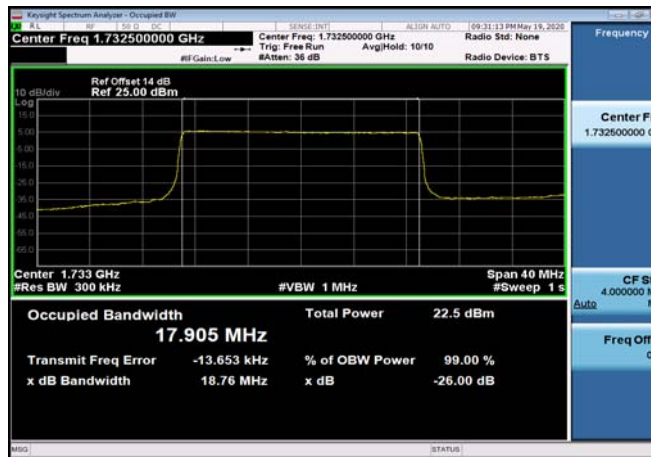
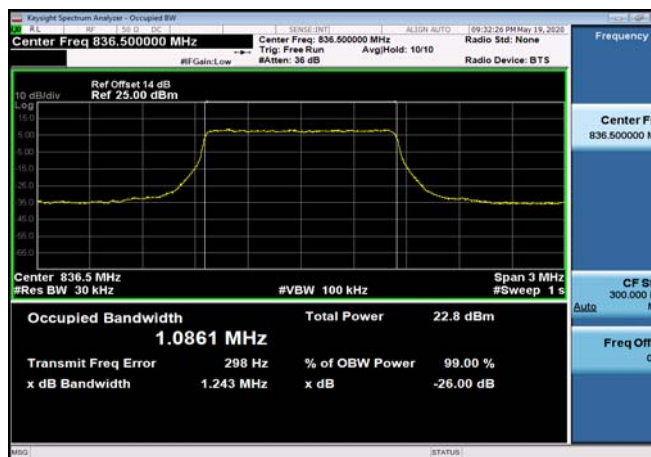
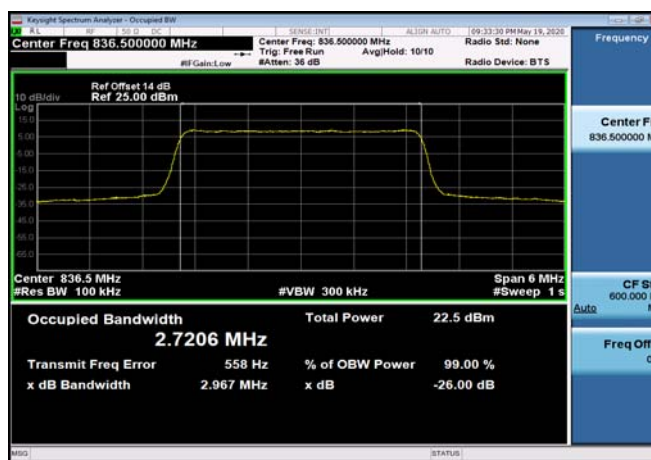
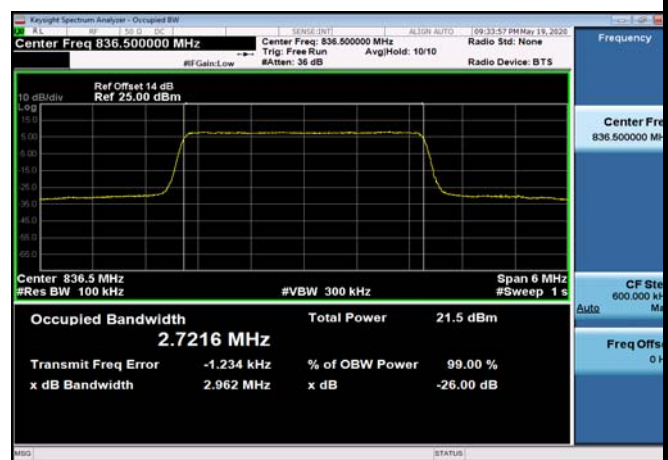


FDD04_MidRange_20MHz_1732.5MHz
_QPSKFDD04_MidRange_20MHz_1732.5MHz
_Q16FDD05_MidRange_1.4MHz_836.5MHz
_QPSKFDD05_MidRange_1.4MHz_836.5MHz
_Q16

FDD05_MidRange_3MHz_836.5MHz_QPSK



FDD05_MidRange_3MHz_836.5MHz_Q16





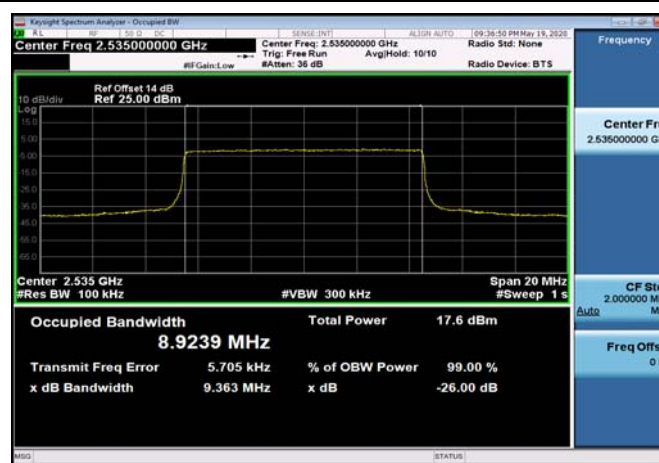
FDD05_MidRange_5MHz_836.5MHz_QPSK



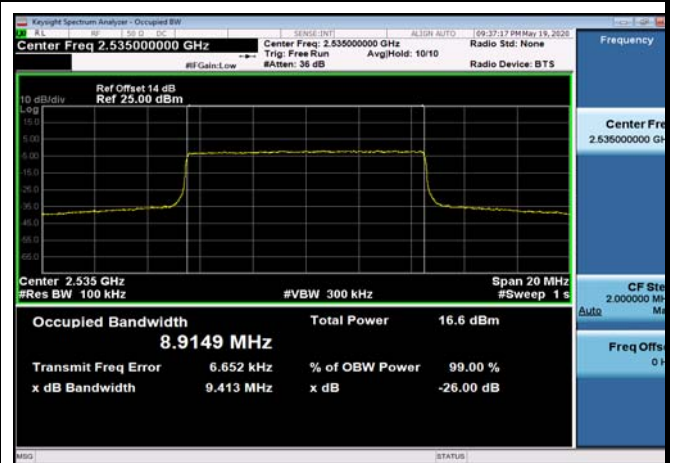
FDD05_MidRange_5MHz_836.5MHz_Q16



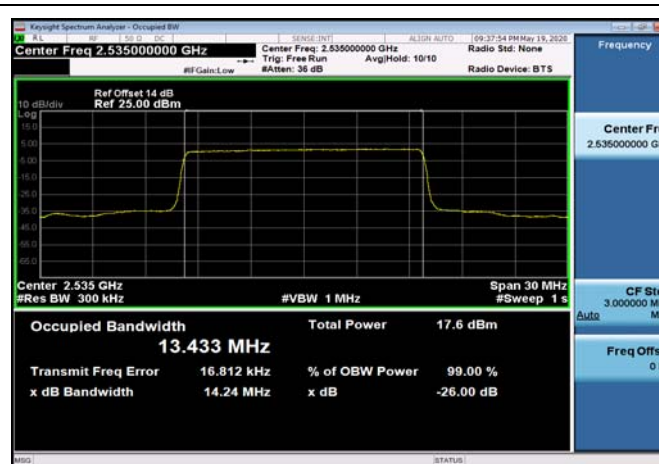
FDD07_MidRange_10MHz_2535MHz_QPSK



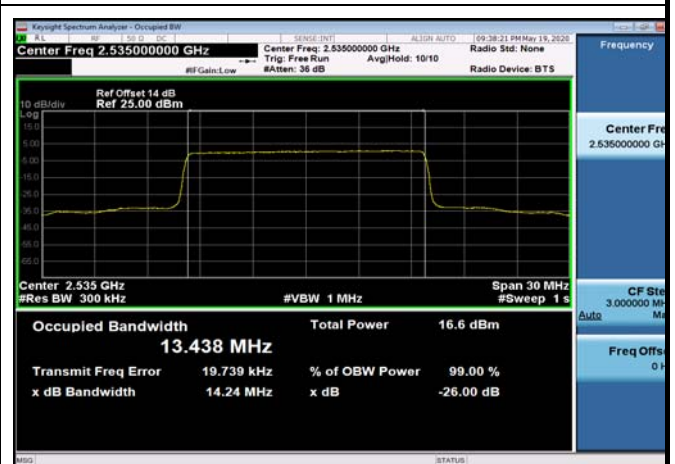
FDD07_MidRange_10MHz_2535MHz_Q16



FDD07_MidRange_15MHz_2535MHz_QPSK

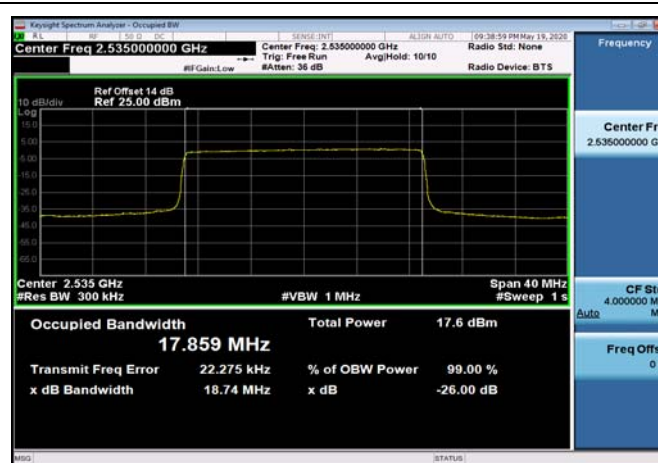


FDD07_MidRange_15MHz_2535MHz_Q16

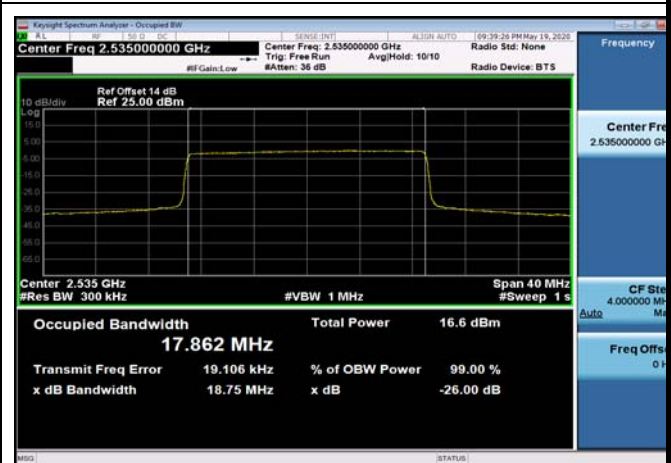




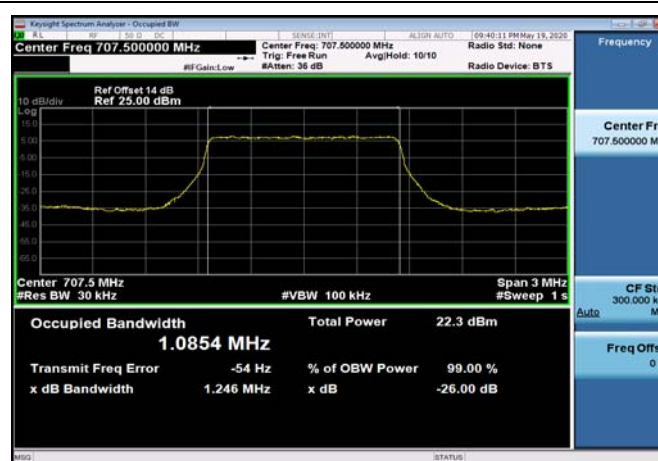
FDD07_MidRange_20MHz_2535MHz_QPSK



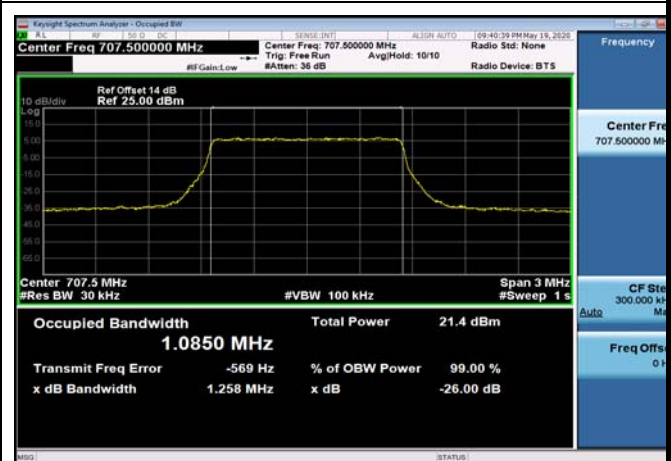
FDD07_MidRange_20MHz_2535MHz_Q16



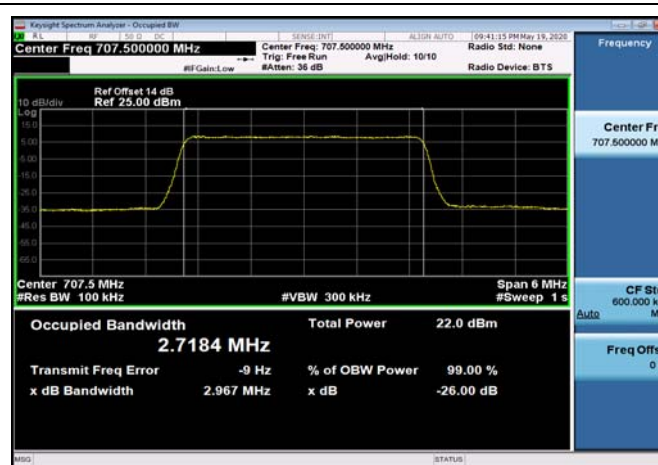
FDD12_MidRange_1.4MHz_707.5MHz_QPSK



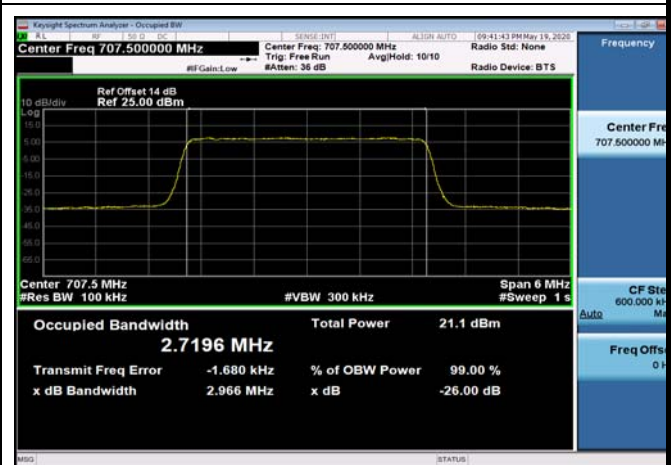
FDD12_MidRange_1.4MHz_707.5MHz_Q16



FDD12_MidRange_3MHz_707.5MHz_QPSK

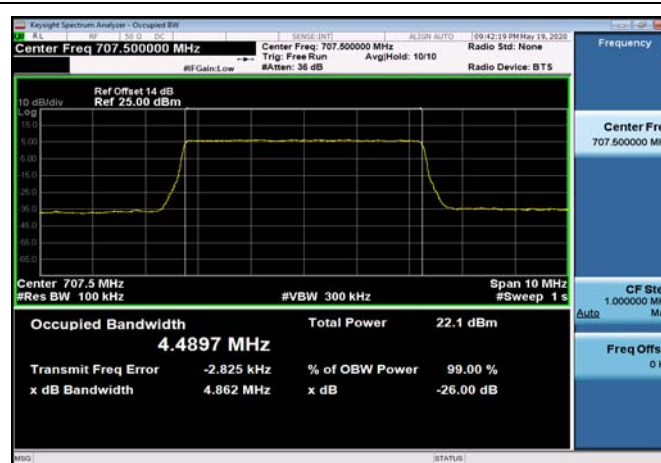


FDD12_MidRange_3MHz_707.5MHz_Q16

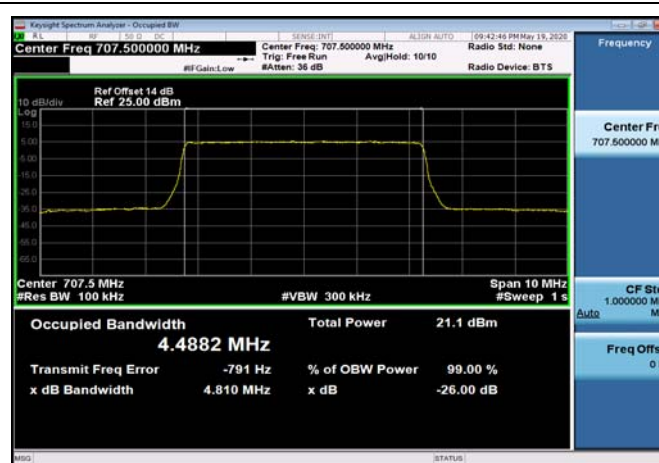




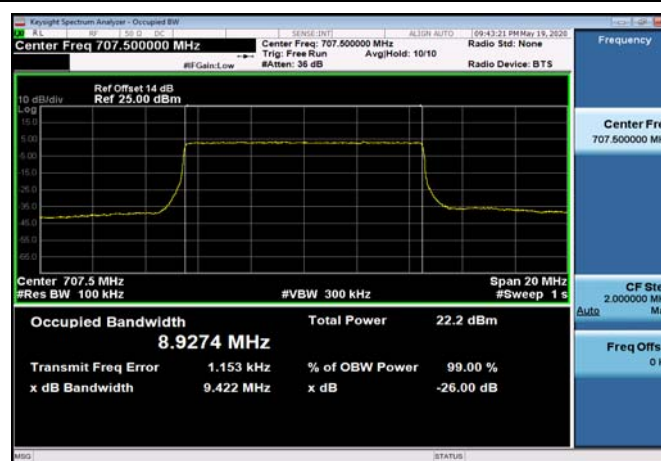
FDD12_MidRange_5MHz_707.5MHz_QPSK



FDD12_MidRange_5MHz_707.5MHz_Q16



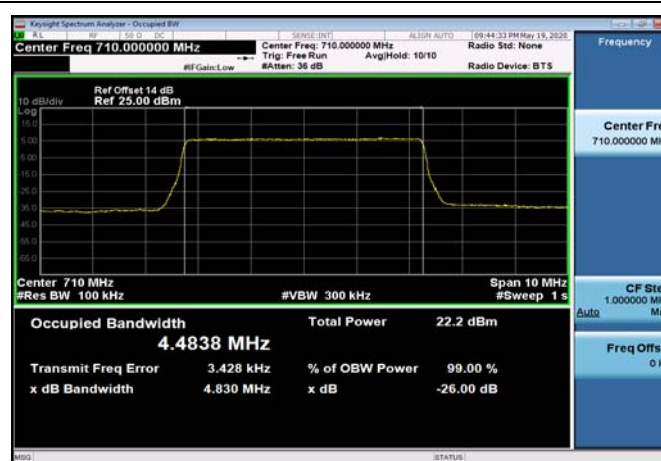
FDD12_MidRange_10MHz_707.5MHz_QPSK



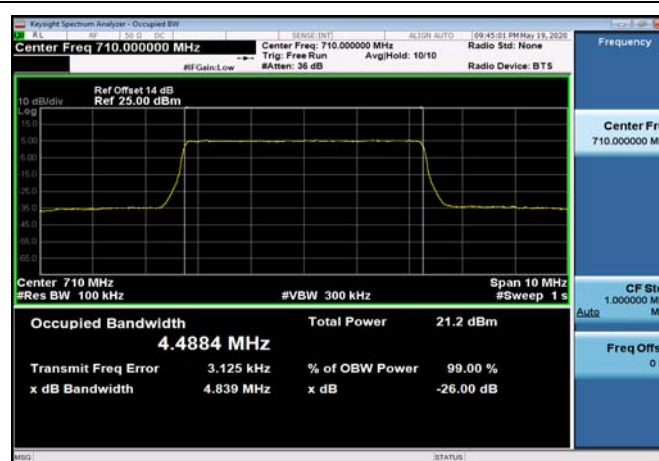
FDD12_MidRange_10MHz_707.5MHz_Q16



FDD17_MidRange_5MHz_710MHz_QPSK

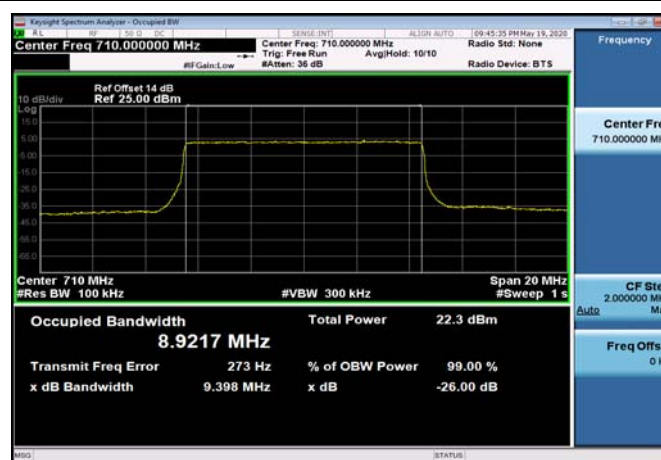


FDD17_MidRange_5MHz_710MHz_Q16





FDD17_MidRange_10MHz_710MHz_QPSK



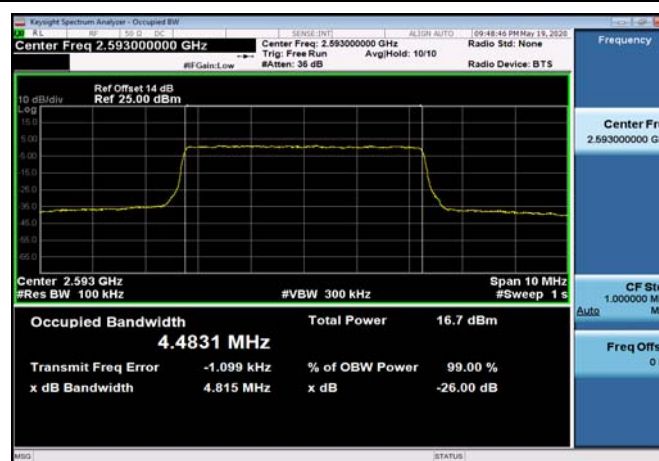
FDD17_MidRange_10MHz_710MHz_Q16



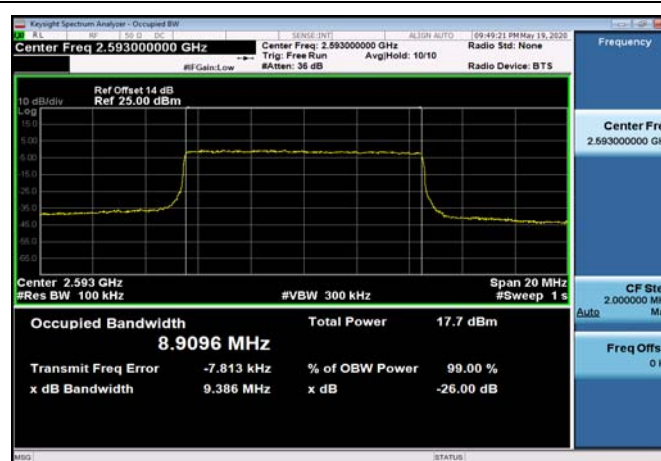
TDD41_MidRange_5MHz_2593MHz_QPSK



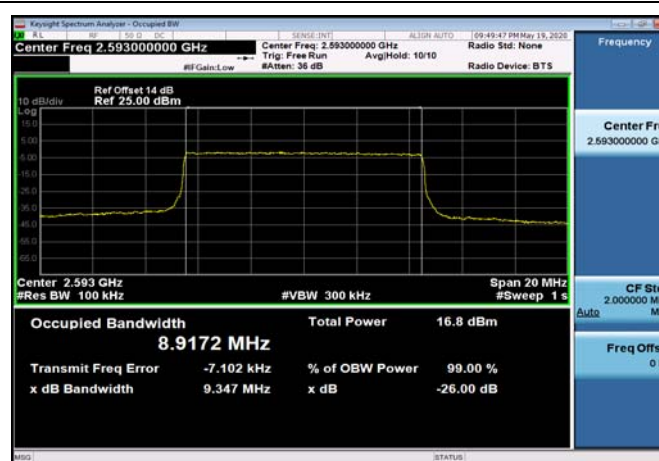
TDD41_MidRange_5MHz_2593MHz_Q16



TDD41_MidRange_10MHz_2593MHz_QPSK

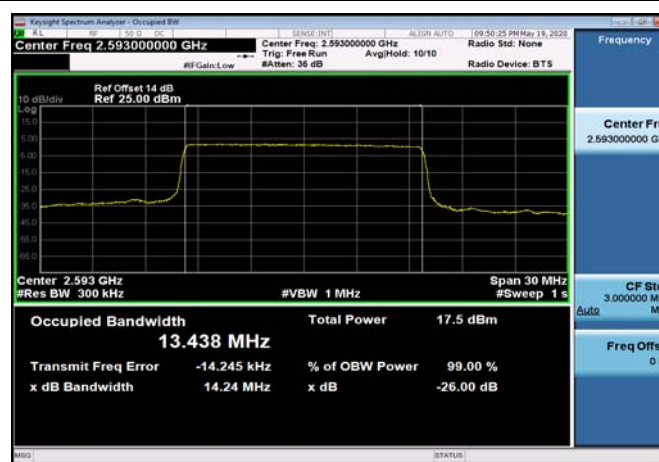


TDD41_MidRange_10MHz_2593MHz_Q16

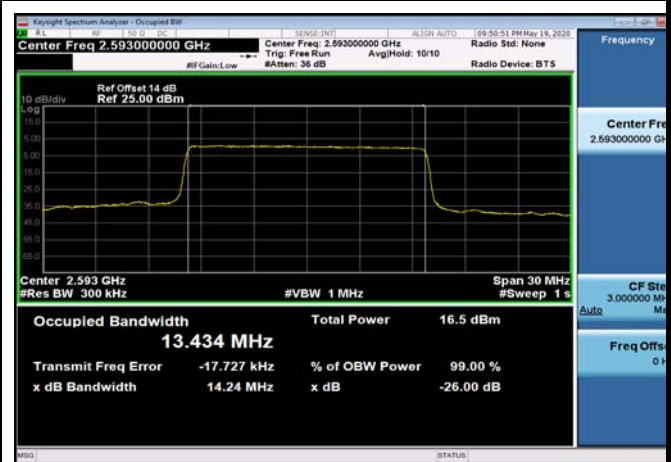




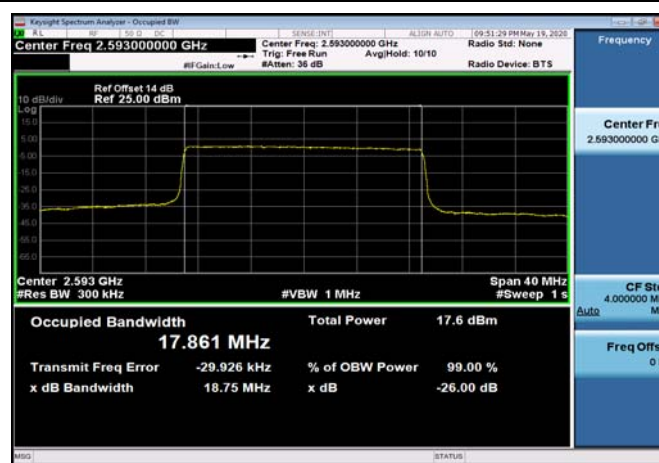
TDD41_MidRange_15MHz_2593MHz_QPSK



TDD41_MidRange_15MHz_2593MHz_Q16



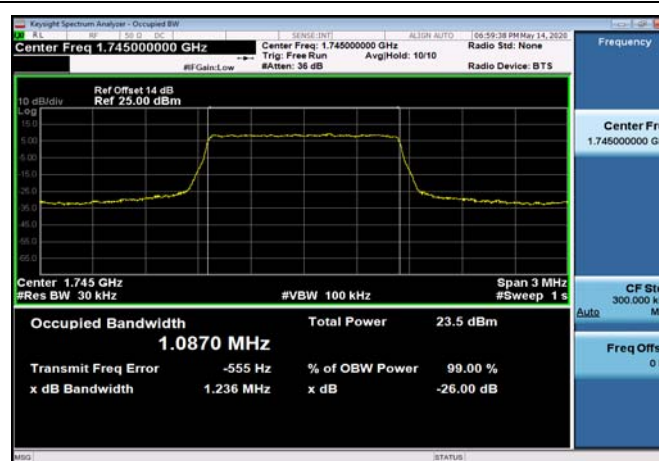
TDD41_MidRange_20MHz_2593MHz_QPSK



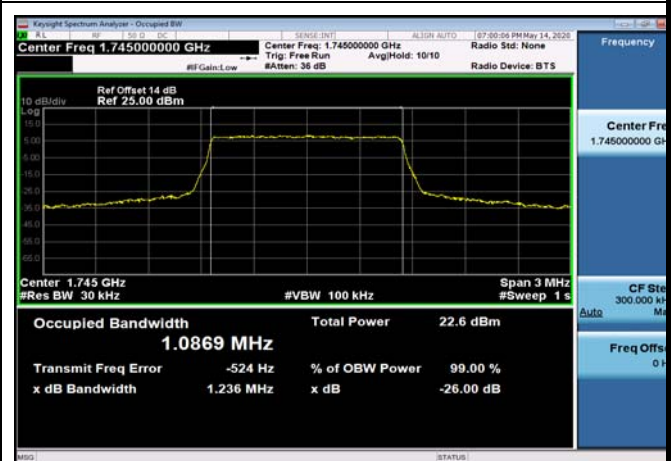
TDD41_MidRange_20MHz_2593MHz_Q16



FDD66_MidRange_1.4MHz_1745MHz_QPSK

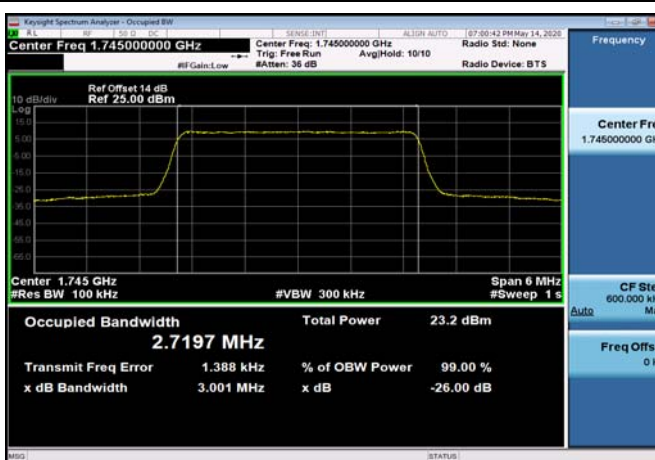


FDD66_MidRange_1.4MHz_1745MHz_Q16

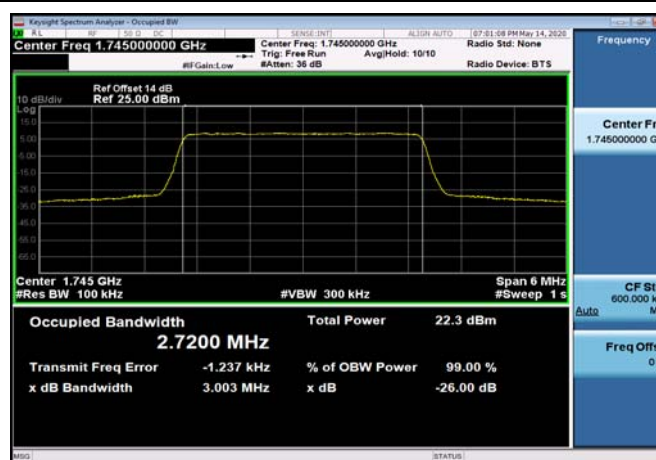




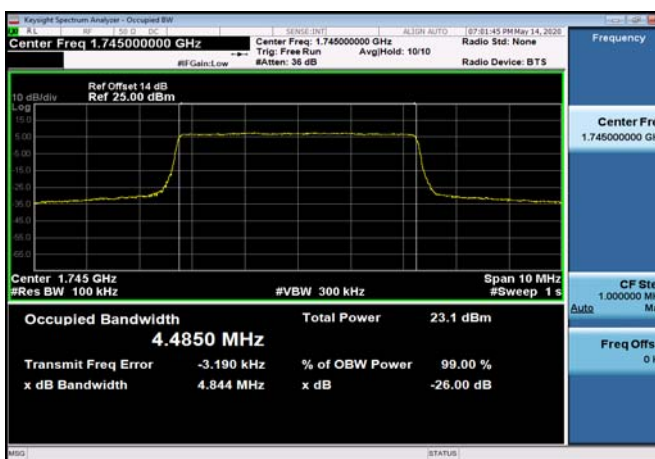
FDD66_MidRange_3MHz_1745MHz_QPSK



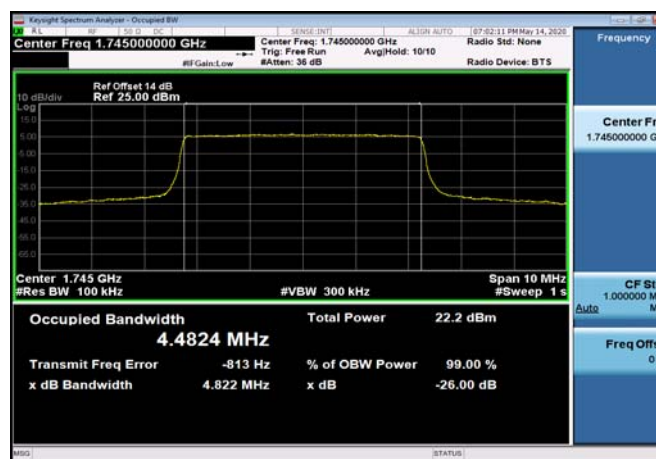
FDD66_MidRange_3MHz_1745MHz_Q16



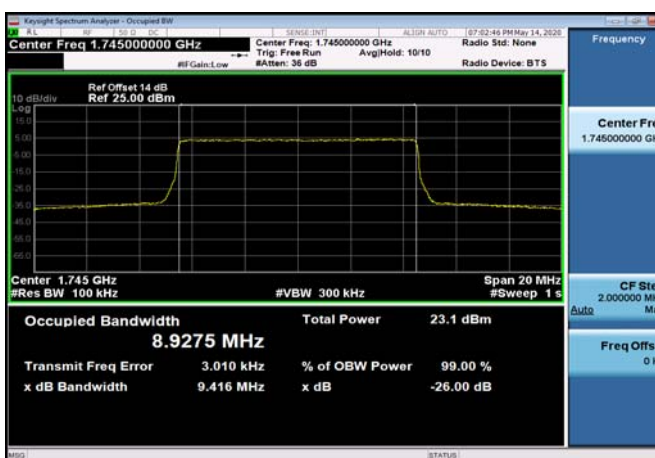
FDD66_MidRange_5MHz_1745MHz_QPSK



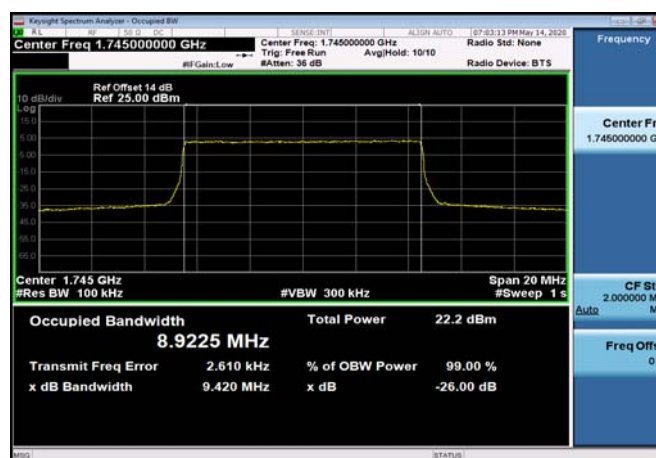
FDD66_MidRange_5MHz_1745MHz_Q16



FDD66_MidRange_10MHz_1745MHz_QPSK

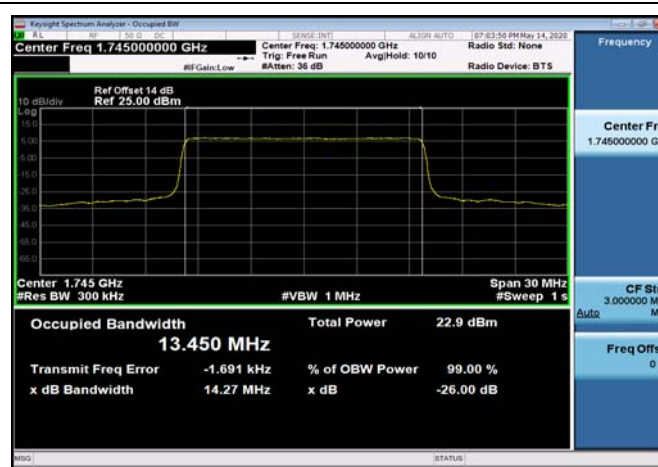


FDD66_MidRange_10MHz_1745MHz_Q16

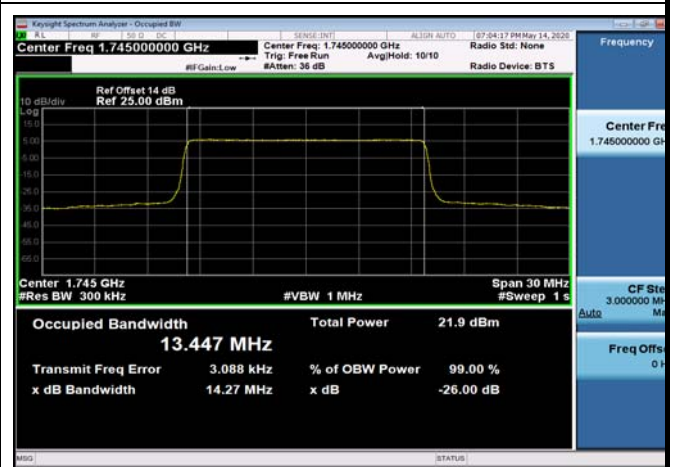




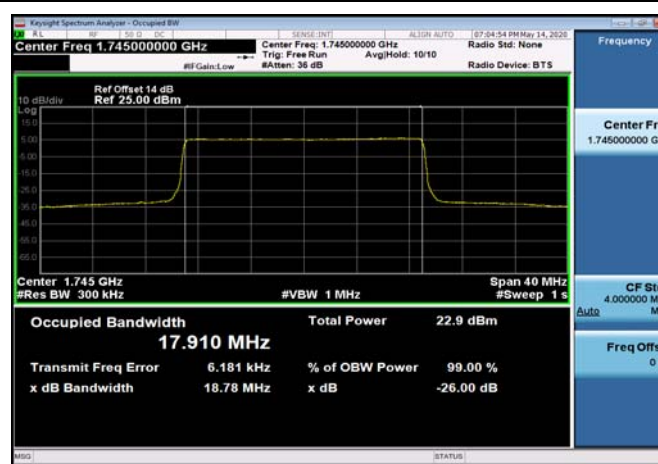
FDD66_MidRange_15MHz_1745MHz_QPSK



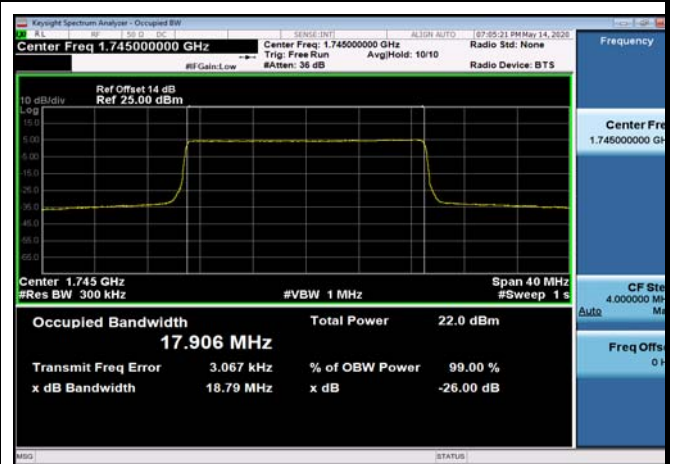
FDD66_MidRange_15MHz_1745MHz_Q16



FDD66_MidRange_20MHz_1745MHz_QPSK



FDD66_MidRange_20MHz_1745MHz_Q16





Frequency Stability

Test Result and Data

Frequency Stability NormalTC_NormalVol									
Temperature	Voltage	Band	BandWidth (MHz)	RbMode	Modulation	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)	Result
Normal	Low	FDD02	10	fullRB	QPSK	-3.934	-0.002	±2.5	Pass
Normal	Normal	FDD02	10	fullRB	QPSK	-4.578	-0.002	±2.5	Pass
Normal	High	FDD02	10	fullRB	QPSK	-3.591	-0.002	±2.5	Pass
50	Normal	FDD02	10	fullRB	QPSK	-4.106	-0.002	±2.5	Pass
40	Normal	FDD02	10	fullRB	QPSK	-3.719	-0.002	±2.5	Pass
30	Normal	FDD02	10	fullRB	QPSK	5.393	0.003	±2.5	Pass
20	Normal	FDD02	10	fullRB	QPSK	-4.334	-0.002	±2.5	Pass
10	Normal	FDD02	10	fullRB	QPSK	-5.150	-0.003	±2.5	Pass
0	Normal	FDD02	10	fullRB	QPSK	2.646	0.001	±2.5	Pass
-10	Normal	FDD02	10	fullRB	QPSK	5.035	0.003	±2.5	Pass
-20	Normal	FDD02	10	fullRB	QPSK	4.377	0.002	±2.5	Pass
-30	Normal	FDD02	10	fullRB	QPSK	5.693	0.003	±2.5	Pass
Normal	Low	FDD04	10	fullRB	QPSK	4.263	0.002	±2.5	Pass
Normal	Normal	FDD04	10	fullRB	QPSK	-2.632	-0.002	±2.5	Pass
Normal	High	FDD04	10	fullRB	QPSK	4.520	0.003	±2.5	Pass
50	Normal	FDD04	10	fullRB	QPSK	3.419	0.002	±2.5	Pass
40	Normal	FDD04	10	fullRB	QPSK	-4.234	-0.002	±2.5	Pass
30	Normal	FDD04	10	fullRB	QPSK	-3.448	-0.002	±2.5	Pass
20	Normal	FDD04	10	fullRB	QPSK	-5.879	-0.003	±2.5	Pass
10	Normal	FDD04	10	fullRB	QPSK	3.848	0.002	±2.5	Pass
0	Normal	FDD04	10	fullRB	QPSK	3.719	0.002	±2.5	Pass
-10	Normal	FDD04	10	fullRB	QPSK	4.935	0.003	±2.5	Pass
-20	Normal	FDD04	10	fullRB	QPSK	-4.334	-0.003	±2.5	Pass
-30	Normal	FDD04	10	fullRB	QPSK	-3.991	-0.002	±2.5	Pass
Normal	Low	FDD05	10	fullRB	QPSK	-2.918	-0.003	±2.5	Pass
Normal	Normal	FDD05	10	fullRB	QPSK	-3.247	-0.004	±2.5	Pass
Normal	High	FDD05	10	fullRB	QPSK	-2.789	-0.003	±2.5	Pass
50	Normal	FDD05	10	fullRB	QPSK	-3.562	-0.004	±2.5	Pass



40	Normal	FDD05	10	fullRB	QPSK	-4.320	-0.005	±2.5	Pass
30	Normal	FDD05	10	fullRB	QPSK	-3.548	-0.004	±2.5	Pass
20	Normal	FDD05	10	fullRB	QPSK	-3.505	-0.004	±2.5	Pass
10	Normal	FDD05	10	fullRB	QPSK	-3.834	-0.005	±2.5	Pass
0	Normal	FDD05	10	fullRB	QPSK	2.532	0.003	±2.5	Pass
-10	Normal	FDD05	10	fullRB	QPSK	-2.904	-0.003	±2.5	Pass
-20	Normal	FDD05	10	fullRB	QPSK	-2.861	-0.003	±2.5	Pass
-30	Normal	FDD05	10	fullRB	QPSK	-3.533	-0.004	±2.5	Pass
Normal	Low	FDD07	10	fullRB	QPSK	-6.852	-0.003	±2.5	Pass
Normal	Normal	FDD07	10	fullRB	QPSK	-8.740	-0.003	±2.5	Pass
Normal	High	FDD07	10	fullRB	QPSK	-5.708	-0.002	±2.5	Pass
50	Normal	FDD07	10	fullRB	QPSK	-8.440	-0.003	±2.5	Pass
40	Normal	FDD07	10	fullRB	QPSK	-9.055	-0.004	±2.5	Pass
30	Normal	FDD07	10	fullRB	QPSK	-7.896	-0.003	±2.5	Pass
20	Normal	FDD07	10	fullRB	QPSK	-7.954	-0.003	±2.5	Pass
10	Normal	FDD07	10	fullRB	QPSK	-7.696	-0.003	±2.5	Pass
0	Normal	FDD07	10	fullRB	QPSK	-7.854	-0.003	±2.5	Pass
-10	Normal	FDD07	10	fullRB	QPSK	-7.224	-0.003	±2.5	Pass
-20	Normal	FDD07	10	fullRB	QPSK	-6.909	-0.003	±2.5	Pass
-30	Normal	FDD07	10	fullRB	QPSK	-6.595	-0.003	±2.5	Pass
Normal	Low	FDD12	10	fullRB	QPSK	-3.748	-0.005	±2.5	Pass
Normal	Normal	FDD12	10	fullRB	QPSK	4.520	0.006	±2.5	Pass
Normal	High	FDD12	10	fullRB	QPSK	-2.546	-0.004	±2.5	Pass
50	Normal	FDD12	10	fullRB	QPSK	-3.362	-0.005	±2.5	Pass
40	Normal	FDD12	10	fullRB	QPSK	2.232	0.003	±2.5	Pass
30	Normal	FDD12	10	fullRB	QPSK	-3.390	-0.005	±2.5	Pass
20	Normal	FDD12	10	fullRB	QPSK	3.719	0.005	±2.5	Pass
10	Normal	FDD12	10	fullRB	QPSK	1.974	0.003	±2.5	Pass
0	Normal	FDD12	10	fullRB	QPSK	-3.834	-0.005	±2.5	Pass
-10	Normal	FDD12	10	fullRB	QPSK	-2.718	-0.004	±2.5	Pass
-20	Normal	FDD12	10	fullRB	QPSK	2.990	0.004	±2.5	Pass
-30	Normal	FDD12	10	fullRB	QPSK	-3.548	-0.005	±2.5	Pass



Normal	Low	FDD17	10	fullRB	QPSK	-3.119	-0.004	±2.5	Pass
Normal	Normal	FDD17	10	fullRB	QPSK	-2.117	-0.003	±2.5	Pass
Normal	High	FDD17	10	fullRB	QPSK	-2.589	-0.004	±2.5	Pass
50	Normal	FDD17	10	fullRB	QPSK	1.330	0.002	±2.5	Pass
40	Normal	FDD17	10	fullRB	QPSK	3.090	0.004	±2.5	Pass
30	Normal	FDD17	10	fullRB	QPSK	-1.402	-0.002	±2.5	Pass
20	Normal	FDD17	10	fullRB	QPSK	-1.903	-0.003	±2.5	Pass
10	Normal	FDD17	10	fullRB	QPSK	-1.502	-0.002	±2.5	Pass
0	Normal	FDD17	10	fullRB	QPSK	-3.376	-0.005	±2.5	Pass
-10	Normal	FDD17	10	fullRB	QPSK	-2.618	-0.004	±2.5	Pass
-20	Normal	FDD17	10	fullRB	QPSK	-2.661	-0.004	±2.5	Pass
-30	Normal	FDD17	10	fullRB	QPSK	-2.403	-0.003	±2.5	Pass
Normal	Low	TDD41	10	fullRB	QPSK	26.464	0.010	±2.5	Pass
Normal	Normal	TDD41	10	fullRB	QPSK	26.493	0.010	±2.5	Pass
Normal	High	TDD41	10	fullRB	QPSK	23.031	0.009	±2.5	Pass
50	Normal	TDD41	10	fullRB	QPSK	26.708	0.010	±2.5	Pass
40	Normal	TDD41	10	fullRB	QPSK	25.449	0.010	±2.5	Pass
30	Normal	TDD41	10	fullRB	QPSK	26.307	0.010	±2.5	Pass
20	Normal	TDD41	10	fullRB	QPSK	26.278	0.010	±2.5	Pass
10	Normal	TDD41	10	fullRB	QPSK	25.835	0.010	±2.5	Pass
0	Normal	TDD41	10	fullRB	QPSK	22.817	0.009	±2.5	Pass
-10	Normal	TDD41	10	fullRB	QPSK	27.251	0.011	±2.5	Pass
-20	Normal	TDD41	10	fullRB	QPSK	25.692	0.010	±2.5	Pass
-30	Normal	TDD41	10	fullRB	QPSK	26.336	0.010	±2.5	Pass
Normal	Low	FDD66	10	fullRB	QPSK	-39.597	-0.023	±2.5	Pass
Normal	Normal	FDD66	10	fullRB	QPSK	-30.370	-0.017	±2.5	Pass
Normal	High	FDD66	10	fullRB	QPSK	-36.678	-0.021	±2.5	Pass
50	Normal	FDD66	10	fullRB	QPSK	-18.597	-0.011	±2.5	Pass
40	Normal	FDD66	10	fullRB	QPSK	-46.306	-0.027	±2.5	Pass
30	Normal	FDD66	10	fullRB	QPSK	-21.973	-0.013	±2.5	Pass
20	Normal	FDD66	10	fullRB	QPSK	-36.607	-0.021	±2.5	Pass
10	Normal	FDD66	10	fullRB	QPSK	-47.121	-0.027	±2.5	Pass



0	Normal	FDD66	10	fullRB	QPSK	-28.367	-0.016	± 2.5	Pass
-10	Normal	FDD66	10	fullRB	QPSK	-36.592	-0.021	± 2.5	Pass
-20	Normal	FDD66	10	fullRB	QPSK	-50.325	-0.029	± 2.5	Pass
-30	Normal	FDD66	10	fullRB	QPSK	-8.998	-0.005	± 2.5	Pass

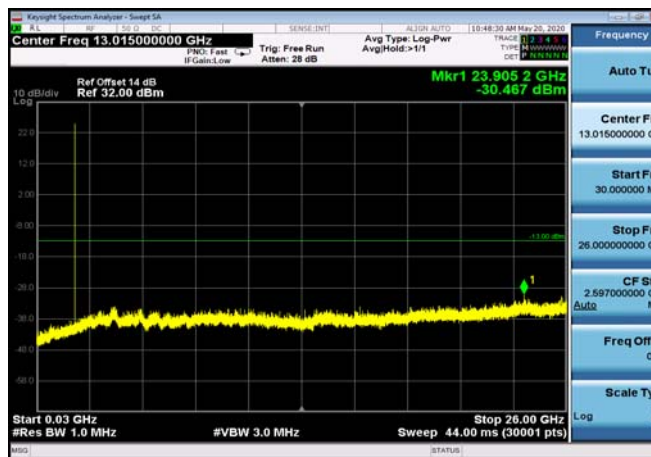
Note: Normal=3.85V, Low=3.5V, High=4.4V



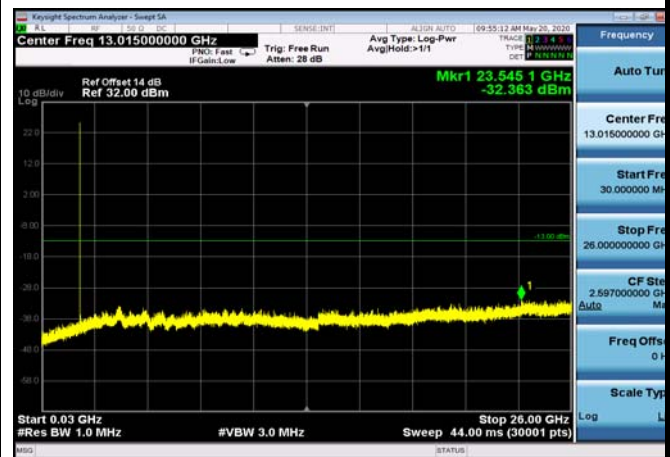
Conducted Out of Band Emissions

Test Result and Data

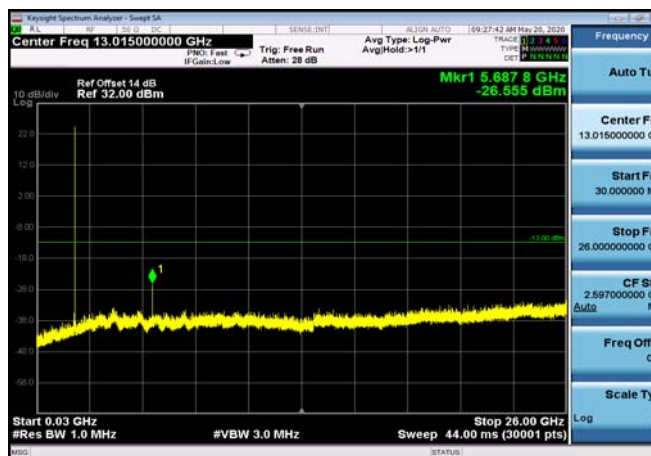
FDD02_HighRange_1.4MHz_30MHz~26GHz



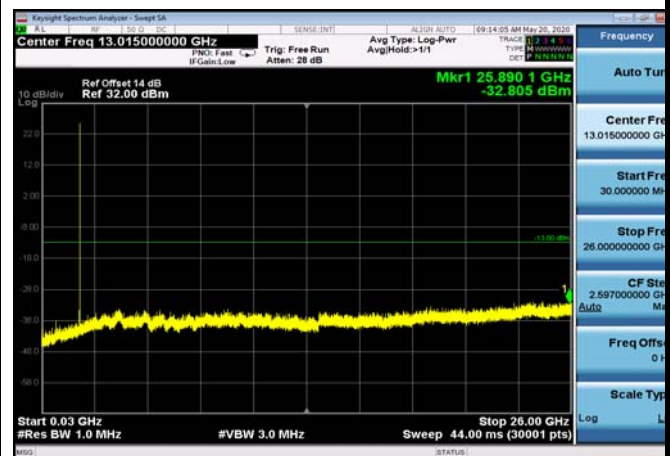
FDD02_HighRange_10MHz_30MHz~26GHz



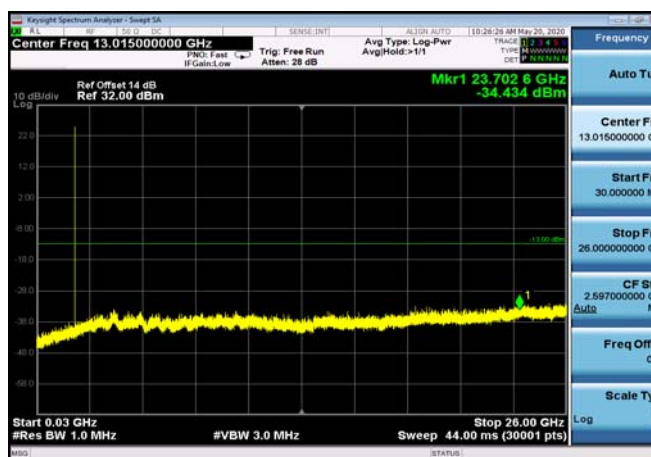
FDD02_HighRange_15MHz_30MHz~26GHz



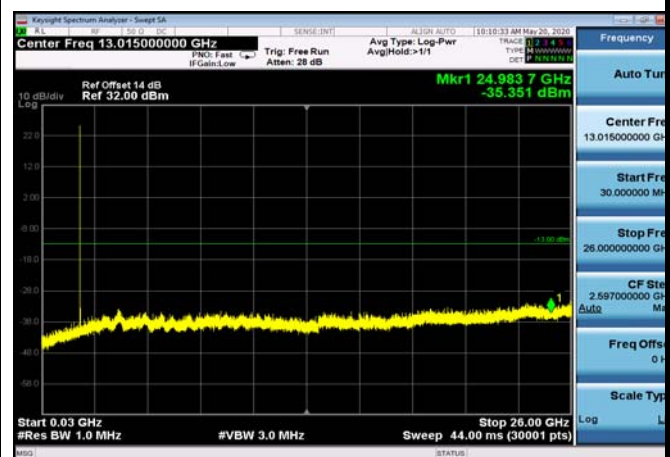
FDD02_HighRange_20MHz_30MHz~26GHz



FDD02_HighRange_3MHz_30MHz~26GHz

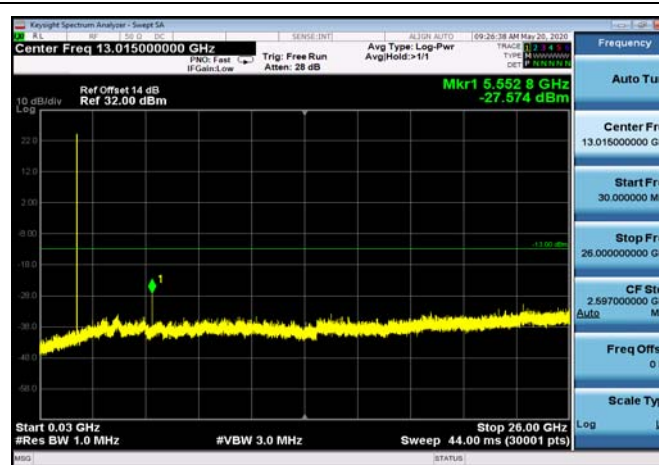


FDD02_HighRange_5MHz_30MHz~26GHz

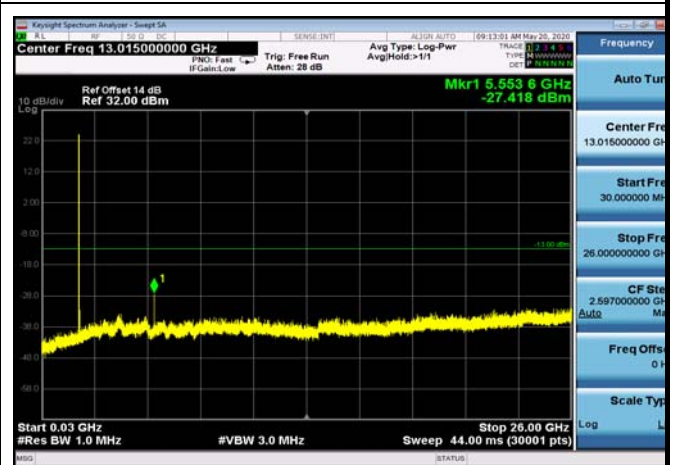




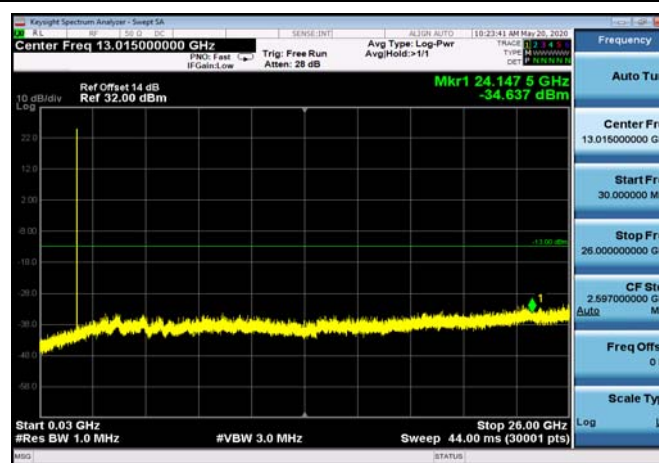
FDD02_LowRange_15MHz_30MHz~26GHz



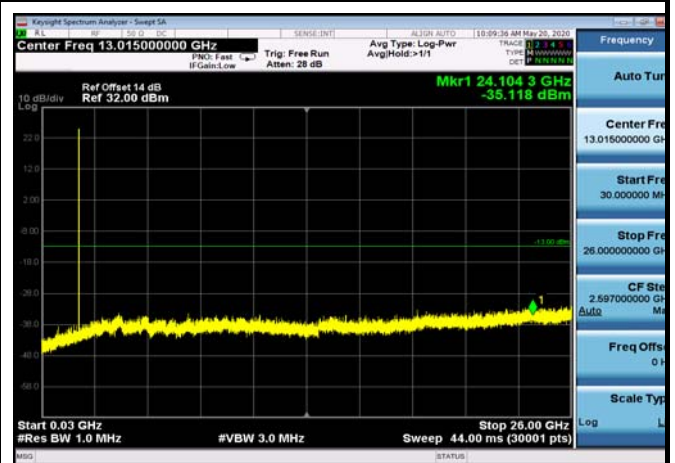
FDD02_LowRange_20MHz_30MHz~26GHz



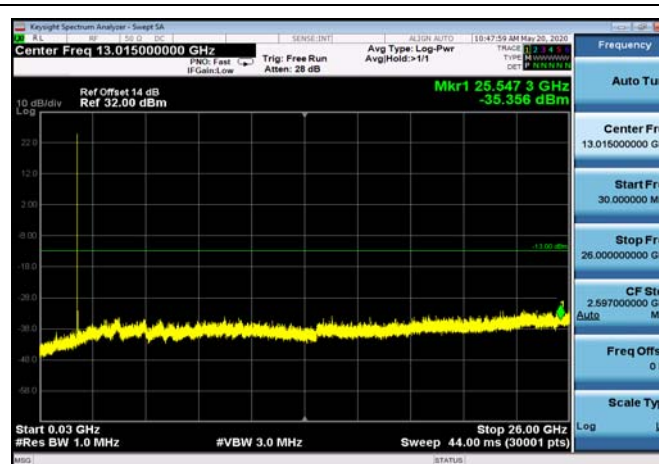
FDD02_LowRange_3MHz_30MHz~26GHz



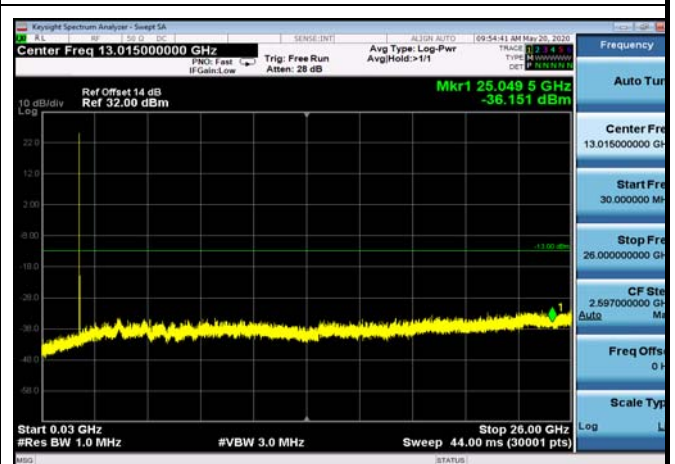
FDD02_LowRange_5MHz_30MHz~26GHz



FDD02_MidRange_1.4MHz_30MHz~26GHz

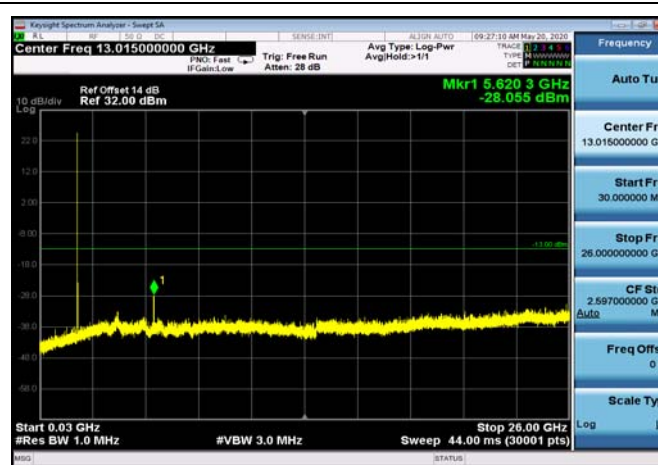


FDD02_MidRange_10MHz_30MHz~26GHz

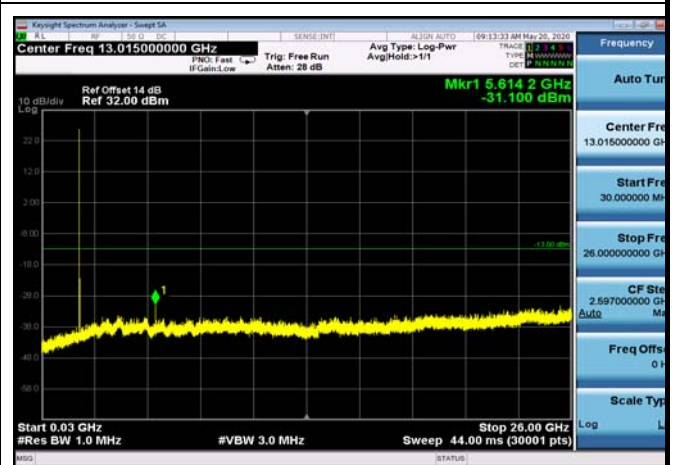




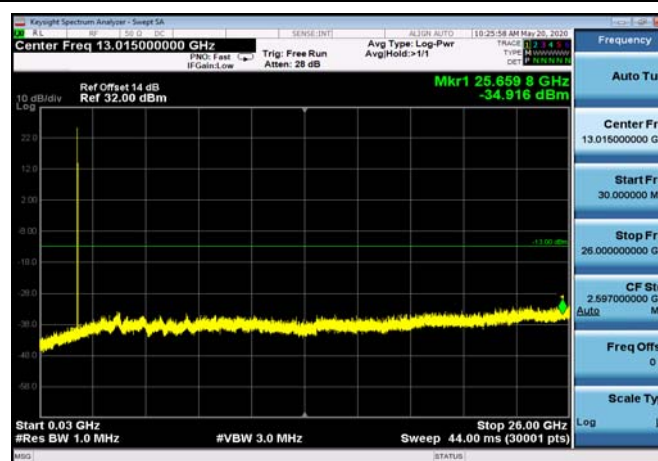
FDD02_MidRange_15MHz_30MHz~26GHz



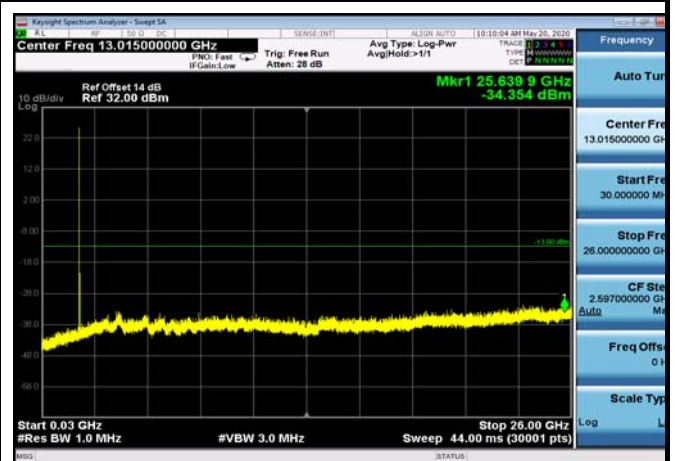
FDD02_MidRange_20MHz_30MHz~26GHz



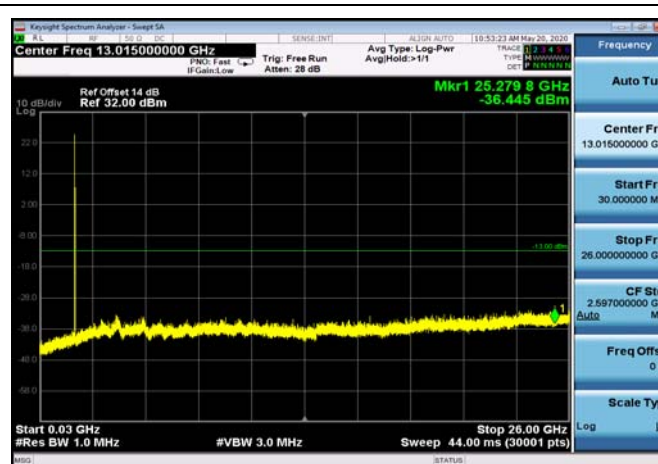
FDD02_MidRange_3MHz_30MHz~26GHz



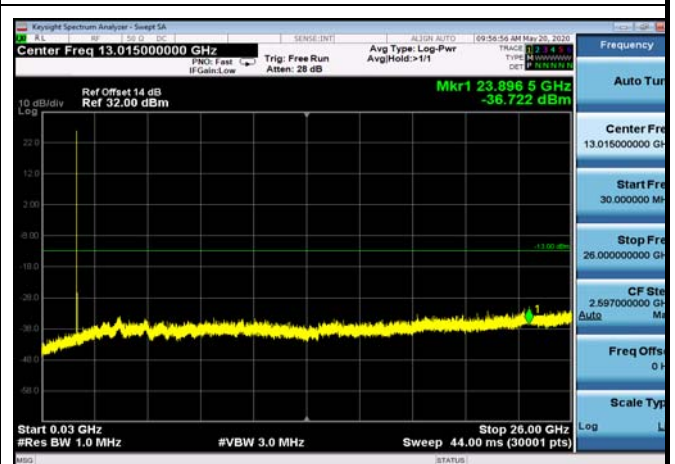
FDD02_MidRange_5MHz_30MHz~26GHz



FDD04_HighRange_1.4MHz_30MHz~26GHz

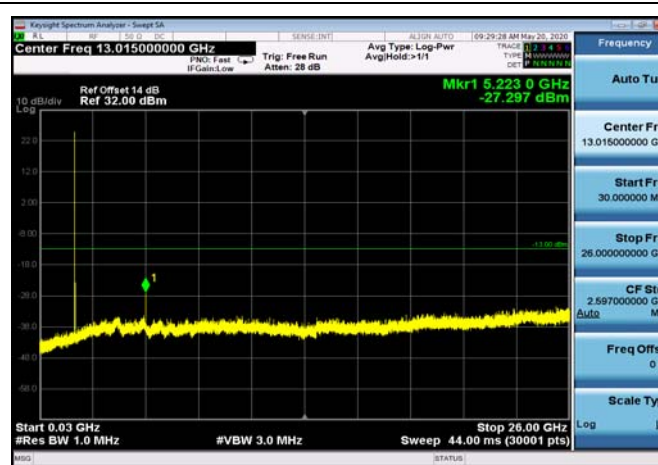


FDD04_HighRange_10MHz_30MHz~26GHz

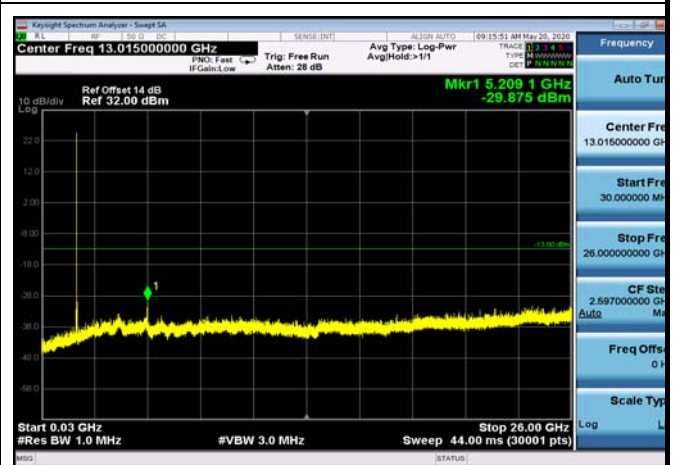




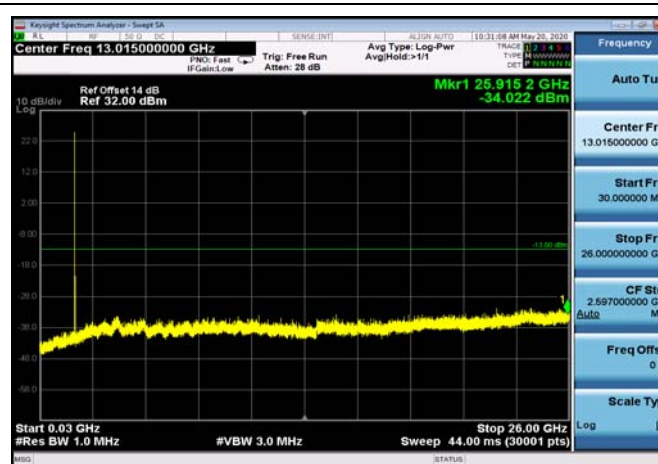
FDD04_HighRange_15MHz_30MHz~26GHz



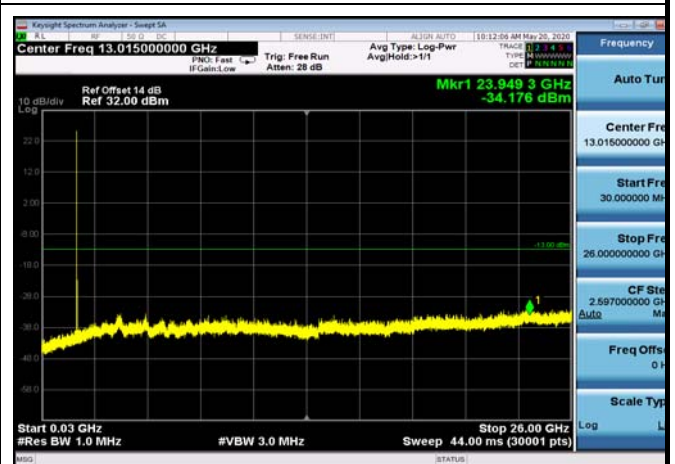
FDD04_HighRange_20MHz_30MHz~26GHz



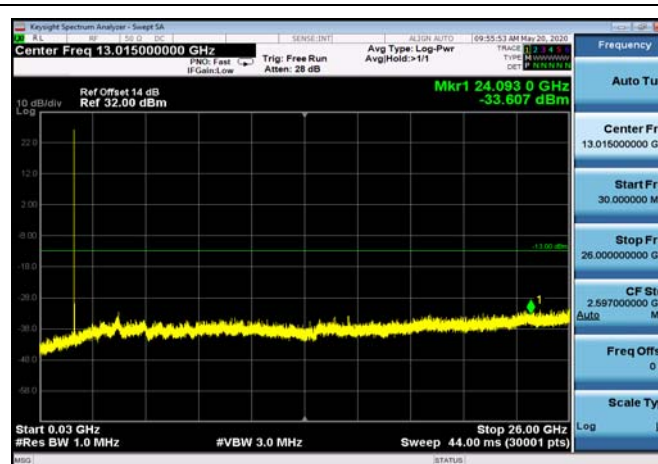
FDD04_HighRange_3MHz_30MHz~26GHz



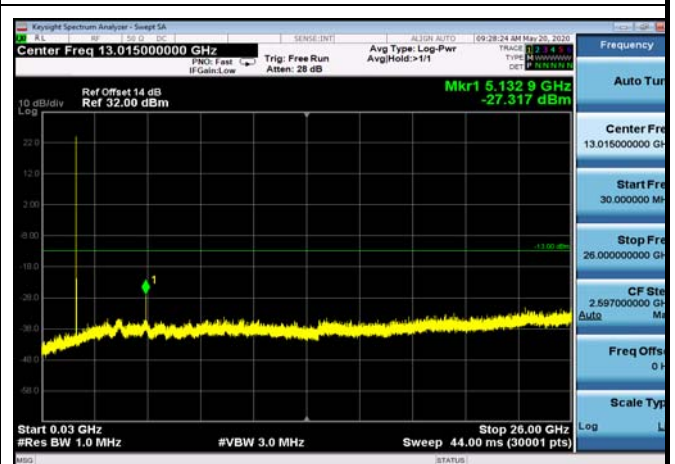
FDD04_HighRange_5MHz_30MHz~26GHz



FDD04_LowRange_10MHz_30MHz~26GHz

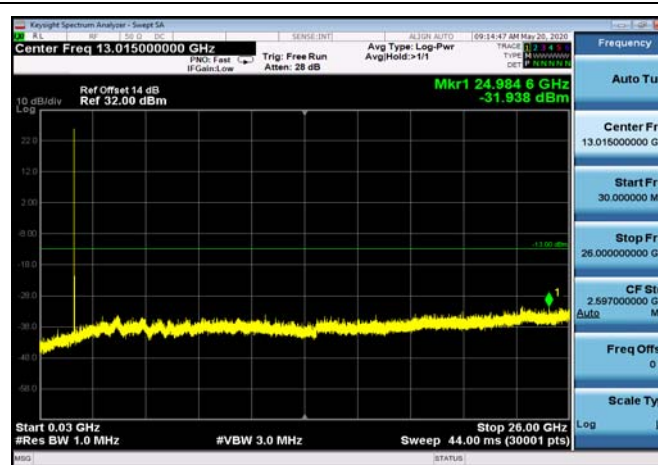


FDD04_LowRange_15MHz_30MHz~26GHz

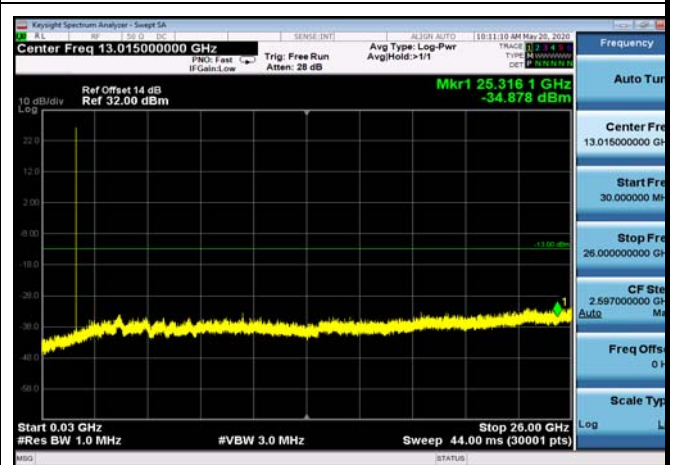




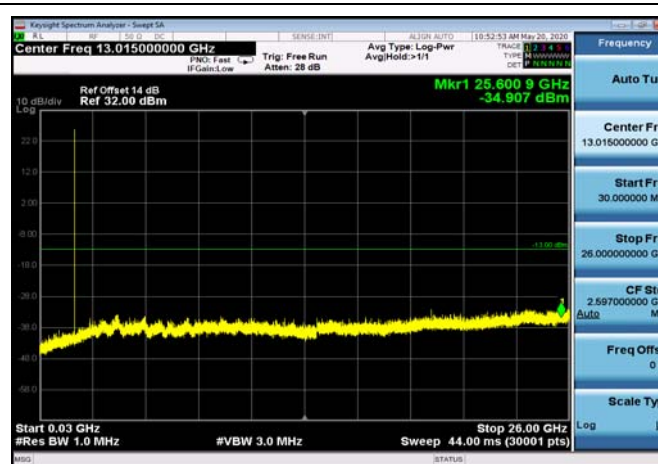
FDD04_LowRange_20MHz_30MHz~26GHz



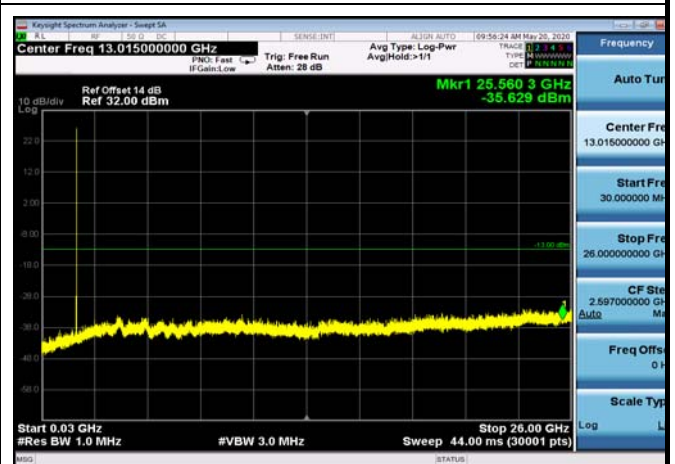
FDD04_LowRange_5MHz_30MHz~26GHz



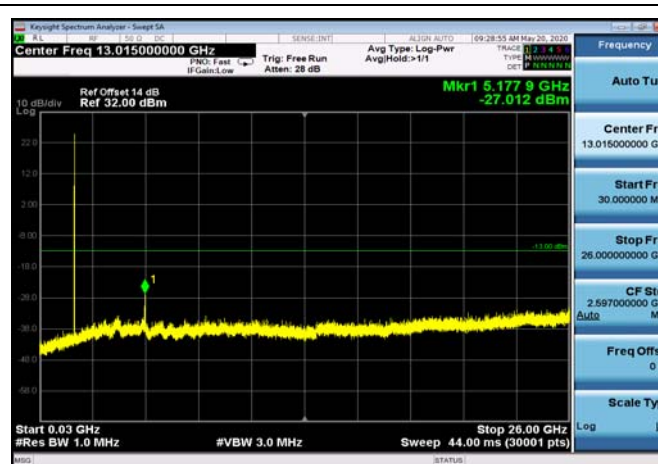
FDD04_MidRange_1.4MHz_30MHz~26GHz



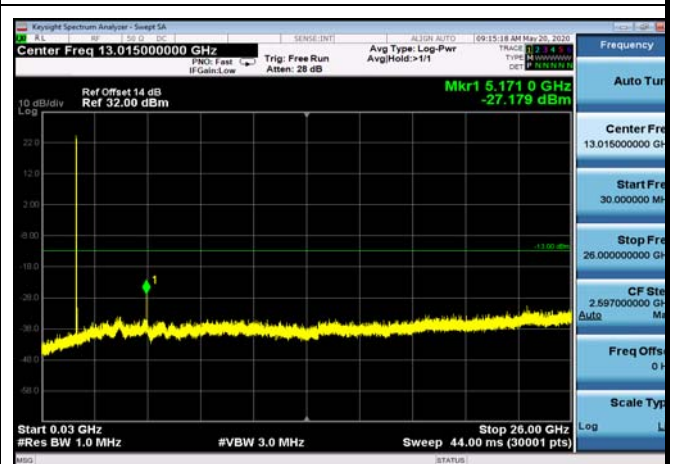
FDD04_MidRange_10MHz_30MHz~26GHz



FDD04_MidRange_15MHz_30MHz~26GHz

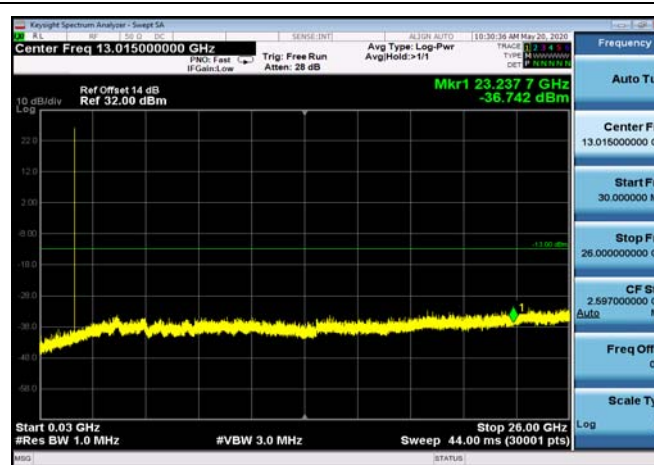


FDD04_MidRange_20MHz_30MHz~26GHz

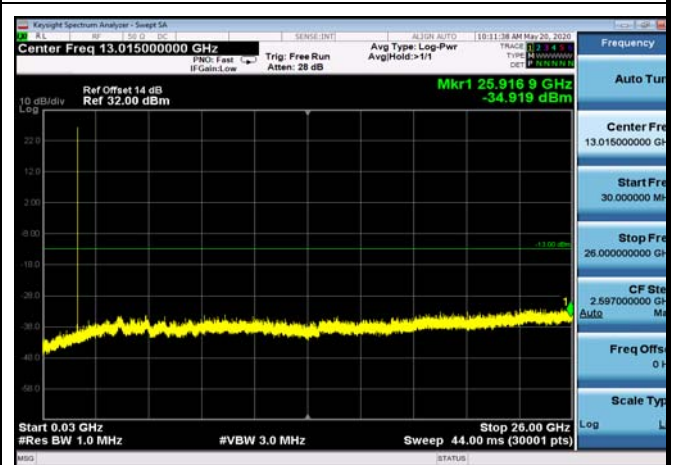




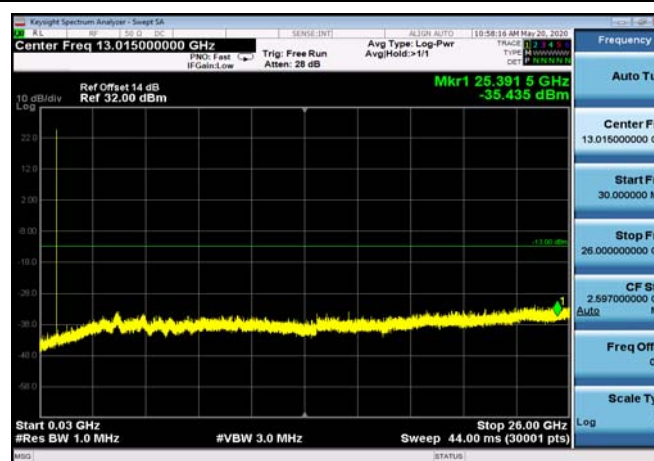
FDD04_MidRange_3MHz_30MHz~26GHz



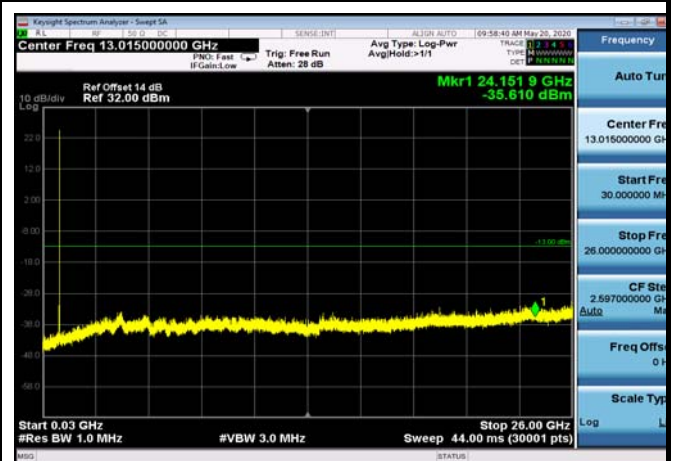
FDD04_MidRange_5MHz_30MHz~26GHz



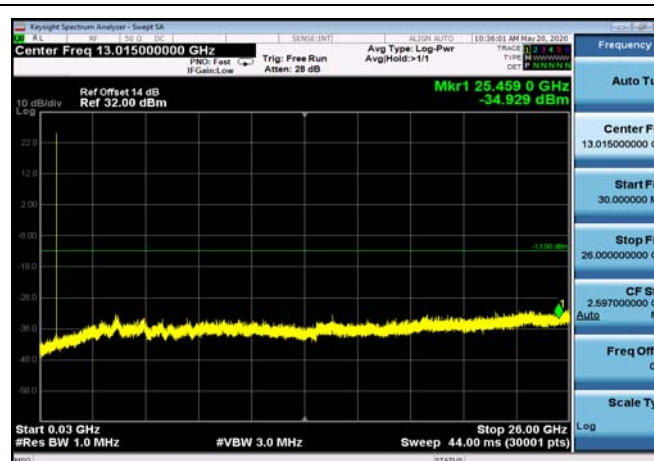
FDD05_HighRange_1.4MHz_30MHz~26GHz



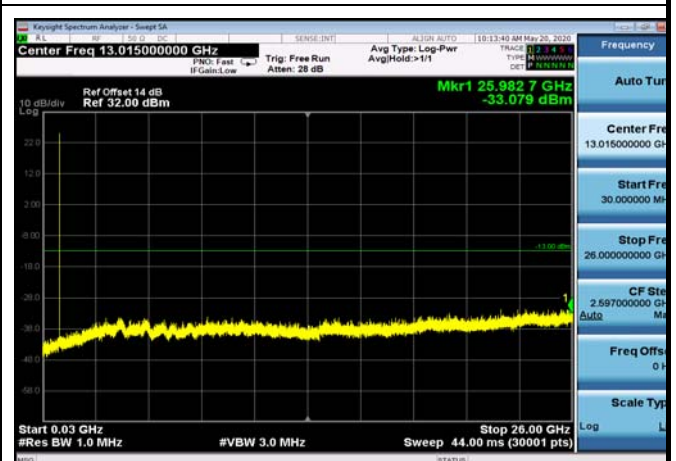
FDD05_HighRange_10MHz_30MHz~26GHz



FDD05_HighRange_3MHz_30MHz~26GHz

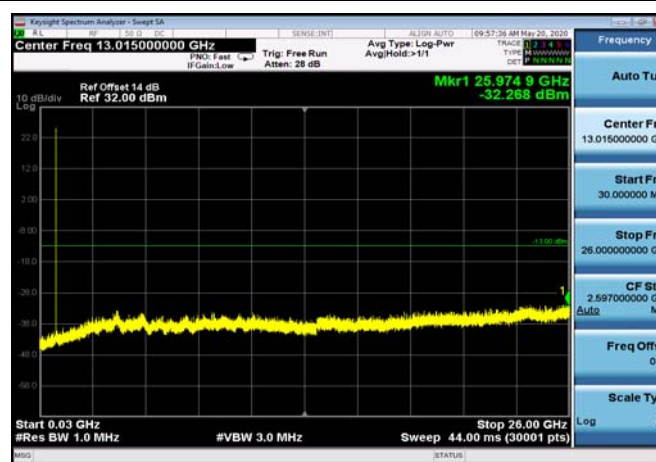


FDD05_HighRange_5MHz_30MHz~26GHz

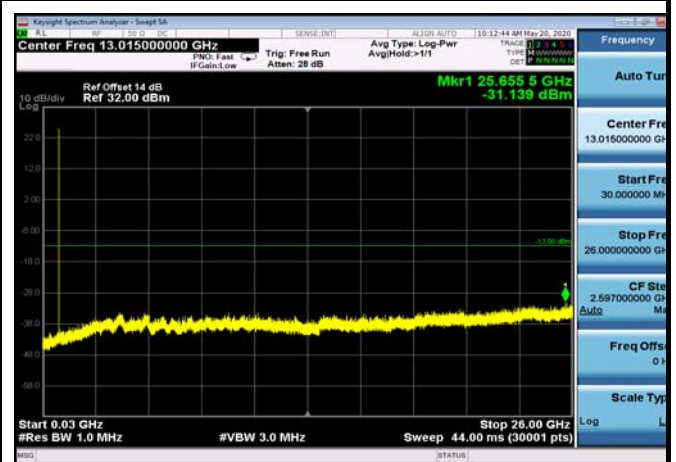




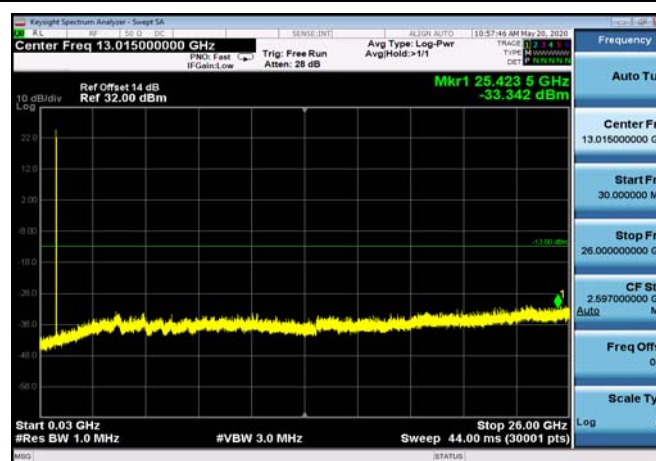
FDD05_LowRange_10MHz_30MHz~26GHz



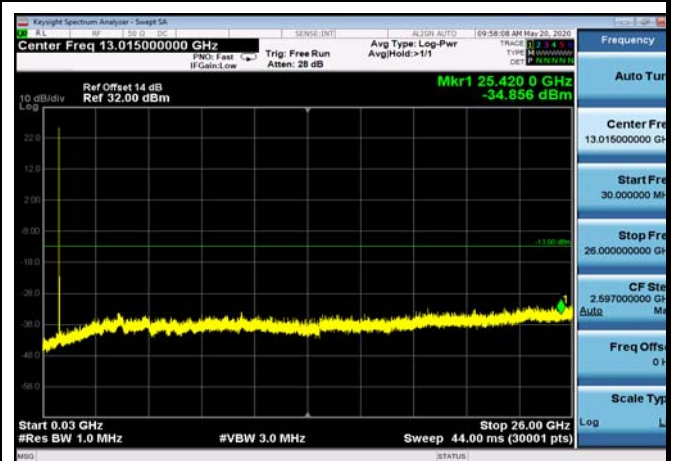
FDD05_LowRange_5MHz_30MHz~26GHz



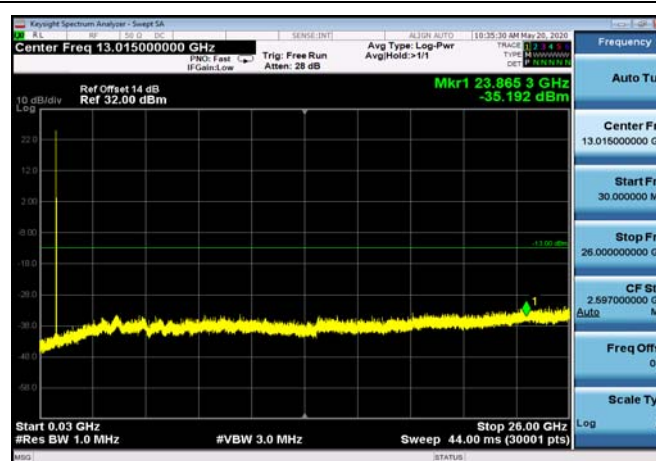
FDD05_MidRange_1.4MHz_30MHz~26GHz



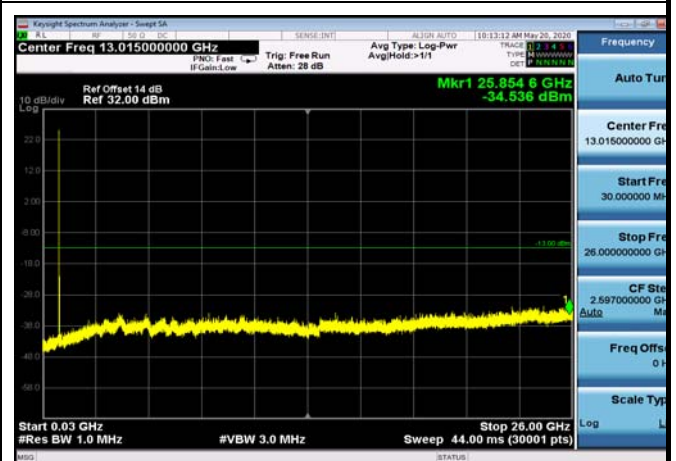
FDD05_MidRange_10MHz_30MHz~26GHz



FDD05_MidRange_3MHz_30MHz~26GHz

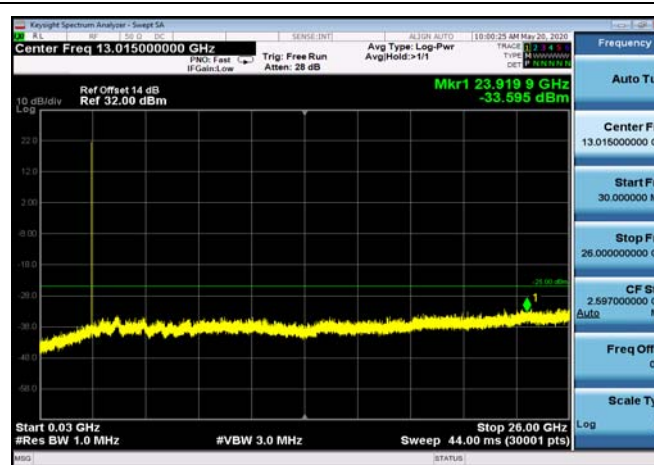


FDD05_MidRange_5MHz_30MHz~26GHz

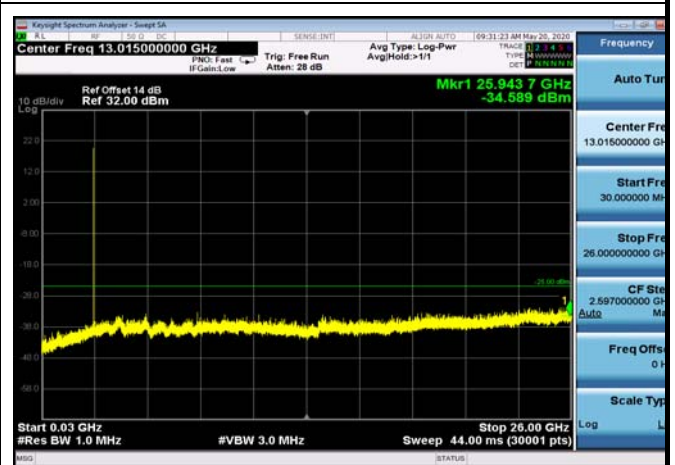




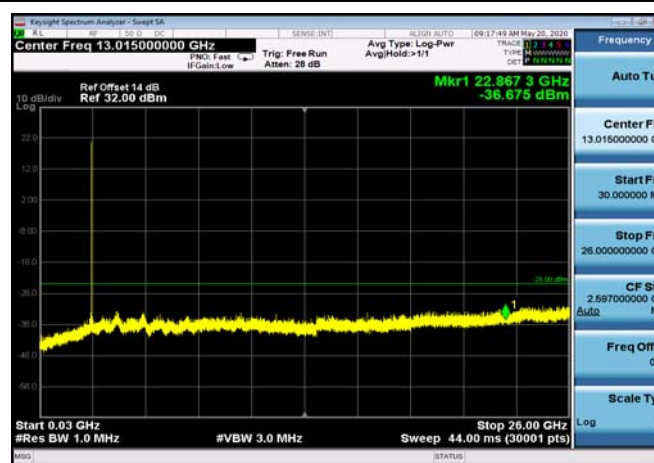
FDD07_HighRange_10MHz_30MHz~26GHz



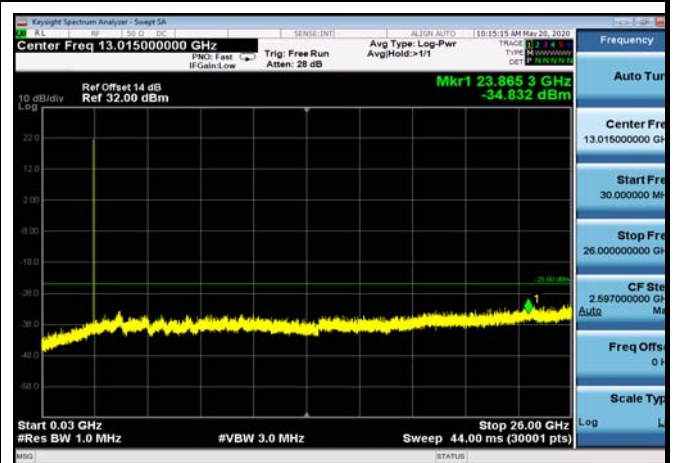
FDD07_HighRange_15MHz_30MHz~26GHz



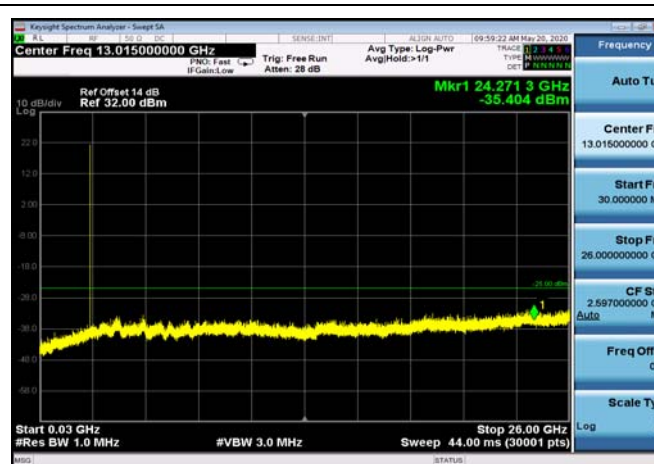
FDD07_HighRange_20MHz_30MHz~26GHz



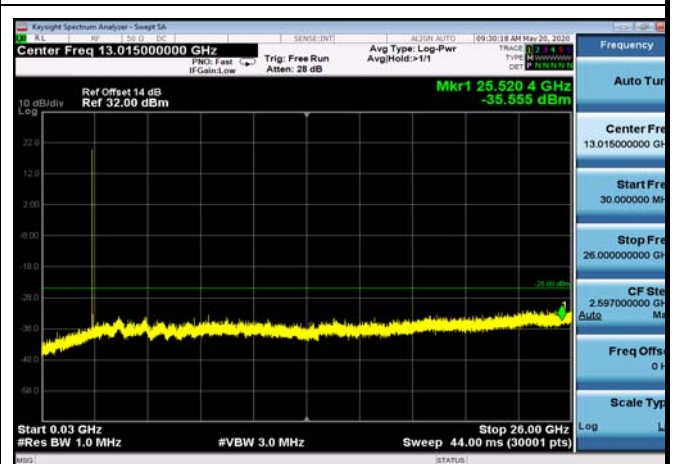
FDD07_HighRange_5MHz_30MHz~26GHz



FDD07_LowRange_10MHz_30MHz~26GHz

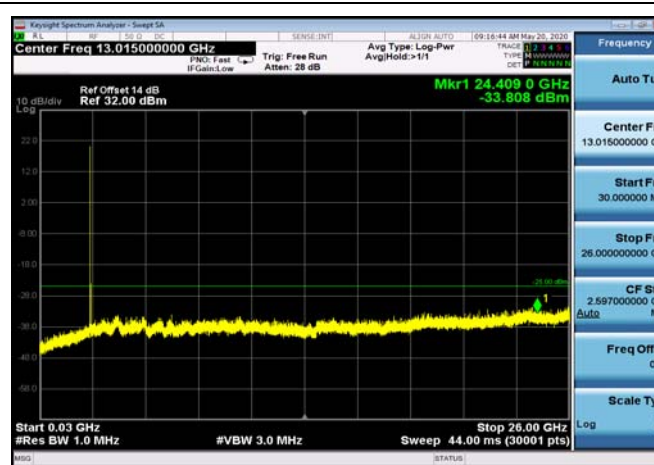


FDD07_LowRange_15MHz_30MHz~26GHz

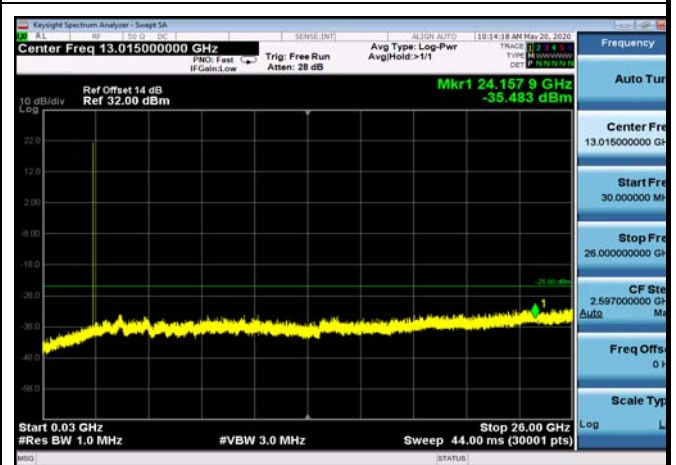




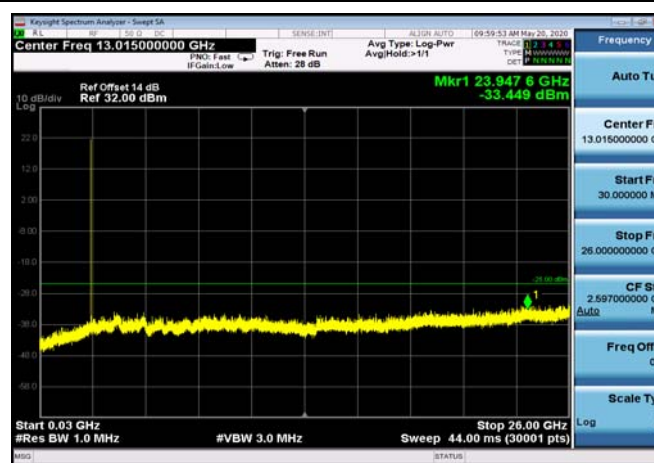
FDD07_LowRange_20MHz_30MHz~26GHz



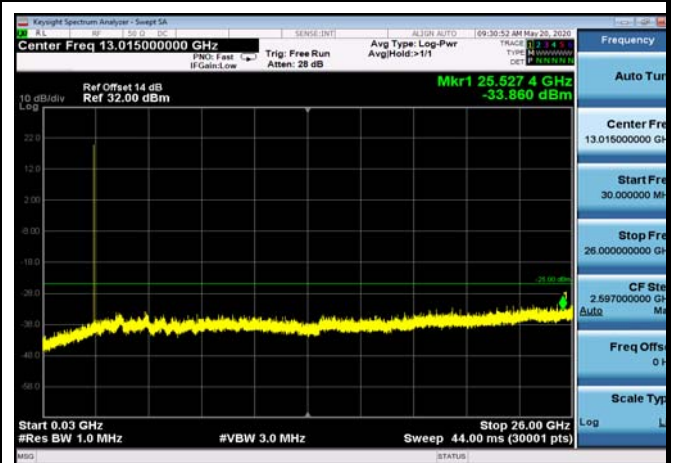
FDD07_LowRange_5MHz_30MHz~26GHz



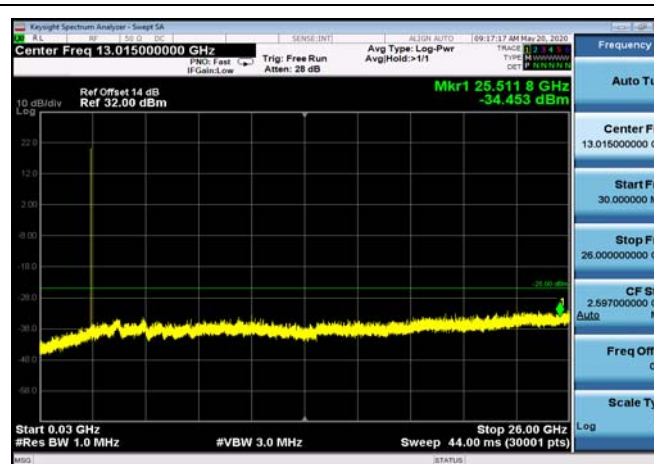
FDD07_MidRange_10MHz_30MHz~26GHz



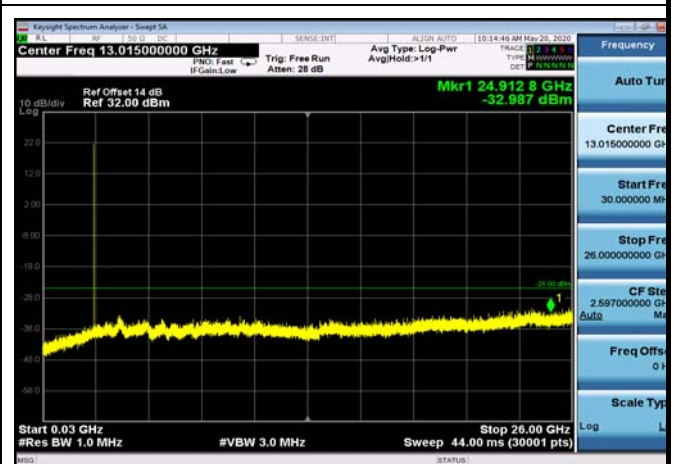
FDD07_MidRange_15MHz_30MHz~26GHz



FDD07_MidRange_20MHz_30MHz~26GHz

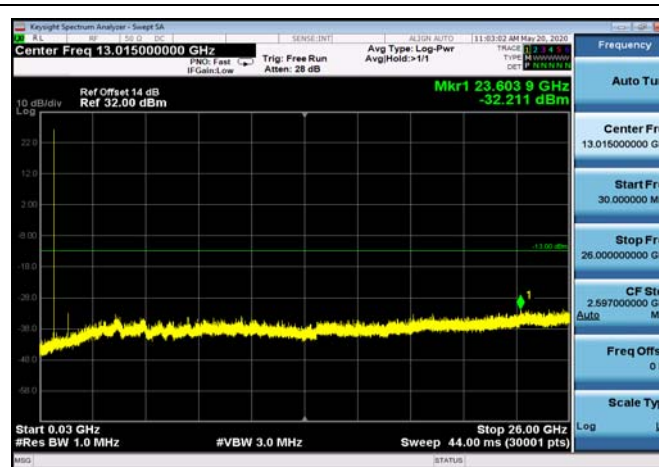


FDD07_MidRange_5MHz_30MHz~26GHz

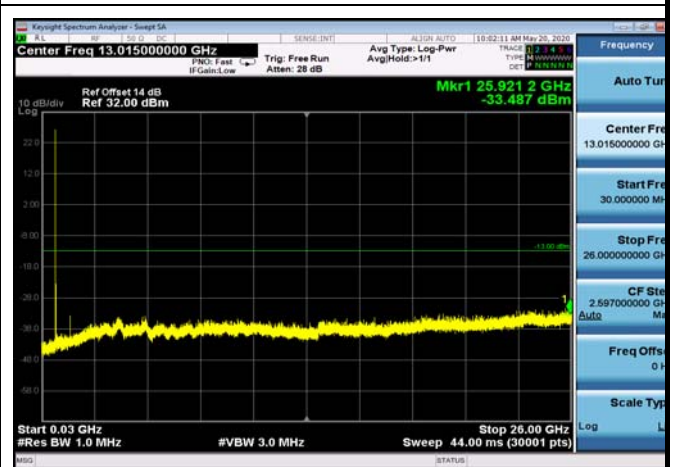




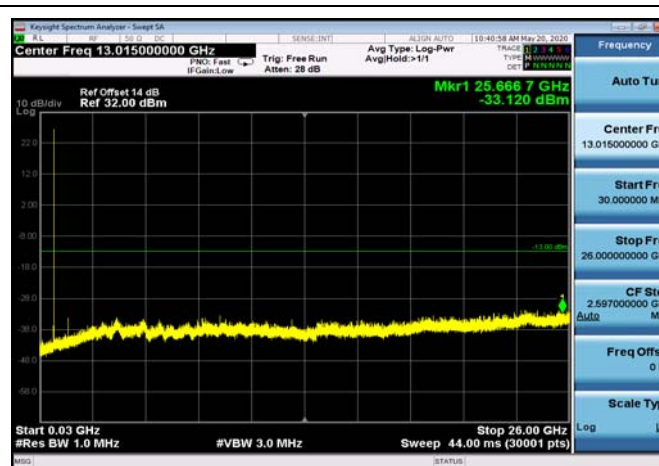
FDD12_HighRange_1.4MHz_30MHz~26GHz



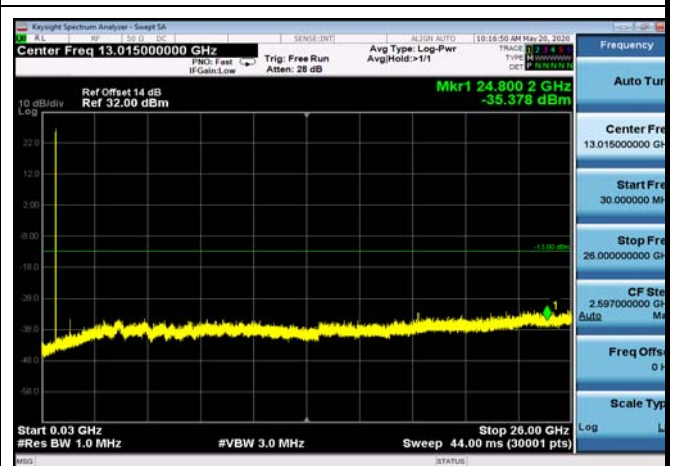
FDD12_HighRange_10MHz_30MHz~26GHz



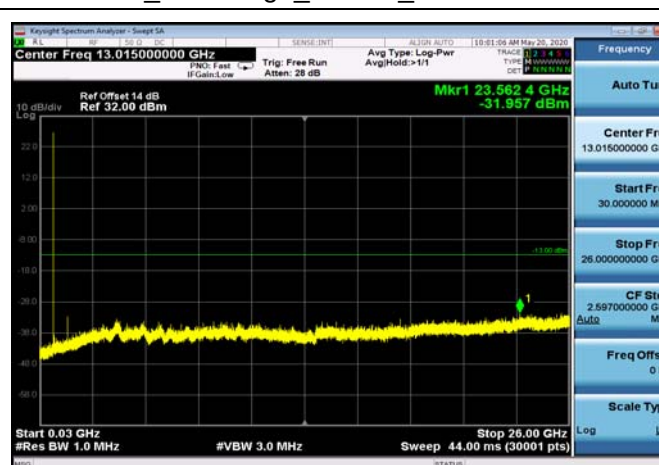
FDD12_HighRange_3MHz_30MHz~26GHz



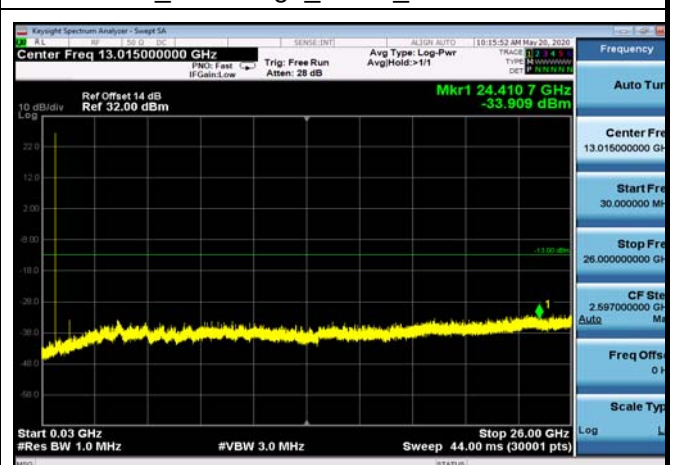
FDD12_HighRange_5MHz_30MHz~26GHz



FDD12_LowRange_10MHz_30MHz~26GHz

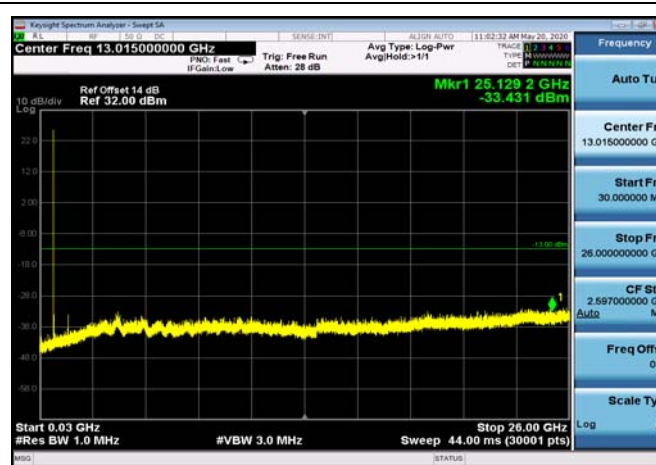


FDD12_LowRange_5MHz_30MHz~26GHz

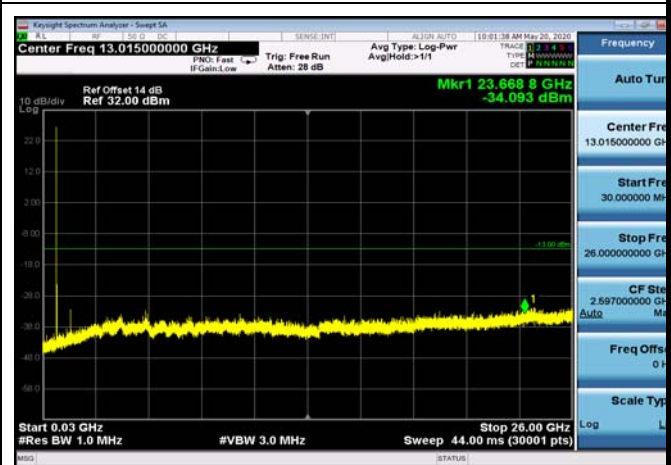




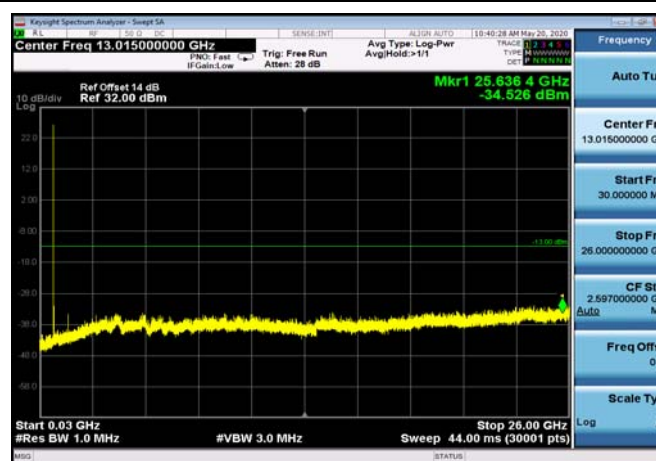
FDD12_MidRange_1.4MHz_30MHz~26GHz



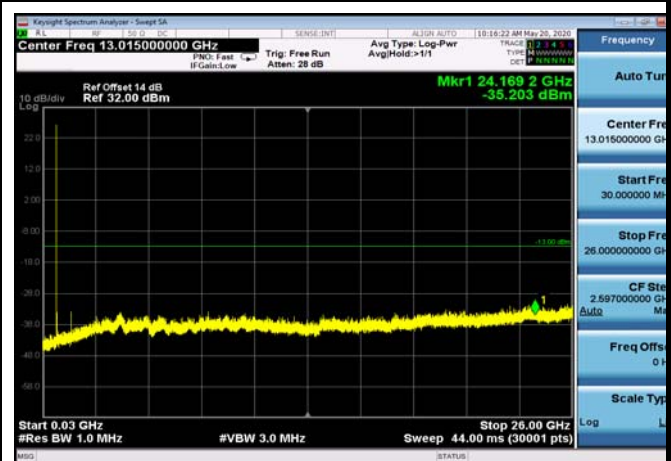
FDD12_MidRange_10MHz_30MHz~26GHz



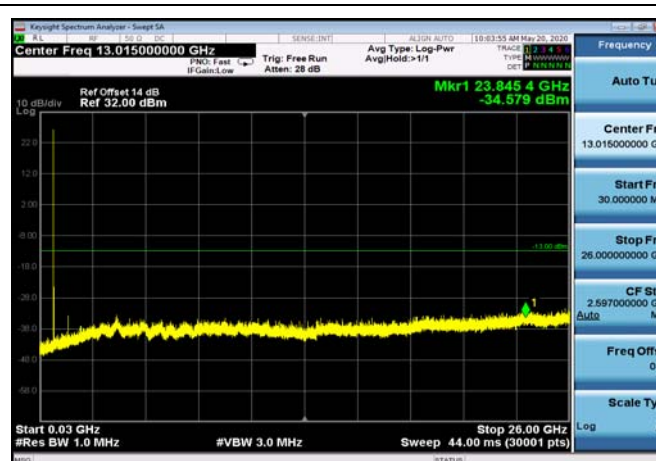
FDD12_MidRange_3MHz_30MHz~26GHz



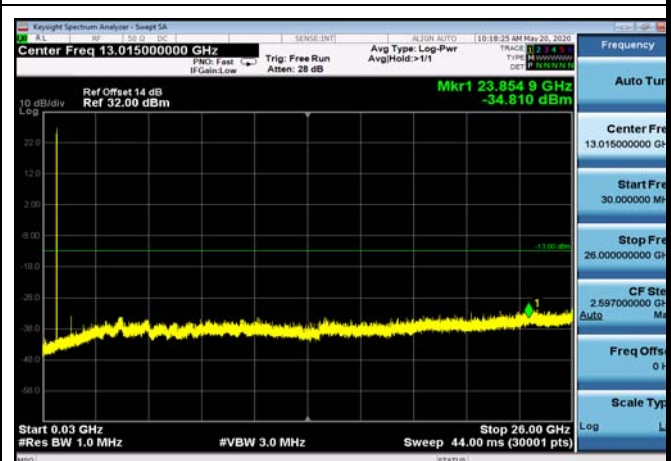
FDD12_MidRange_5MHz_30MHz~26GHz



FDD17_HighRange_10MHz_30MHz~26GHz

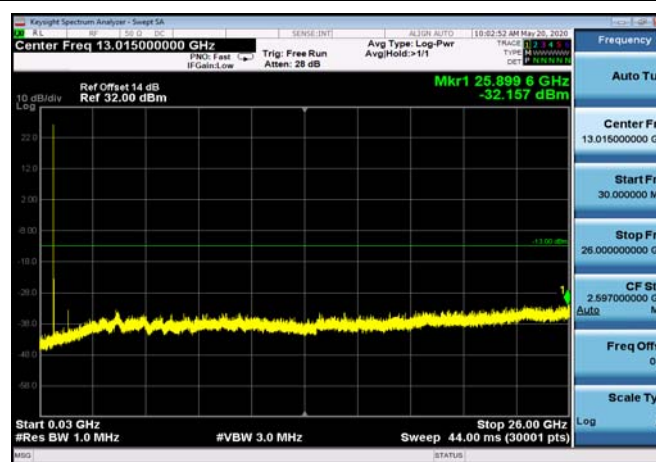


FDD17_HighRange_5MHz_30MHz~26GHz

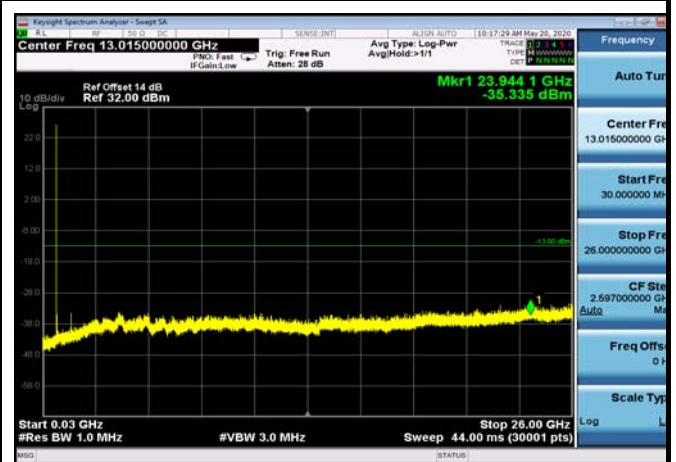




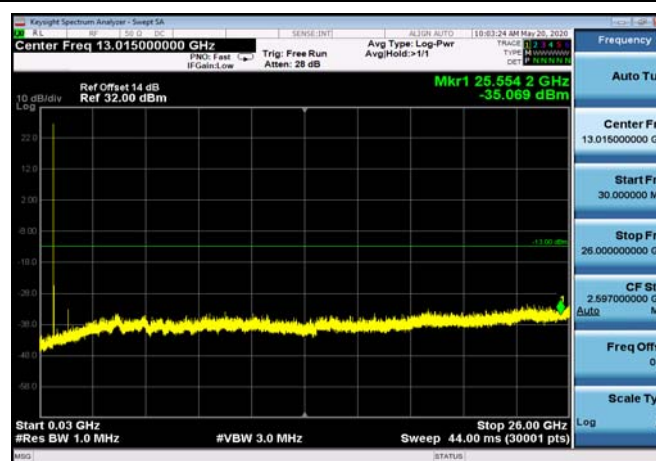
FDD17_LowRange_10MHz_30MHz~26GHz



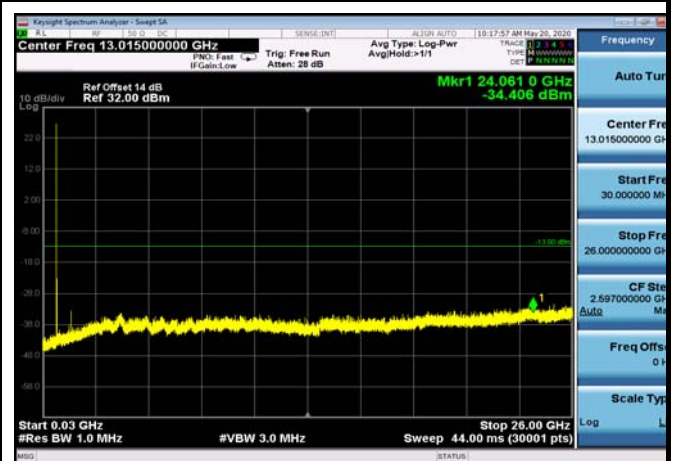
FDD17_LowRange_5MHz_30MHz~26GHz



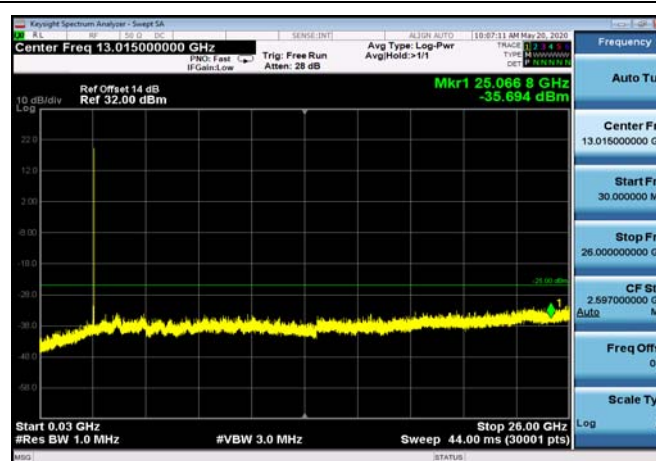
FDD17_MidRange_10MHz_30MHz~26GHz



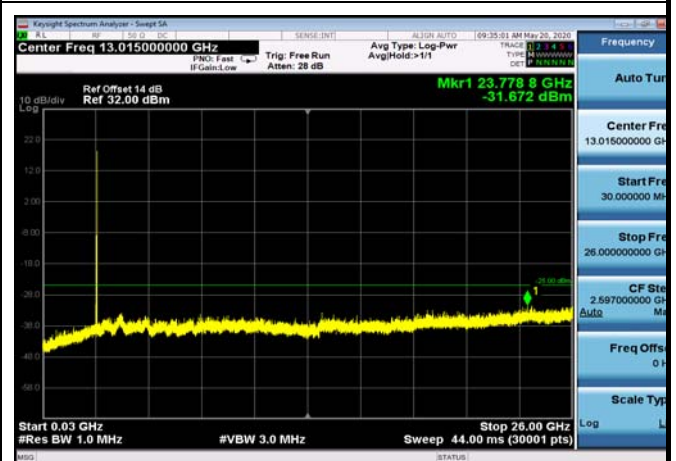
FDD17_MidRange_5MHz_30MHz~26GHz



TDD41_HighRange_10MHz_30MHz~26GHz

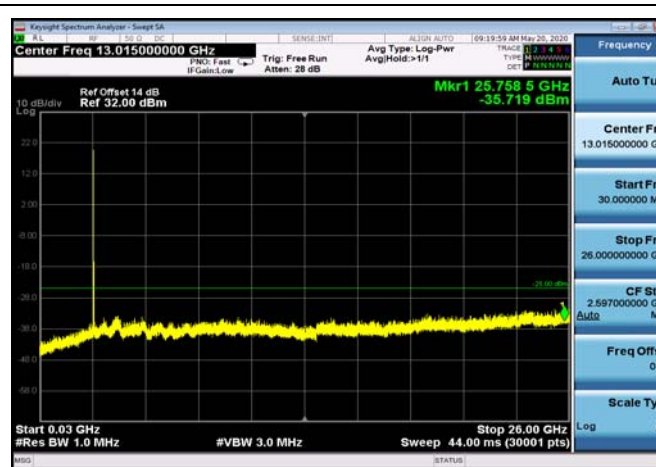


TDD41_HighRange_15MHz_30MHz~26GHz

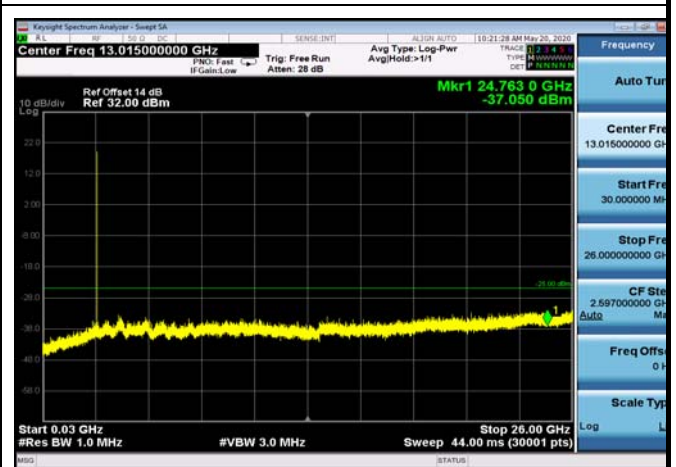




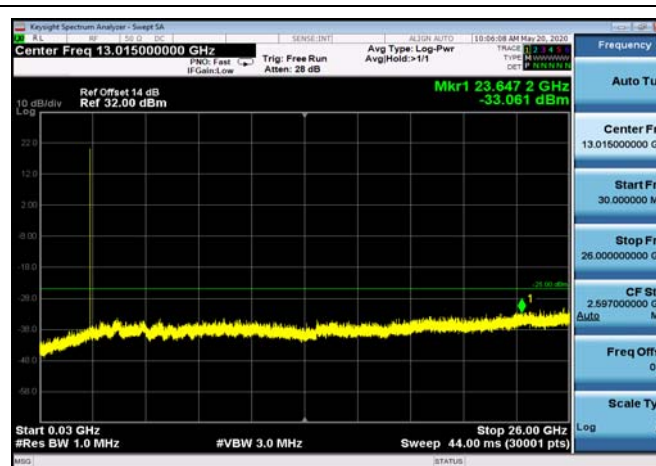
TDD41_HighRange_20MHz_30MHz~26GHz



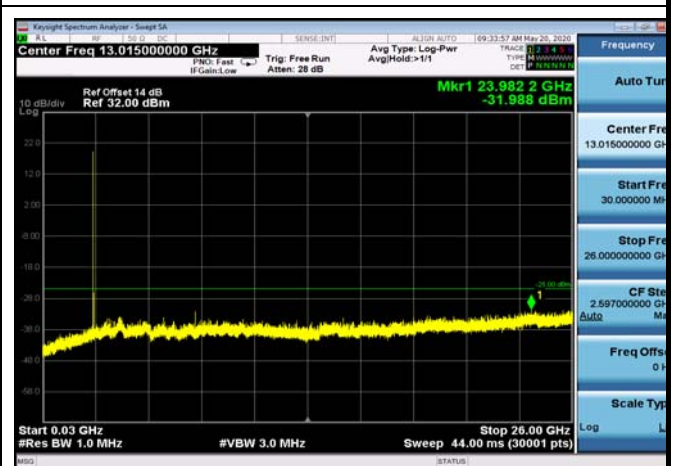
TDD41_HighRange_5MHz_30MHz~26GHz



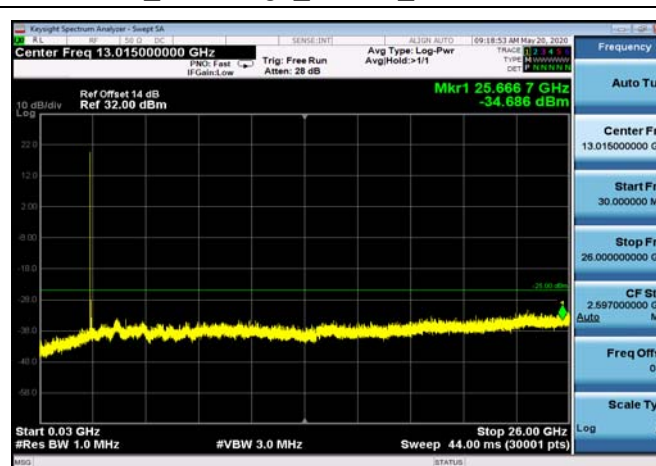
TDD41_LowRange_10MHz_30MHz~26GHz



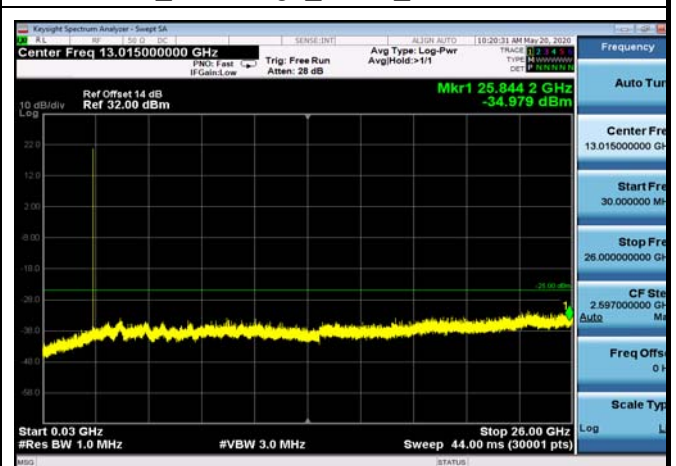
TDD41_LowRange_15MHz_30MHz~26GHz



TDD41_LowRange_20MHz_30MHz~26GHz

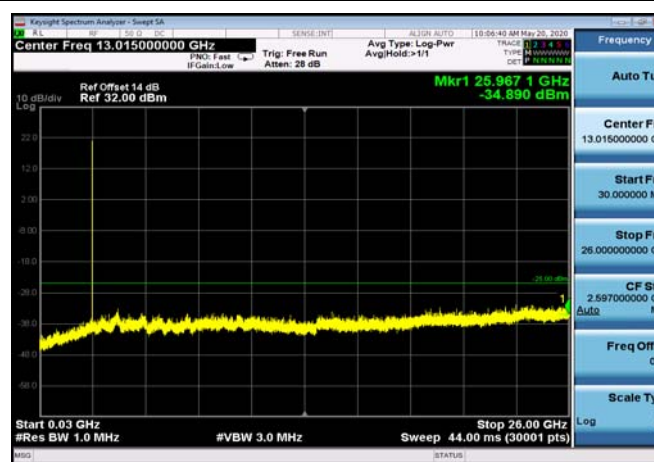


TDD41_LowRange_5MHz_30MHz~26GHz

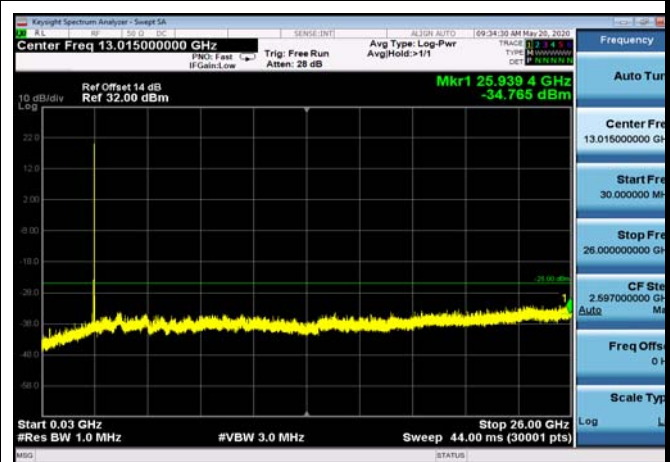




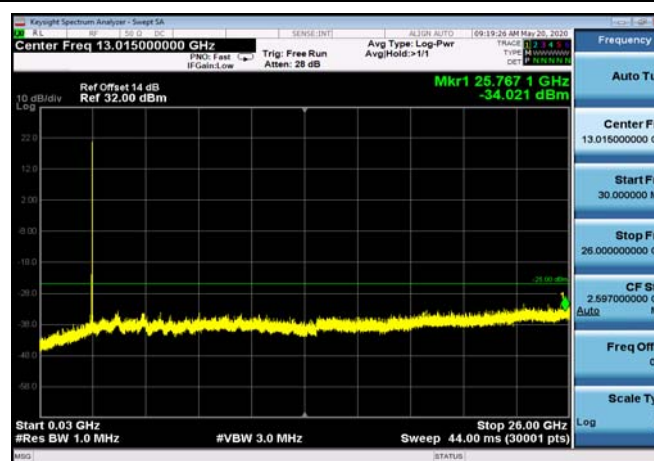
TDD41_MidRange_10MHz_30MHz~26GHz



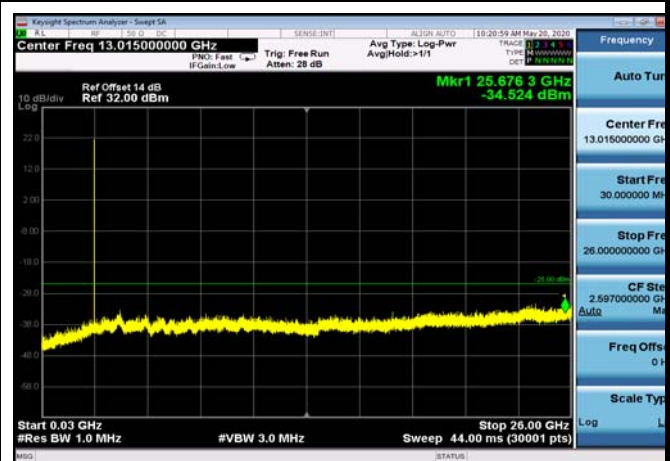
TDD41_MidRange_15MHz_30MHz~26GHz



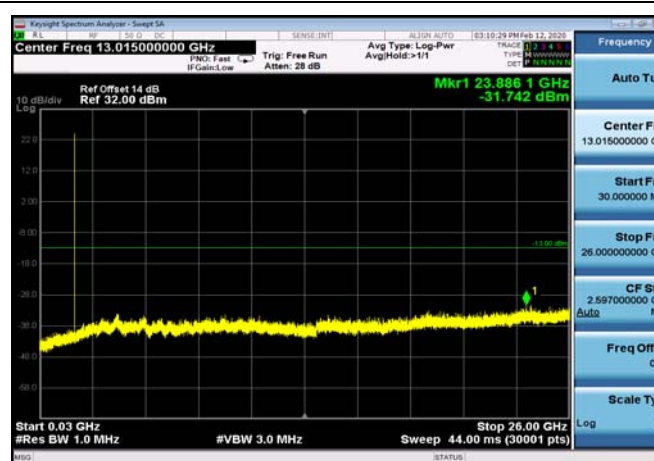
TDD41_MidRange_20MHz_30MHz~26GHz



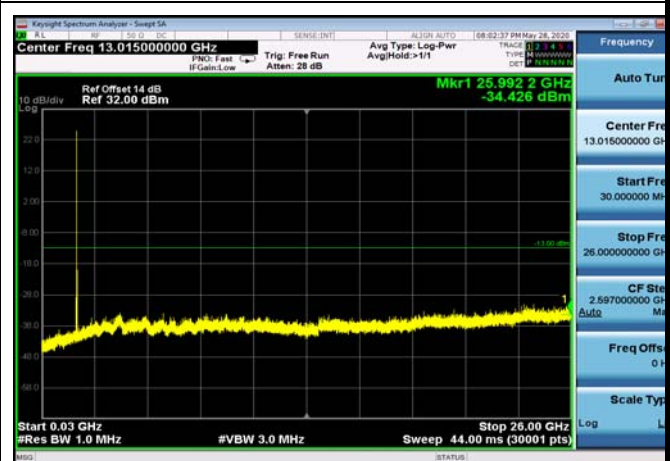
TDD41_MidRange_5MHz_30MHz~26GHz



FDD66_HighRange_5MHz_30MHz~26GHz

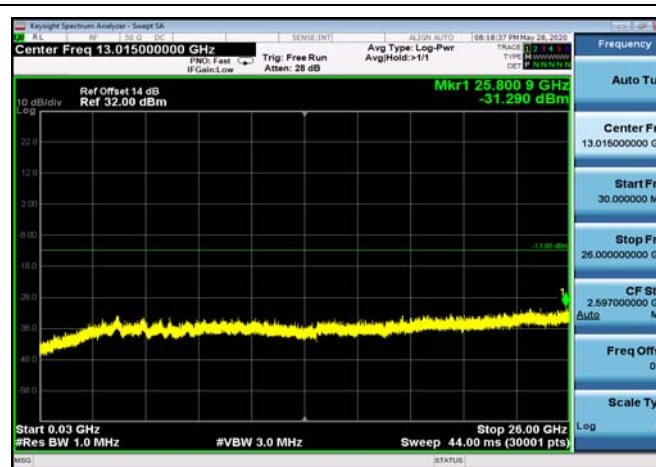


FDD66_HighRange_20MHz_30MHz~26GHz

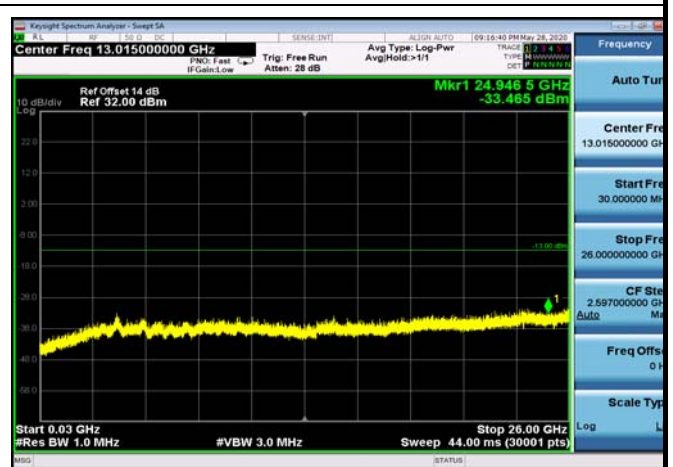




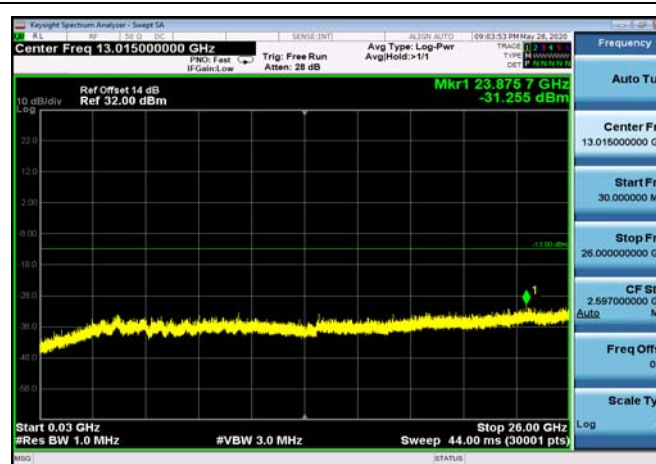
FDD66_HighRange_15MHz_30MHz~26GHz



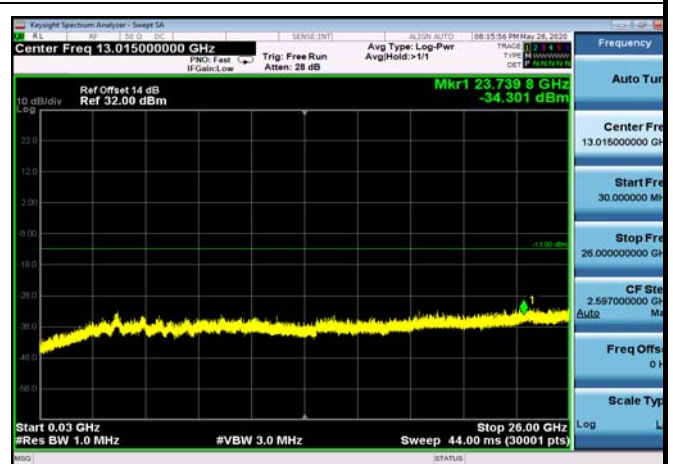
FDD66_LowRange_1.4MHz_30MHz~26GHz



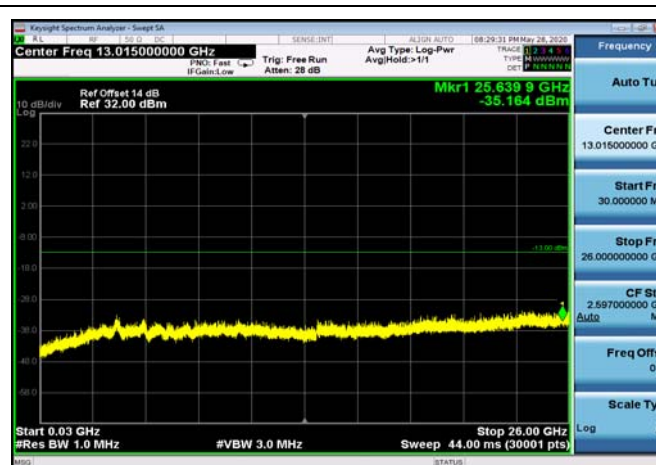
FDD66_HighRange_3MHz_30MHz~26GHz



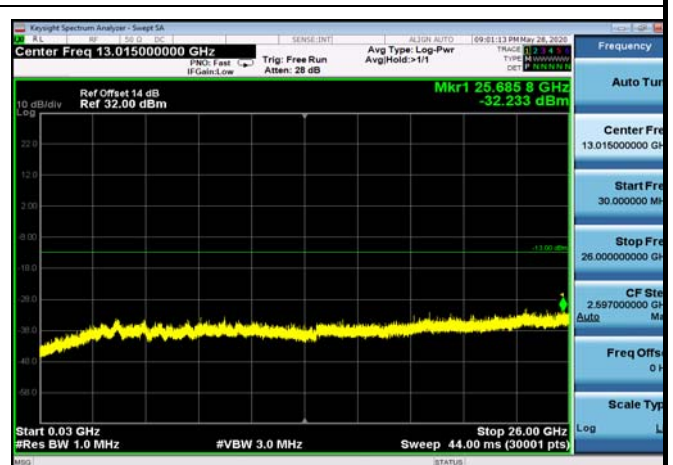
FDD66_LowRange_15MHz_30MHz~26GHz



FDD66_LowRange_10MHz_30MHz~26GHz

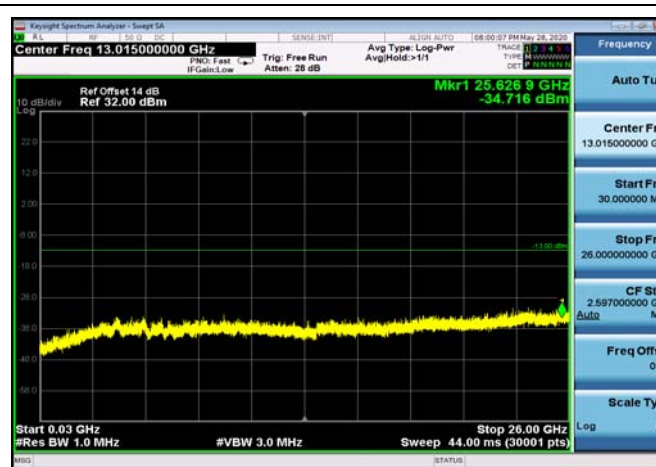


FDD66_LowRange_3MHz_30MHz~26GHz

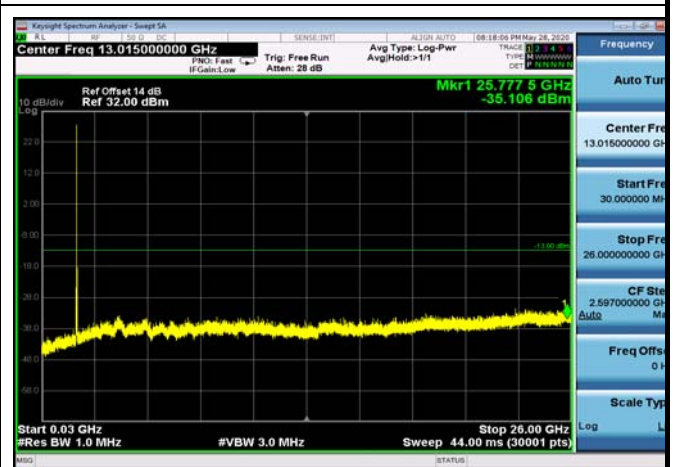




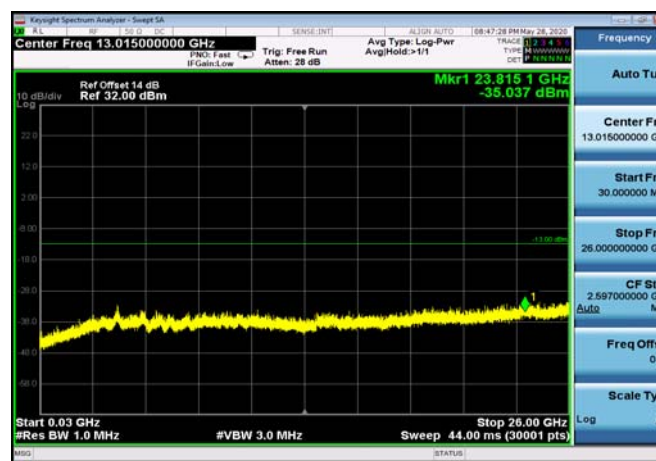
FDD66_LowRange_20MHz_30MHz~26GHz



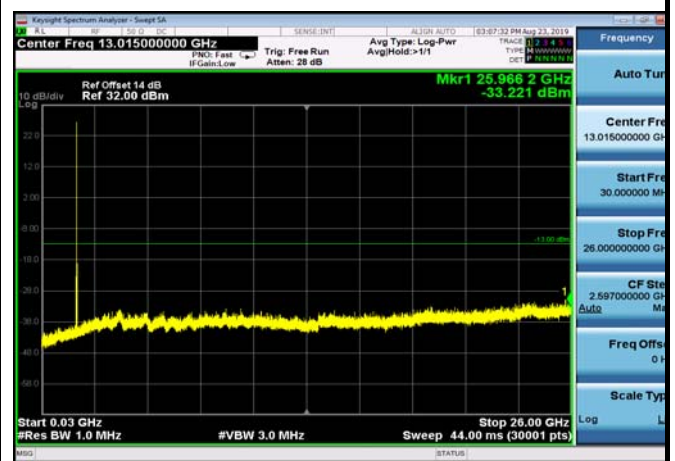
FDD66_MidRange_15MHz_30MHz~26GHz



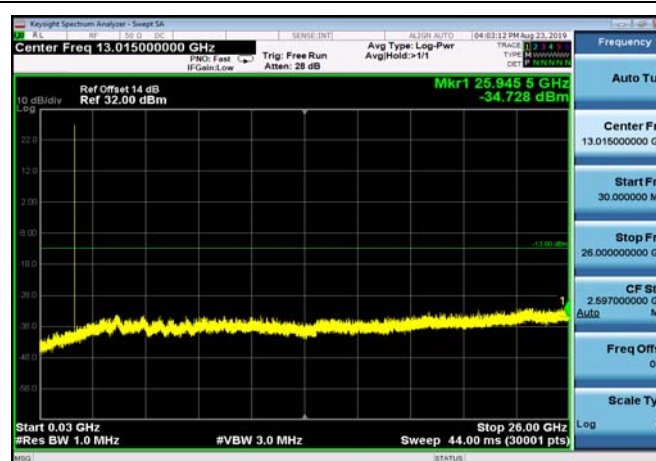
FDD66_LowRange_5MHz_30MHz~26GHz



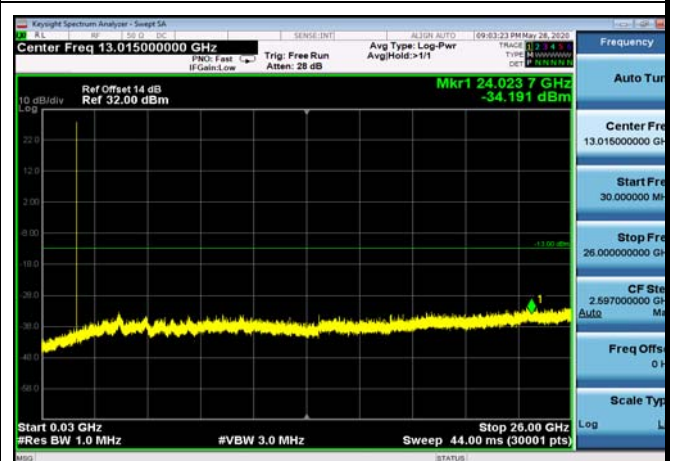
FDD66_MidRange_10MHz_30MHz~26GHz



FDD66_MidRange_1.4MHz_30MHz~26GHz

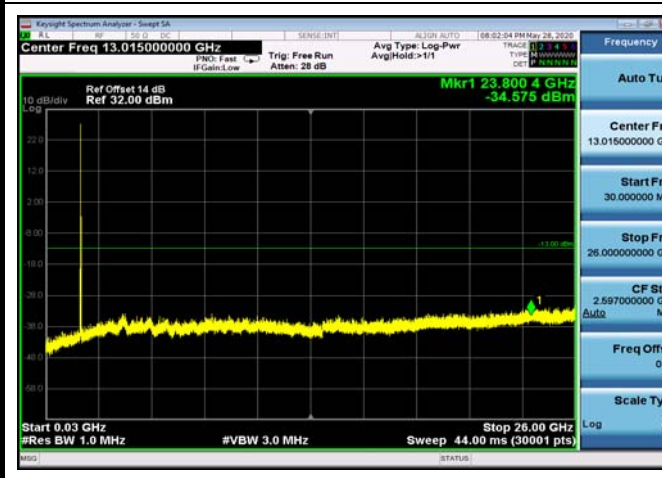


FDD66_MidRange_3MHz_30MHz~26GHz

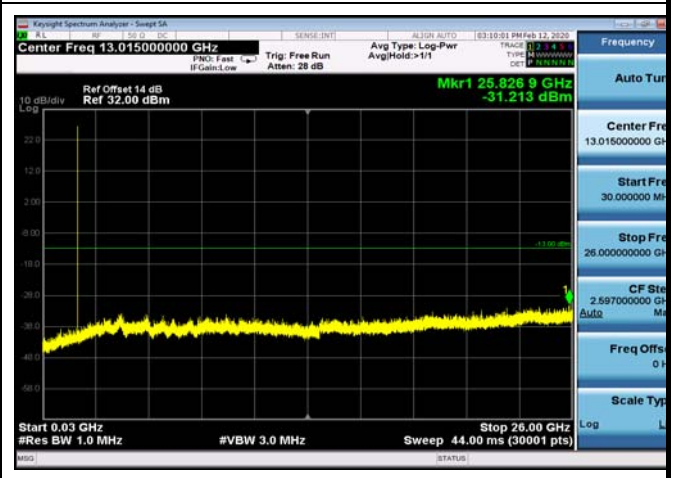




FDD66_MidRange_20MHz_30MHz~26GHz



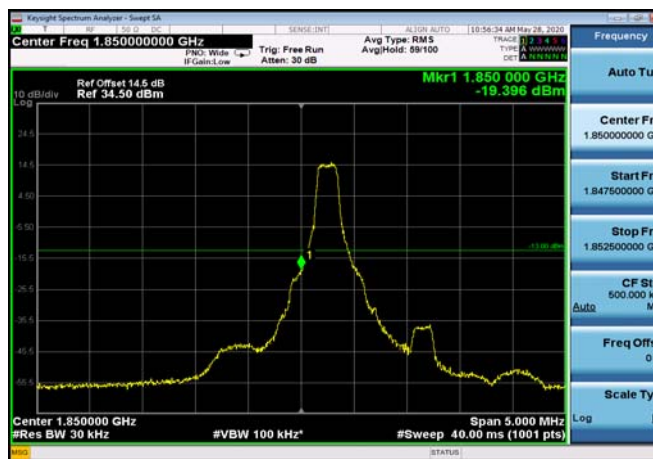
FDD66_MidRange_5MHz_30MHz~26GHz



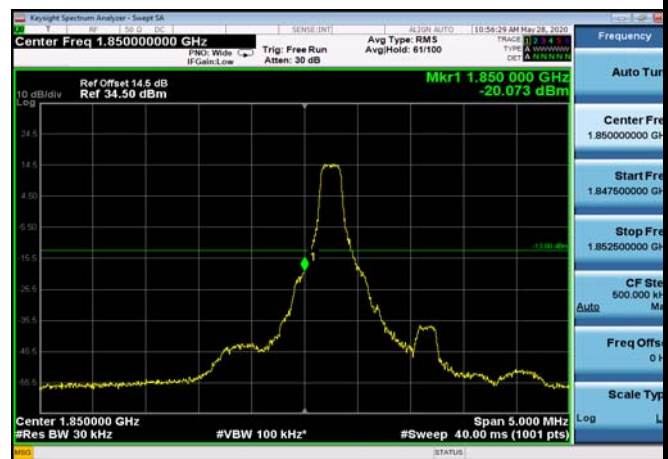
Conducted Band Edge

Test Result and Data

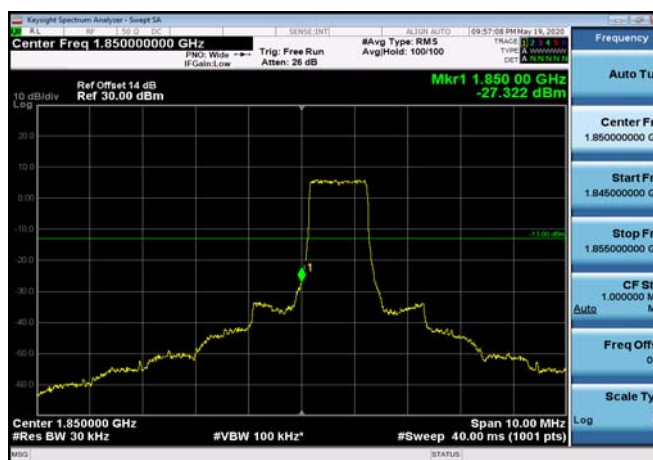
LowRange_FDD02_1.4MHz_1850.7_OneRB
_low_QPSK



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

