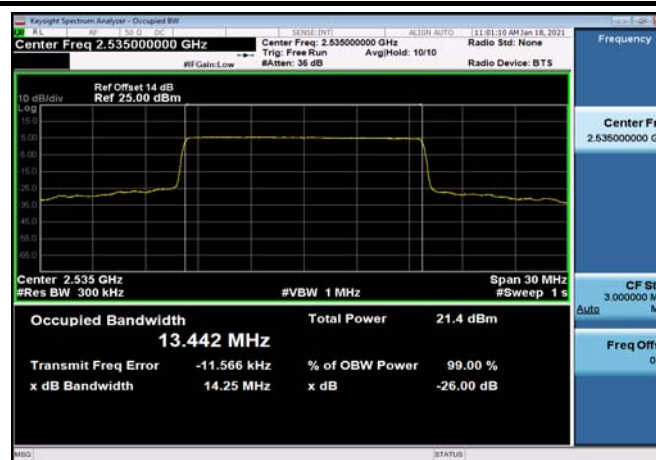
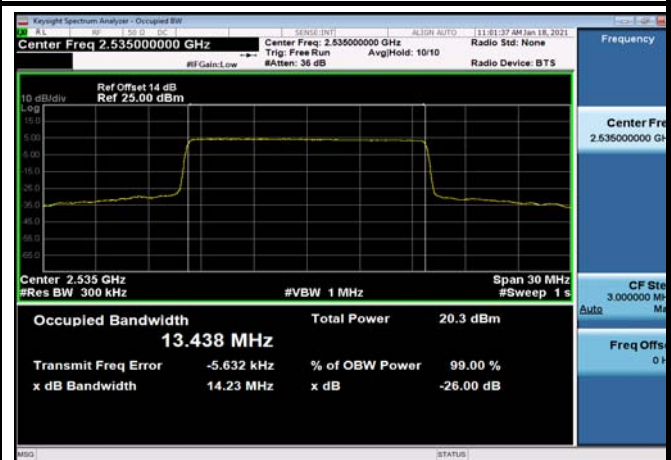




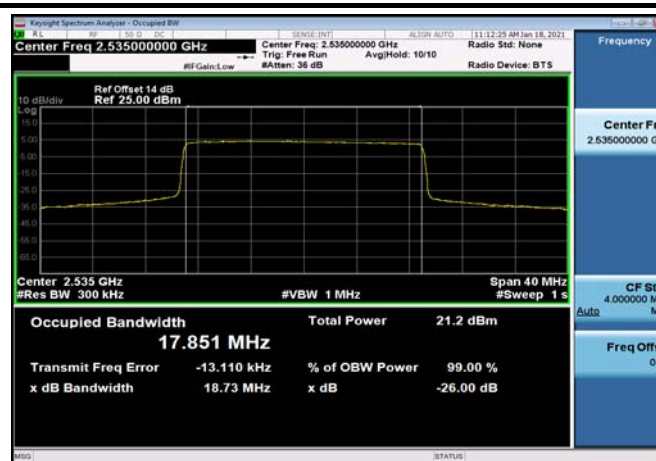
FDD07_MidRange_15MHz_2535MHz_QPSK



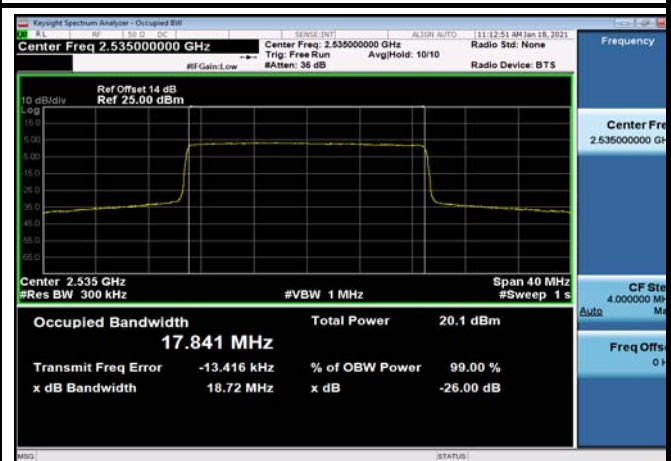
FDD07_MidRange_15MHz_2535MHz_Q16



FDD07_MidRange_20MHz_2535MHz_QPSK



FDD07_MidRange_20MHz_2535MHz_Q16



**Frequency Stability**

Test Result and Data

Frequency Stability NormalTC_NormalVol									
Temperature	Voltage	Band	BandWidth (MHz)	RbMode	Modulation	Freq Error (Hz)	Freq Error (ppm)	Limit (ppm)	Result
Normal	Low	FDD02	10	fullRB	QPSK	-13.947	0.007	±2.5	Pass
Normal	Normal	FDD02	10	fullRB	QPSK	-15.635	0.008	±2.5	Pass
Normal	High	FDD02	10	fullRB	QPSK	-9.685	0.005	±2.5	Pass
50	Normal	FDD02	10	fullRB	QPSK	-15.879	0.008	±2.5	Pass
40	Normal	FDD02	10	fullRB	QPSK	-10.829	0.006	±2.5	Pass
30	Normal	FDD02	10	fullRB	QPSK	-10.729	0.006	±2.5	Pass
20	Normal	FDD02	10	fullRB	QPSK	-16.093	0.009	±2.5	Pass
10	Normal	FDD02	10	fullRB	QPSK	-10.972	0.006	±2.5	Pass
0	Normal	FDD02	10	fullRB	QPSK	-11.086	0.006	±2.5	Pass
-10	Normal	FDD02	10	fullRB	QPSK	-18.353	0.010	±2.5	Pass
-20	Normal	FDD02	10	fullRB	QPSK	-11.773	0.006	±2.5	Pass
-30	Normal	FDD02	10	fullRB	QPSK	-17.638	0.009	±2.5	Pass
Normal	Low	FDD04	10	fullRB	QPSK	8.097	0.005	±2.5	Pass
Normal	Normal	FDD04	10	fullRB	QPSK	-7.296	0.004	±2.5	Pass
Normal	High	FDD04	10	fullRB	QPSK	-7.339	0.004	±2.5	Pass
50	Normal	FDD04	10	fullRB	QPSK	8.655	0.005	±2.5	Pass
40	Normal	FDD04	10	fullRB	QPSK	-11.158	0.006	±2.5	Pass
30	Normal	FDD04	10	fullRB	QPSK	-8.740	0.005	±2.5	Pass
20	Normal	FDD04	10	fullRB	QPSK	-10.371	0.006	±2.5	Pass
10	Normal	FDD04	10	fullRB	QPSK	9.570	0.006	±2.5	Pass
0	Normal	FDD04	10	fullRB	QPSK	-13.275	0.008	±2.5	Pass
-10	Normal	FDD04	10	fullRB	QPSK	-13.132	0.008	±2.5	Pass
-20	Normal	FDD04	10	fullRB	QPSK	-7.381	0.004	±2.5	Pass
-30	Normal	FDD04	10	fullRB	QPSK	-8.283	0.005	±2.5	Pass
Normal	Low	FDD05	10	fullRB	QPSK	-9.413	0.011	±2.5	Pass



Normal	Normal	FDD05	10	fullRB	QPSK	-10.428	0.012	± 2.5	Pass
Normal	High	FDD05	10	fullRB	QPSK	-9.656	0.012	± 2.5	Pass
50	Normal	FDD05	10	fullRB	QPSK	-11.930	0.014	± 2.5	Pass
40	Normal	FDD05	10	fullRB	QPSK	-11.859	0.014	± 2.5	Pass
30	Normal	FDD05	10	fullRB	QPSK	-8.068	0.010	± 2.5	Pass
20	Normal	FDD05	10	fullRB	QPSK	-11.744	0.014	± 2.5	Pass
10	Normal	FDD05	10	fullRB	QPSK	-11.730	0.014	± 2.5	Pass
0	Normal	FDD05	10	fullRB	QPSK	-8.240	0.010	± 2.5	Pass
-10	Normal	FDD05	10	fullRB	QPSK	-10.986	0.013	± 2.5	Pass
-20	Normal	FDD05	10	fullRB	QPSK	-8.769	0.010	± 2.5	Pass
-30	Normal	FDD05	10	fullRB	QPSK	-9.069	0.011	± 2.5	Pass
Normal	Low	FDD07	10	fullRB	QPSK	-12.345	0.005	± 2.5	Pass
Normal	Normal	FDD07	10	fullRB	QPSK	-12.832	0.004	± 2.5	Pass
Normal	High	FDD07	10	fullRB	QPSK	-12.531	0.006	± 2.5	Pass
50	Normal	FDD07	10	fullRB	QPSK	-12.045	0.006	± 2.5	Pass
40	Normal	FDD07	10	fullRB	QPSK	-7.510	0.008	± 2.5	Pass
30	Normal	FDD07	10	fullRB	QPSK	-10.872	0.007	± 2.5	Pass
20	Normal	FDD07	10	fullRB	QPSK	-15.492	0.007	± 2.5	Pass
10	Normal	FDD07	10	fullRB	QPSK	-10.386	0.007	± 2.5	Pass
0	Normal	FDD07	10	fullRB	QPSK	-10.371	0.007	± 2.5	Pass
-10	Normal	FDD07	10	fullRB	QPSK	-13.318	0.012	± 2.5	Pass
-20	Normal	FDD07	10	fullRB	QPSK	-10.657	0.008	± 2.5	Pass
-30	Normal	FDD07	10	fullRB	QPSK	-14.548	0.012	± 2.5	Pass
Normal	Low	FDD12	10	fullRB	QPSK	-6.394	0.009	± 2.5	Pass
Normal	Normal	FDD12	10	fullRB	QPSK	-8.240	0.012	± 2.5	Pass
Normal	High	FDD12	10	fullRB	QPSK	-10.200	0.014	± 2.5	Pass
50	Normal	FDD12	10	fullRB	QPSK	-12.302	0.017	± 2.5	Pass
40	Normal	FDD12	10	fullRB	QPSK	-9.885	0.014	± 2.5	Pass
30	Normal	FDD12	10	fullRB	QPSK	-12.074	0.017	± 2.5	Pass
20	Normal	FDD12	10	fullRB	QPSK	-12.817	0.018	± 2.5	Pass
10	Normal	FDD12	10	fullRB	QPSK	-13.261	0.019	± 2.5	Pass
0	Normal	FDD12	10	fullRB	QPSK	-7.839	0.011	± 2.5	Pass



-10	Normal	FDD12	10	fullRB	QPSK	-10.657	0.015	± 2.5	Pass
-20	Normal	FDD12	10	fullRB	QPSK	-13.089	0.019	± 2.5	Pass
-30	Normal	FDD12	10	fullRB	QPSK	-12.345	0.017	± 2.5	Pass
Normal	Low	FDD17	10	fullRB	QPSK	-13.819	0.019	± 2.5	Pass
Normal	Normal	FDD17	10	fullRB	QPSK	-9.842	0.014	± 2.5	Pass
Normal	High	FDD17	10	fullRB	QPSK	-8.311	0.012	± 2.5	Pass
50	Normal	FDD17	10	fullRB	QPSK	-11.158	0.016	± 2.5	Pass
40	Normal	FDD17	10	fullRB	QPSK	-10.886	0.015	± 2.5	Pass
30	Normal	FDD17	10	fullRB	QPSK	-12.374	0.017	± 2.5	Pass
20	Normal	FDD17	10	fullRB	QPSK	-13.132	0.018	± 2.5	Pass
10	Normal	FDD17	10	fullRB	QPSK	-14.791	0.021	± 2.5	Pass
0	Normal	FDD17	10	fullRB	QPSK	-11.144	0.016	± 2.5	Pass
-10	Normal	FDD17	10	fullRB	QPSK	-8.283	0.012	± 2.5	Pass
-20	Normal	FDD17	10	fullRB	QPSK	-5.851	0.008	± 2.5	Pass
-30	Normal	FDD17	10	fullRB	QPSK	-7.982	0.011	± 2.5	Pass

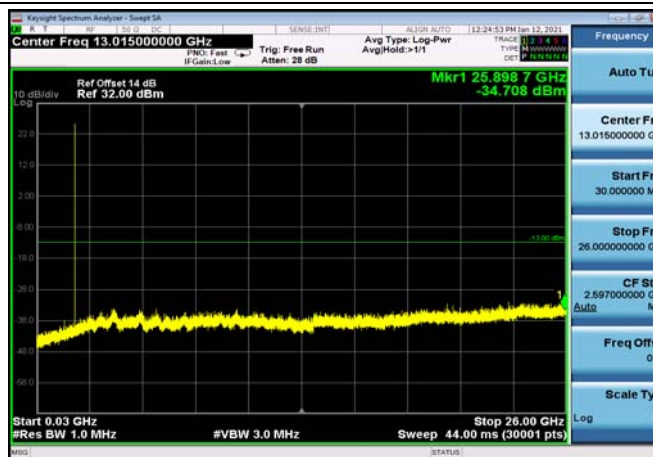
Note: Normal=3.8V, Low=3.5V, High=4.35V



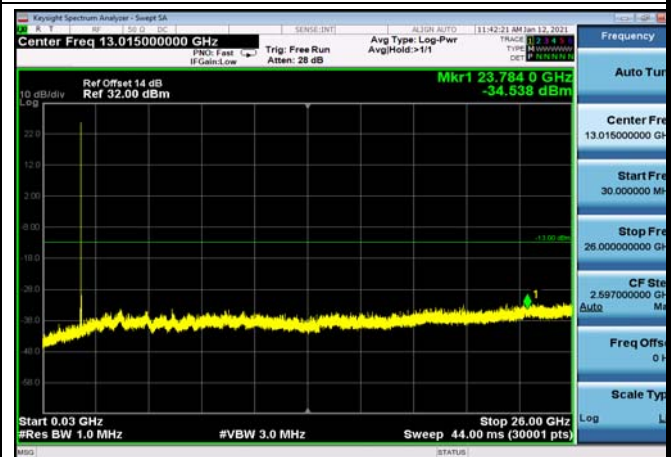
Conducted Out of Band Emissions

Test Result and Data

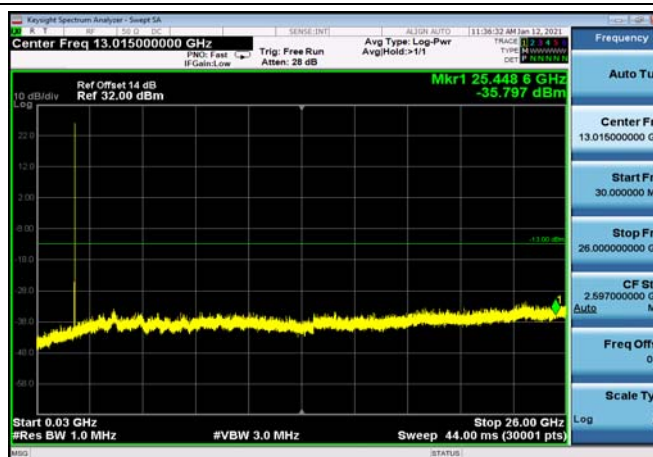
FDD02_HighRange_1.4MHz_30MHz~26GHz



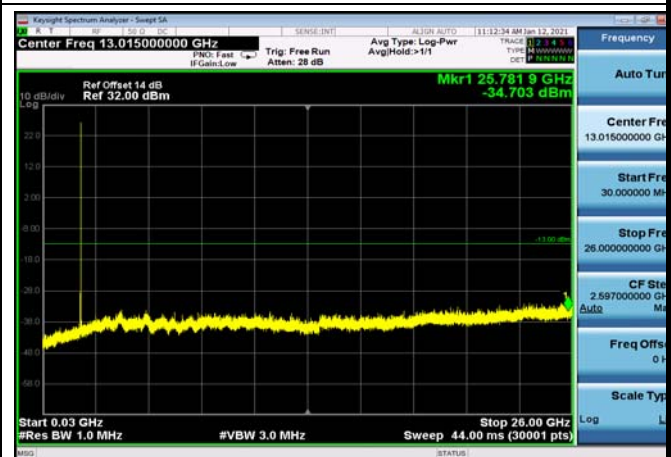
FDD02_HighRange_10MHz_30MHz~26GHz



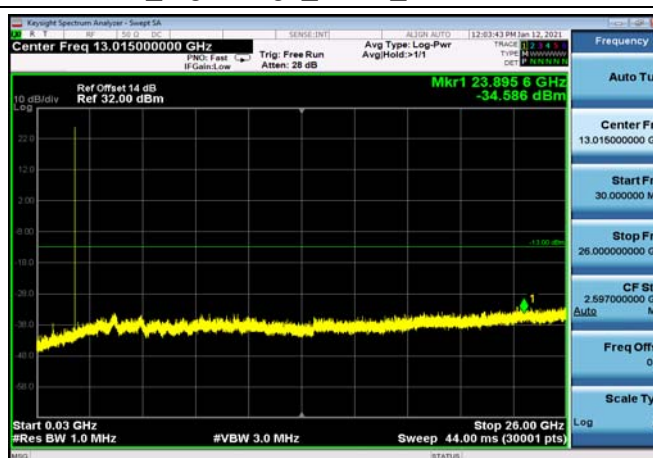
FDD02_HighRange_15MHz_30MHz~26GHz



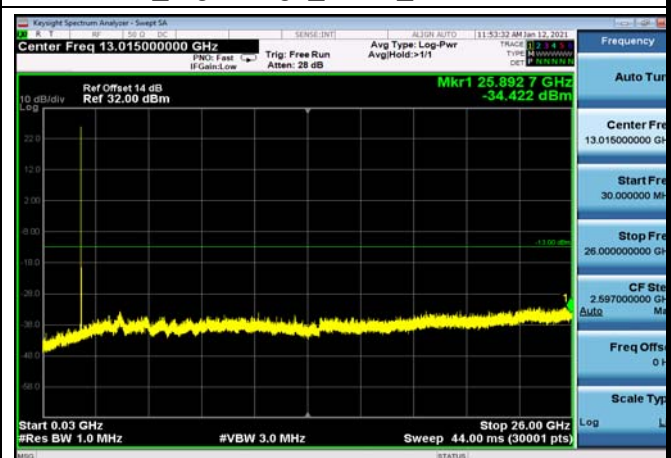
FDD02_HighRange_20MHz_30MHz~26GHz



FDD02_HighRange_3MHz_30MHz~26GHz

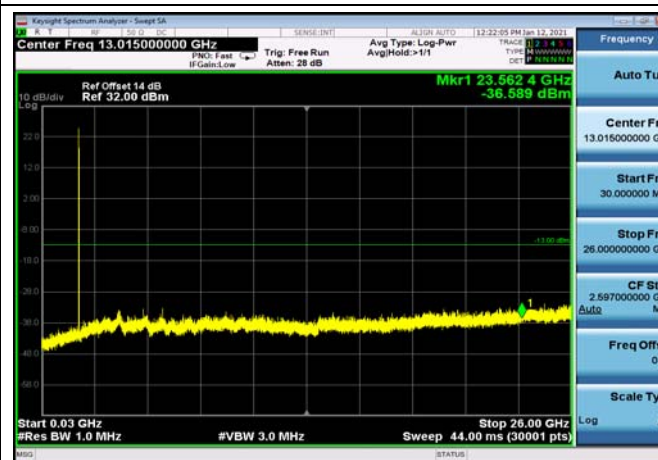


FDD02_HighRange_5MHz_30MHz~26GHz

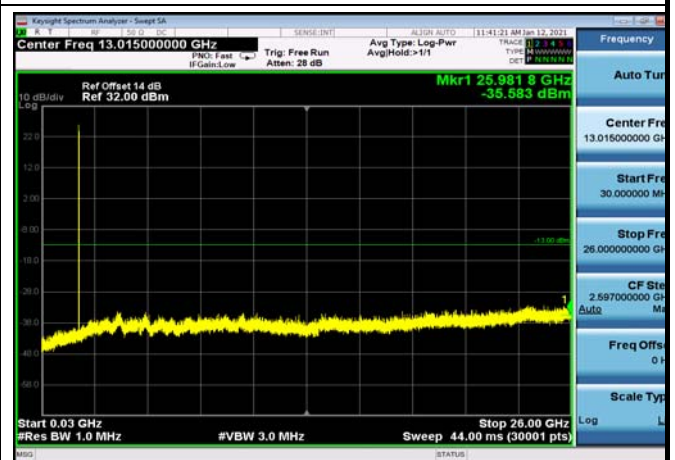




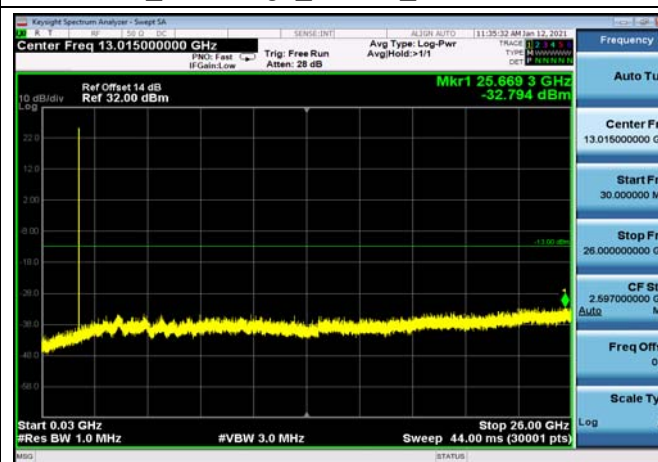
FDD02_LowRange_1.4MHz_30MHz~26GHz



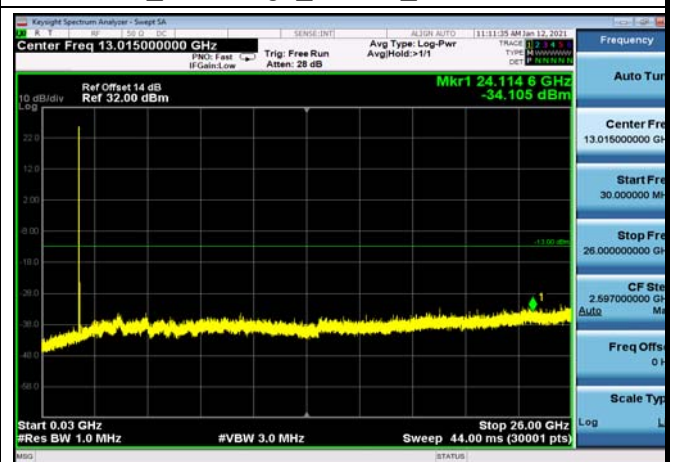
FDD02_LowRange_10MHz_30MHz~26GHz



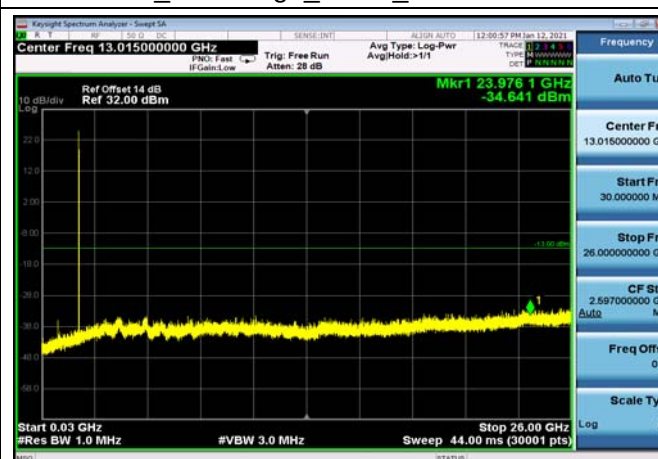
FDD02_LowRange_15MHz_30MHz~26GHz



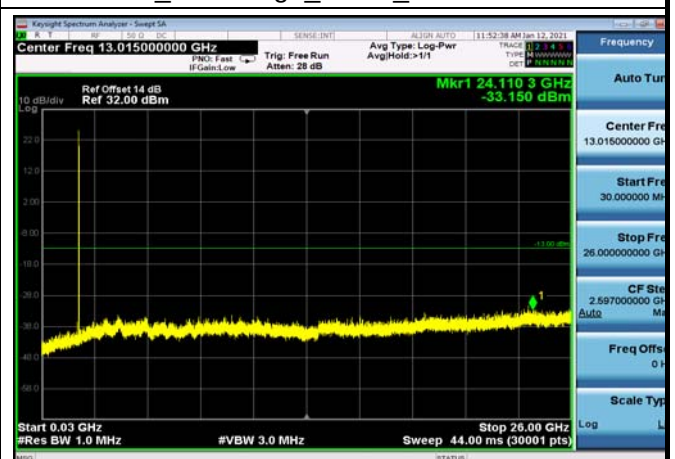
FDD02_LowRange_20MHz_30MHz~26GHz



FDD02_LowRange_3MHz_30MHz~26GHz

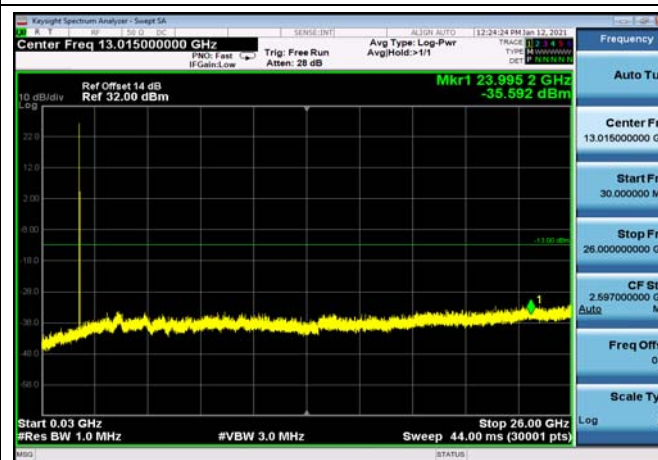


FDD02_LowRange_5MHz_30MHz~26GHz

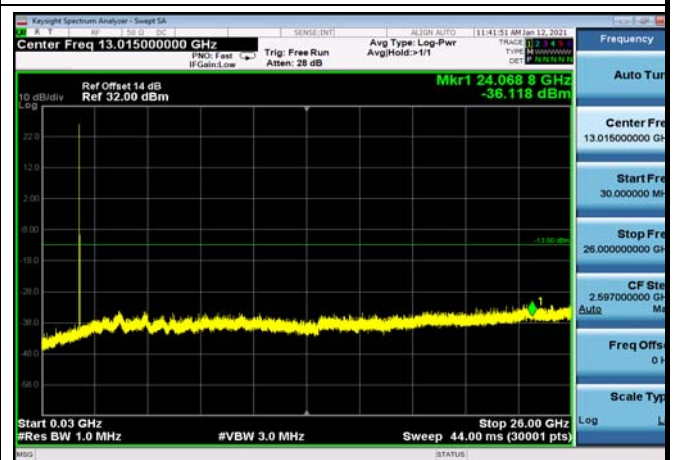




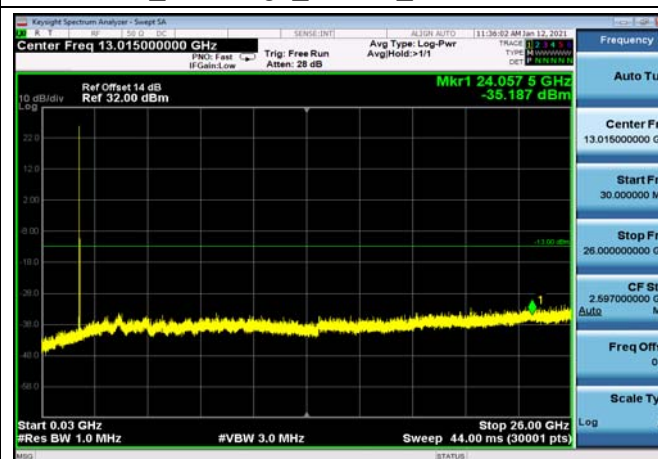
FDD02_MidRange_1.4MHz_30MHz~26GHz



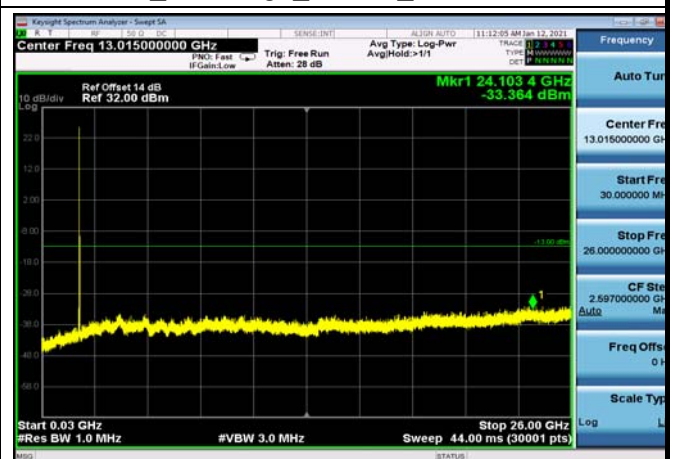
FDD02_MidRange_10MHz_30MHz~26GHz



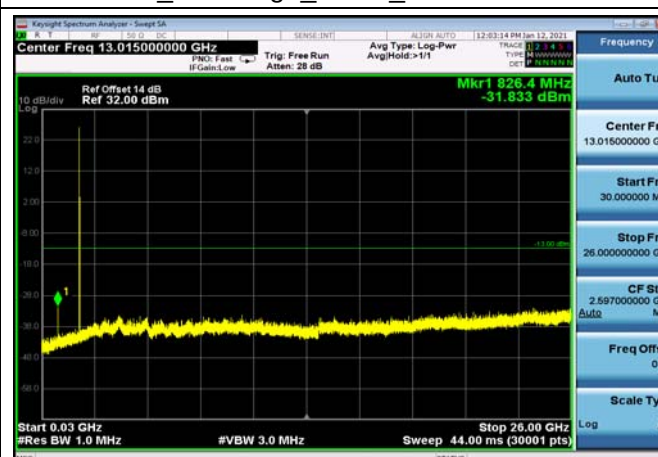
FDD02_MidRange_15MHz_30MHz~26GHz



FDD02_MidRange_20MHz_30MHz~26GHz



FDD02_MidRange_3MHz_30MHz~26GHz

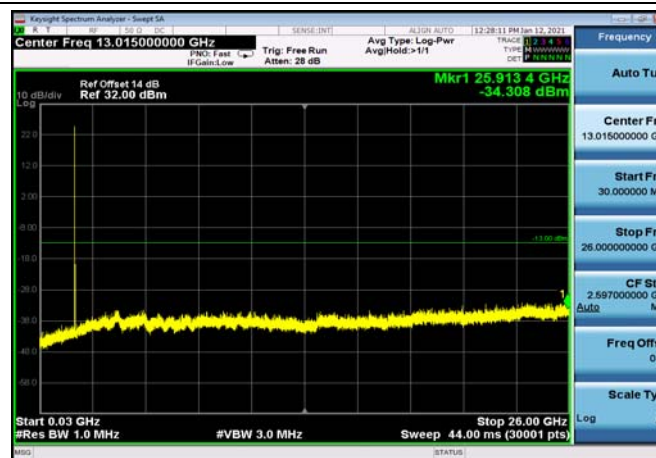


FDD02_MidRange_5MHz_30MHz~26GHz

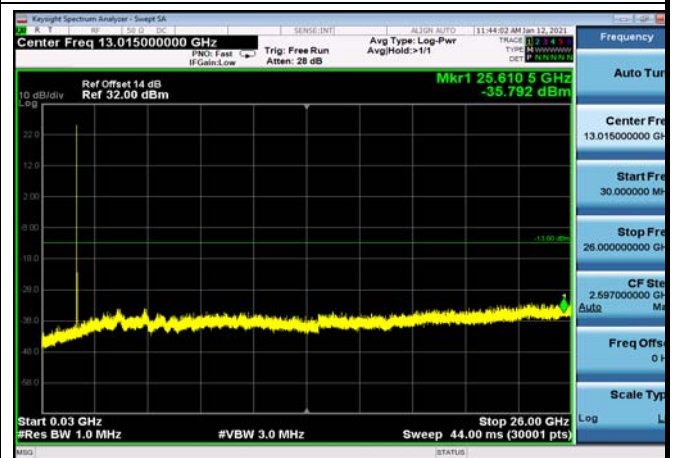




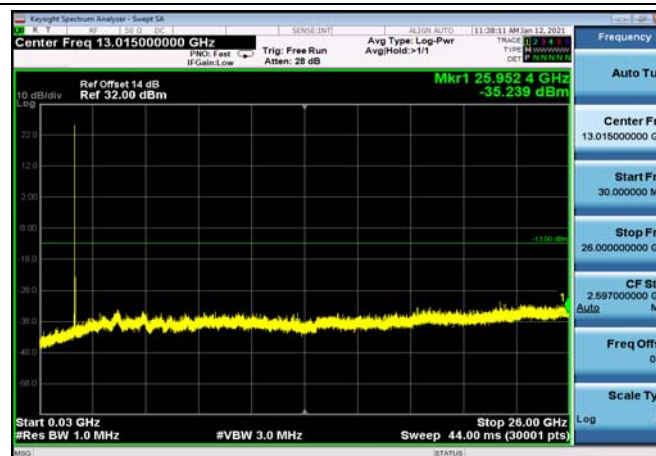
FDD04_HighRange_1.4MHz_30MHz~26GHz



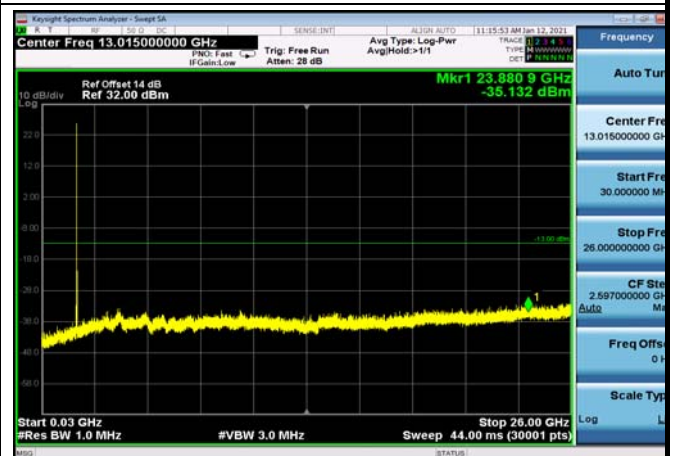
FDD04_HighRange_10MHz_30MHz~26GHz



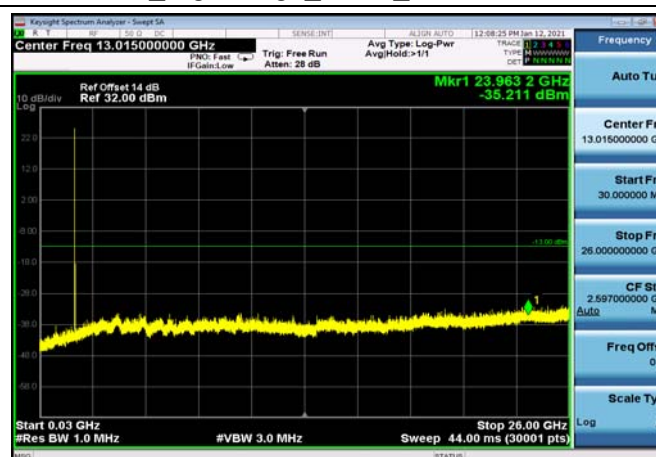
FDD04_HighRange_15MHz_30MHz~26GHz



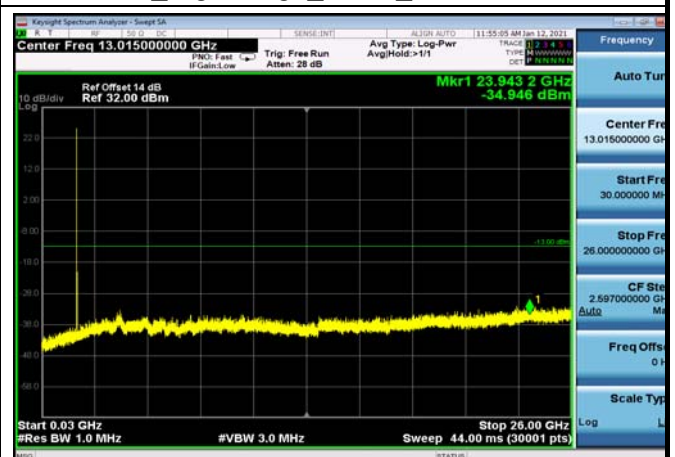
FDD04_HighRange_20MHz_30MHz~26GHz



FDD04_HighRange_3MHz_30MHz~26GHz

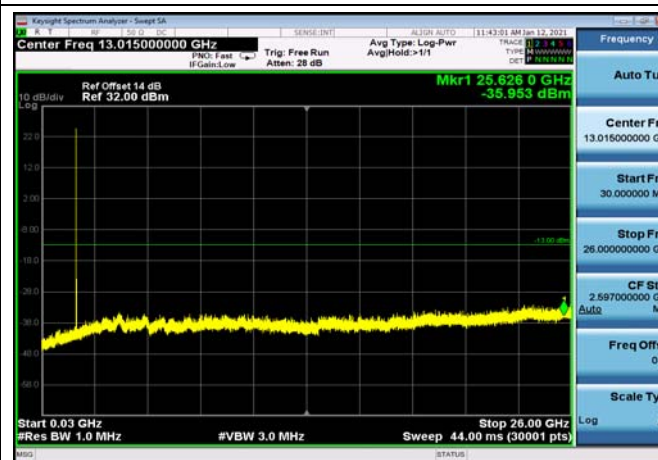


FDD04_HighRange_5MHz_30MHz~26GHz

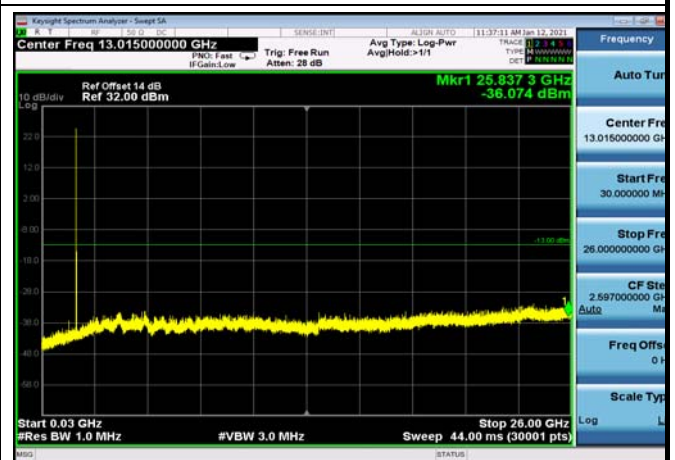




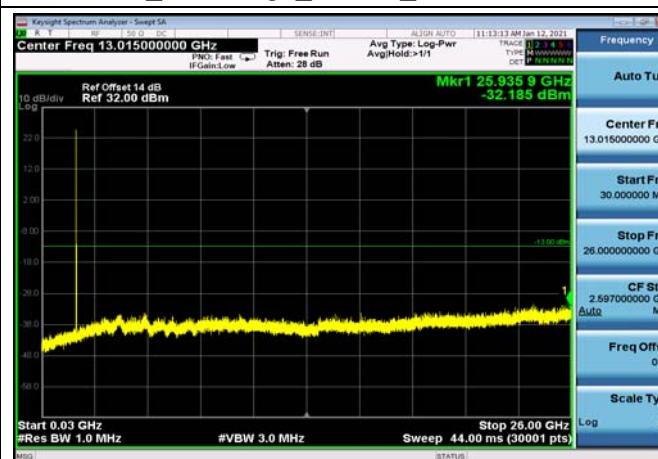
FDD04_LowRange_10MHz_30MHz~26GHz



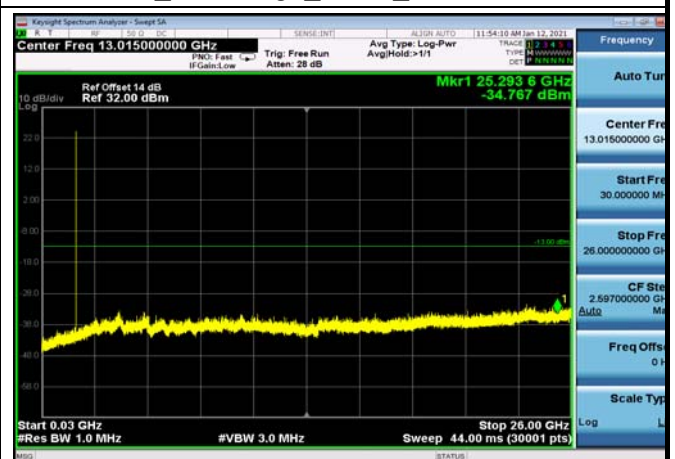
FDD04_LowRange_15MHz_30MHz~26GHz



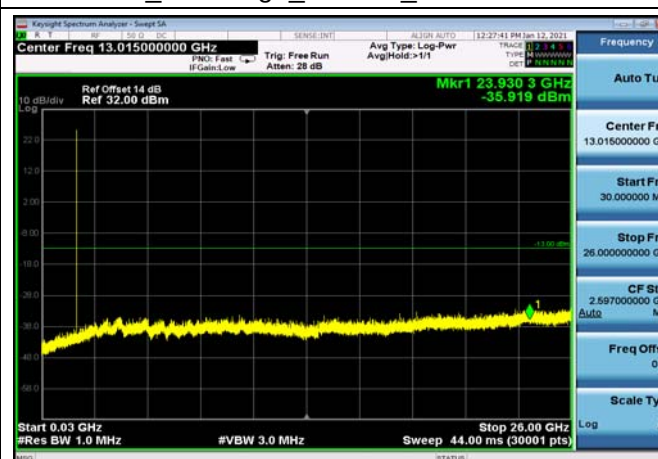
FDD04_LowRange_20MHz_30MHz~26GHz



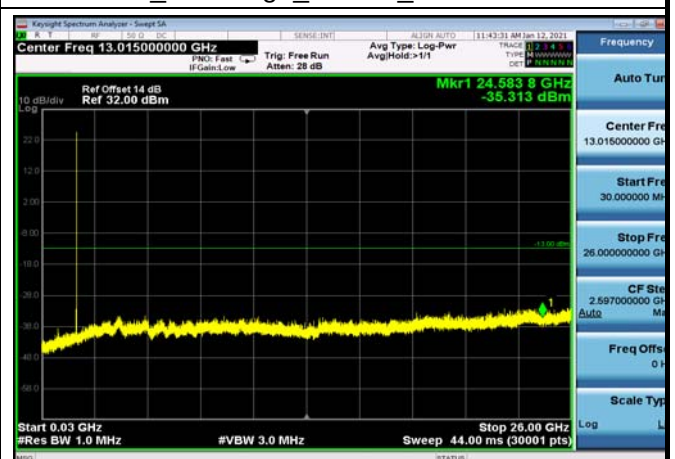
FDD04_LowRange_5MHz_30MHz~26GHz



FDD04_MidRange_1.4MHz_30MHz~26GHz

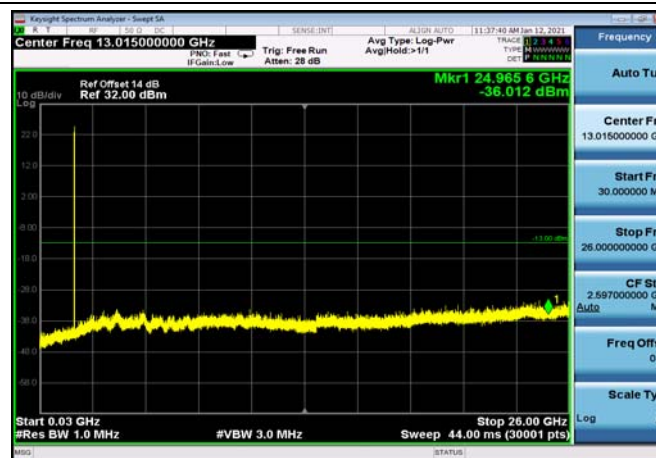


FDD04_MidRange_10MHz_30MHz~26GHz

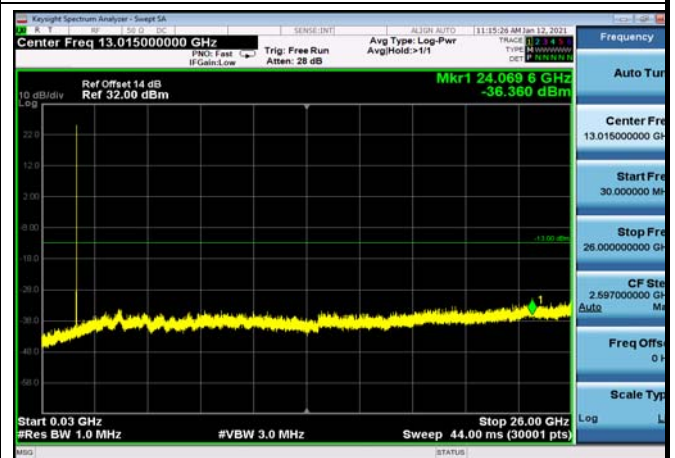




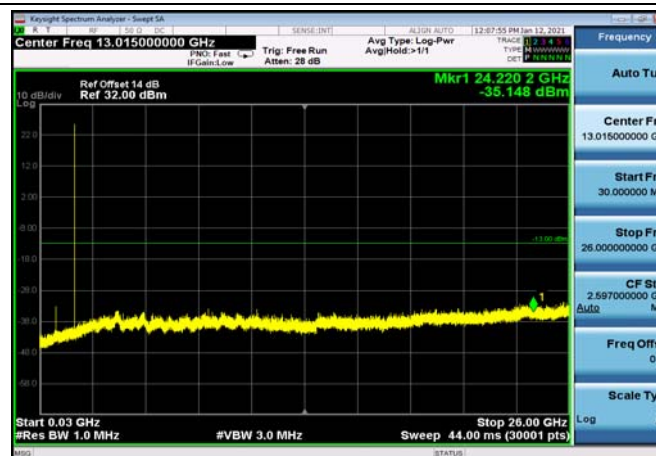
FDD04_MidRange_15MHz_30MHz~26GHz



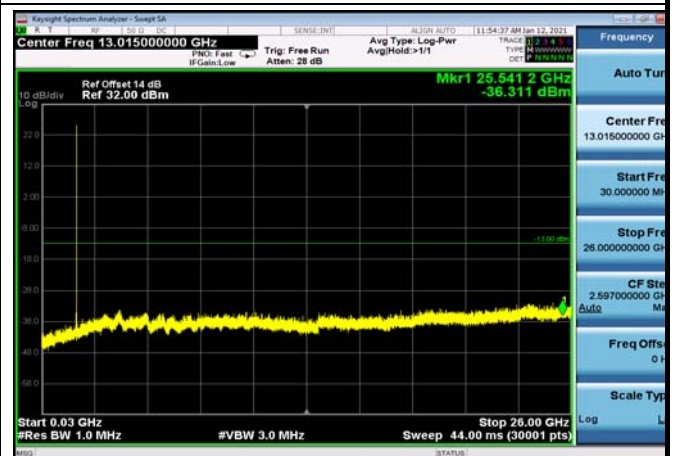
FDD04_MidRange_20MHz_30MHz~26GHz



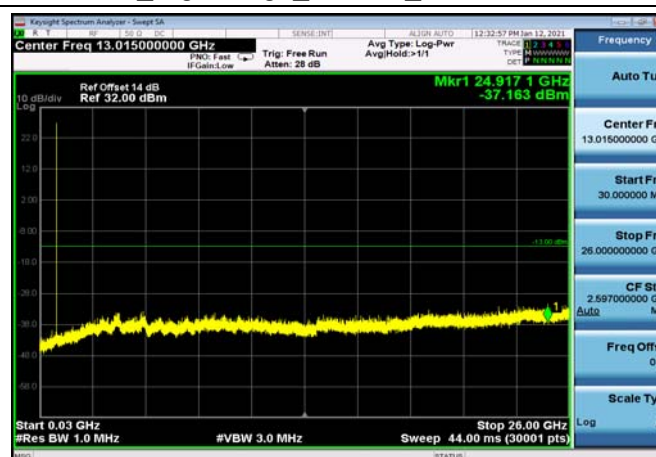
FDD04_MidRange_3MHz_30MHz~26GHz



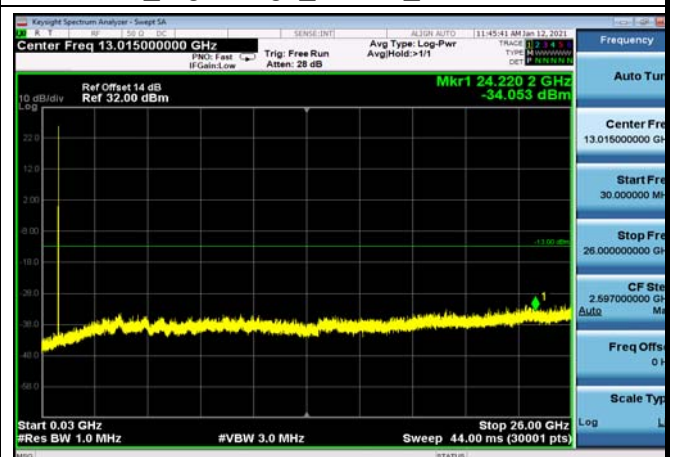
FDD04_MidRange_5MHz_30MHz~26GHz



FDD05_HighRange_1.4MHz_30MHz~26GHz

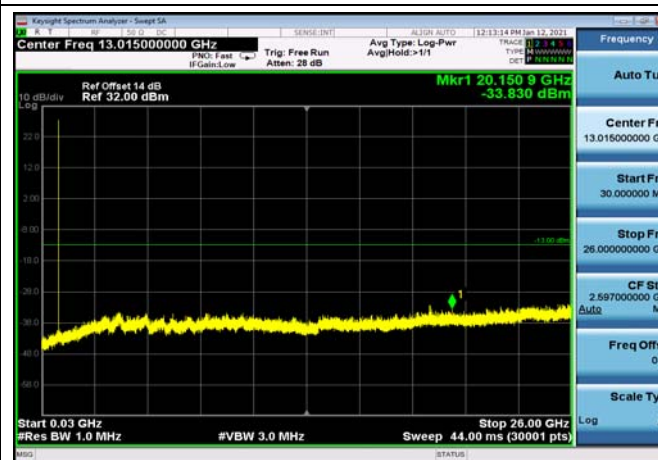


FDD05_HighRange_10MHz_30MHz~26GHz

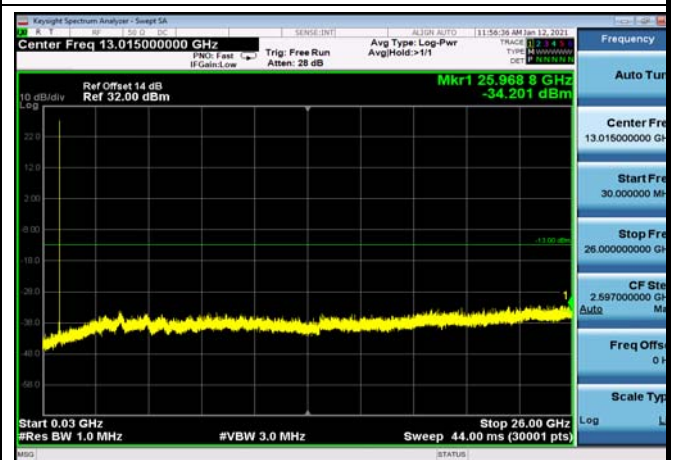




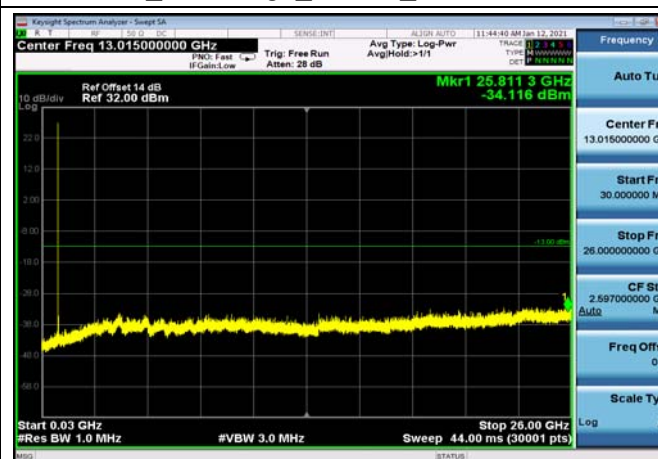
FDD05_HighRange_3MHz_30MHz~26GHz



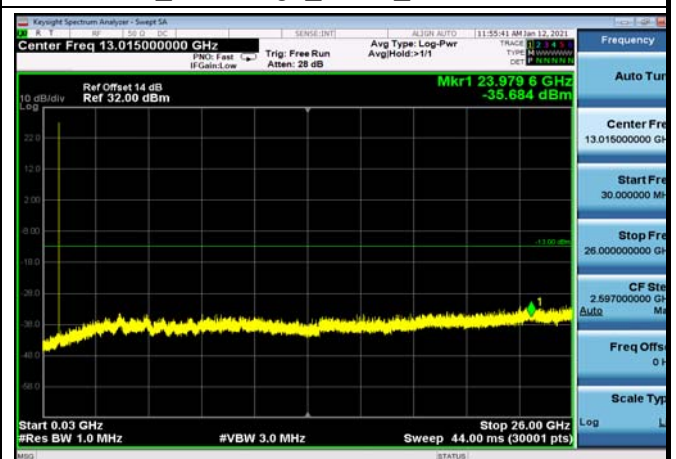
FDD05_HighRange_5MHz_30MHz~26GHz



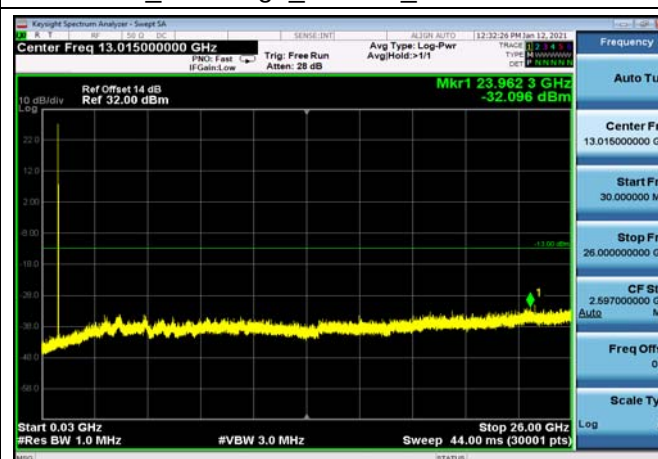
FDD05_LowRange_10MHz_30MHz~26GHz



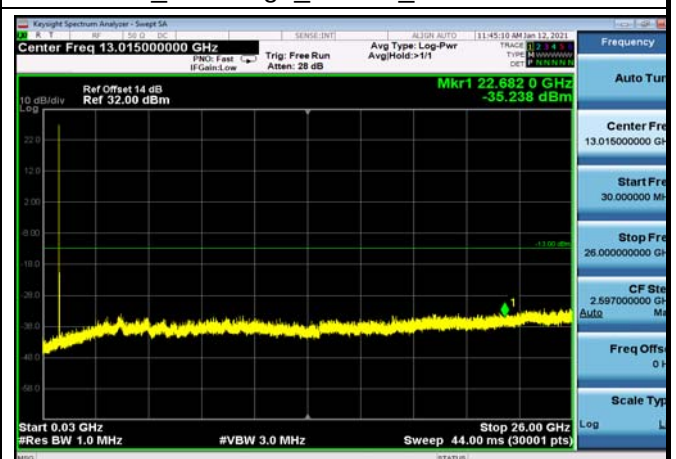
FDD05_LowRange_5MHz_30MHz~26GHz



FDD05_MidRange_1.4MHz_30MHz~26GHz

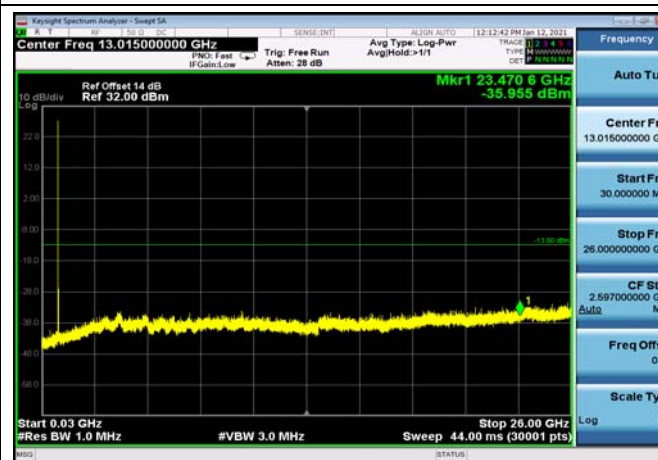


FDD05_MidRange_10MHz_30MHz~26GHz

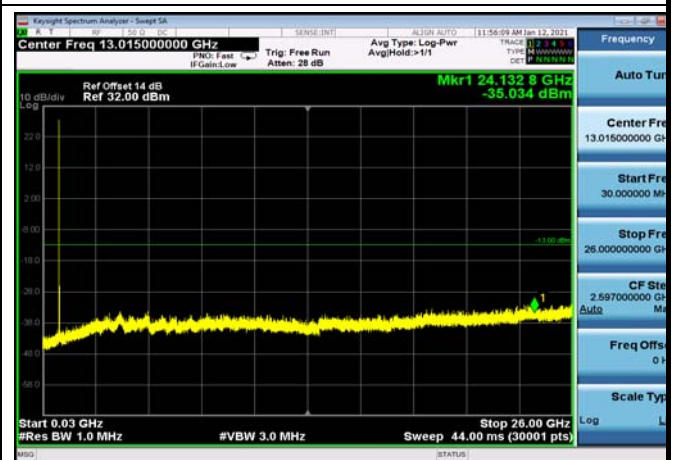




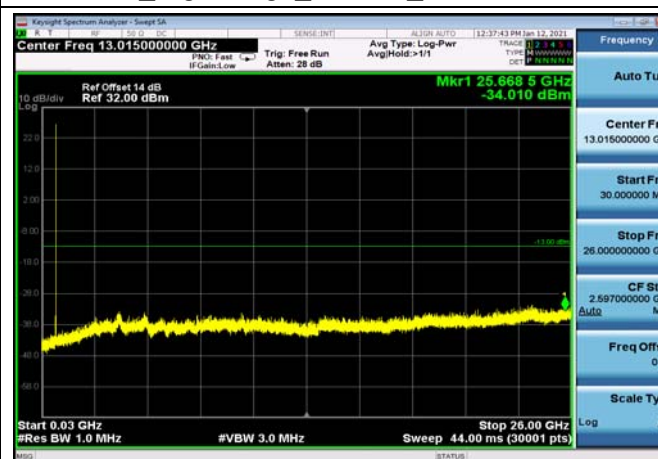
FDD05_MidRange_3MHz_30MHz~26GHz



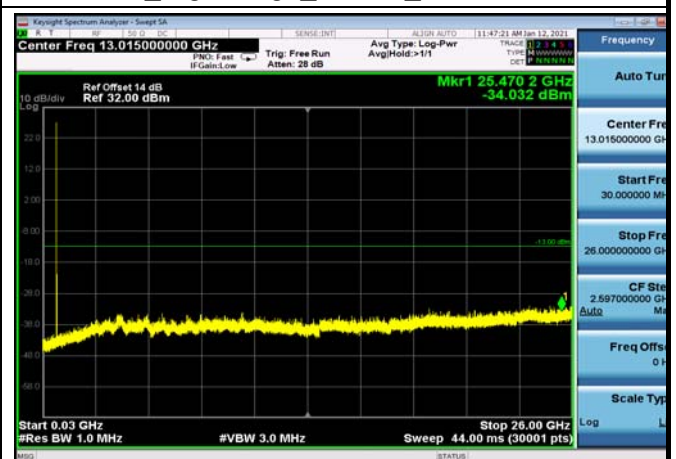
FDD05_MidRange_5MHz_30MHz~26GHz



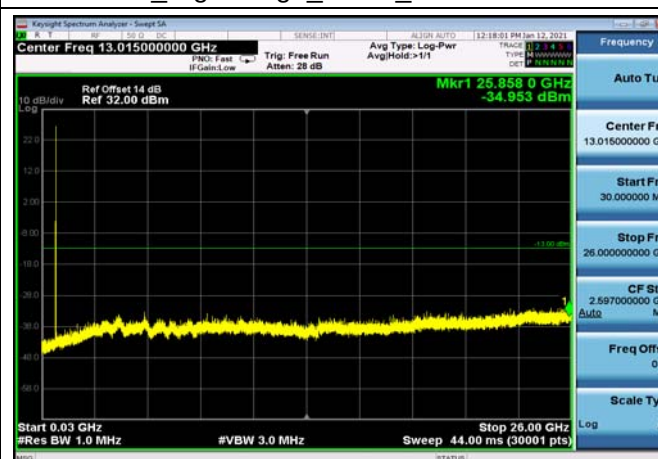
FDD12_HighRange_1.4MHz_30MHz~26GHz



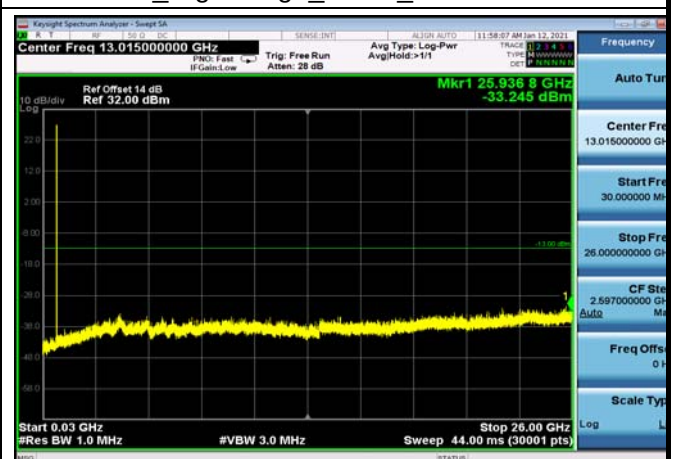
FDD12_HighRange_10MHz_30MHz~26GHz



FDD12_HighRange_3MHz_30MHz~26GHz

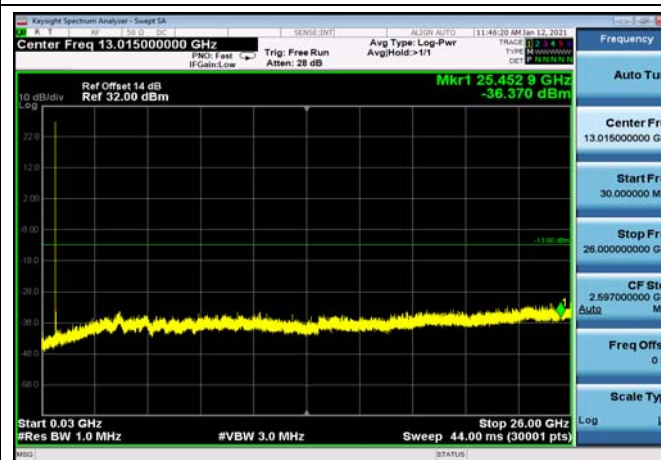


FDD12_HighRange_5MHz_30MHz~26GHz

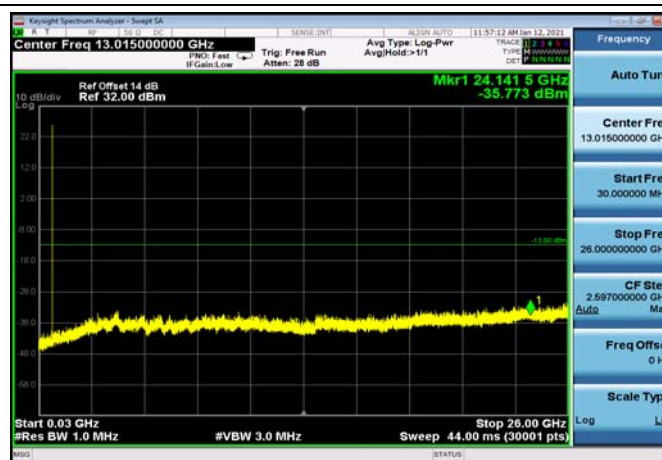




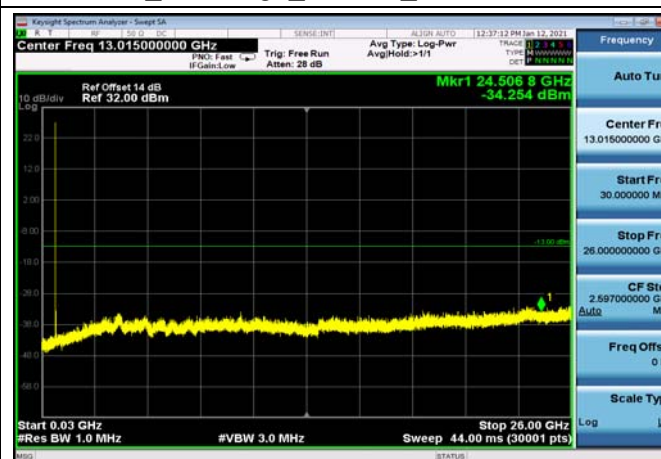
FDD12_LowRange_10MHz_30MHz~26GHz



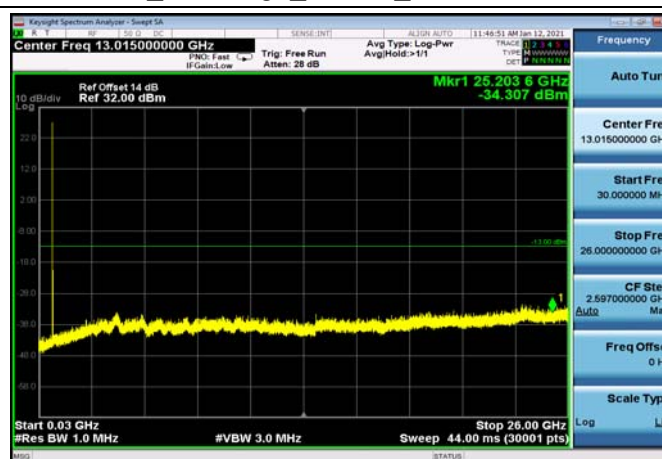
FDD12_LowRange_5MHz_30MHz~26GHz



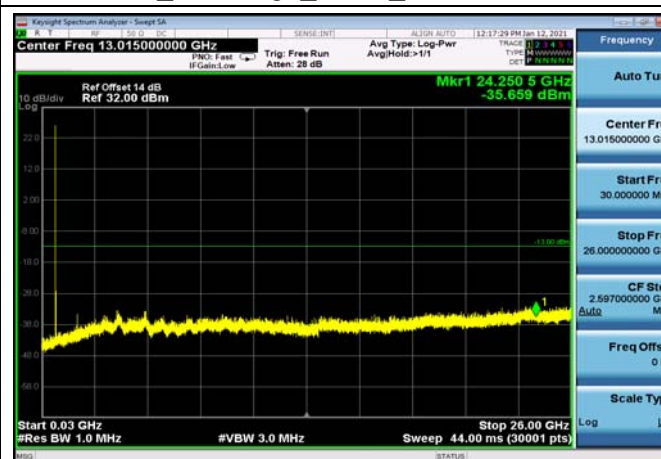
FDD12_MidRange_1.4MHz_30MHz~26GHz



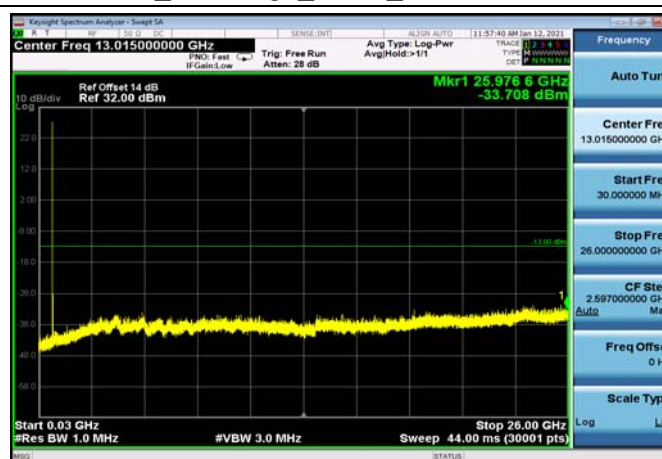
FDD12_MidRange_10MHz_30MHz~26GHz



FDD12_MidRange_3MHz_30MHz~26GHz

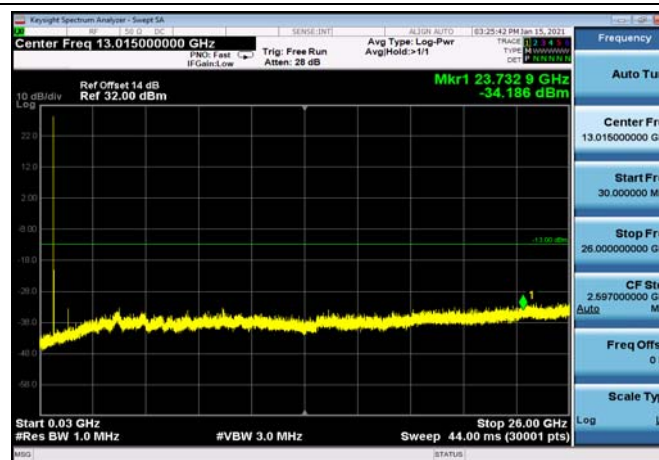


FDD12_MidRange_5MHz_30MHz~26GHz

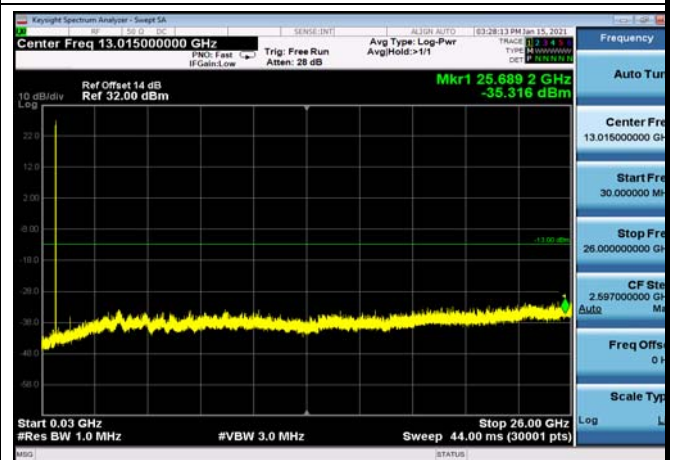




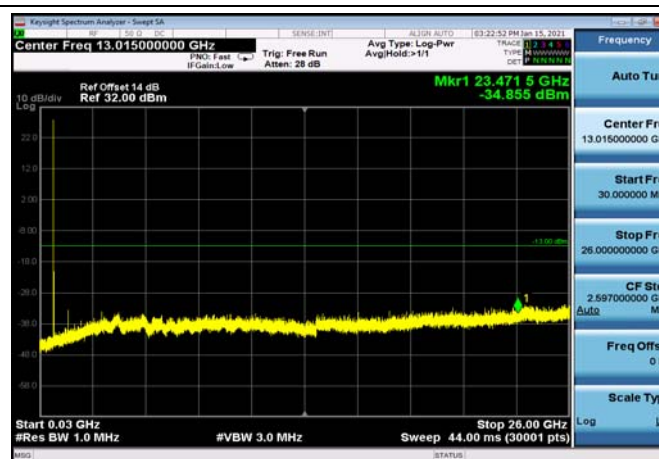
FDD17_HighRange_10MHz_30MHz~26GHz



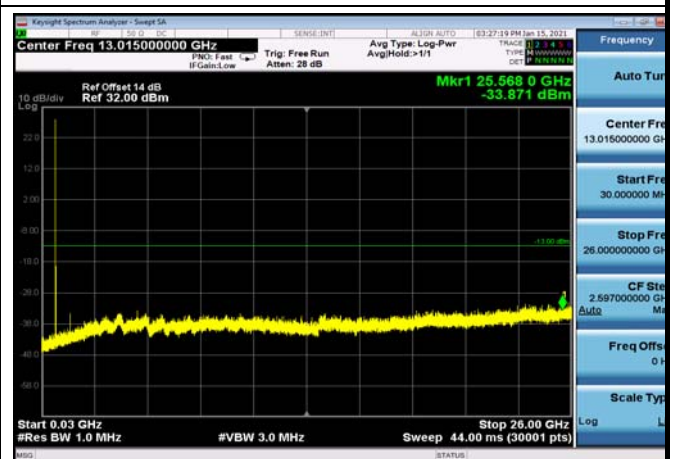
FDD17_HighRange_5MHz_30MHz~26GHz



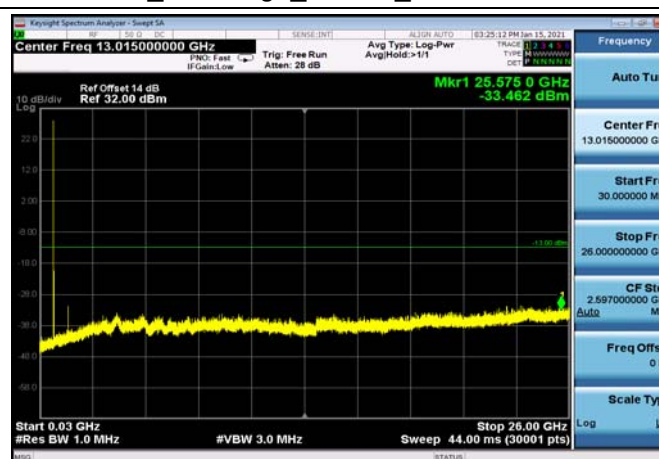
FDD17_LowRange_10MHz_30MHz~26GHz



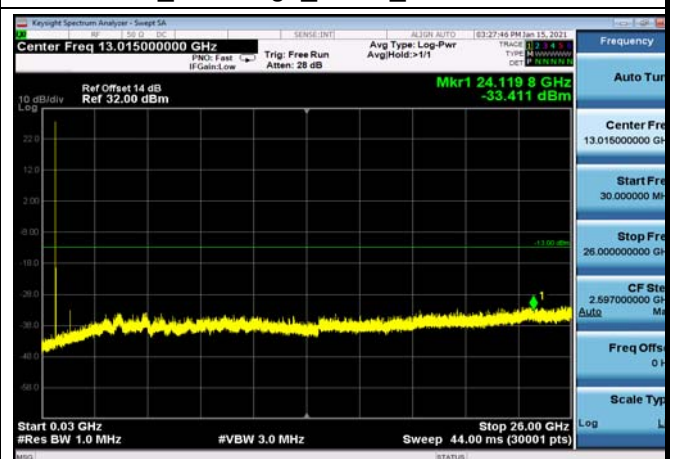
FDD17_LowRange_5MHz_30MHz~26GHz



FDD17_MidRange_10MHz_30MHz~26GHz

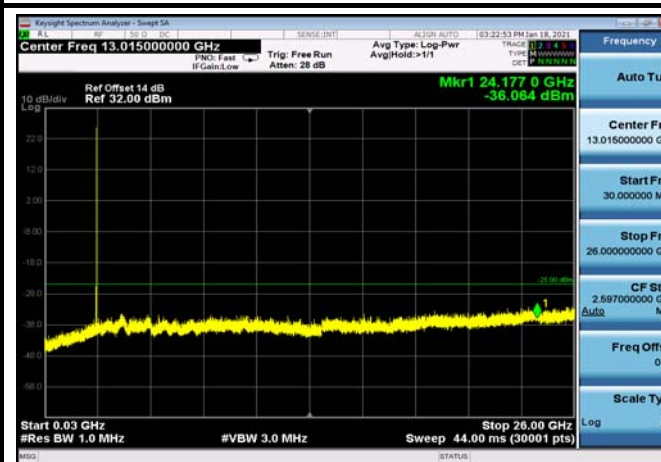


FDD17_MidRange_5MHz_30MHz~26GHz

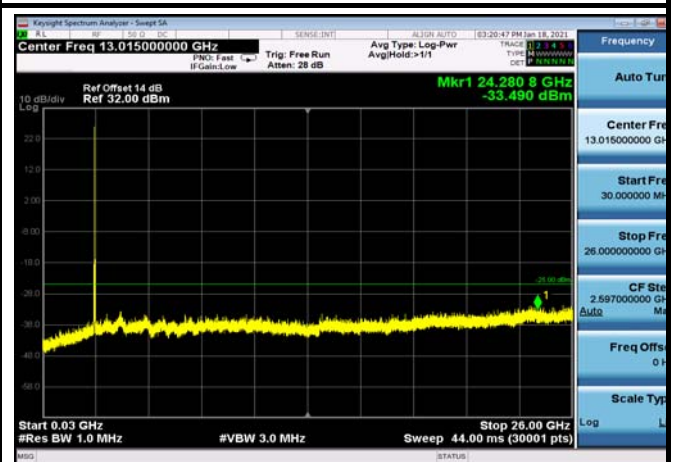




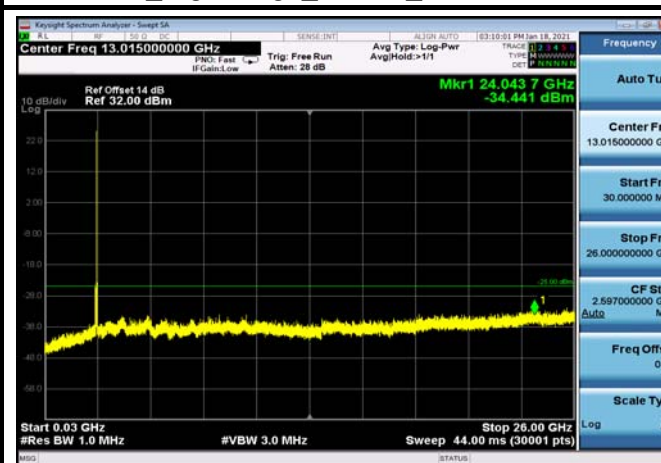
FDD07_HighRange_10MHz_30MHz~26GHz



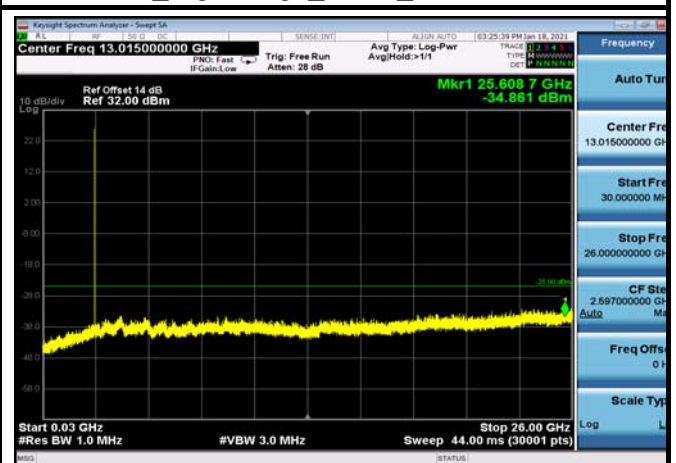
FDD07_HighRange_15MHz_30MHz~26GHz



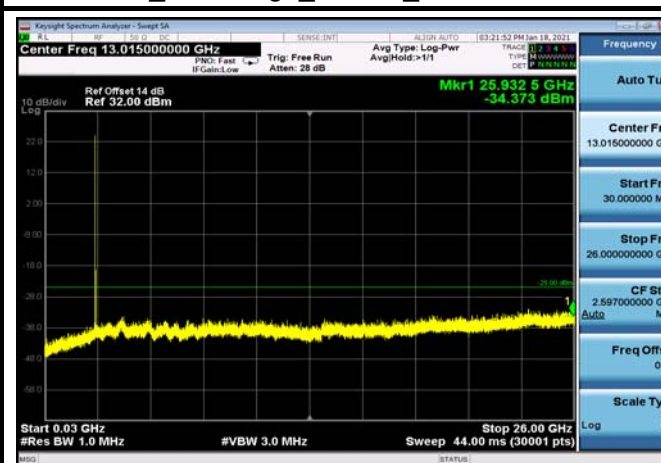
FDD07_HighRange_20MHz_30MHz~26GHz



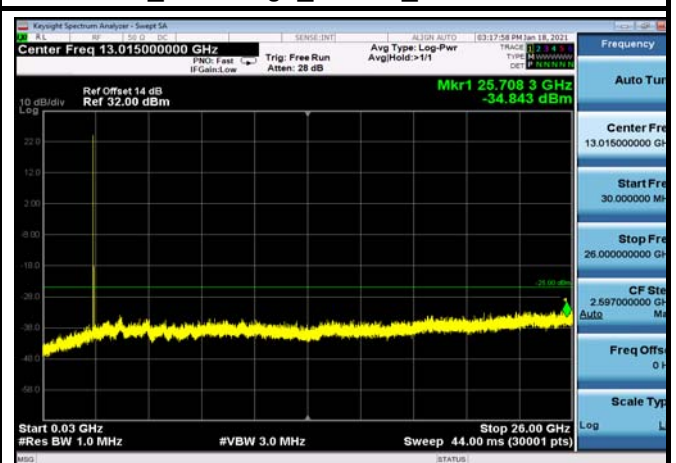
FDD07_HighRange_5MHz_30MHz~26GHz



FDD07_LowRange_10MHz_30MHz~26GHz

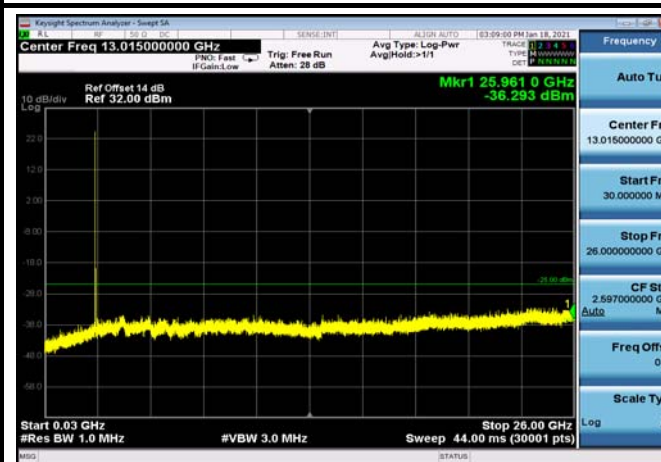


FDD07_LowRange_15MHz_30MHz~26GHz

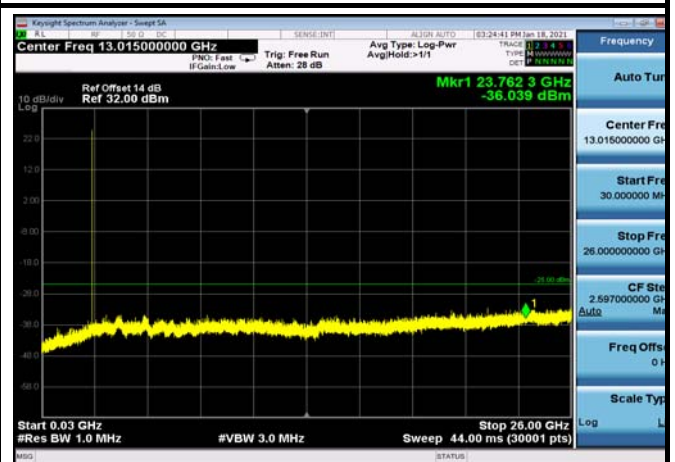




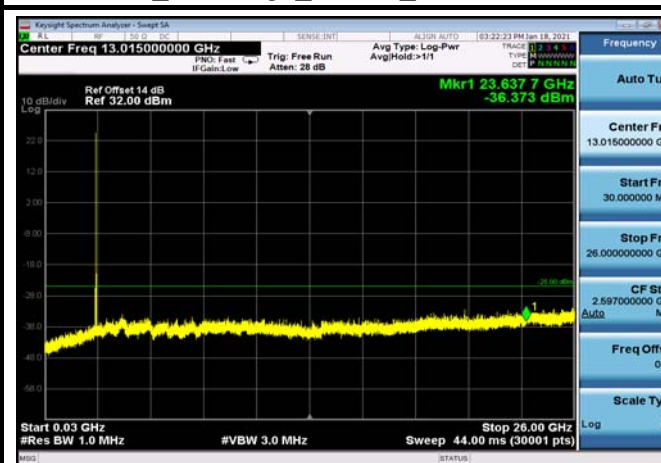
FDD07_LowRange_20MHz_30MHz~26GHz



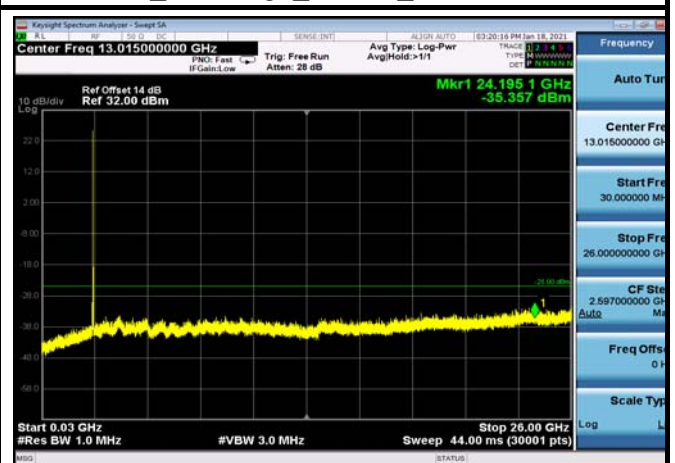
FDD07_LowRange_5MHz_30MHz~26GHz



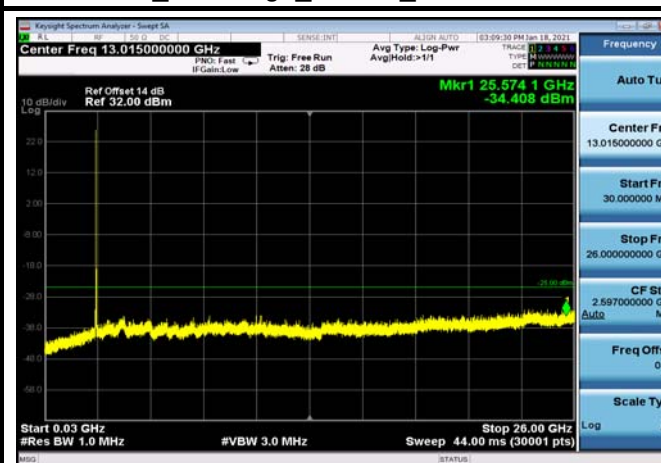
FDD07_MidRange_10MHz_30MHz~26GHz



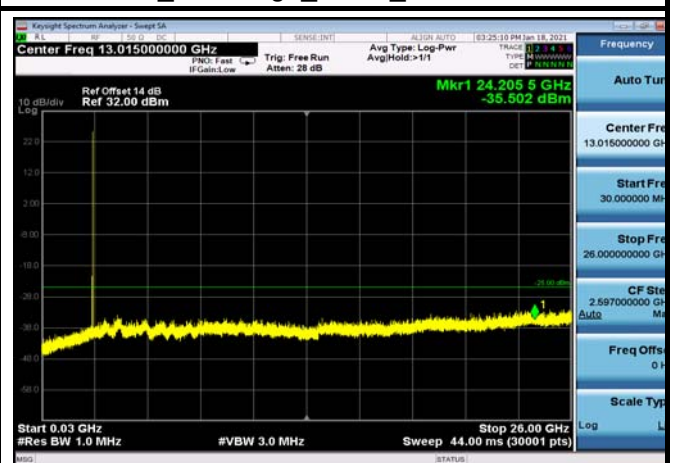
FDD07_MidRange_15MHz_30MHz~26GHz



FDD07_MidRange_20MHz_30MHz~26GHz



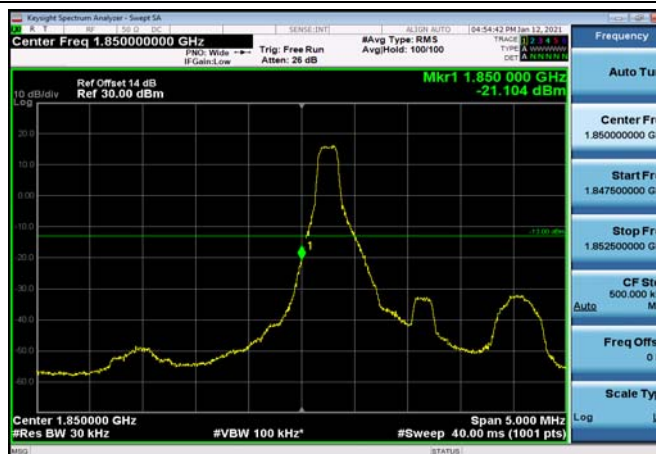
FDD07_MidRange_5MHz_30MHz~26GHz



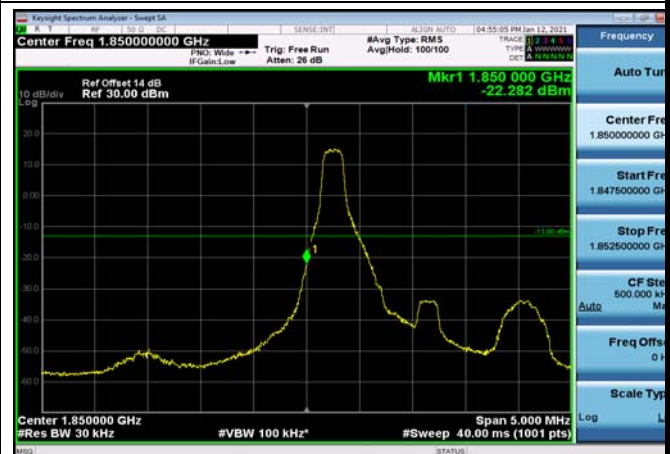
Conducted Band Edge

Test Result and Data

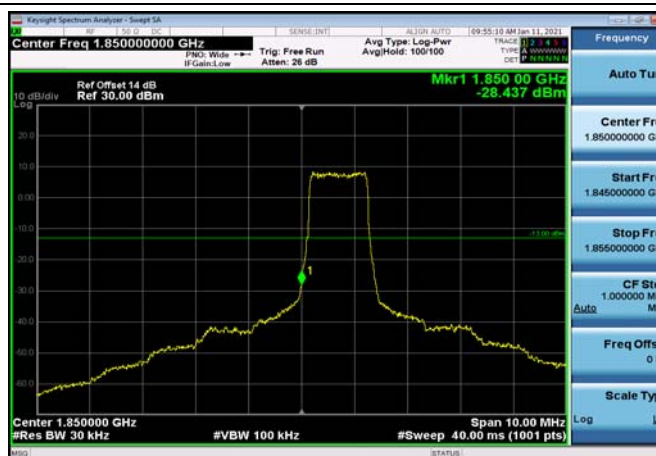
LowRange_FDD02_1.4MHz_1850.7_OneRB
_low_QPSK



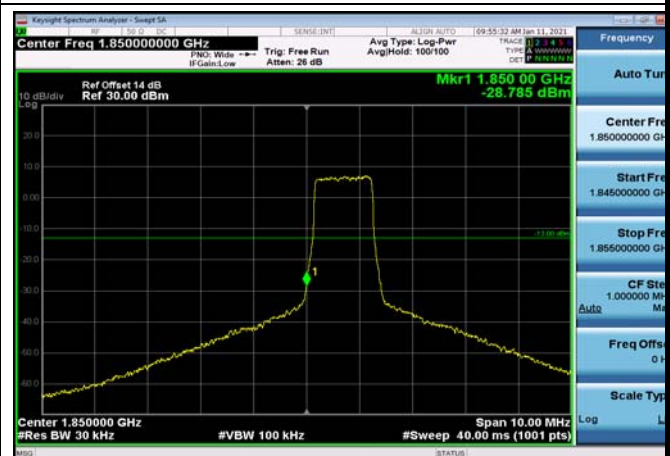
LowRange_FDD02_1.4MHz_1850.7_OneRB
_low_Q16



LowRange_FDD02_1.4MHz_1850.7_fullRB
_Low_QPSK

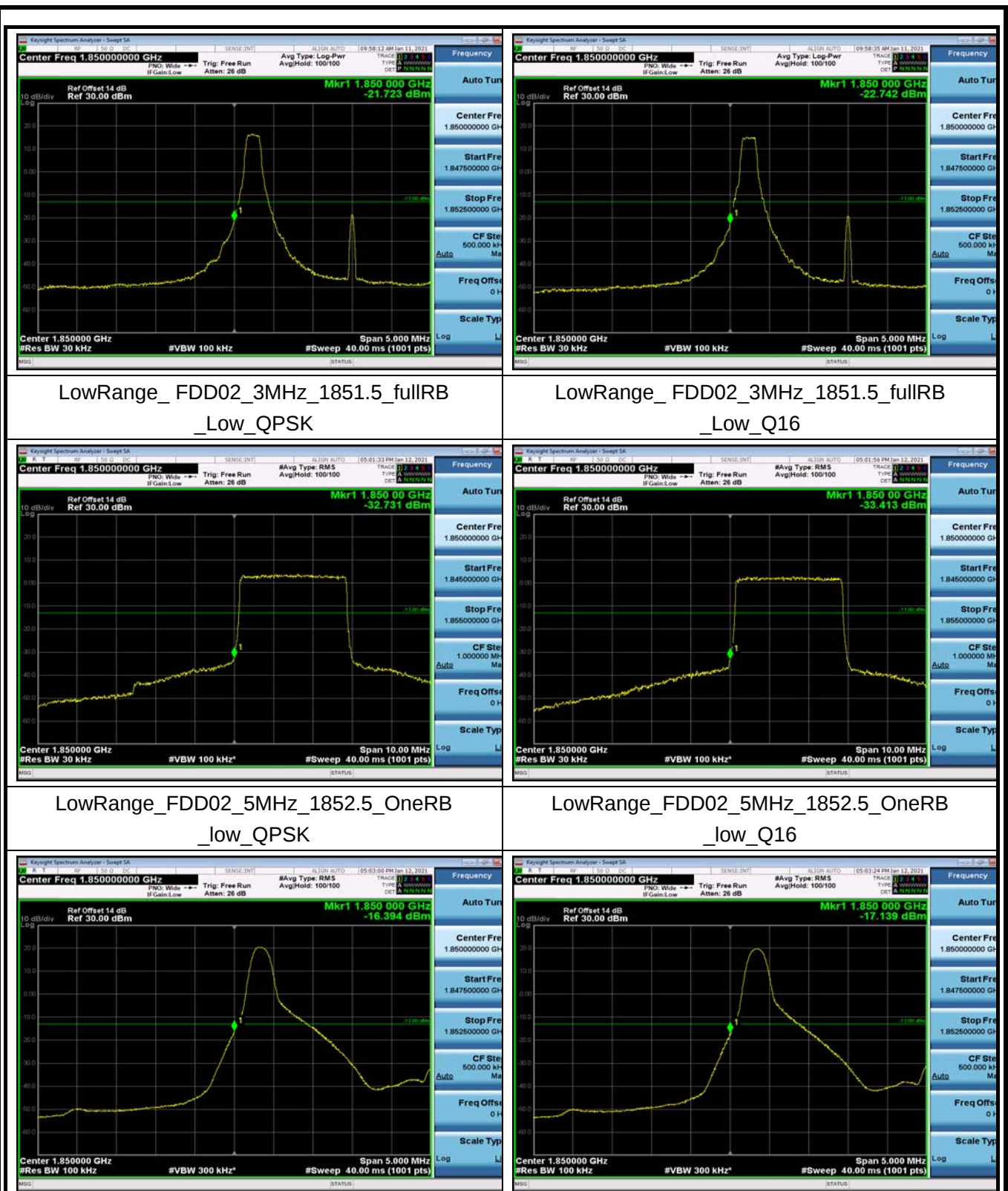


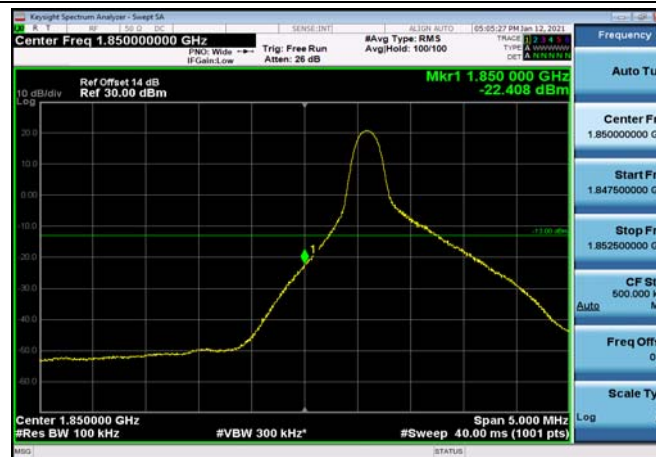
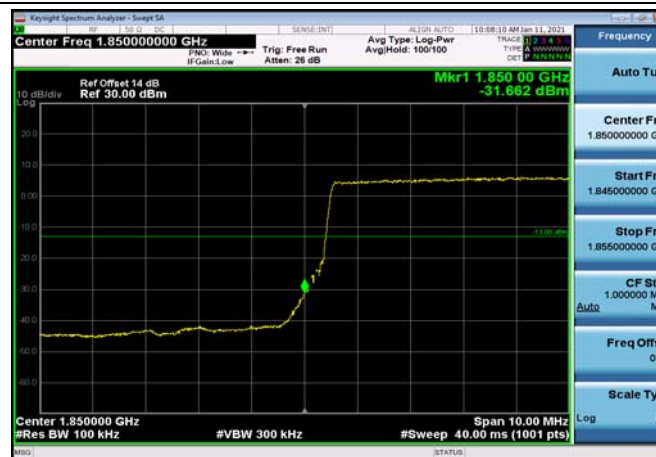
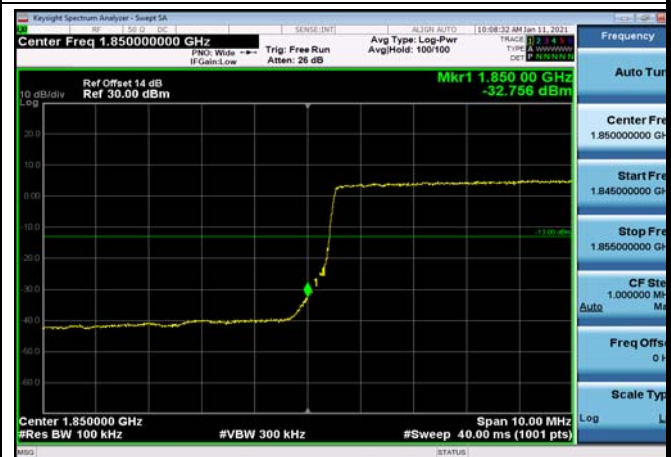
LowRange_FDD02_1.4MHz_1850.7_fullRB
_Low_Q16

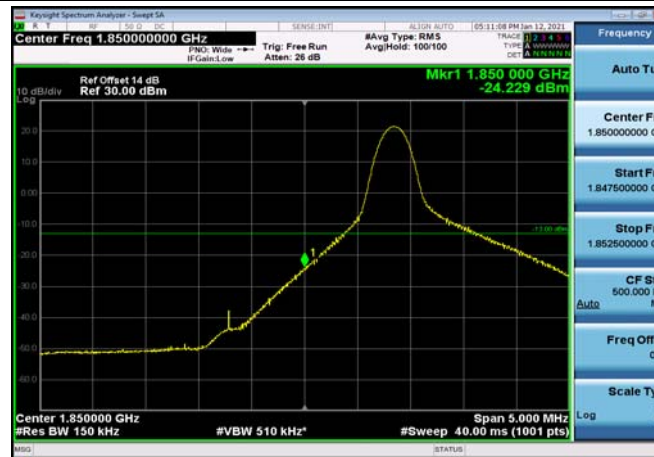
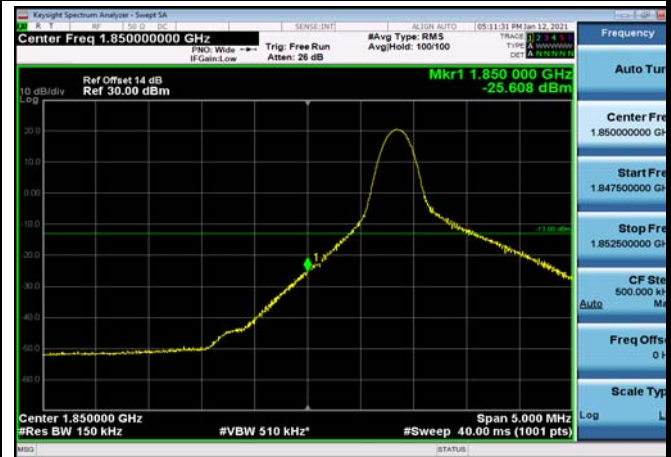
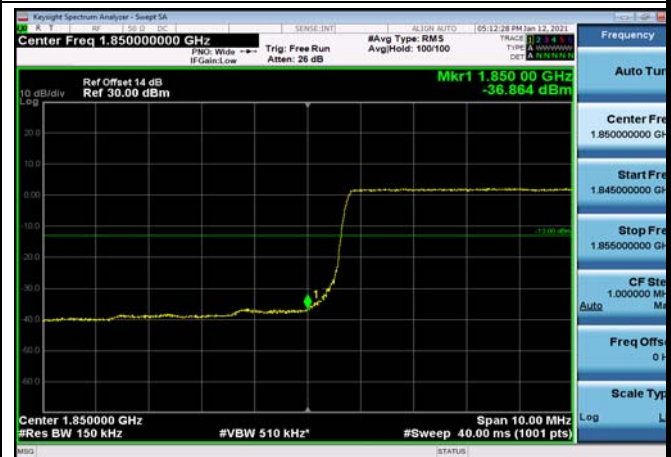
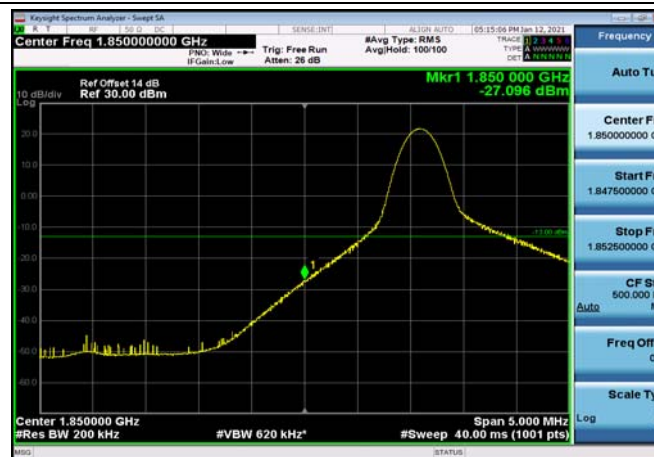
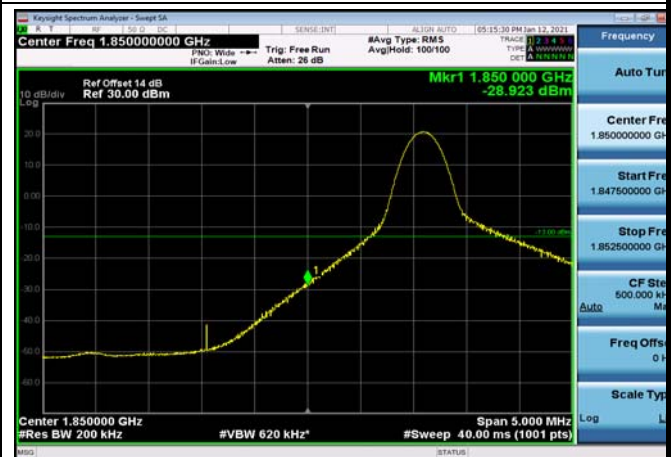


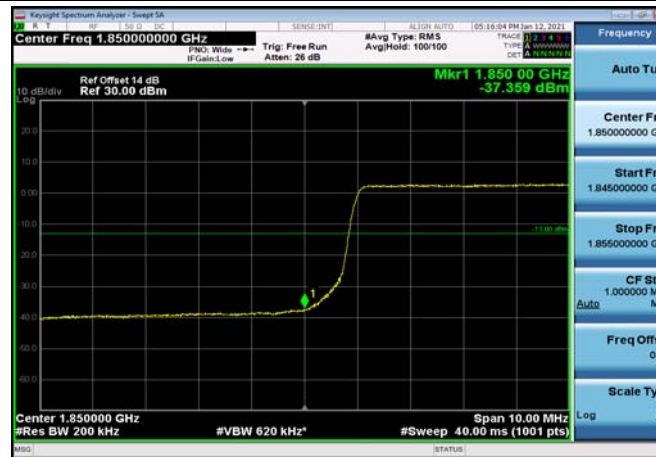
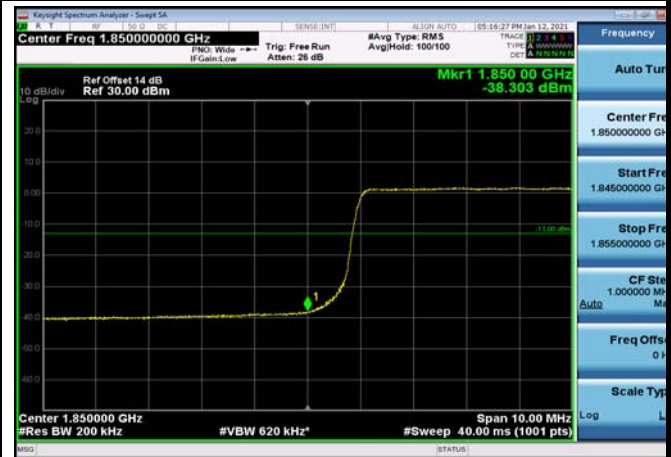
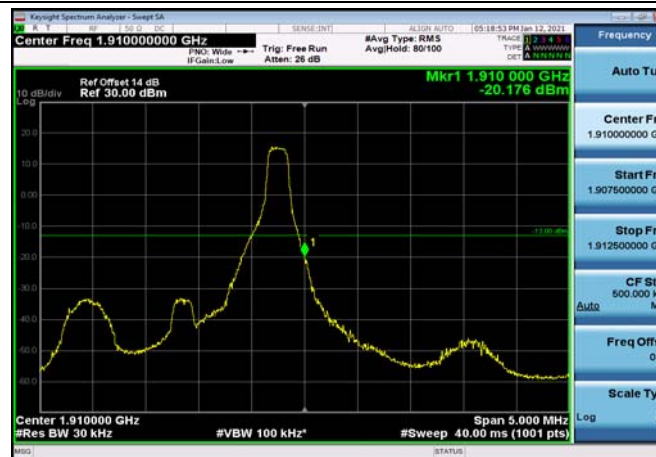
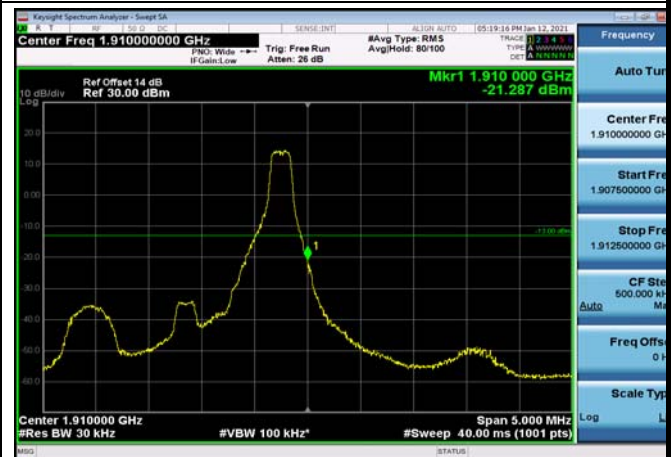
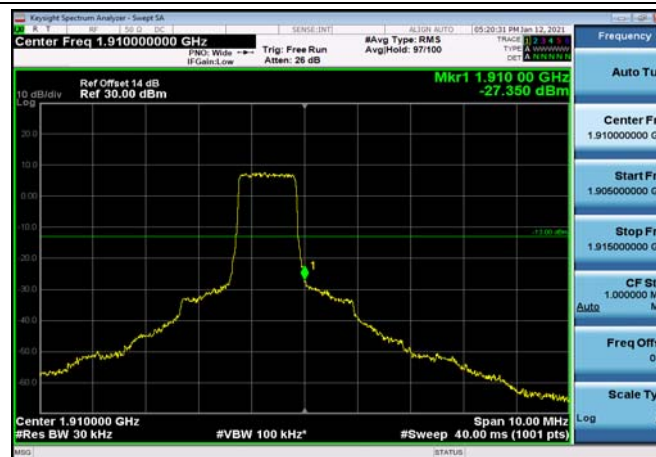
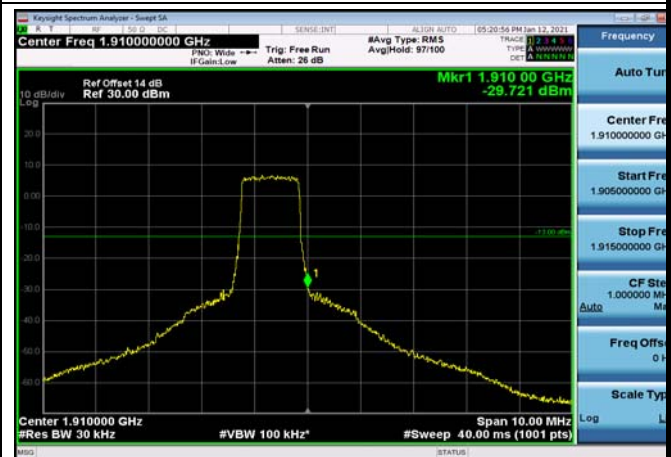
LowRange_FDD02_3MHz_1851.5_OneRB
_low_QPSK

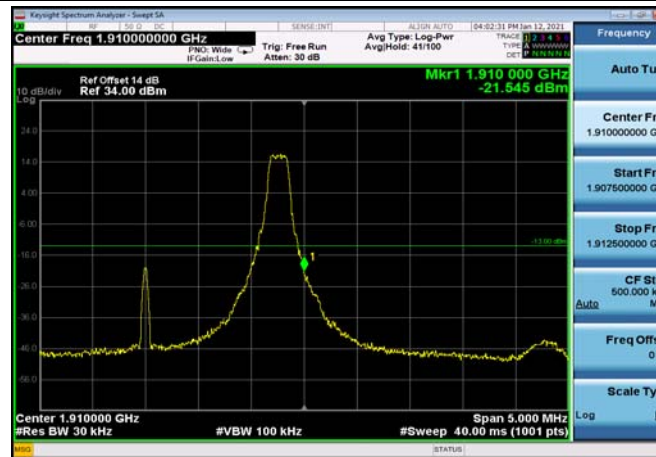
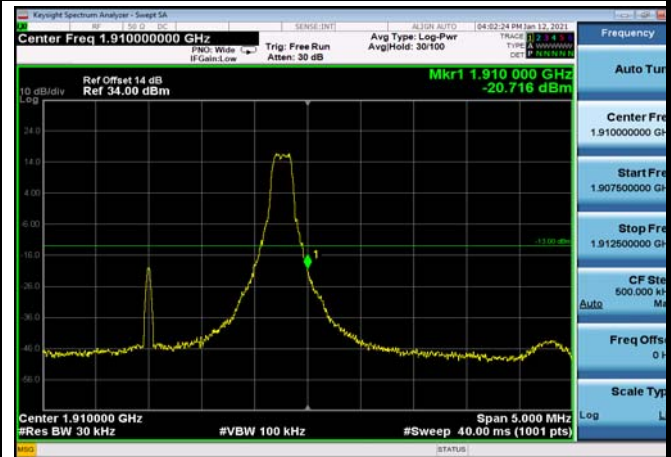
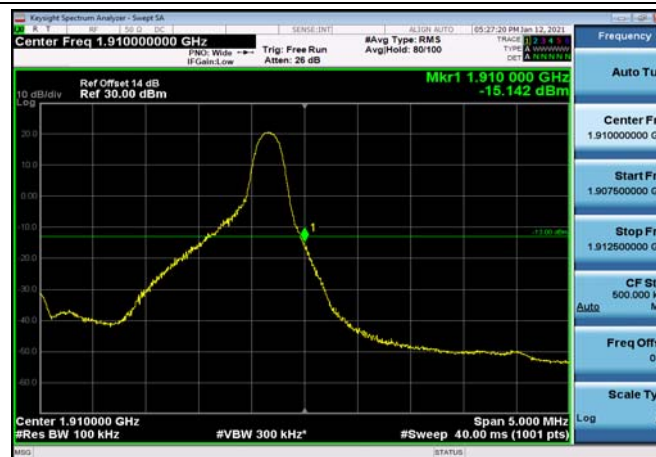
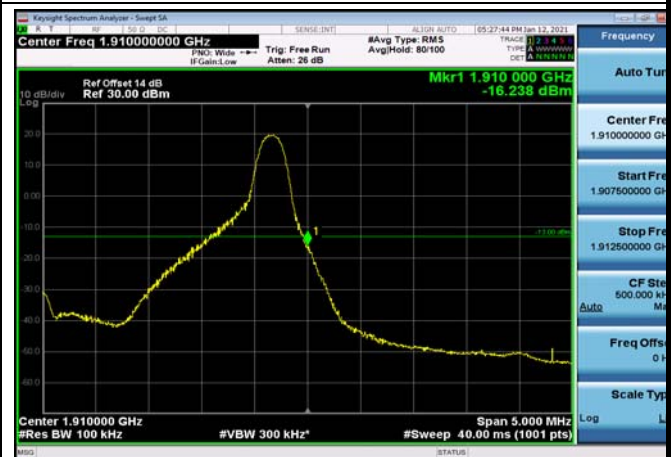
LowRange_FDD02_3MHz_1851.5_OneRB
_low_Q16

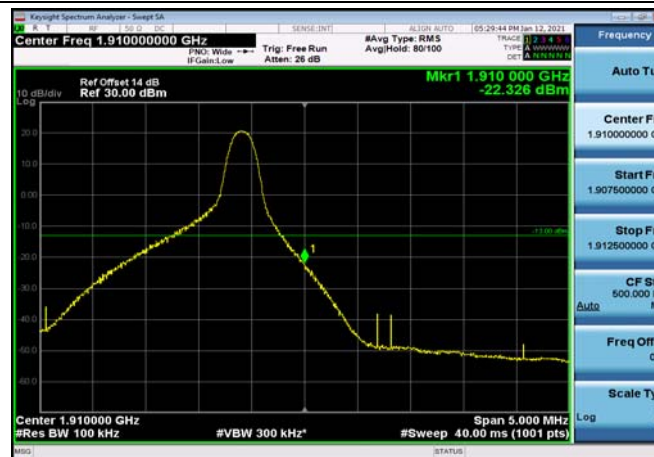
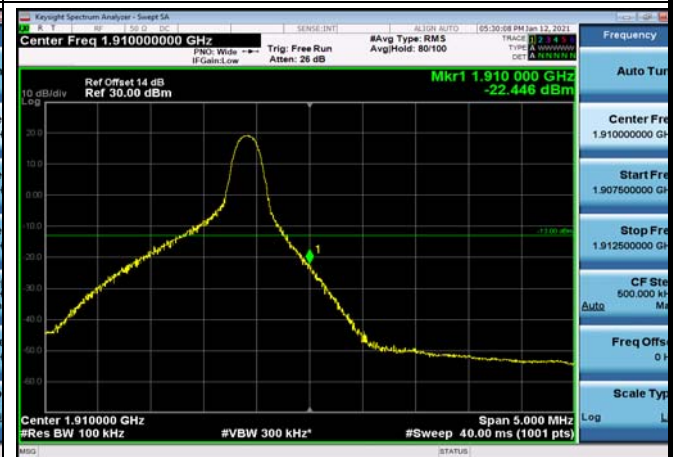


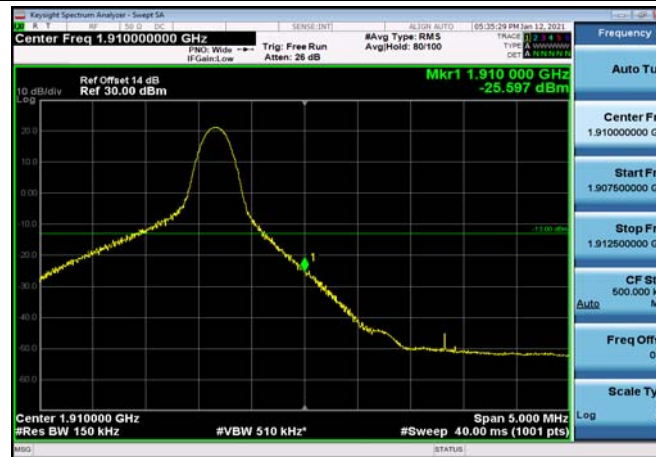
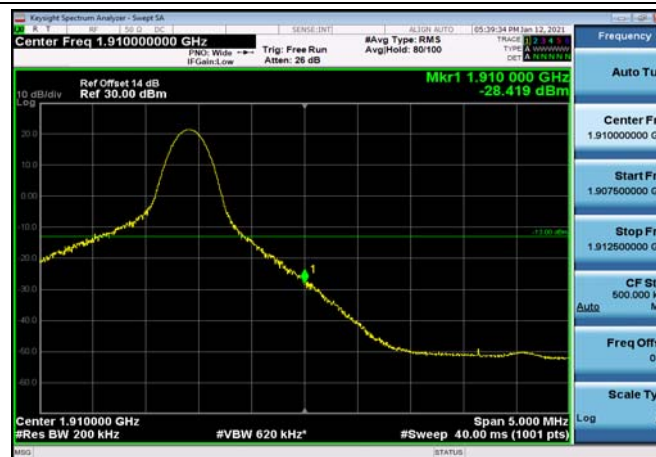
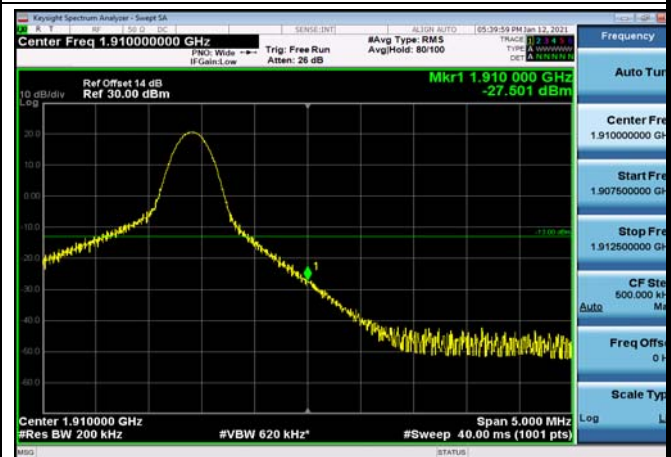
LowRange_FDD02_5MHz_1852.5_fullRB
_Low_QPSKLowRange_FDD02_5MHz_1852.5_fullRB
_Low_Q16LowRange_FDD02_10MHz_1855_OneRB
_low_QPSKLowRange_FDD02_10MHz_1855_OneRB
_low_Q16LowRange_FDD02_10MHz_1855_fullRB
_Low_QPSKLowRange_FDD02_10MHz_1855_fullRB
_Low_Q16

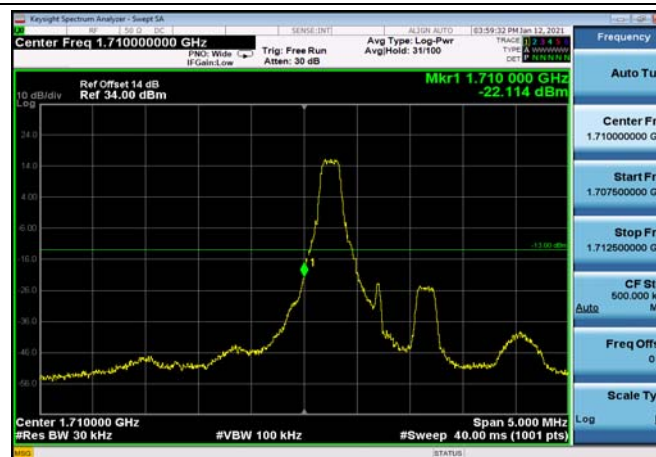
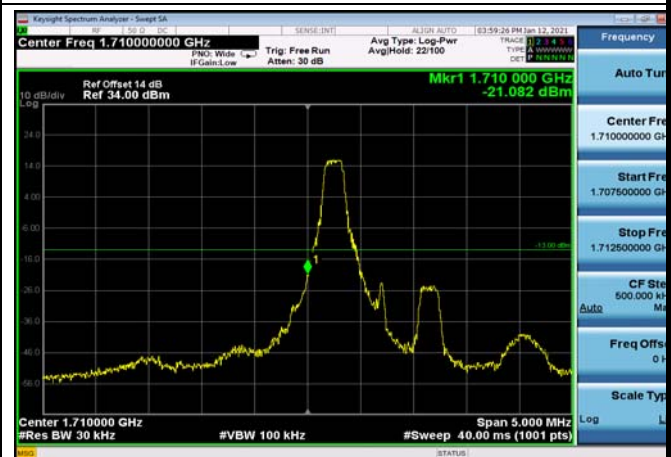
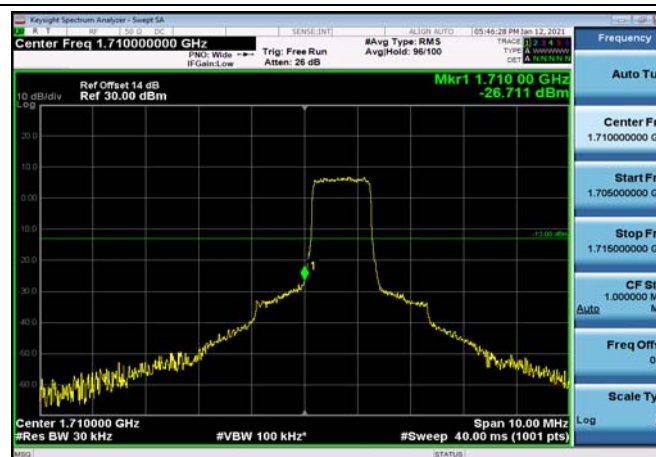
LowRange_FDD02_15MHz_1857.5_OneRB
_low_QPSKLowRange_FDD02_15MHz_1857.5_OneRB
_low_Q16LowRange_FDD02_15MHz_1857.5_fullIRB
_Low_QPSKLowRange_FDD02_15MHz_1857.5_fullIRB
_Low_Q16LowRange_FDD02_20MHz_1860_OneRB
_low_QPSKLowRange_FDD02_20MHz_1860_OneRB
_low_Q16

LowRange_FDD02_20MHz_1860_fullRB
_Low_QPSKLowRange_FDD02_20MHz_1860_fullRB
_Low_Q16HighRange_FDD02_1.4MHz_1909.3_OneRB
_high_QPSKHighRange_FDD02_1.4MHz_1909.3_OneRB
_high_Q16HighRange_FDD02_1.4MHz_1909.3
_fullRB_High_QPSKHighRange_FDD02_1.4MHz_1909.3
_fullRB_High_Q16

HighRange_FDD02_3MHz_1908.5_OneRB
_high_QPSKHighRange_FDD02_3MHz_1908.5_OneRB
_high_Q16HighRange_FDD02_3MHz_1908.5_fullRB
_High_QPSKHighRange_FDD02_3MHz_1908.5_fullRB
_High_Q16HighRange_FDD02_5MHz_1907.5_OneRB
_high_QPSKHighRange_FDD02_5MHz_1907.5_OneRB
_high_Q16

HighRange_FDD02_5MHz_1907.5_fullRB
_High_QPSKHighRange_FDD02_5MHz_1907.5_fullRB
_High_Q16HighRange_FDD02_10MHz_1905_OneRB
_high_QPSKHighRange_FDD02_10MHz_1905_OneRB
_high_Q16HighRange_FDD02_10MHz_1905_fullRB
_High_QPSKHighRange_FDD02_10MHz_1905_fullRB
_High_Q16

HighRange_FDD02_15MHz_1902.5_OneRB
_high_QPSKHighRange_FDD02_15MHz_1902.5_OneRB
_high_Q16HighRange_FDD02_15MHz_1902.5_fullRB
_High_QPSKHighRange_FDD02_15MHz_1902.5_fullRB
_High_Q16HighRange_FDD02_20MHz_1900_OneRB
_high_QPSKHighRange_FDD02_20MHz_1900_OneRB
_high_Q16

HighRange_FDD02_20MHz_1900_fullRB
_High_QPSKHighRange_FDD02_20MHz_1900_fullRB
_High_Q16LowRange_FDD04_1.4MHz_1710.7_OneRB
_low_QPSKLowRange_FDD04_1.4MHz_1710.7_OneRB
_low_Q16LowRange_FDD04_1.4MHz_1710.7_fullRB
_Low_QPSKLowRange_FDD04_1.4MHz_1710.7_fullRB
_Low_Q16