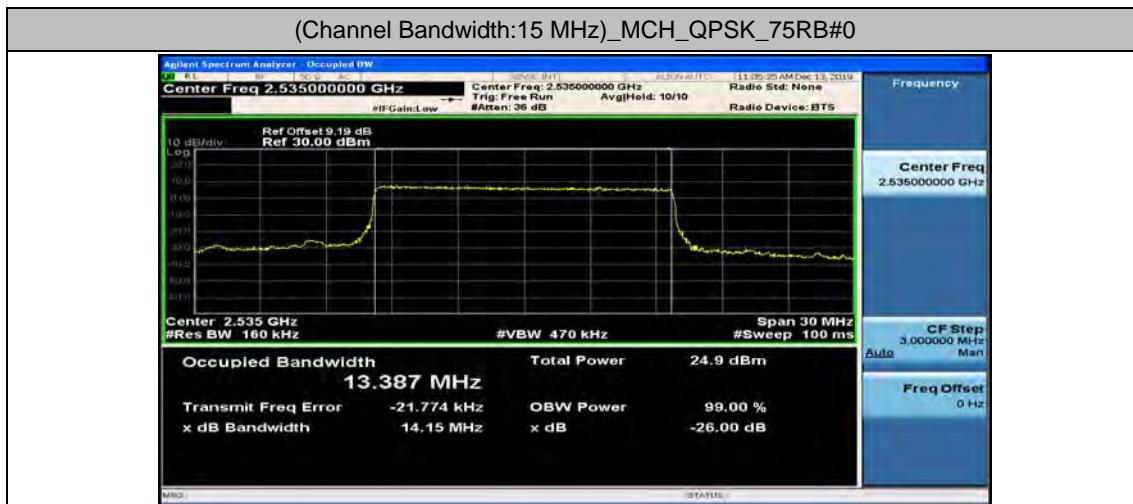
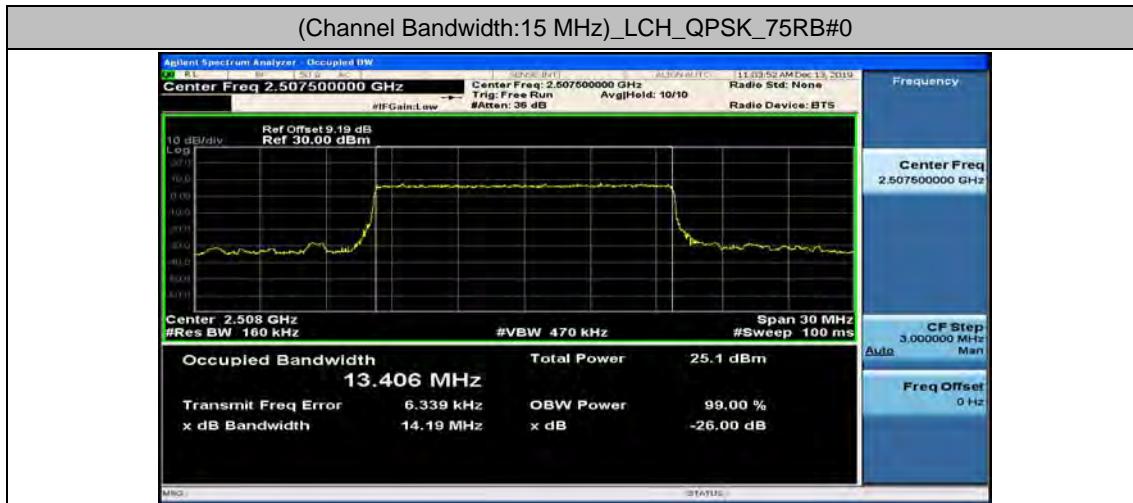
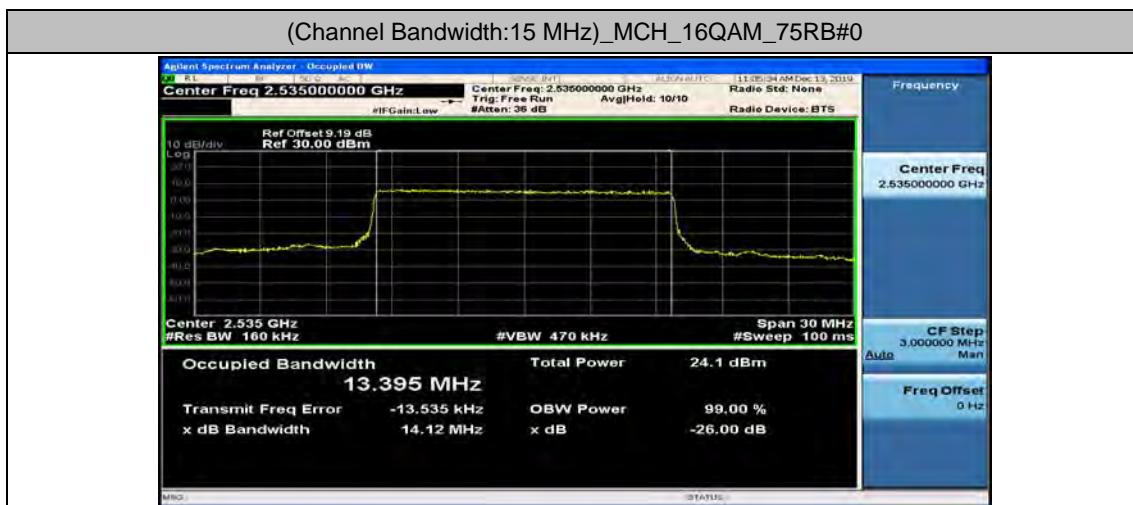
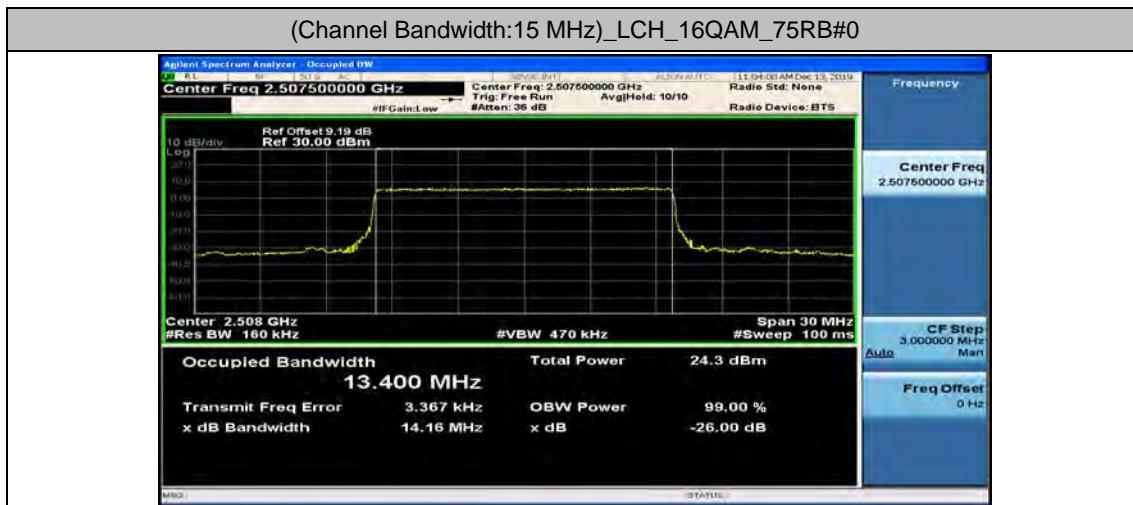
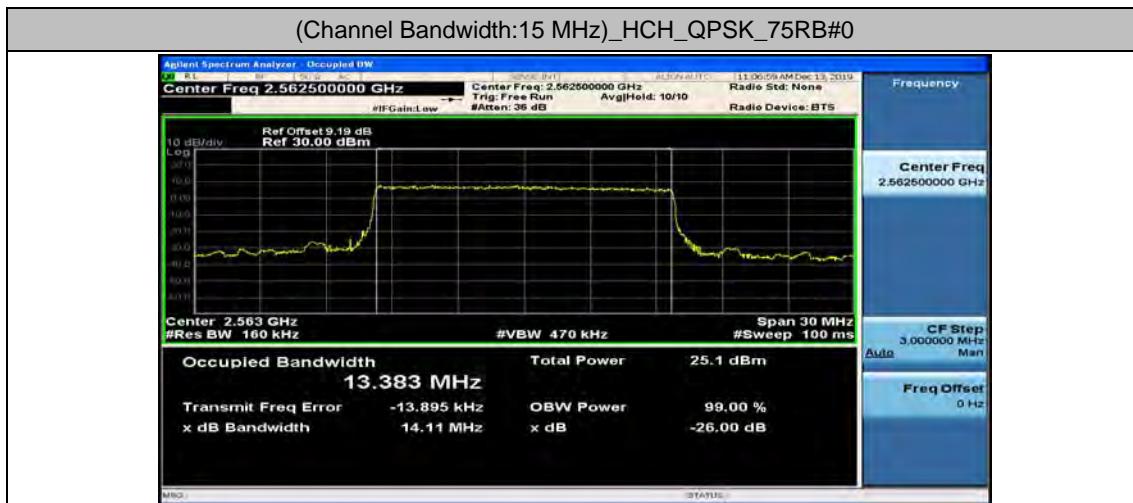
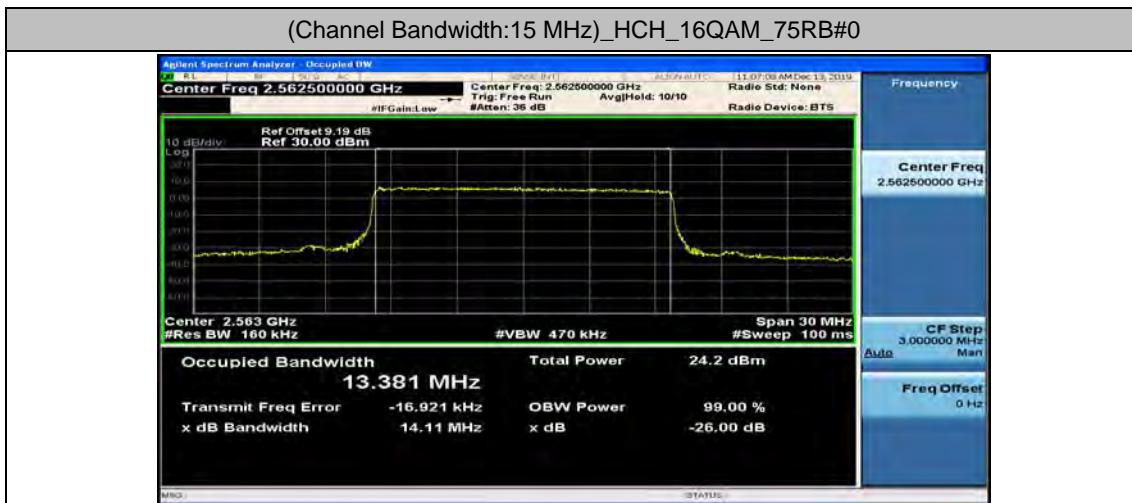


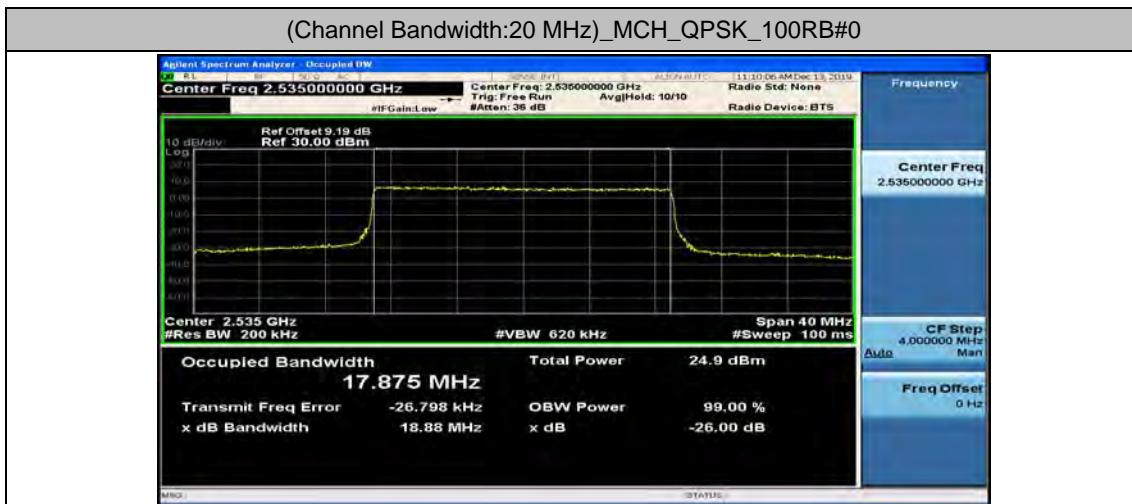
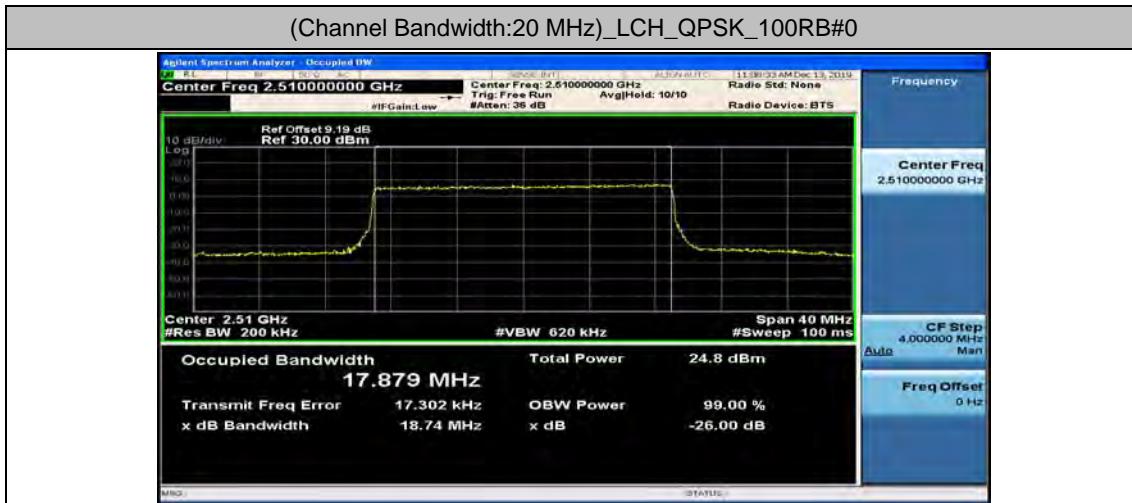
Channel Bandwidth: 15 MHz

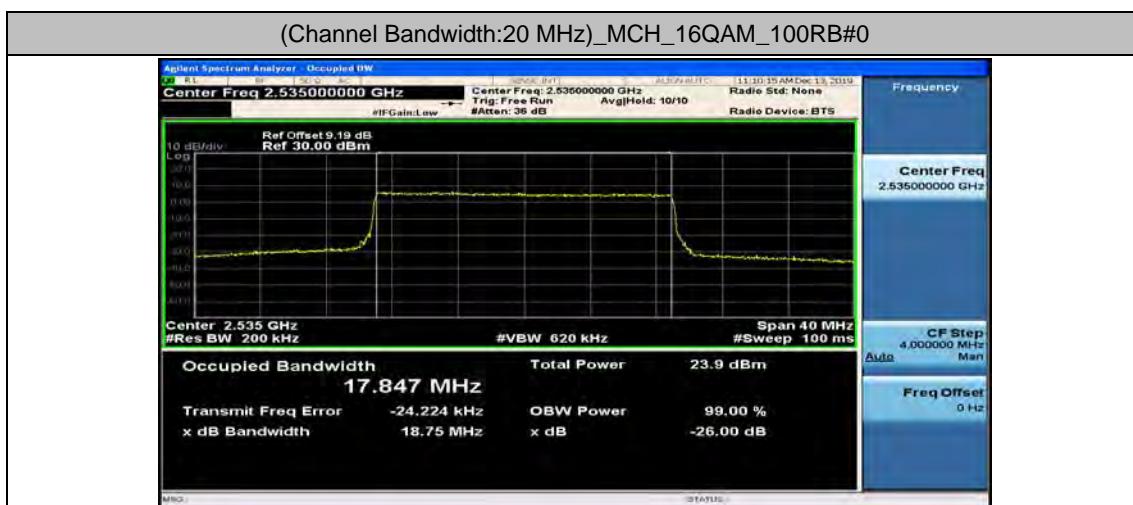
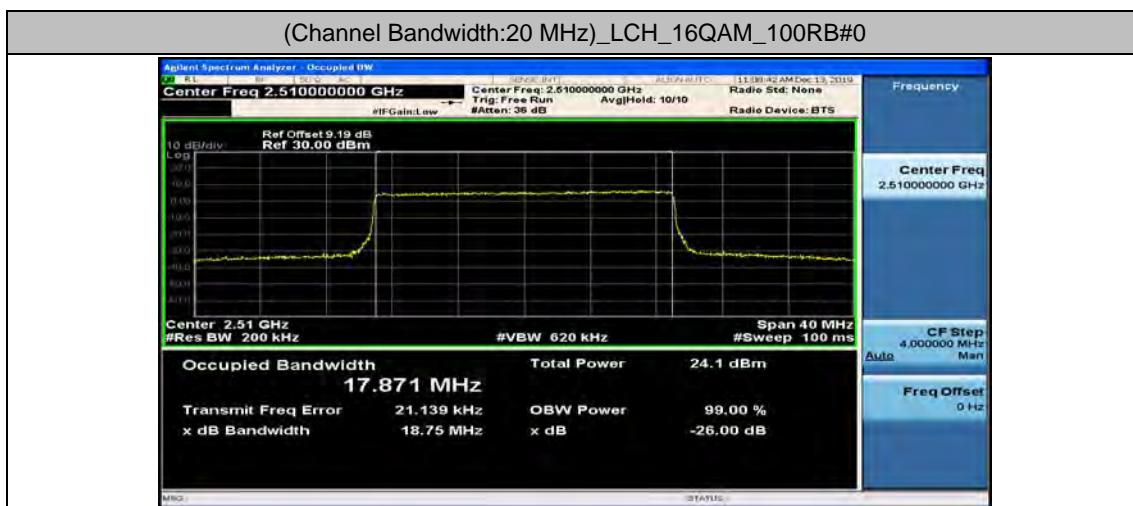
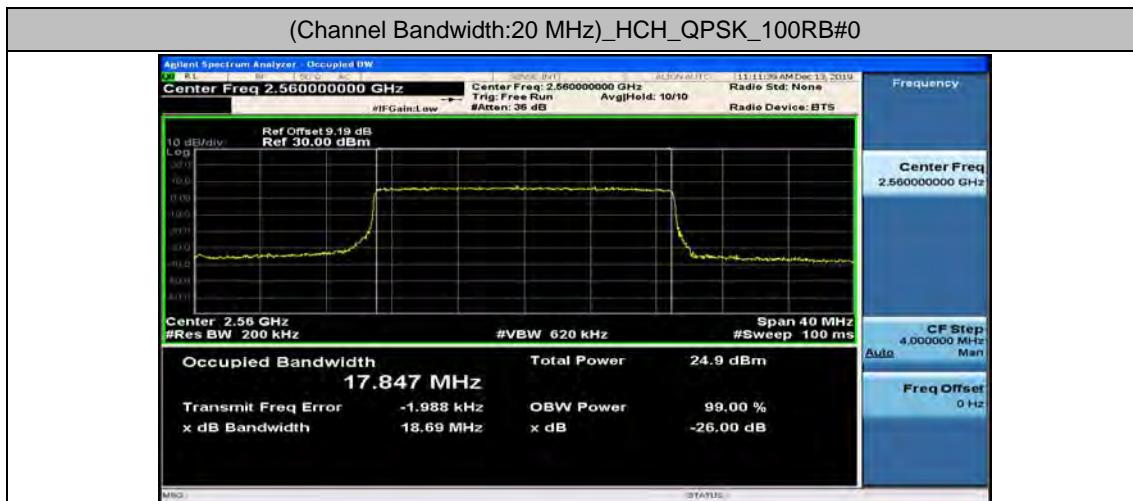


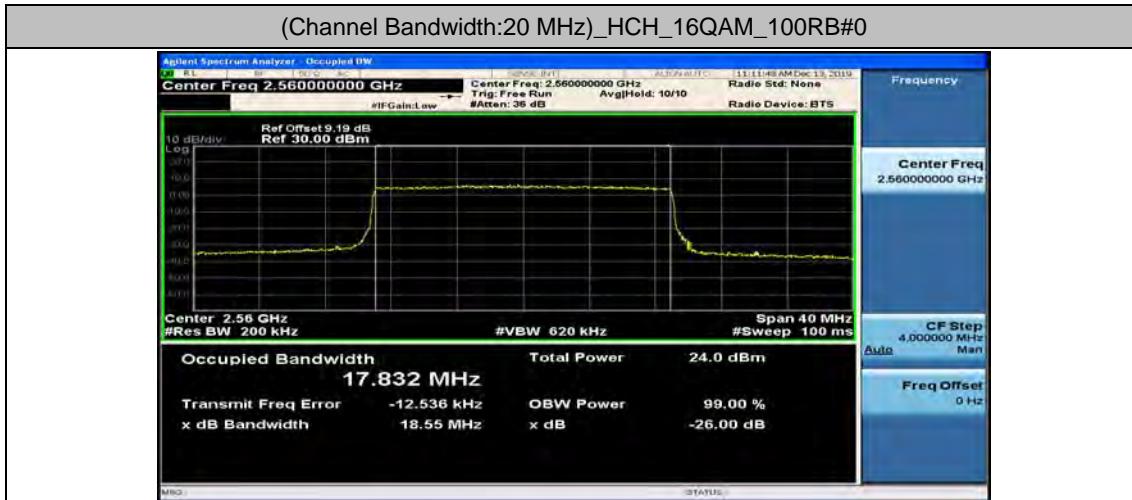




Channel Bandwidth: 20 MHz







Appendix D: Band Edge

Bandwidth	CH	RB Size	RB Offset	Modulation	Value	Result
5	LCH	1	0	QPSK	2495.972MHz@-44.848dBm; 2500.000MHz@-17.564dBm	Pass
5	LCH	1	12	QPSK	2495.934MHz@-49.922dBm; 2500.000MHz@-32.733dBm	Pass
5	LCH	1	24	QPSK	2495.915MHz@-47.301dBm; 2499.962MHz@-35.403dBm	Pass
5	LCH	1	0	16QAM	2495.934MHz@-46.575dBm; 2500.000MHz@-20.886dBm	Pass
5	LCH	1	12	16QAM	2495.554MHz@-50.969dBm; 2500.000MHz@-35.806dBm	Pass
5	LCH	1	24	16QAM	2495.953MHz@-47.099dBm; 2500.000MHz@-36.181dBm	Pass
5	LCH	12	0	QPSK	2495.991MHz@-44.300dBm; 2500.000MHz@-22.028dBm	Pass
5	LCH	12	6	QPSK	2495.630MHz@-43.932dBm; 2500.000MHz@-27.307dBm	Pass
5	LCH	12	13	QPSK	2495.820MHz@-44.265dBm; 2500.000MHz@-30.163dBm	Pass
5	LCH	12	0	16QAM	2495.421MHz@-45.164dBm; 2500.000MHz@-21.021dBm	Pass
5	LCH	12	6	16QAM	2495.934MHz@-45.957dBm; 2500.000MHz@-29.508dBm	Pass
5	LCH	12	13	16QAM	2495.630MHz@-46.991dBm; 2500.000MHz@-30.702dBm	Pass
5	LCH	25	0	QPSK	2495.896MHz@-32.975dBm; 2500.000MHz@-21.808dBm	Pass
5	LCH	25	0	16QAM	2495.858MHz@-35.567dBm; 2499.981MHz@-20.422dBm	Pass
5	HCH	1	0	QPSK	2575.664MHz@-52.334dBm; 2570.012MHz@-37.567dBm	Pass
5	HCH	1	12	QPSK	2575.304MHz@-53.602dBm; 2570.000MHz@-35.266dBm	Pass
5	HCH	1	24	QPSK	2575.028MHz@-51.466dBm; 2570.000MHz@-21.886dBm	Pass
5	HCH	1	0	16QAM	2575.472MHz@-52.576dBm; 2570.024MHz@-37.023dBm	Pass
5	HCH	1	12	QPSK	2575.328MHz@-52.501dBm; 2570.000MHz@-34.294dBm	Pass
5	HCH	1	24	16QAM	2575.076MHz@-51.030dBm; 2570.012MHz@-23.765dBm	Pass

5	HCH	12	0	QPSK	2575.052MHz@-46.689dBm; 2570.012MHz@-29.330dBm	Pass
5	HCH	12	6	QPSK	2575.244MHz@-46.731dBm; 2570.012MHz@-28.269dBm	Pass
5	HCH	12	13	QPSK	2575.028MHz@-44.640dBm; 2570.000MHz@-18.501dBm	Pass
5	HCH	12	0	16QAM	2575.220MHz@-47.005dBm; 2570.012MHz@-28.981dBm	Pass
5	HCH	12	6	16QAM	2575.136MHz@-47.233dBm; 2570.060MHz@-29.111dBm	Pass
5	HCH	12	13	16QAM	2575.052MHz@-46.221dBm; 2570.012MHz@-22.025dBm	Pass
5	HCH	25	0	QPSK	2575.076MHz@-38.500dBm; 2570.012MHz@-20.756dBm	Pass
5	HCH	25	0	16QAM	2575.268MHz@-40.239dBm; 2570.012MHz@-22.271dBm	Pass
10	LCH	1	0	QPSK	2495.953MHz@-54.609dBm; 2500.000MHz@-29.899dBm	Pass
10	LCH	1	24	QPSK	2495.630MHz@-53.408dBm; 2499.962MHz@-40.942dBm	Pass
10	LCH	1	49	QPSK	2491.678MHz@-49.255dBm; 2500.000MHz@-39.978dBm	Pass
10	LCH	1	0	16QAM	2495.801MHz@-47.886dBm; 2499.943MHz@-23.848dBm	Pass
10	LCH	1	24	16QAM	2495.478MHz@-52.095dBm; 2499.981MHz@-39.434dBm	Pass
10	LCH	1	49	16QAM	2491.716MHz@-44.475dBm; 2499.981MHz@-37.903dBm	Pass
10	LCH	25	0	QPSK	2495.991MHz@-34.208dBm; 2499.981MHz@-22.660dBm	Pass
10	LCH	25	12	QPSK	2495.402MHz@-40.425dBm; 2499.943MHz@-26.779dBm	Pass
10	LCH	25	25	QPSK	2495.915MHz@-41.698dBm; 2500.000MHz@-30.066dBm	Pass
10	LCH	25	0	16QAM	2495.915MHz@-36.051dBm; 2499.981MHz@-23.921dBm	Pass
10	LCH	25	12	16QAM	2495.782MHz@-42.728dBm; 2500.000MHz@-30.357dBm	Pass
10	LCH	25	25	16QAM	2495.991MHz@-44.001dBm; 2500.000MHz@-34.109dBm	Pass
10	LCH	50	0	QPSK	2495.402MHz@-32.337dBm; 2499.981MHz@-22.966dBm	Pass
10	LCH	50	0	16QAM	2495.440MHz@-32.201dBm; 2499.962MHz@-22.794dBm	Pass

10	HCH	1	0	QPSK	2575.280MHz@-53.310dBm; 2570.000MHz@-40.975dBm	Pass
10	HCH	1	24	QPSK	2575.244MHz@-55.936dBm; 2570.048MHz@-42.833dBm	Pass
10	HCH	1	49	QPSK	2575.064MHz@-51.790dBm; 2570.024MHz@-26.660dBm	Pass
10	HCH	1	0	16QAM	2575.352MHz@-53.795dBm; 2570.000MHz@-41.525dBm	Pass
10	HCH	1	24	16QAM	2575.064MHz@-55.352dBm; 2570.084MHz@-43.212dBm	Pass
10	HCH	1	49	16QAM	2575.076MHz@-50.979dBm; 2570.036MHz@-25.318dBm	Pass
10	HCH	25	0	QPSK	2575.160MHz@-46.389dBm; 2570.000MHz@-34.271dBm	Pass
10	HCH	25	12	QPSK	2575.232MHz@-45.195dBm; 2570.192MHz@-30.141dBm	Pass
10	HCH	25	25	QPSK	2575.124MHz@-38.143dBm; 2570.060MHz@-24.221dBm	Pass
10	HCH	25	0	16QAM	2575.160MHz@-48.084dBm; 2570.036MHz@-35.755dBm	Pass
10	HCH	25	12	16QAM	2575.316MHz@-46.370dBm; 2570.048MHz@-31.360dBm	Pass
10	HCH	25	25	16QAM	2575.160MHz@-40.215dBm; 2570.000MHz@-24.655dBm	Pass
10	HCH	50	0	QPSK	2575.329MHz@-34.185dBm; 2570.058MHz@-24.525dBm	Pass
10	HCH	50	0	16QAM	2575.244MHz@-34.115dBm; 2570.038MHz@-23.815dBm	Pass
15	LCH	1	0	QPSK	2494.471MHz@-44.178dBm; 2499.981MHz@-26.811dBm	Pass
15	LCH	1	37	QPSK	2495.744MHz@-52.829dBm; 2499.962MHz@-43.998dBm	Pass
15	LCH	1	74	QPSK	2494.243MHz@-48.621dBm; 2499.943MHz@-44.122dBm	Pass
15	LCH	1	0	16QAM	2495.497MHz@-41.999dBm; 2500.000MHz@-25.925dBm	Pass
15	LCH	1	37	16QAM	2495.706MHz@-52.819dBm; 2499.981MHz@-44.213dBm	Pass
15	LCH	1	74	16QAM	2495.687MHz@-48.274dBm; 2499.848MHz@-41.956dBm	Pass
15	LCH	37	0	QPSK	2495.440MHz@-32.921dBm; 2500.000MHz@-25.397dBm	Pass
15	LCH	37	18	QPSK	2495.972MHz@-40.190dBm; 2500.000MHz@-31.979dBm	Pass

15	LCH	37	38	QPSK	2495.934MHz@-42.213dBm; 2500.000MHz@-33.768dBm	Pass
15	LCH	37	0	16QAM	2495.763MHz@-33.175dBm; 2499.962MHz@-25.769dBm	Pass
15	LCH	37	18	16QAM	2495.953MHz@-39.941dBm; 2499.734MHz@-31.679dBm	Pass
15	LCH	37	38	16QAM	2495.991MHz@-44.136dBm; 2499.981MHz@-37.156dBm	Pass
15	LCH	75	0	QPSK	2495.953MHz@-30.626dBm; 2500.000MHz@-25.370dBm	Pass
15	LCH	75	0	16QAM	2493.464MHz@-30.850dBm; 2500.000MHz@-24.080dBm	Pass
15	HCH	1	0	QPSK	2575.796MHz@-49.646dBm; 2570.000MHz@-44.766dBm	Pass
15	HCH	1	37	QPSK	2575.112MHz@-56.235dBm; 2570.000MHz@-46.557dBm	Pass
15	HCH	1	74	QPSK	2575.544MHz@-46.143dBm; 2570.012MHz@-28.505dBm	Pass
15	HCH	1	0	16QAM	2575.724MHz@-49.030dBm; 2570.036MHz@-45.699dBm	Pass
15	HCH	1	37	16QAM	2575.112MHz@-55.672dBm; 2570.216MHz@-46.557dBm	Pass
15	HCH	1	74	16QAM	2575.568MHz@-45.915dBm; 2570.000MHz@-28.047dBm	Pass
15	HCH	37	0	QPSK	2575.581MHz@-45.968dBm; 2570.015MHz@-36.521dBm	Pass
15	HCH	37	18	QPSK	2575.468MHz@-42.821dBm; 2570.863MHz@-32.450dBm	Pass
15	HCH	37	38	QPSK	2575.126MHz@-34.302dBm; 2570.000MHz@-26.314dBm	Pass
15	HCH	37	0	16QAM	2575.481MHz@-45.264dBm; 2570.059MHz@-35.927dBm	Pass
15	HCH	37	18	16QAM	2575.198MHz@-43.492dBm; 2570.062MHz@-32.165dBm	Pass
15	HCH	37	38	16QAM	2575.269MHz@-35.193dBm; 2570.060MHz@-26.649dBm	Pass
15	HCH	75	0	QPSK	2575.305MHz@-32.232dBm; 2570.000MHz@-25.308dBm	Pass
15	HCH	75	0	16QAM	2575.390MHz@-33.837dBm; 2570.000MHz@-27.068dBm	Pass
20	LCH	1	0	QPSK	2492.932MHz@-40.907dBm; 2499.981MHz@-28.823dBm	Pass
20	LCH	1	49	QPSK	2495.820MHz@-56.229dBm; 2499.848MHz@-48.343dBm	Pass

20	LCH	1	99	QPSK	2492.267MHz@-43.633dBm; 2499.962MHz@-44.228dBm	Pass
20	LCH	1	0	16QAM	2492.894MHz@-41.014dBm; 2500.000MHz@-29.585dBm	Pass
20	LCH	1	49	16QAM	2495.915MHz@-57.097dBm; 2499.848MHz@-49.090dBm	Pass
20	LCH	1	99	16QAM	2492.267MHz@-43.101dBm; 2499.772MHz@-44.067dBm	Pass
20	LCH	50	0	QPSK	2495.516MHz@-32.579dBm; 2499.962MHz@-28.072dBm	Pass
20	LCH	50	25	QPSK	2495.896MHz@-38.010dBm; 2496.865MHz@-33.286dBm	Pass
20	LCH	50	50	QPSK	2495.934MHz@-42.956dBm; 2499.943MHz@-34.568dBm	Pass
20	LCH	50	0	16QAM	2495.915MHz@-31.517dBm; 2499.962MHz@-27.457dBm	Pass
20	LCH	50	25	16QAM	2495.915MHz@-38.471dBm; 2500.000MHz@-33.170dBm	Pass
20	LCH	50	50	16QAM	2495.915MHz@-43.561dBm; 2499.981MHz@-36.154dBm	Pass
20	LCH	100	0	QPSK	2493.958MHz@-32.140dBm; 2499.867MHz@-28.413dBm	Pass
20	LCH	100	0	16QAM	2495.592MHz@-30.851dBm; 2499.943MHz@-27.112dBm	Pass
20	HCH	1	0	QPSK	2575.556MHz@-54.760dBm; 2570.000MHz@-45.731dBm	Pass
20	HCH	1	49	QPSK	2575.580MHz@-57.565dBm; 2570.024MHz@-49.519dBm	Pass
20	HCH	1	99	QPSK	2575.148MHz@-51.167dBm; 2570.000MHz@-30.322dBm	Pass
20	HCH	1	0	16QAM	2575.640MHz@-54.295dBm; 2570.000MHz@-45.227dBm	Pass
20	HCH	1	49	16QAM	2575.724MHz@-57.735dBm; 2570.108MHz@-49.643dBm	Pass
20	HCH	1	99	16QAM	2575.424MHz@-50.265dBm; 2570.012MHz@-30.237dBm	Pass
20	HCH	50	0	QPSK	2576.098MHz@-44.991dBm; 2570.020MHz@-36.531dBm	Pass
20	HCH	50	25	QPSK	2575.082MHz@-39.492dBm; 2573.208MHz@-32.911dBm	Pass
20	HCH	50	50	QPSK	2577.848MHz@-34.332dBm; 2570.000MHz@-28.911dBm	Pass
20	HCH	50	0	16QAM	2575.093MHz@-46.109dBm; 2570.039MHz@-36.750dBm	Pass

20	HCH	50	25	16QAM	2575.157MHz@-41.222dBm; 2570.551MHz@-34.396dBm	Pass
20	HCH	50	50	16QAM	2575.024MHz@-34.736dBm; 2570.020MHz@-29.532dBm	Pass
20	HCH	100	0	QPSK	2575.084MHz@-34.444dBm; 2570.000MHz@-26.649dBm	Pass
20	HCH	100	0	16QAM	2575.936MHz@-33.943dBm; 2570.074MHz@-28.515dBm	Pass

Remark: For mobile digital station devices, the attenuation factor shall be not less than:

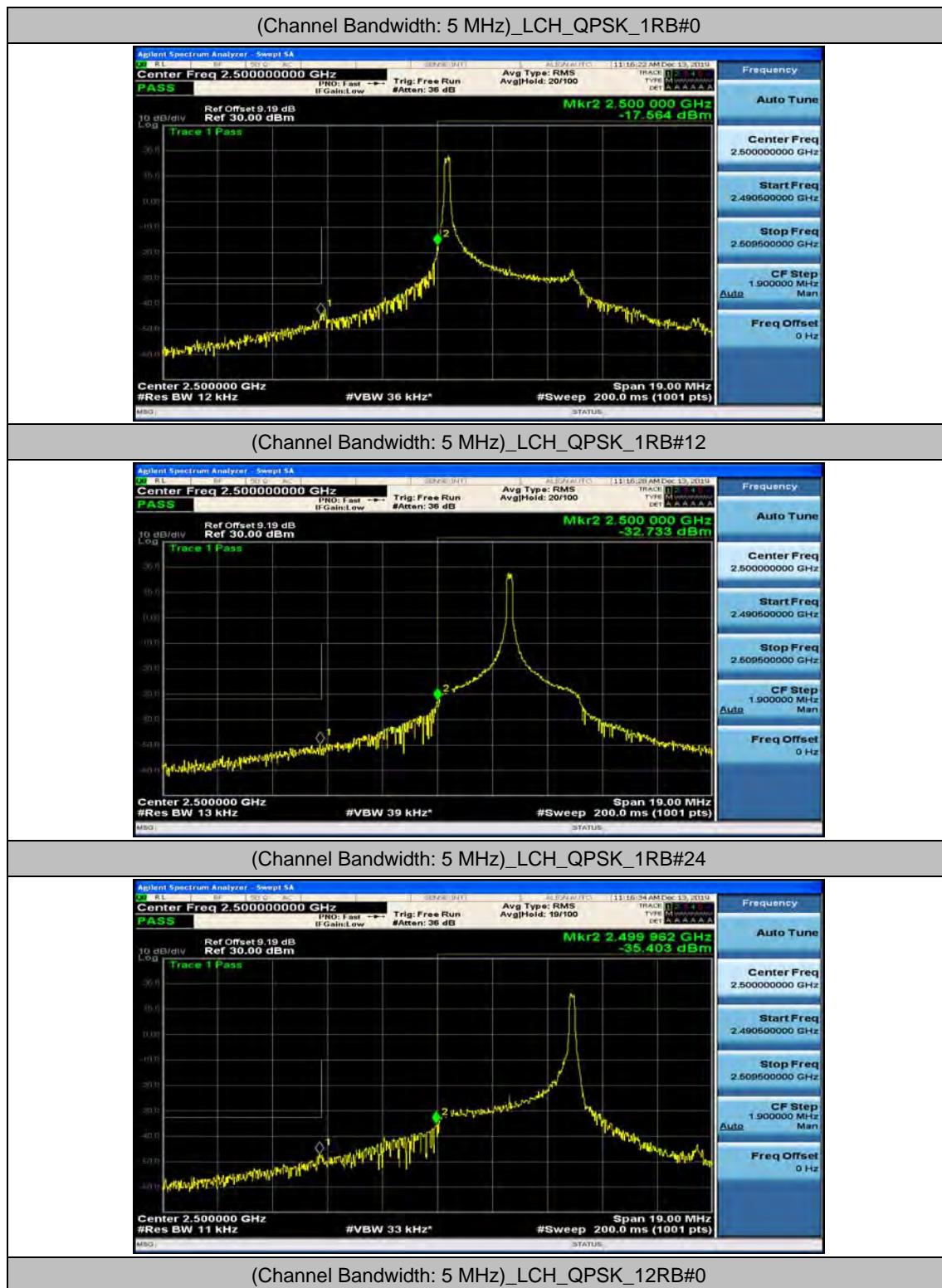
$40 + 10 \log P \text{ dB}$ (-10 dBm , 100 nW) on all frequencies between the channel edge and 5 MHz from the channel edge,

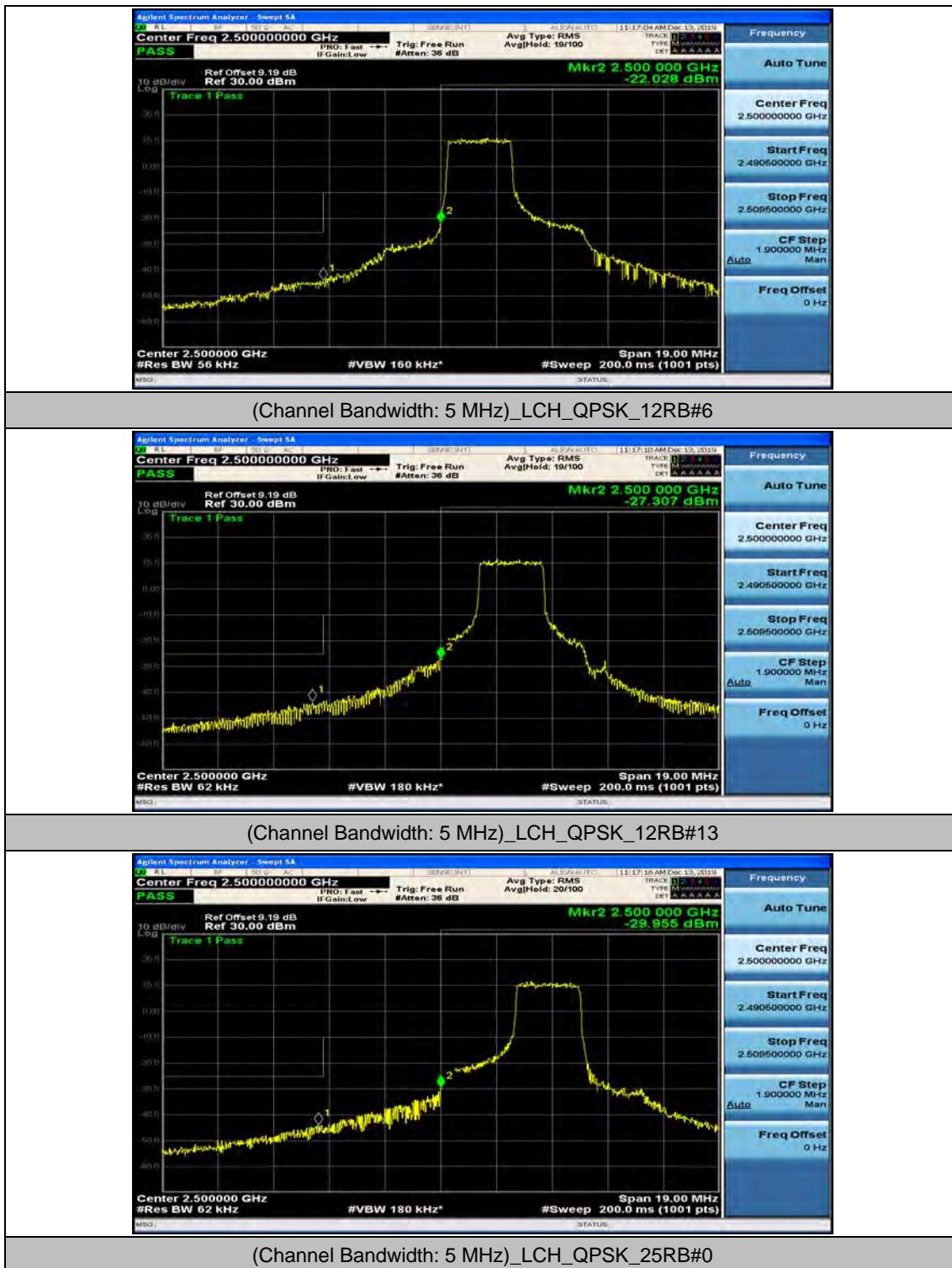
$43 + 10 \log P \text{ dB}$ (-13 dBm , 50 nW) on all frequencies between 5 MHz and $X \text{ MHz}$ from the channel edge, and

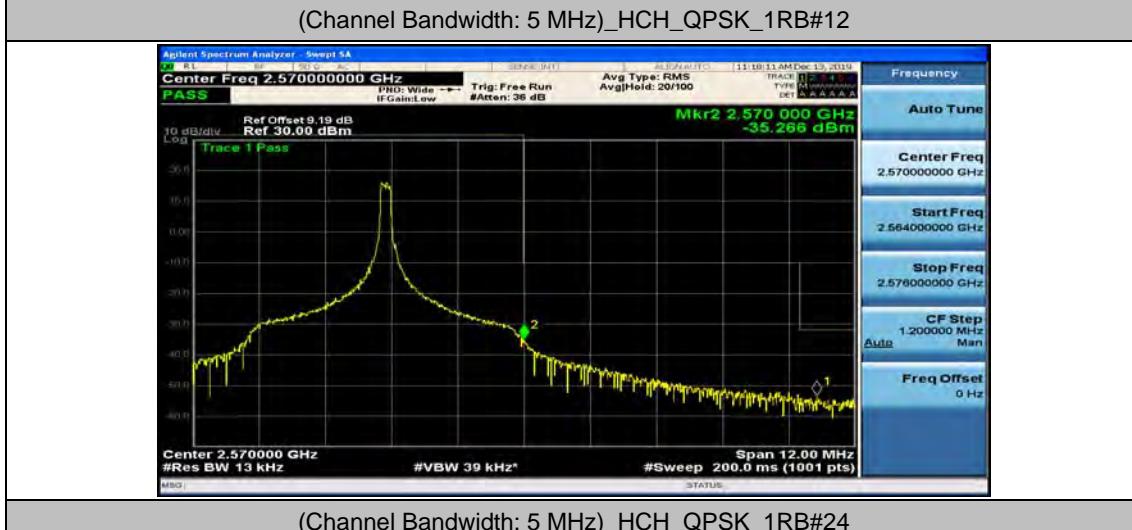
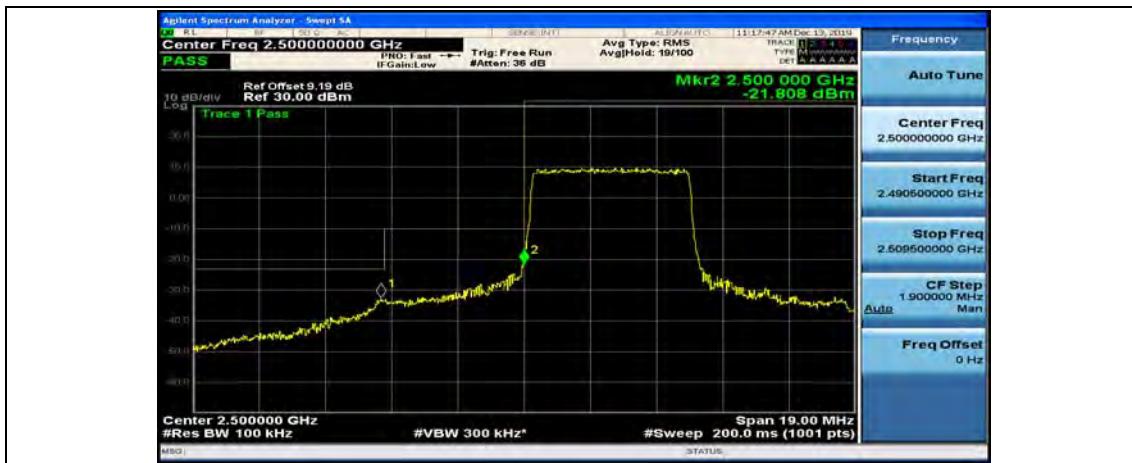
$55 + 10 \log P \text{ dB}$ (-25 dBm , 3 nW) on all frequencies more than $X \text{ MHz}$ from the channel edge, where X is the greater of 6 MHz or the actual emission bandwidth (26 dB). [Section 27.53(m)(4)]

Test Graphs

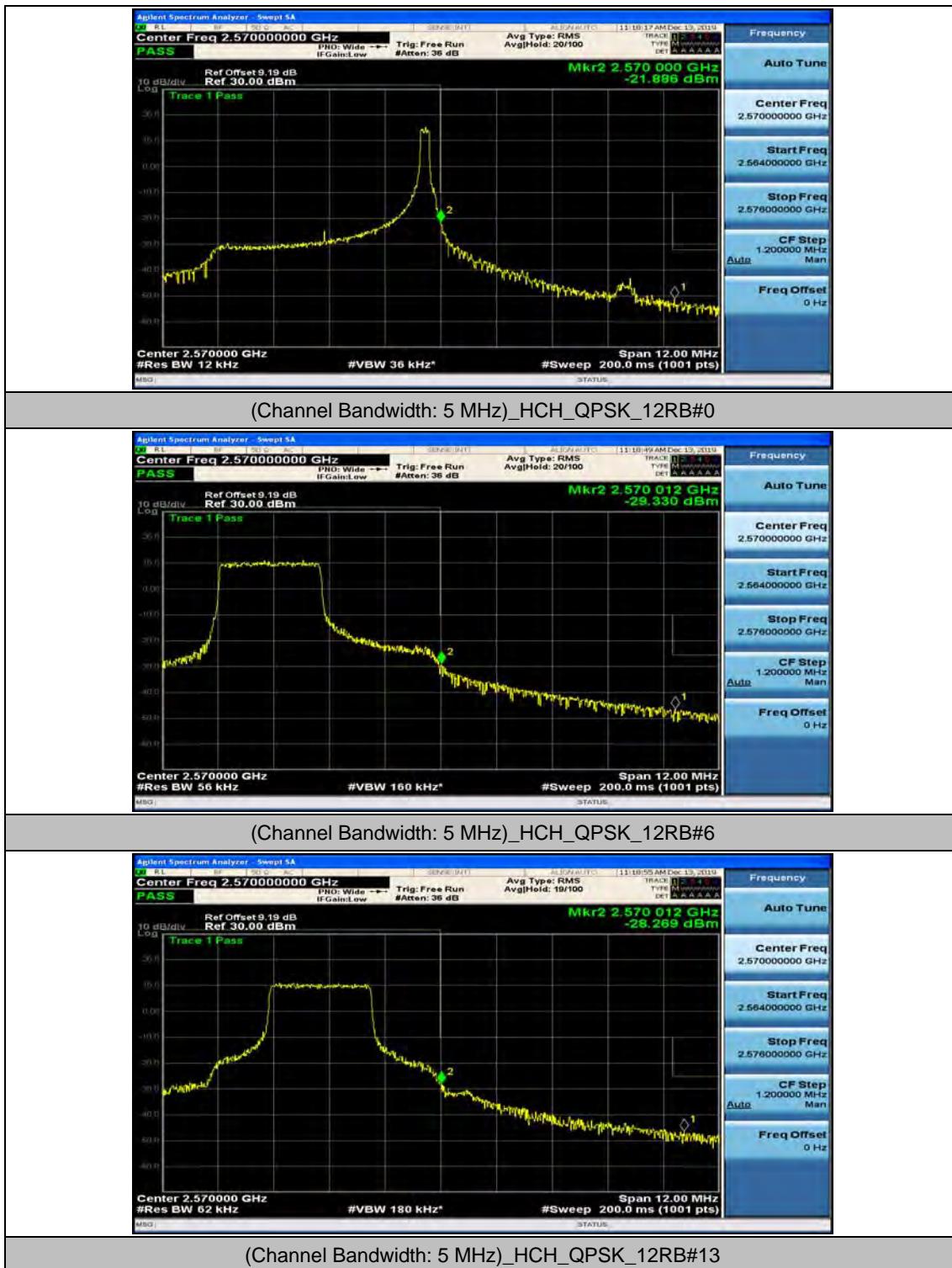
Channel Bandwidth: 5 MHz

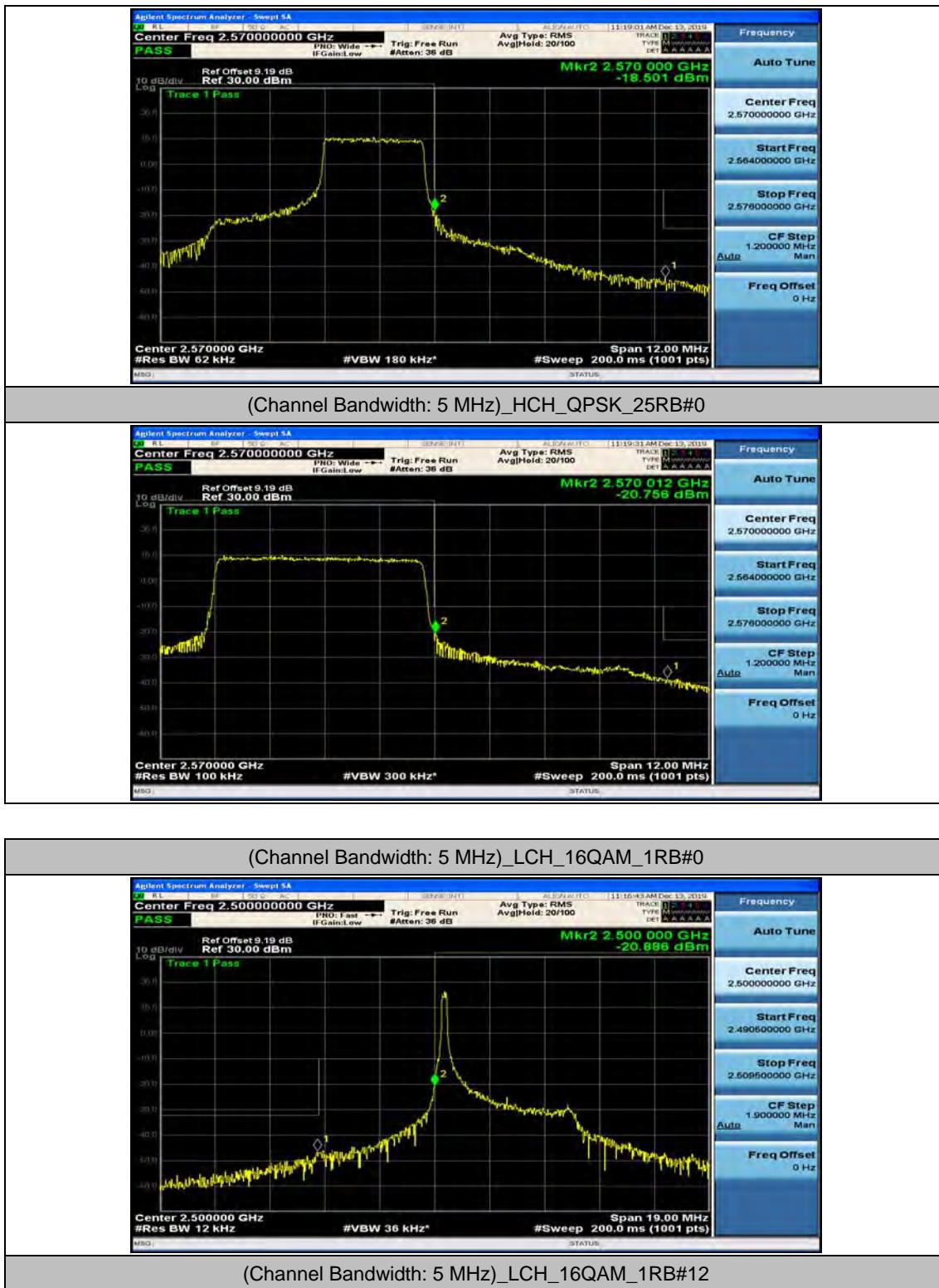


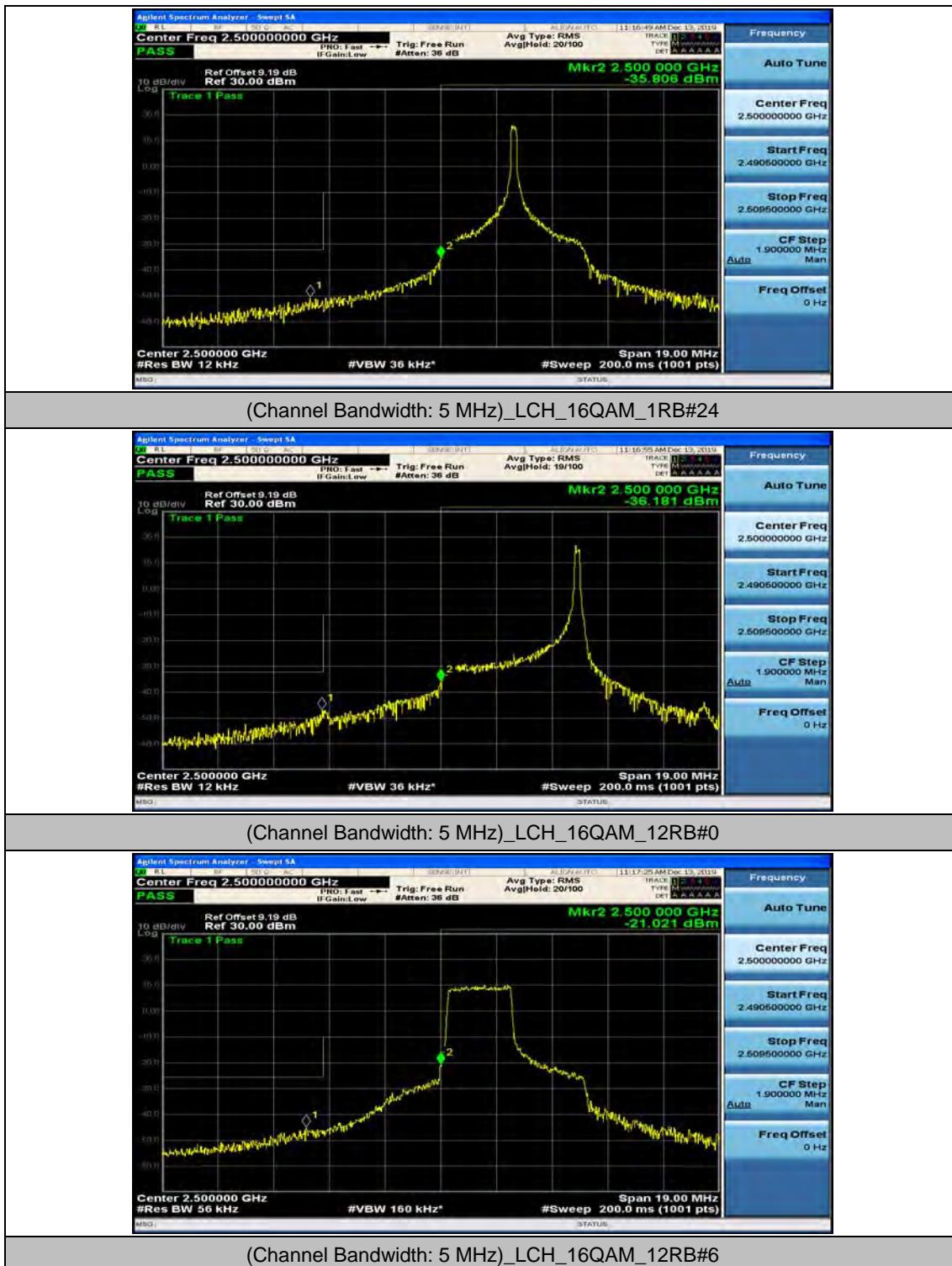


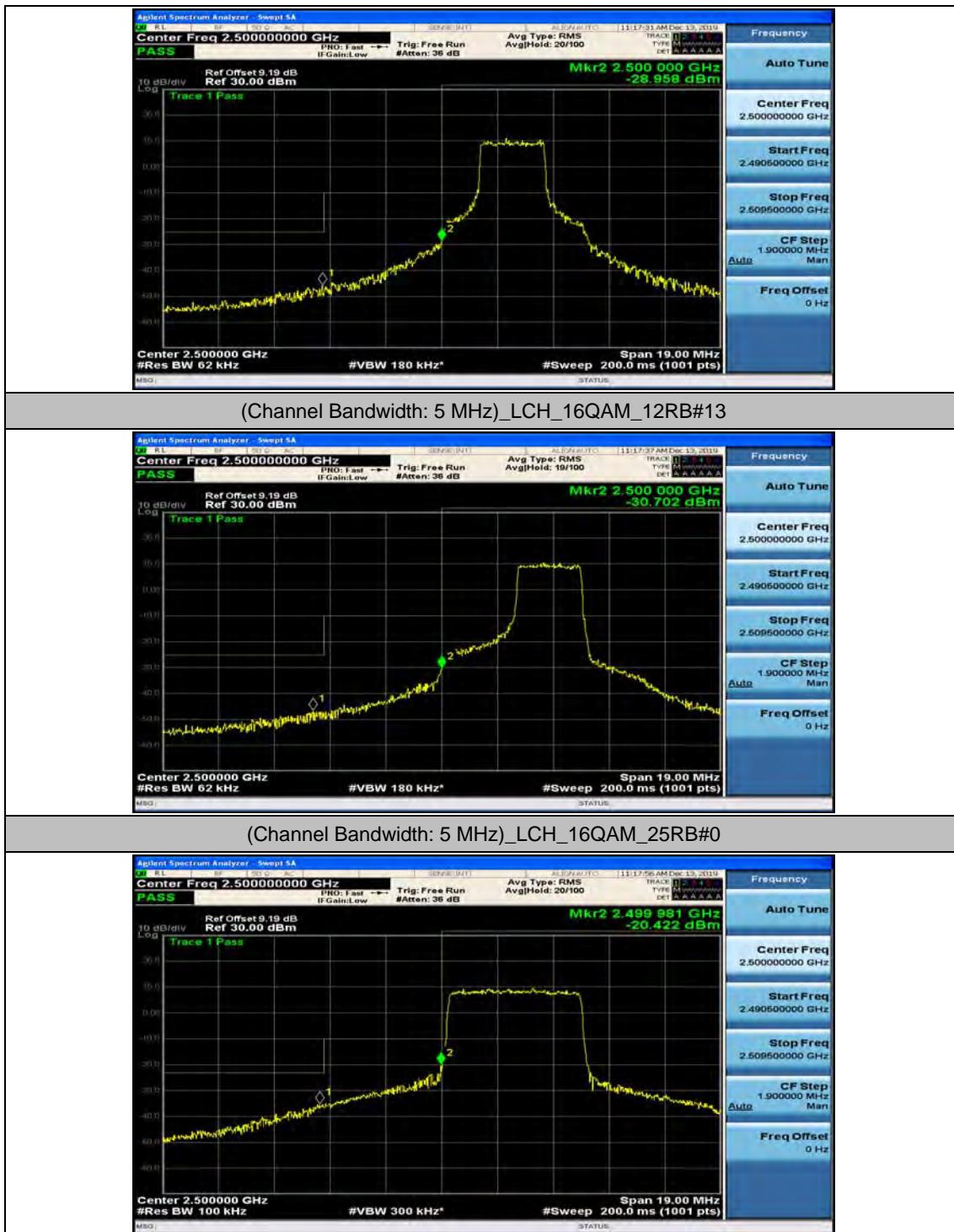


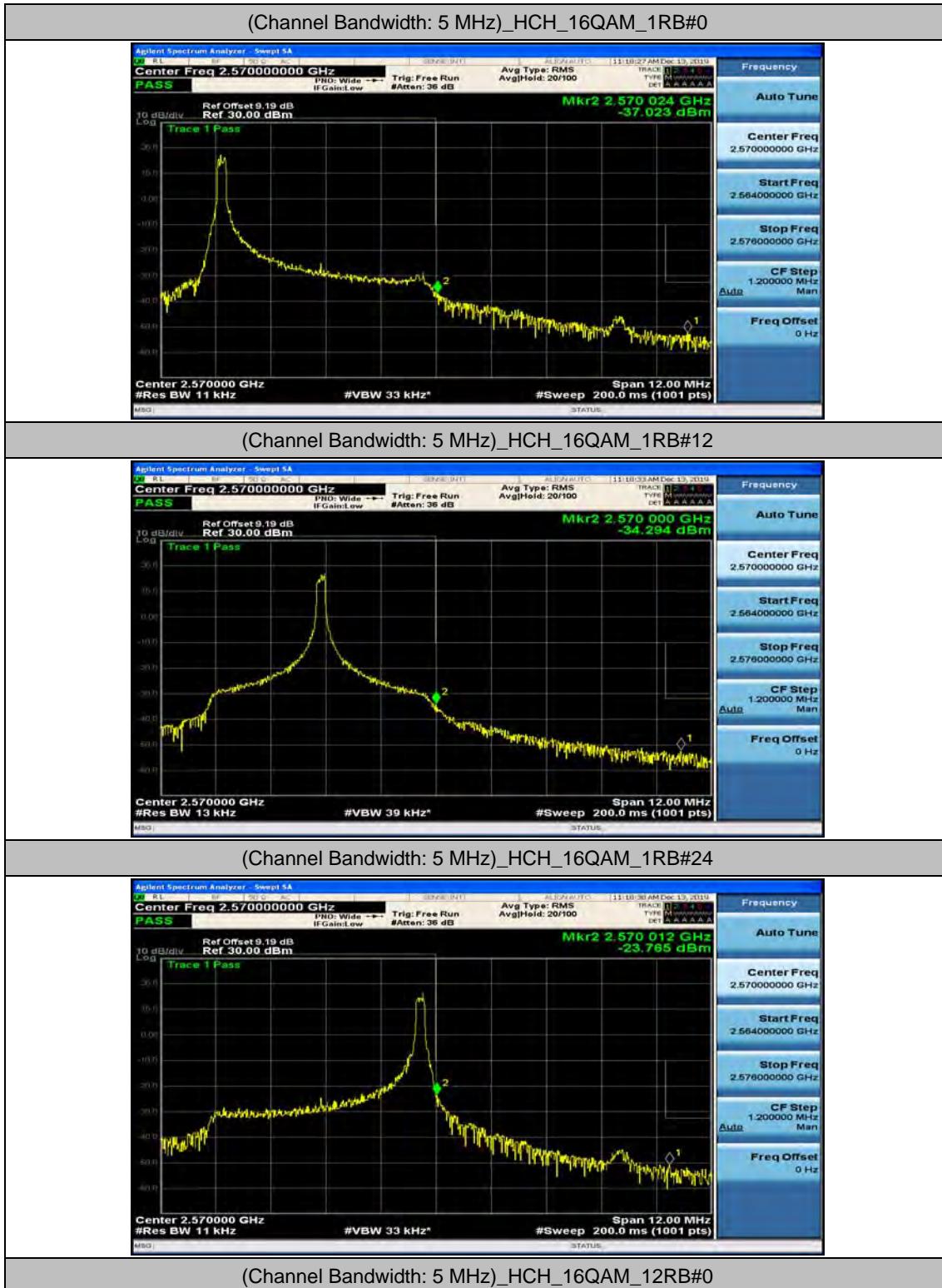
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24

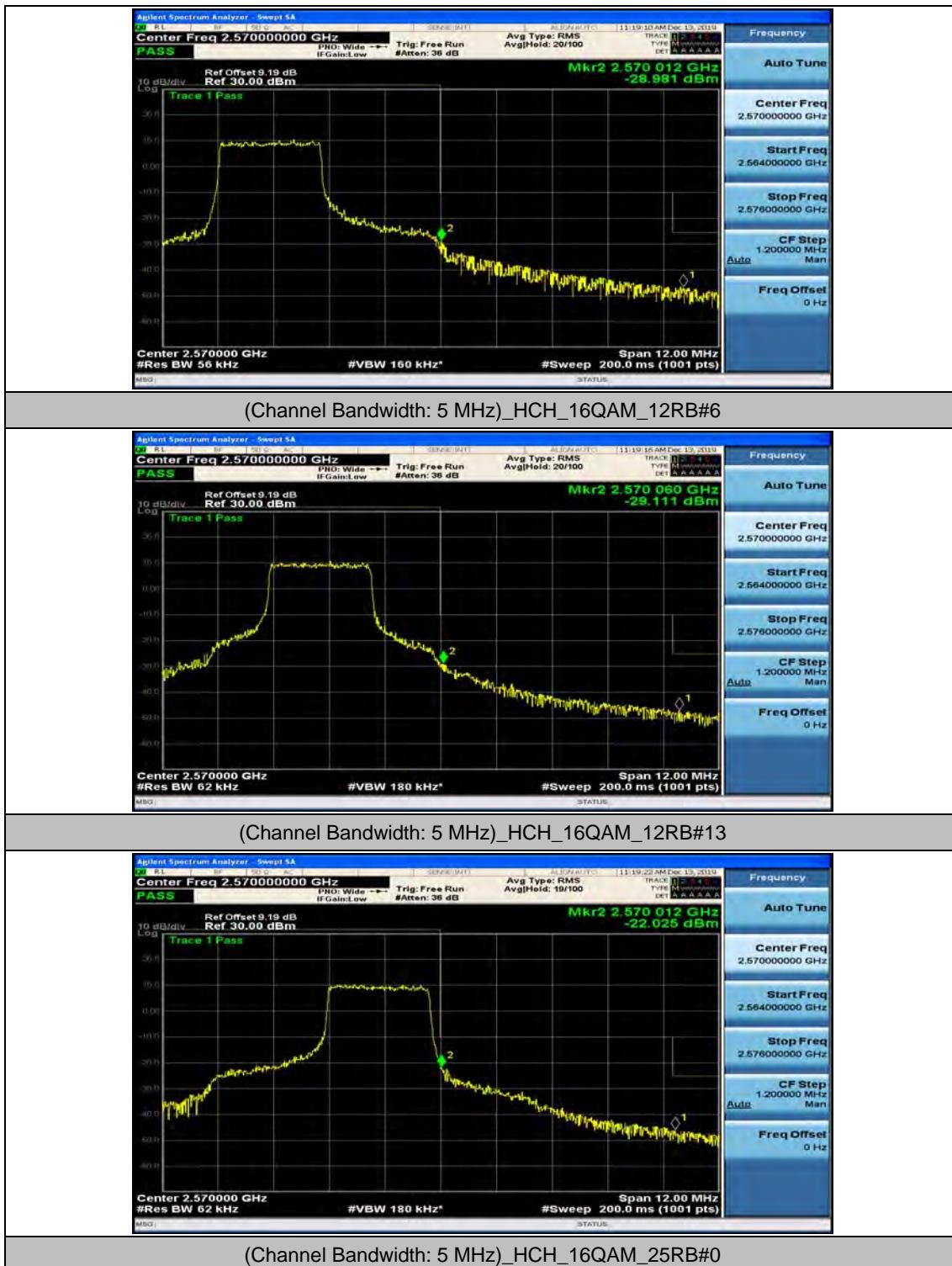






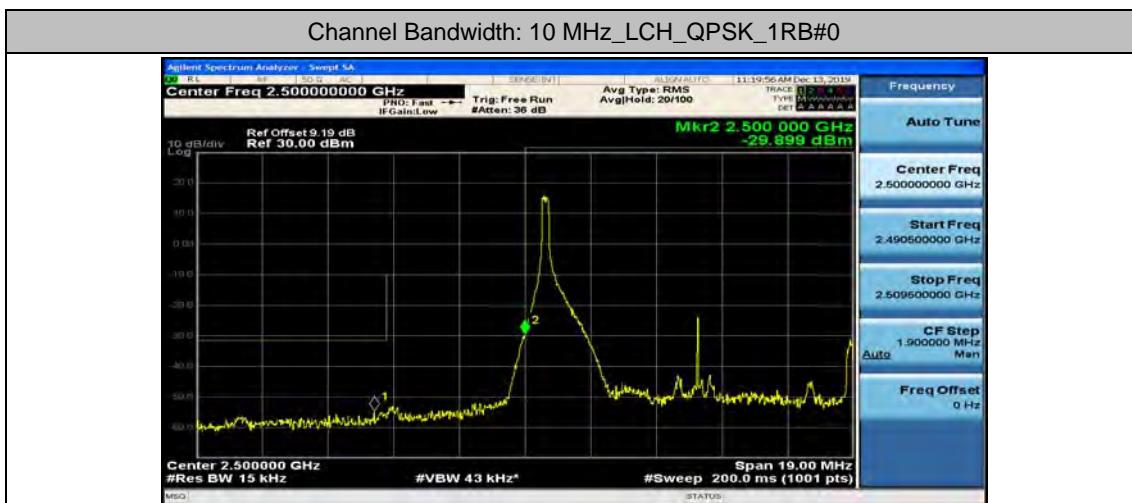




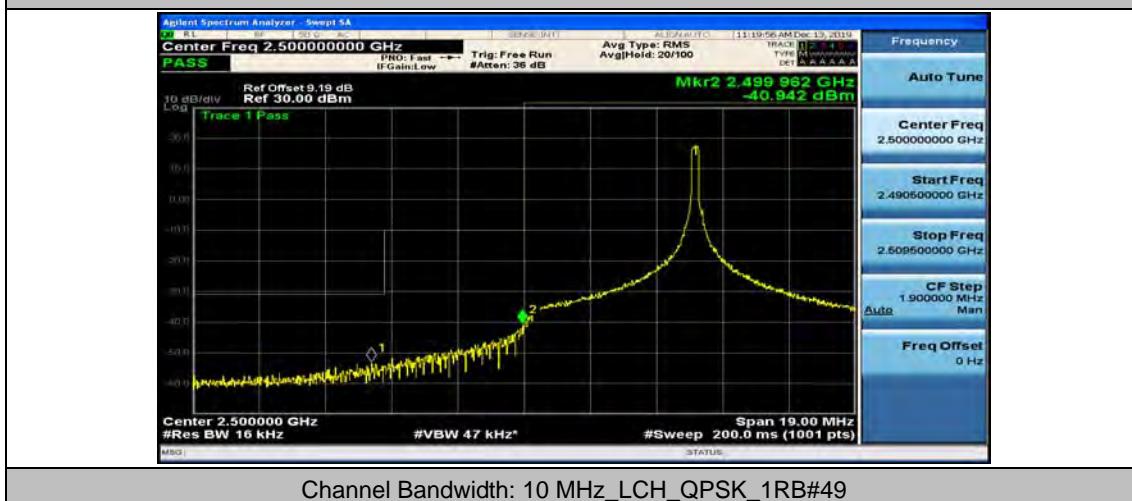




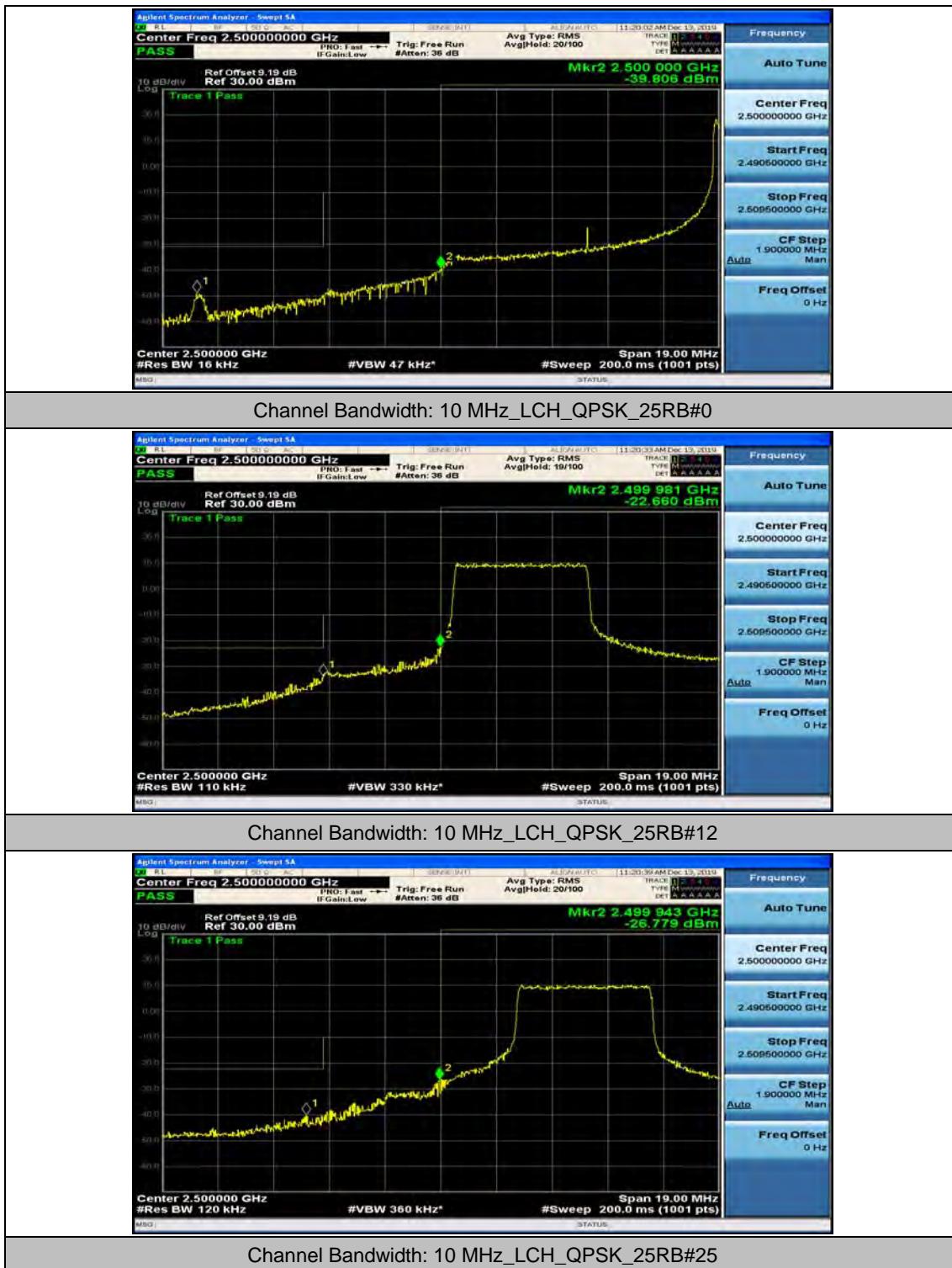
Channel Bandwidth: 10 MHz



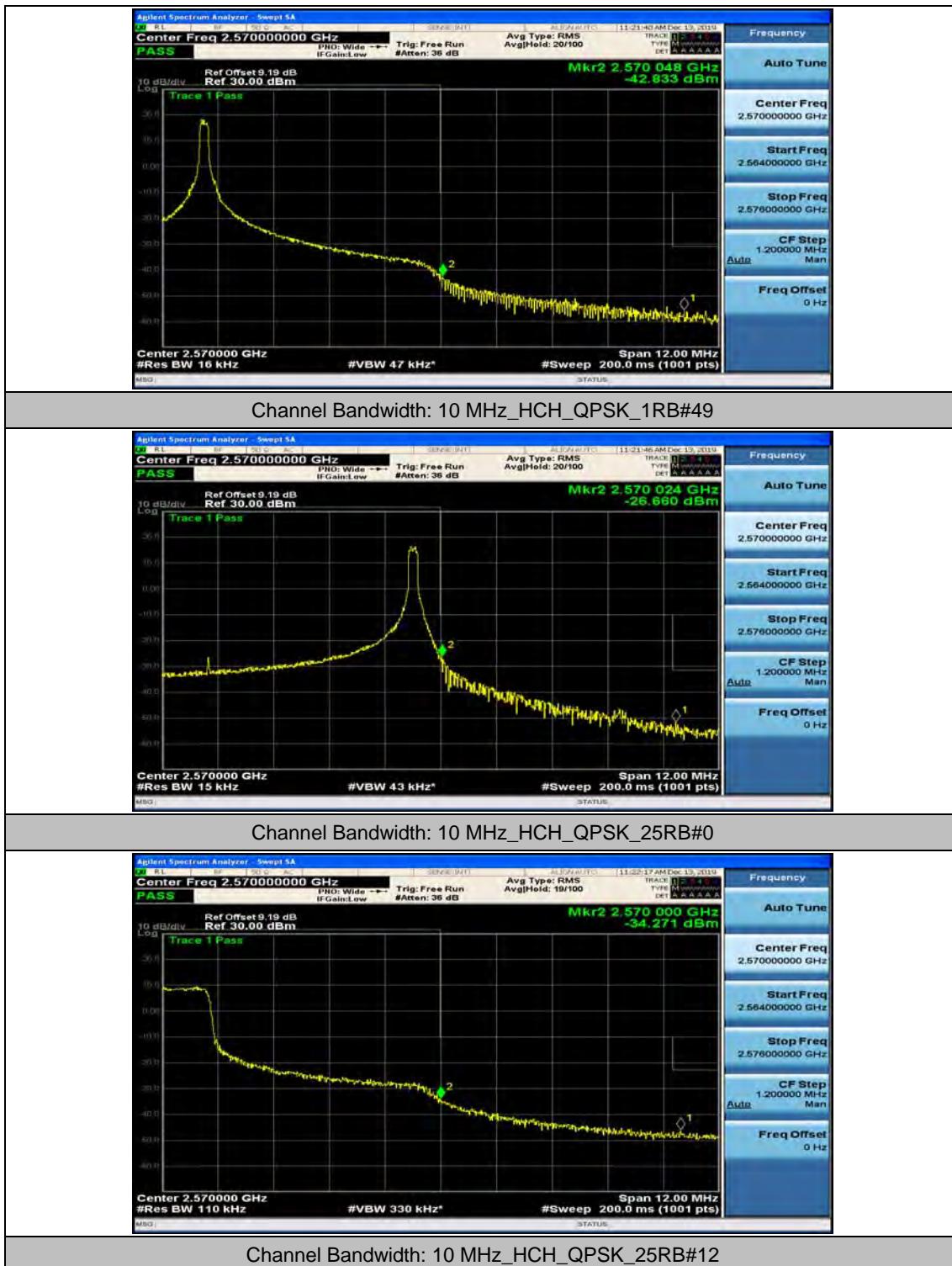
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#24

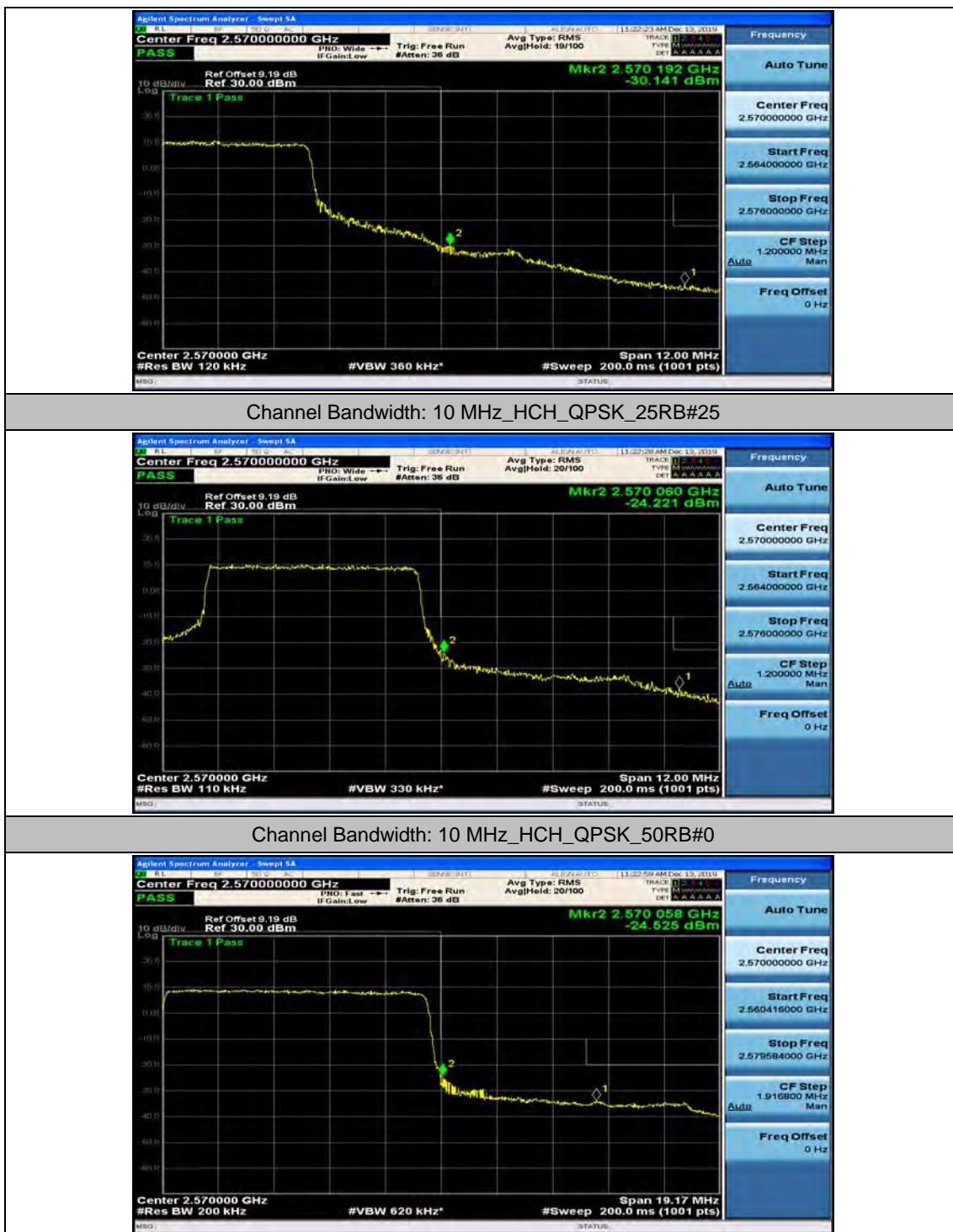


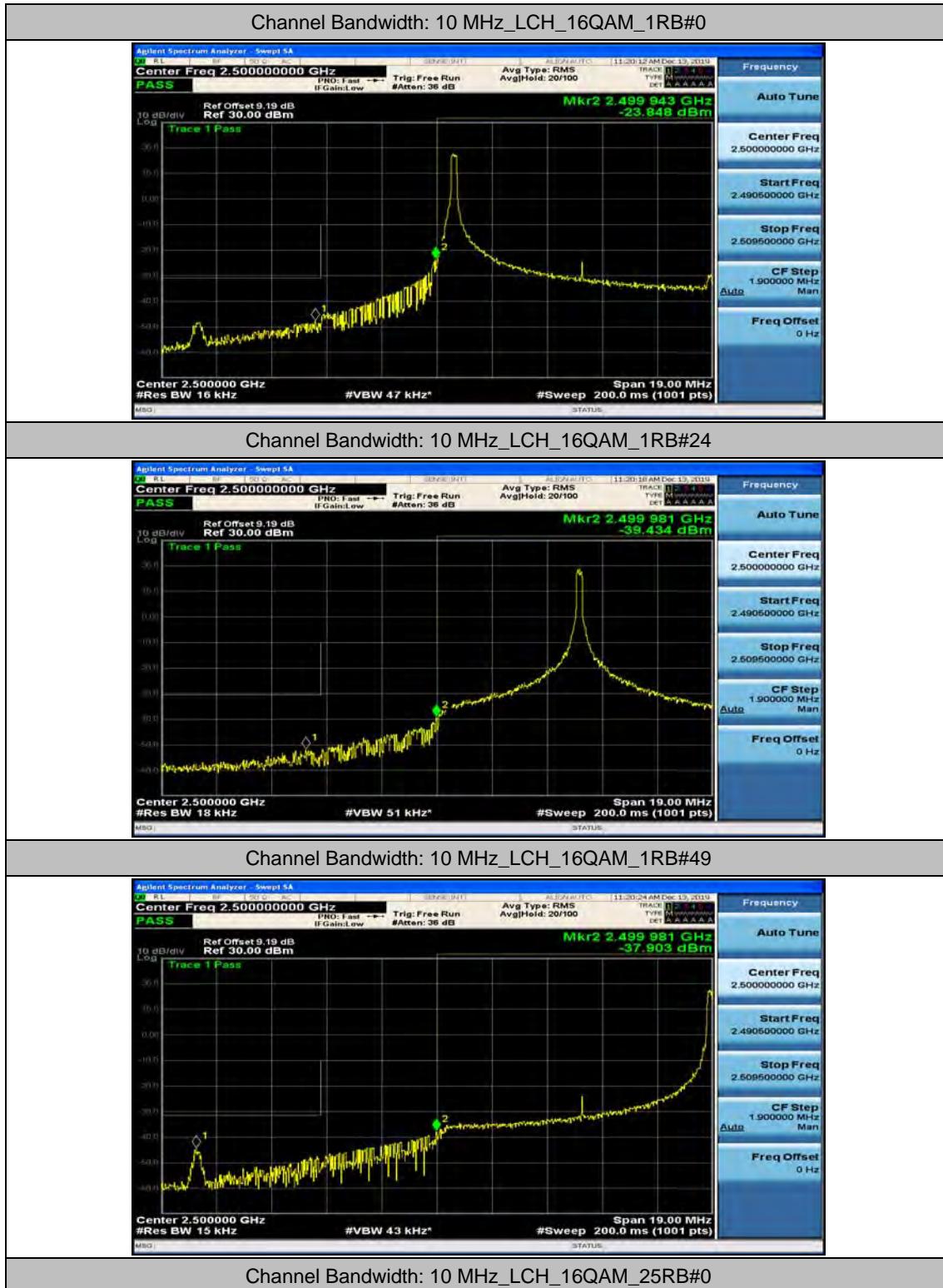
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#49



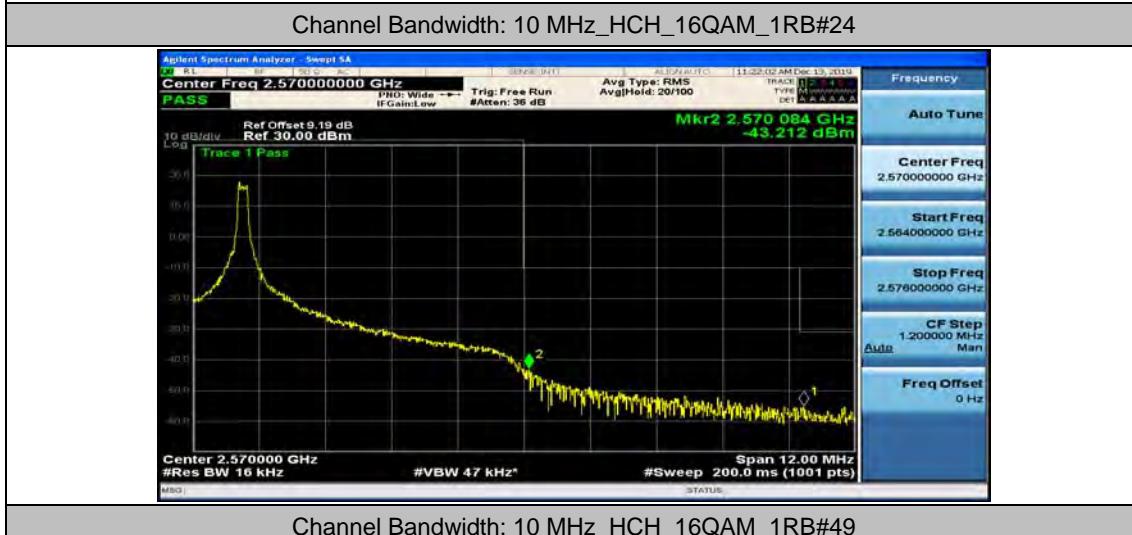
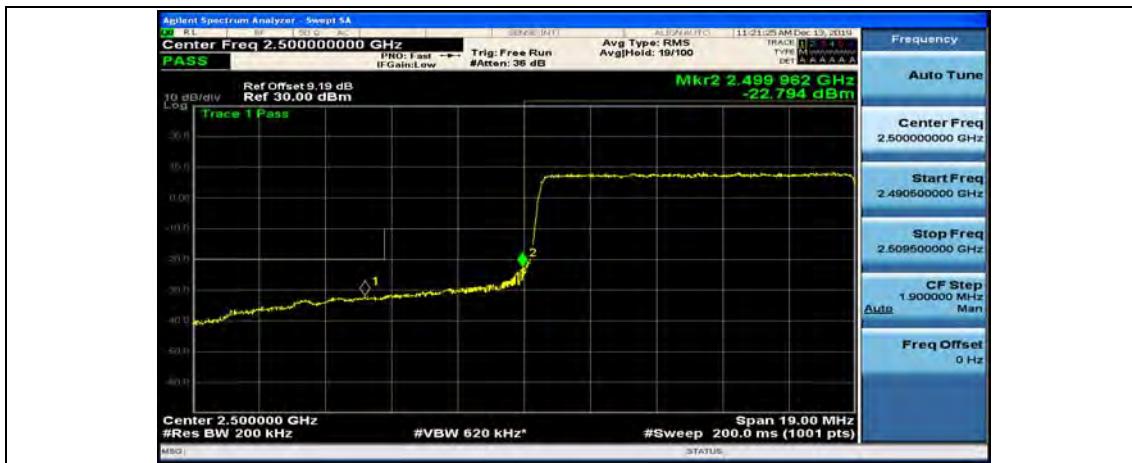




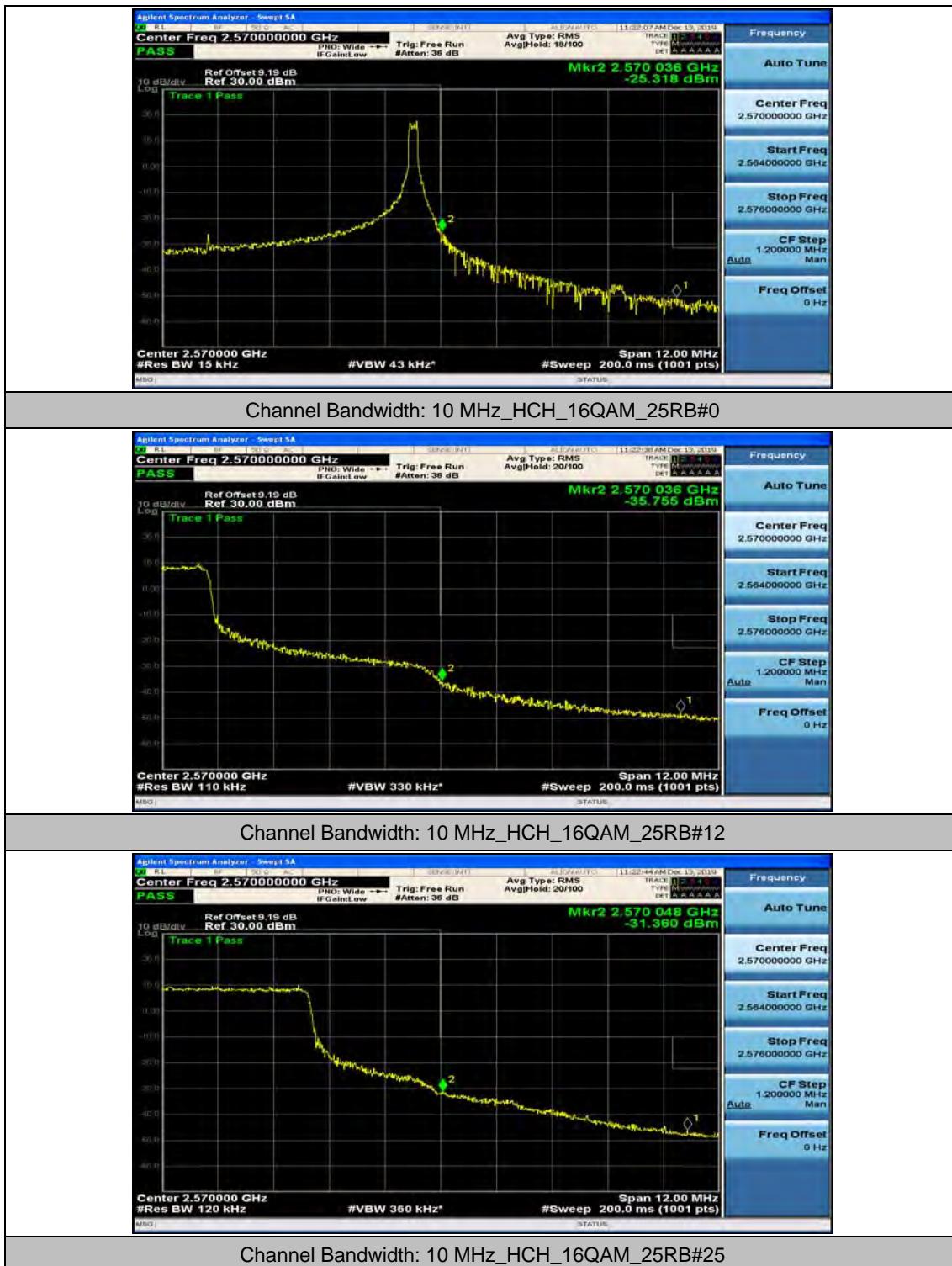


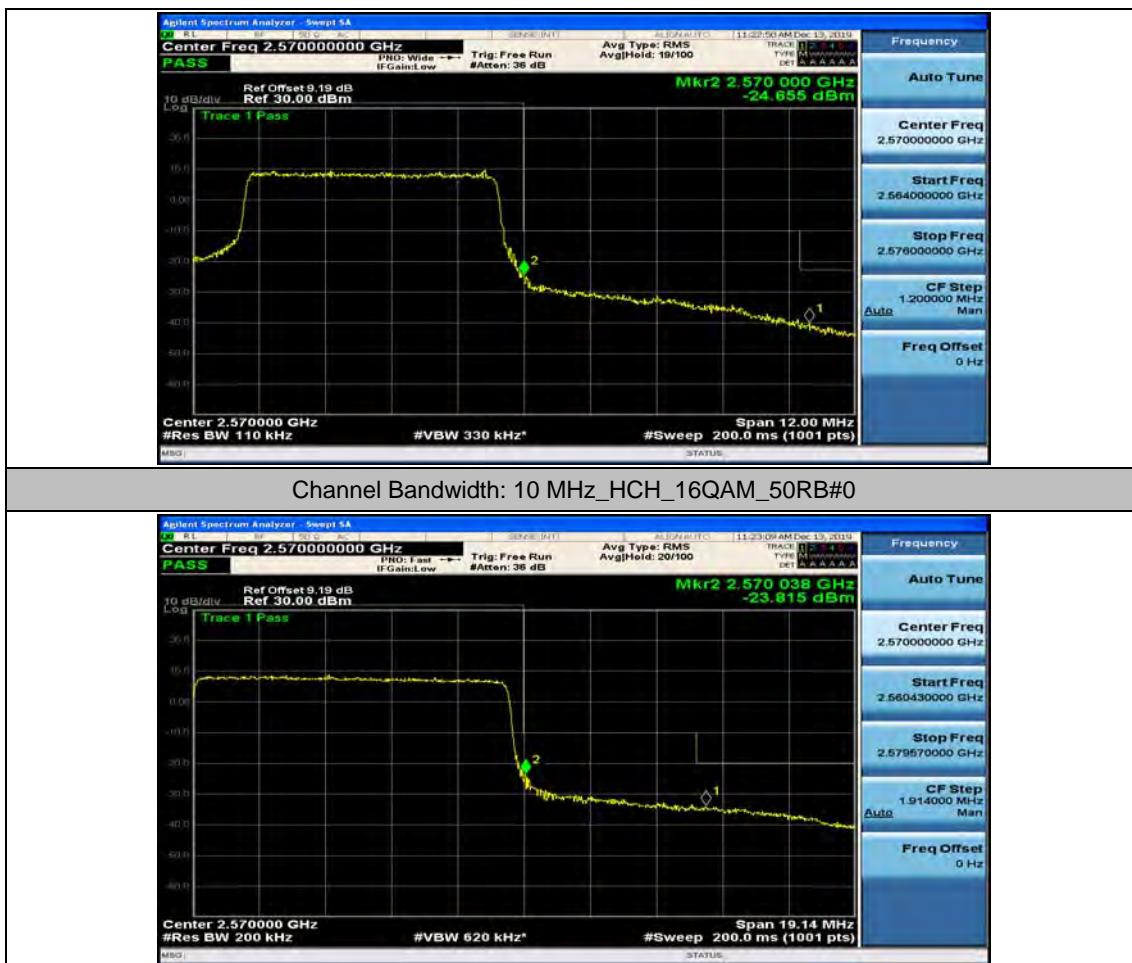




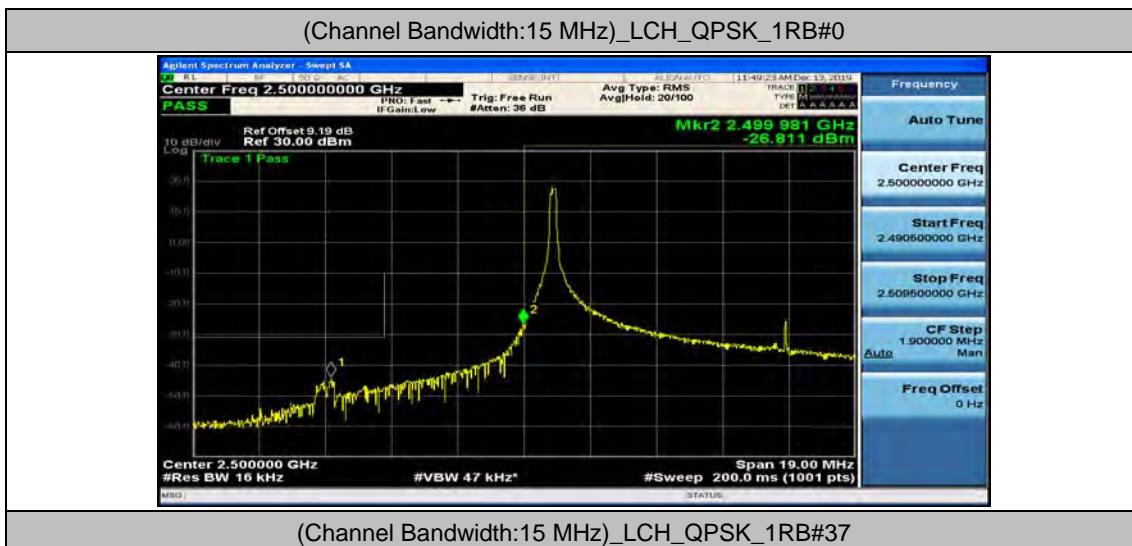


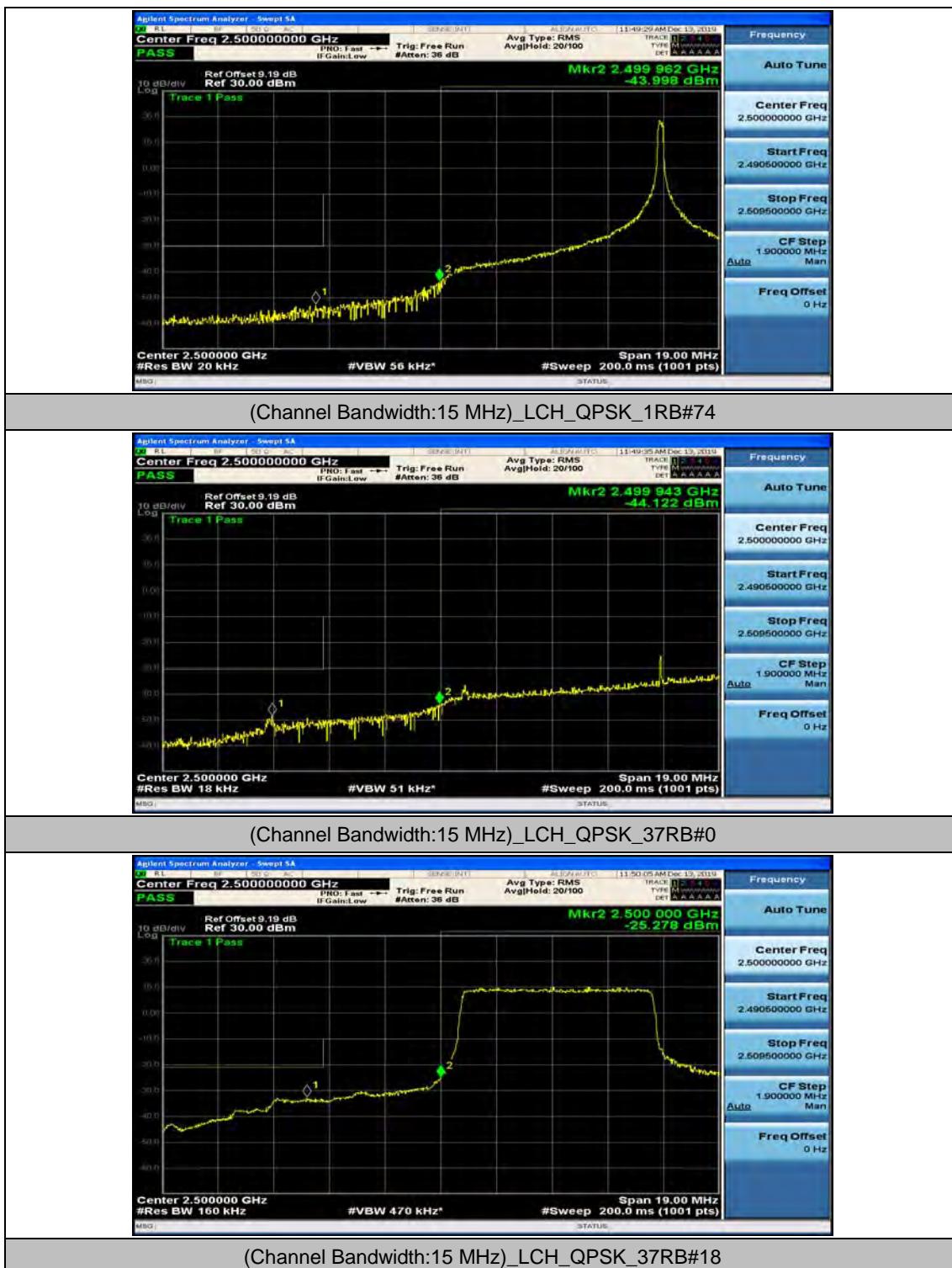
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#49



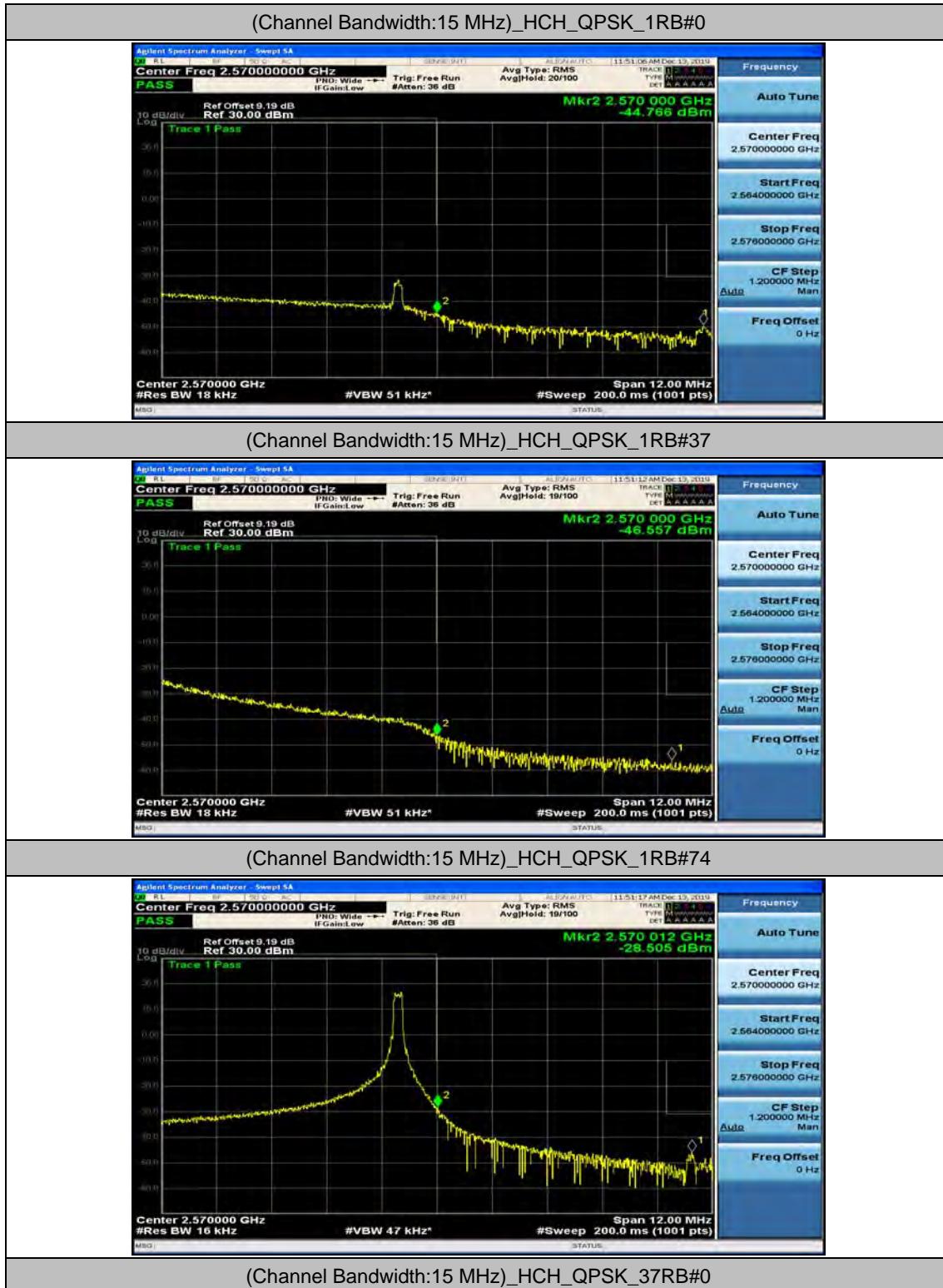


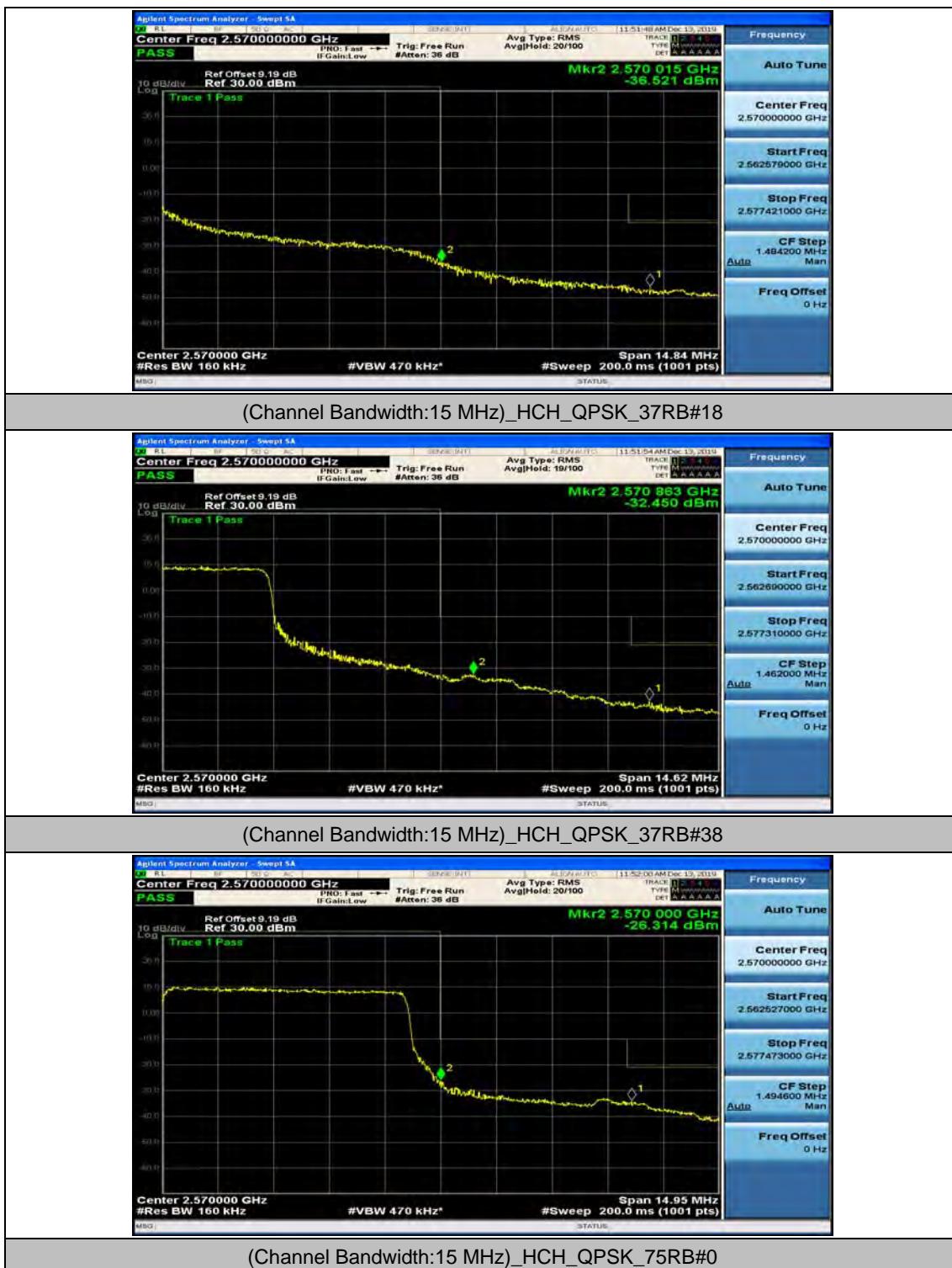
Channel Bandwidth: 15 MHz

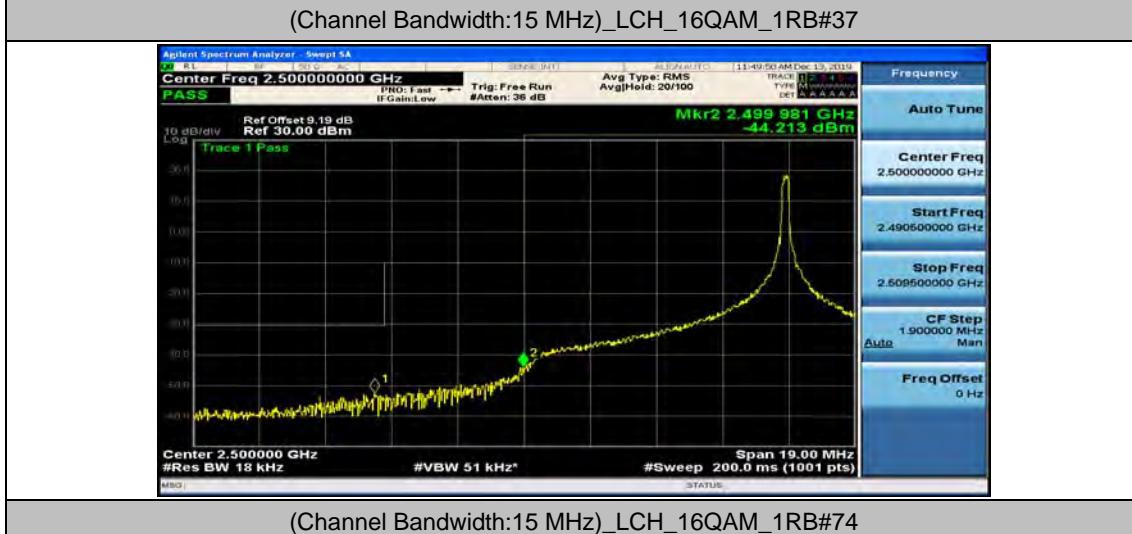
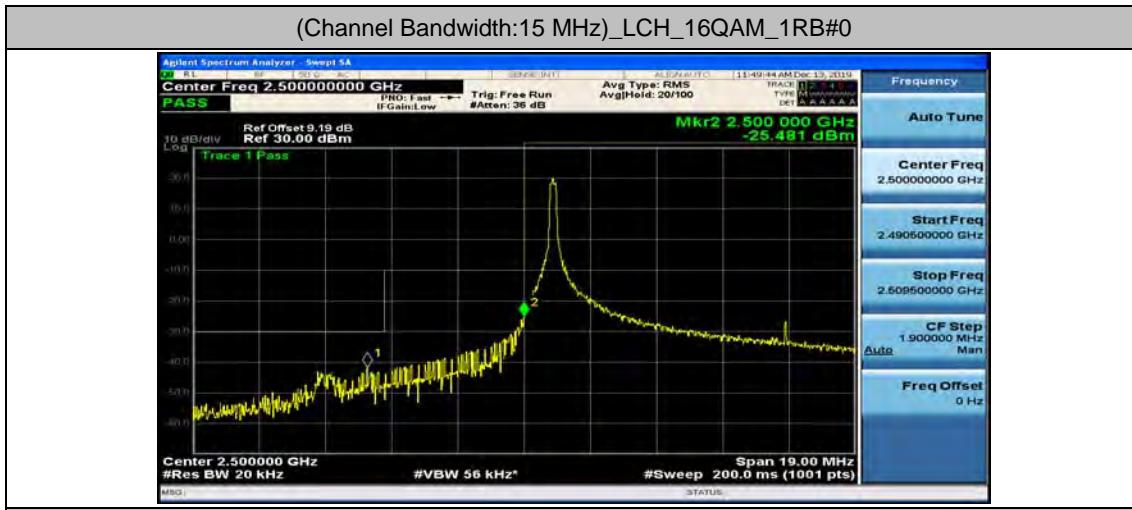




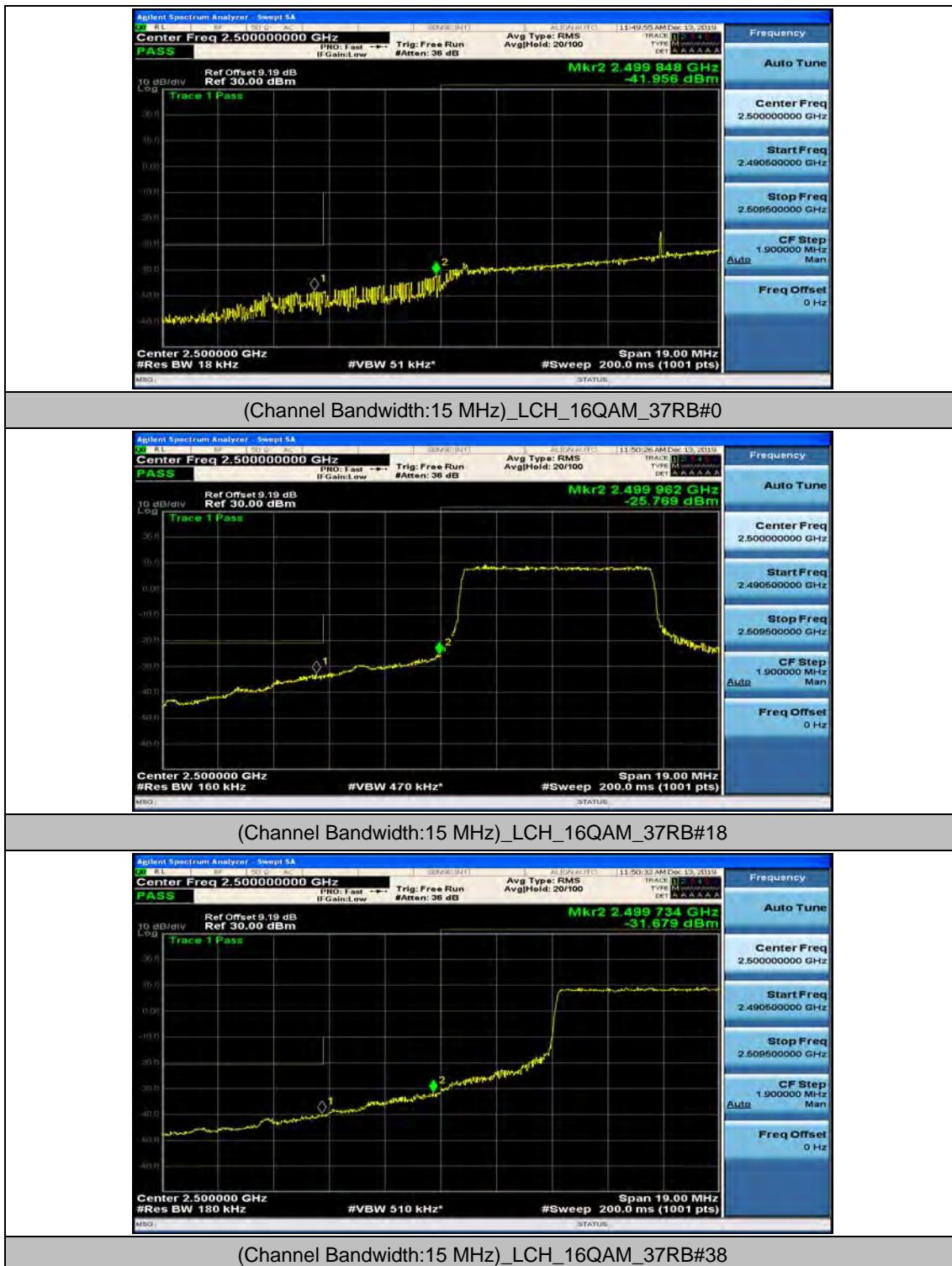


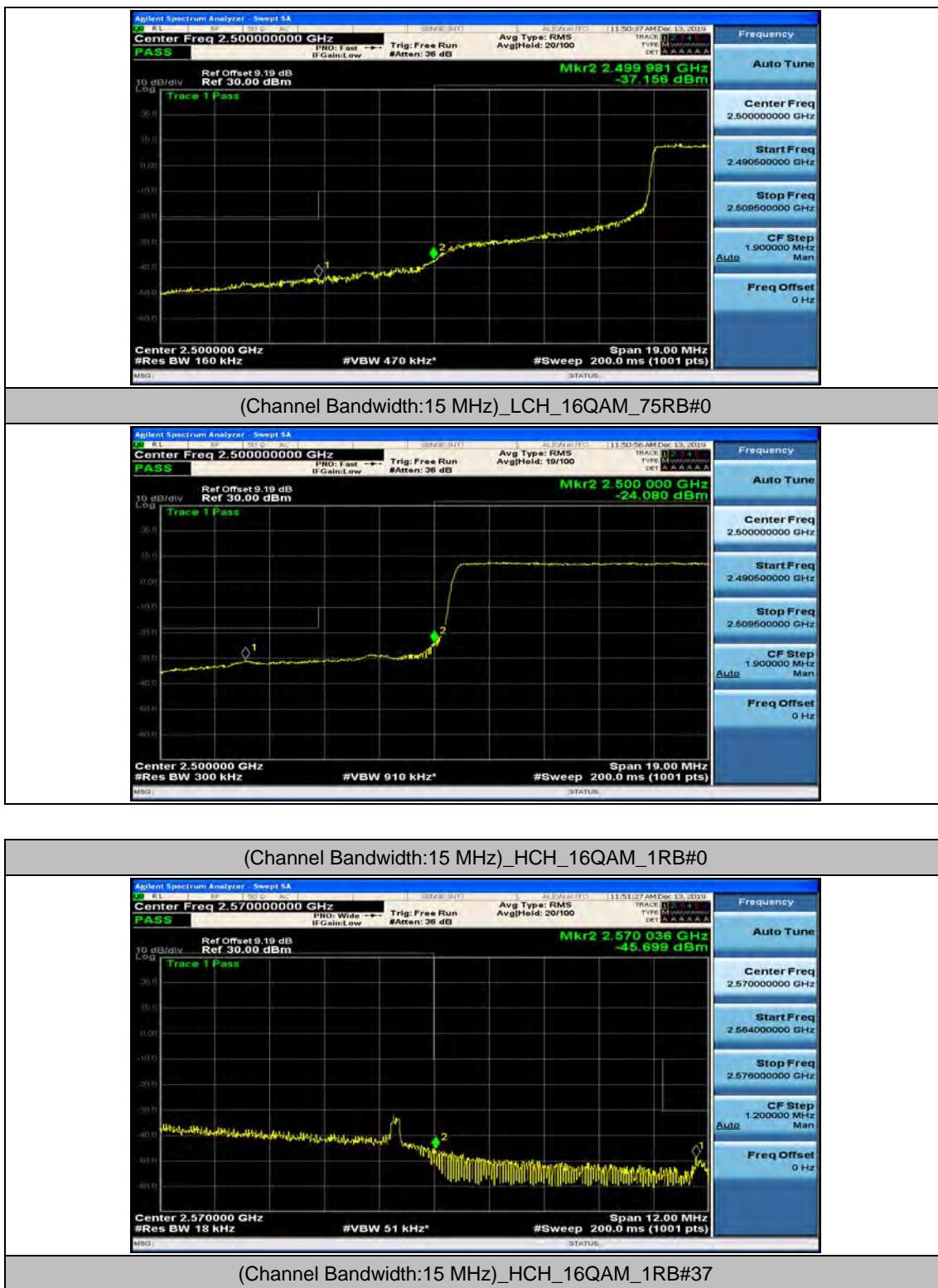


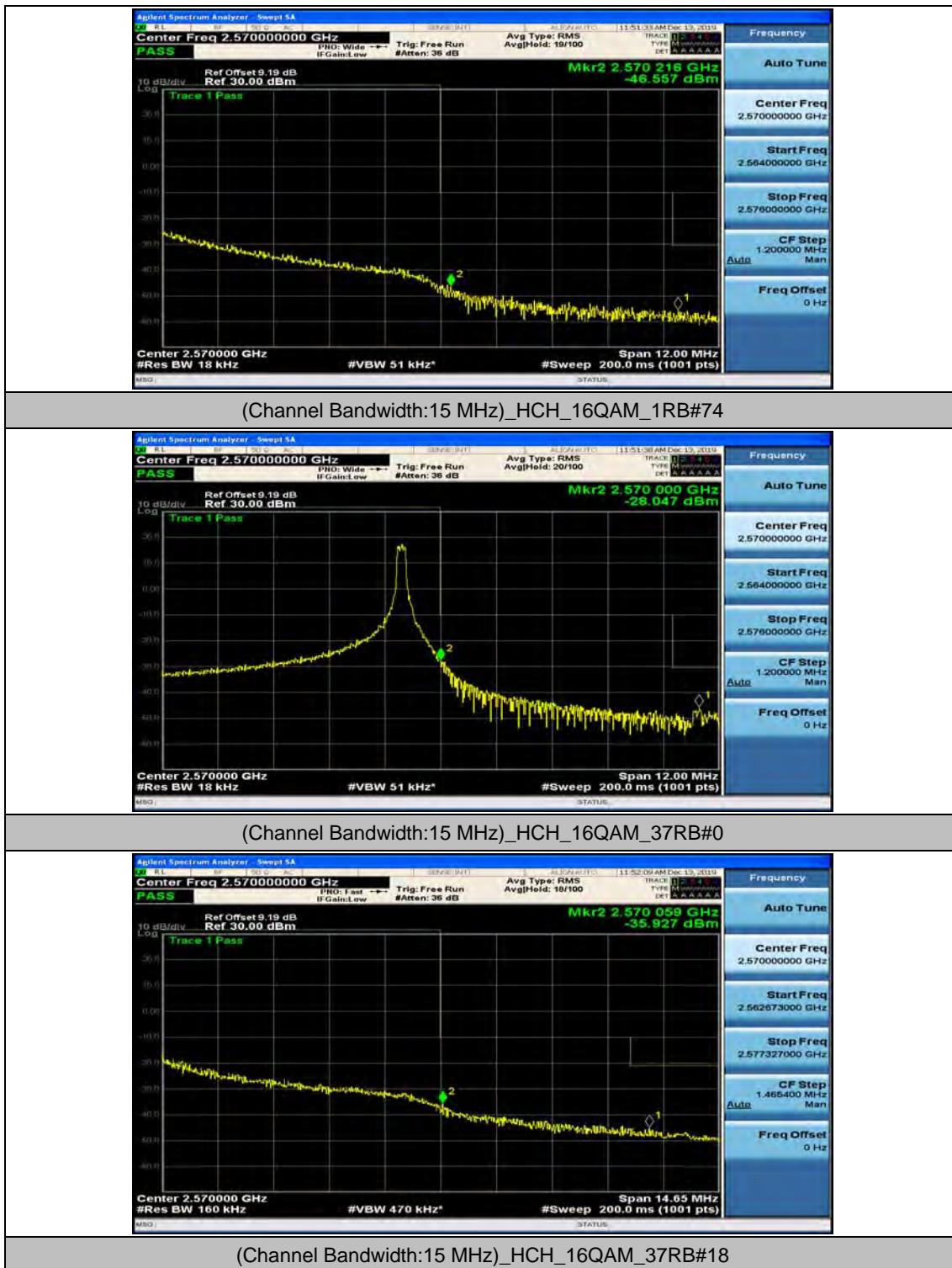


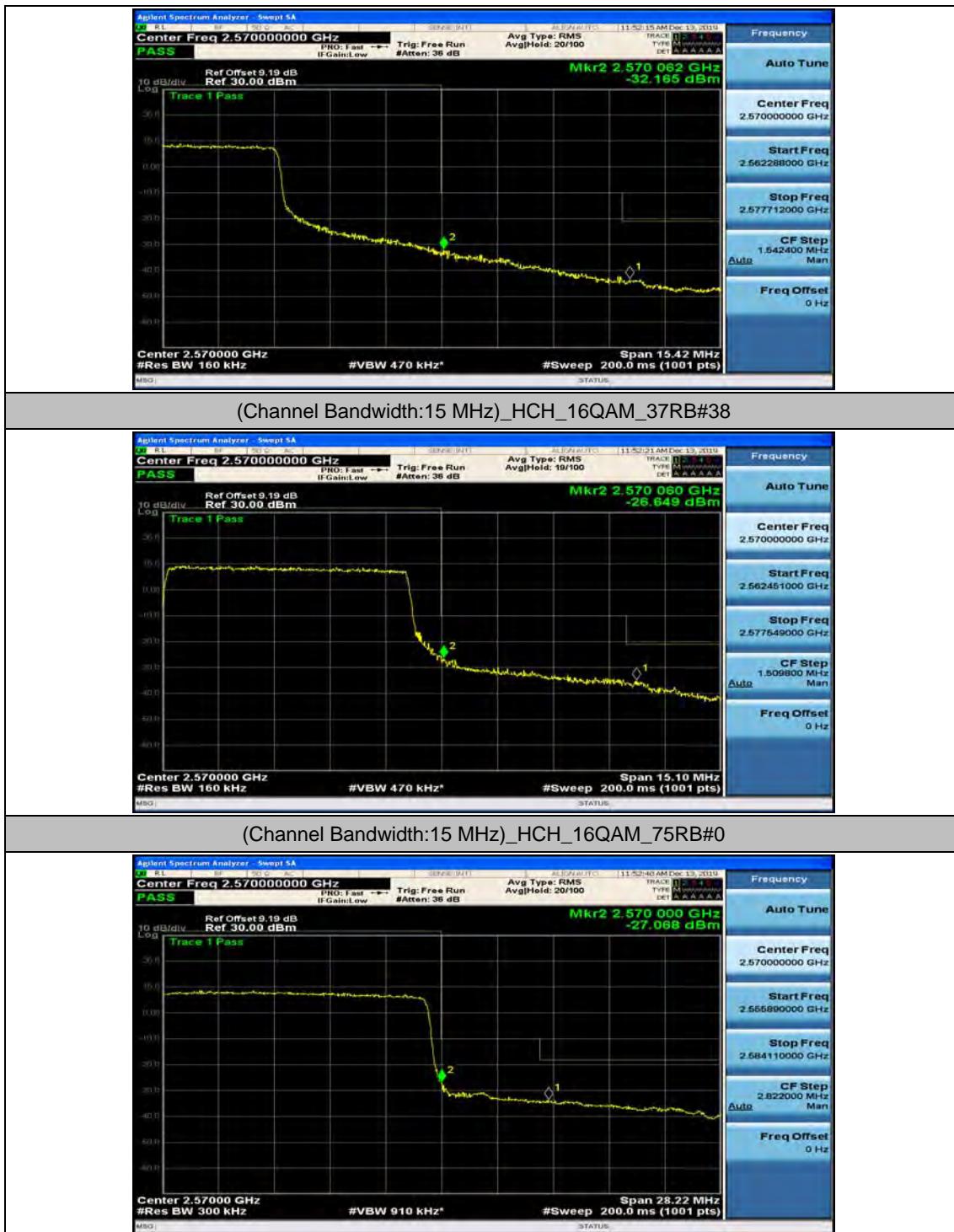


(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#74

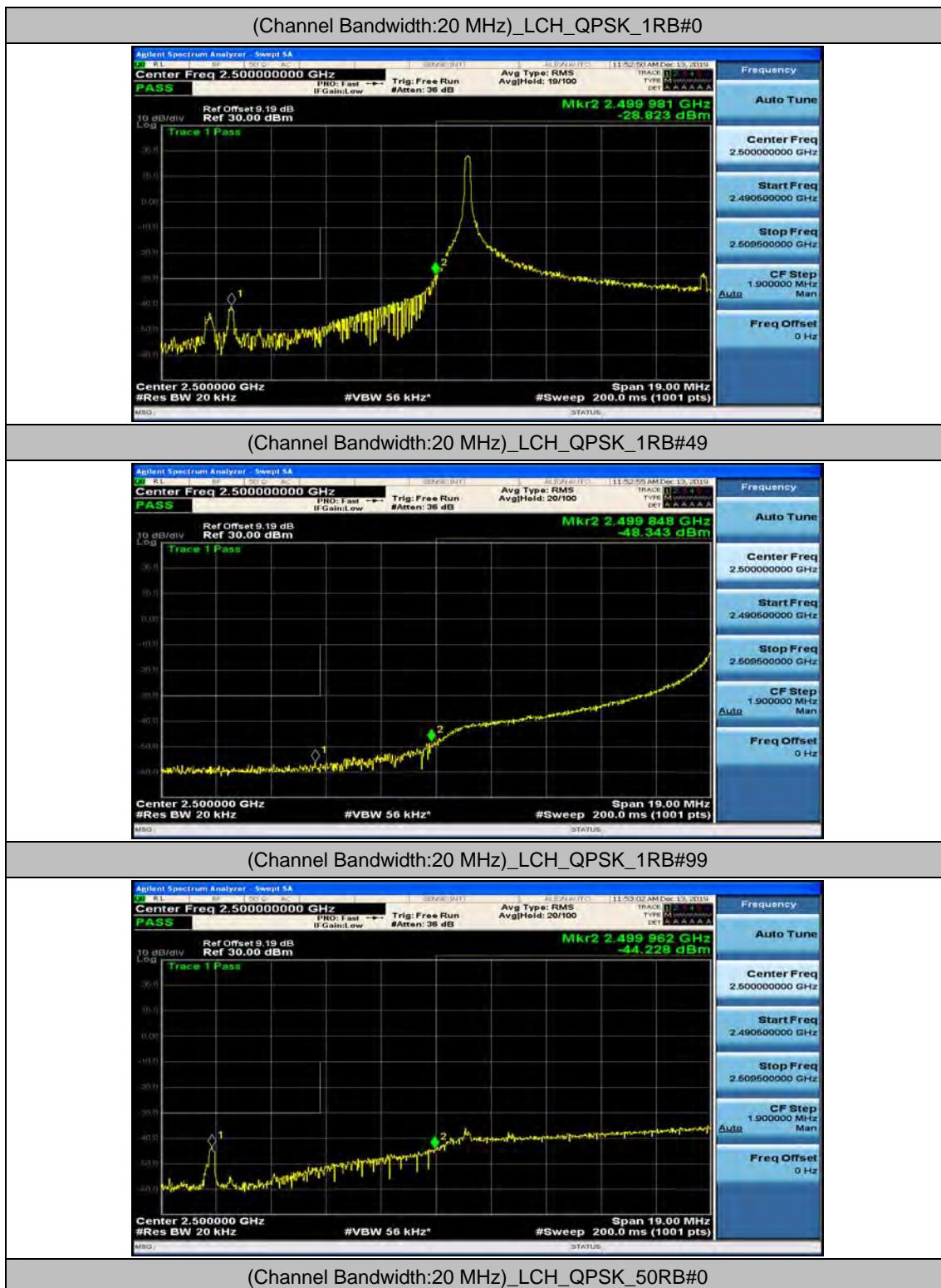




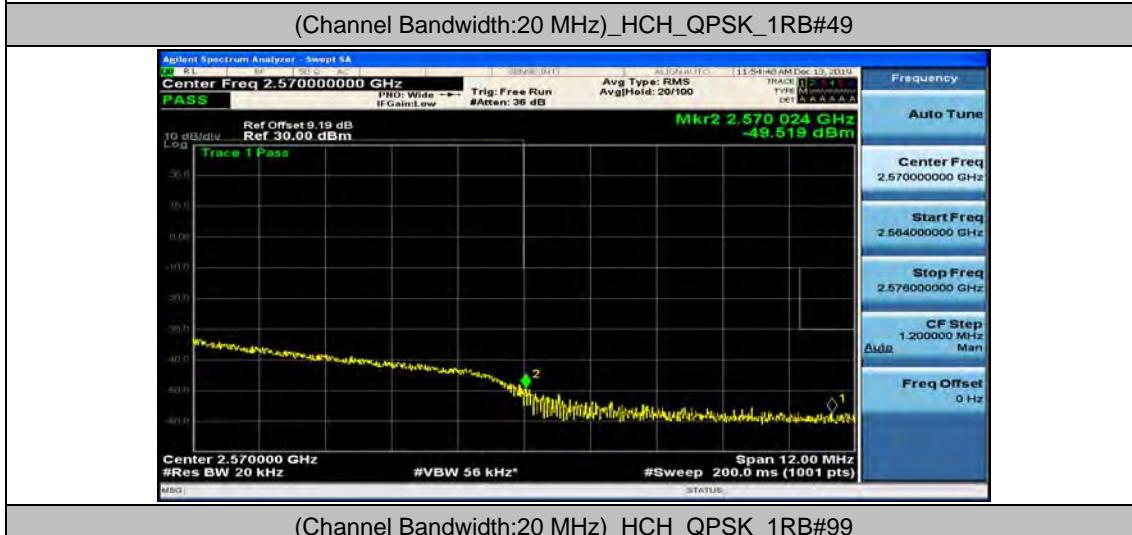




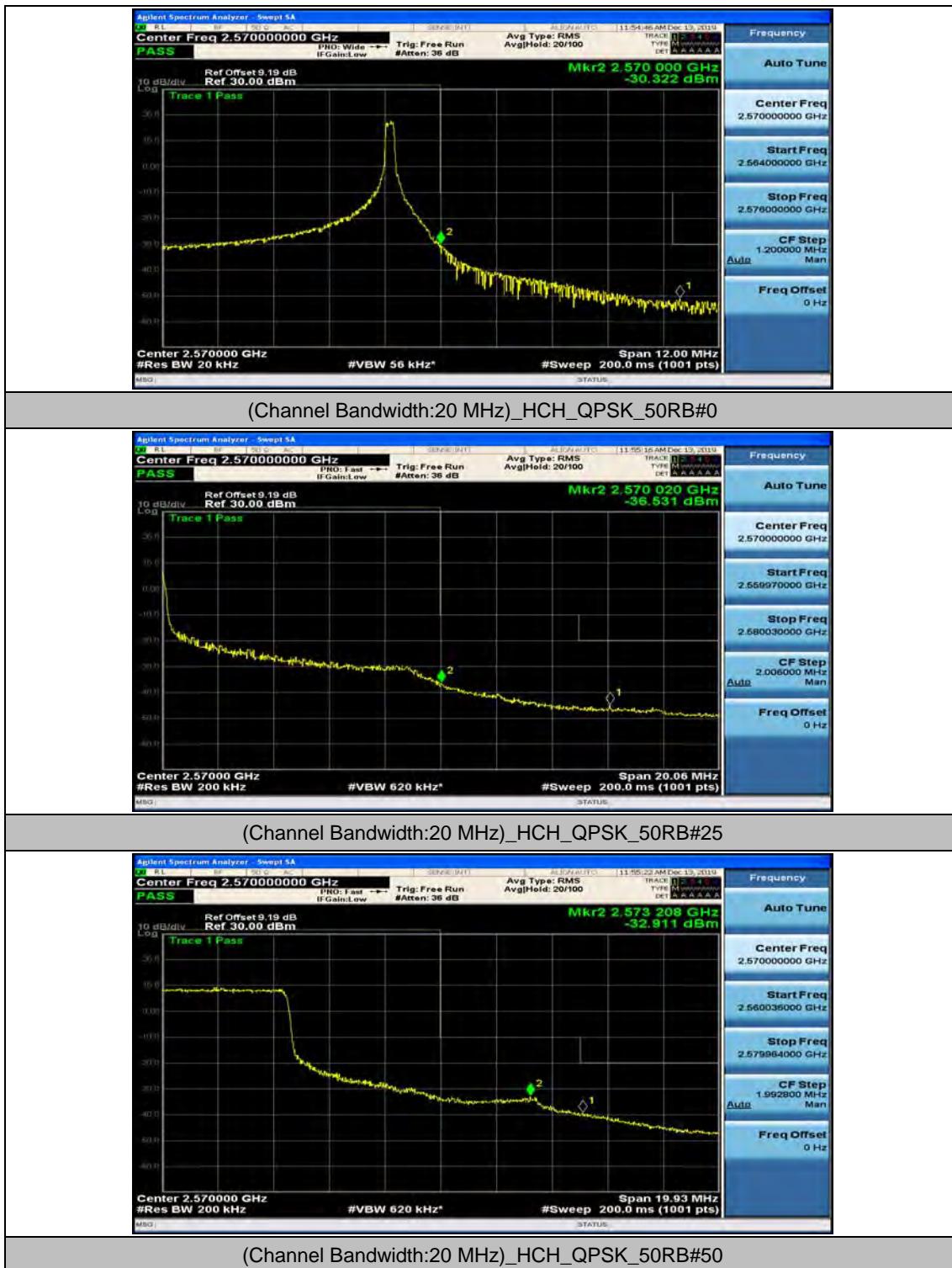
Channel Bandwidth: 20 MHz

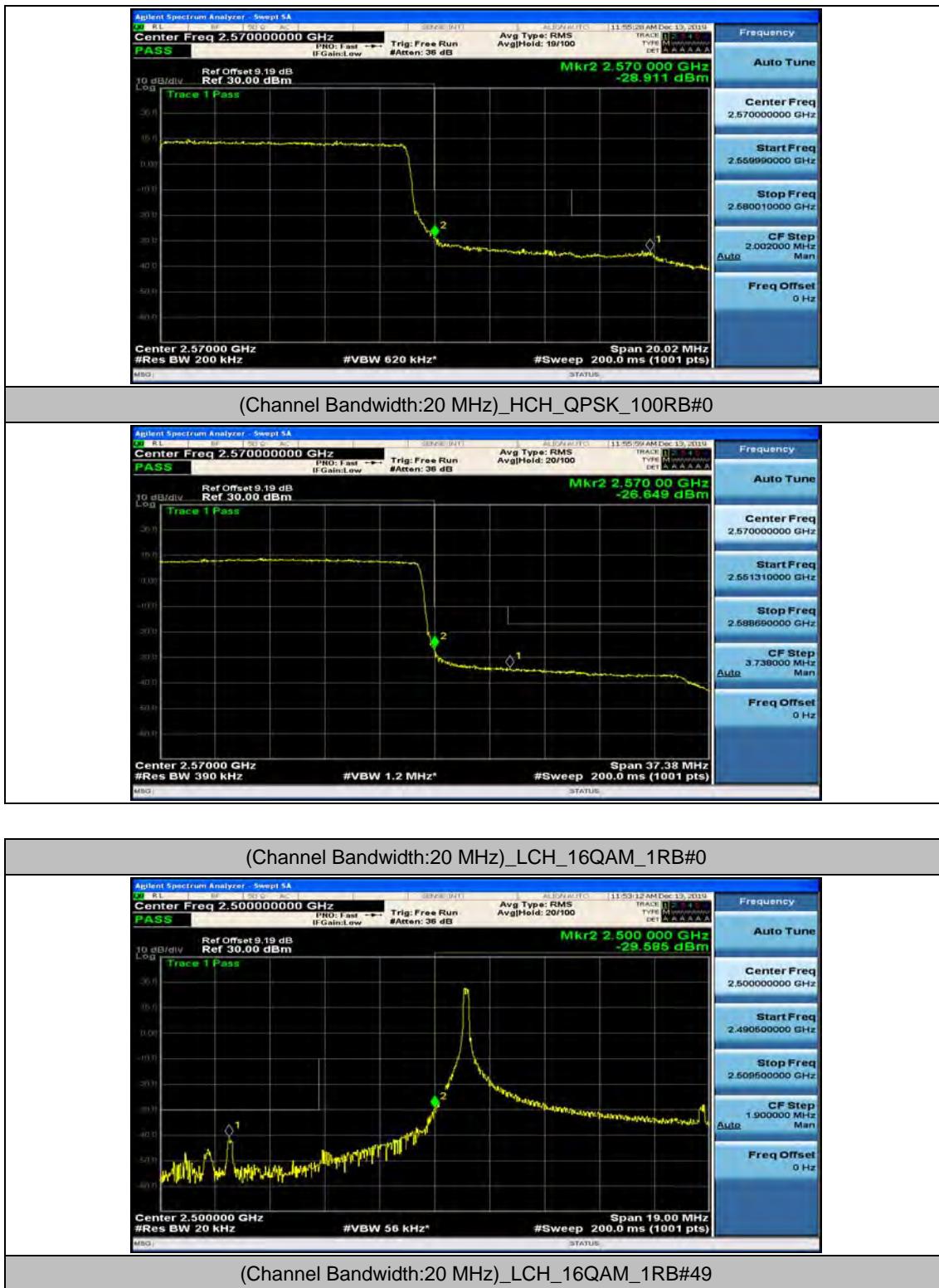




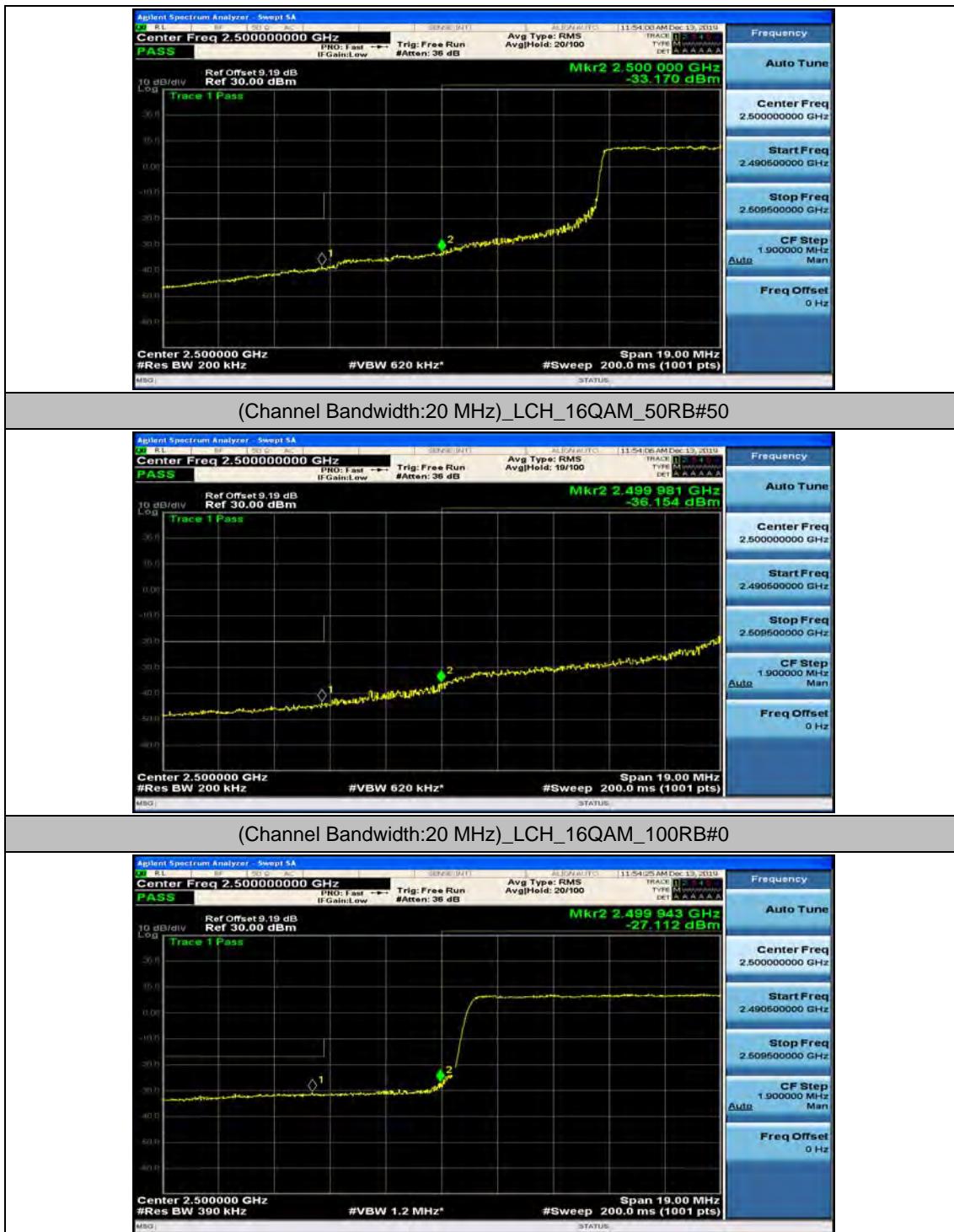


(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#99

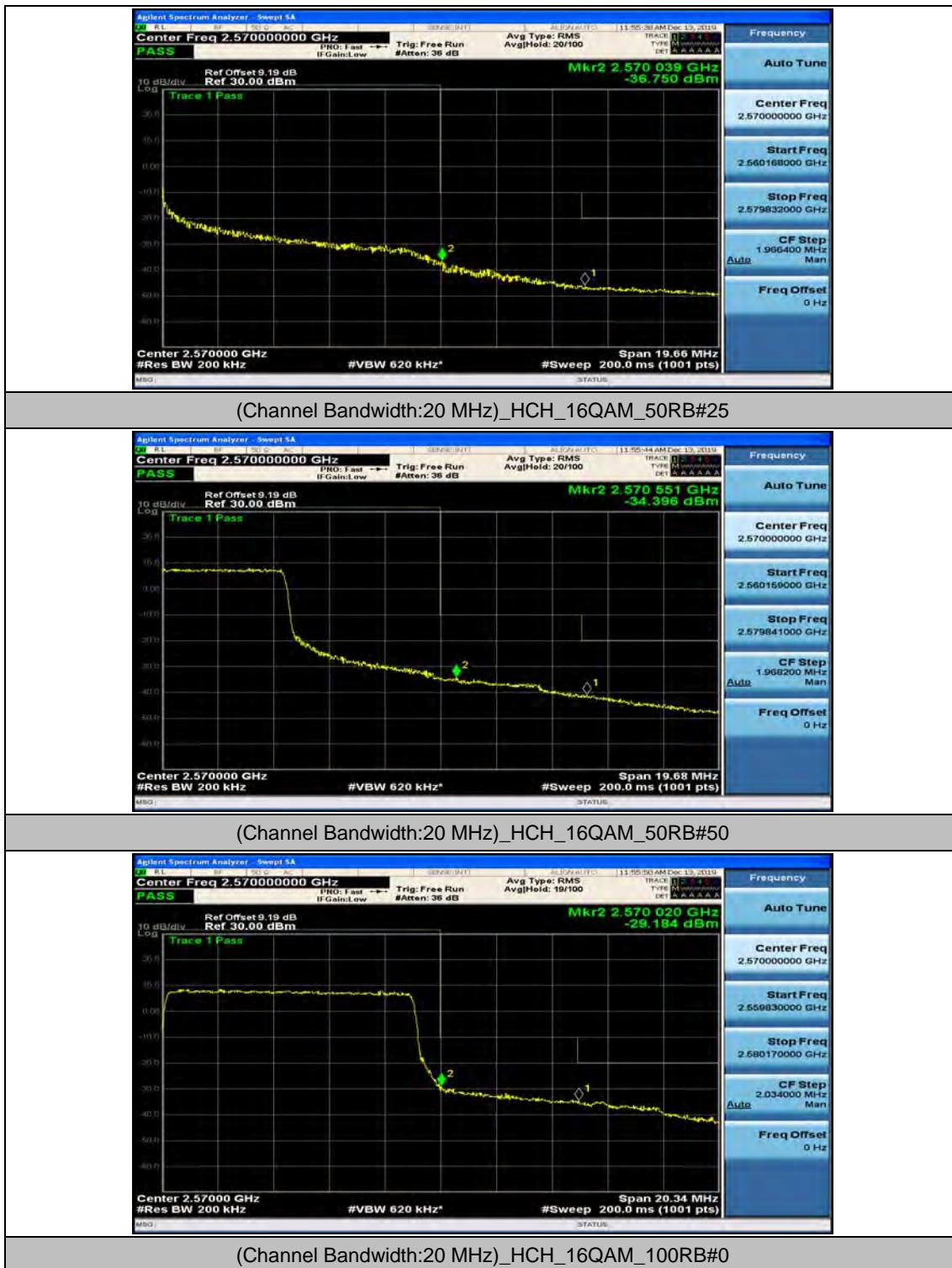










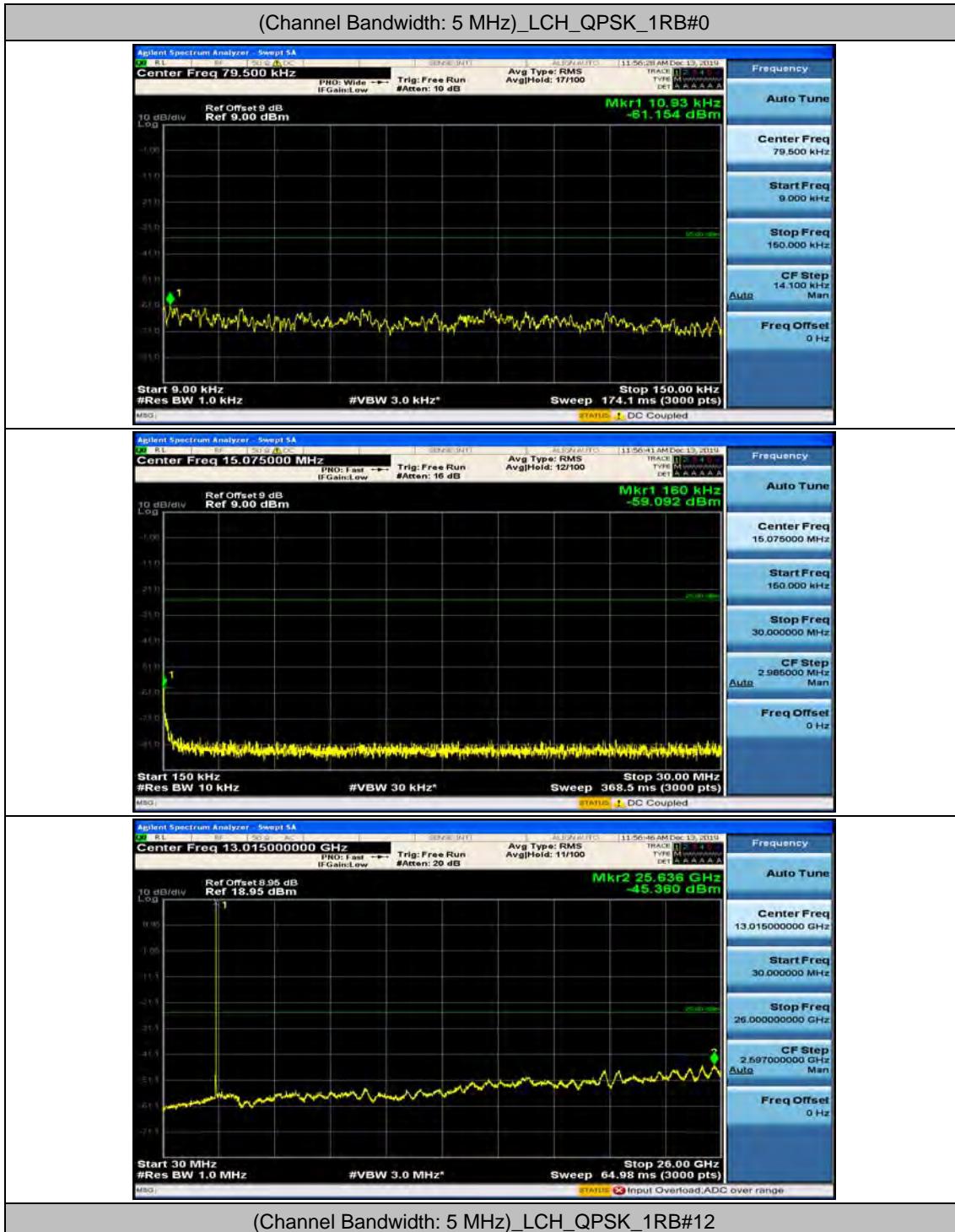


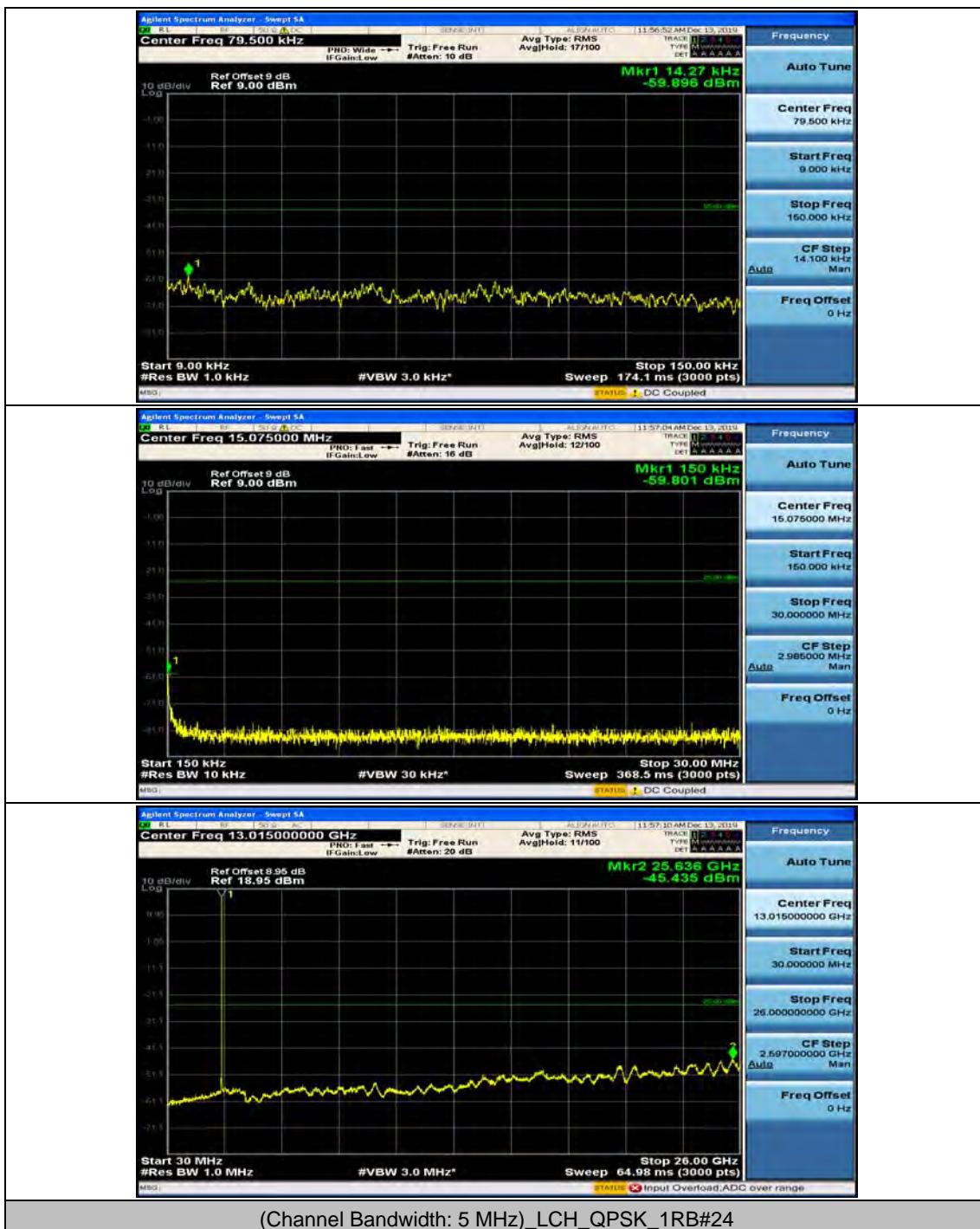


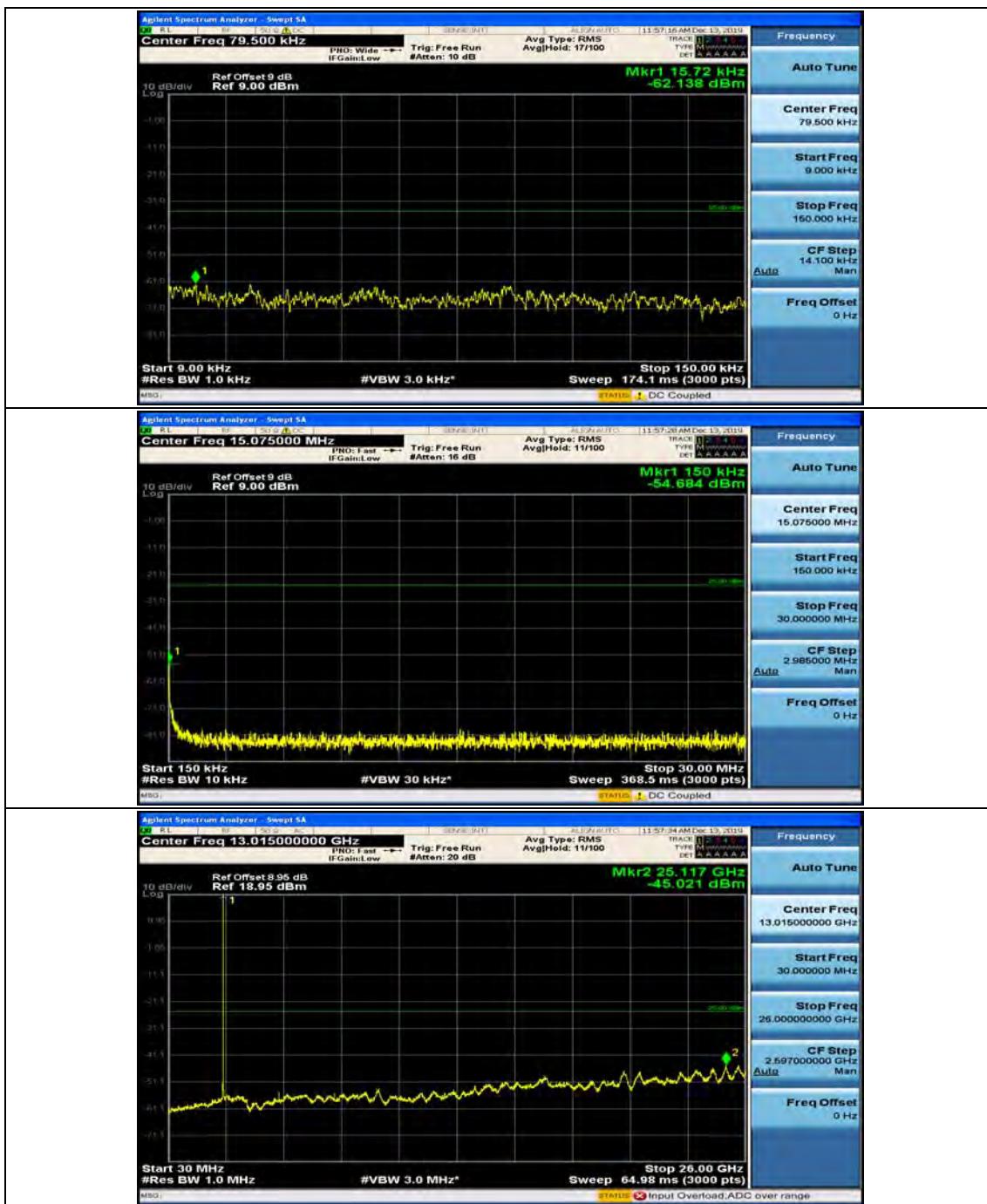
Appendix E: Conducted Spurious Emission

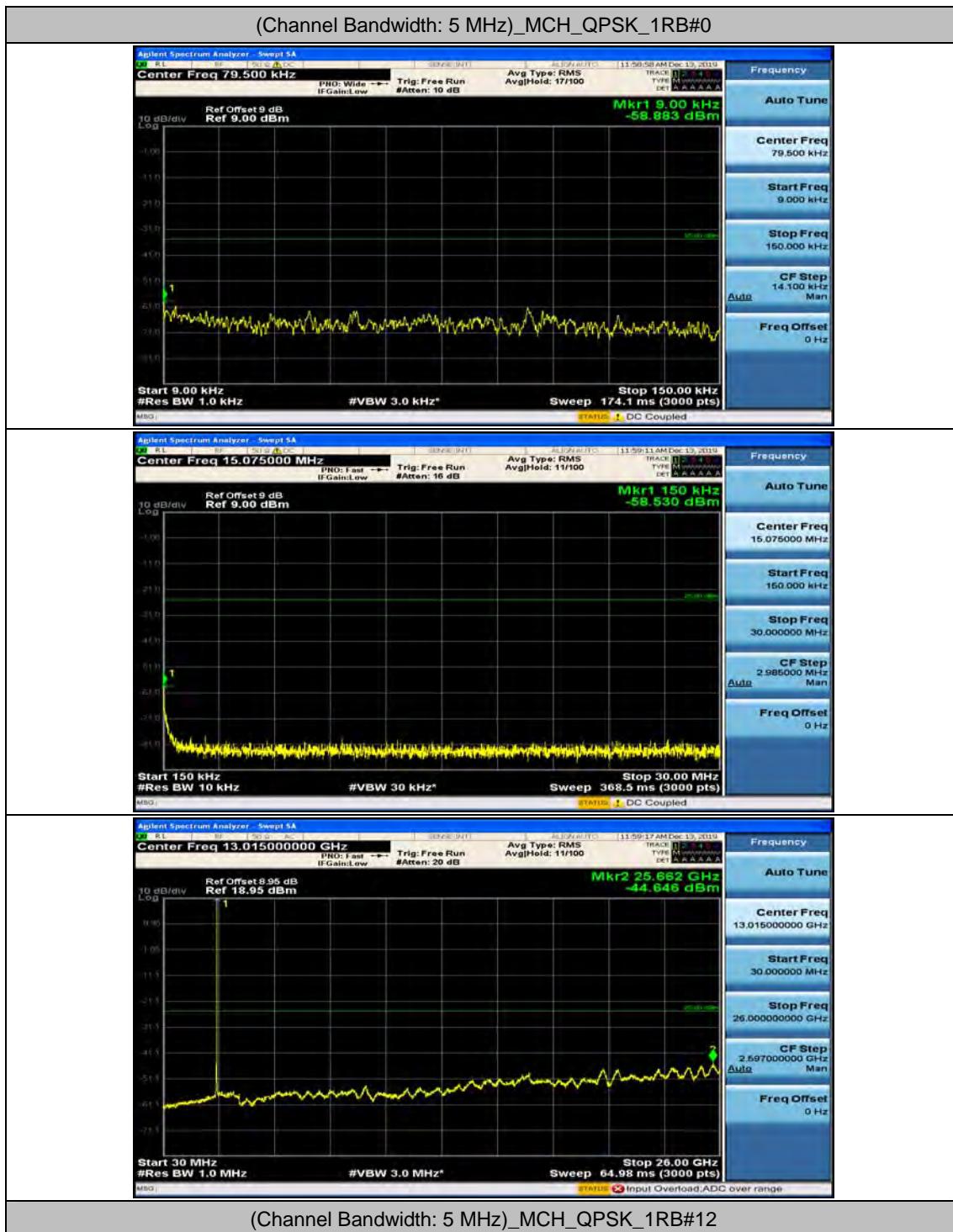
Test Graphs

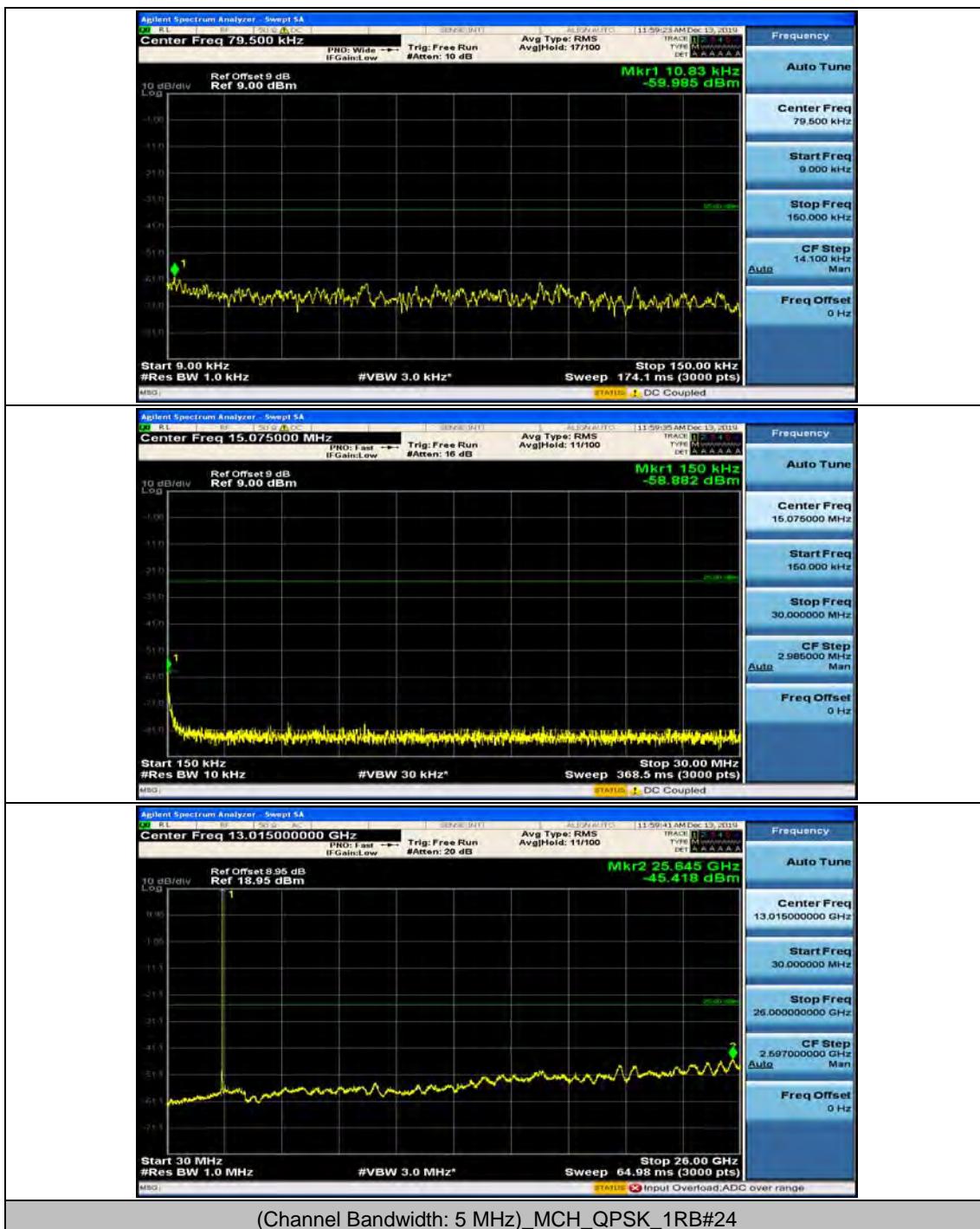
Channel Bandwidth: 5 MHz

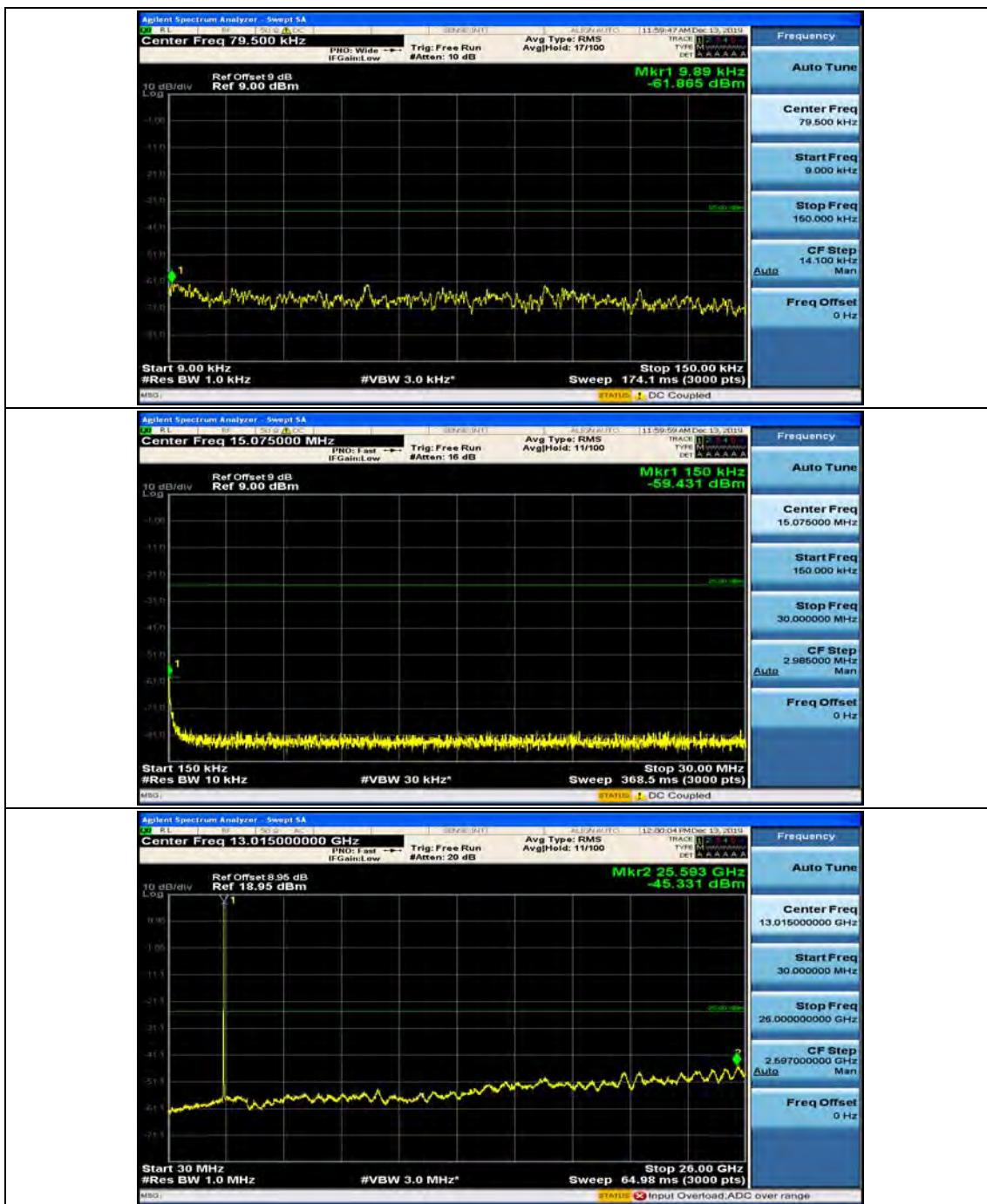


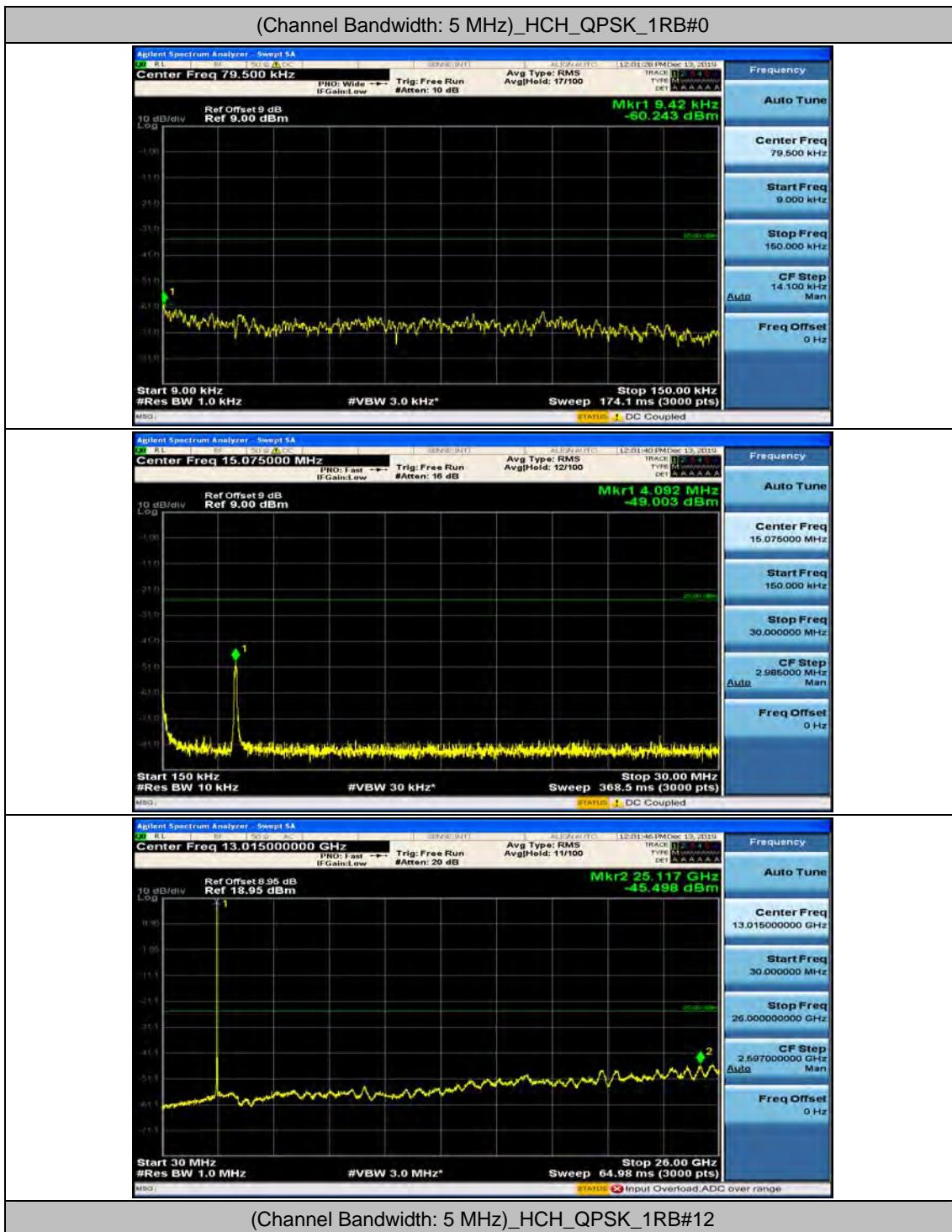


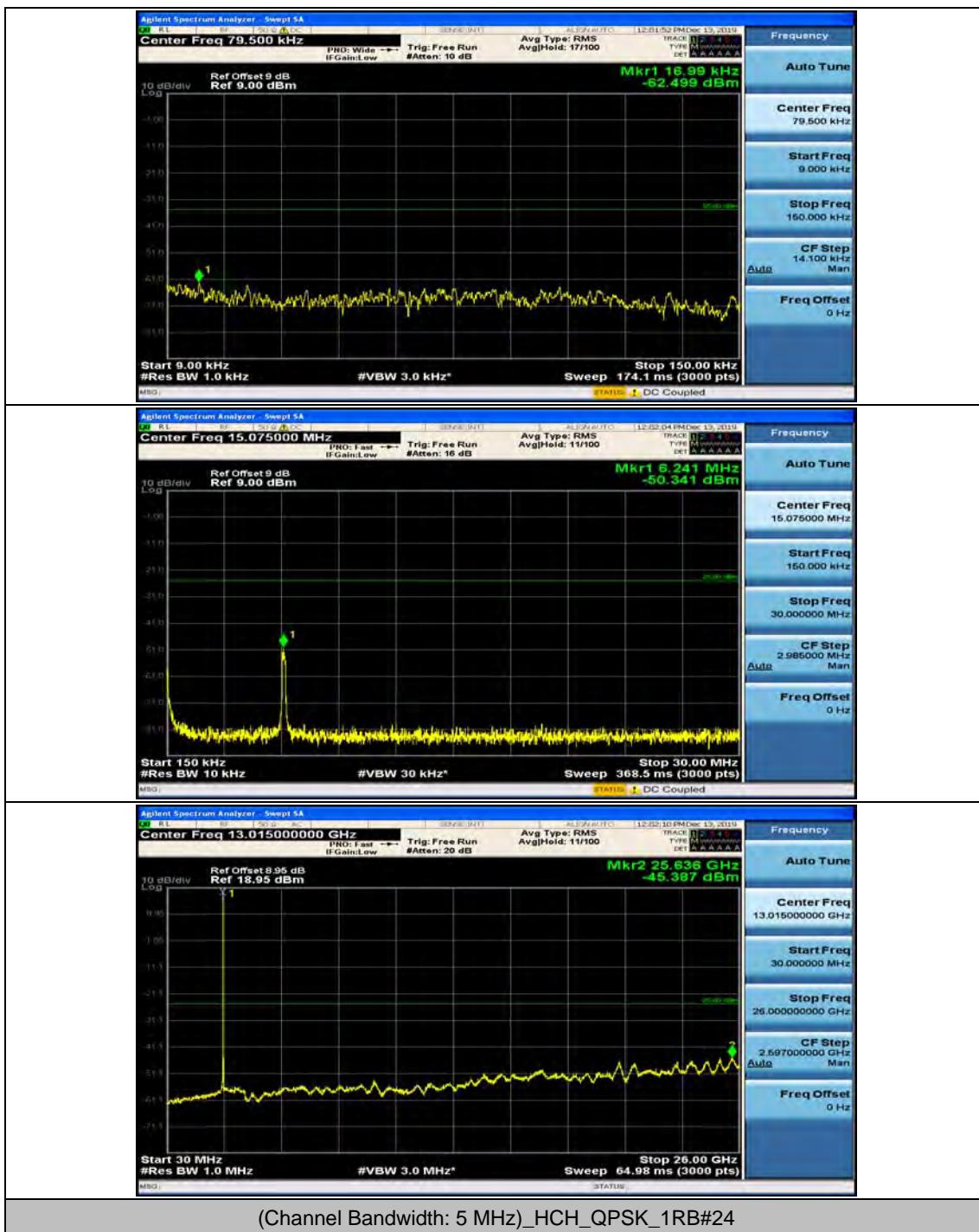


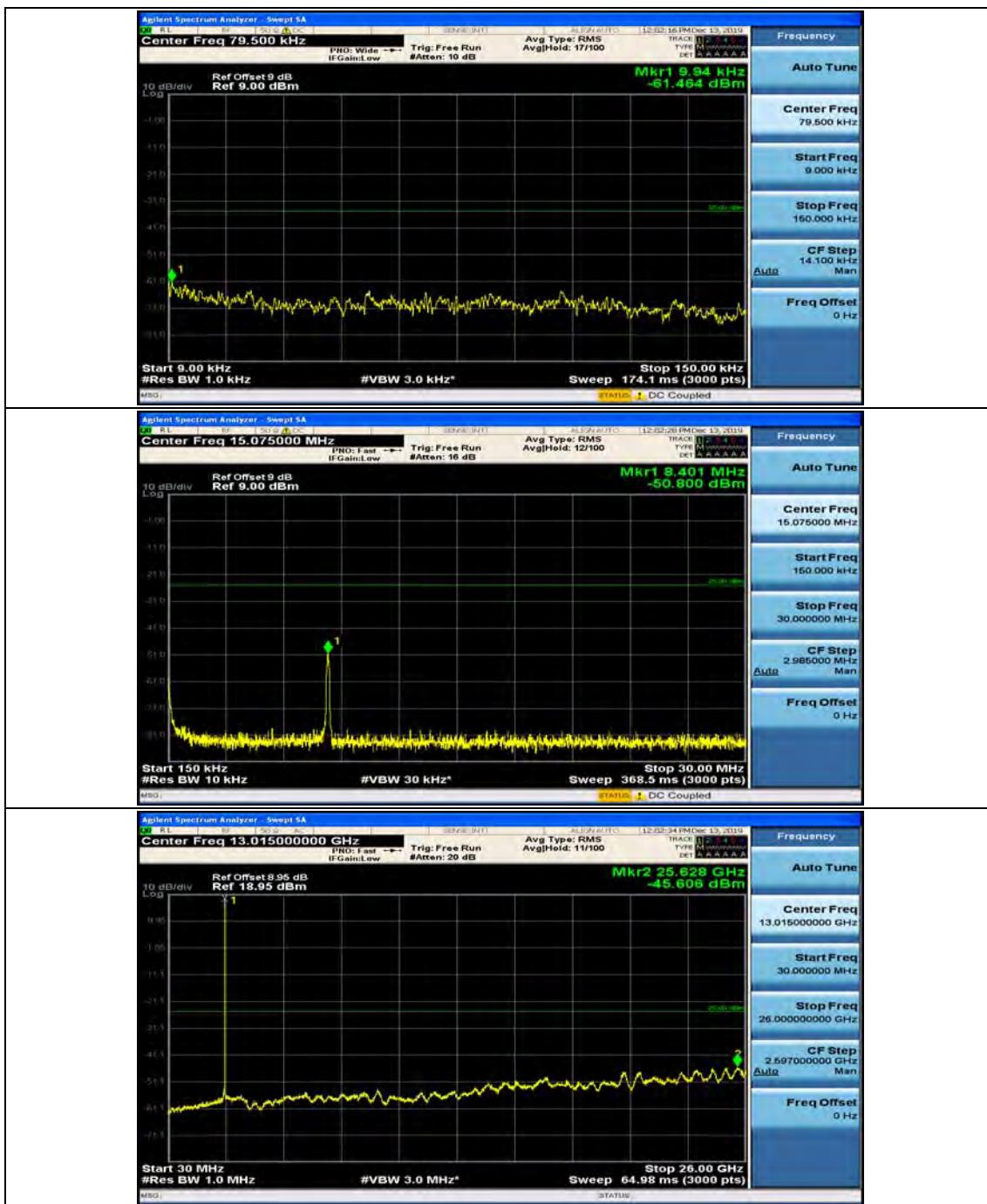


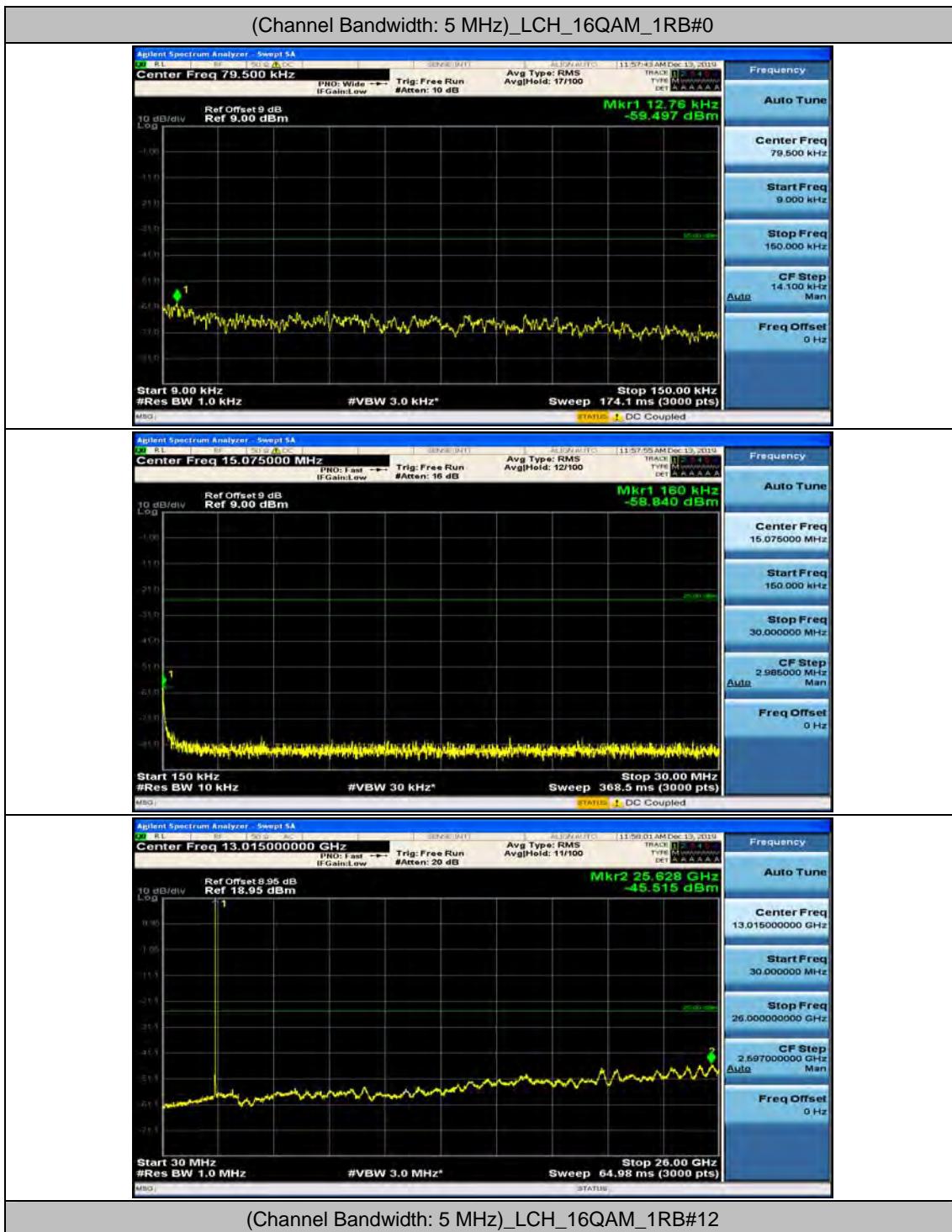


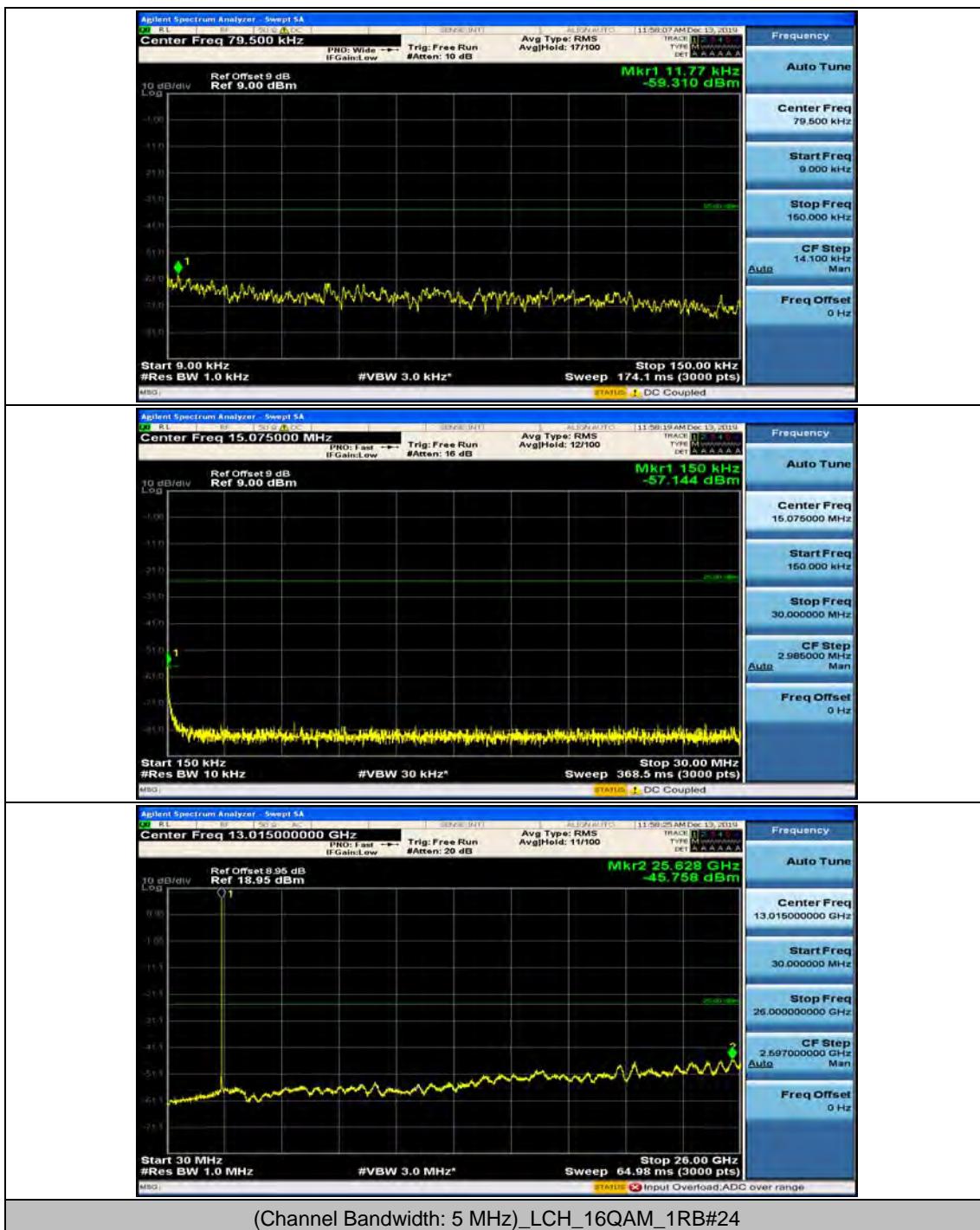


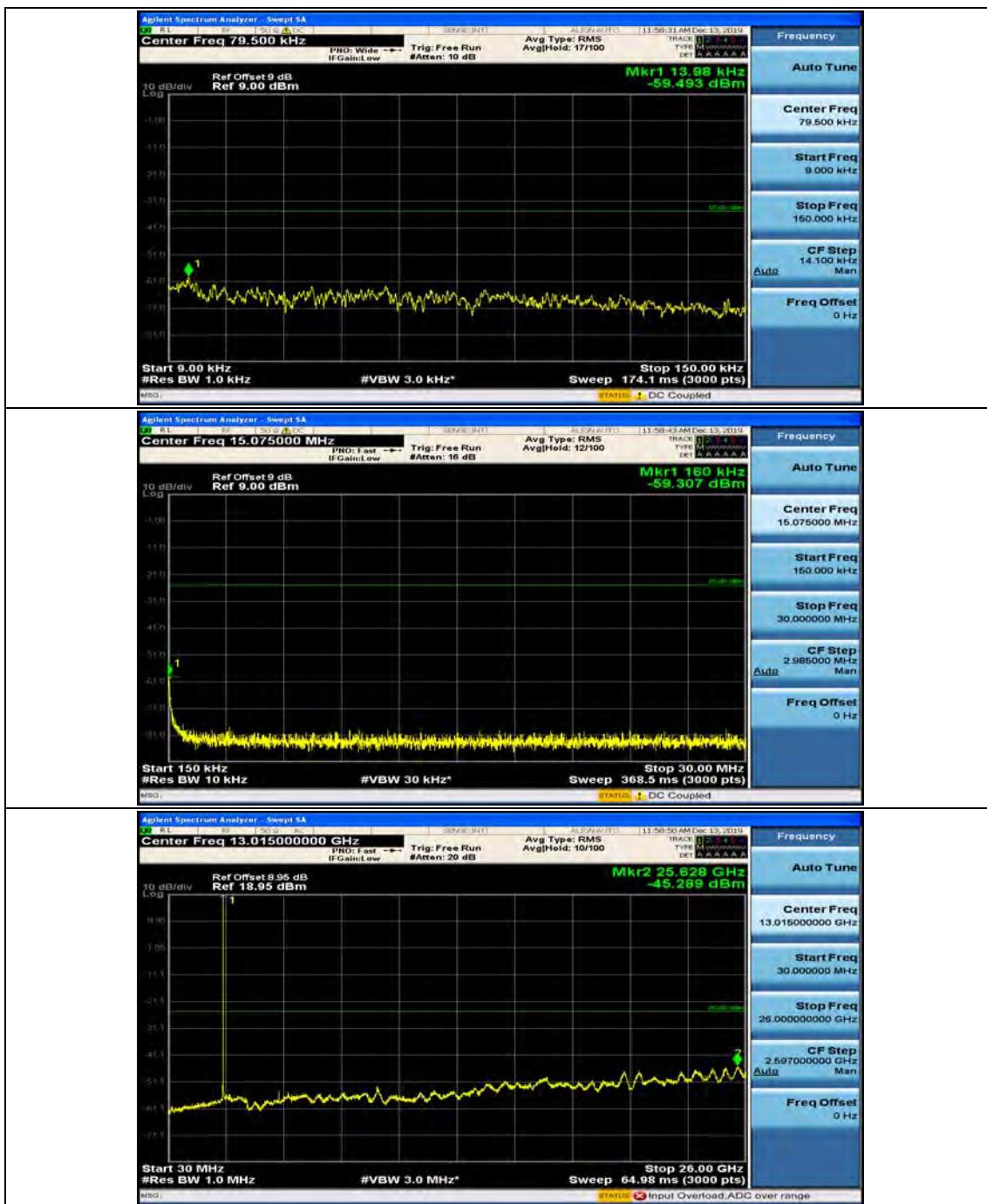


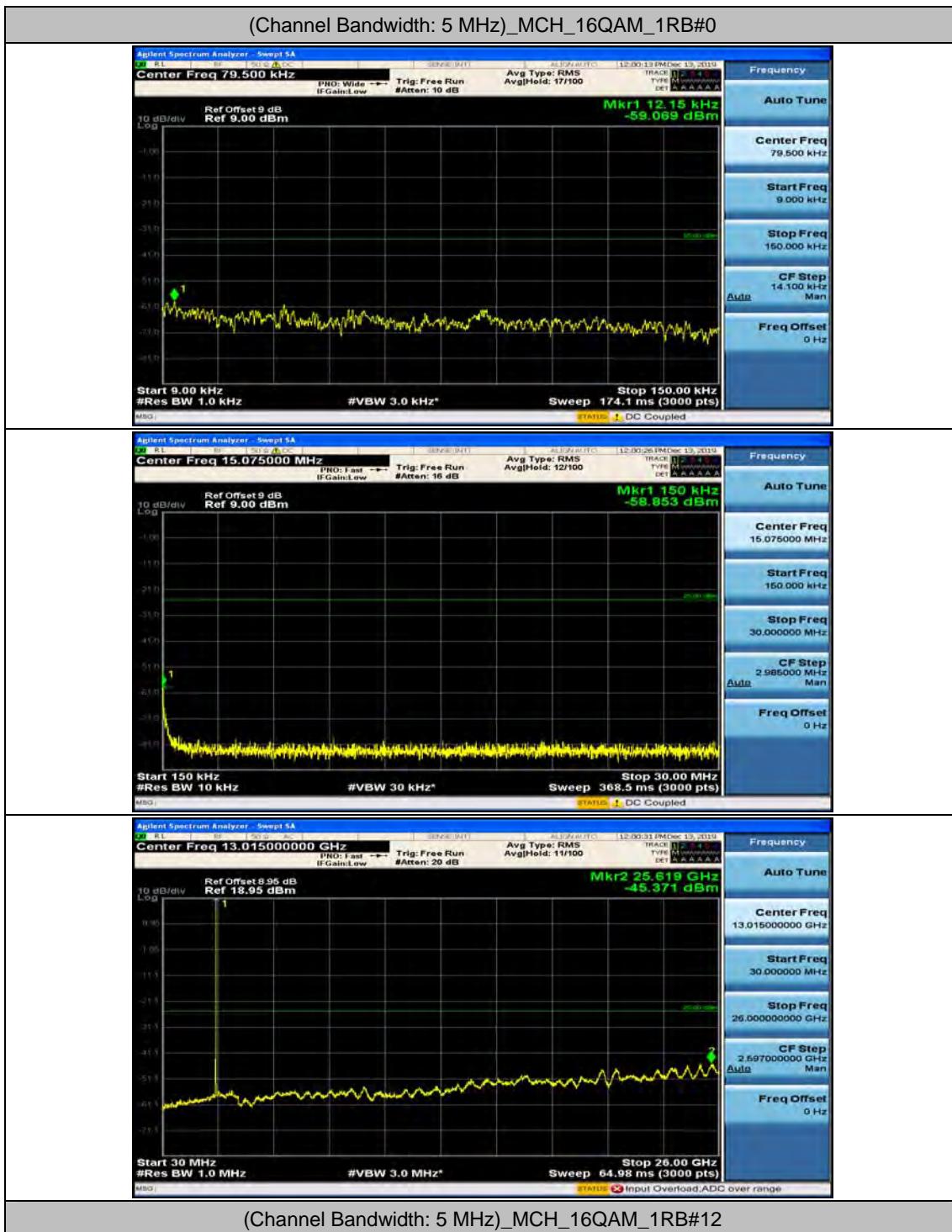


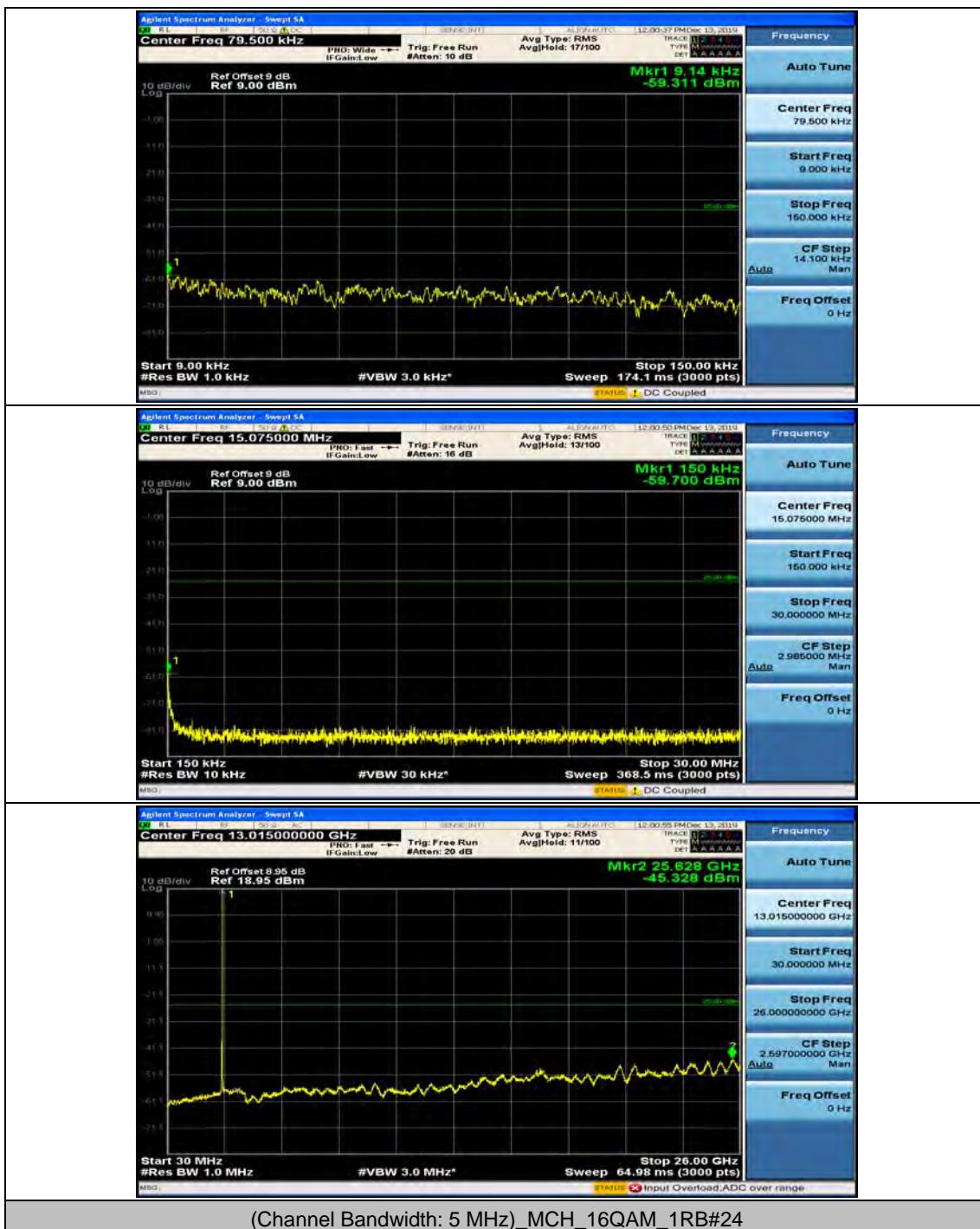


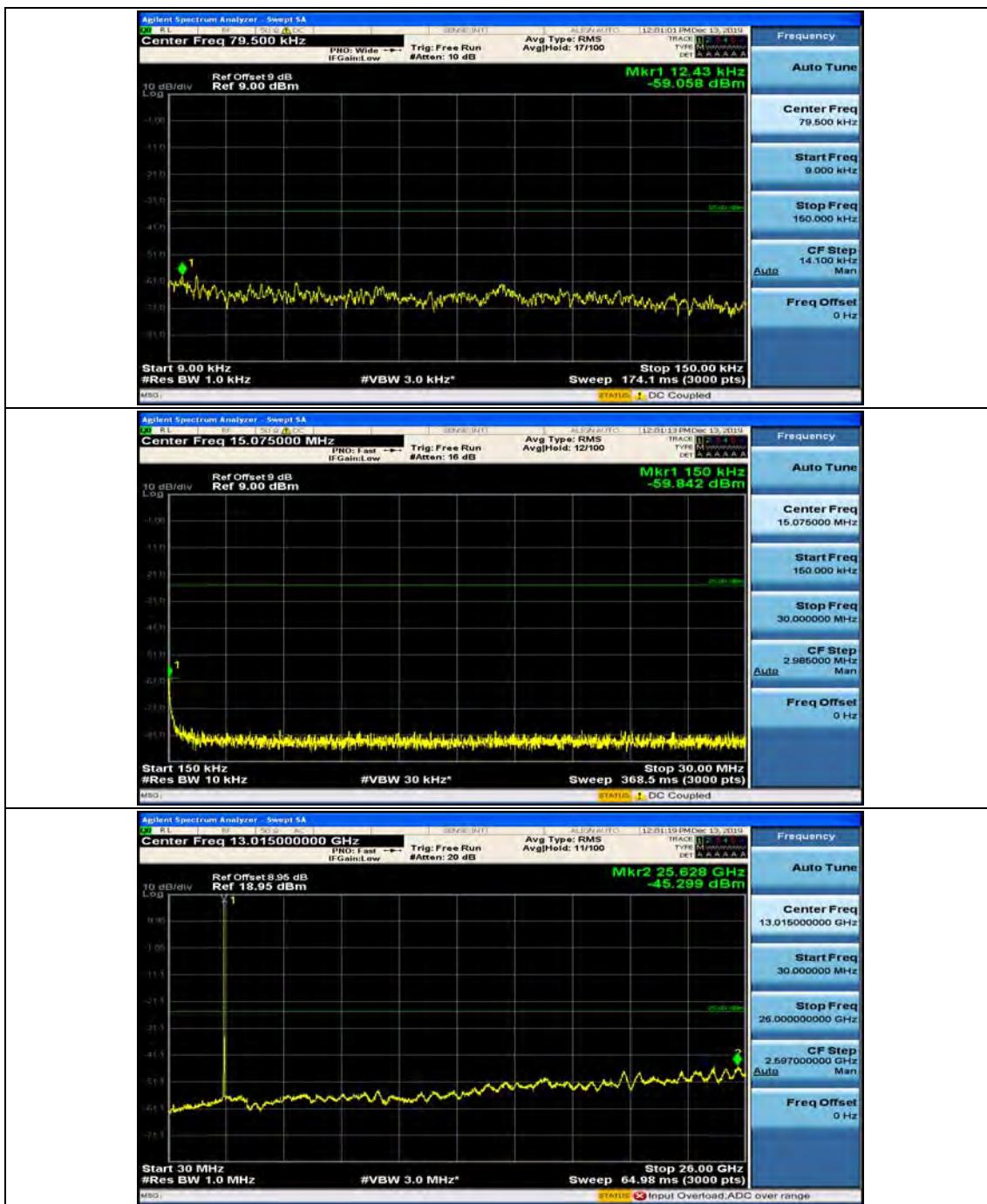


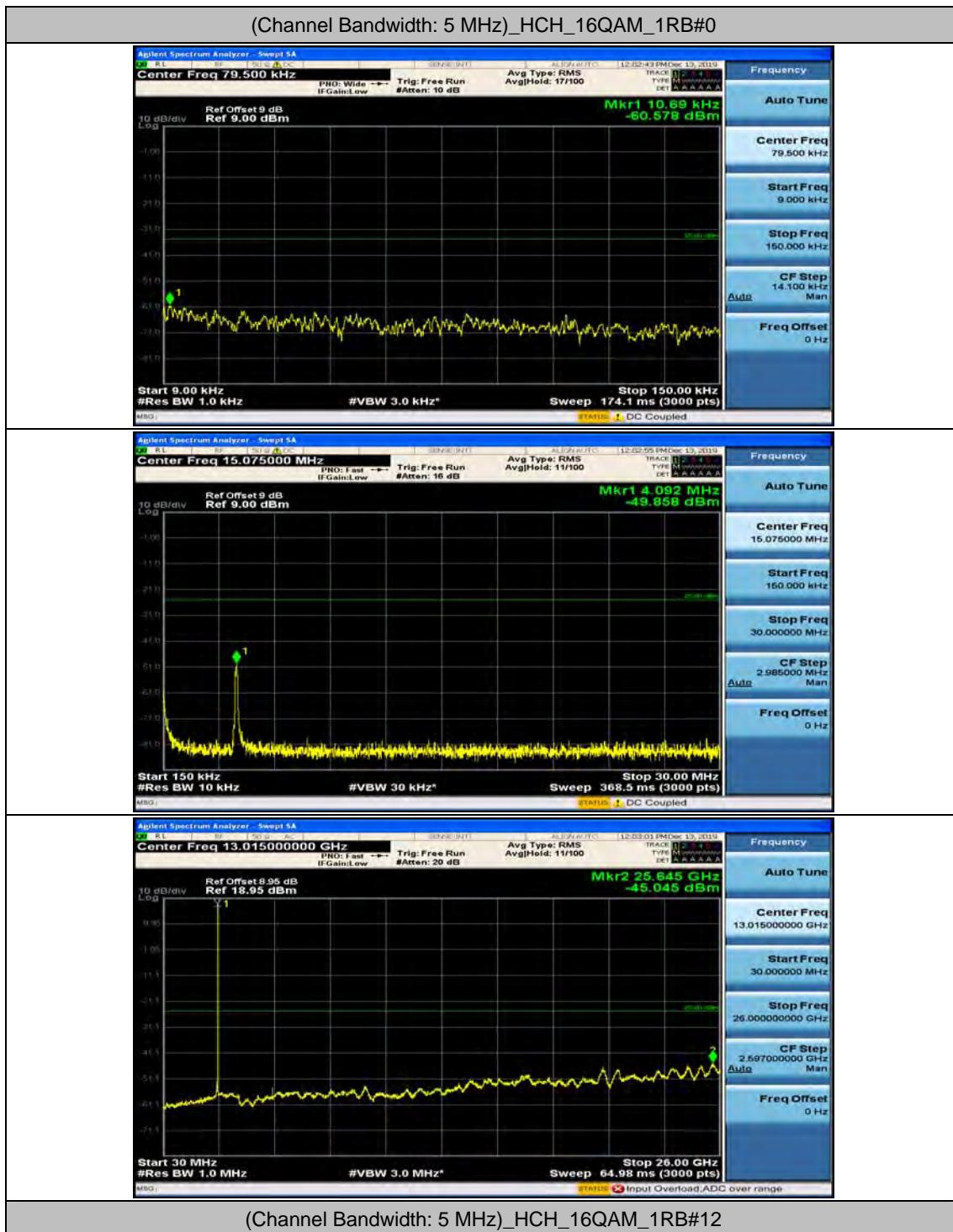


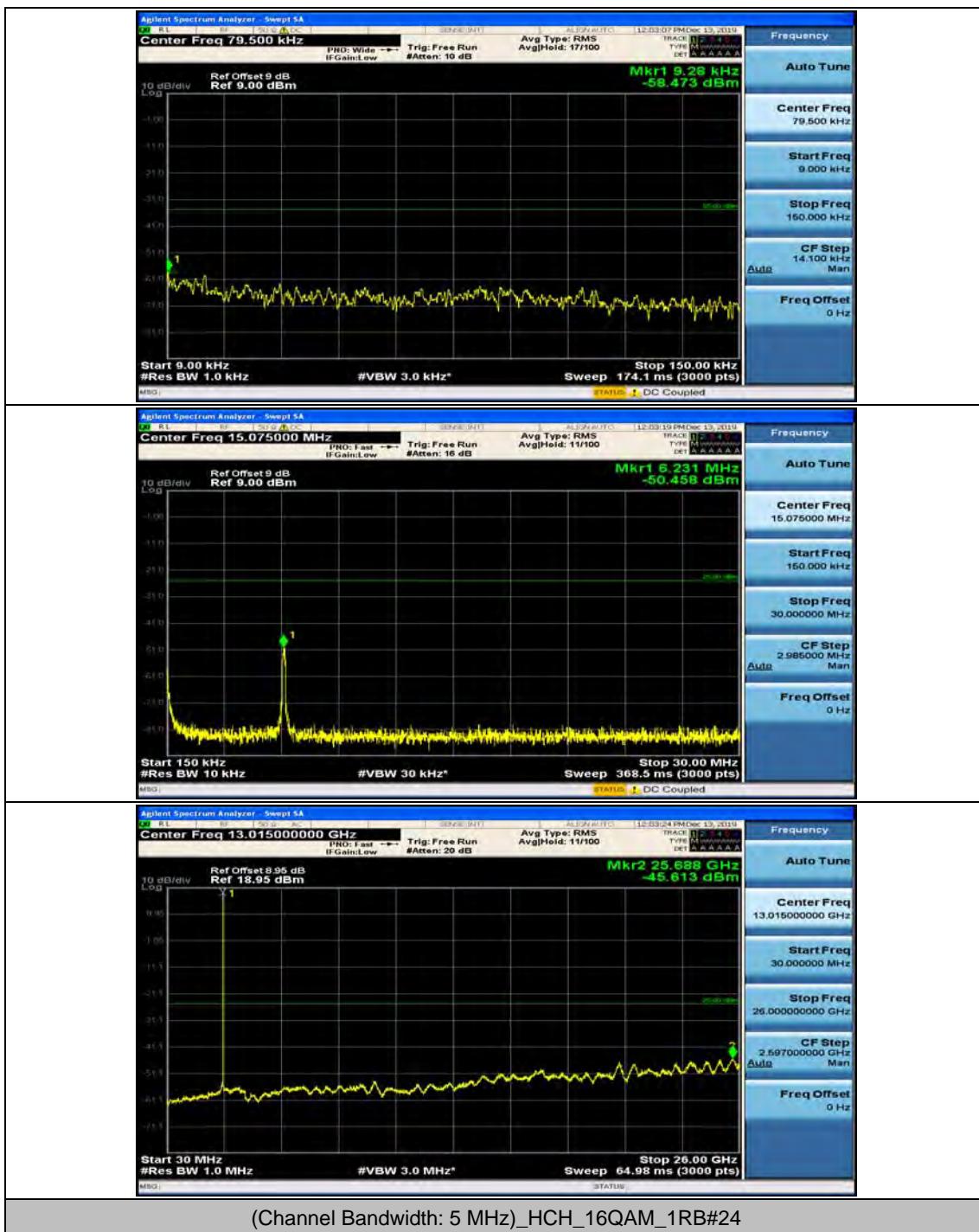


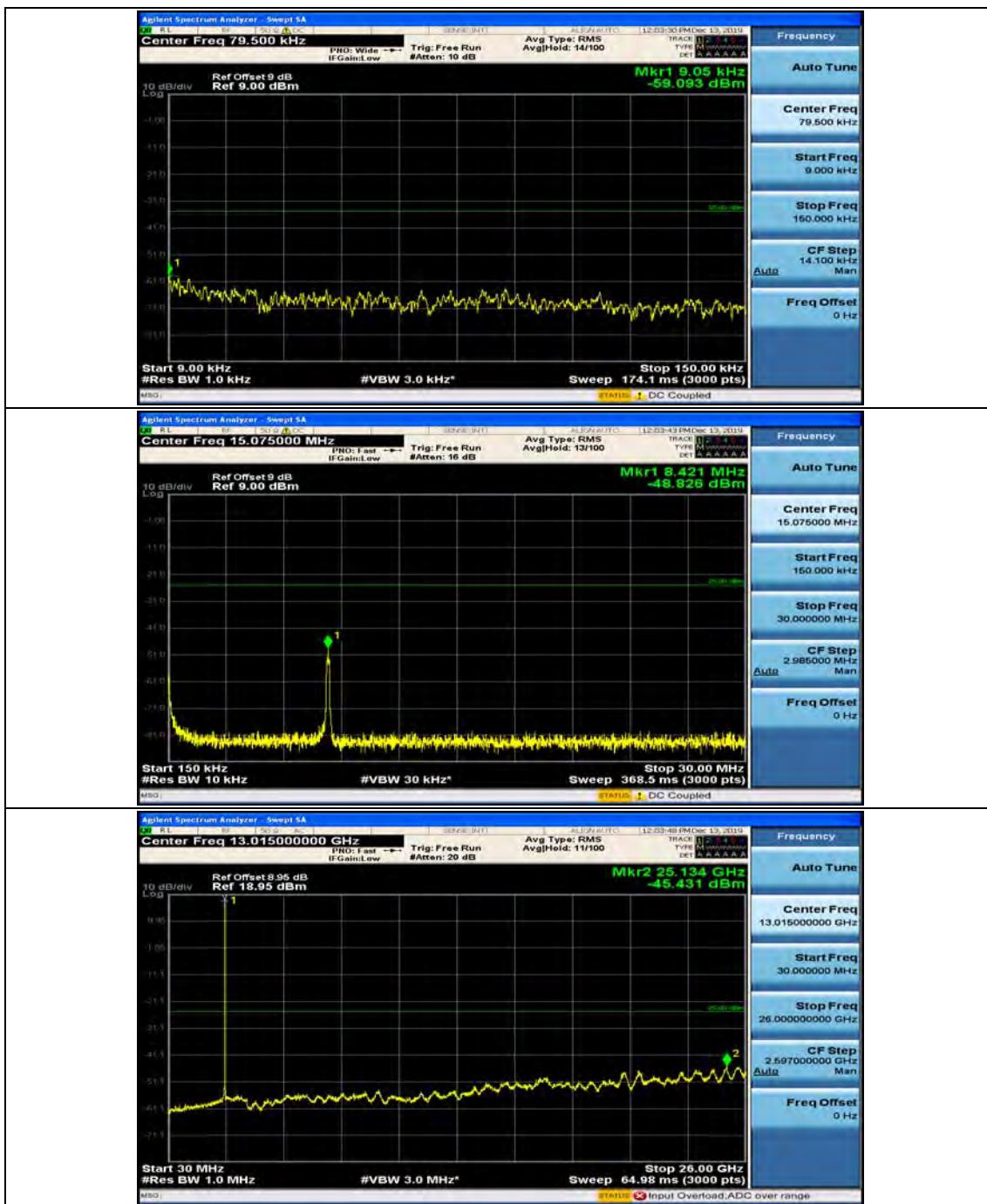












Channel Bandwidth: 10 MHz

