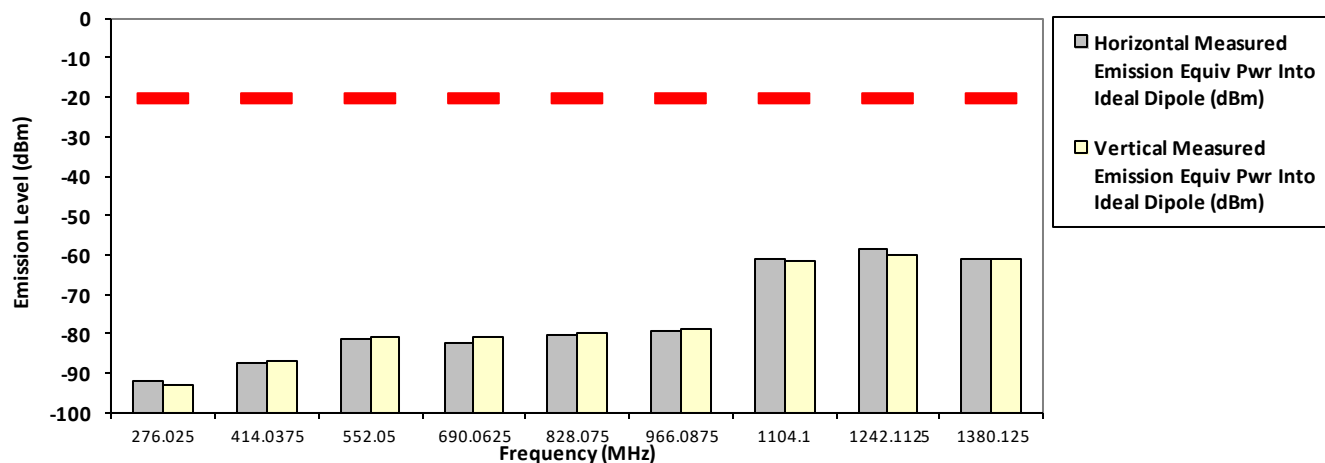
Passed Results	Marginal Results	Failed Results
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6.11.3. Test Result (Digital)

SAC Transmitter Radiated Emission:
Model Number: T7039A (HVIN : T7039-VHFB) S/N: 112CWR0920 SR:22440-EMC-00003
Battery Part No: NA Accy Part No: 3082933N20
Test Mode: TX Digital C4FM
138.012500 MHz 12.5 kHz 100.000 Watt(s) /Max Power

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
276.0250	-20.0000	-92.0808 **	-92.9350 **
414.0375	-20.0000	-87.3890 **	-86.9399 **
552.0500	-20.0000	-81.1317 **	-80.8336 **
690.0625	-20.0000	-82.0973 **	-80.7019 **
828.0750	-20.0000	-80.4625 **	-79.7482 **
966.0875	-20.0000	-79.5123 **	-78.8988 **
1104.1000	-20.0000	-61.0688 **	-61.5839 **
1242.1125	-20.0000	-58.6475 **	-60.0251 **
1380.1250	-20.0000	-60.9904 **	-60.9094 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman Fri, Sep 04, 2020

Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported
Temp(Deg): 23.6 Hum(%RH): 69.6

System MU: 4.03 dB

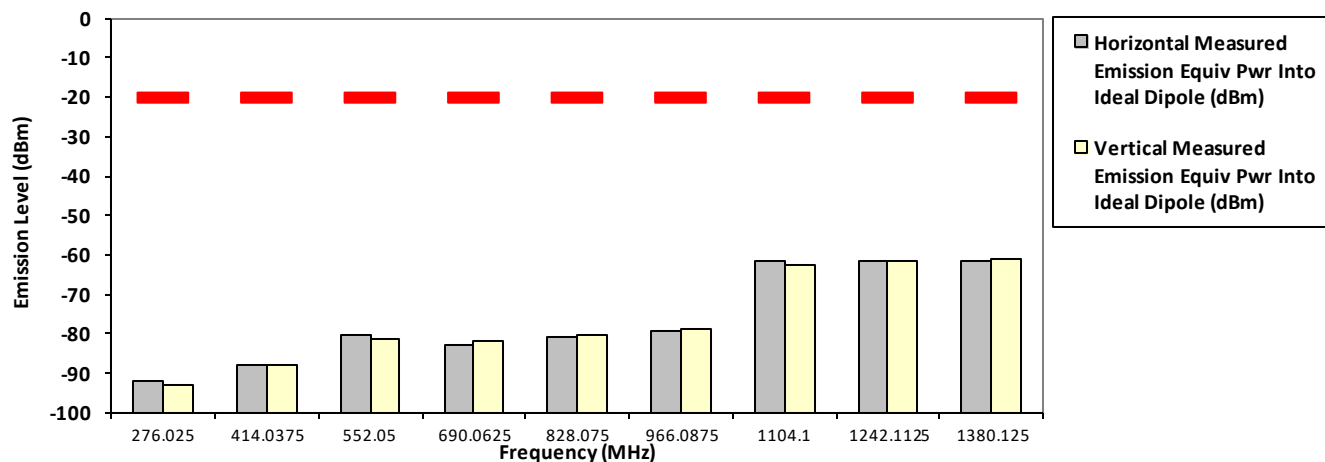
Remarks:

Passed Results	Marginal Results	Failed Results
----------------	------------------	----------------

SAC Transmitter Radiated Emission:
Model Number: T7039A (HVIN : T7039-VHFB) S/N: 112CWR0920 SR:22440-EMC-00003
Battery Part No: NA Accy Part No: 3082933N20
138.012500 MHz Test Mode: TX Digital C4FM 12.5 kHz 2.000 Watt(s) /Low Power

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
276.0250	-20.0000	-91.7550 **	-93.0178 **
414.0375	-20.0000	-88.0805 **	-87.8101 **
552.0500	-20.0000	-80.3470 **	-81.4229 **
690.0625	-20.0000	-82.6399 **	-81.8828 **
828.0750	-20.0000	-80.9168 **	-80.1303 **
966.0875	-20.0000	-79.0221 **	-78.5224 **
1104.1000	-20.0000	-61.3508 **	-62.5967 **
1242.1125	-20.0000	-61.3174 **	-61.4150 **
1380.1250	-20.0000	-61.5095 **	-60.7766 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman Fri, Sep 04, 2020

Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported
Temp(Deg): 23.6 Hum(%RH): 69.6

System MU: 4.03 dB

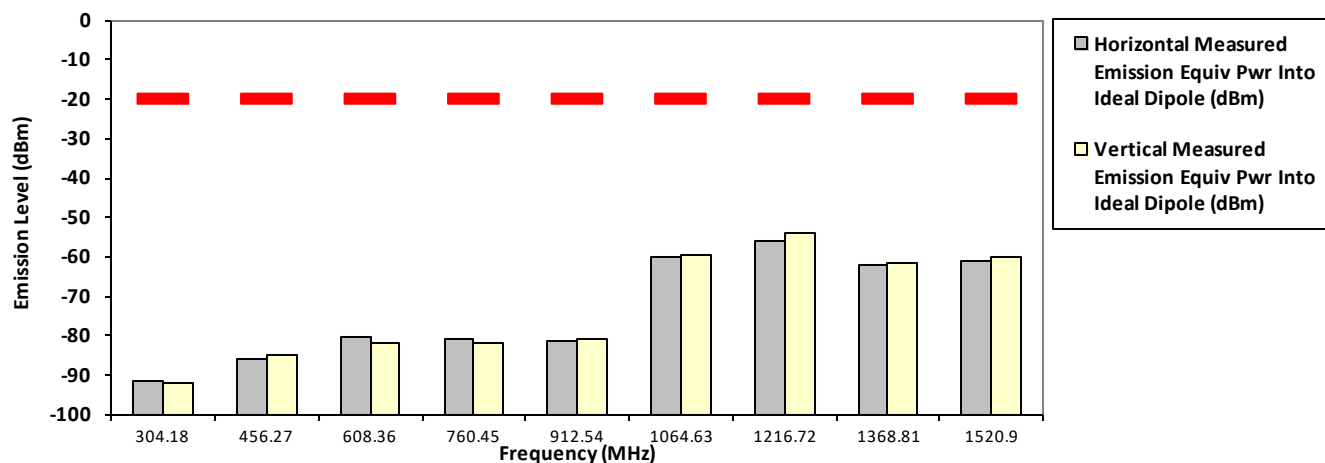
Remarks:

Passed Results	Marginal Results	Failed Results
----------------	------------------	----------------

SAC Transmitter Radiated Emission:
Model Number: T7039A (HVIN : T7039-VHFB) S/N: 112CWR0920 SR:22440-EMC-00003
Battery Part No: NA Accy Part No: 3082933N20
Test Mode: TX Digital C4FM
152.090000 MHz 12.5 kHz 100.000 Watt(s) /Max Power

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
304.1800	-20.0000	-91.2811 **	-91.8860 **
456.2700	-20.0000	-85.7083 **	-84.9093 **
608.3600	-20.0000	-80.4596 **	-81.6593 **
760.4500	-20.0000	-80.5575 **	-82.0520 **
912.5400	-20.0000	-81.2921 **	-80.7183 **
1064.6300	-20.0000	-59.8134 **	-59.4470 **
1216.7200	-20.0000	-55.9700 *	-53.6700 *
1368.8100	-20.0000	-61.8881 **	-61.3817 **
1520.9000	-20.0000	-61.2164 **	-60.0132 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman Fri, Sep 04, 2020

Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported
Temp(Deg): 23.6 Hum(%RH): 69.6

System MU: 4.03 dB

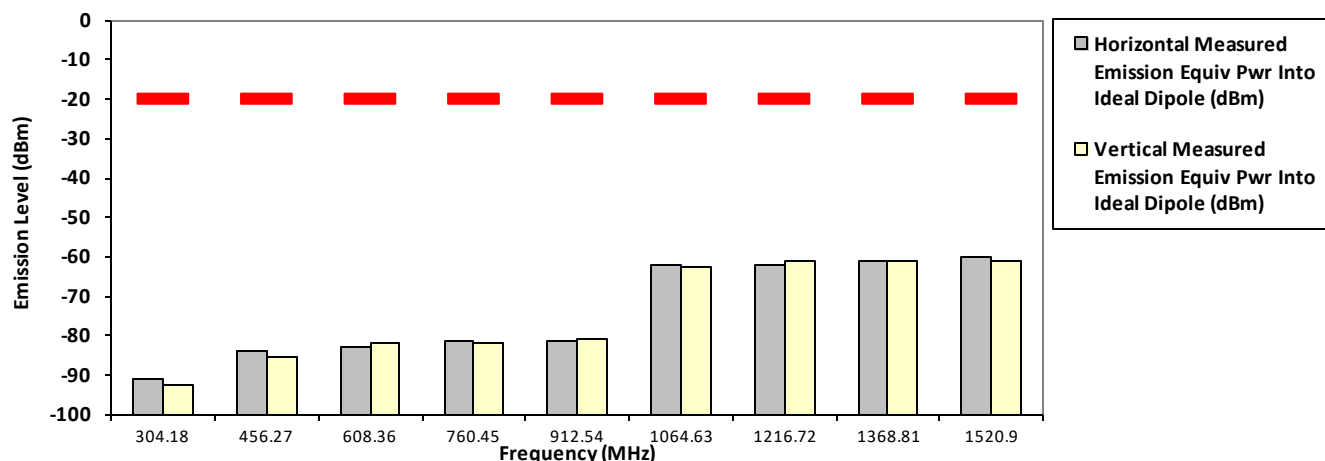
Remarks:

Passed Results	Marginal Results	Failed Results
----------------	------------------	----------------

SAC Transmitter Radiated Emission:
Model Number: T7039A (HVIN : T7039-VHFB) S/N: 112CWR0920 SR:22440-EMC-00003
Battery Part No: NA Accy Part No: 3082933N20
Test Mode: TX Digital C4FM
152.090000 MHz 12.5 kHz 2.000 Watt(s) /Low Power

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
304.1800	-20.0000	-90.9078 **	-92.3264 **
456.2700	-20.0000	-83.9487 **	-85.5275 **
608.3600	-20.0000	-82.9135 **	-81.7955 **
760.4500	-20.0000	-81.4183 **	-81.7578 **
912.5400	-20.0000	-81.5130 **	-80.8910 **
1064.6300	-20.0000	-62.1323 **	-62.3691 **
1216.7200	-20.0000	-62.1903 **	-61.1601 **
1368.8100	-20.0000	-61.0440 **	-61.1696 **
1520.9000	-20.0000	-59.9907 **	-60.8699 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman Fri, Sep 04, 2020

Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported
Temp(Deg): 23.6 Hum(%RH): 69.6

System MU: 4.03 dB

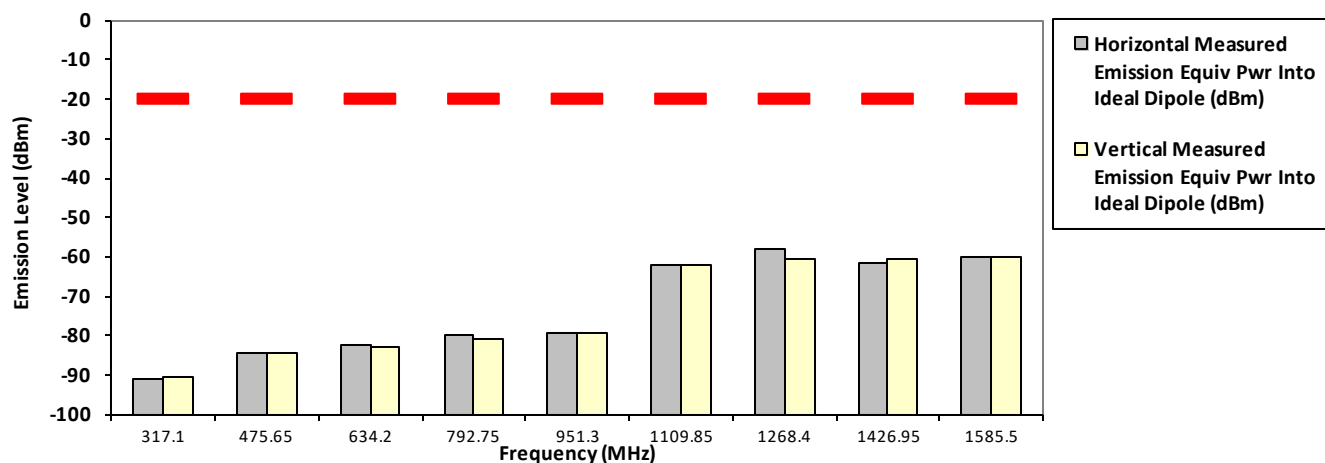
Remarks:

Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:
Model Number: T7039A (HVIN : T7039-VHFB) S/N: 112CWR0920 SR:22440-EMC-00003
Battery Part No: NA Accy Part No: 3082933N20
158.550000 MHz Test Mode: TX Digital C4FM 12.5 kHz 100.000 Watt(s) /Max Power

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
317.1000	-20.0000	-90.7468 **	-90.2259 **
475.6500	-20.0000	-84.5207 **	-84.2017 **
634.2000	-20.0000	-82.3162 **	-82.7066 **
792.7500	-20.0000	-79.6570 **	-80.9167 **
951.3000	-20.0000	-79.1896 **	-79.1363 **
1109.8500	-20.0000	-62.0077 **	-62.0607 **
1268.4000	-20.0000	-58.1832 **	-60.6066 **
1426.9500	-20.0000	-61.4595 **	-60.7351 **
1585.5000	-20.0000	-59.9476 **	-59.8800 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman Fri, Sep 04, 2020

Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported
Temp(Deg): 23.6 Hum(%RH): 69.6

System MU: 4.03 dB

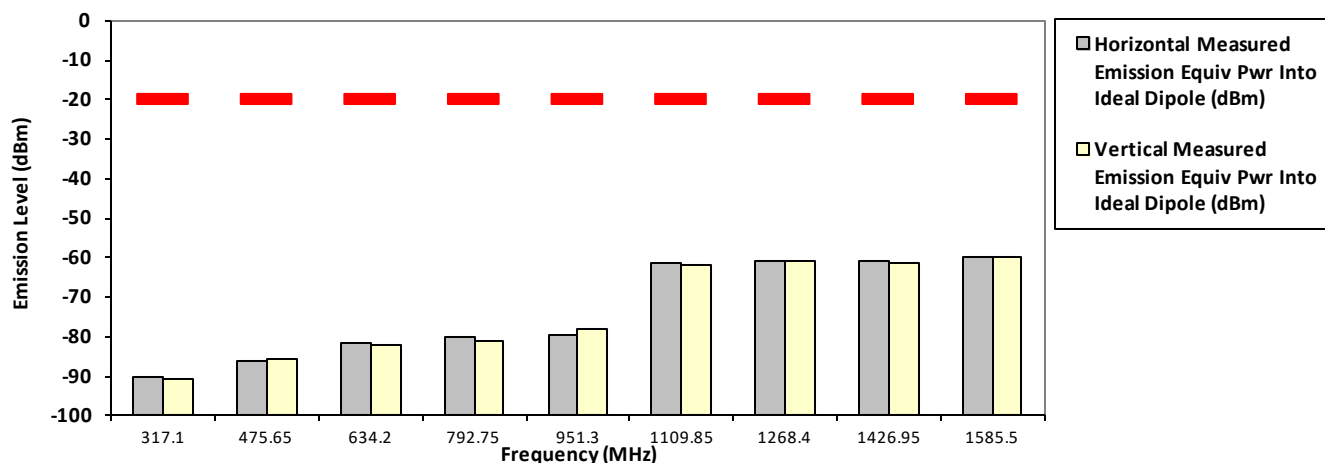
Remarks:

Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:
Model Number: T7039A (HVIN : T7039-VHFB) S/N: 112CWR0920 SR:22440-EMC-00003
Battery Part No: NA Accy Part No: 3082933N20
158.550000 MHz Test Mode: TX Digital C4FM 12.5 kHz 2.000 Watt(s) /Low Power

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
317.1000	-20.0000	-90.4329 **	-90.9204 **
475.6500	-20.0000	-85.9869 **	-85.7338 **
634.2000	-20.0000	-81.8022 **	-82.3353 **
792.7500	-20.0000	-80.0984 **	-81.2100 **
951.3000	-20.0000	-79.5438 **	-77.9007 **
1109.8500	-20.0000	-61.3139 **	-61.9049 **
1268.4000	-20.0000	-60.6958 **	-61.0777 **
1426.9500	-20.0000	-60.8217 **	-61.4403 **
1585.5000	-20.0000	-59.8398 **	-59.6363 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman Fri, Sep 04, 2020

Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported
Temp(Deg): 23.6 Hum(%RH): 69.6

System MU: 4.03 dB

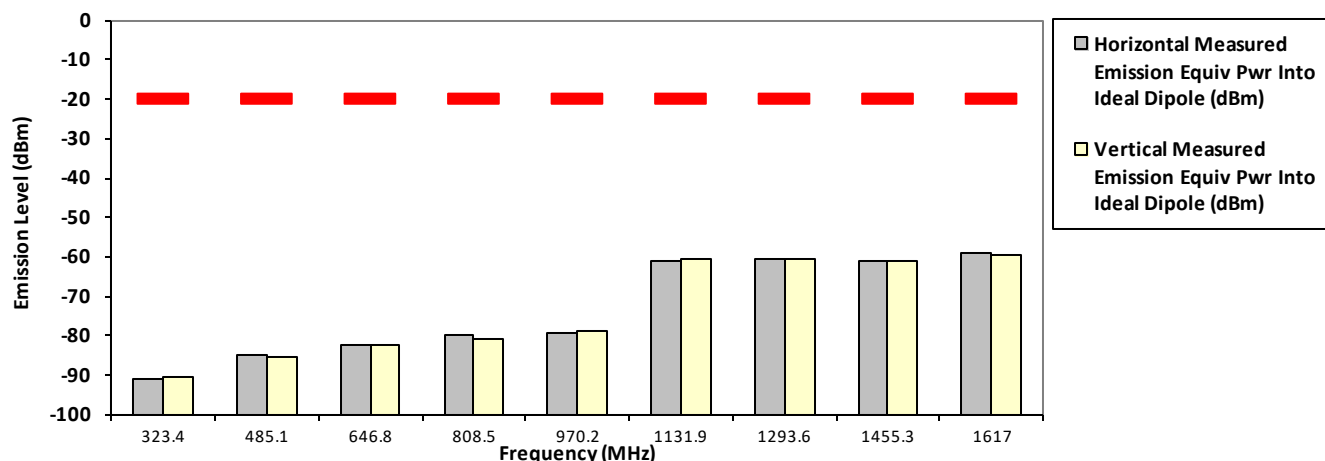
Remarks:

Passed Results	Marginal Results	Failed Results
----------------	------------------	----------------

SAC Transmitter Radiated Emission:
Model Number: T7039A (HVIN : T7039-VHFB) **S/N: 112CWR0920** **SR:22440-EMC-00003**
Battery Part No: NA **Accy Part No: 3082933N20**
161.700000 MHz **Test Mode: TX Digital C4FM** **100.000 Watt(s) /Max Power**
12.5 kHz

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
323.4000	-20.0000	-90.7530 **	-90.3028 **
485.1000	-20.0000	-84.6227 **	-85.2461 **
646.8000	-20.0000	-82.4905 **	-82.2176 **
808.5000	-20.0000	-79.9699 **	-80.7961 **
970.2000	-20.0000	-79.4803 **	-78.7512 **
1131.9000	-20.0000	-60.9895 **	-60.5930 **
1293.6000	-20.0000	-60.4878 **	-60.6832 **
1455.3000	-20.0000	-61.0006 **	-61.2284 **
1617.0000	-20.0000	-59.1270 **	-59.5339 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman Fri, Sep 04, 2020

Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported
Temp(Deg): 23.6 Hum(%RH): 69.6

System MU: 4.03 dB

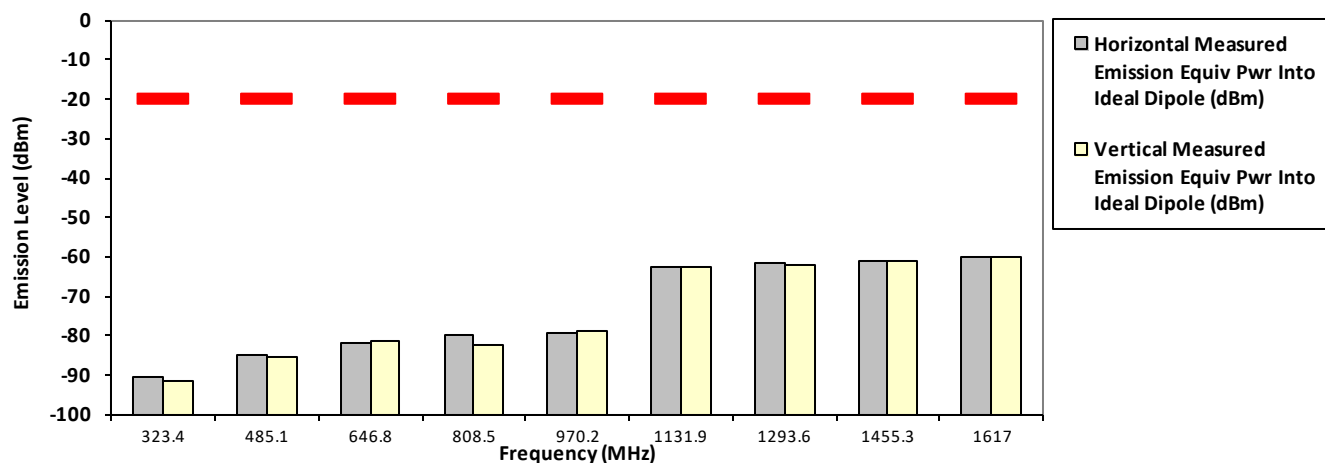
Remarks:

Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:
Model Number: T7039A (HVIN : T7039-VHFB) S/N: 112CWR0920 SR:22440-EMC-00003
Battery Part No: NA Accy Part No: 3082933N20
Test Mode: TX Digital C4FM
161.700000 MHz 12.5 kHz 2.000 Watt(s) /Low Power

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
323.4000	-20.0000	-90.6034 **	-91.5847 **
485.1000	-20.0000	-84.8678 **	-85.5312 **
646.8000	-20.0000	-81.5532 **	-81.0834 **
808.5000	-20.0000	-79.5876 **	-82.0666 **
970.2000	-20.0000	-79.0619 **	-78.6194 **
1131.9000	-20.0000	-62.6639 **	-62.7592 **
1293.6000	-20.0000	-61.4992 **	-62.1962 **
1455.3000	-20.0000	-60.8081 **	-61.0441 **
1617.0000	-20.0000	-60.1429 **	-59.8883 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman Fri, Sep 04, 2020

Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported
Temp(Deg): 23.6 Hum(%RH): 69.6

System MU: 4.03 dB

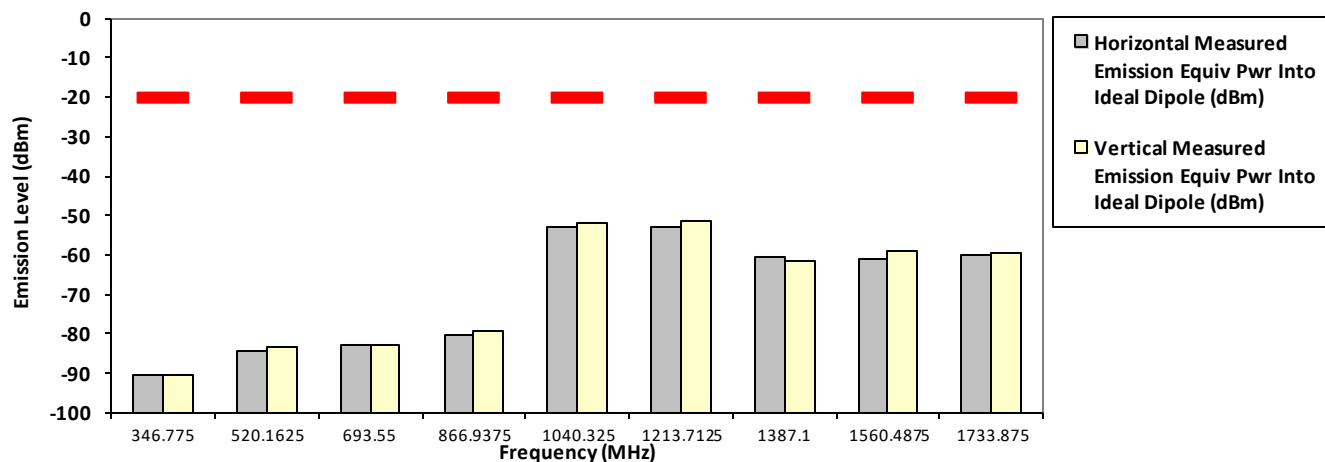
Remarks:

Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:
Model Number: T7039A (HVIN : T7039-VHFB) S/N: 112CWR0920 SR:22440-EMC-00003
Battery Part No: NA Accy Part No: 3082933N20
173.387500 MHz Test Mode: TX Digital C4FM 12.5 kHz 100.000 Watt(s) /Max Power

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
346.7750	-20.0000	-90.4646 **	-90.2786 **
520.1625	-20.0000	-84.5389 **	-83.4406 **
693.5500	-20.0000	-82.9912 **	-82.6058 **
866.9375	-20.0000	-80.1668 **	-79.4178 **
1040.3250	-20.0000	-52.7500 *	-51.8200 *
1213.7125	-20.0000	-52.9900 *	-51.1900 *
1387.1000	-20.0000	-60.6578 **	-61.5306 **
1560.4875	-20.0000	-60.8991 **	-59.1049 **
1733.8750	-20.0000	-59.8125 **	-59.4524 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman Fri, Sep 04, 2020

Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported
Temp(Deg): 23.6 Hum(%RH): 69.6

System MU: 4.03 dB

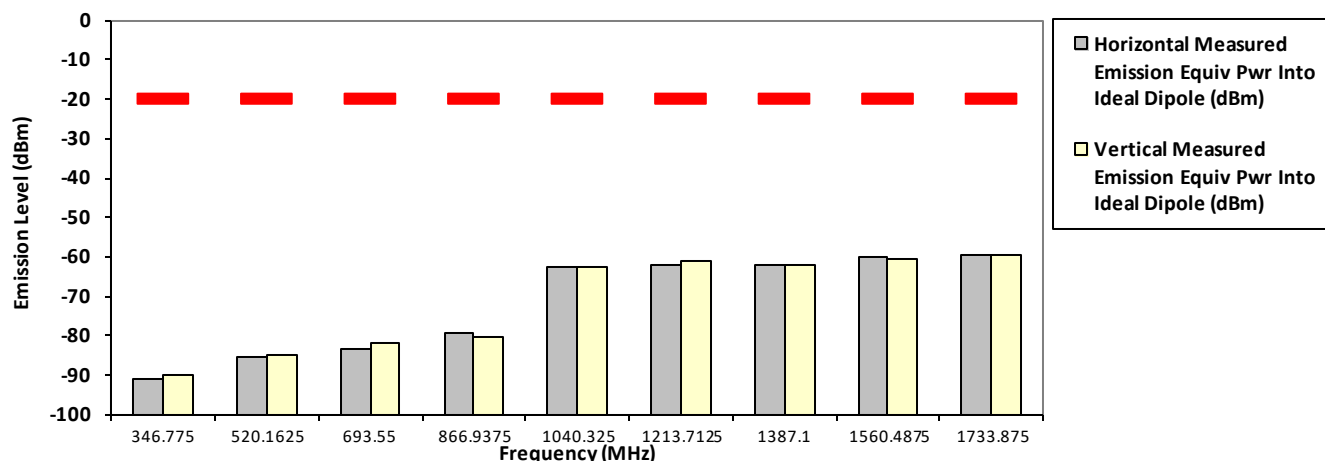
Remarks:

Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:
Model Number: T7039A (HVIN : T7039-VHFB) **S/N: 112CWR0920** **SR:22440-EMC-00003**
Battery Part No: NA **Accy Part No: 3082933N20**
Test Mode: TX Digital C4FM
173.387500 MHz **12.5 kHz** **2.000 Watt(s) /Low Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
346.7750	-20.0000	-91.0418 **	-90.1371 **
520.1625	-20.0000	-85.3465 **	-85.0552 **
693.5500	-20.0000	-83.0814 **	-82.0442 **
866.9375	-20.0000	-79.1265 **	-80.3772 **
1040.3250	-20.0000	-62.4521 **	-62.6919 **
1213.7125	-20.0000	-61.9001 **	-61.0666 **
1387.1000	-20.0000	-61.7925 **	-61.9960 **
1560.4875	-20.0000	-60.2307 **	-60.5751 **
1733.8750	-20.0000	-59.6757 **	-59.6620 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman Fri, Sep 04, 2020

Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported
Temp(Deg): 23.6 Hum(%RH): 69.6

System MU: 4.03 dB

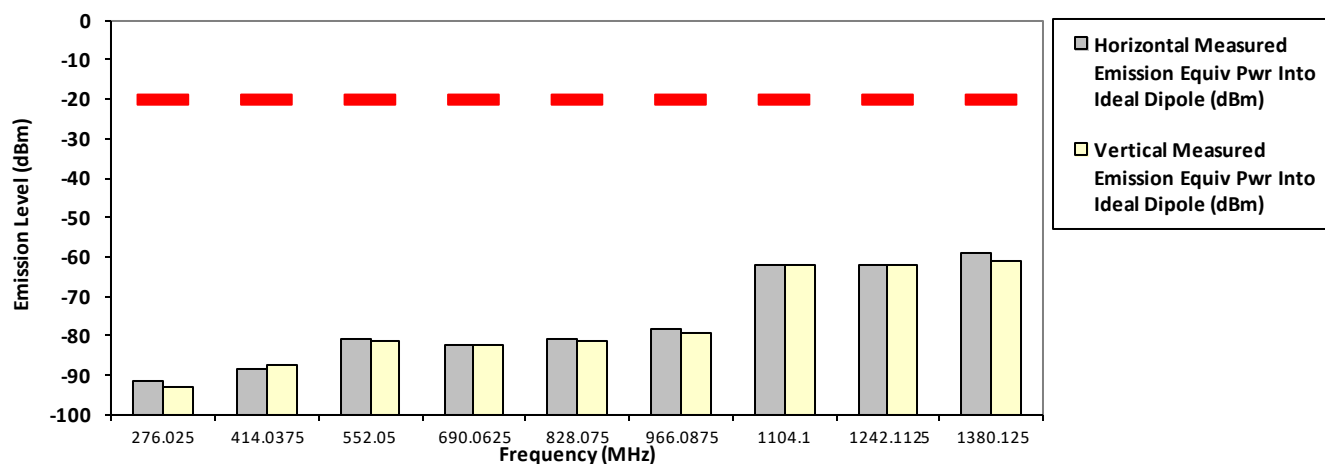
Remarks:

Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:
Model Number: T7039A (HVIN : T7039-VHFB) **S/N: 112CWR0920** **SR:22440-EMC-00003**
Battery Part No: NA **Accy Part No: 3082933N20**
Test Mode: TX FSK
138.012500 MHz **12.5 kHz** **100.000 Watt(s) /Max Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
276.0250	-20.0000	-91.5166 **	-92.9326 **
414.0375	-20.0000	-88.1631 **	-87.2441 **
552.0500	-20.0000	-80.6994 **	-81.1443 **
690.0625	-20.0000	-82.3660 **	-82.1481 **
828.0750	-20.0000	-80.5404 **	-81.0795 **
966.0875	-20.0000	-78.1576 **	-79.4202 **
1104.1000	-20.0000	-62.2127 **	-62.0110 **
1242.1125	-20.0000	-62.2244 **	-61.8752 **
1380.1250	-20.0000	-59.1526 **	-61.2122 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
 Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman Fri, Sep 04, 2020

Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported
 Temp(Deg): 23.6 Hum(%RH): 69.6

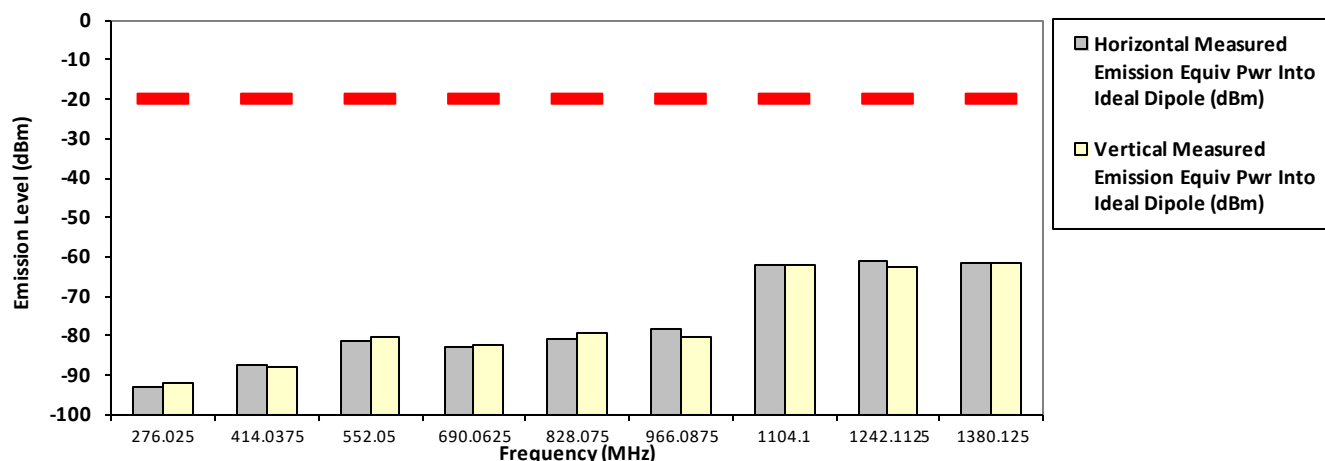
System MU: 4.03 dB

Remarks: Passed Results Marginal Results Failed Results

SAC Transmitter Radiated Emission:
Model Number: T7039A (HVIN : T7039-VHFB) **S/N: 112CWR0920** **SR:22440-EMC-00003**
Battery Part No: NA **Accy Part No: 3082933N20**
Test Mode: TX FSK
138.012500 MHz **12.5 kHz** **2.000 Watt(s) /Low Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
276.0250	-20.0000	-93.1219 **	-92.0308 **
414.0375	-20.0000	-87.3686 **	-87.8101 **
552.0500	-20.0000	-81.2174 **	-80.4262 **
690.0625	-20.0000	-82.6455 **	-82.1778 **
828.0750	-20.0000	-80.7877 **	-79.4300 **
966.0875	-20.0000	-78.4505 **	-80.0693 **
1104.1000	-20.0000	-62.1096 **	-62.1512 **
1242.1125	-20.0000	-61.2340 **	-62.3840 **
1380.1250	-20.0000	-61.3857 **	-61.5821 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman Fri, Sep 04, 2020

Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported
Temp(Deg): 23.6 Hum(%RH): 69.6

System MU: 4.03 dB

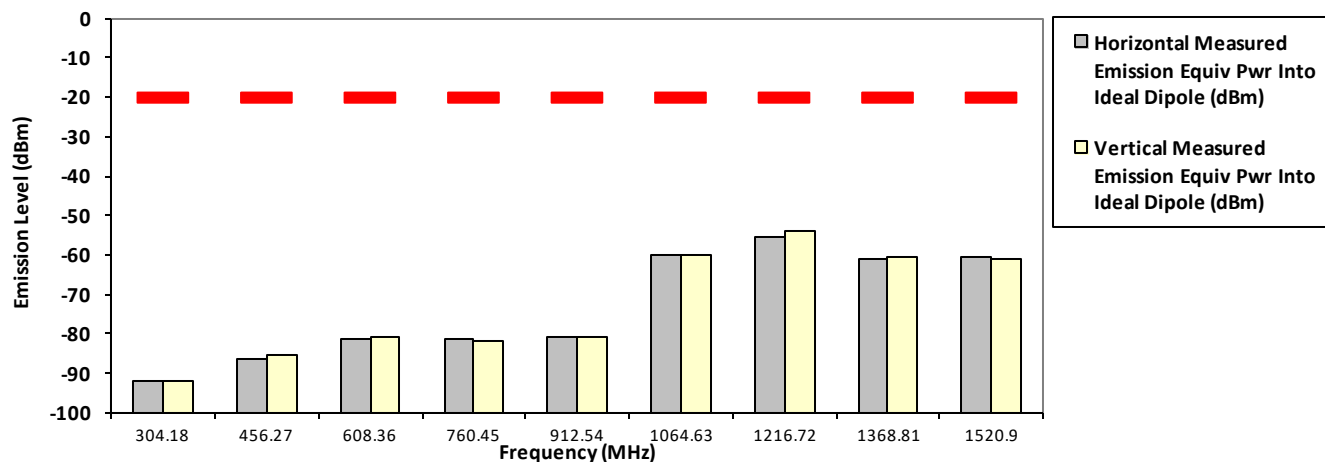
Remarks:

Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:
Model Number: T7039A (HVIN : T7039-VHFB) S/N: 112CWR0920 SR:22440-EMC-00003
Battery Part No: NA Accy Part No: 3082933N20
Test Mode: TX FSK
152.090000 MHz 12.5 kHz 100.000 Watt(s) /Max Power

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
304.1800	-20.0000	-91.9406 **	-91.9212 **
456.2700	-20.0000	-86.1838 **	-85.5307 **
608.3600	-20.0000	-81.5039 **	-80.8633 **
760.4500	-20.0000	-81.1215 **	-81.6534 **
912.5400	-20.0000	-80.6682 **	-80.6185 **
1064.6300	-20.0000	-60.1501 **	-59.8619 **
1216.7200	-20.0000	-55.5100 *	-53.9600 *
1368.8100	-20.0000	-60.8029 **	-60.5829 **
1520.9000	-20.0000	-60.5948 **	-60.9537 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman Fri, Sep 04, 2020

Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported
Temp(Deg): 23.6 Hum(%RH): 69.6

System MU: 4.03 dB

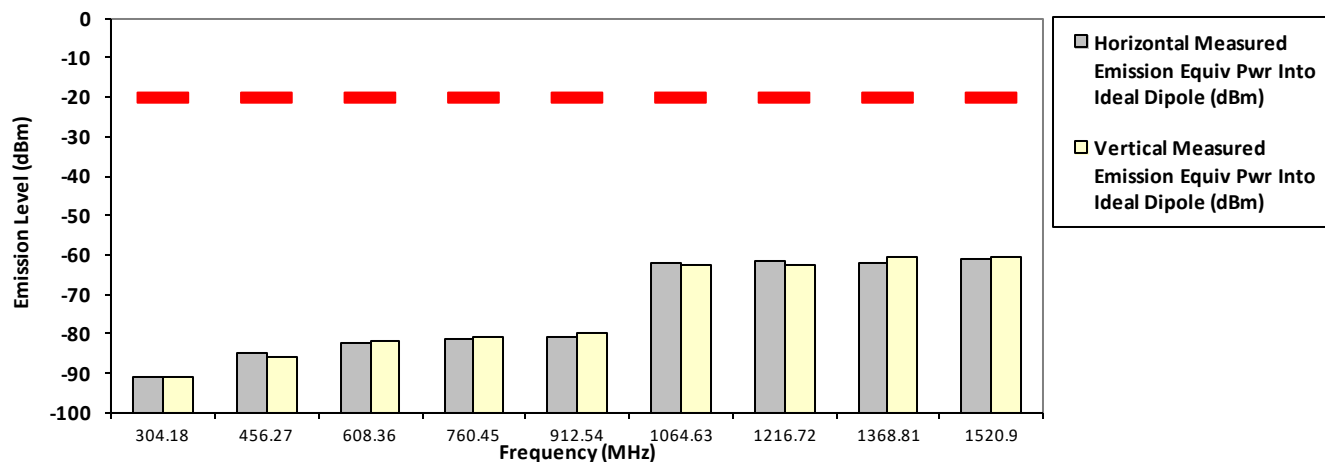
Remarks:

Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:
Model Number: T7039A (HVIN : T7039-VHFB) S/N: 112CWR0920 SR:22440-EMC-00003
Battery Part No: NA Accy Part No: 3082933N20
Test Mode: TX FSK
152.090000 MHz 12.5 kHz 2.000 Watt(s) /Low Power

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
304.1800	-20.0000	-90.7912 **	-90.7662 **
456.2700	-20.0000	-84.7747 **	-85.9019 **
608.3600	-20.0000	-82.4302 **	-81.9894 **
760.4500	-20.0000	-81.2803 **	-80.6072 **
912.5400	-20.0000	-80.6580 **	-79.9306 **
1064.6300	-20.0000	-62.1307 **	-62.3885 **
1216.7200	-20.0000	-61.7543 **	-62.4194 **
1368.8100	-20.0000	-61.7900 **	-60.4268 **
1520.9000	-20.0000	-60.9345 **	-60.6239 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman Fri, Sep 04, 2020

Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported
Temp(Deg): 23.6 Hum(%RH): 69.6

System MU: 4.03 dB

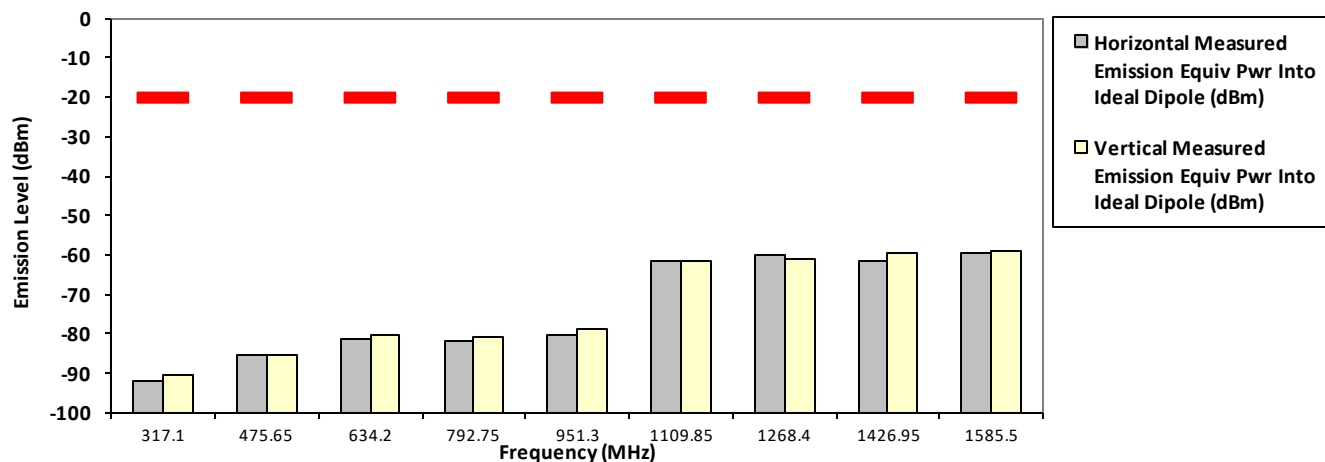
Remarks:

Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:
Model Number: T7039A (HVIN : T7039-VHFB) **S/N: 112CWR0920** **SR:22440-EMC-00003**
Battery Part No: NA **Accy Part No: 3082933N20**
Test Mode: TX FSK
158.550000 MHz **12.5 kHz** **100.000 Watt(s) /Max Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
317.1000	-20.0000	-91.8055 **	-90.6597 **
475.6500	-20.0000	-85.2454 **	-85.5626 **
634.2000	-20.0000	-81.5332 **	-80.1533 **
792.7500	-20.0000	-81.6475 **	-80.7197 **
951.3000	-20.0000	-80.2678 **	-78.7066 **
1109.8500	-20.0000	-61.3352 **	-61.5844 **
1268.4000	-20.0000	-59.7711 **	-61.0434 **
1426.9500	-20.0000	-61.3505 **	-59.3629 **
1585.5000	-20.0000	-59.6394 **	-59.1741 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
 Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman Fri, Sep 04, 2020

Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported
 Temp(Deg): 23.6 Hum(%RH): 69.6

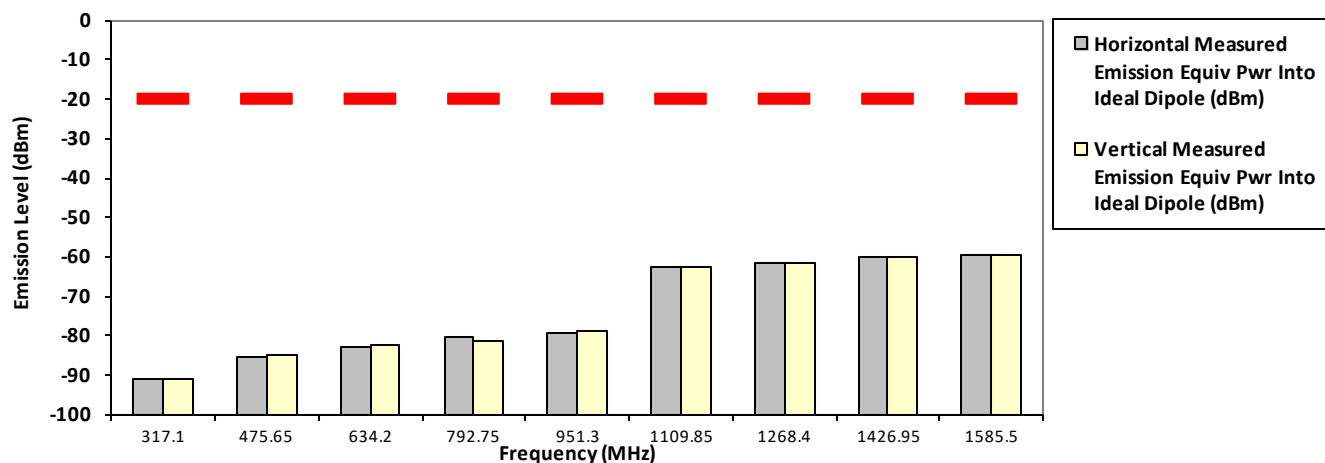
System MU: 4.03 dB

Remarks: Passed Results Marginal Results Failed Results

SAC Transmitter Radiated Emission:
Model Number: T7039A (HVIN : T7039-VHFB) S/N: 112CWR0920 SR:22440-EMC-00003
Battery Part No: NA Accy Part No: 3082933N20
Test Mode: TX FSK
158.550000 MHz 12.5 kHz 2.000 Watt(s) /Low Power

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
317.1000	-20.0000	-90.8412 **	-91.1538 **
475.6500	-20.0000	-85.4496 **	-84.9002 **
634.2000	-20.0000	-82.8316 **	-82.1499 **
792.7500	-20.0000	-80.3602 **	-81.0856 **
951.3000	-20.0000	-79.3604 **	-78.7802 **
1109.8500	-20.0000	-62.4284 **	-62.5175 **
1268.4000	-20.0000	-61.4577 **	-61.5419 **
1426.9500	-20.0000	-59.7775 **	-60.1601 **
1585.5000	-20.0000	-59.4468 **	-59.6919 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman Fri, Sep 04, 2020

Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported
Temp(Deg): 23.6 Hum(%RH): 69.6

System MU: 4.03 dB

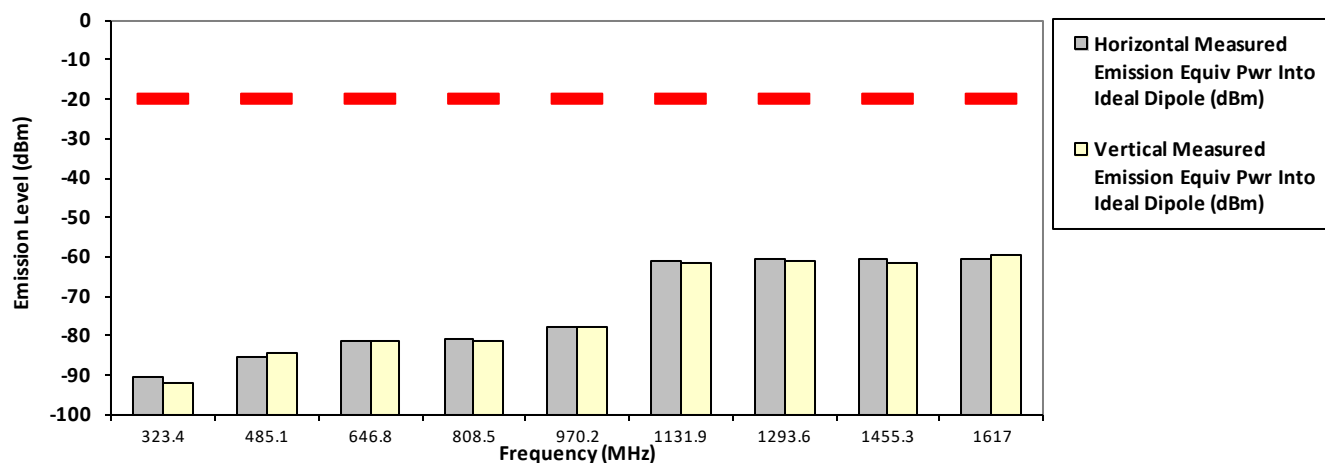
Remarks:

Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:
Model Number: T7039A (HVIN : T7039-VHFB) S/N: 112CWR0920 SR:22440-EMC-00003
Battery Part No: NA Accy Part No: 3082933N20
Test Mode: TX FSK
161.700000 MHz 12.5 kHz 100.000 Watt(s) /Max Power

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
323.4000	-20.0000	-90.5744 **	-91.8763 **
485.1000	-20.0000	-85.3842 **	-84.5032 **
646.8000	-20.0000	-81.2607 **	-81.4097 **
808.5000	-20.0000	-80.7409 **	-81.1449 **
970.2000	-20.0000	-77.8904 **	-77.9801 **
1131.9000	-20.0000	-60.8512 **	-61.5420 **
1293.6000	-20.0000	-60.7138 **	-60.9705 **
1455.3000	-20.0000	-60.6639 **	-61.7169 **
1617.0000	-20.0000	-60.2729 **	-59.4214 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman Fri, Sep 04, 2020

Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported
Temp(Deg): 23.6 Hum(%RH): 69.6

System MU: 4.03 dB

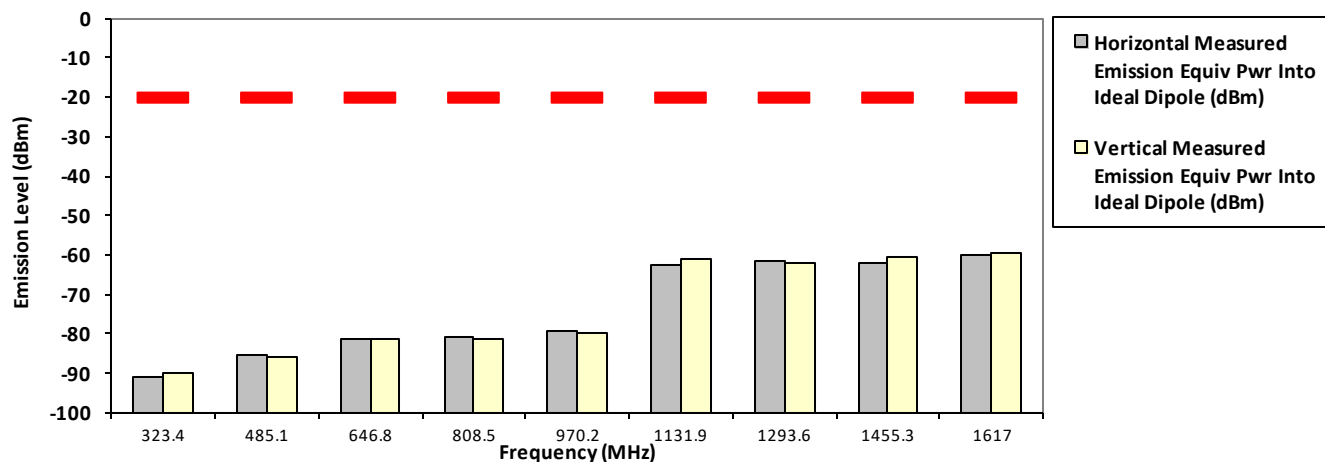
Remarks:

Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:
Model Number: T7039A (HVIN : T7039-VHFB) **S/N: 112CWR0920** **SR:22440-EMC-00003**
Battery Part No: NA **Accy Part No: 3082933N20**
Test Mode: TX FSK
161.700000 MHz **12.5 kHz** **2.000 Watt(s) /Low Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
323.4000	-20.0000	-90.7984 **	-89.7914 **
485.1000	-20.0000	-85.5222 **	-85.7805 **
646.8000	-20.0000	-81.3591 **	-81.2930 **
808.5000	-20.0000	-80.8845 **	-81.4549 **
970.2000	-20.0000	-79.4003 **	-79.9333 **
1131.9000	-20.0000	-62.5246 **	-61.2429 **
1293.6000	-20.0000	-61.4850 **	-62.0821 **
1455.3000	-20.0000	-62.0572 **	-60.5390 **
1617.0000	-20.0000	-59.8715 **	-59.2913 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman Fri, Sep 04, 2020

Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported
Temp(Deg): 23.6 Hum(%RH): 69.6

System MU: 4.03 dB

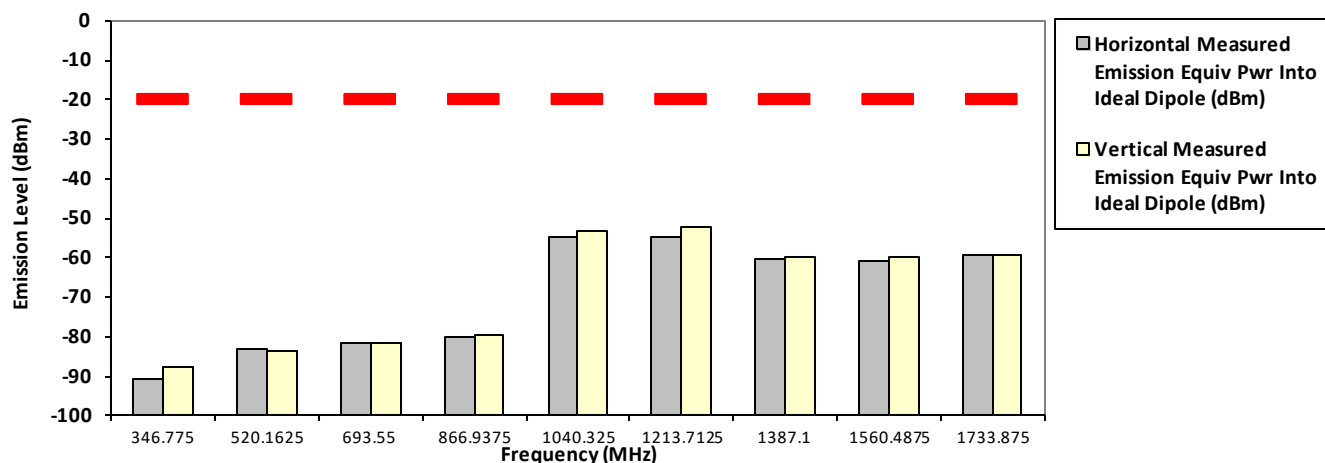
Remarks:

Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:
Model Number: T7039A (HVIN : T7039-VHFB) **S/N: 112CWR0920** **SR:22440-EMC-00003**
Battery Part No: NA **Accy Part No: 3082933N20**
Test Mode: TX FSK
173.387500 MHz **12.5 kHz** **100.000 Watt(s) /Max Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
346.7750	-20.0000	-90.6467 **	-87.8167 **
520.1625	-20.0000	-83.1638 **	-83.8602 **
693.5500	-20.0000	-81.5186 **	-81.5306 **
866.9375	-20.0000	-80.2482 **	-79.4954 **
1040.3250	-20.0000	-54.8600 *	-53.4700 *
1213.7125	-20.0000	-54.7000 *	-52.0900 *
1387.1000	-20.0000	-60.2283 **	-59.7642 **
1560.4875	-20.0000	-60.7441 **	-59.8998 **
1733.8750	-20.0000	-59.4568 **	-59.2305 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman Fri, Sep 04, 2020

Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported
Temp(Deg): 23.6 Hum(%RH): 69.6

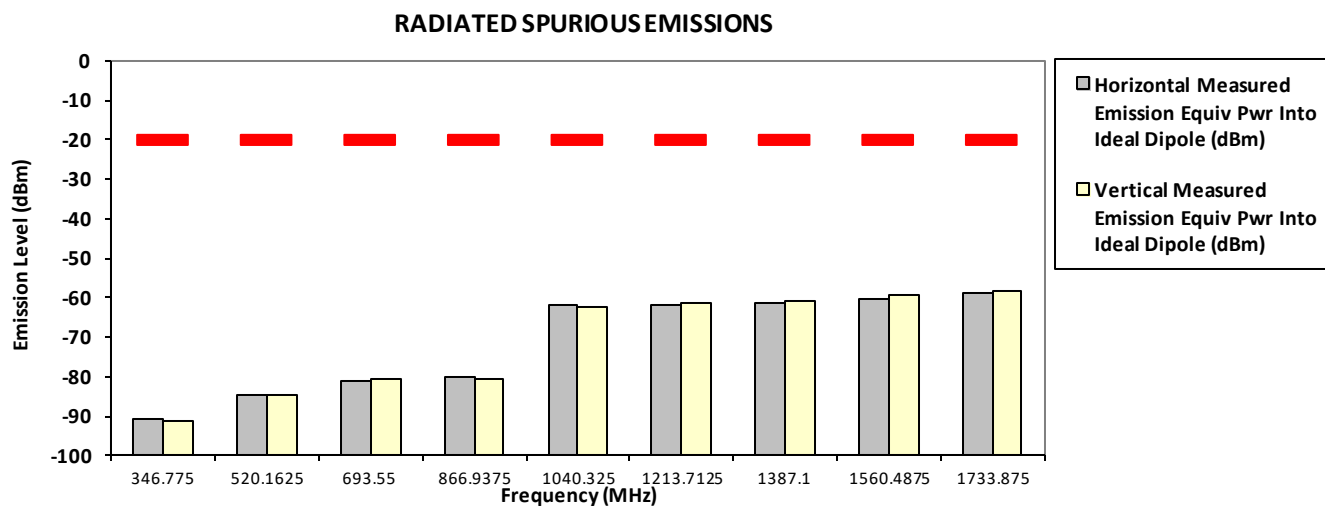
System MU: 4.03 dB

Remarks:

Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:
Model Number: T7039A (HVIN : T7039-VHFB) S/N: 112CWR0920 SR:22440-EMC-00003
Battery Part No: NA Accy Part No: 3082933N20
Test Mode: TX FSK
173.387500 MHz 12.5 kHz 2.000 Watt(s) /Low Power

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
346.7750	-20.0000	-90.7726 **	-91.0502 **
520.1625	-20.0000	-84.5528 **	-84.5582 **
693.5500	-20.0000	-81.0118 **	-80.5910 **
866.9375	-20.0000	-79.9792 **	-80.6839 **
1040.3250	-20.0000	-62.0297 **	-62.3821 **
1213.7125	-20.0000	-61.7885 **	-61.3734 **
1387.1000	-20.0000	-61.4585 **	-60.9256 **
1560.4875	-20.0000	-60.2992 **	-59.2880 **
1733.8750	-20.0000	-58.8870 **	-58.5751 **



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman Fri, Sep 04, 2020

Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported
Temp(Deg): 23.6 Hum(%RH): 69.6

System MU: 4.03 dB

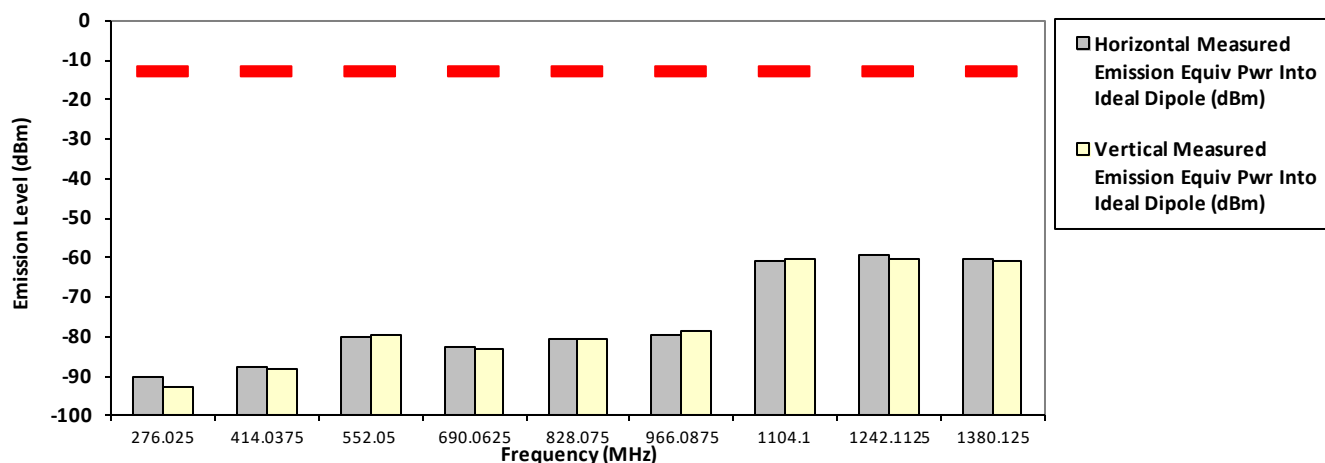
Remarks:

Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:
Model Number: T7039A (HVIN : T7039-VHFB) **S/N: 112CWR0920** **SR:22440-EMC-00003**
Battery Part No: NA **Accy Part No: 3082933N20**
Test Mode: TX FSK
138.012500 MHz **25 kHz** **100.000 Watt(s) /Max Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
276.0250	-13.0000	-90.3361 **	-92.6397 **
414.0375	-13.0000	-87.7650 **	-87.9624 **
552.0500	-13.0000	-80.3470 **	-79.6424 **
690.0625	-13.0000	-82.4875 **	-82.9216 **
828.0750	-13.0000	-80.3671 **	-80.4584 **
966.0875	-13.0000	-79.5499 **	-78.4526 **
1104.1000	-13.0000	-60.9777 **	-60.4718 **
1242.1125	-13.0000	-59.2890 **	-60.3299 **
1380.1250	-13.0000	-60.4168 **	-60.9575 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman Fri, Sep 04, 2020

Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported
Temp(Deg): 23.6 Hum(%RH): 69.6

System MU: 4.03 dB

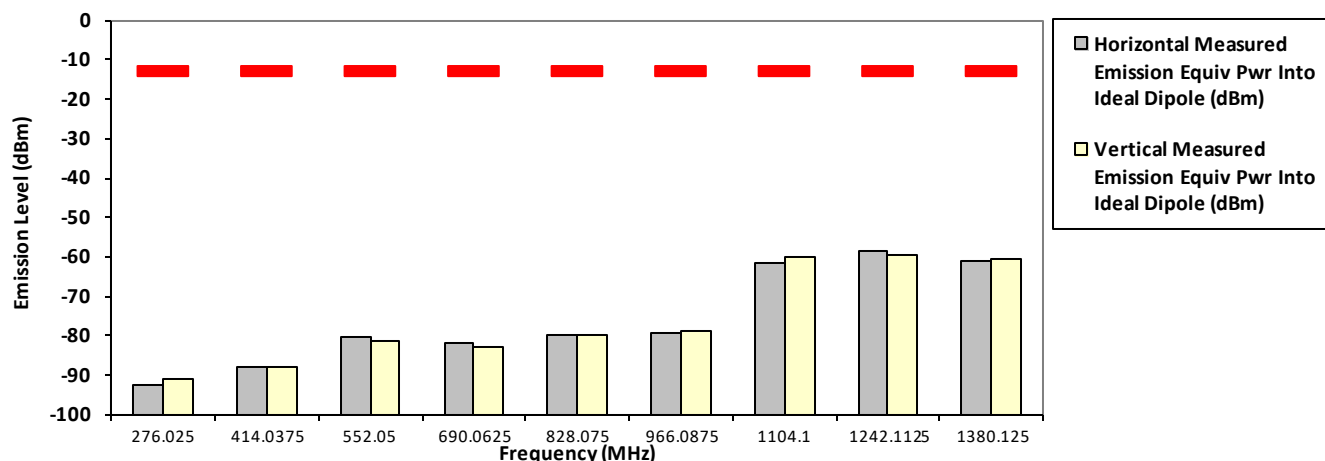
Remarks:

Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:
Model Number: T7039A (HVIN : T7039-VHFB) **S/N: 112CWR0920** **SR:22440-EMC-00003**
Battery Part No: NA **Accy Part No: 3082933N20**
Test Mode: TX FSK
138.012500 MHz **25 kHz** **2.000 Watt(s) /Low Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
276.0250	-13.0000	-92.5547 **	-91.0246 **
414.0375	-13.0000	-87.6721 **	-88.0414 **
552.0500	-13.0000	-80.4243 **	-81.1866 **
690.0625	-13.0000	-81.9210 **	-82.7222 **
828.0750	-13.0000	-79.7651 **	-79.6762 **
966.0875	-13.0000	-79.3209 **	-78.8912 **
1104.1000	-13.0000	-61.3599 **	-60.1017 **
1242.1125	-13.0000	-58.5816 **	-59.4216 **
1380.1250	-13.0000	-60.8299 **	-60.6971 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman Fri, Sep 04, 2020

Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported
Temp(Deg): 23.6 Hum(%RH): 69.6

System MU: 4.03 dB

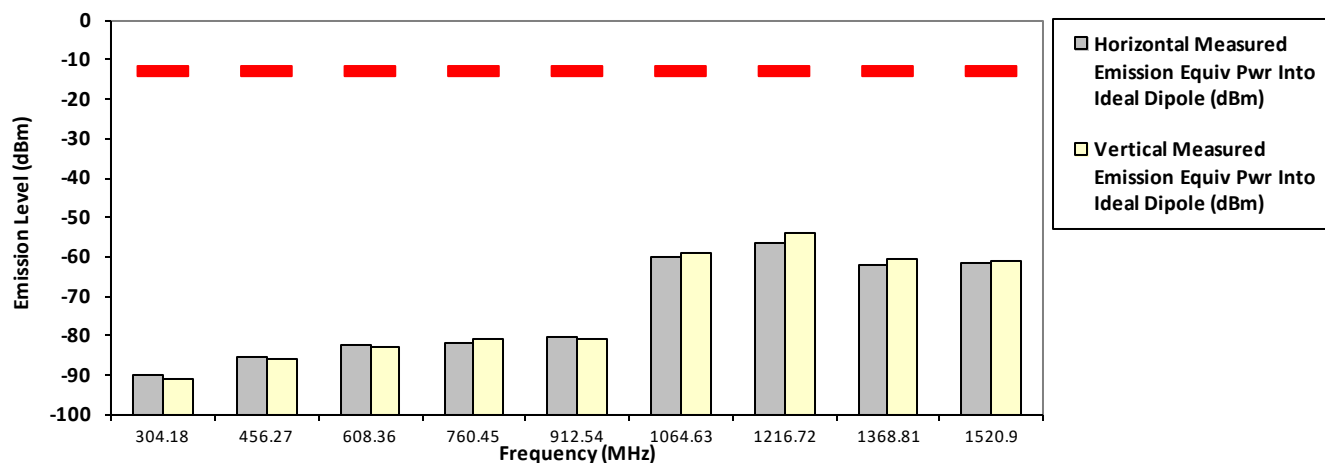
Remarks:

Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:
Model Number: T7039A (HVIN : T7039-VHFB) **S/N: 112CWR0920** **SR:22440-EMC-00003**
Battery Part No: NA **Accy Part No: 3082933N20**
Test Mode: TX FSK
152.090000 MHz **25 kHz** **100.000 Watt(s) /Max Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
304.1800	-13.0000	-89.7753 **	-90.9392 **
456.2700	-13.0000	-85.4020 **	-85.7566 **
608.3600	-13.0000	-82.2340 **	-82.8116 **
760.4500	-13.0000	-81.6608 **	-80.8741 **
912.5400	-13.0000	-80.3074 **	-80.6671 **
1064.6300	-13.0000	-60.1013 **	-58.7174 **
1216.7200	-13.0000	-56.2100 *	-54.0500 *
1368.8100	-13.0000	-62.0938 **	-60.4247 **
1520.9000	-13.0000	-61.3671 **	-61.0263 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman Fri, Sep 04, 2020

Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported
Temp(Deg): 23.6 Hum(%RH): 69.6

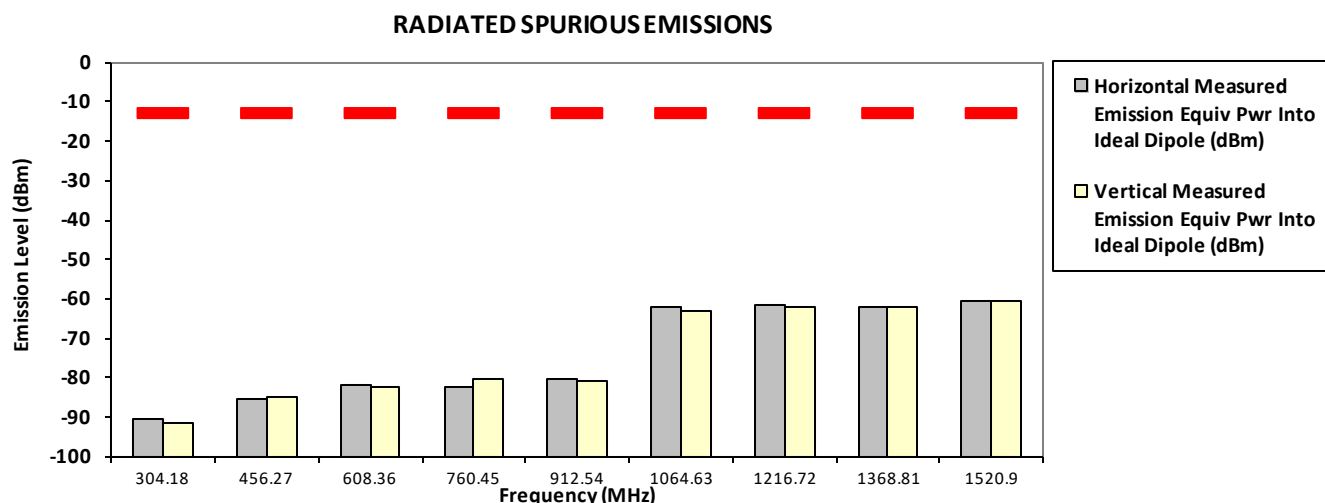
System MU: 4.03 dB

Remarks:

Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:
Model Number: T7039A (HVIN : T7039-VHFB) **S/N: 112CWR0920** **SR:22440-EMC-00003**
Battery Part No: NA **Accy Part No: 3082933N20**
Test Mode: TX FSK
152.090000 MHz **25 kHz** **2.000 Watt(s) /Low Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
304.1800	-13.0000	-90.4696 **	-91.3033 **
456.2700	-13.0000	-85.1429 **	-84.6537 **
608.3600	-13.0000	-82.0055 **	-82.1582 **
760.4500	-13.0000	-82.4920 **	-80.4205 **
912.5400	-13.0000	-80.4876 **	-80.8157 **
1064.6300	-13.0000	-62.0185 **	-62.9927 **
1216.7200	-13.0000	-61.4873 **	-61.9971 **
1368.8100	-13.0000	-61.8334 **	-62.0445 **
1520.9000	-13.0000	-60.6479 **	-60.4353 **



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman Fri, Sep 04, 2020

Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported
Temp(Deg): 23.6 Hum(%RH): 69.6

System MU: 4.03 dB

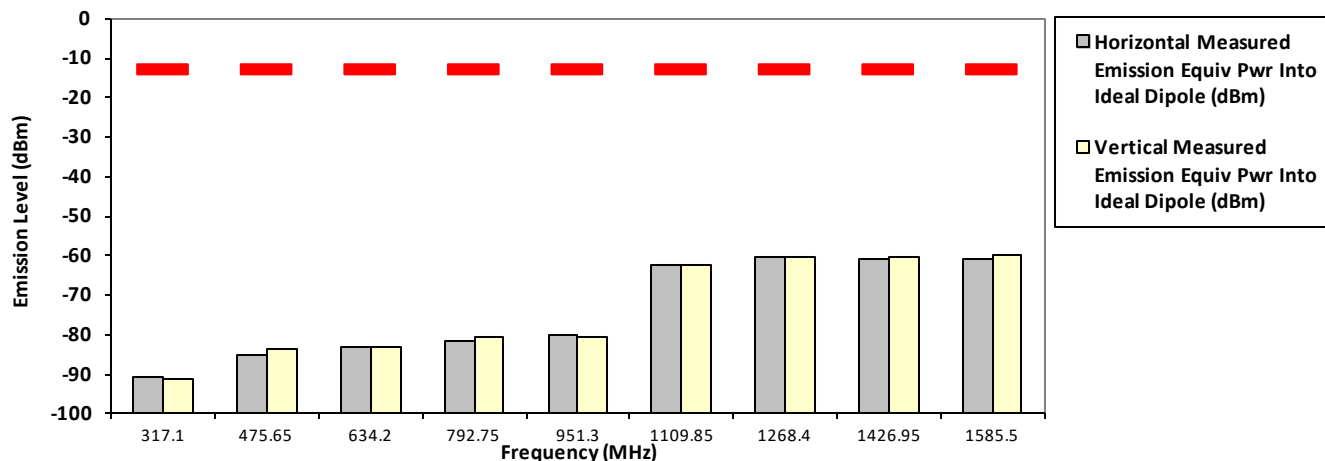
Remarks:

Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:
Model Number: T7039A (HVIN : T7039-VHFB) S/N: 112CWR0920 SR:22440-EMC-00003
Battery Part No: NA Accy Part No: 3082933N20
Test Mode: TX FSK
158.550000 MHz 25 kHz 100.000 Watt(s) /Max Power

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
317.1000	-13.0000	-90.7774 **	-91.2371 **
475.6500	-13.0000	-84.9171 **	-83.8725 **
634.2000	-13.0000	-83.0238 **	-83.0007 **
792.7500	-13.0000	-81.4462 **	-80.6515 **
951.3000	-13.0000	-80.0037 **	-80.3722 **
1109.8500	-13.0000	-62.1637 **	-62.1684 **
1268.4000	-13.0000	-60.2973 **	-60.3568 **
1426.9500	-13.0000	-60.8731 **	-60.1266 **
1585.5000	-13.0000	-60.7341 **	-59.6561 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman Fri, Sep 04, 2020

Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported
Temp(Deg): 23.6 Hum(%RH): 69.6

System MU: 4.03 dB

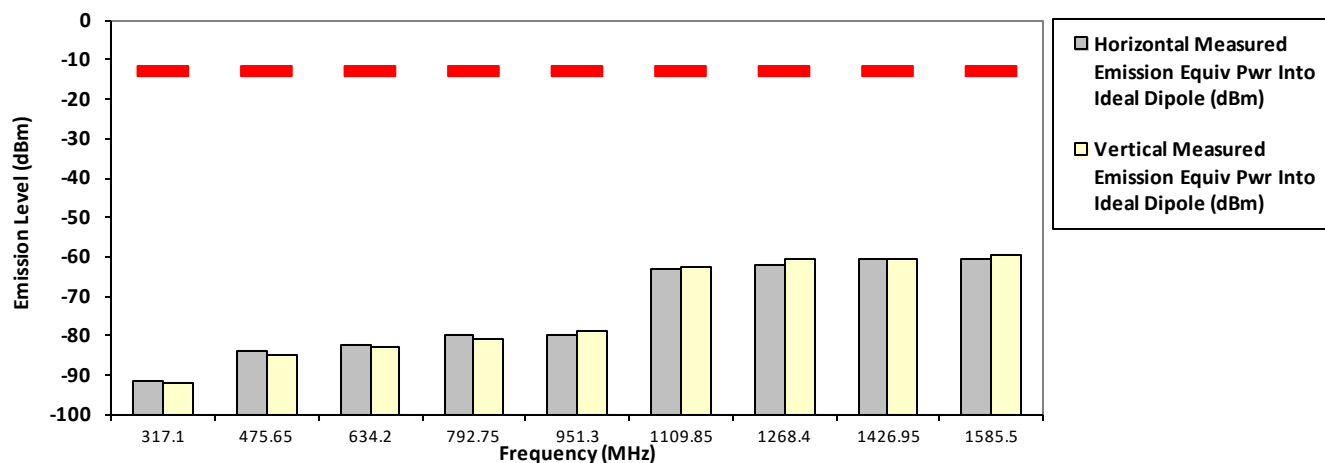
Remarks:

Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:
Model Number: T7039A (HVIN : T7039-VHFB) **S/N: 112CWR0920** **SR:22440-EMC-00003**
Battery Part No: NA **Accy Part No: 3082933N20**
Test Mode: TX FSK
158.550000 MHz **25 kHz** **2.000 Watt(s) /Low Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
317.1000	-13.0000	-91.1904 **	-92.0092 **
475.6500	-13.0000	-83.9581 **	-84.9764 **
634.2000	-13.0000	-82.3724 **	-82.6157 **
792.7500	-13.0000	-79.8878 **	-80.9810 **
951.3000	-13.0000	-79.7719 **	-78.9974 **
1109.8500	-13.0000	-62.8651 **	-62.6328 **
1268.4000	-13.0000	-61.7732 **	-60.6566 **
1426.9500	-13.0000	-60.6699 **	-60.7382 **
1585.5000	-13.0000	-60.4652 **	-59.6935 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman Fri, Sep 04, 2020

Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported
Temp(Deg): 23.6 Hum(%RH): 69.6

System MU: 4.03 dB

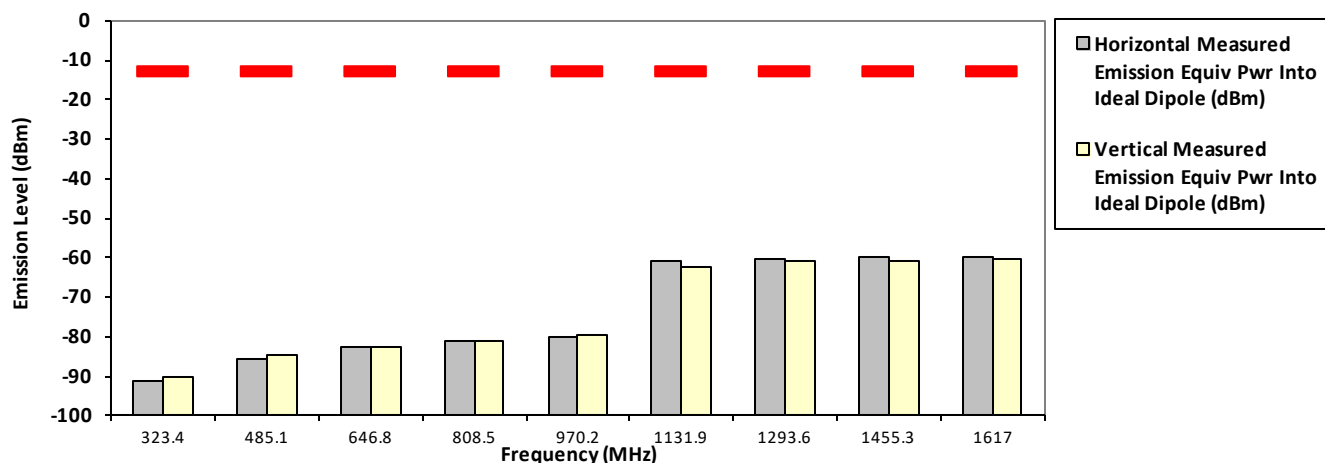
Remarks:

Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:
Model Number: T7039A (HVIN : T7039-VHFB) **S/N: 112CWR0920** **SR:22440-EMC-00003**
Battery Part No: NA **Accy Part No: 3082933N20**
Test Mode: TX FSK
161.700000 MHz **25 kHz** **100.000 Watt(s) /Max Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
323.4000	-13.0000	-91.2600 **	-90.1176 **
485.1000	-13.0000	-85.7340 **	-84.6410 **
646.8000	-13.0000	-82.4109 **	-82.6383 **
808.5000	-13.0000	-81.0824 **	-81.2255 **
970.2000	-13.0000	-79.9480 **	-79.4873 **
1131.9000	-13.0000	-60.6939 **	-62.1621 **
1293.6000	-13.0000	-60.4120 **	-60.9204 **
1455.3000	-13.0000	-60.0068 **	-61.0374 **
1617.0000	-13.0000	-59.8900 **	-60.1317 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman Fri, Sep 04, 2020

Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported
Temp(Deg): 23.6 Hum(%RH): 69.6

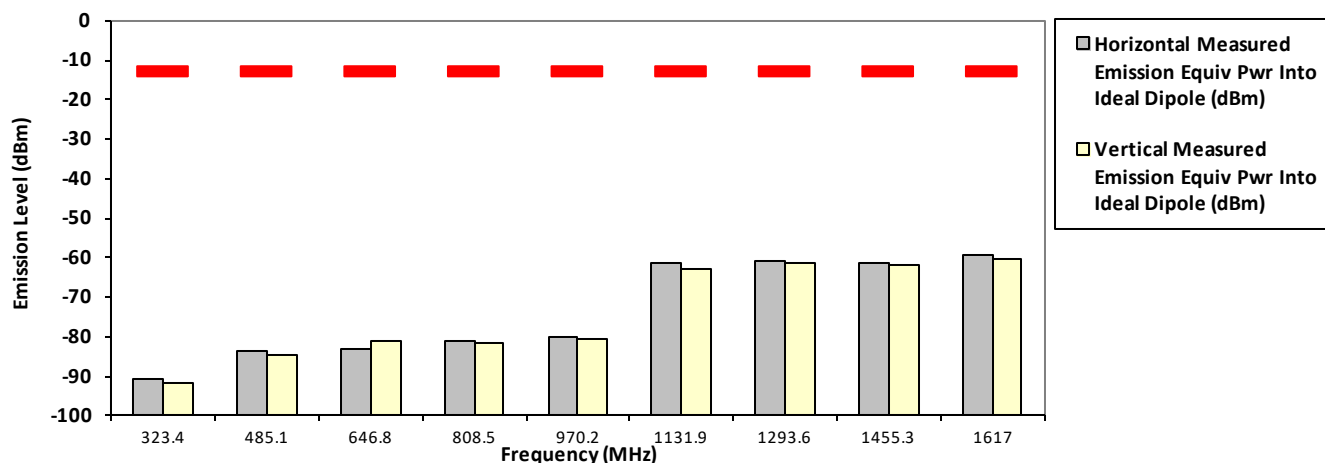
System MU: 4.03 dB

Remarks: Passed Results Marginal Results Failed Results

SAC Transmitter Radiated Emission:
Model Number: T7039A (HVIN : T7039-VHFB) **S/N: 112CWR0920** **SR:22440-EMC-00003**
Battery Part No: NA **Accy Part No: 3082933N20**
Test Mode: TX FSK
161.700000 MHz **25 kHz** **2.000 Watt(s) /Low Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
323.4000	-13.0000	-90.5900 **	-91.6981 **
485.1000	-13.0000	-83.4940 **	-84.4310 **
646.8000	-13.0000	-83.0264 **	-81.2558 **
808.5000	-13.0000	-80.9708 **	-81.7565 **
970.2000	-13.0000	-80.1608 **	-80.5432 **
1131.9000	-13.0000	-61.1487 **	-62.7885 **
1293.6000	-13.0000	-60.9595 **	-61.5212 **
1455.3000	-13.0000	-61.4227 **	-61.8047 **
1617.0000	-13.0000	-59.3011 **	-60.1553 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman Fri, Sep 04, 2020

Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.

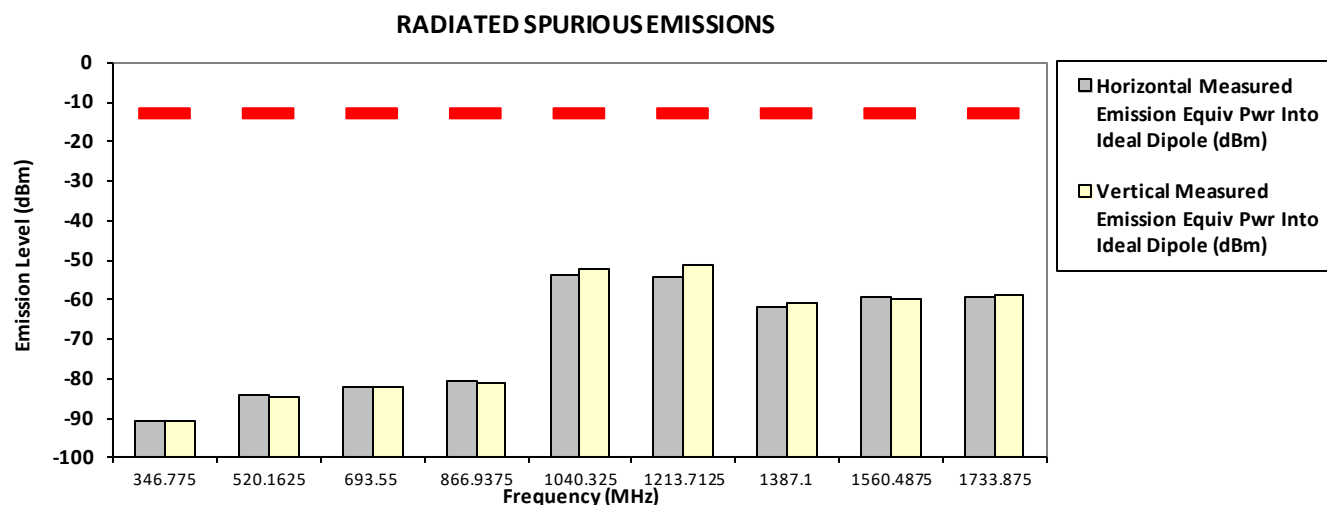
*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported
Temp(Deg): 23.6 Hum(%RH): 69.6

System MU: 4.03 dB

Remarks: Passed Results Marginal Results Failed Results

SAC Transmitter Radiated Emission:
Model Number: T7039A (HVIN : T7039-VHFB) **S/N: 112CWR0920** **SR:22440-EMC-00003**
Battery Part No: NA **Accy Part No: 3082933N20**
Test Mode: TX FSK
173.387500 MHz **25 kHz** **100.000 Watt(s) /Max Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
346.7750	-13.0000	-90.5395 **	-90.5451 **
520.1625	-13.0000	-83.9468 **	-84.6023 **
693.5500	-13.0000	-82.2076 **	-82.3774 **
866.9375	-13.0000	-80.3968 **	-80.9015 **
1040.3250	-13.0000	-53.5900 *	-52.0000 *
1213.7125	-13.0000	-54.0300 *	-51.4800 *
1387.1000	-13.0000	-61.6532 **	-60.6101 **
1560.4875	-13.0000	-59.3349 **	-59.6023 **
1733.8750	-13.0000	-59.1744 **	-58.9101 **



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman Fri, Sep 04, 2020

Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported
Temp(Deg): 23.6 Hum(%RH): 69.6

System MU: 4.03 dB

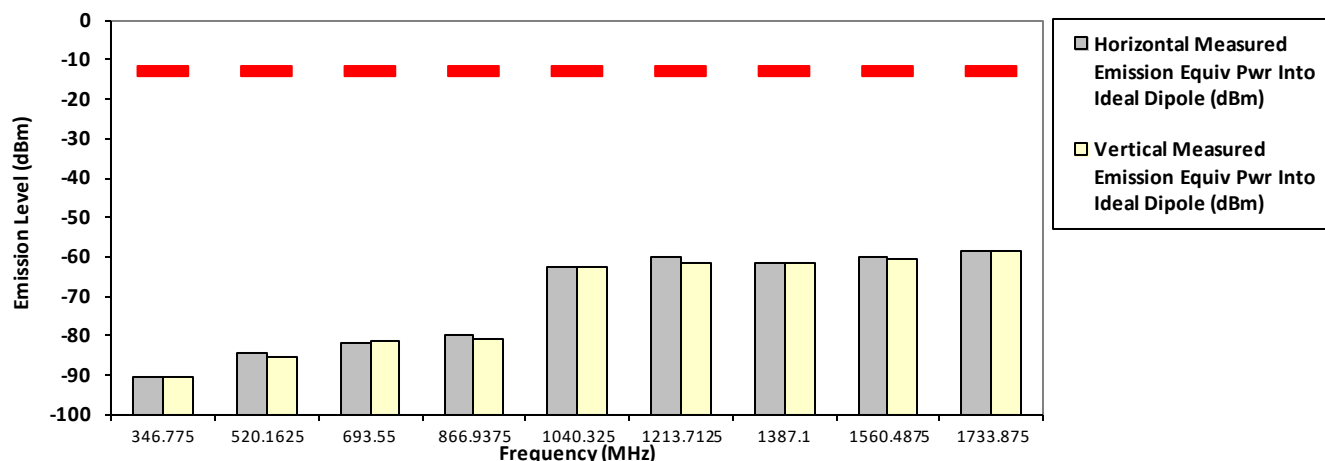
Remarks:

Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:
Model Number: T7039A (HVIN : T7039-VHFB) **S/N: 112CWR0920** **SR:22440-EMC-00003**
Battery Part No: NA **Accy Part No: 3082933N20**
Test Mode: TX FSK
173.387500 MHz **25 kHz** **2.000 Watt(s) /Low Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
346.7750	-13.0000	-90.5395 **	-90.3103 **
520.1625	-13.0000	-84.3524 **	-85.3548 **
693.5500	-13.0000	-81.8651 **	-81.2037 **
866.9375	-13.0000	-79.9220 **	-80.9620 **
1040.3250	-13.0000	-62.3179 **	-62.3648 **
1213.7125	-13.0000	-60.1885 **	-61.7167 **
1387.1000	-13.0000	-61.5670 **	-61.5725 **
1560.4875	-13.0000	-60.0718 **	-60.4911 **
1733.8750	-13.0000	-58.4879 **	-58.5585 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman Fri, Sep 04, 2020

Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported
Temp(Deg): 23.6 Hum(%RH): 69.6

System MU: 4.03 dB

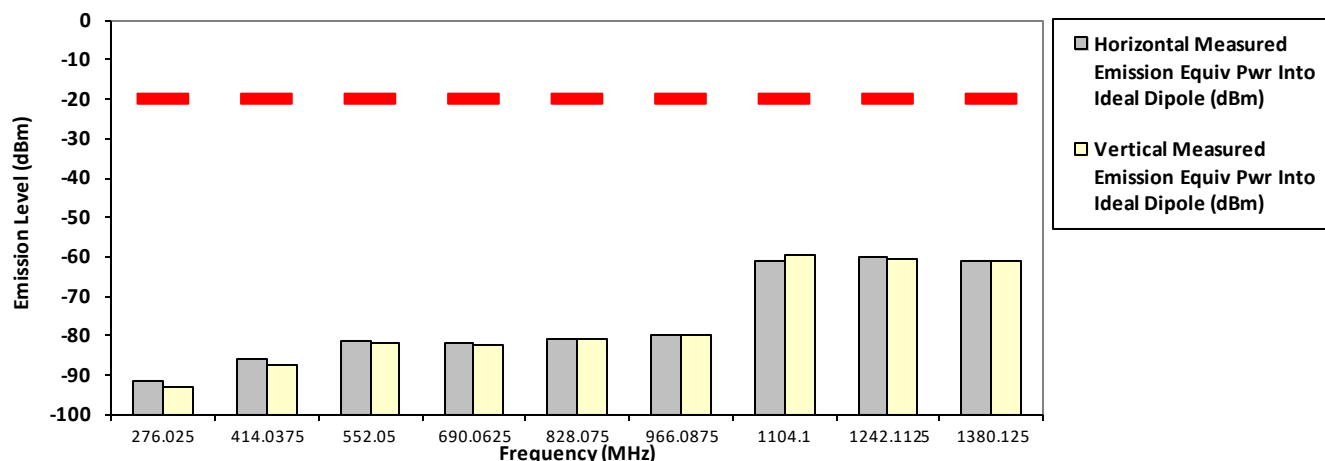
Remarks:

Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:
Model Number: T7039A (HVIN : T7039-VHFB) **S/N: 112CWR0920** **SR:22440-EMC-00003**
Battery Part No: NA **Accy Part No: 3082933N20**
Test Mode: TX LSM
138.012500 MHz **12.5 kHz** **60.000 Watt(s) /Max Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
276.0250	-20.0000	-91.4648 **	-92.9988 **
414.0375	-20.0000	-85.7639 **	-87.4344 **
552.0500	-20.0000	-81.1327 **	-81.8742 **
690.0625	-20.0000	-82.0040 **	-82.1948 **
828.0750	-20.0000	-80.8259 **	-80.6335 **
966.0875	-20.0000	-80.0182 **	-79.7200 **
1104.1000	-20.0000	-60.8679 **	-59.4381 **
1242.1125	-20.0000	-60.1220 **	-60.3171 **
1380.1250	-20.0000	-61.2138 **	-60.8631 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman Sat, Sep 05, 2020

Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported
Temp(Deg): 23.6 Hum(%RH): 69.6

System MU: 4.03 dB

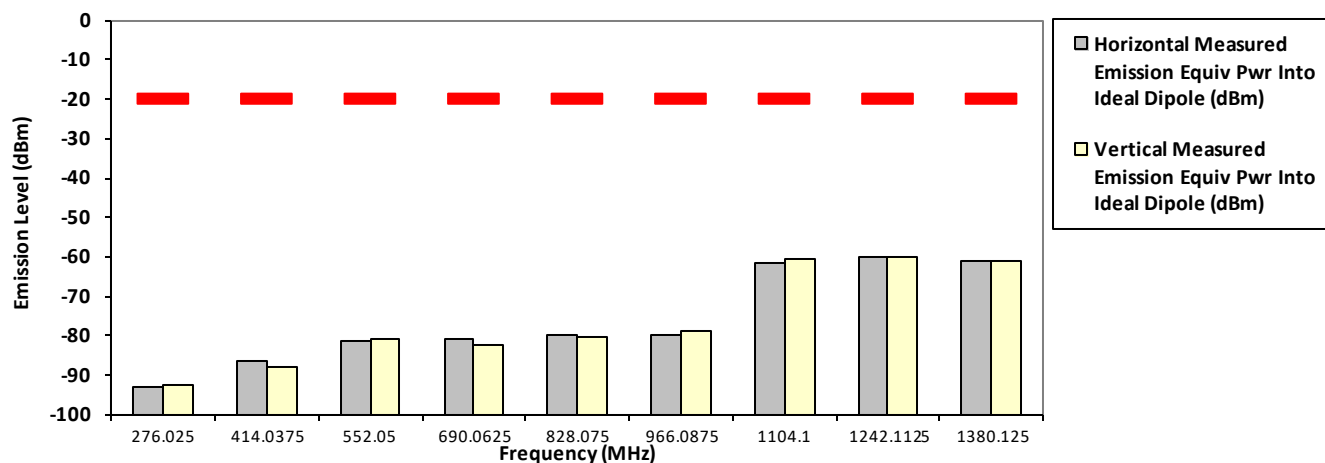
Remarks:

Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:
Model Number: T7039A (HVIN : T7039-VHFB) S/N: 112CWR0920 SR:22440-EMC-00003
Battery Part No: NA Accy Part No: 3082933N20
Test Mode: TX LSM
138.012500 MHz 12.5 kHz 2.000 Watt(s) /Low Power

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
276.0250	-20.0000	-92.7843 **	-92.4873 **
414.0375	-20.0000	-86.5395 **	-87.8530 **
552.0500	-20.0000	-81.5093 **	-80.6424 **
690.0625	-20.0000	-81.0108 **	-82.2312 **
828.0750	-20.0000	-79.8912 **	-80.3259 **
966.0875	-20.0000	-79.8593 **	-78.7086 **
1104.1000	-20.0000	-61.6131 **	-60.7349 **
1242.1125	-20.0000	-60.1478 **	-59.7552 **
1380.1250	-20.0000	-61.1042 **	-60.8284 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman Sat, Sep 05, 2020

Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported
Temp(Deg): 23.6 Hum(%RH): 69.6

System MU: 4.03 dB

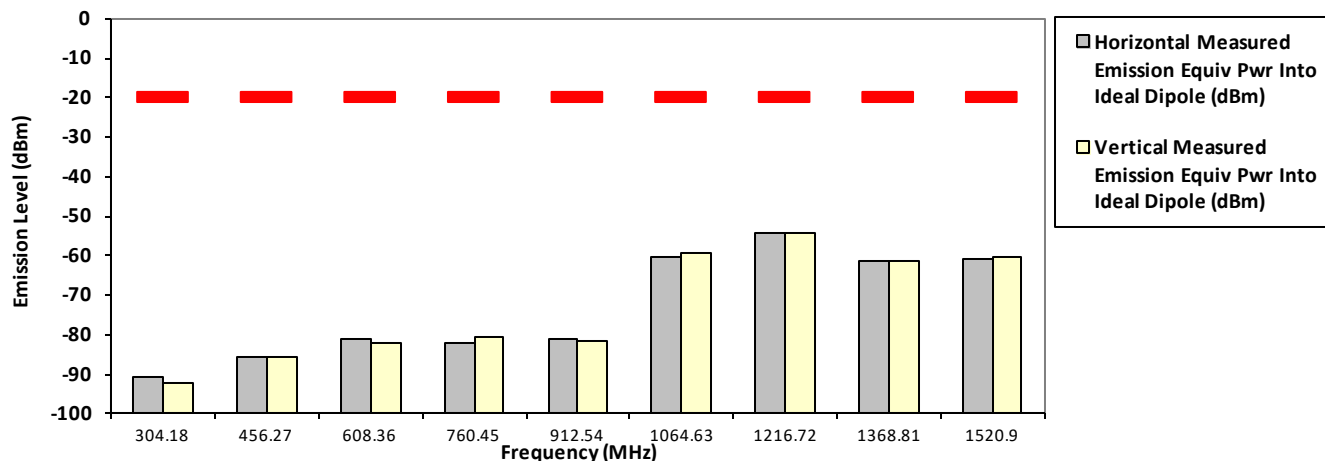
Remarks:

Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:
Model Number: T7039A (HVIN : T7039-VHFB) S/N: 112CWR0920 SR:22440-EMC-00003
Battery Part No: NA Accy Part No: 3082933N20
Test Mode: TX LSM
152.090000 MHz 12.5 kHz 60.000 Watt(s) /Max Power

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
304.1800	-20.0000	-90.9382 **	-92.0843 **
456.2700	-20.0000	-85.5072 **	-85.8383 **
608.3600	-20.0000	-80.9446 **	-81.9179 **
760.4500	-20.0000	-81.9408 **	-80.5594 **
912.5400	-20.0000	-80.9822 **	-81.4445 **
1064.6300	-20.0000	-60.5426 **	-59.4432 **
1216.7200	-20.0000	-54.0400 *	-54.3100 *
1368.8100	-20.0000	-61.6007 **	-61.1547 **
1520.9000	-20.0000	-60.7171 **	-60.3054 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman Sat, Sep 05, 2020

Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported
Temp(Deg): 23.6 Hum(%RH): 69.6

System MU: 4.03 dB

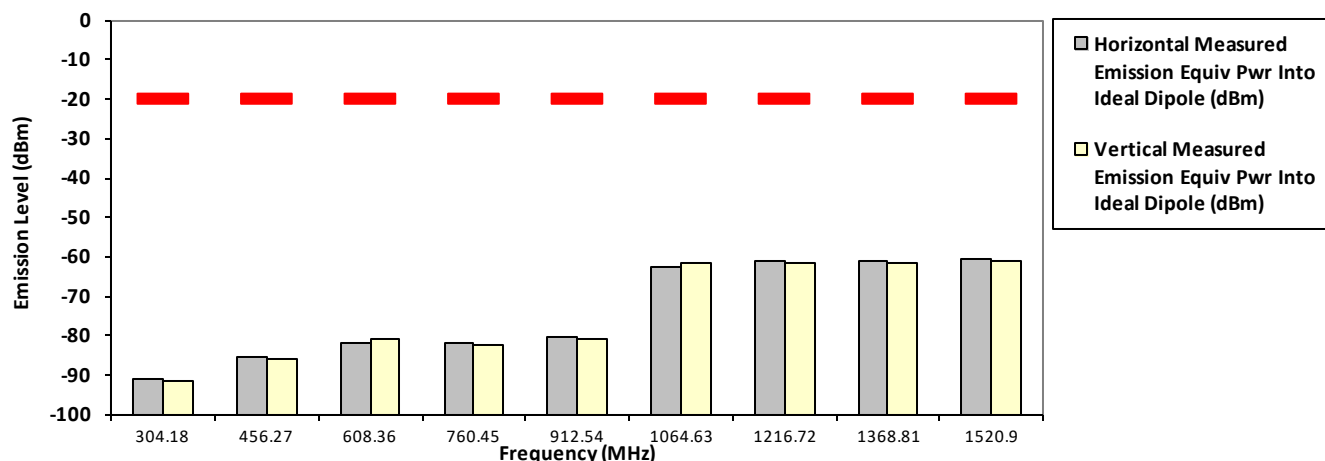
Remarks:

Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:
Model Number: T7039A (HVIN : T7039-VHFB) **S/N: 112CWR0920** **SR:22440-EMC-00003**
Battery Part No: NA **Accy Part No: 3082933N20**
Test Mode: TX LSM
152.090000 MHz **12.5 kHz** **2.000 Watt(s) /Low Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
304.1800	-20.0000	-91.0837 **	-91.6128 **
456.2700	-20.0000	-85.3840 **	-85.8918 **
608.3600	-20.0000	-81.7412 **	-80.7380 **
760.4500	-20.0000	-81.7214 **	-82.1940 **
912.5400	-20.0000	-80.1896 **	-80.8008 **
1064.6300	-20.0000	-62.7593 **	-61.7098 **
1216.7200	-20.0000	-60.8518 **	-61.5728 **
1368.8100	-20.0000	-61.1293 **	-61.3168 **
1520.9000	-20.0000	-60.7404 **	-60.8318 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman Sat, Sep 05, 2020

Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported
Temp(Deg): 23.6 Hum(%RH): 69.6

System MU: 4.03 dB

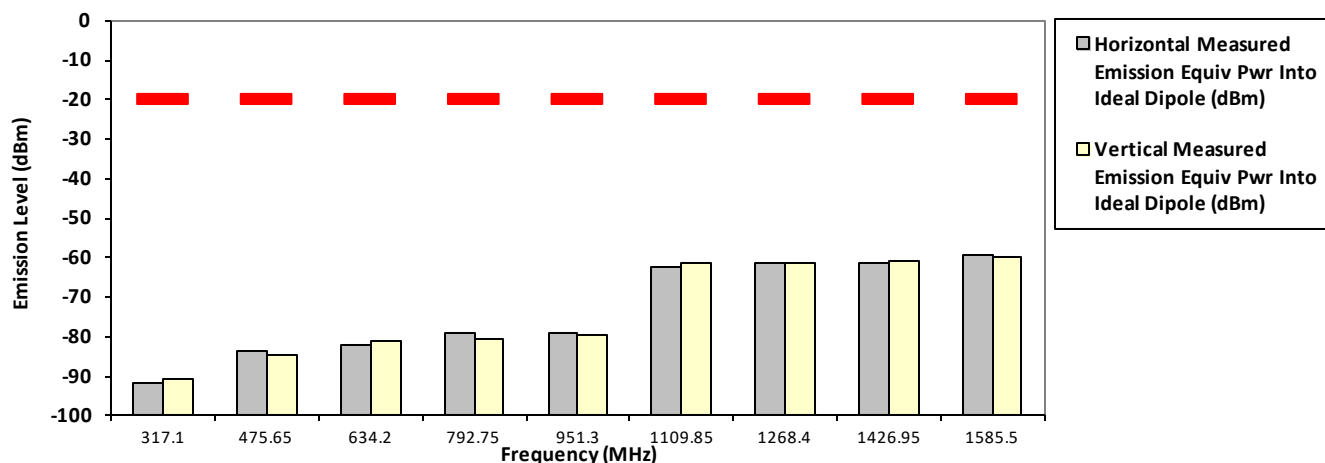
Remarks:

Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:
Model Number: T7039A (HVIN : T7039-VHFB) S/N: 112CWR0920 SR:22440-EMC-00003
Battery Part No: NA Accy Part No: 3082933N20
Test Mode: TX LSM
158.550000 MHz 12.5 kHz 60.000 Watt(s) /Max Power

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
317.1000	-20.0000	-91.6146 **	-90.6932 **
475.6500	-20.0000	-83.8716 **	-84.8781 **
634.2000	-20.0000	-82.2872 **	-81.0207 **
792.7500	-20.0000	-79.3048 **	-80.4708 **
951.3000	-20.0000	-79.0822 **	-79.4477 **
1109.8500	-20.0000	-62.2284 **	-61.6029 **
1268.4000	-20.0000	-61.3166 **	-61.4237 **
1426.9500	-20.0000	-61.5106 **	-61.0732 **
1585.5000	-20.0000	-59.2868 **	-59.8316 **

RADIATED SPURIOUS EMISSIONS



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Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman Sat, Sep 05, 2020

Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported
Temp(Deg): 23.6 Hum(%RH): 69.6

System MU: 4.03 dB

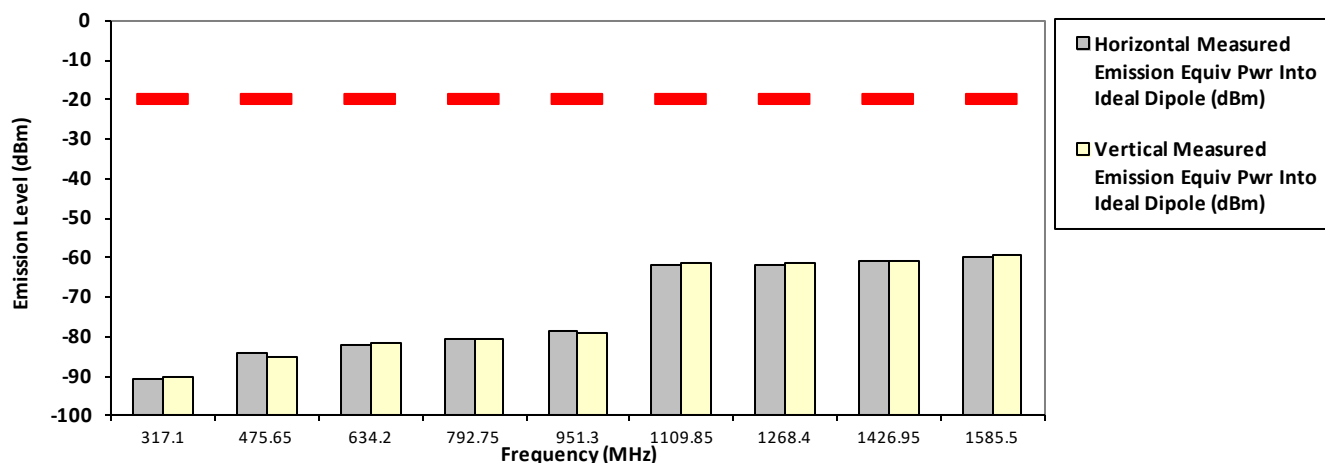
Remarks:

Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:
Model Number: T7039A (HVIN : T7039-VHFB) **S/N: 112CWR0920** **SR:22440-EMC-00003**
Battery Part No: NA **Accy Part No: 3082933N20**
Test Mode: TX LSM
158.550000 MHz **12.5 kHz** **2.000 Watt(s) /Low Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
317.1000	-20.0000	-90.6670 **	-90.3107 **
475.6500	-20.0000	-84.0074 **	-85.1852 **
634.2000	-20.0000	-81.9223 **	-81.6392 **
792.7500	-20.0000	-80.4822 **	-80.4660 **
951.3000	-20.0000	-78.7501 **	-78.9676 **
1109.8500	-20.0000	-61.7667 **	-61.5990 **
1268.4000	-20.0000	-61.9098 **	-61.3474 **
1426.9500	-20.0000	-60.7247 **	-60.9328 **
1585.5000	-20.0000	-59.6838 **	-59.4448 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
 Nazrin&Qawiman Sat, Sep 05, 2020

Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported
 Temp(Deg): 23.6 Hum(%RH): 69.6

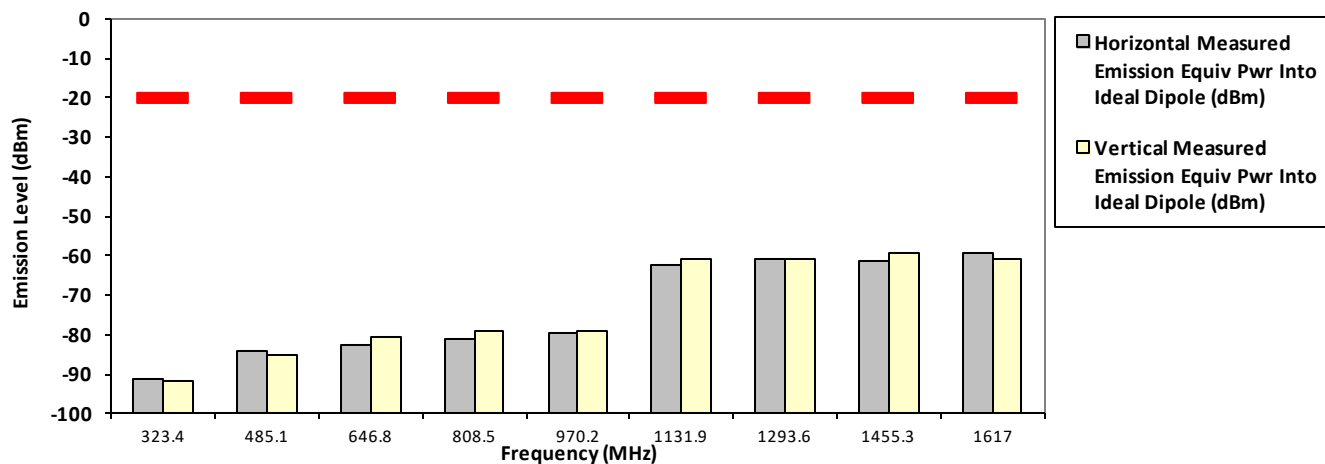
System MU: 4.03 dB

Remarks: Passed Results Marginal Results Failed Results

SAC Transmitter Radiated Emission:
Model Number: T7039A (HVIN : T7039-VHFB) S/N: 112CWR0920 SR:22440-EMC-00003
Battery Part No: NA Accy Part No: 3082933N20
Test Mode: TX LSM
161.700000 MHz 12.5 kHz 60.000 Watt(s) /Max Power

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
323.4000	-20.0000	-91.1192 **	-91.5004 **
485.1000	-20.0000	-84.3457 **	-85.1070 **
646.8000	-20.0000	-82.4153 **	-80.8638 **
808.5000	-20.0000	-81.3080 **	-79.2842 **
970.2000	-20.0000	-79.3761 **	-79.3267 **
1131.9000	-20.0000	-62.2310 **	-60.9666 **
1293.6000	-20.0000	-60.7892 **	-60.8965 **
1455.3000	-20.0000	-61.6002 **	-59.3379 **
1617.0000	-20.0000	-59.3480 **	-60.8363 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman Sat, Sep 05, 2020

Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported
Temp(Deg): 23.6 Hum(%RH): 69.6

System MU: 4.03 dB

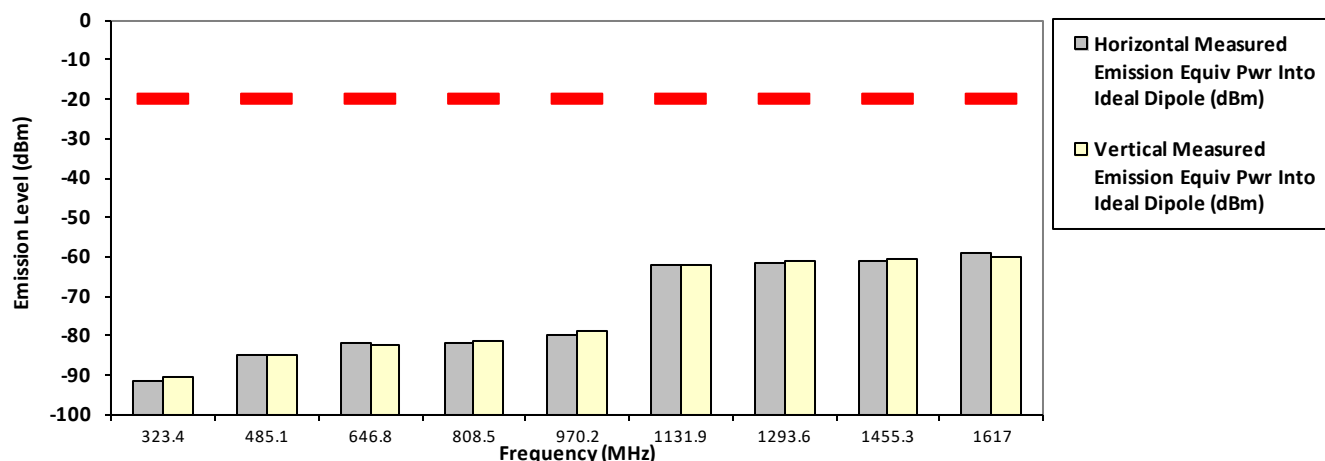
Remarks:

Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:
Model Number: T7039A (HVIN : T7039-VHFB) **S/N: 112CWR0920** **SR:22440-EMC-00003**
Battery Part No: NA **Accy Part No: 3082933N20**
Test Mode: TX LSM
161.700000 MHz **12.5 kHz** **2.000 Watt(s) /Low Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
323.4000	-20.0000	-91.3353 **	-90.4625 **
485.1000	-20.0000	-84.9003 **	-85.0297 **
646.8000	-20.0000	-81.6868 **	-82.3308 **
808.5000	-20.0000	-81.6109 **	-81.1924 **
970.2000	-20.0000	-79.6996 **	-78.9243 **
1131.9000	-20.0000	-62.1745 **	-62.2008 **
1293.6000	-20.0000	-61.3508 **	-61.2216 **
1455.3000	-20.0000	-60.8886 **	-60.5479 **
1617.0000	-20.0000	-58.9624 **	-60.2121 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman Sat, Sep 05, 2020

Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported
Temp(Deg): 23.6 Hum(%RH): 69.6

System MU: 4.03 dB

Remarks:

Passed Results	Marginal Results	Failed Results
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