

**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	-42.415	0.023	2.5	Pass
Normal	Normal	FDD02	10	fullRB	QPSK	-46.906	0.025	2.5	Pass
Normal	High	FDD02	10	fullRB	QPSK	-36.621	0.019	2.5	Pass
50	Normal	FDD02	10	fullRB	QPSK	-36.321	0.019	2.5	Pass
40	Normal	FDD02	10	fullRB	QPSK	-54.774	0.029	2.5	Pass
30	Normal	FDD02	10	fullRB	QPSK	-43.473	0.023	2.5	Pass
20	Normal	FDD02	10	fullRB	QPSK	-32.587	0.017	2.5	Pass
10	Normal	FDD02	10	fullRB	QPSK	-49.682	0.026	2.5	Pass
0	Normal	FDD02	10	fullRB	QPSK	-53.601	0.029	2.5	Pass
-10	Normal	FDD02	10	fullRB	QPSK	15.936	0.008	2.5	Pass
-20	Normal	FDD02	10	fullRB	QPSK	-30.656	0.016	2.5	Pass
-30	Normal	FDD02	10	fullRB	QPSK	12.531	0.007	2.5	Pass
Normal	Low	FDD04	10	fullRB	QPSK	-47.407	0.027	2.5	Pass
Normal	Normal	FDD04	10	fullRB	QPSK	-17.095	0.010	2.5	Pass
Normal	High	FDD04	10	fullRB	QPSK	-25.206	0.015	2.5	Pass
50	Normal	FDD04	10	fullRB	QPSK	10.471	0.006	2.5	Pass
40	Normal	FDD04	10	fullRB	QPSK	36.764	0.021	2.5	Pass
30	Normal	FDD04	10	fullRB	QPSK	45.304	0.026	2.5	Pass
20	Normal	FDD04	10	fullRB	QPSK	34.704	0.020	2.5	Pass
10	Normal	FDD04	10	fullRB	QPSK	30.699	0.018	2.5	Pass
0	Normal	FDD04	10	fullRB	QPSK	7.253	0.004	2.5	Pass
-10	Normal	FDD04	10	fullRB	QPSK	38.009	0.022	2.5	Pass
-20	Normal	FDD04	10	fullRB	QPSK	20.871	0.012	2.5	Pass
-30	Normal	FDD04	10	fullRB	QPSK	32.430	0.019	2.5	Pass
Normal	Low	FDD05	10	fullRB	QPSK	-39.353	0.047	2.5	Pass



Normal	Normal	FDD05	10	fullRB	QPSK	-18.754	0.022	2.5	Pass
Normal	High	FDD05	10	fullRB	QPSK	-39.682	0.047	2.5	Pass
50	Normal	FDD05	10	fullRB	QPSK	-6.652	0.008	2.5	Pass
40	Normal	FDD05	10	fullRB	QPSK	7.095	0.008	2.5	Pass
30	Normal	FDD05	10	fullRB	QPSK	47.822	0.057	2.5	Pass
20	Normal	FDD05	10	fullRB	QPSK	34.003	0.041	2.5	Pass
10	Normal	FDD05	10	fullRB	QPSK	17.953	0.021	2.5	Pass
0	Normal	FDD05	10	fullRB	QPSK	36.836	0.044	2.5	Pass
-10	Normal	FDD05	10	fullRB	QPSK	-6.781	0.008	2.5	Pass
-20	Normal	FDD05	10	fullRB	QPSK	-38.095	0.046	2.5	Pass
-30	Normal	FDD05	10	fullRB	QPSK	-13.762	0.016	2.5	Pass
Normal	Low	FDD07	10	fullRB	QPSK	-53.301	0.021	2.5	Pass
Normal	Normal	FDD07	10	fullRB	QPSK	-46.663	0.018	2.5	Pass
Normal	High	FDD07	10	fullRB	QPSK	-30.742	0.012	2.5	Pass
50	Normal	FDD07	10	fullRB	QPSK	-53.287	0.021	2.5	Pass
40	Normal	FDD07	10	fullRB	QPSK	-50.869	0.020	2.5	Pass
30	Normal	FDD07	10	fullRB	QPSK	-25.492	0.010	2.5	Pass
20	Normal	FDD07	10	fullRB	QPSK	39.210	0.015	2.5	Pass
10	Normal	FDD07	10	fullRB	QPSK	37.093	0.015	2.5	Pass
0	Normal	FDD07	10	fullRB	QPSK	24.734	0.010	2.5	Pass
-10	Normal	FDD07	10	fullRB	QPSK	42.272	0.017	2.5	Pass
-20	Normal	FDD07	10	fullRB	QPSK	54.059	0.021	2.5	Pass
-30	Normal	FDD07	10	fullRB	QPSK	49.796	0.020	2.5	Pass
Normal	Low	FDD12	10	fullRB	QPSK	-41.170	0.058	2.5	Pass
Normal	Normal	FDD12	10	fullRB	QPSK	-27.995	0.040	2.5	Pass
Normal	High	FDD12	10	fullRB	QPSK	-6.852	0.010	2.5	Pass
50	Normal	FDD12	10	fullRB	QPSK	-33.789	0.048	2.5	Pass
40	Normal	FDD12	10	fullRB	QPSK	-7.796	0.011	2.5	Pass
30	Normal	FDD12	10	fullRB	QPSK	-23.375	0.033	2.5	Pass
20	Normal	FDD12	10	fullRB	QPSK	-37.808	0.053	2.5	Pass
10	Normal	FDD12	10	fullRB	QPSK	-50.411	0.071	2.5	Pass
0	Normal	FDD12	10	fullRB	QPSK	28.610	0.040	2.5	Pass



-10	Normal	FDD12	10	fullRB	QPSK	8.326	0.012	2.5	Pass
-20	Normal	FDD12	10	fullRB	QPSK	34.976	0.049	2.5	Pass
-30	Normal	FDD12	10	fullRB	QPSK	10.858	0.015	2.5	Pass
Normal	Low	FDD17	10	fullRB	QPSK	-13.046	0.018	2.5	Pass
Normal	Normal	FDD17	10	fullRB	QPSK	-48.122	0.068	2.5	Pass
Normal	High	FDD17	10	fullRB	QPSK	-32.458	0.046	2.5	Pass
50	Normal	FDD17	10	fullRB	QPSK	5.064	0.007	2.5	Pass
40	Normal	FDD17	10	fullRB	QPSK	-20.270	0.029	2.5	Pass
30	Normal	FDD17	10	fullRB	QPSK	-37.150	0.052	2.5	Pass
20	Normal	FDD17	10	fullRB	QPSK	-1.817	0.003	2.5	Pass
10	Normal	FDD17	10	fullRB	QPSK	-12.960	0.018	2.5	Pass
0	Normal	FDD17	10	fullRB	QPSK	-23.704	0.033	2.5	Pass
-10	Normal	FDD17	10	fullRB	QPSK	-32.959	0.046	2.5	Pass
-20	Normal	FDD17	10	fullRB	QPSK	-35.148	0.050	2.5	Pass
-30	Normal	FDD17	10	fullRB	QPSK	6.094	0.009	2.5	Pass

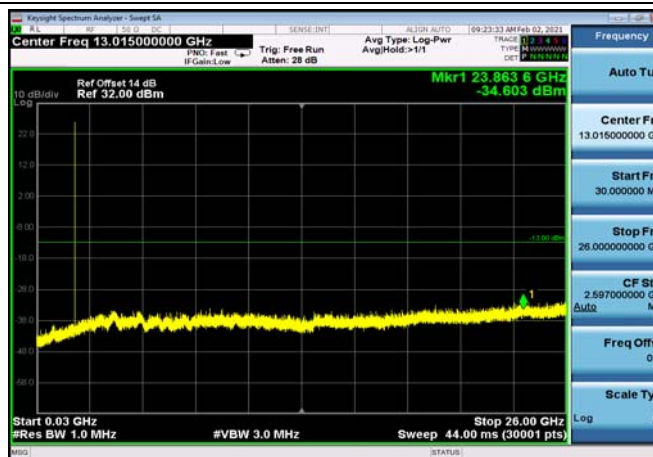
Note: Normal=3.8V, Low=3.5V, High=4.35V



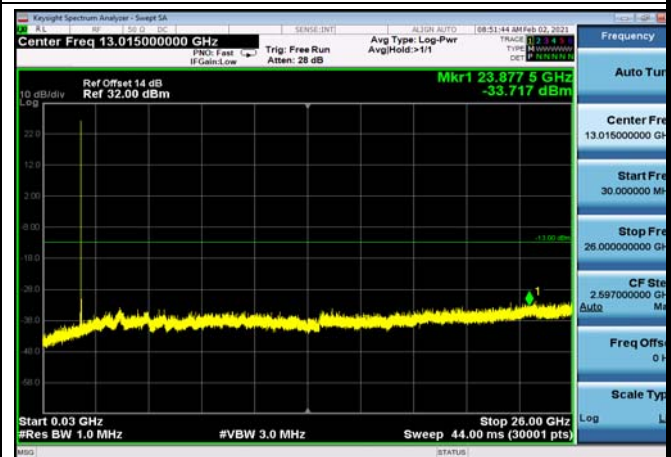
Conducted Out of Band Emissions

Test Result and Data

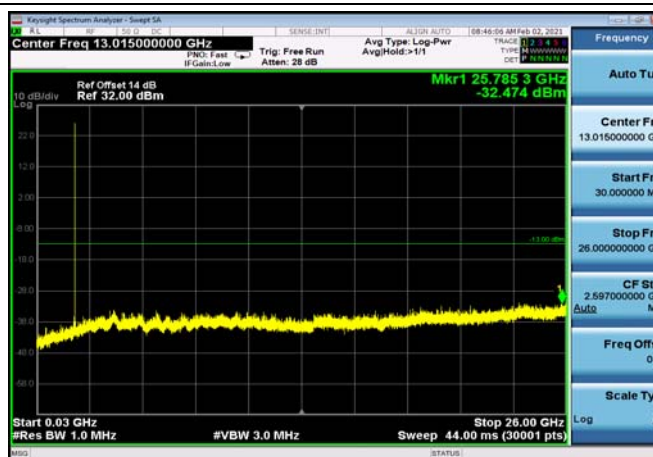
FDD02_HighRange_1.4MHz_30MHz~26GHz



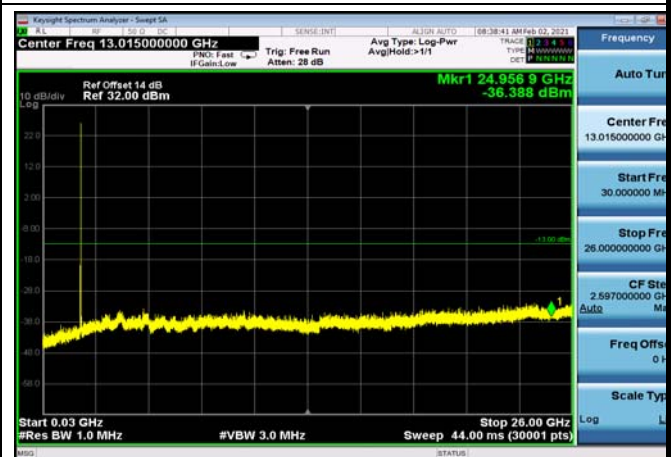
FDD02_HighRange_10MHz_30MHz~26GHz



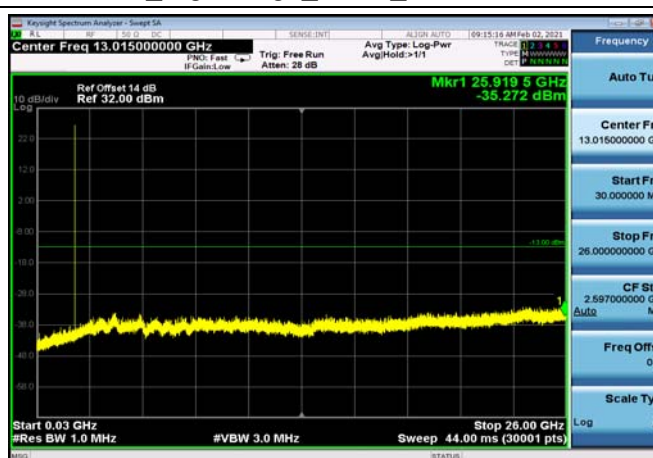
FDD02_HighRange_15MHz_30MHz~26GHz



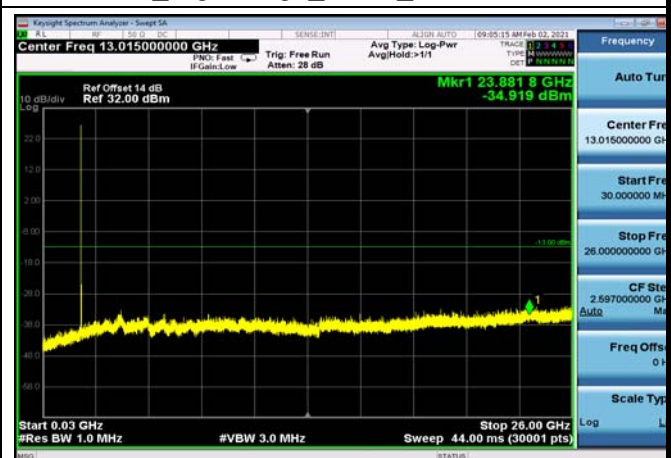
FDD02_HighRange_20MHz_30MHz~26GHz



FDD02_HighRange_3MHz_30MHz~26GHz

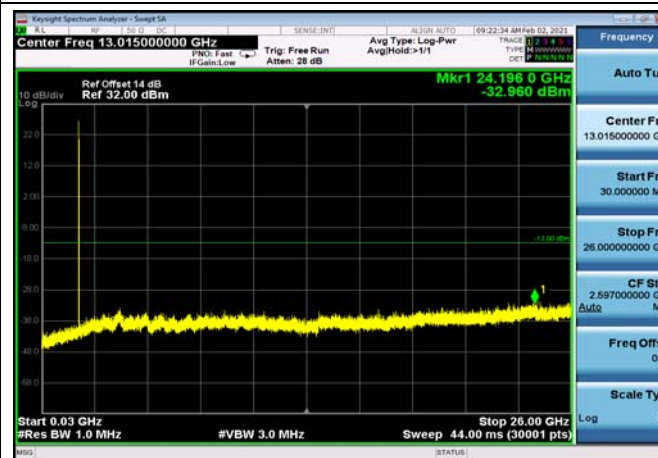


FDD02_HighRange_5MHz_30MHz~26GHz

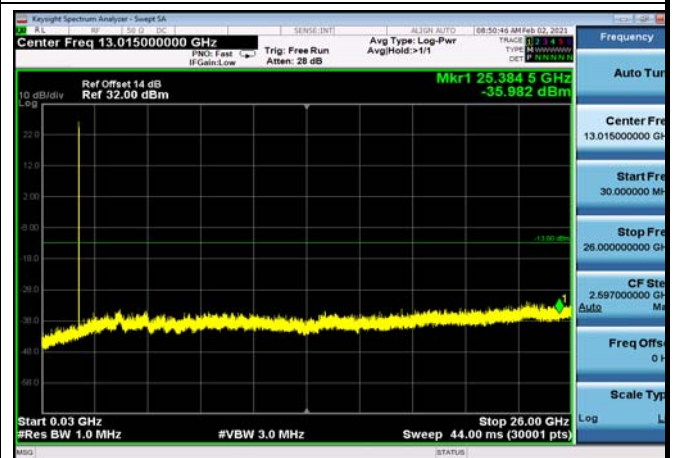




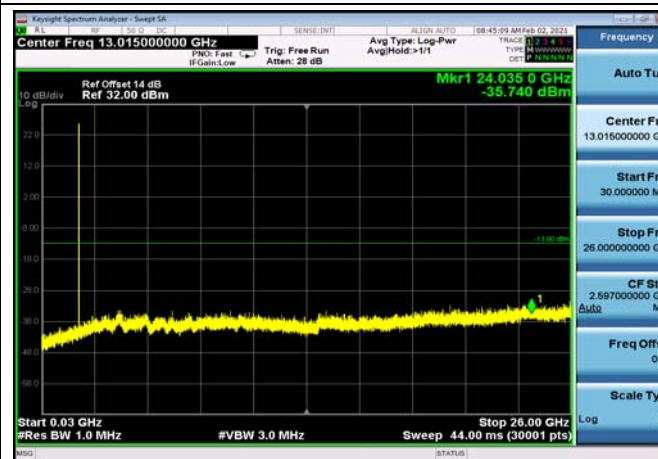
FDD02_LowRange_1.4MHz_30MHz~26GHz



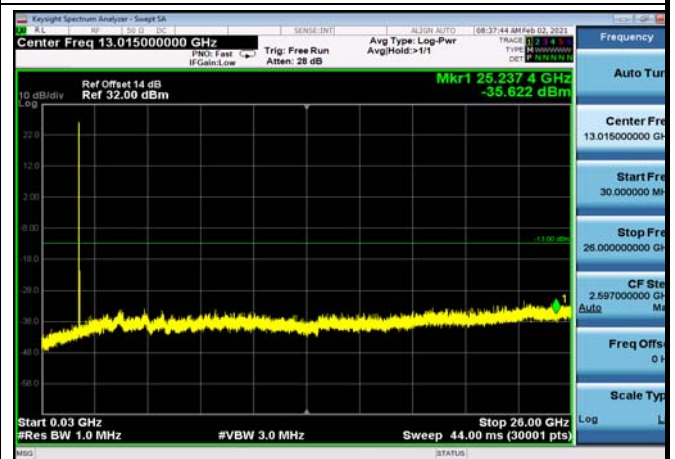
FDD02_LowRange_10MHz_30MHz~26GHz



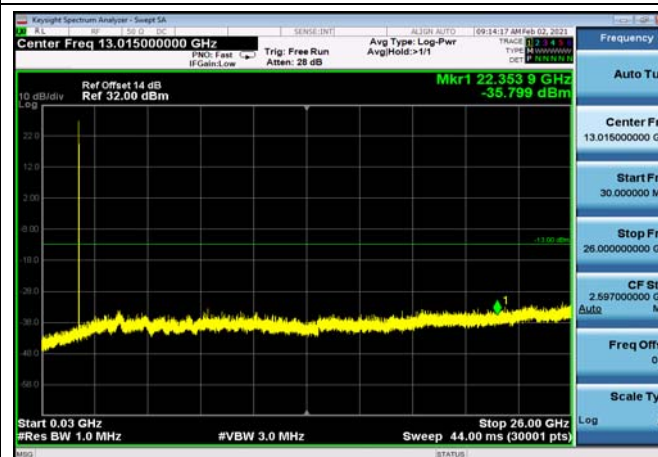
FDD02_LowRange_15MHz_30MHz~26GHz



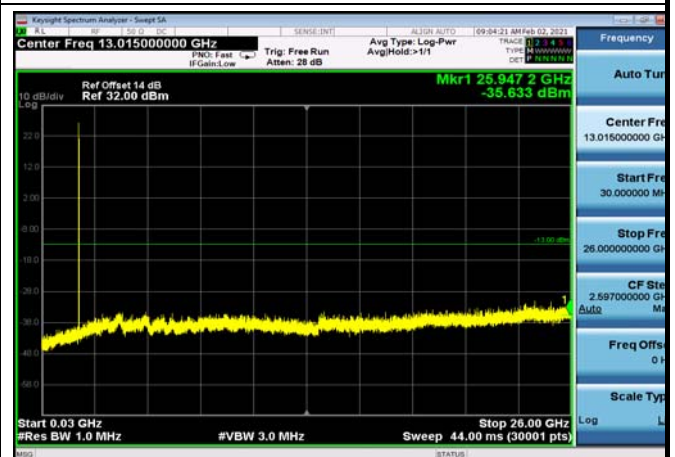
FDD02_LowRange_20MHz_30MHz~26GHz



FDD02_LowRange_3MHz_30MHz~26GHz

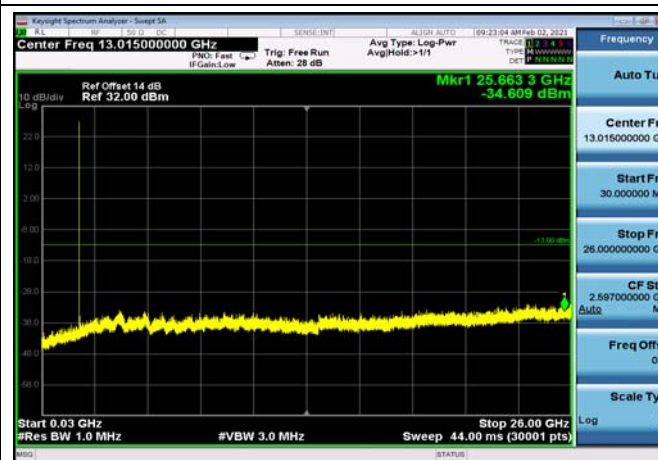


FDD02_LowRange_5MHz_30MHz~26GHz

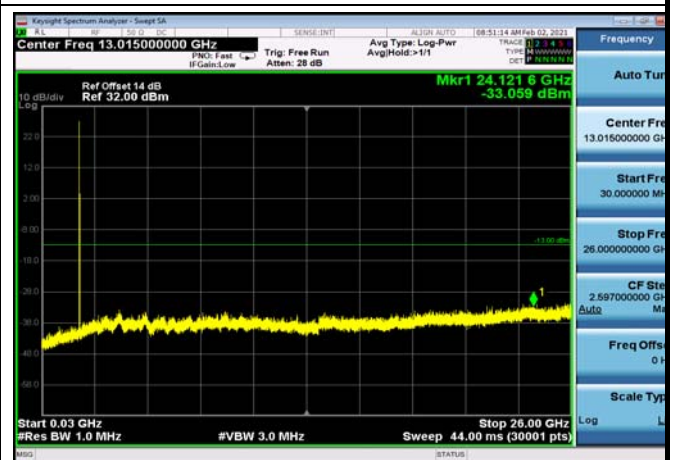




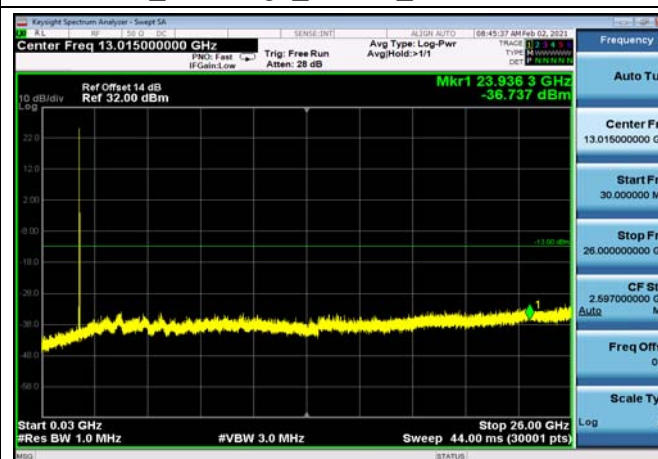
FDD02_MidRange_1.4MHz_30MHz~26GHz



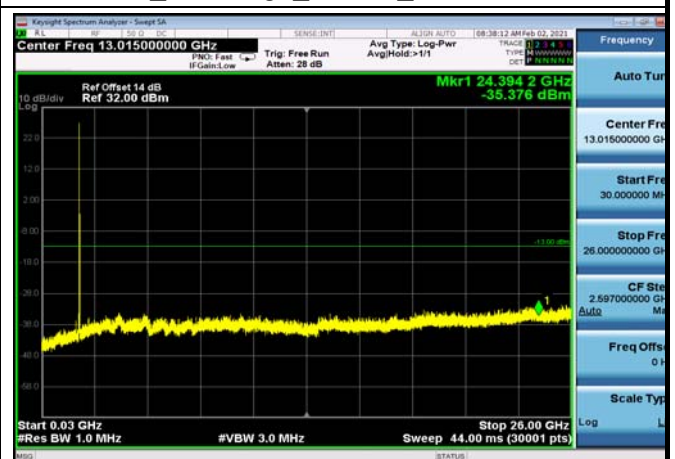
FDD02_MidRange_10MHz_30MHz~26GHz



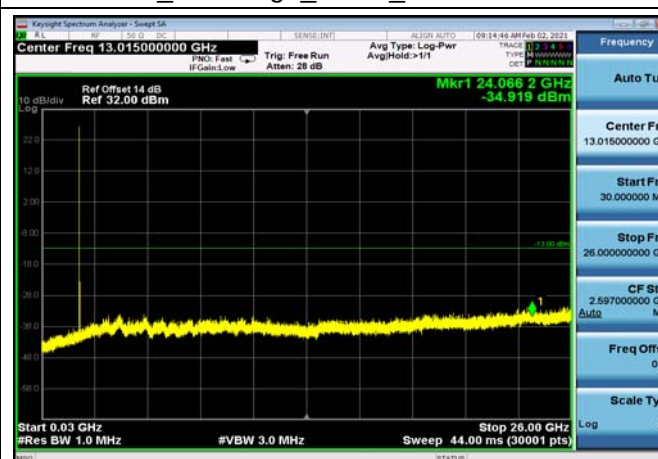
FDD02_MidRange_15MHz_30MHz~26GHz



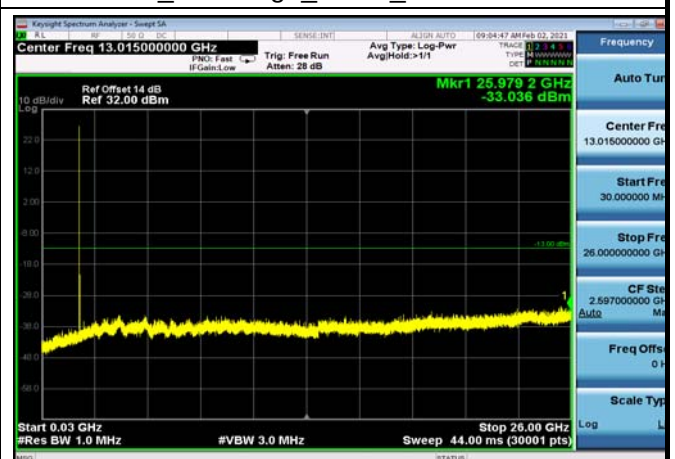
FDD02_MidRange_20MHz_30MHz~26GHz



FDD02_MidRange_3MHz_30MHz~26GHz

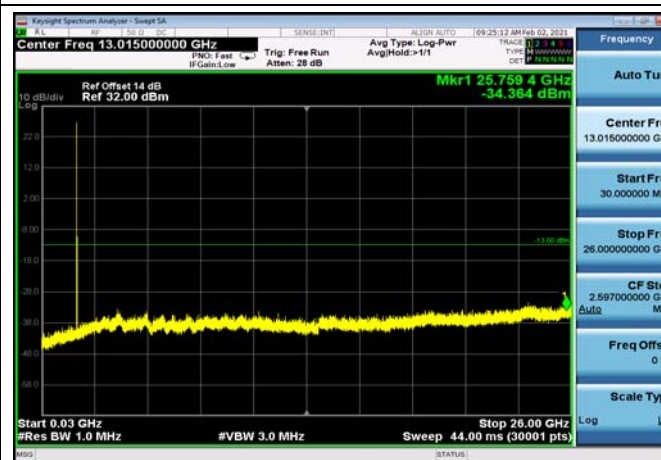


FDD02_MidRange_5MHz_30MHz~26GHz

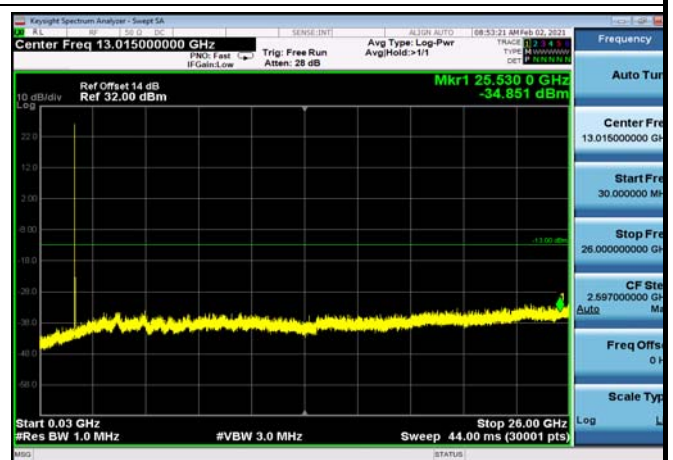




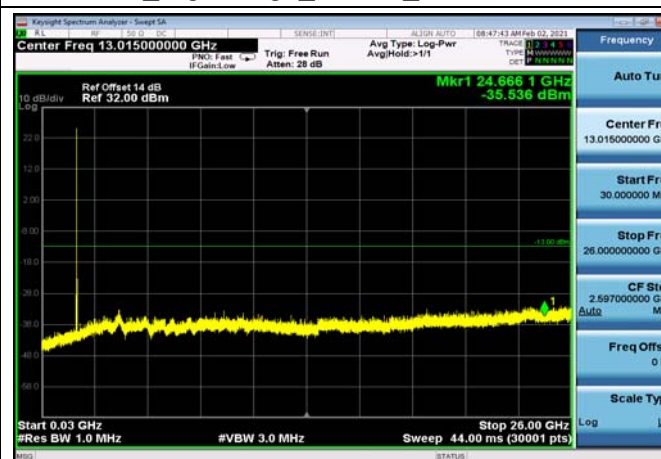
FDD04_HighRange_1.4MHz_30MHz~26GHz



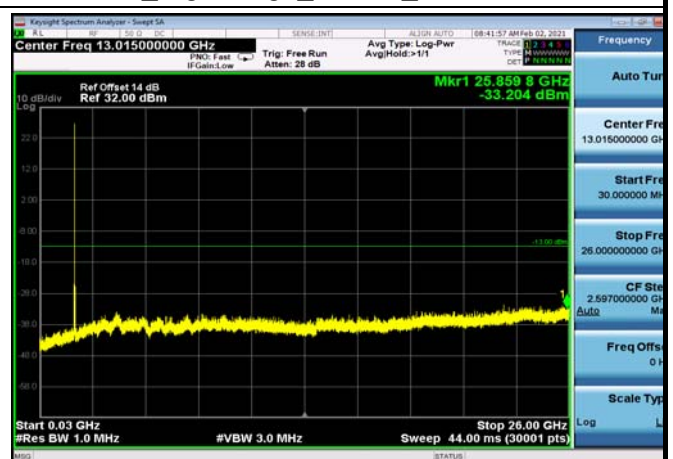
FDD04_HighRange_10MHz_30MHz~26GHz



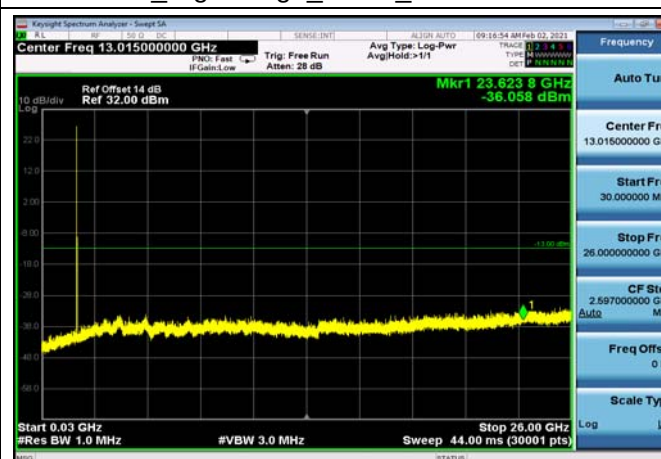
FDD04_HighRange_15MHz_30MHz~26GHz



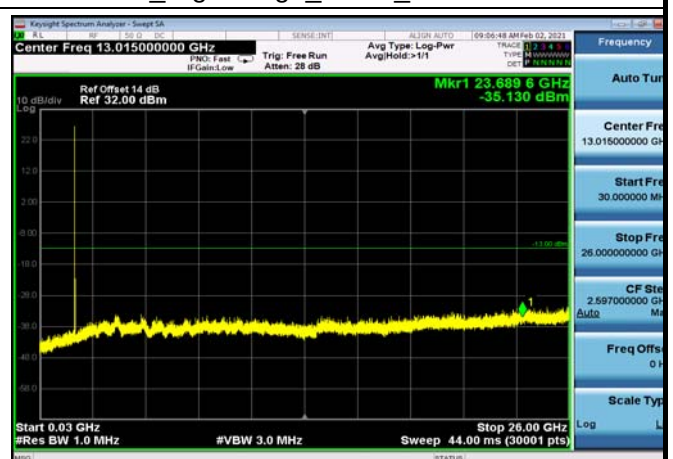
FDD04_HighRange_20MHz_30MHz~26GHz



FDD04_HighRange_3MHz_30MHz~26GHz

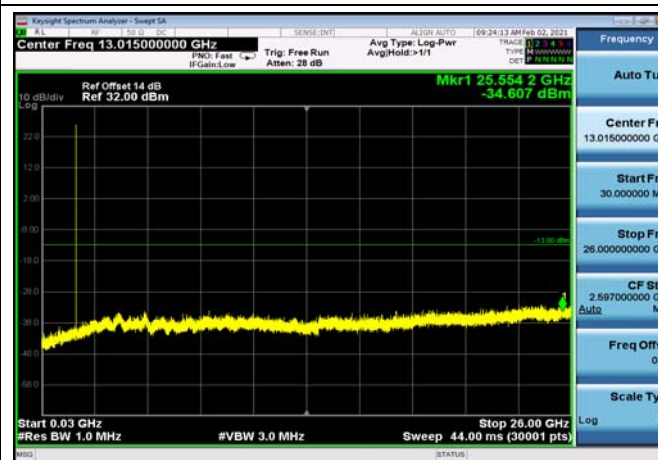


FDD04_HighRange_5MHz_30MHz~26GHz

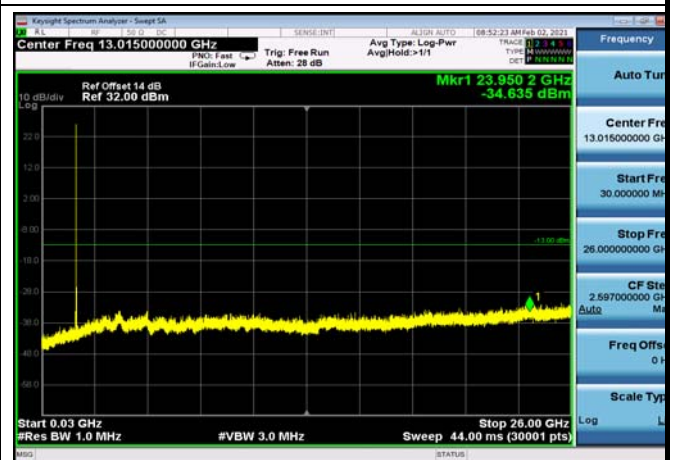




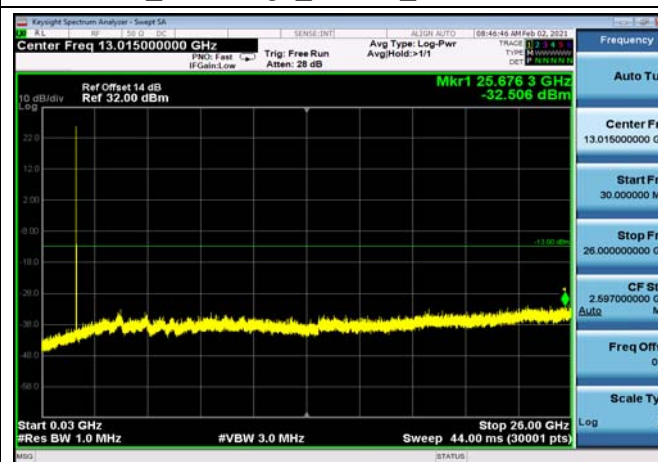
FDD04_LowRange_1.4MHz_30MHz~26GHz



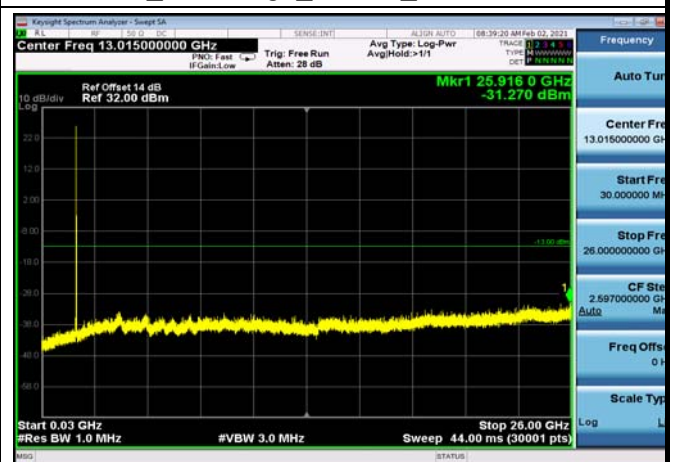
FDD04_LowRange_10MHz_30MHz~26GHz



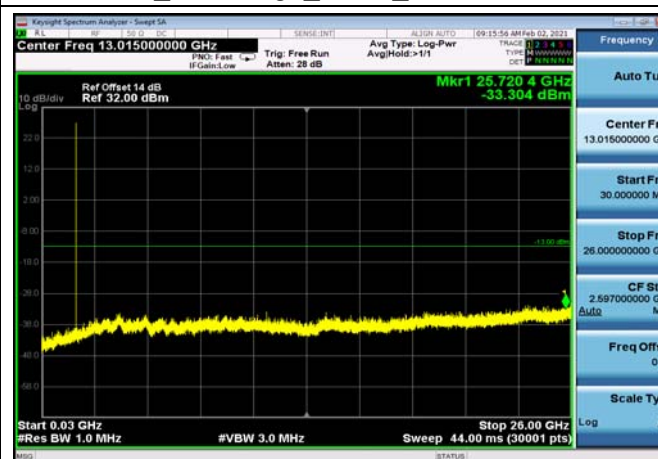
FDD04_LowRange_15MHz_30MHz~26GHz



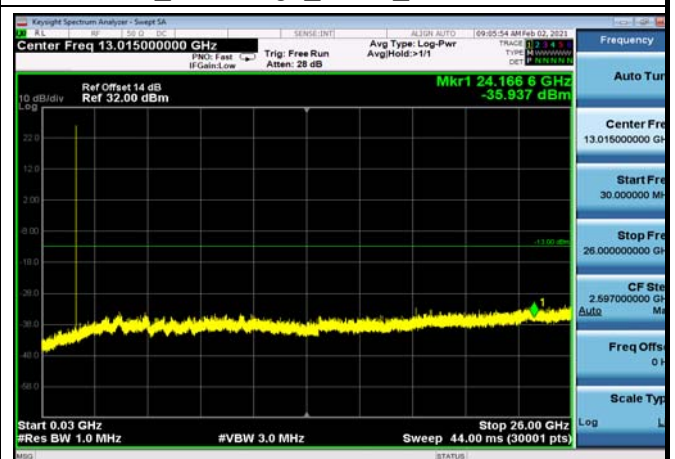
FDD04_LowRange_20MHz_30MHz~26GHz



FDD04_LowRange_3MHz_30MHz~26GHz

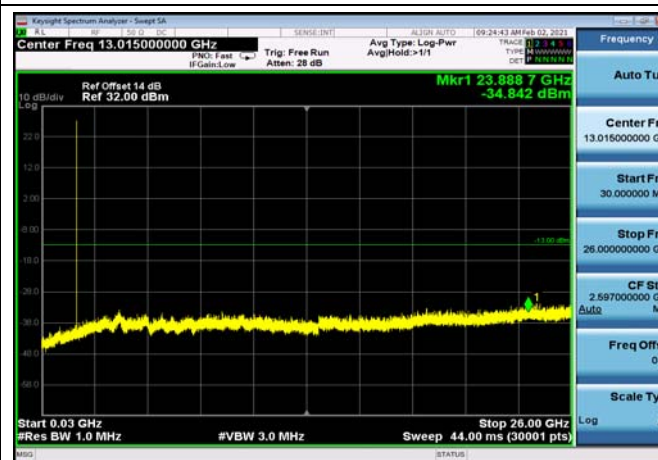


FDD04_LowRange_5MHz_30MHz~26GHz

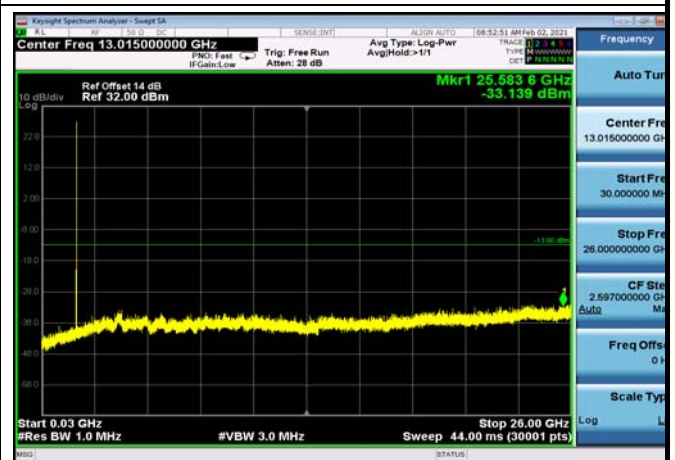




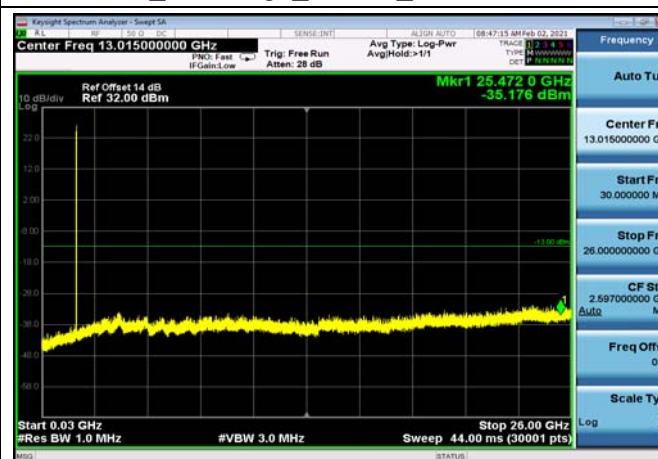
FDD04_MidRange_1.4MHz_30MHz~26GHz



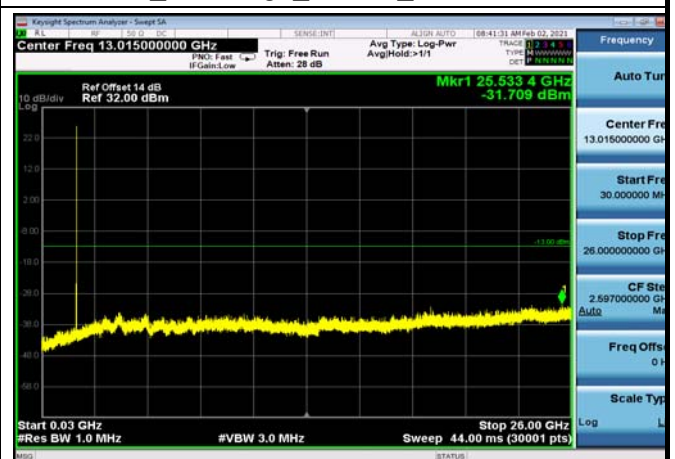
FDD04_MidRange_10MHz_30MHz~26GHz



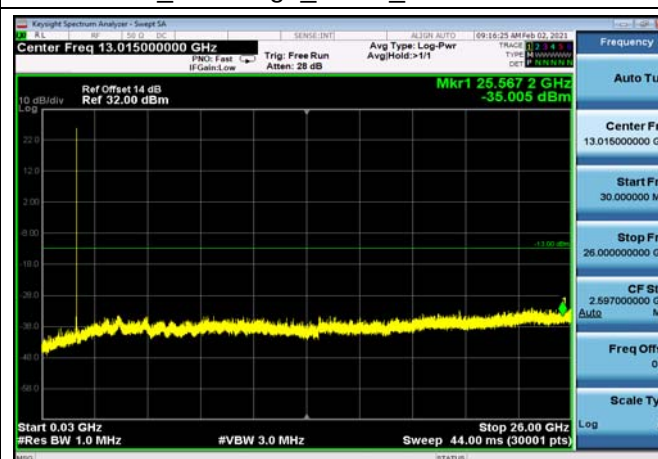
FDD04_MidRange_15MHz_30MHz~26GHz



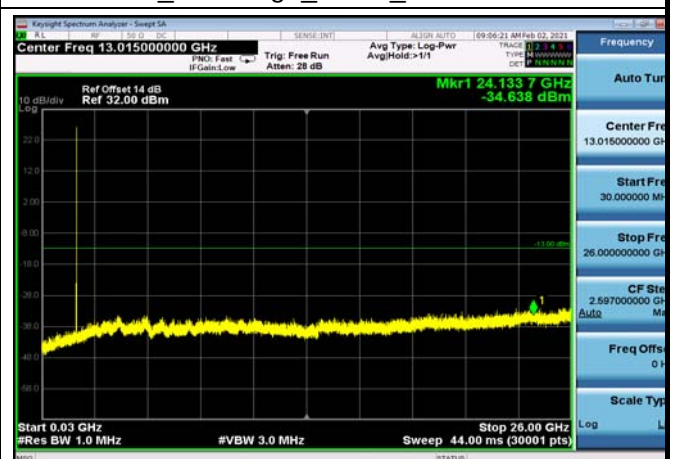
FDD04_MidRange_20MHz_30MHz~26GHz



FDD04_MidRange_3MHz_30MHz~26GHz

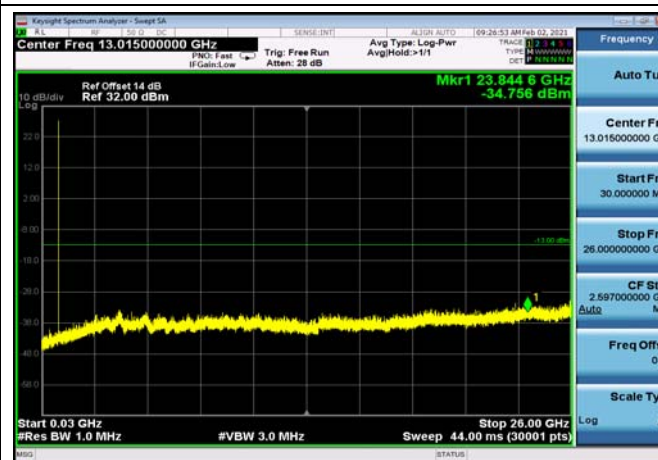


FDD04_MidRange_5MHz_30MHz~26GHz

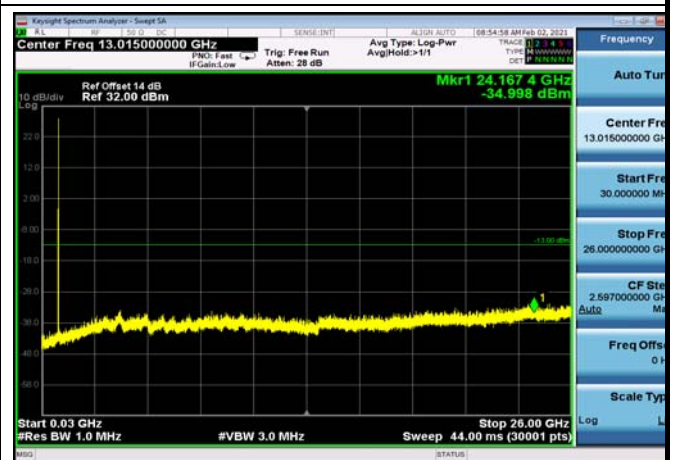




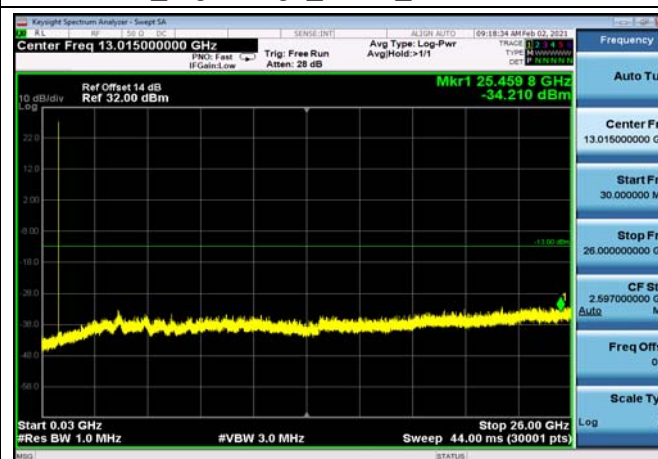
FDD05_HighRange_1.4MHz_30MHz~26GHz



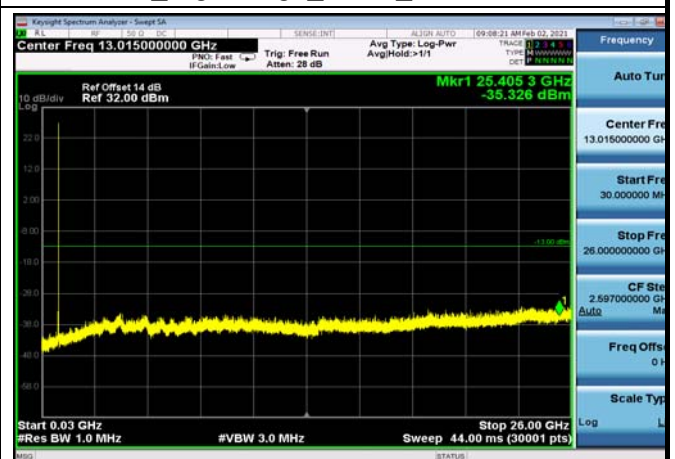
FDD05_HighRange_10MHz_30MHz~26GHz



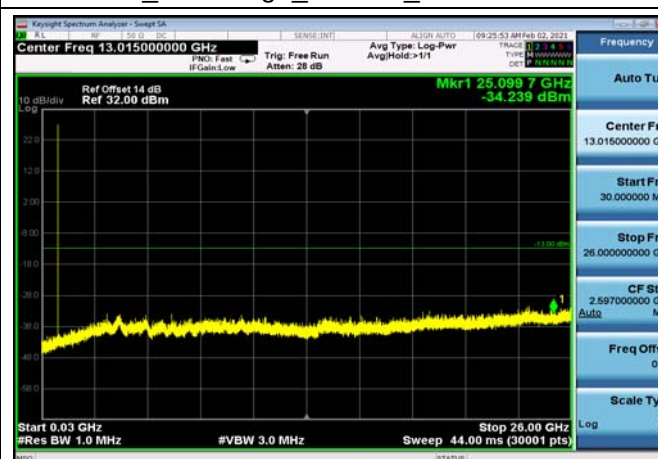
FDD05_HighRange_3MHz_30MHz~26GHz



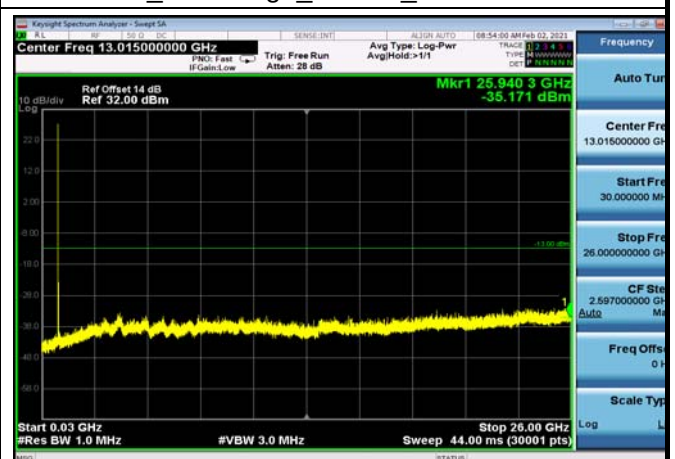
FDD05_HighRange_5MHz_30MHz~26GHz



FDD05_LowRange_1.4MHz_30MHz~26GHz

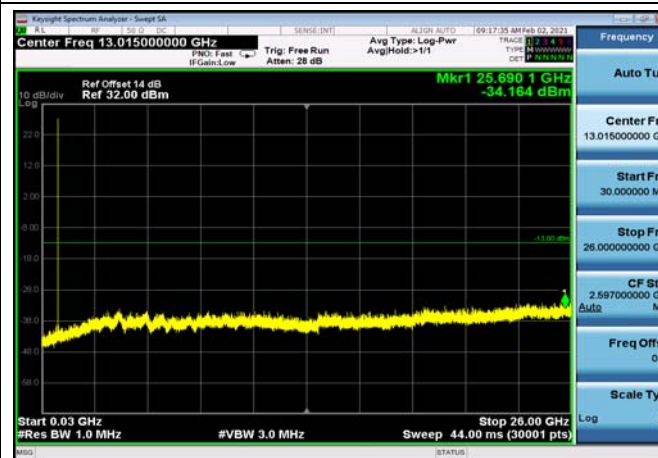


FDD05_LowRange_10MHz_30MHz~26GHz

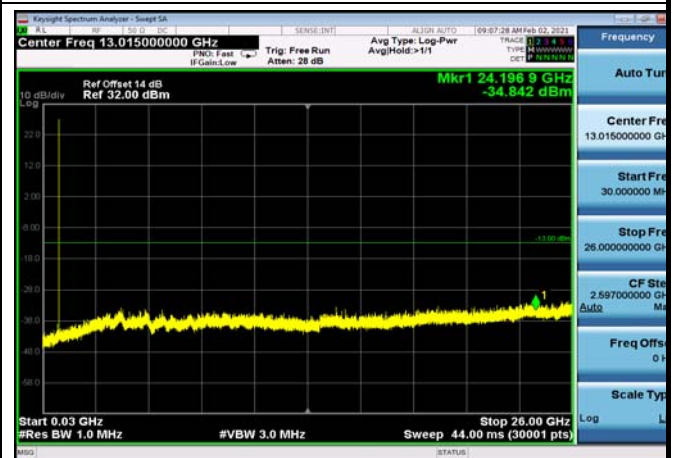




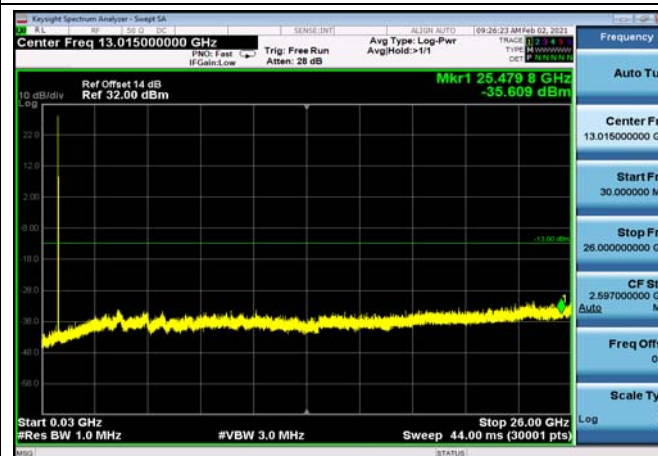
FDD05_LowRange_3MHz_30MHz~26GHz



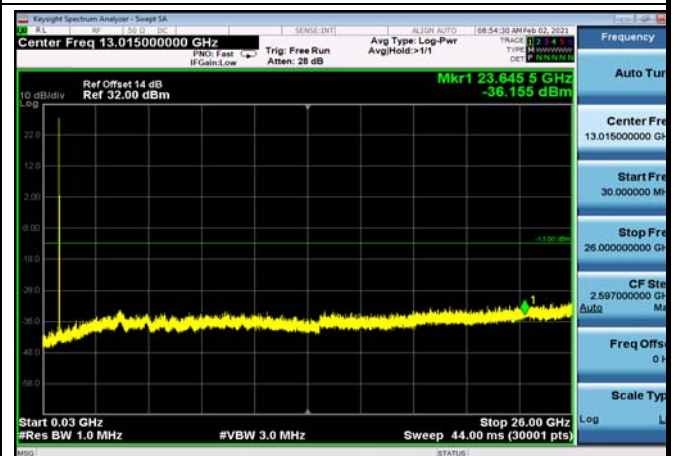
FDD05_LowRange_5MHz_30MHz~26GHz



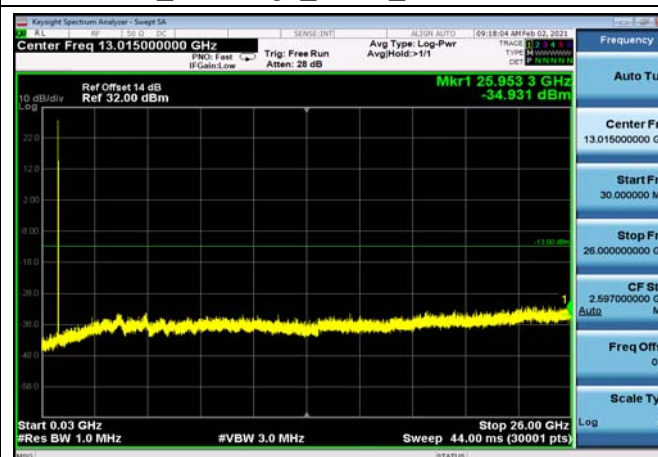
FDD05_MidRange_1.4MHz_30MHz~26GHz



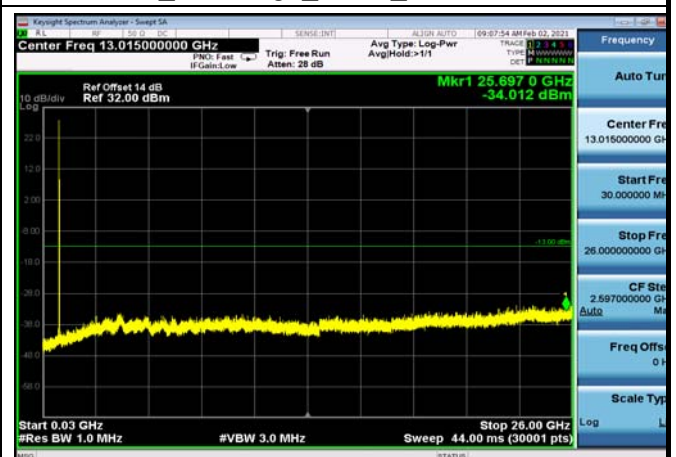
FDD05_MidRange_10MHz_30MHz~26GHz



FDD05_MidRange_3MHz_30MHz~26GHz

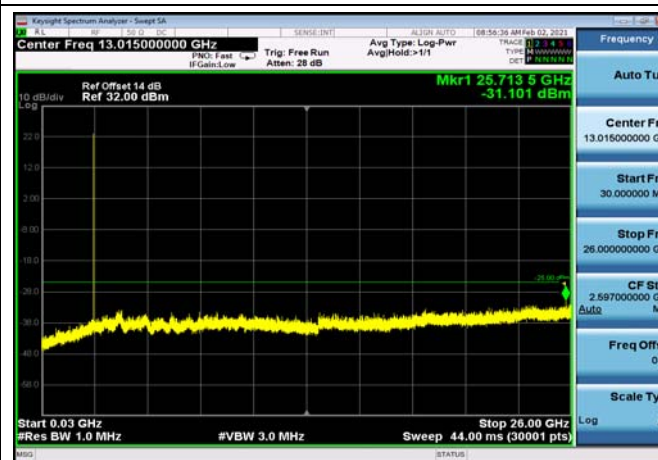


FDD05_MidRange_5MHz_30MHz~26GHz

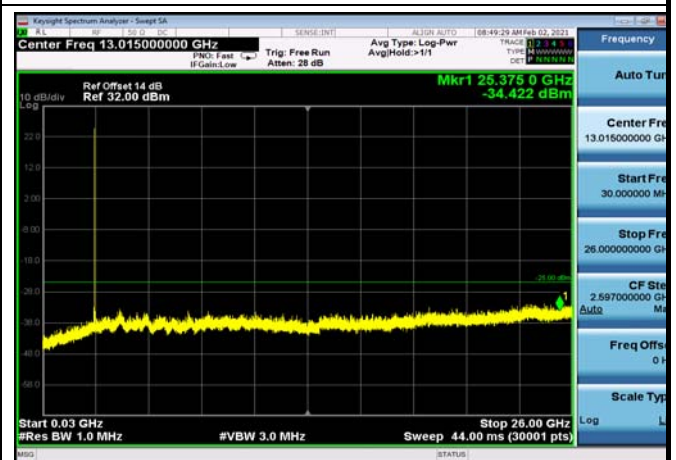




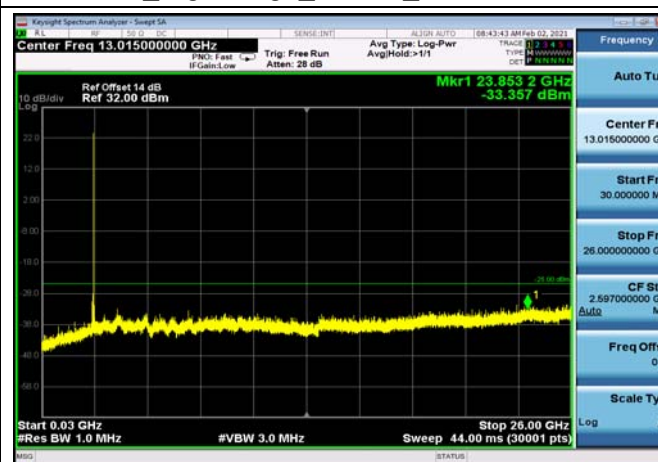
FDD07_HighRange_10MHz_30MHz~26GHz



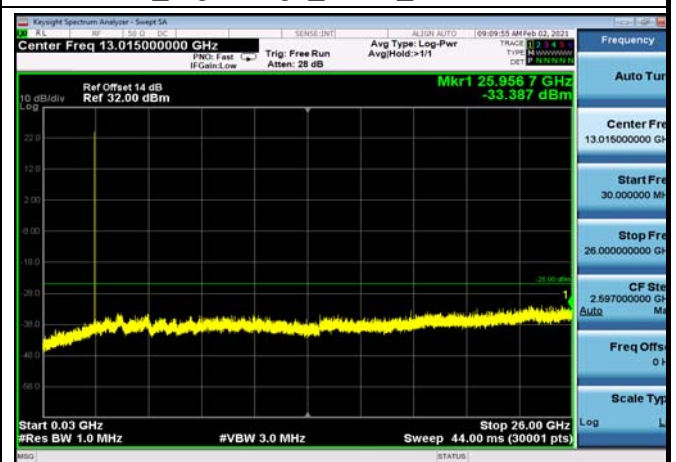
FDD07_HighRange_15MHz_30MHz~26GHz



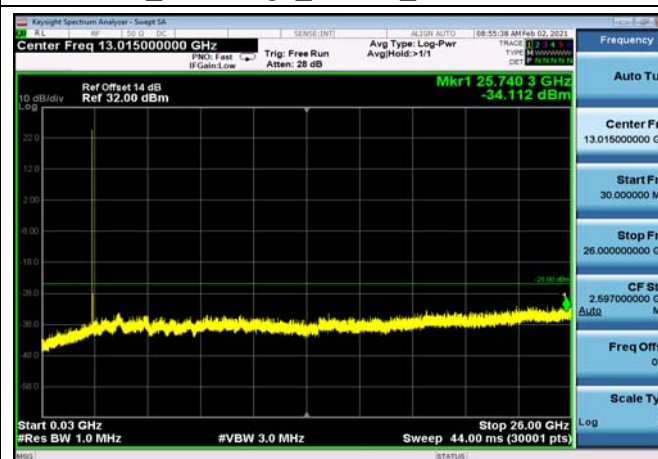
FDD07_HighRange_20MHz_30MHz~26GHz



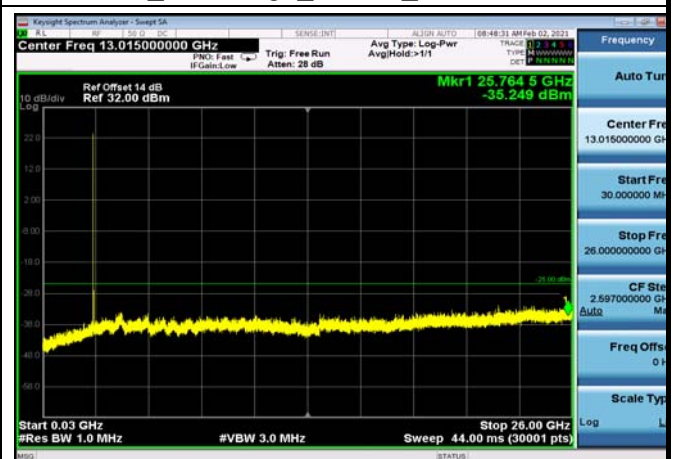
FDD07_HighRange_5MHz_30MHz~26GHz



FDD07_LowRange_10MHz_30MHz~26GHz

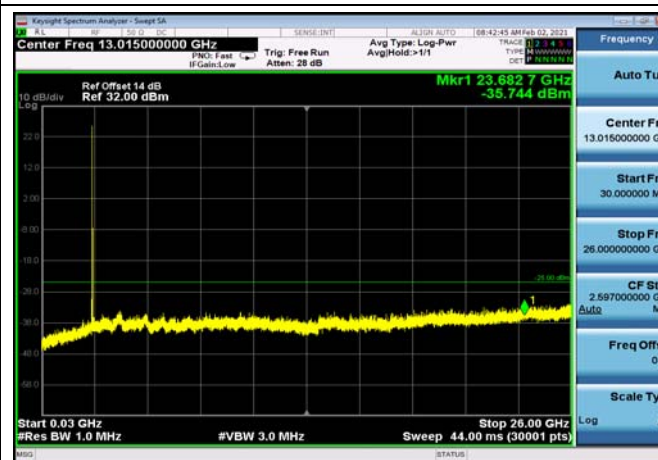


FDD07_LowRange_15MHz_30MHz~26GHz

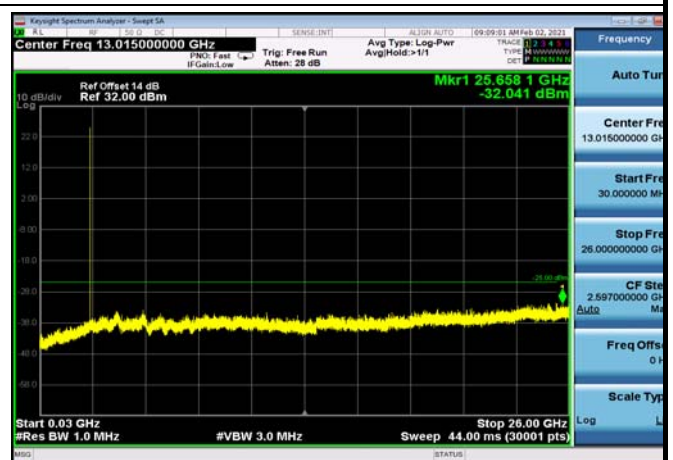




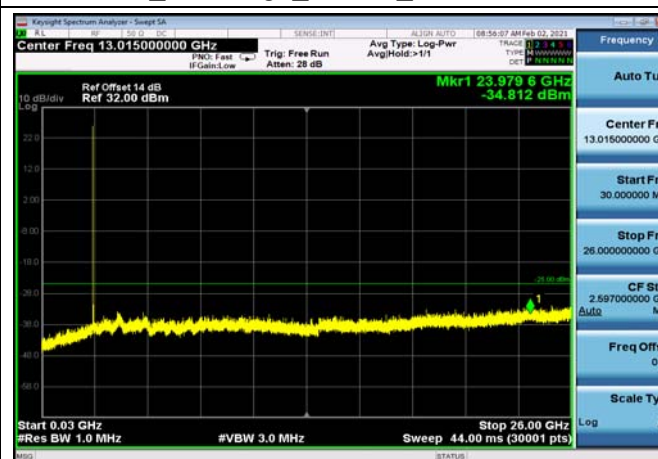
FDD07_LowRange_20MHz_30MHz~26GHz



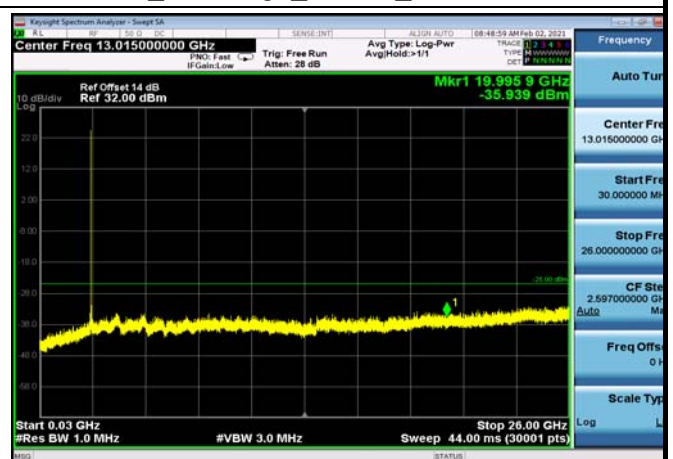
FDD07_LowRange_5MHz_30MHz~26GHz



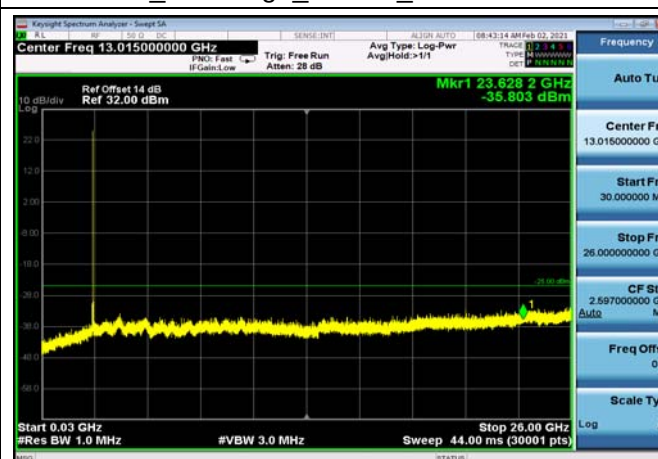
FDD07_MidRange_10MHz_30MHz~26GHz



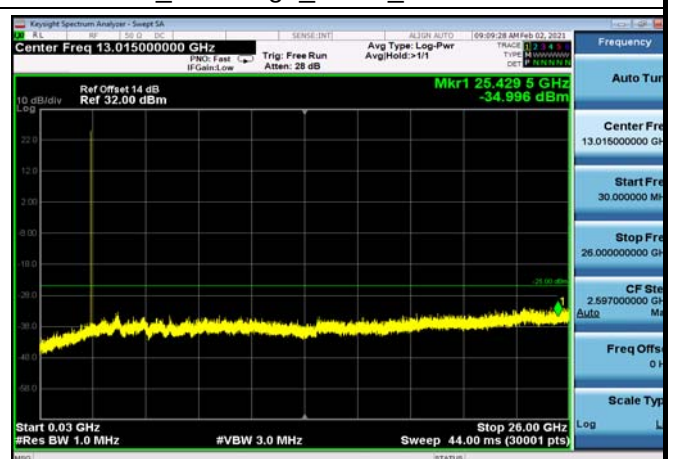
FDD07_MidRange_15MHz_30MHz~26GHz



FDD07_MidRange_20MHz_30MHz~26GHz

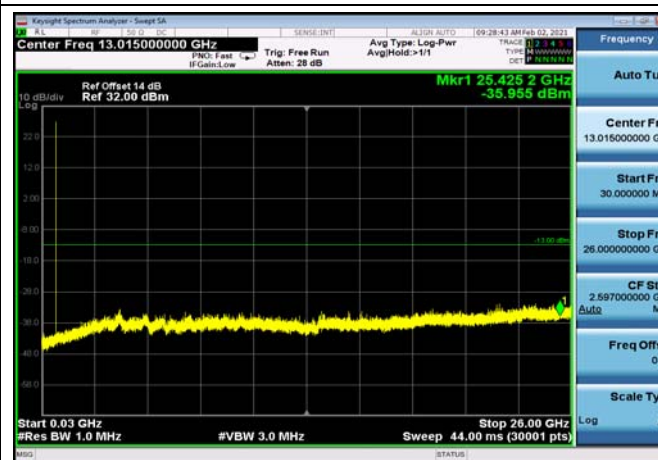


FDD07_MidRange_5MHz_30MHz~26GHz

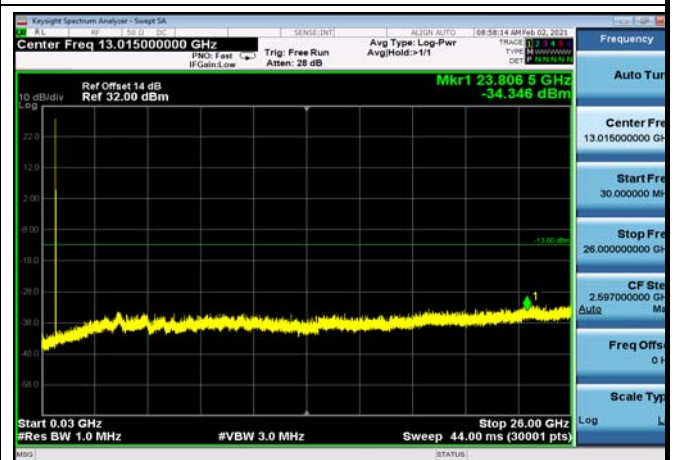




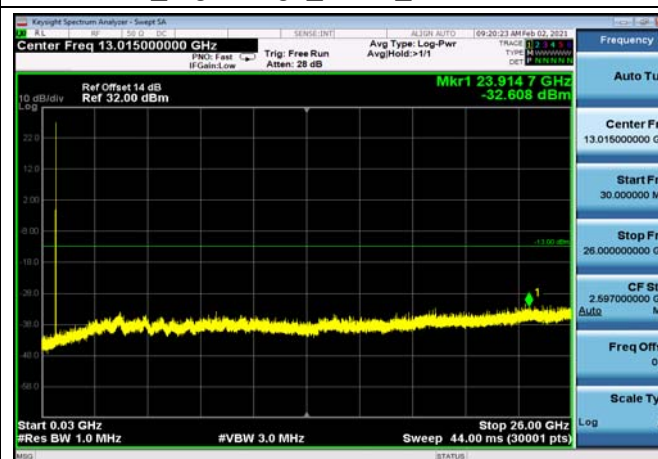
FDD12_HighRange_1.4MHz_30MHz~26GHz



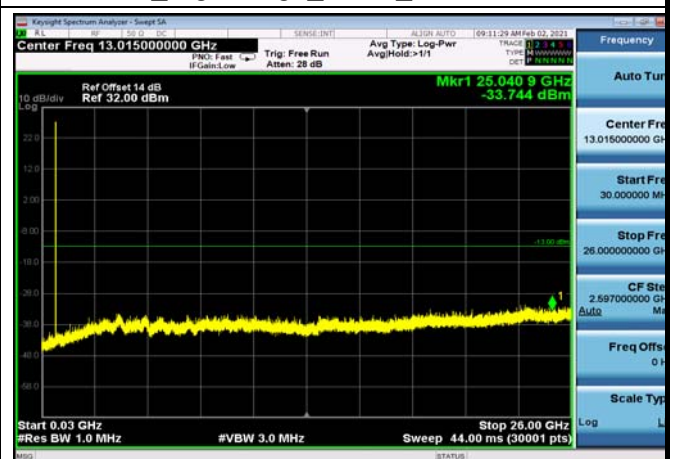
FDD12_HighRange_10MHz_30MHz~26GHz



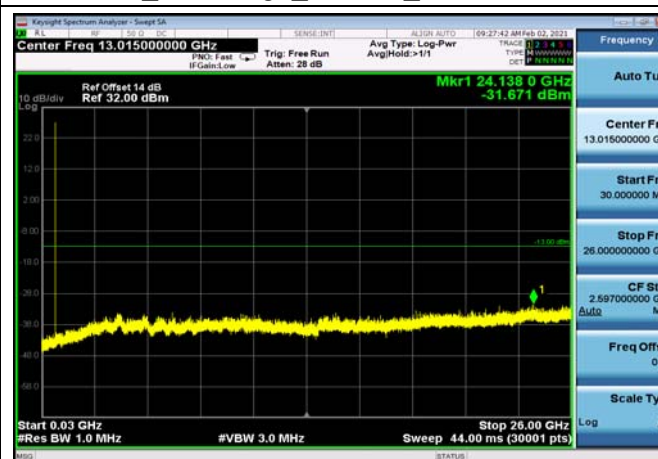
FDD12_HighRange_3MHz_30MHz~26GHz



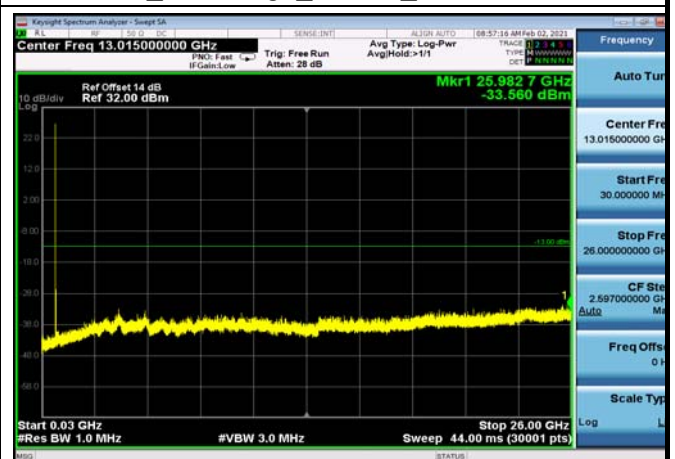
FDD12_HighRange_5MHz_30MHz~26GHz



FDD12_LowRange_1.4MHz_30MHz~26GHz

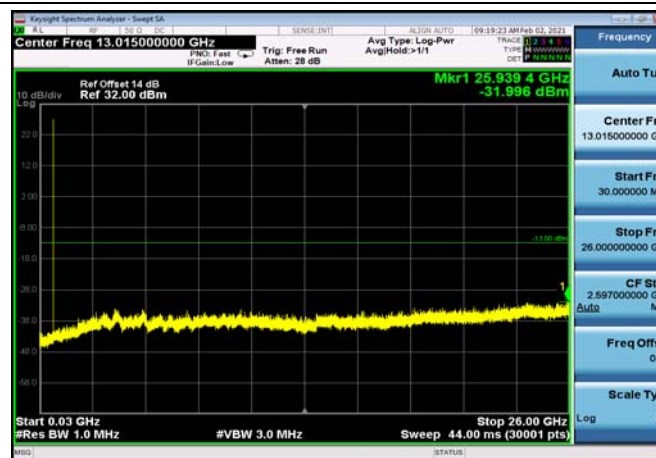


FDD12_LowRange_10MHz_30MHz~26GHz

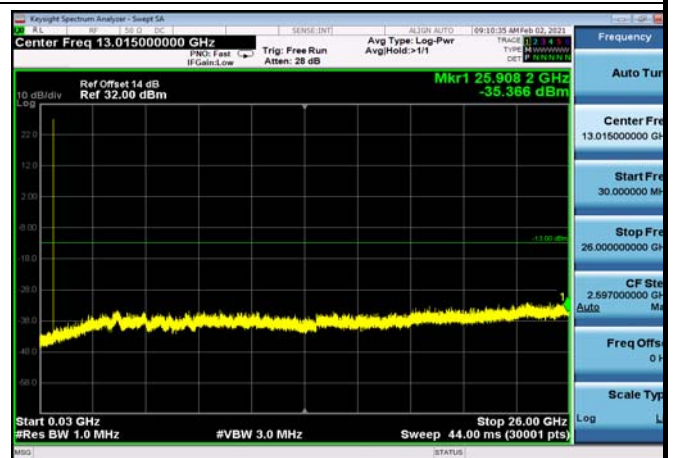




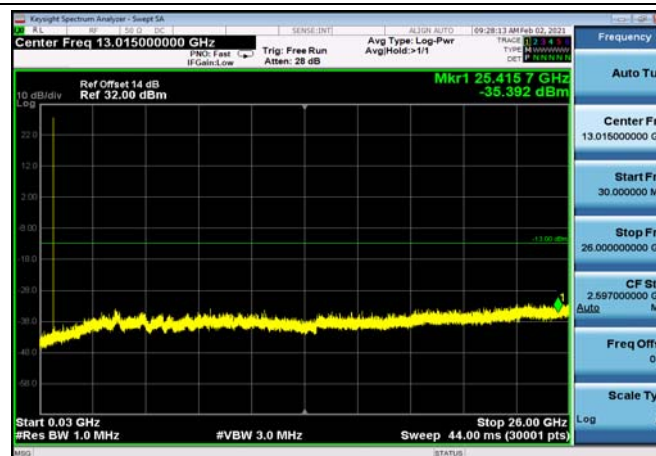
FDD12_LowRange_3MHz_30MHz~26GHz



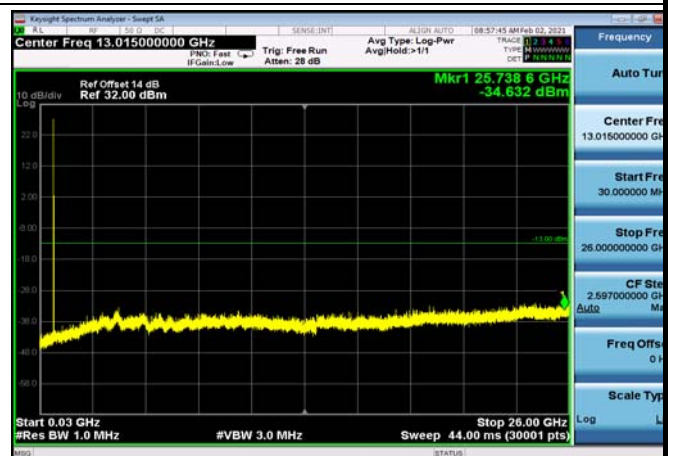
FDD12_LowRange_5MHz_30MHz~26GHz



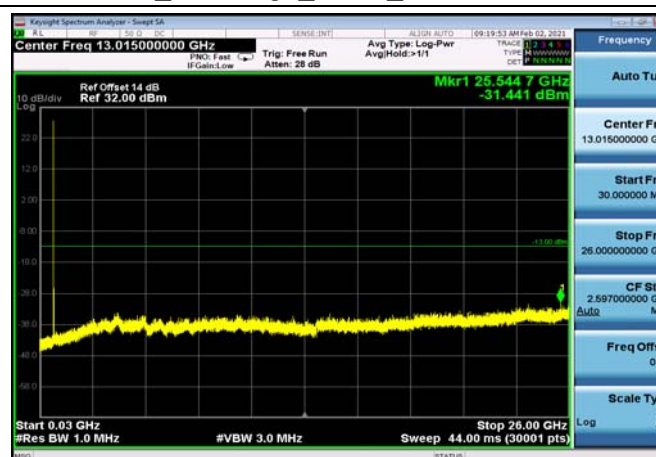
FDD12_MidRange_1.4MHz_30MHz~26GHz



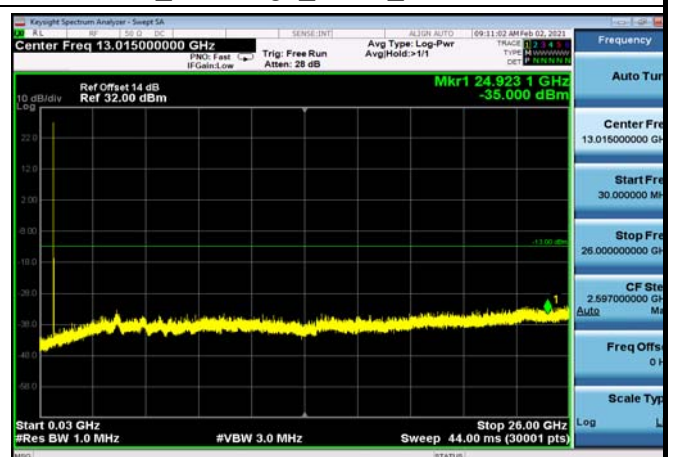
FDD12_MidRange_10MHz_30MHz~26GHz



FDD12_MidRange_3MHz_30MHz~26GHz

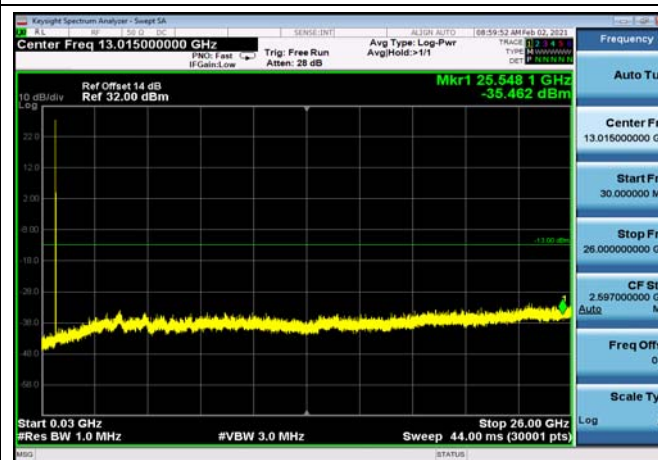


FDD12_MidRange_5MHz_30MHz~26GHz

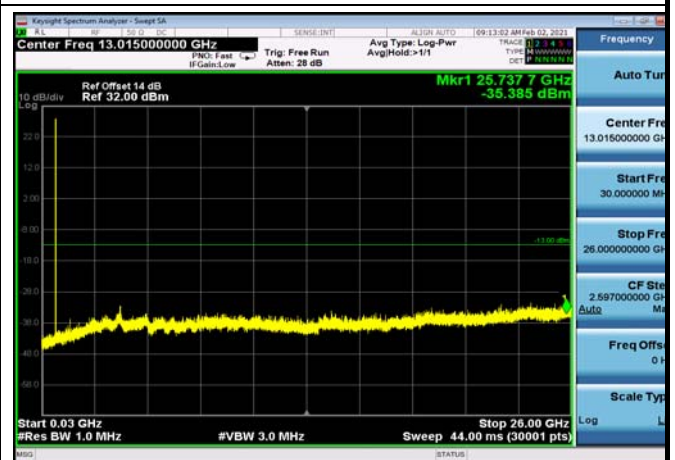




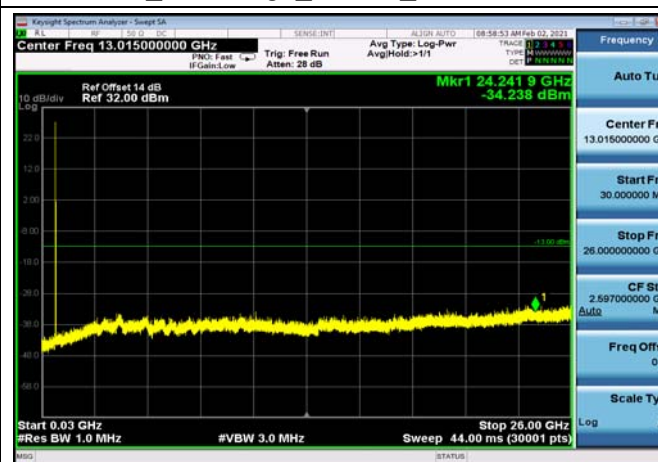
FDD17_HighRange_10MHz_30MHz~26GHz



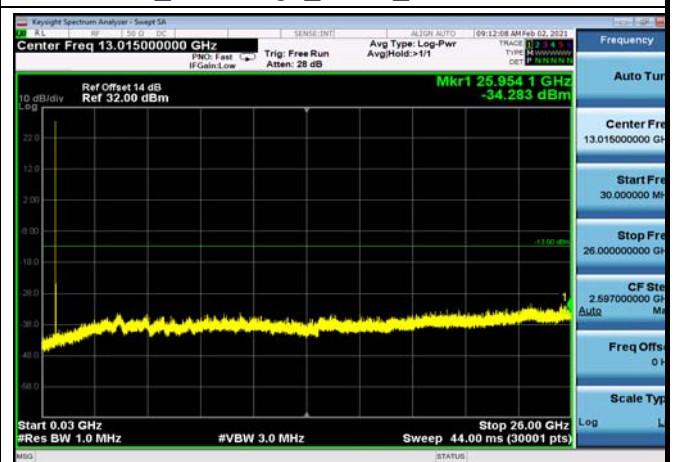
FDD17_HighRange_5MHz_30MHz~26GHz



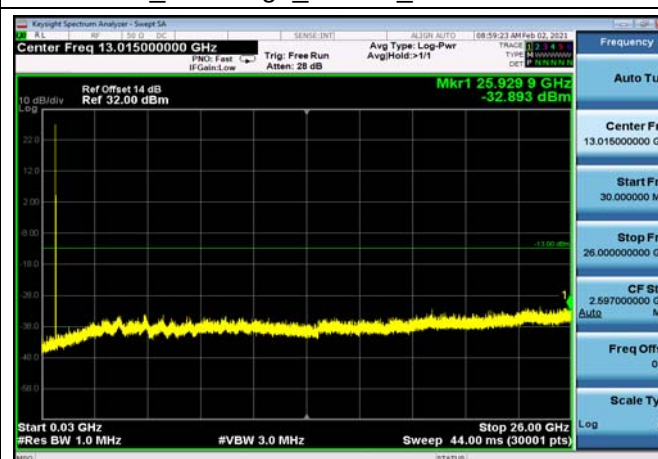
FDD17_LowRange_10MHz_30MHz~26GHz



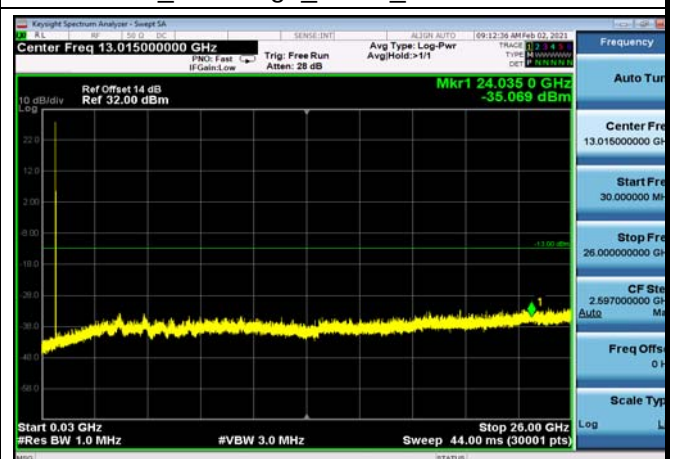
FDD17_LowRange_5MHz_30MHz~26GHz



FDD17_MidRange_10MHz_30MHz~26GHz



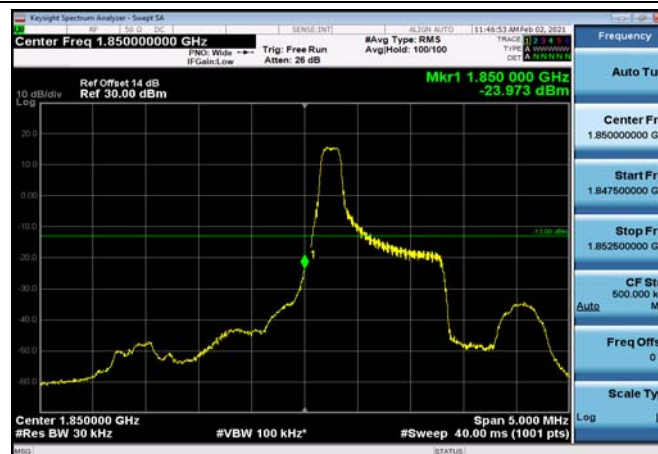
FDD17_MidRange_5MHz_30MHz~26GHz



Conducted Band Edge

Test Result and Data

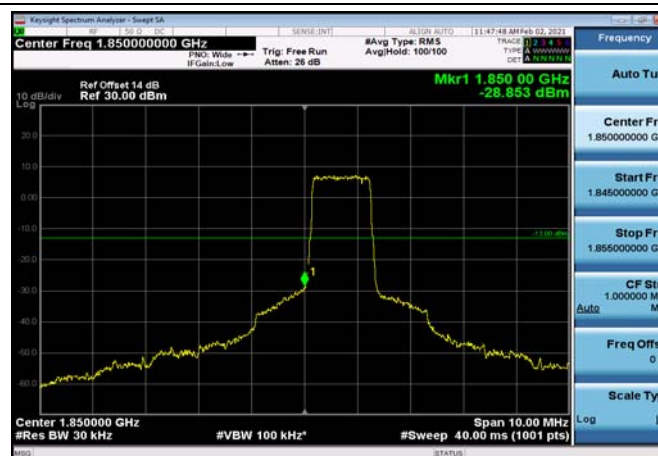
LowRange_FDD02_1.4MHz_1850.7_OneRB
_low_QPSK



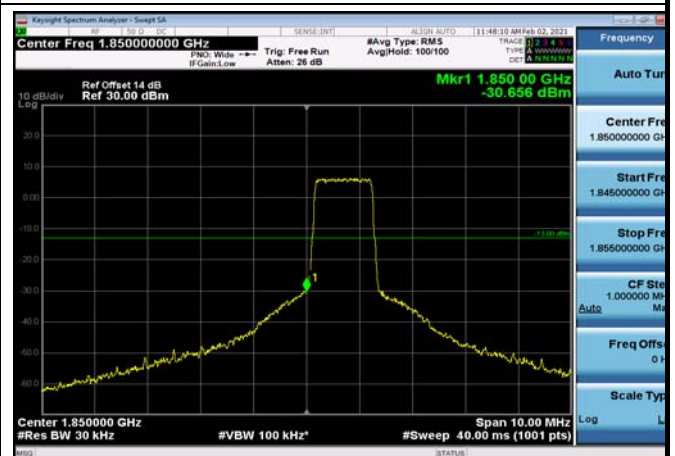
LowRange_FDD02_1.4MHz_1850.7_OneRB
_low_Q16

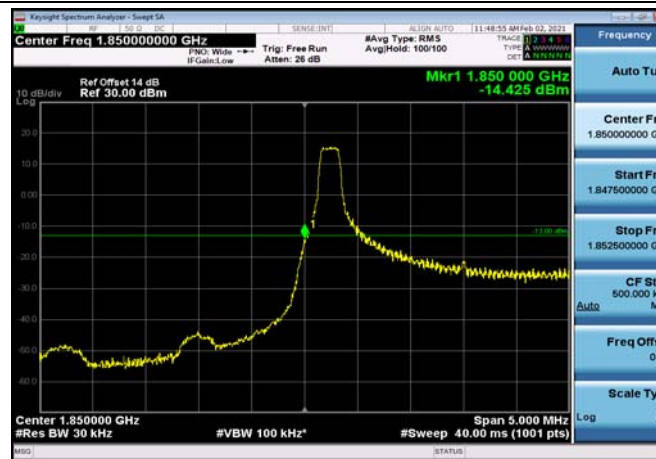
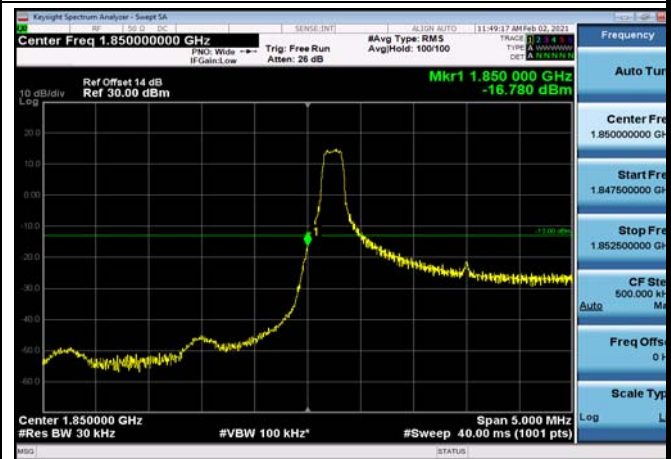
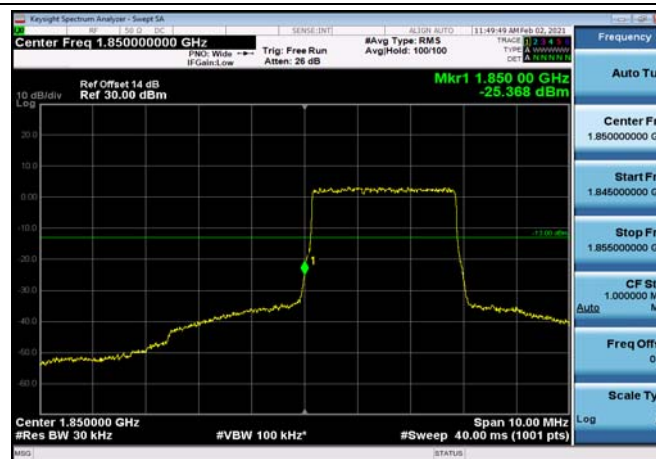
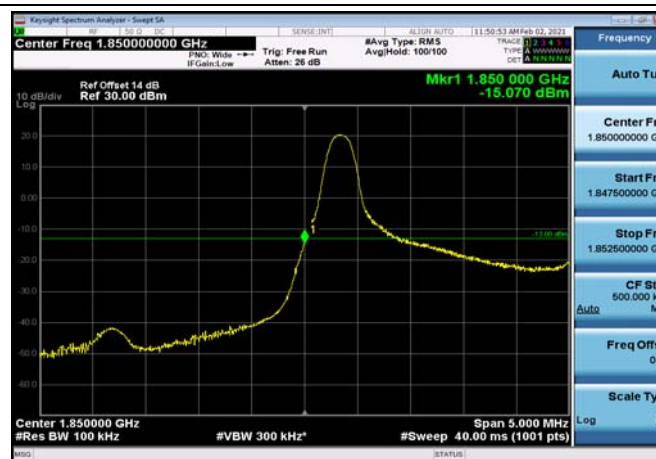
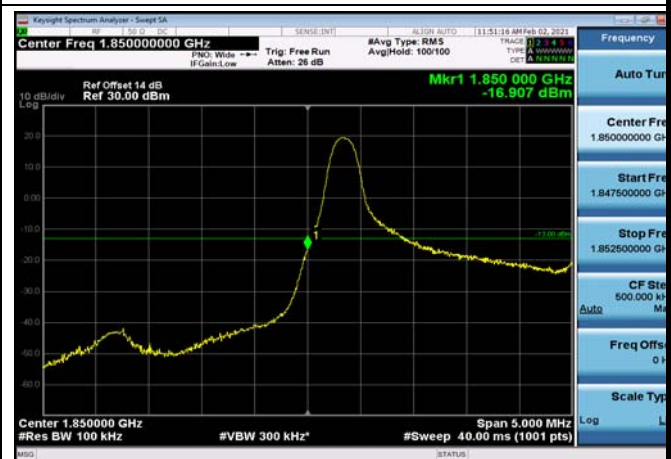


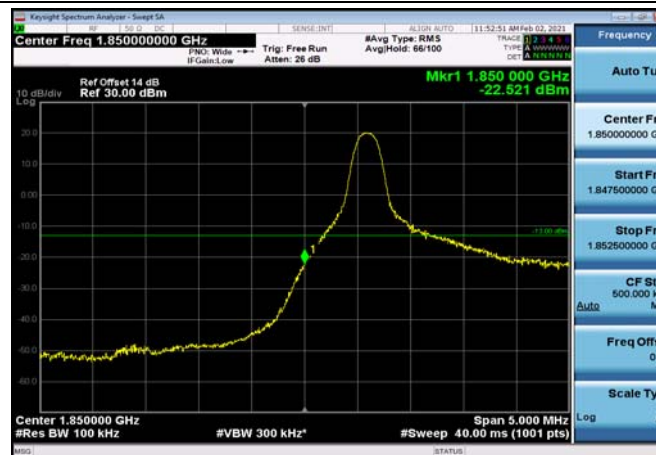
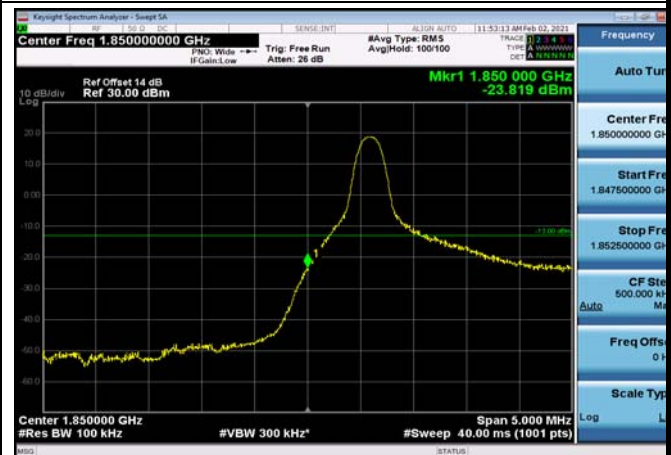
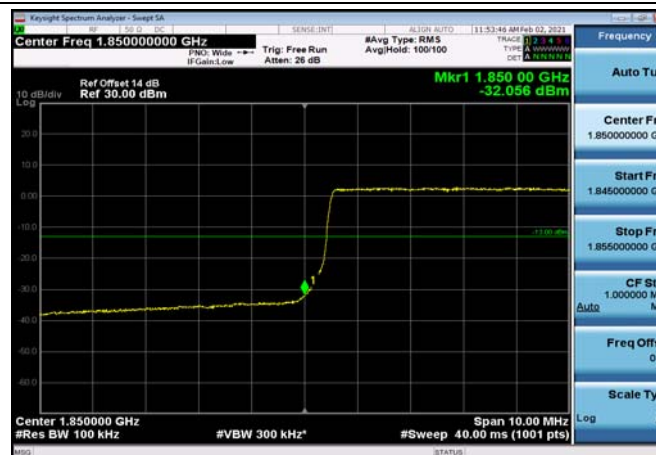
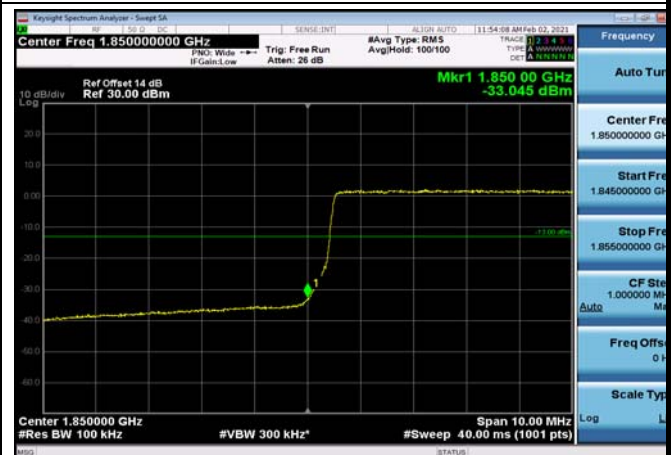
LowRange_FDD02_1.4MHz_1850.7_fullRB
_Low_QPSK

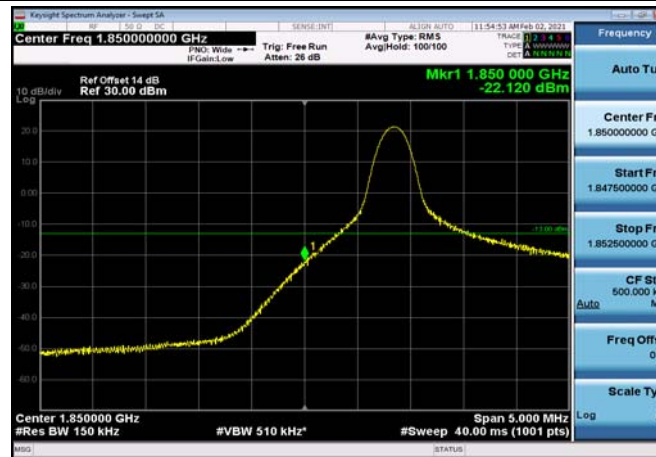
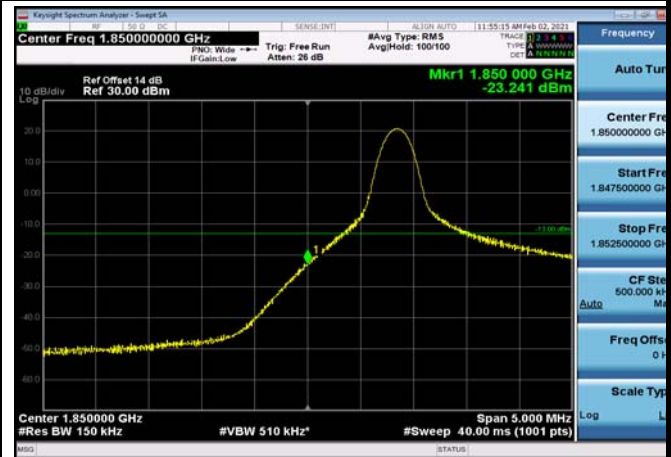
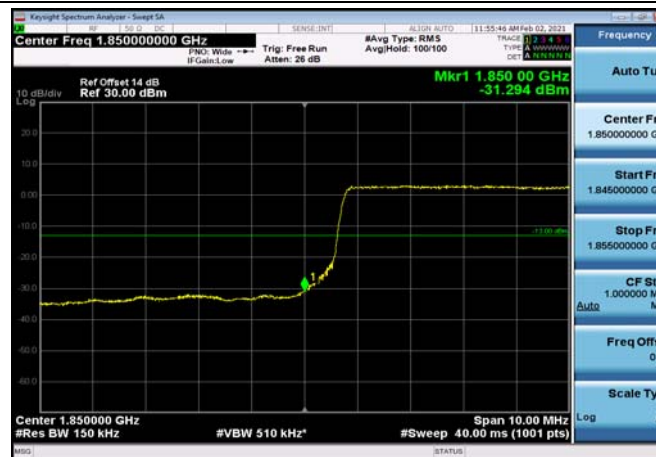
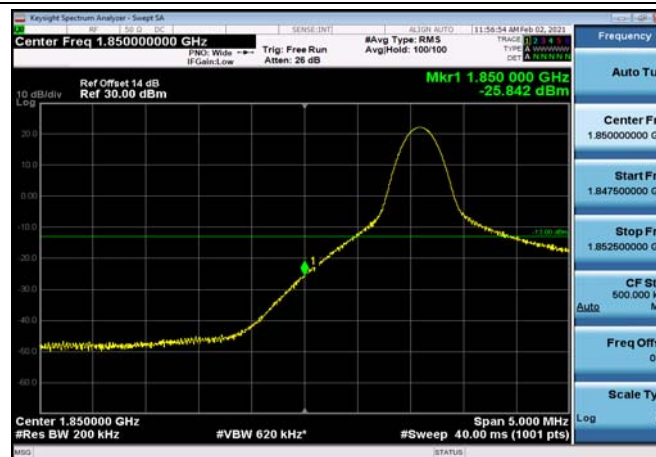
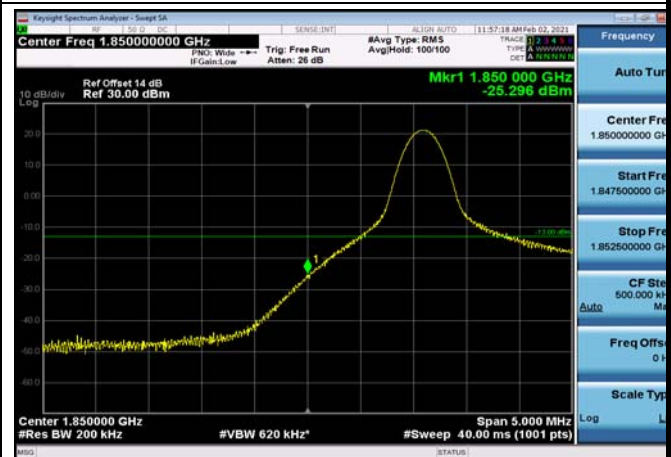


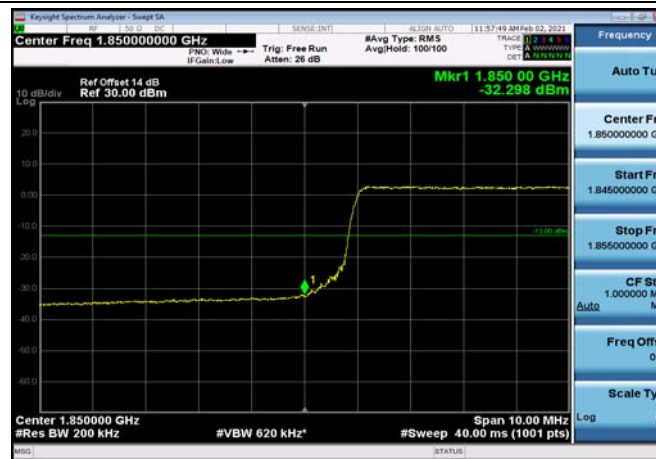
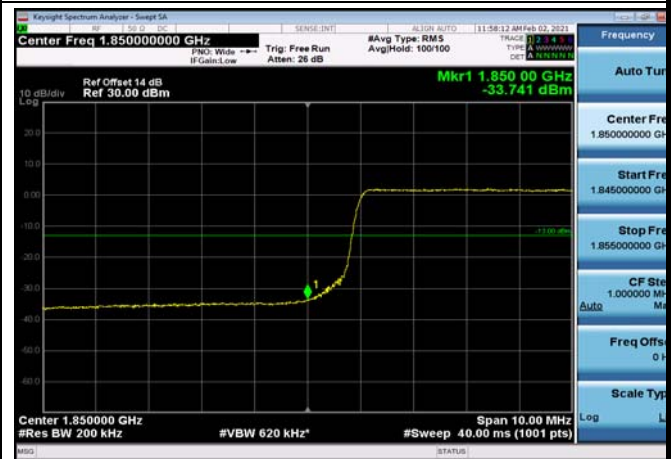
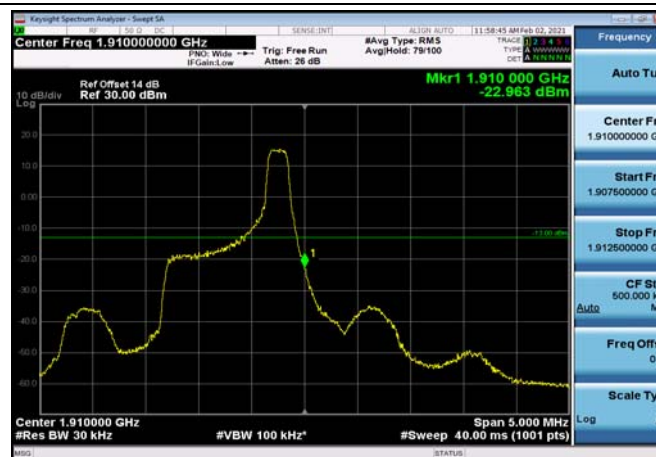
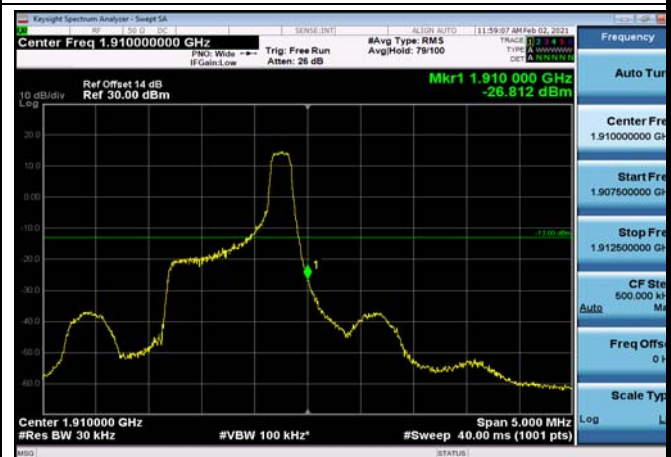
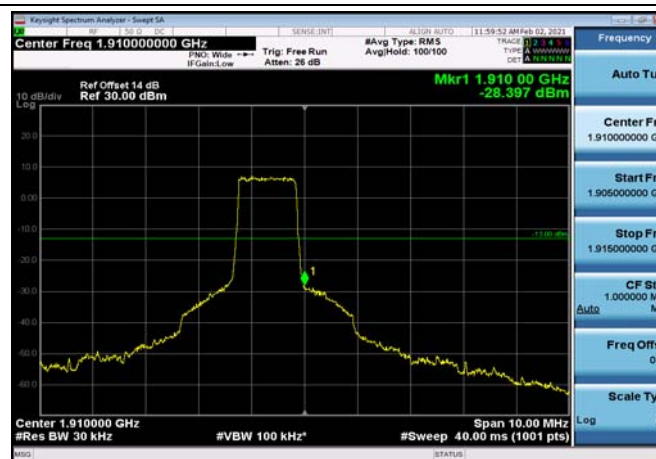
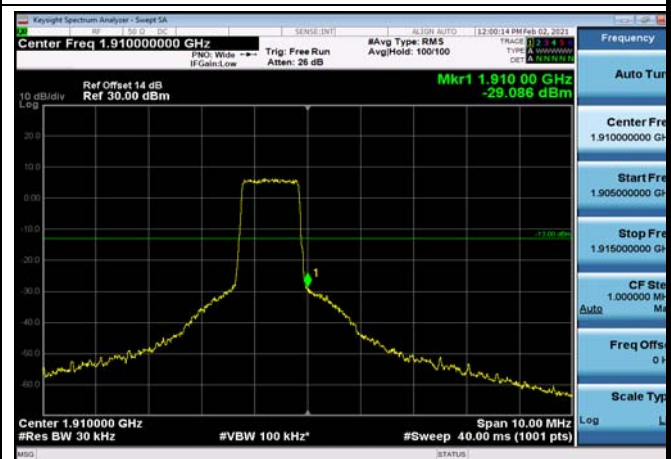
LowRange_FDD02_1.4MHz_1850.7_fullRB
_Low_Q16

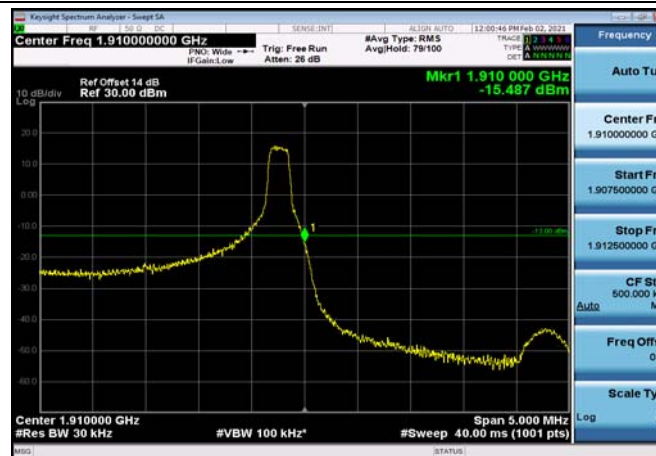
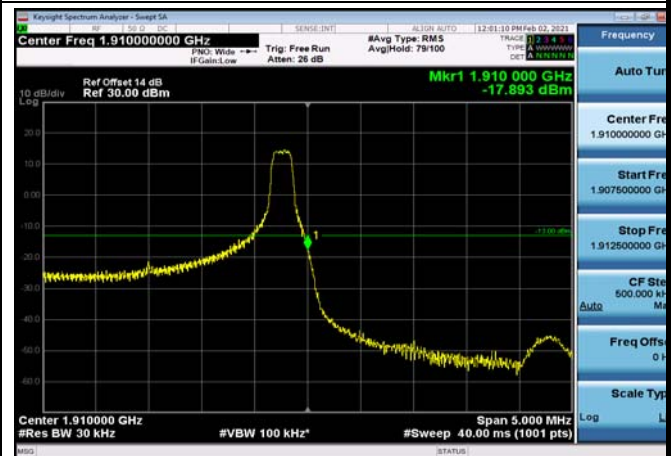
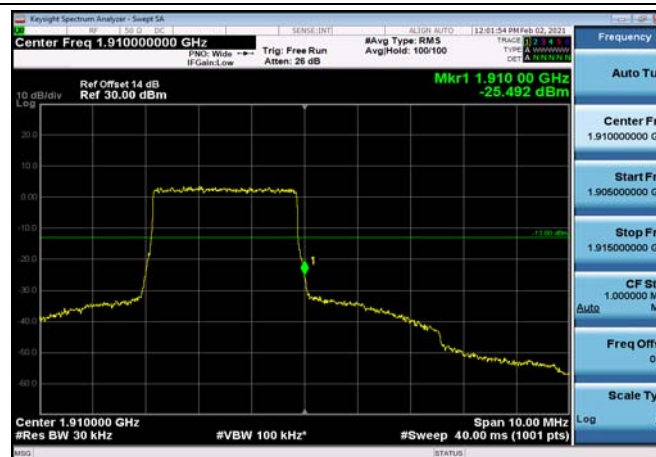
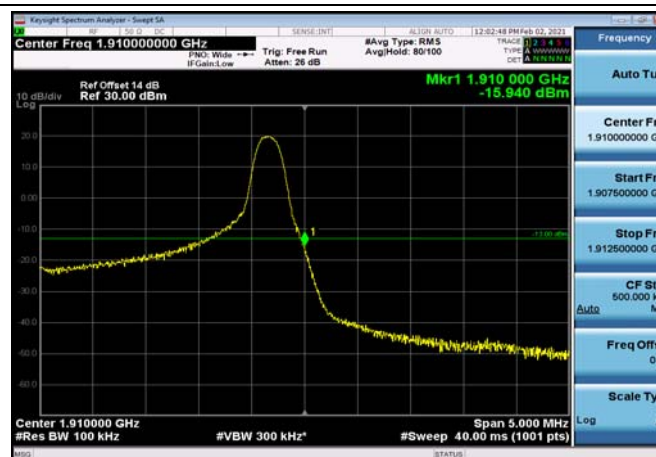


LowRange_FDD02_3MHz_1851.5_OneRB
_low_QPSKLowRange_FDD02_3MHz_1851.5_OneRB
_low_Q16LowRange_FDD02_3MHz_1851.5_fullRB
_Low_QPSKLowRange_FDD02_3MHz_1851.5_fullRB
_Low_Q16LowRange_FDD02_5MHz_1852.5_OneRB
_low_QPSKLowRange_FDD02_5MHz_1852.5_OneRB
_low_Q16

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