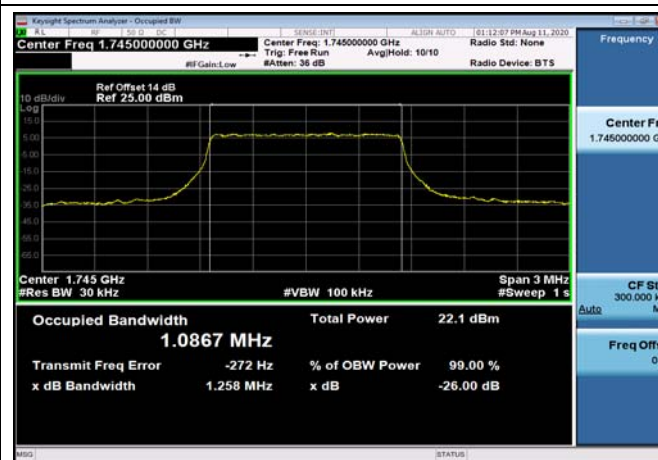
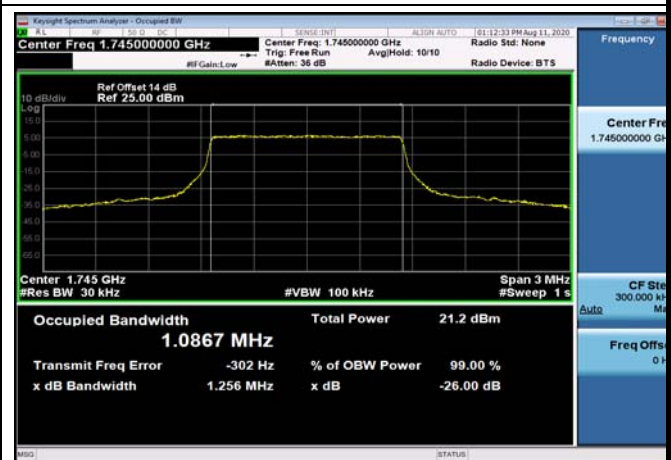




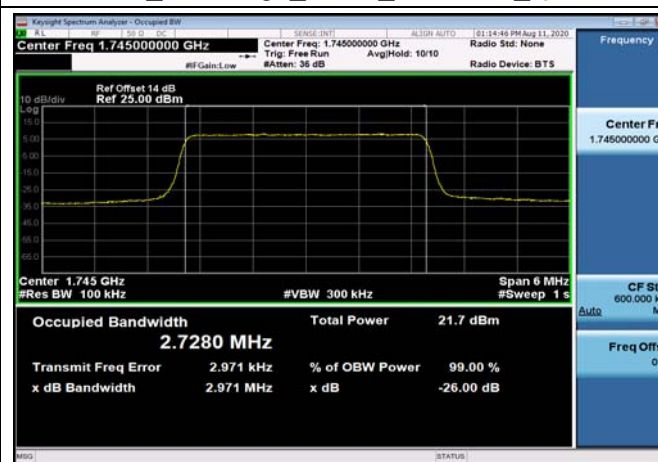
FDD66_MidRange_1.4MHz_1745MHz_QPSK



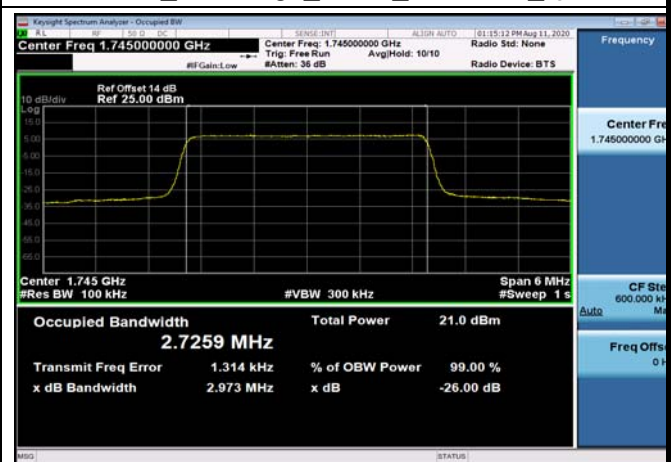
FDD66_MidRange_1.4MHz_1745MHz_Q16



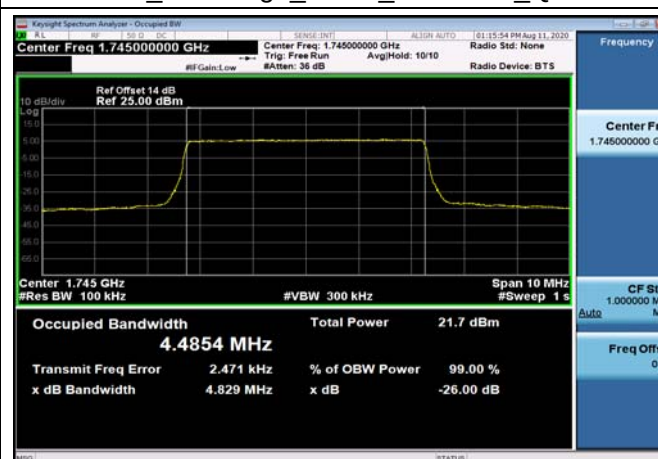
FDD66_MidRange_3MHz_1745MHz_QPSK



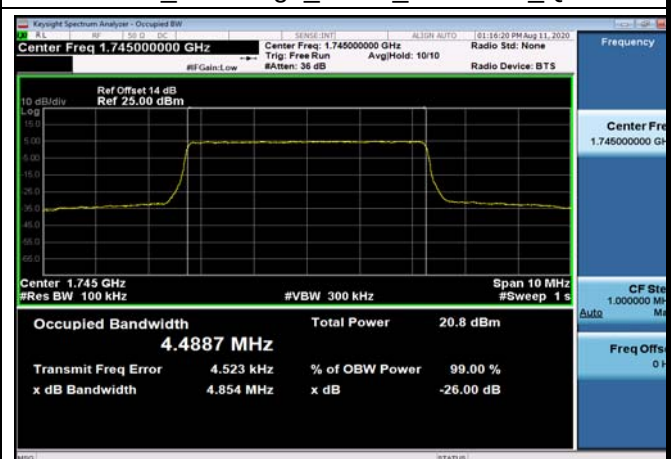
FDD66_MidRange_3MHz_1745MHz_Q16



FDD66_MidRange_5MHz_1745MHz_QPSK

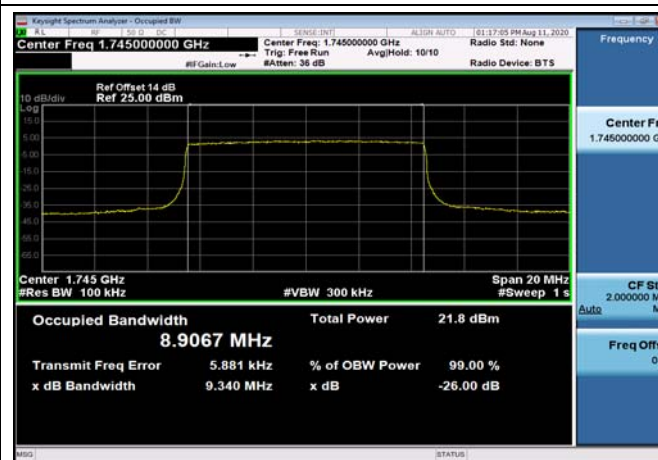


FDD66_MidRange_5MHz_1745MHz_Q16

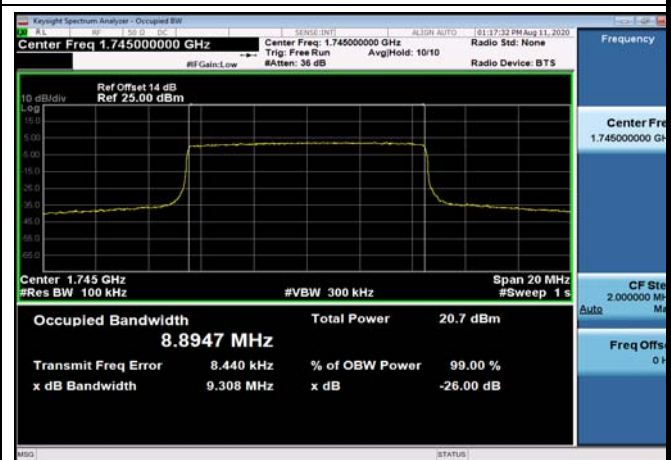




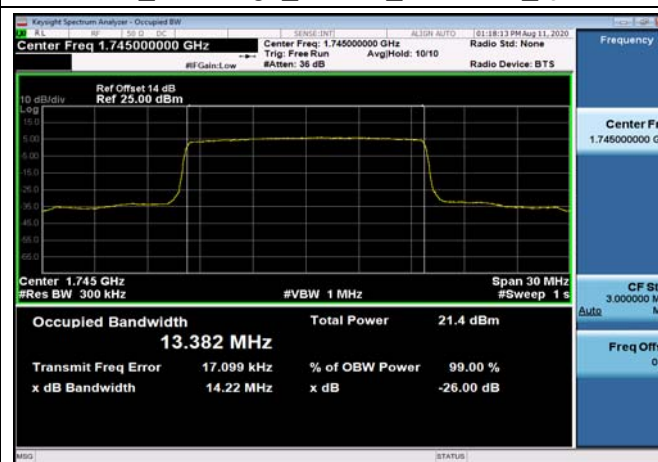
FDD66_MidRange_10MHz_1745MHz_QPSK



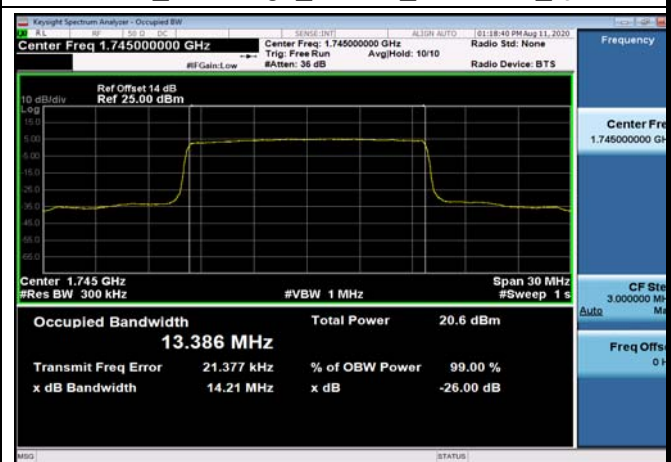
FDD66_MidRange_10MHz_1745MHz_Q16



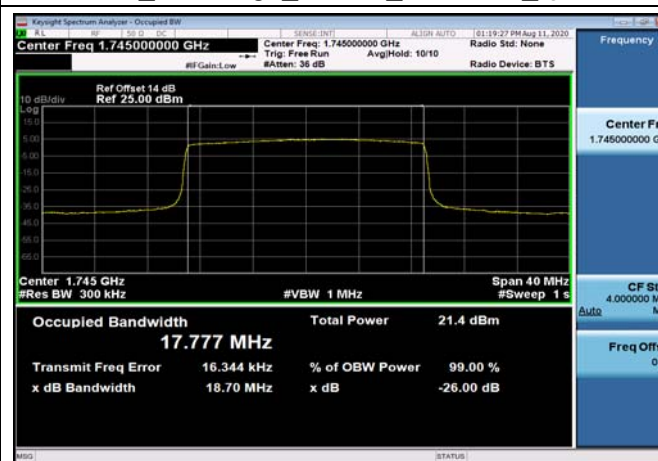
FDD66_MidRange_15MHz_1745MHz_QPSK



FDD66_MidRange_15MHz_1745MHz_Q16



FDD66_MidRange_20MHz_1745MHz_QPSK



FDD66_MidRange_20MHz_1745MHz_Q16





Frequency Stability

Test Result and Data

Temperature	Voltage	Band	BandWidth (MHz)	RbMode	Modulation	Frequency Error (ppm)	Limit (ppm)	Result
Normal	Low	FDD02	10	fullRB	QPSK	0.005	± 2.5	Pass
Normal	Normal	FDD02	10	fullRB	QPSK	0.004	± 2.5	Pass
Normal	High	FDD02	10	fullRB	QPSK	0.005	± 2.5	Pass
50	Normal	FDD02	10	fullRB	QPSK	0.005	± 2.5	Pass
40	Normal	FDD02	10	fullRB	QPSK	0.005	± 2.5	Pass
30	Normal	FDD02	10	fullRB	QPSK	0.003	± 2.5	Pass
20	Normal	FDD02	10	fullRB	QPSK	0.003	± 2.5	Pass
10	Normal	FDD02	10	fullRB	QPSK	0.004	± 2.5	Pass
0	Normal	FDD02	10	fullRB	QPSK	0.005	± 2.5	Pass
-10	Normal	FDD02	10	fullRB	QPSK	0.004	± 2.5	Pass
-20	Normal	FDD02	10	fullRB	QPSK	0.004	± 2.5	Pass
-30	Normal	FDD02	10	fullRB	QPSK	0.004	± 2.5	Pass
Normal	Low	FDD04	10	fullRB	QPSK	0.002	± 2.5	Pass
Normal	Normal	FDD04	10	fullRB	QPSK	0.003	± 2.5	Pass
Normal	High	FDD04	10	fullRB	QPSK	0.002	± 2.5	Pass
50	Normal	FDD04	10	fullRB	QPSK	0.004	± 2.5	Pass
40	Normal	FDD04	10	fullRB	QPSK	0.003	± 2.5	Pass
30	Normal	FDD04	10	fullRB	QPSK	0.002	± 2.5	Pass
20	Normal	FDD04	10	fullRB	QPSK	0.004	± 2.5	Pass
10	Normal	FDD04	10	fullRB	QPSK	0.004	± 2.5	Pass
0	Normal	FDD04	10	fullRB	QPSK	0.004	± 2.5	Pass
-10	Normal	FDD04	10	fullRB	QPSK	0.003	± 2.5	Pass
-20	Normal	FDD04	10	fullRB	QPSK	0.003	± 2.5	Pass
-30	Normal	FDD04	10	fullRB	QPSK	0.003	± 2.5	Pass
Normal	Low	FDD05	10	fullRB	QPSK	0.003	± 2.5	Pass
Normal	Normal	FDD05	10	fullRB	QPSK	0.004	± 2.5	Pass
Normal	High	FDD05	10	fullRB	QPSK	0.005	± 2.5	Pass



50	Normal	FDD05	10	fullRB	QPSK	0.006	± 2.5	Pass
40	Normal	FDD05	10	fullRB	QPSK	0.003	± 2.5	Pass
30	Normal	FDD05	10	fullRB	QPSK	0.003	± 2.5	Pass
20	Normal	FDD05	10	fullRB	QPSK	0.003	± 2.5	Pass
10	Normal	FDD05	10	fullRB	QPSK	0.004	± 2.5	Pass
0	Normal	FDD05	10	fullRB	QPSK	0.003	± 2.5	Pass
-10	Normal	FDD05	10	fullRB	QPSK	0.003	± 2.5	Pass
-20	Normal	FDD05	10	fullRB	QPSK	0.005	± 2.5	Pass
-30	Normal	FDD05	10	fullRB	QPSK	0.005	± 2.5	Pass
Normal	Low	FDD12	10	fullRB	QPSK	0.004	± 2.5	Pass
Normal	Normal	FDD12	10	fullRB	QPSK	0.005	± 2.5	Pass
Normal	High	FDD12	10	fullRB	QPSK	0.004	± 2.5	Pass
50	Normal	FDD12	10	fullRB	QPSK	0.002	± 2.5	Pass
40	Normal	FDD12	10	fullRB	QPSK	0.004	± 2.5	Pass
30	Normal	FDD12	10	fullRB	QPSK	0.002	± 2.5	Pass
20	Normal	FDD12	10	fullRB	QPSK	0.006	± 2.5	Pass
10	Normal	FDD12	10	fullRB	QPSK	0.003	± 2.5	Pass
0	Normal	FDD12	10	fullRB	QPSK	0.004	± 2.5	Pass
-10	Normal	FDD12	10	fullRB	QPSK	0.003	± 2.5	Pass
-20	Normal	FDD12	10	fullRB	QPSK	0.004	± 2.5	Pass
-30	Normal	FDD12	10	fullRB	QPSK	0.003	± 2.5	Pass
Normal	Low	FDD66	10	fullRB	QPSK	0.004	± 2.5	Pass
Normal	Normal	FDD66	10	fullRB	QPSK	0.004	± 2.5	Pass
Normal	High	FDD66	10	fullRB	QPSK	0.003	± 2.5	Pass
50	Normal	FDD66	10	fullRB	QPSK	0.005	± 2.5	Pass
40	Normal	FDD66	10	fullRB	QPSK	0.004	± 2.5	Pass
30	Normal	FDD66	10	fullRB	QPSK	0.004	± 2.5	Pass
20	Normal	FDD66	10	fullRB	QPSK	0.005	± 2.5	Pass
10	Normal	FDD66	10	fullRB	QPSK	0.004	± 2.5	Pass
0	Normal	FDD66	10	fullRB	QPSK	0.004	± 2.5	Pass
-10	Normal	FDD66	10	fullRB	QPSK	0.004	± 2.5	Pass
-20	Normal	FDD66	10	fullRB	QPSK	0.003	± 2.5	Pass



-30	Normal	FDD66	10	fullRB	QPSK	0.004	± 2.5	Pass
Normal	Low	FDD13	10	fullRB	QPSK	0.005	± 2.5	Pass
Normal	Normal	FDD13	10	fullRB	QPSK	0.005	± 2.5	Pass
Normal	High	FDD13	10	fullRB	QPSK	0.005	± 2.5	Pass
50	Normal	FDD13	10	fullRB	QPSK	0.004	± 2.5	Pass
40	Normal	FDD13	10	fullRB	QPSK	0.005	± 2.5	Pass
30	Normal	FDD13	10	fullRB	QPSK	0.005	± 2.5	Pass
20	Normal	FDD13	10	fullRB	QPSK	0.005	± 2.5	Pass
10	Normal	FDD13	10	fullRB	QPSK	0.003	± 2.5	Pass
0	Normal	FDD13	10	fullRB	QPSK	0.003	± 2.5	Pass
-10	Normal	FDD13	10	fullRB	QPSK	0.004	± 2.5	Pass
-20	Normal	FDD13	10	fullRB	QPSK	0.005	± 2.5	Pass
-30	Normal	FDD13	10	fullRB	QPSK	0.004	± 2.5	Pass
Normal	Low	FDD14	10	fullRB	QPSK	0.004	± 2.5	Pass
Normal	Normal	FDD14	10	fullRB	QPSK	0.004	± 2.5	Pass
Normal	High	FDD14	10	fullRB	QPSK	0.002	± 2.5	Pass
50	Normal	FDD14	10	fullRB	QPSK	0.003	± 2.5	Pass
40	Normal	FDD14	10	fullRB	QPSK	0.002	± 2.5	Pass
30	Normal	FDD14	10	fullRB	QPSK	0.004	± 2.5	Pass
20	Normal	FDD14	10	fullRB	QPSK	0.003	± 2.5	Pass
10	Normal	FDD14	10	fullRB	QPSK	0.002	± 2.5	Pass
0	Normal	FDD14	10	fullRB	QPSK	0.004	± 2.5	Pass
-10	Normal	FDD14	10	fullRB	QPSK	0.004	± 2.5	Pass
-20	Normal	FDD14	10	fullRB	QPSK	0.004	± 2.5	Pass
-30	Normal	FDD14	10	fullRB	QPSK	0.003	± 2.5	Pass

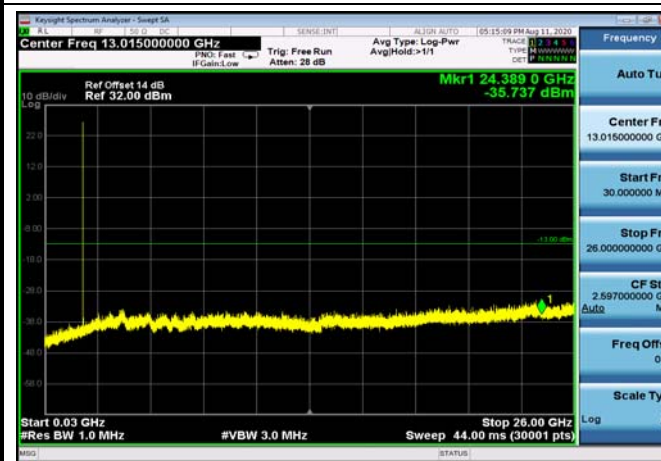
Note: Normal=12V, Low=9V, High=36V



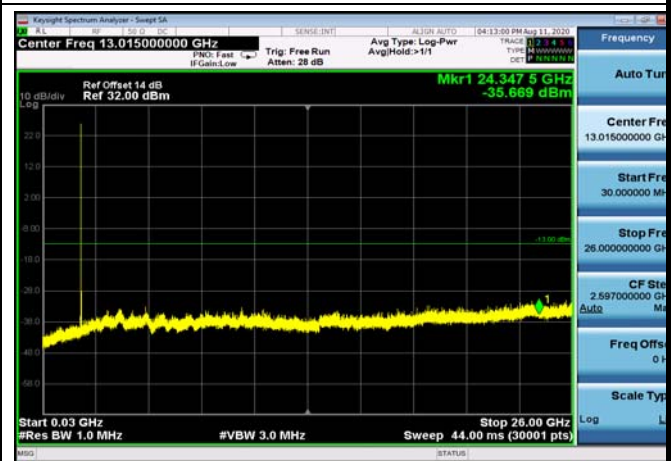
Conducted Out of Band Emissions

Test Result and Data

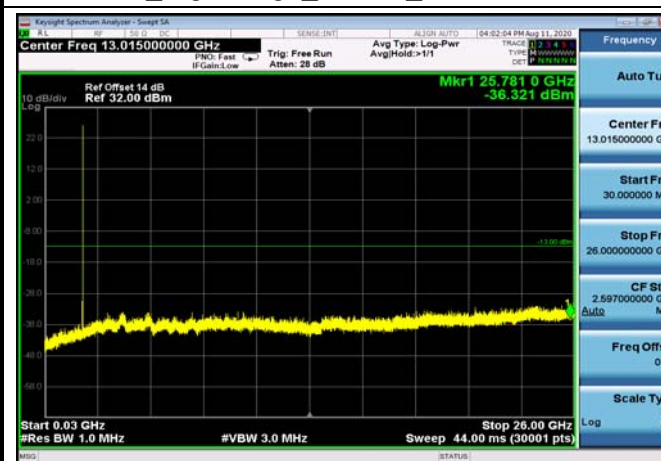
FDD02_HighRange_1.4MHz_30MHz~26GHz



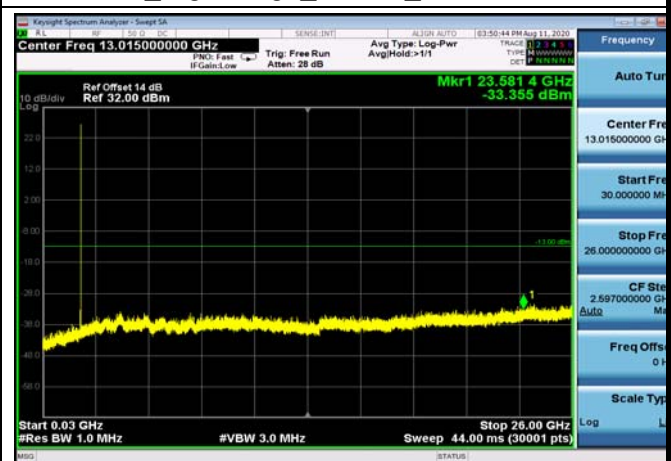
FDD02_HighRange_10MHz_30MHz~26GHz



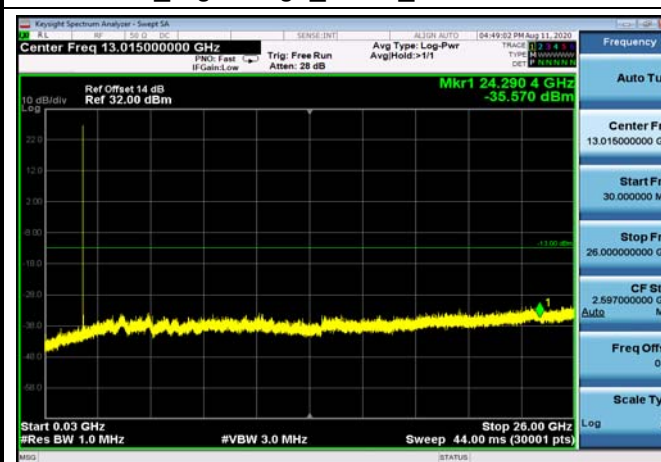
FDD02_HighRange_15MHz_30MHz~26GHz



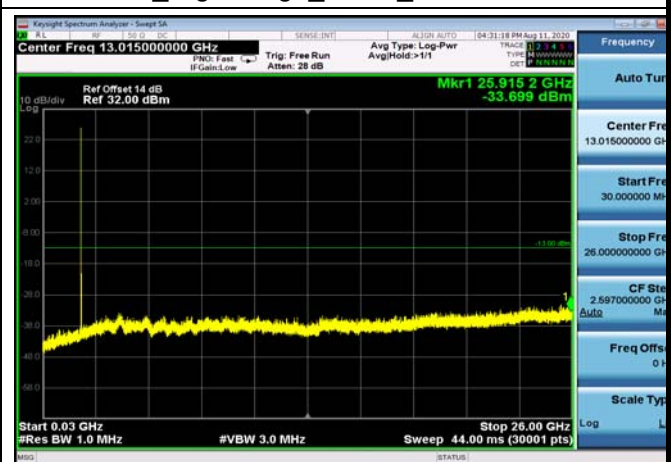
FDD02_HighRange_20MHz_30MHz~26GHz



FDD02_HighRange_3MHz_30MHz~26GHz

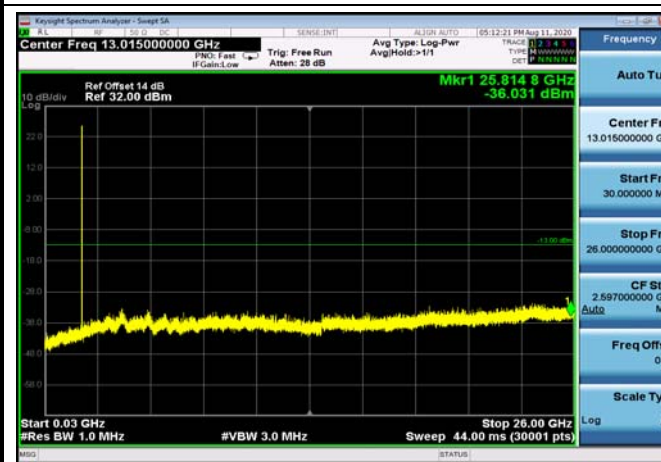


FDD02_HighRange_5MHz_30MHz~26GHz

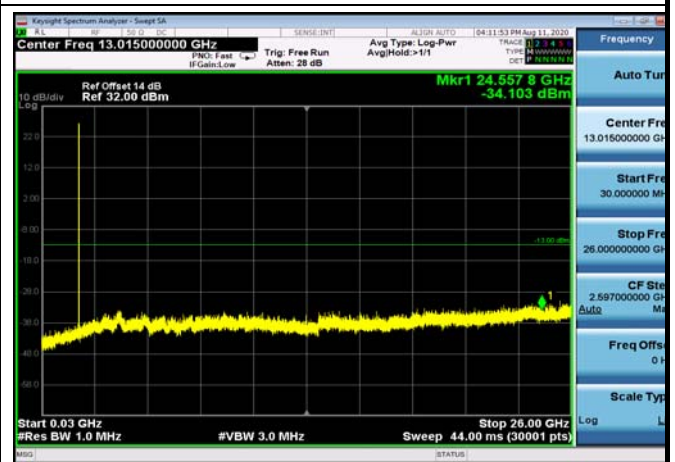




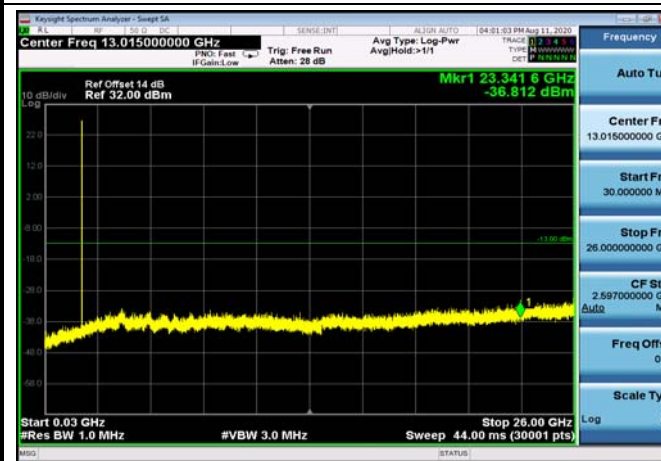
FDD02_LowRange_1.4MHz_30MHz~26GHz



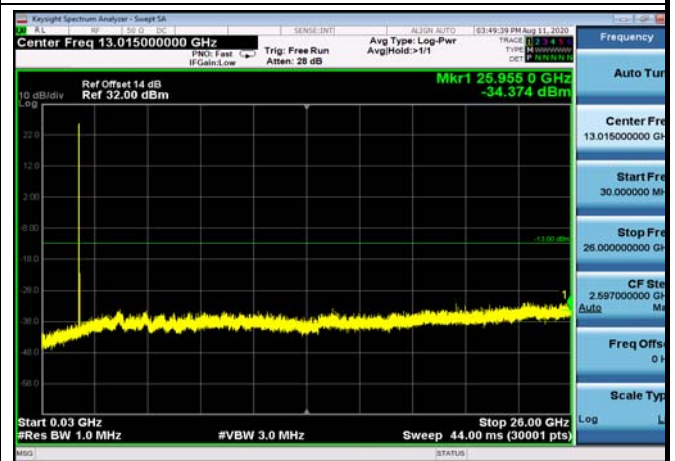
FDD02_LowRange_10MHz_30MHz~26GHz



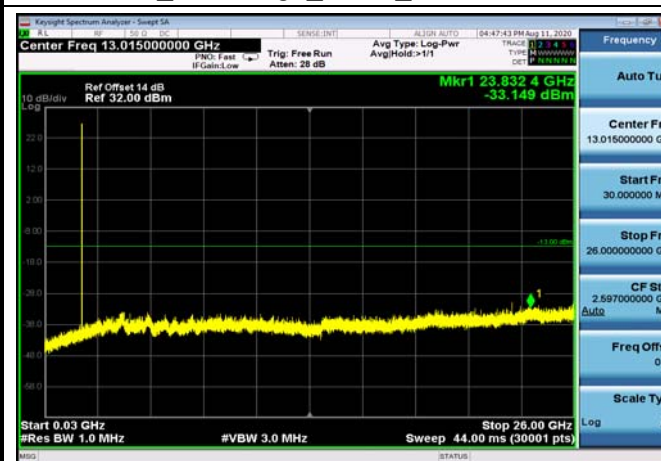
FDD02_LowRange_15MHz_30MHz~26GHz



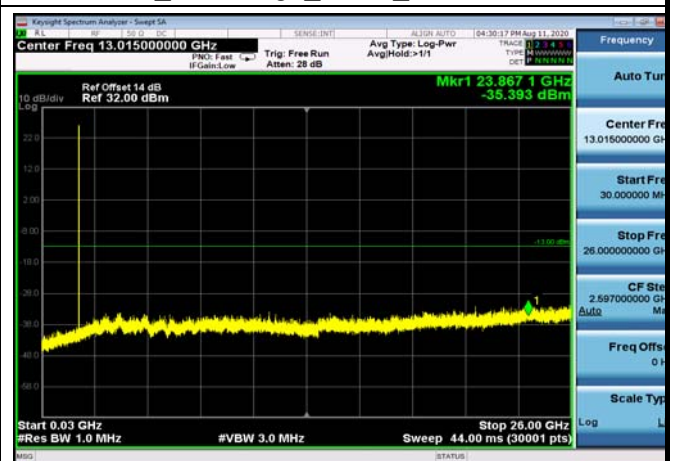
FDD02_LowRange_20MHz_30MHz~26GHz



FDD02_LowRange_3MHz_30MHz~26GHz

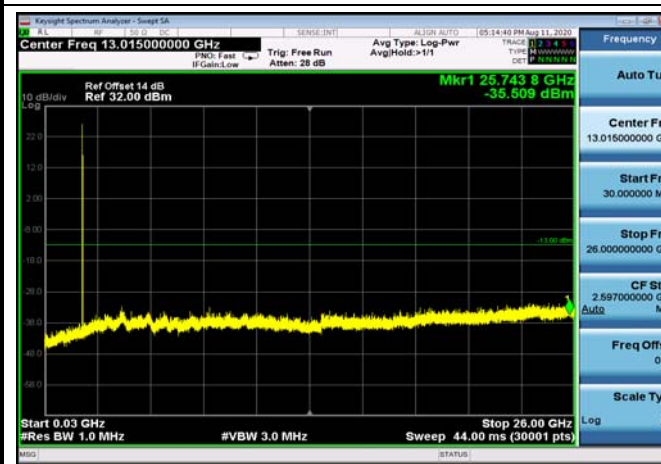


FDD02_LowRange_5MHz_30MHz~26GHz

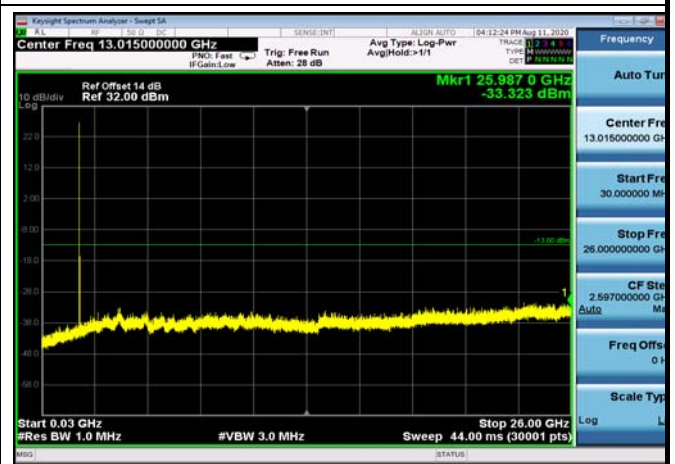




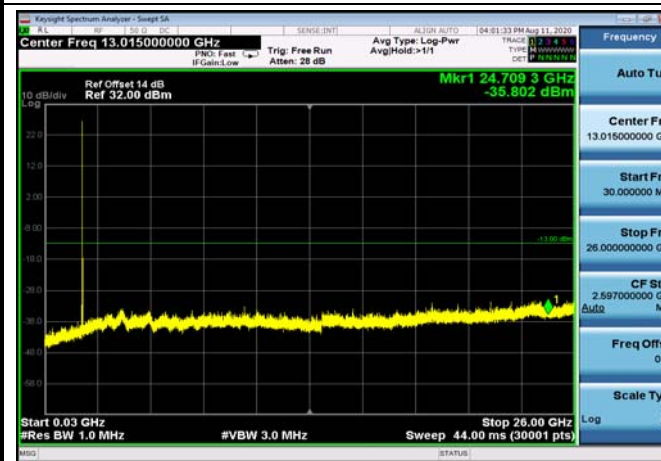
FDD02_MidRange_1.4MHz_30MHz~26GHz



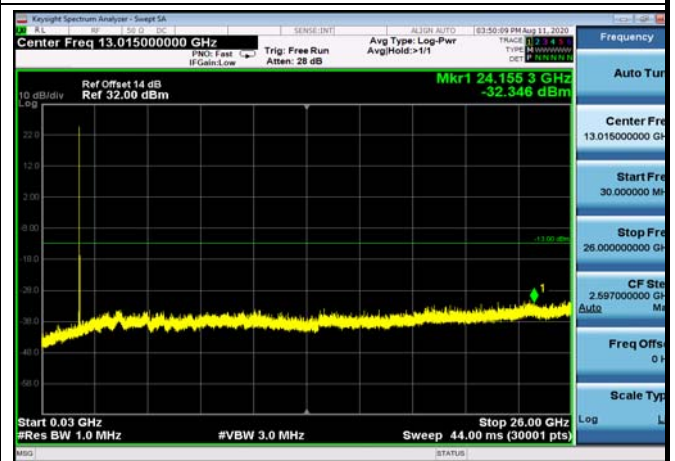
FDD02_MidRange_10MHz_30MHz~26GHz



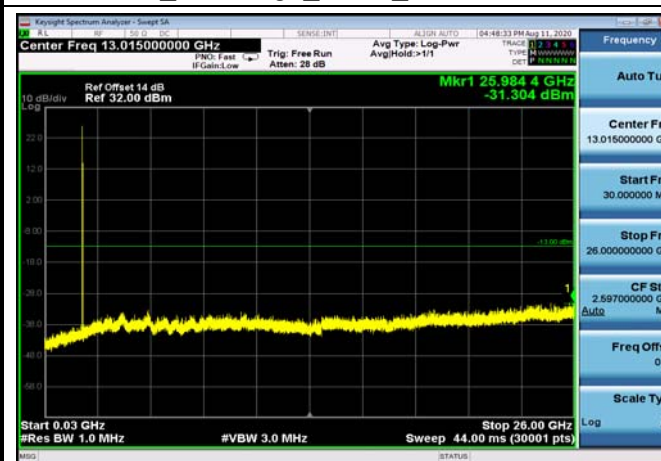
FDD02_MidRange_15MHz_30MHz~26GHz



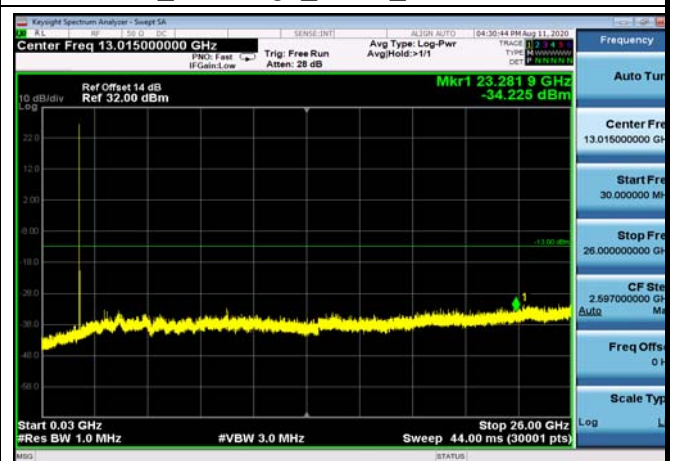
FDD02_MidRange_20MHz_30MHz~26GHz



FDD02_MidRange_3MHz_30MHz~26GHz

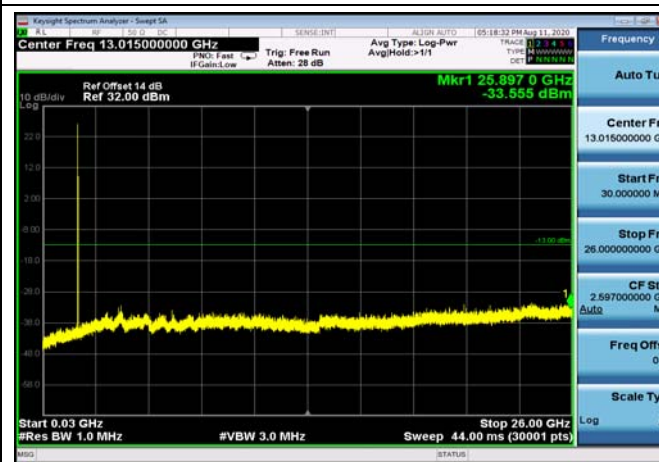


FDD02_MidRange_5MHz_30MHz~26GHz

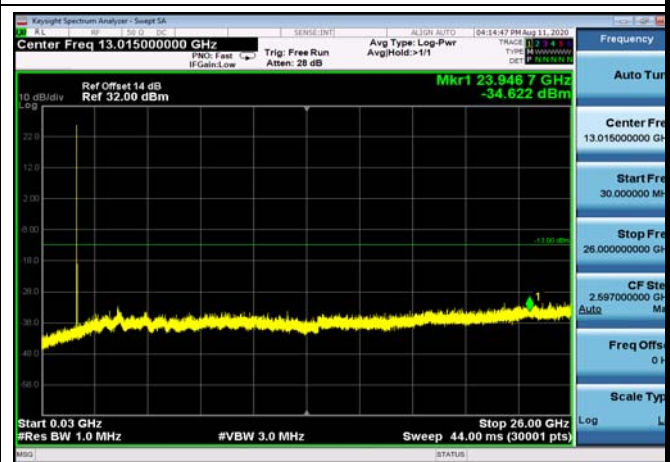




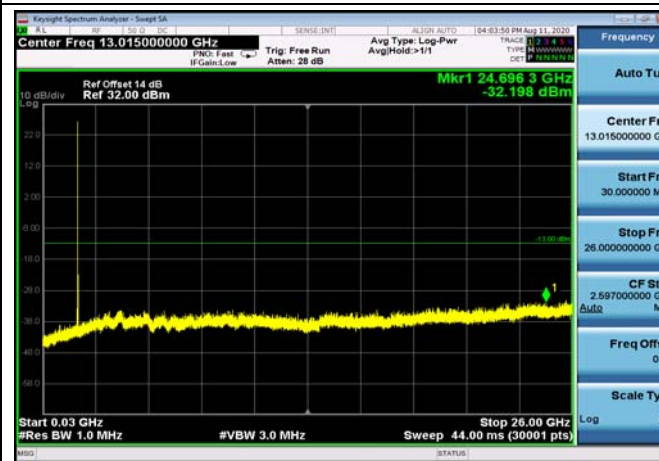
FDD04_HighRange_1.4MHz_30MHz~26GHz



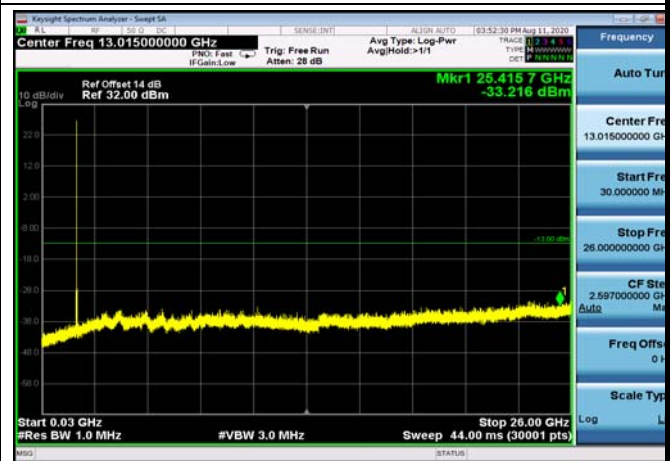
FDD04_HighRange_10MHz_30MHz~26GHz



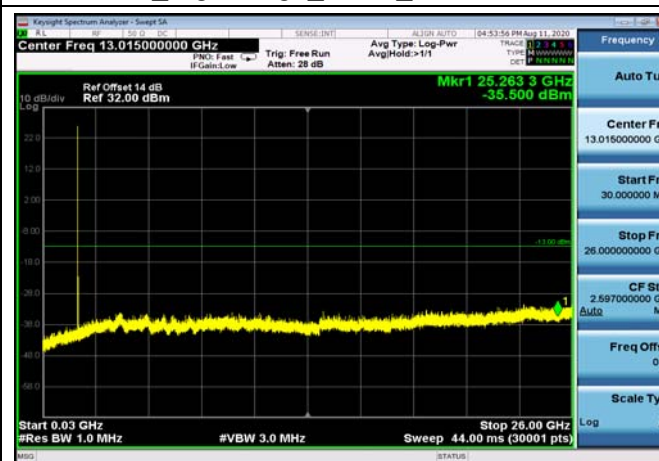
FDD04_HighRange_15MHz_30MHz~26GHz



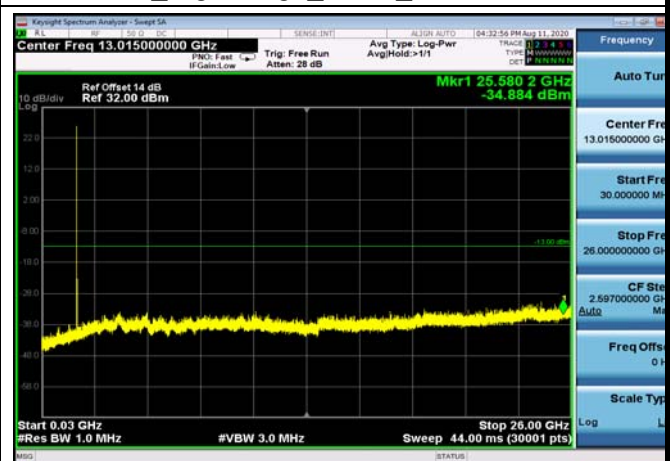
FDD04_HighRange_20MHz_30MHz~26GHz



FDD04_HighRange_3MHz_30MHz~26GHz

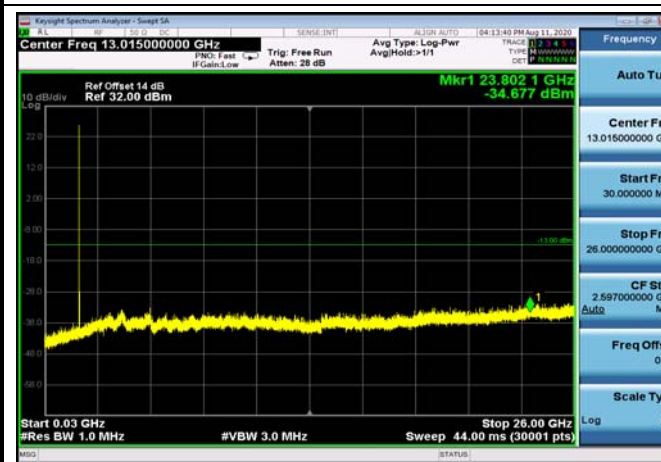


FDD04_HighRange_5MHz_30MHz~26GHz

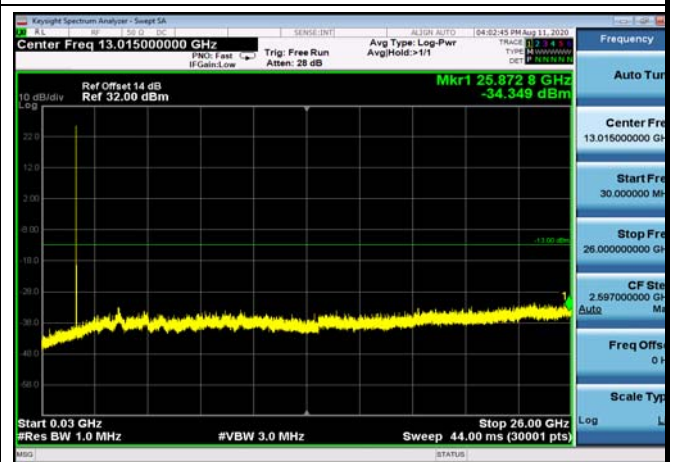




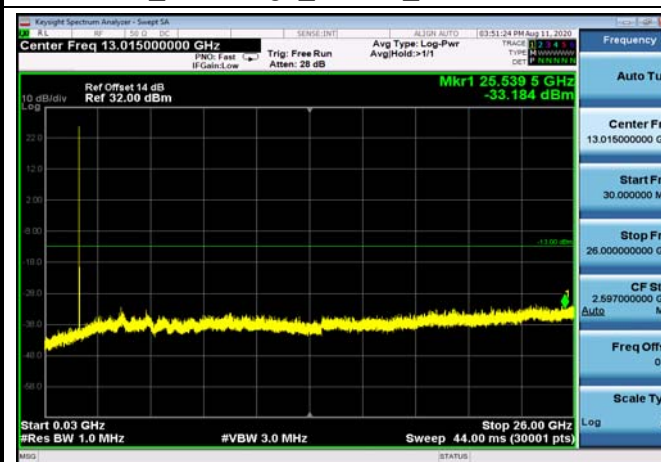
FDD04_LowRange_10MHz_30MHz~26GHz



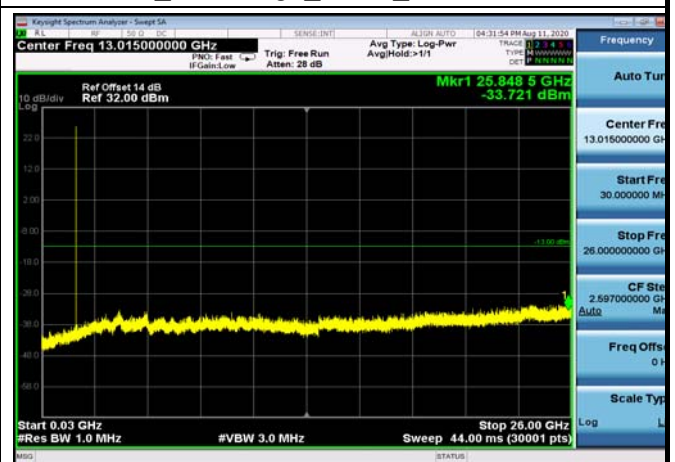
FDD04_LowRange_15MHz_30MHz~26GHz



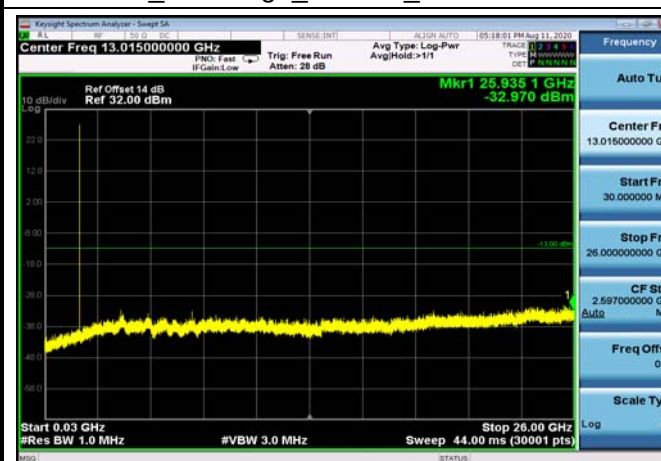
FDD04_LowRange_20MHz_30MHz~26GHz



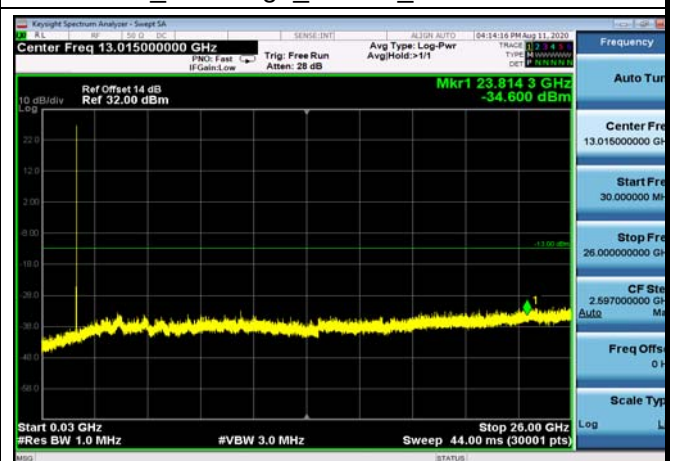
FDD04_LowRange_5MHz_30MHz~26GHz



FDD04_MidRange_1.4MHz_30MHz~26GHz

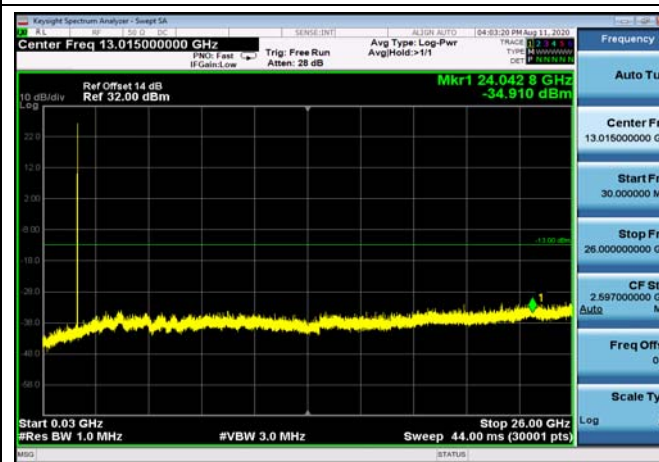


FDD04_MidRange_10MHz_30MHz~26GHz

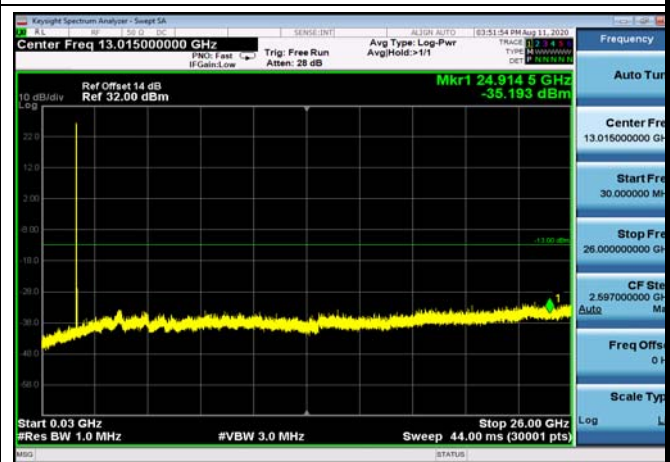




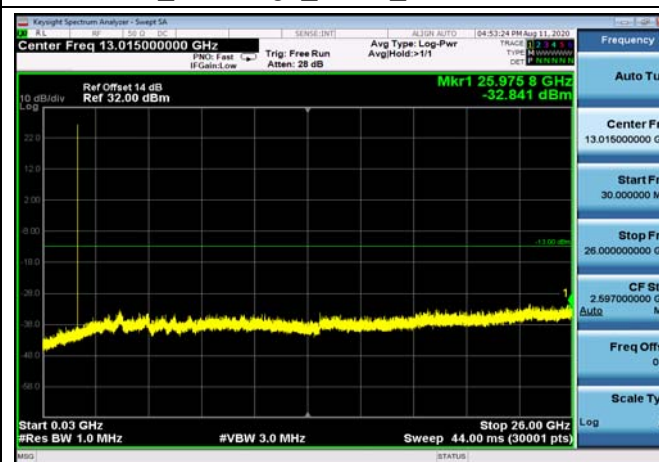
FDD04_MidRange_15MHz_30MHz~26GHz



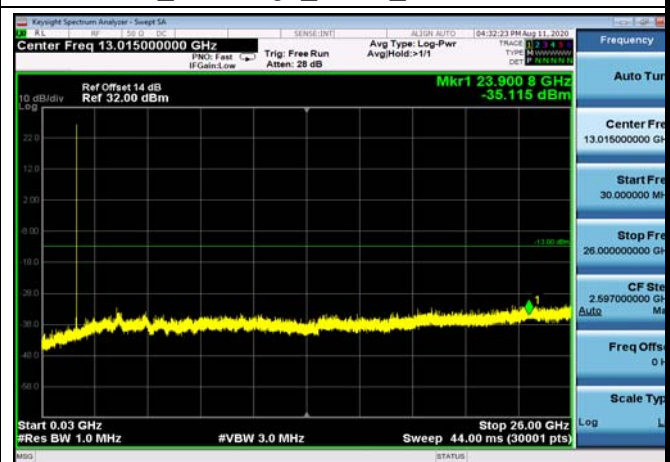
FDD04_MidRange_20MHz_30MHz~26GHz



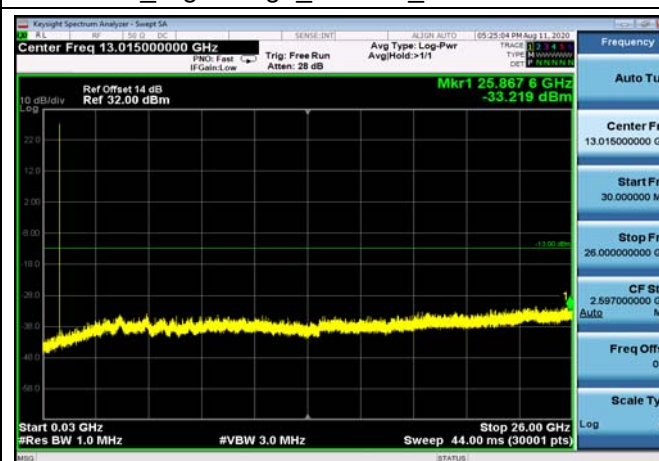
FDD04_MidRange_3MHz_30MHz~26GHz



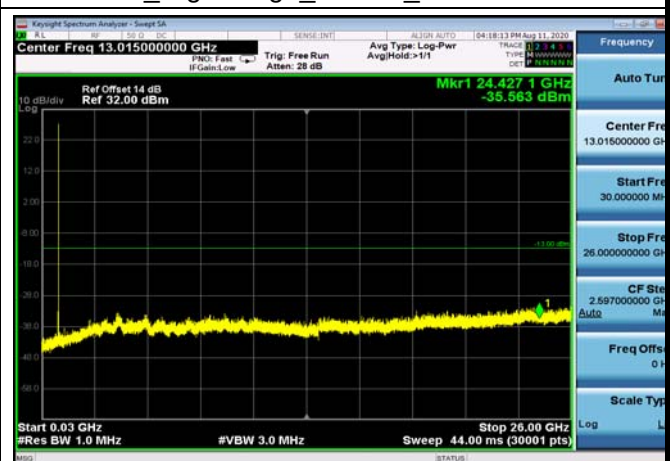
FDD04_MidRange_5MHz_30MHz~26GHz



FDD05_HighRange_1.4MHz_30MHz~26GHz

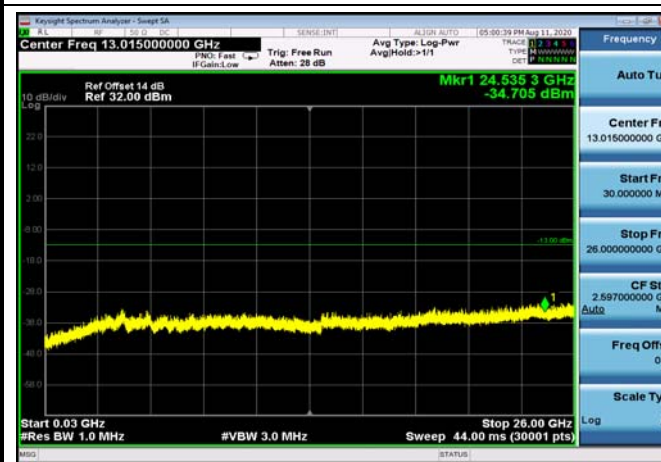


FDD05_HighRange_10MHz_30MHz~26GHz

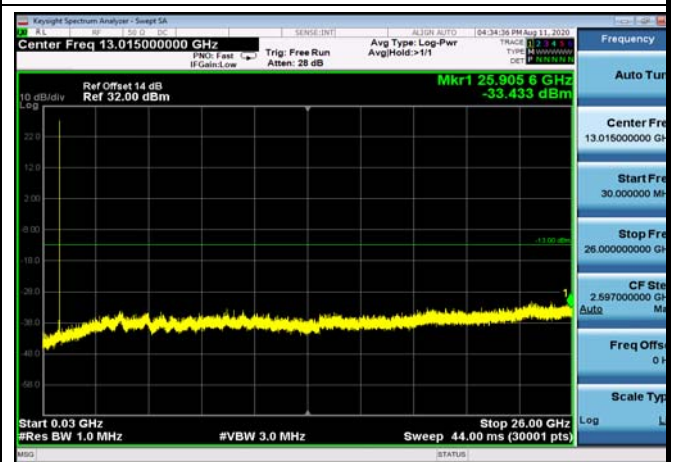




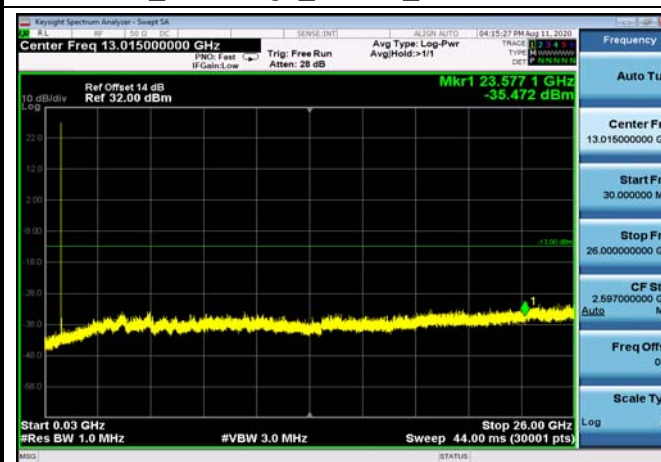
FDD05_HighRange_3MHz_30MHz~26GHz



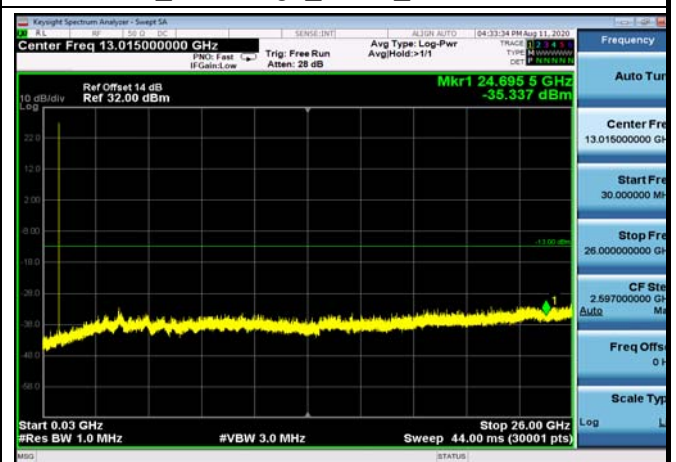
FDD05_HighRange_5MHz_30MHz~26GHz



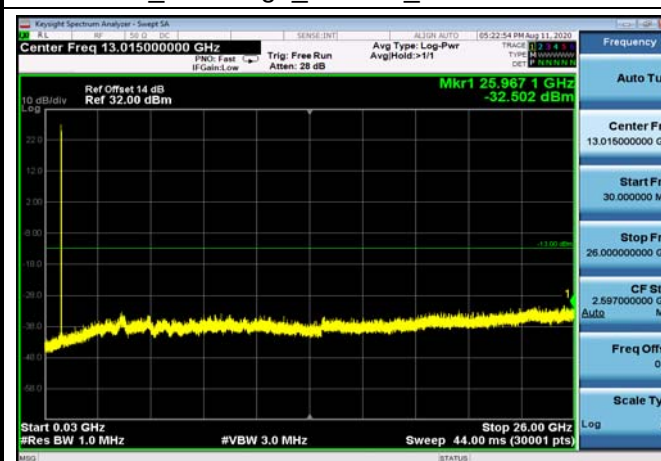
FDD05_LowRange_10MHz_30MHz~26GHz



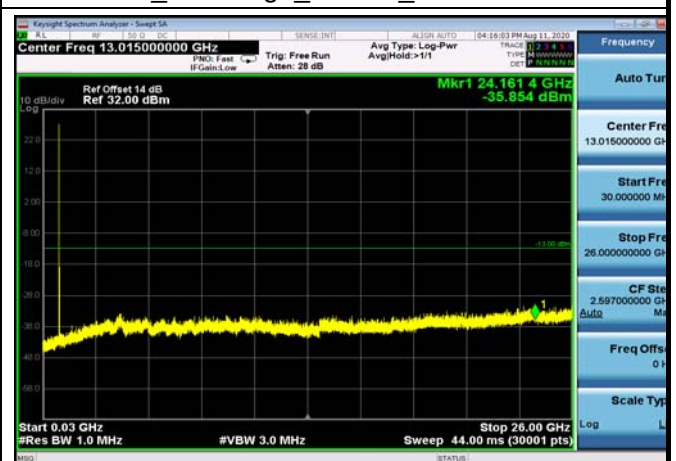
FDD05_LowRange_5MHz_30MHz~26GHz



FDD05_MidRange_1.4MHz_30MHz~26GHz

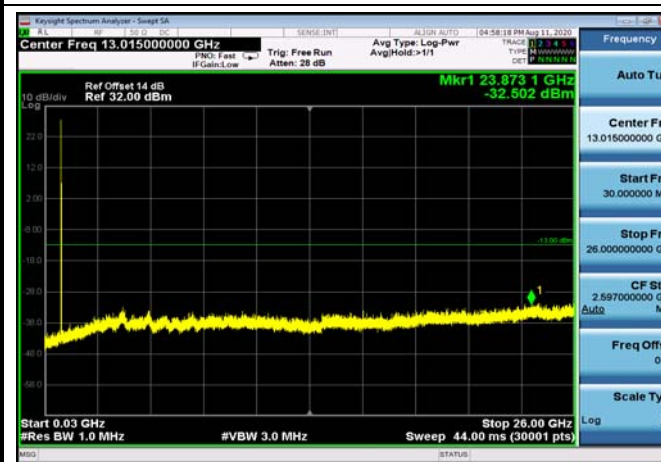


FDD05_MidRange_10MHz_30MHz~26GHz

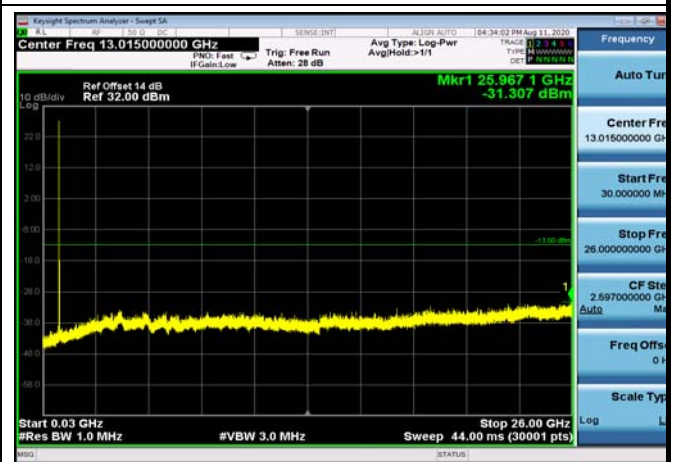




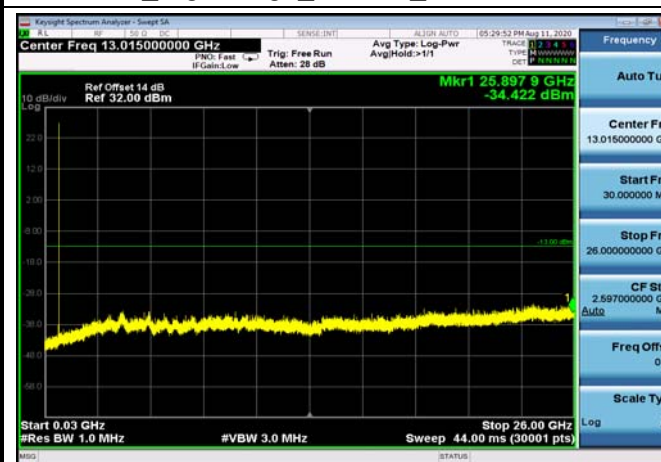
FDD05_MidRange_3MHz_30MHz~26GHz



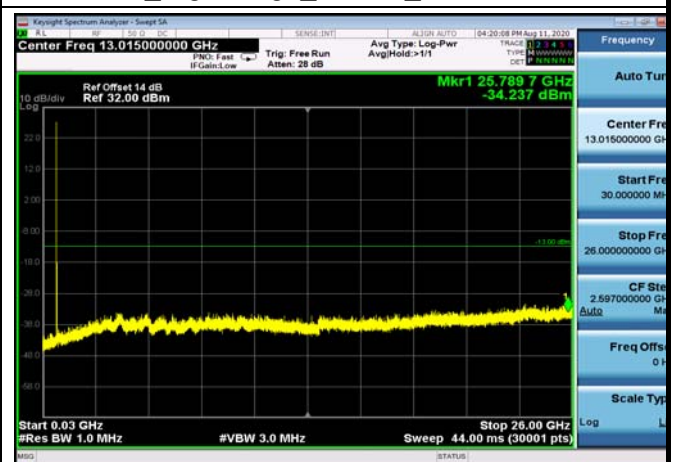
FDD05_MidRange_5MHz_30MHz~26GHz



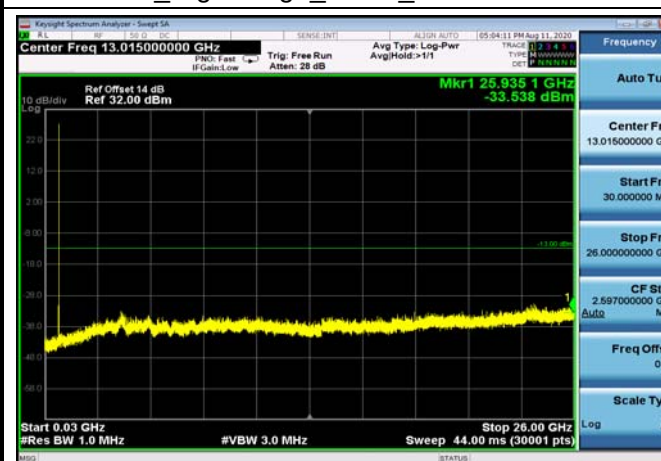
FDD12_HighRange_1.4MHz_30MHz~26GHz



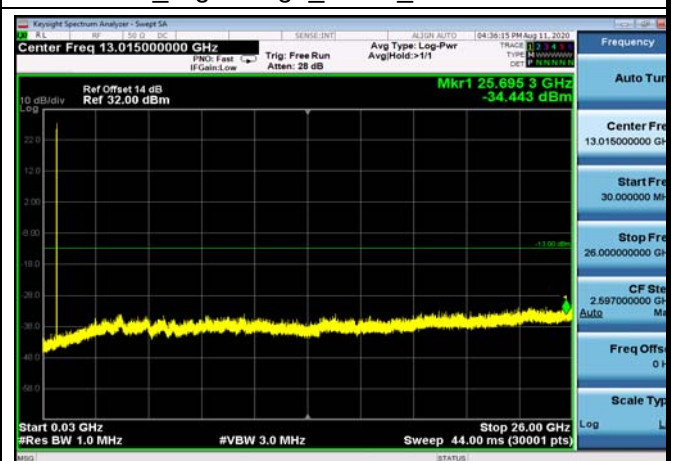
FDD12_HighRange_10MHz_30MHz~26GHz



FDD12_HighRange_3MHz_30MHz~26GHz

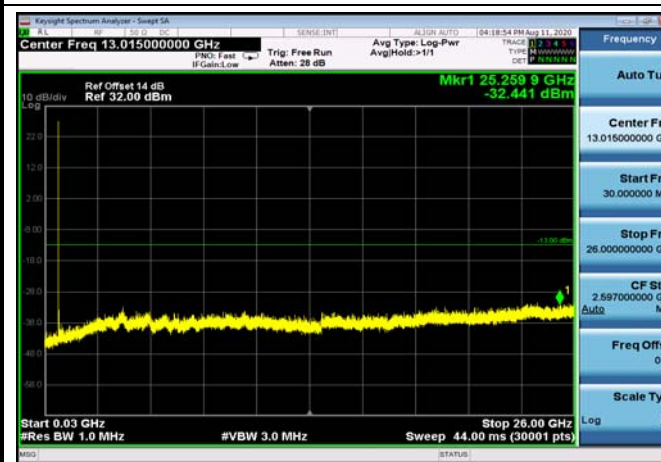


FDD12_HighRange_5MHz_30MHz~26GHz

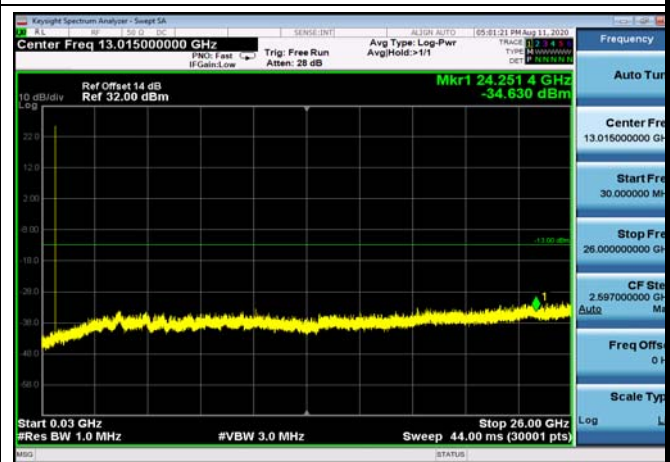




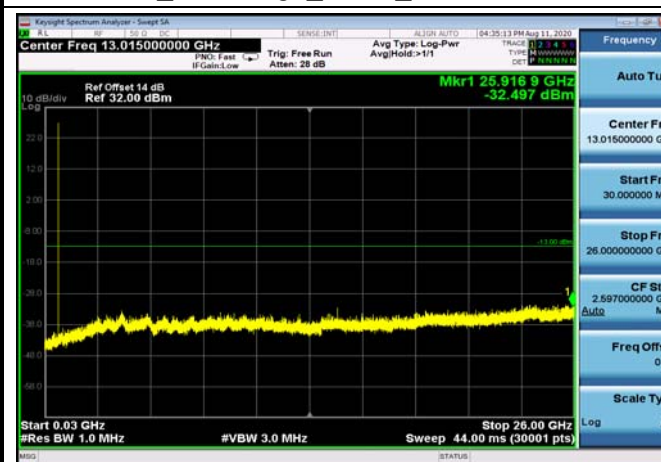
FDD12_LowRange_10MHz_30MHz~26GHz



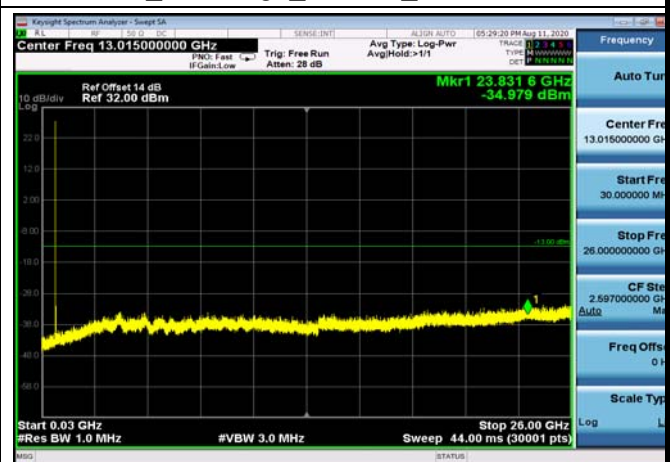
FDD12_LowRange_3MHz_30MHz~26GHz



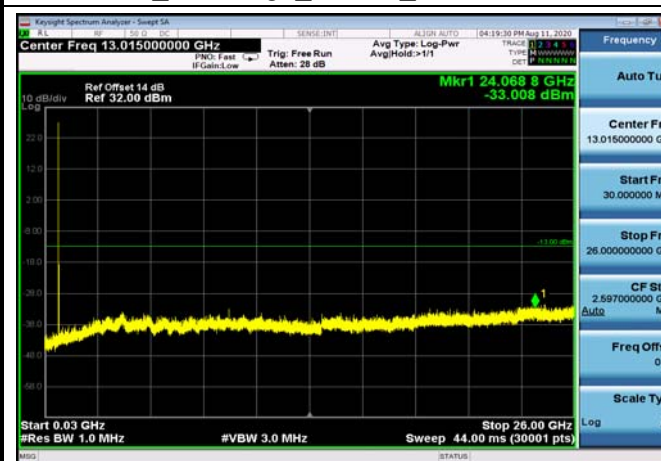
FDD12_LowRange_5MHz_30MHz~26GHz



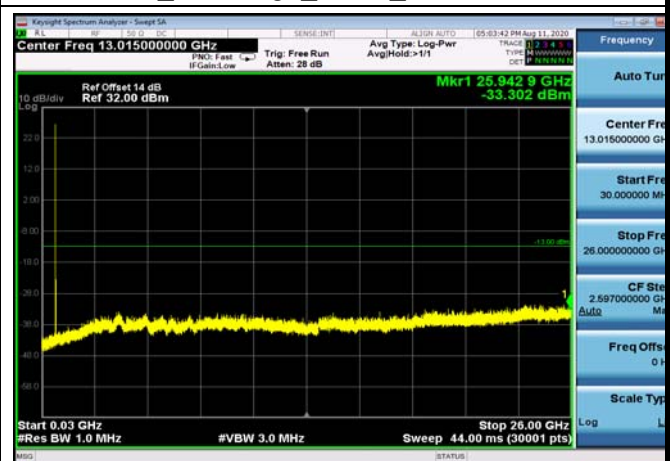
FDD12_MidRange_1.4MHz_30MHz~26GHz



FDD12_MidRange_10MHz_30MHz~26GHz

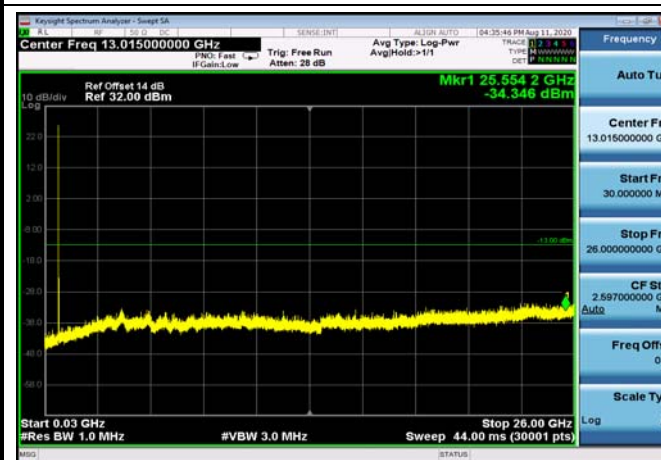


FDD12_MidRange_3MHz_30MHz~26GHz

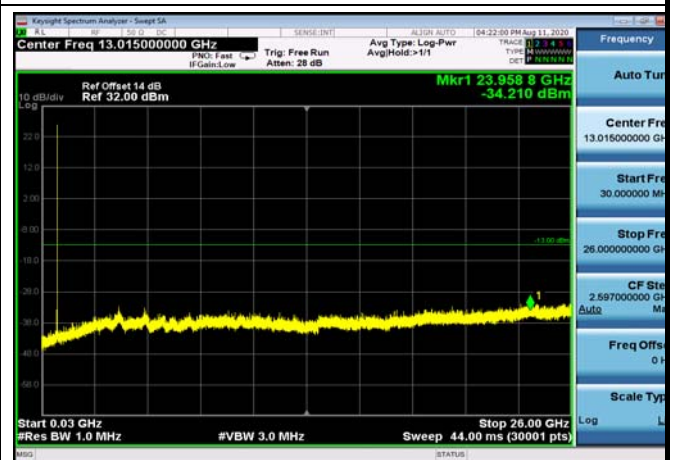




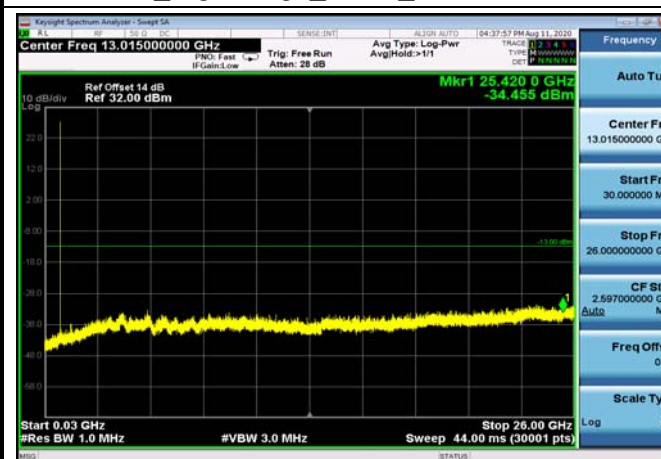
FDD12_MidRange_5MHz_30MHz~26GHz



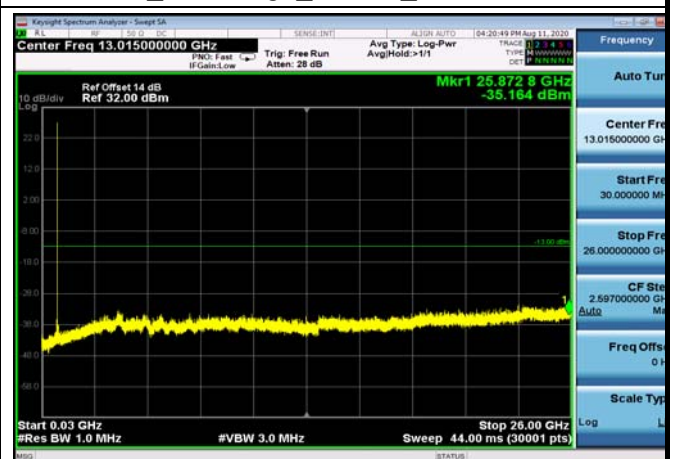
FDD13_HighRange_10MHz_30MHz~26GHz



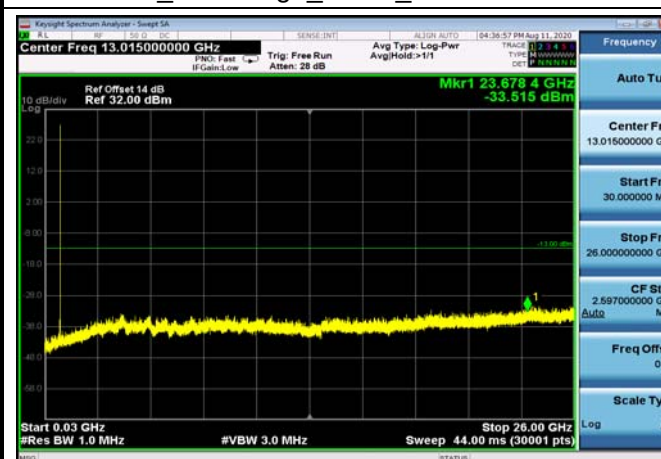
FDD13_HighRange_5MHz_30MHz~26GHz



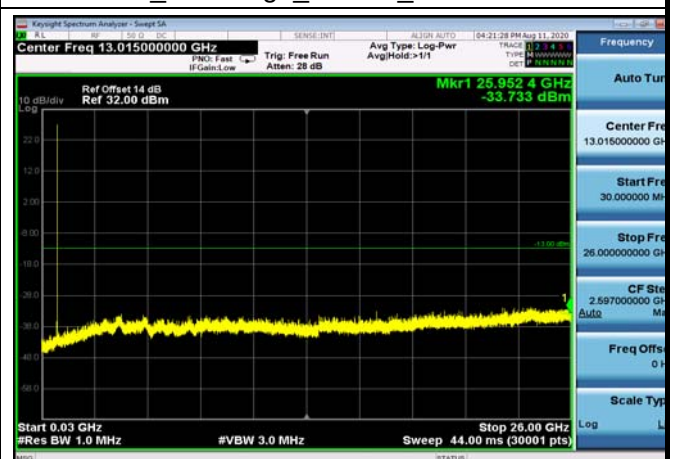
FDD13_LowRange_10MHz_30MHz~26GHz



FDD13_LowRange_5MHz_30MHz~26GHz

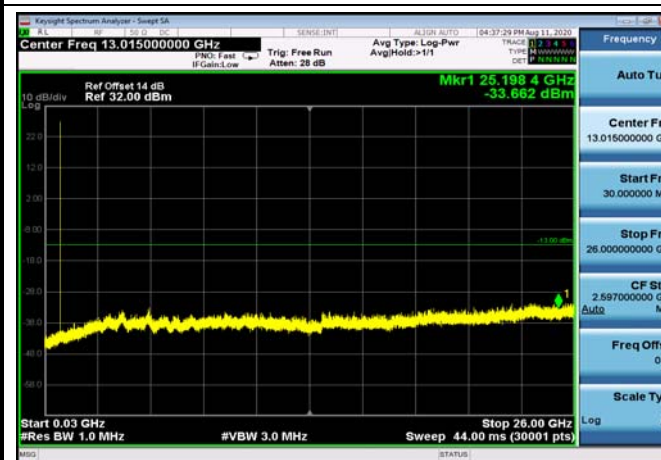


FDD13_MidRange_10MHz_30MHz~26GHz

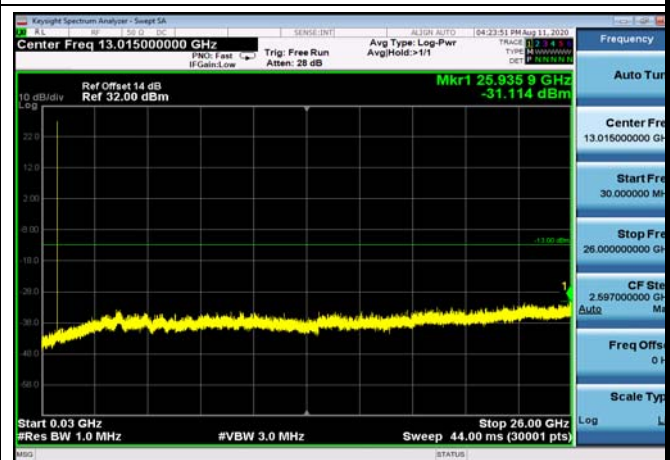




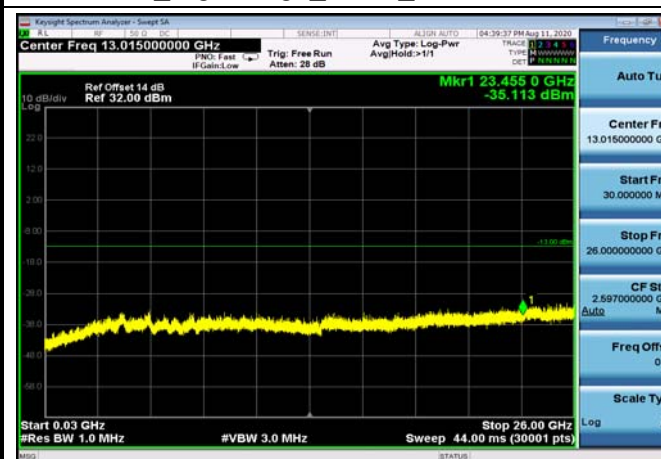
FDD13_MidRange_5MHz_30MHz~26GHz



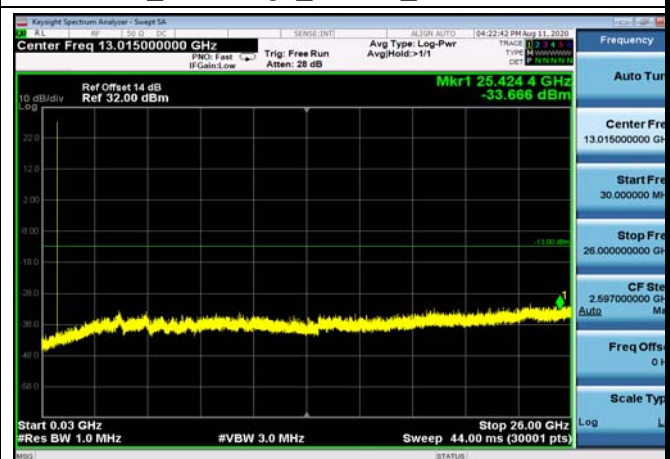
FDD14_HighRange_10MHz_30MHz~26GHz



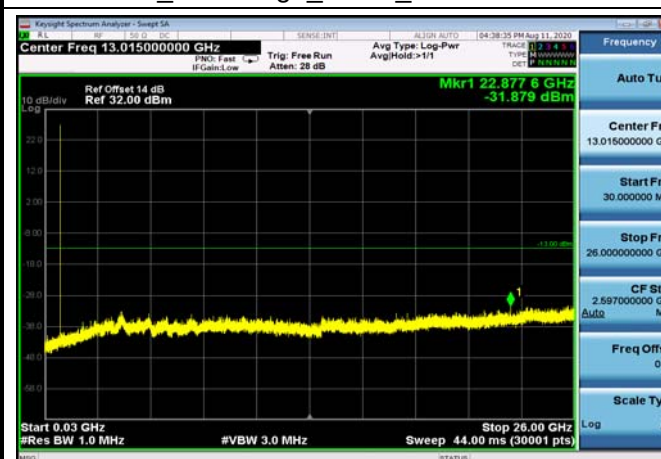
FDD14_HighRange_5MHz_30MHz~26GHz



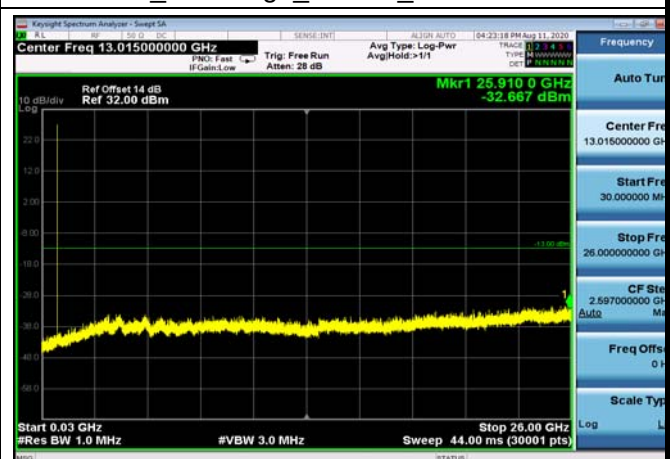
FDD14_LowRange_10MHz_30MHz~26GHz



FDD14_LowRange_5MHz_30MHz~26GHz

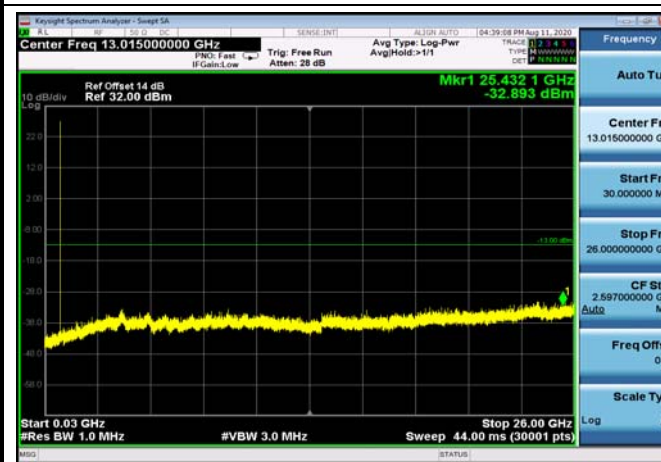


FDD14_MidRange_10MHz_30MHz~26GHz

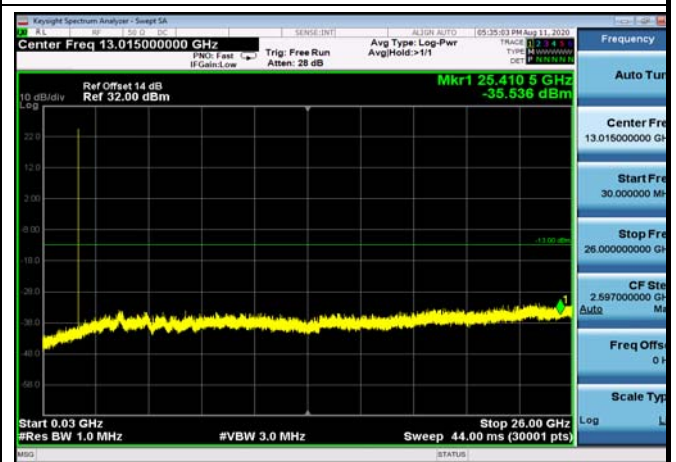




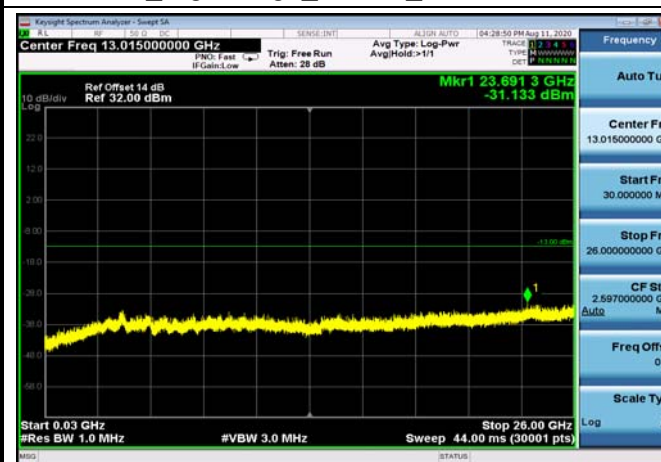
FDD14_MidRange_5MHz_30MHz~26GHz



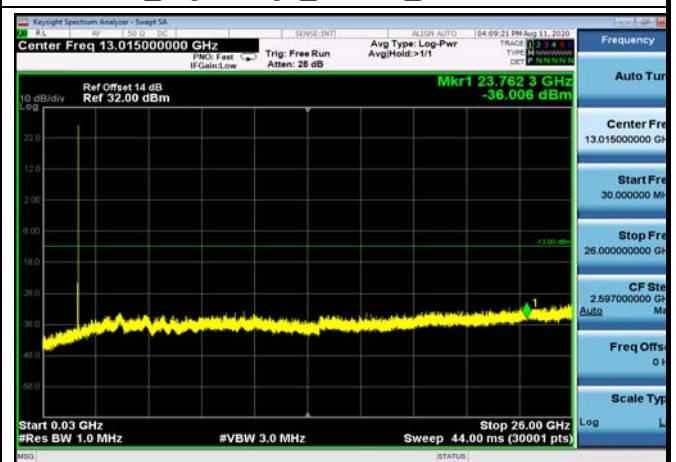
FDD66_HighRange_1.4MHz_30MHz~26GHz



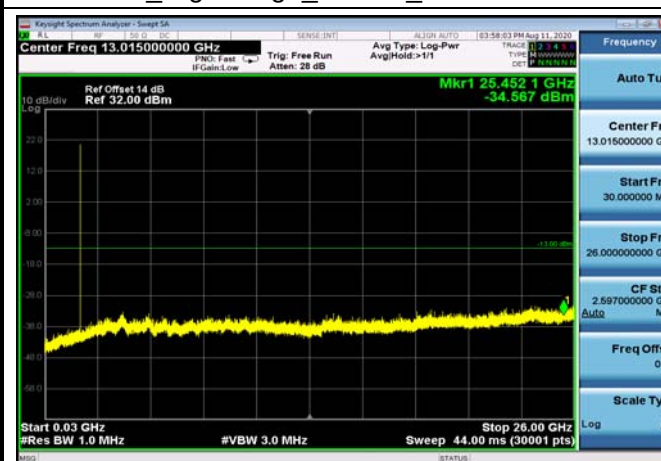
FDD66_HighRange_10MHz_30MHz~26GHz



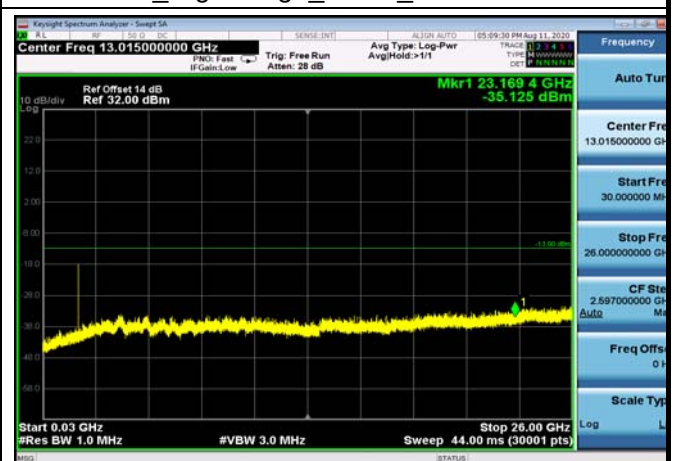
FDD66_HighRange_15MHz_30MHz~26GHz



FDD66_HighRange_20MHz_30MHz~26GHz

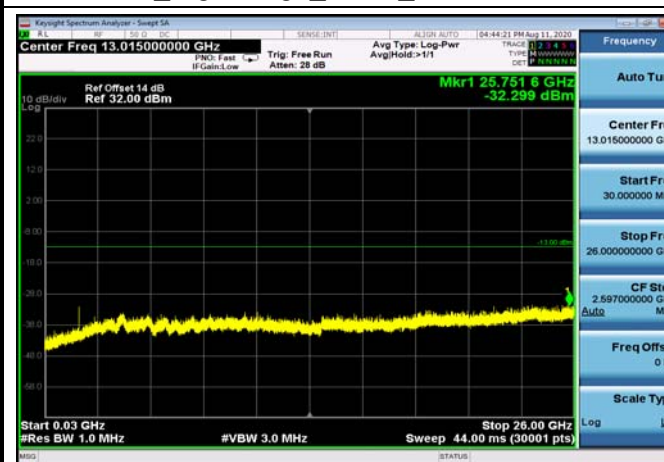


FDD66_HighRange_3MHz_30MHz~26GHz

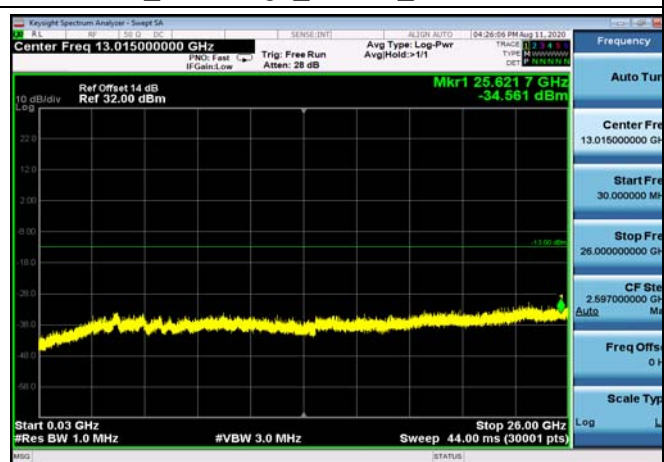




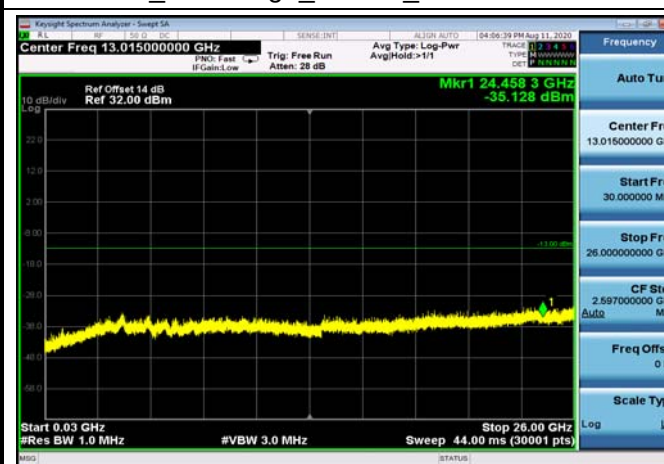
FDD66_HighRange_5MHz_30MHz~26GHz



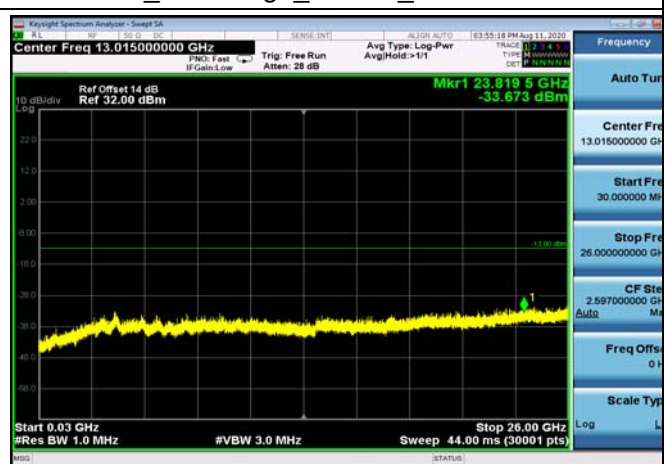
FDD66_LowRange_10MHz_30MHz~26GHz



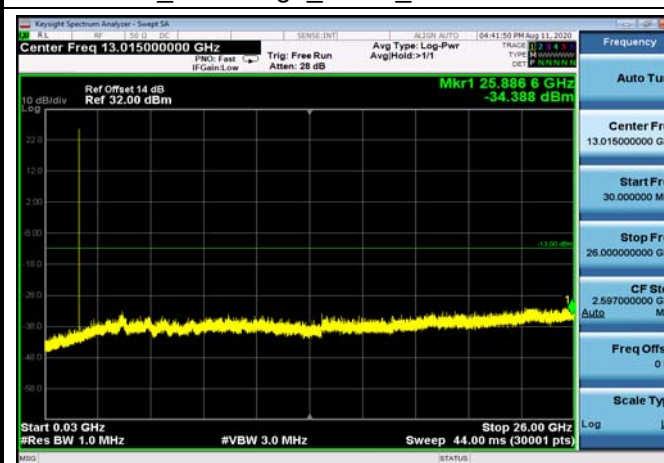
FDD66_LowRange_15MHz_30MHz~26GHz



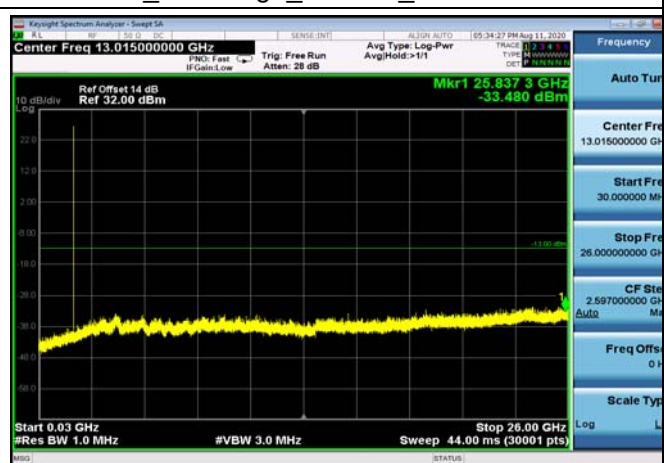
FDD66_LowRange_20MHz_30MHz~26GHz



FDD66_LowRange_5MHz_30MHz~26GHz

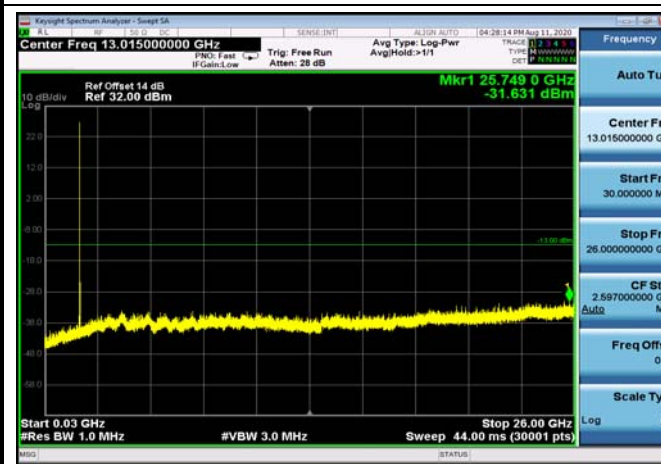


FDD66_MidRange_1.4MHz_30MHz~26GHz

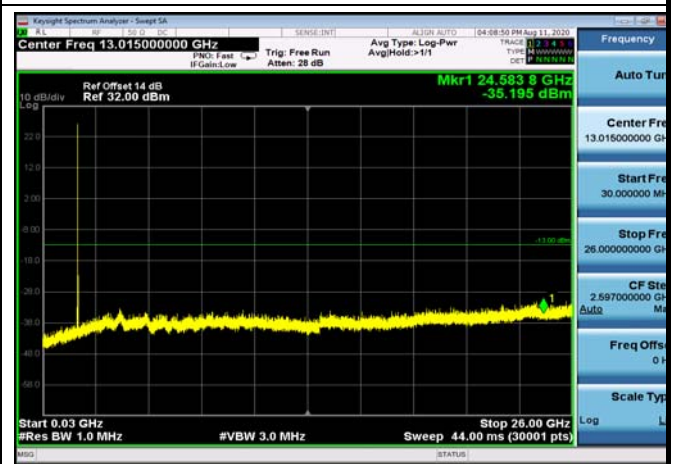




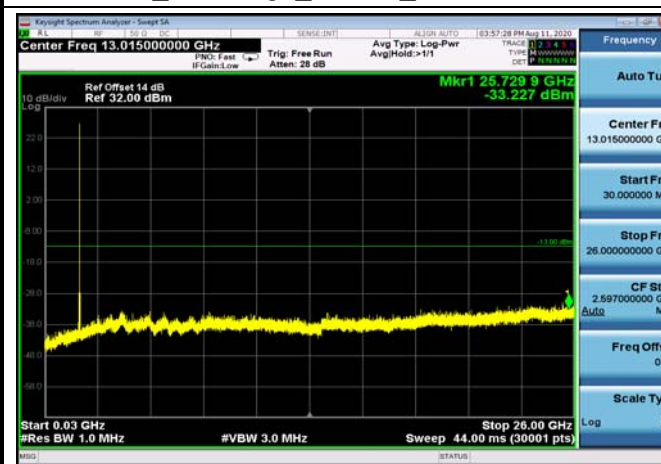
FDD66_MidRange_10MHz_30MHz~26GHz



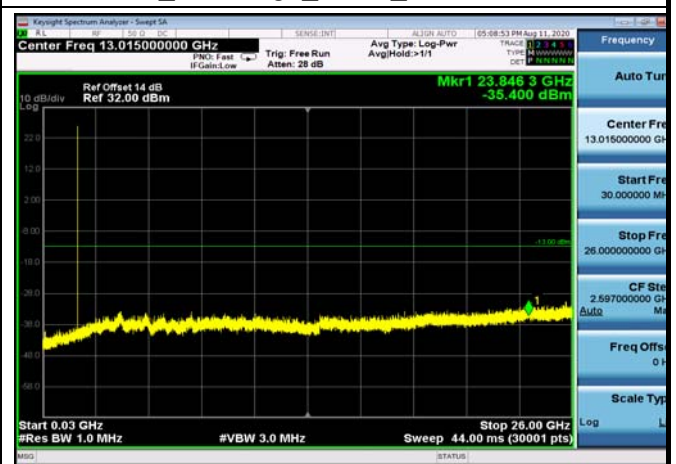
FDD66_MidRange_15MHz_30MHz~26GHz



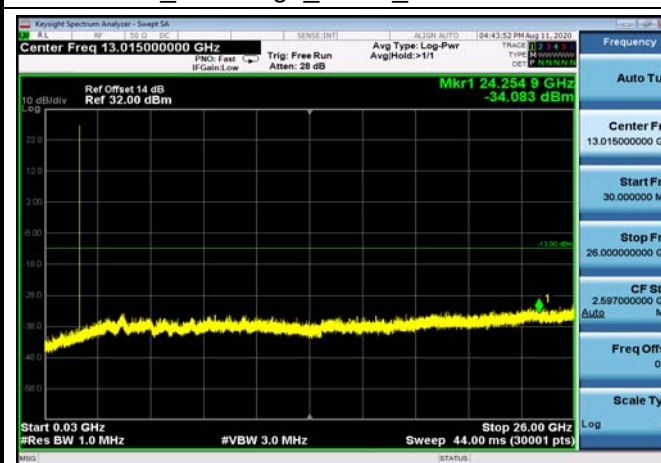
FDD66_MidRange_20MHz_30MHz~26GHz



FDD66_MidRange_3MHz_30MHz~26GHz



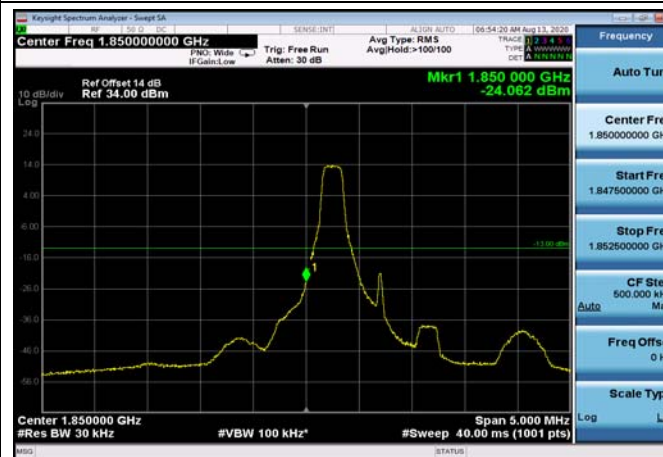
FDD66_MidRange_5MHz_30MHz~26GHz



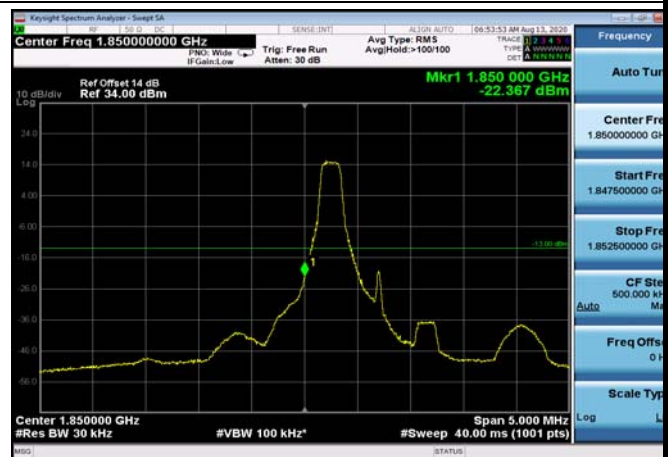
Conducted Band Edge

Test Result and Data

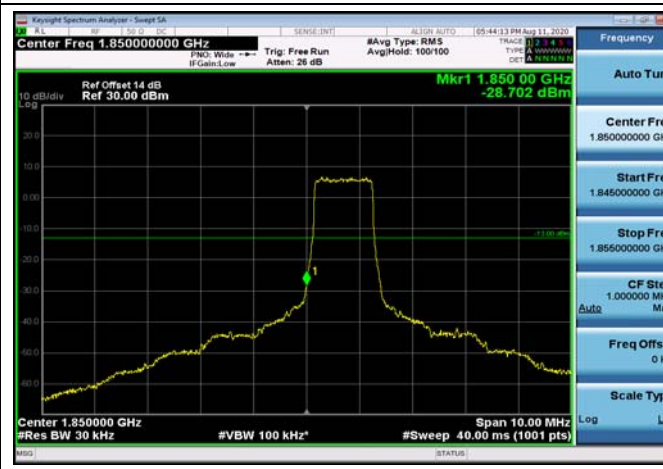
LowRange_FDD02_1.4MHz_1850.7_OneRB
_low_QPSK



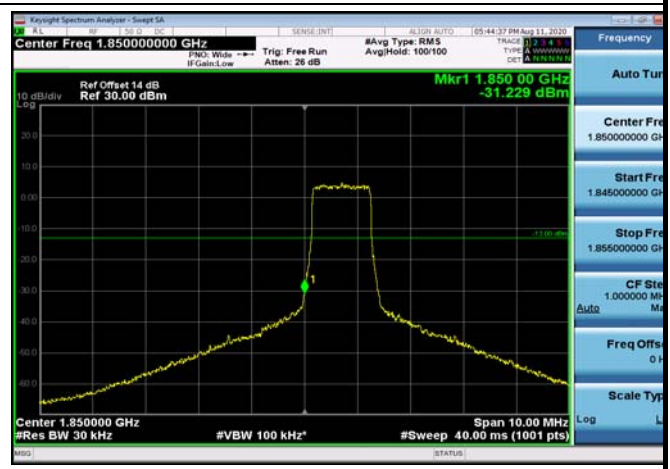
LowRange_FDD02_1.4MHz_1850.7_OneRB
_low_Q16

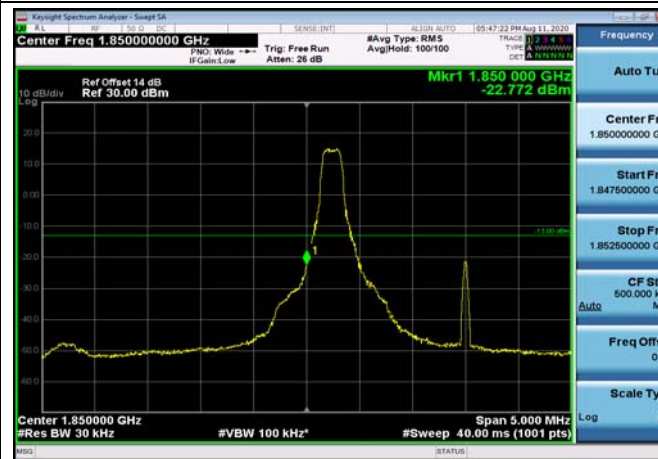
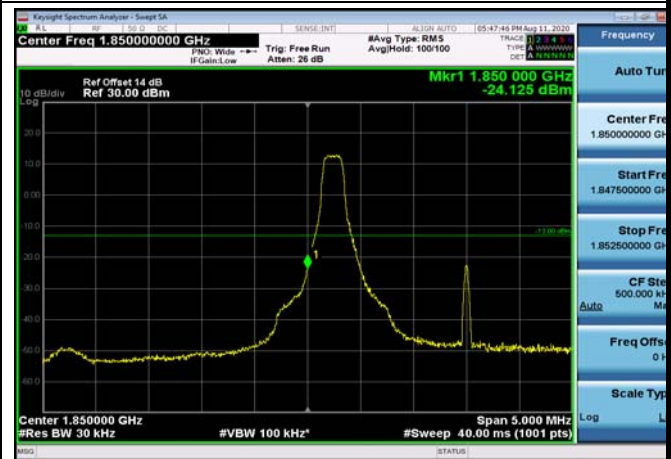
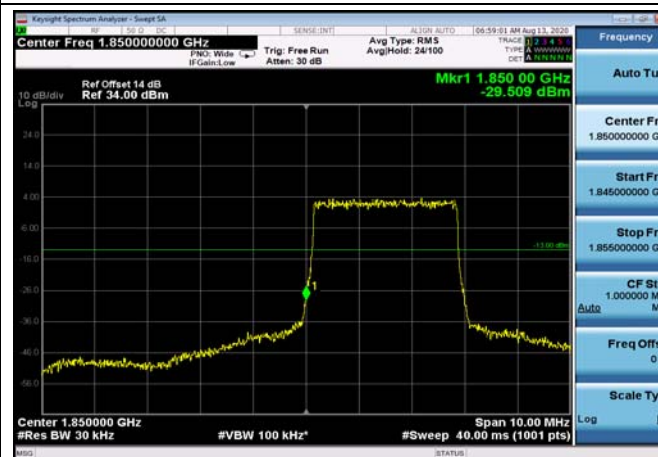
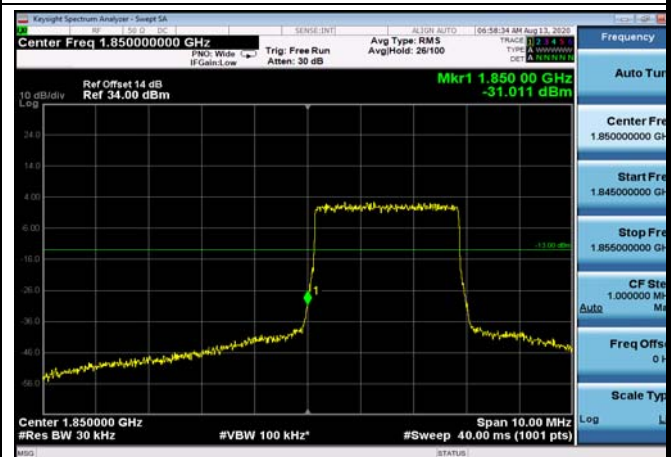
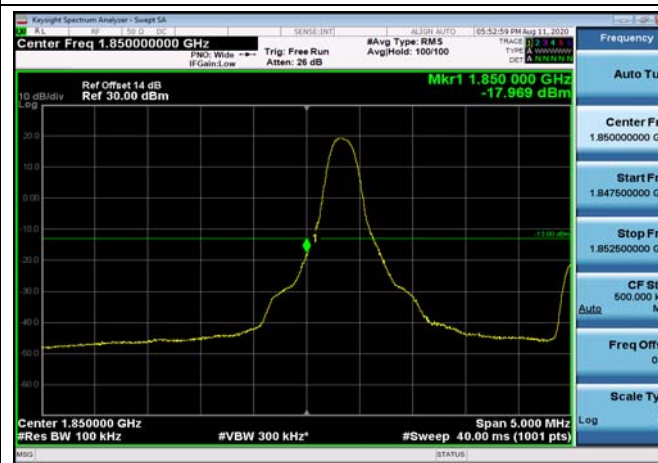
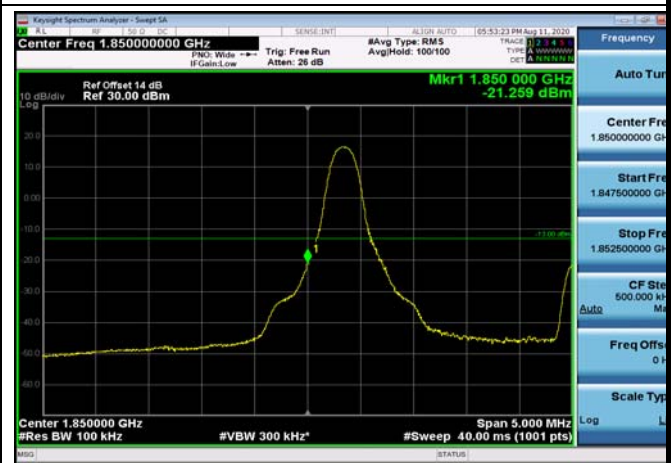


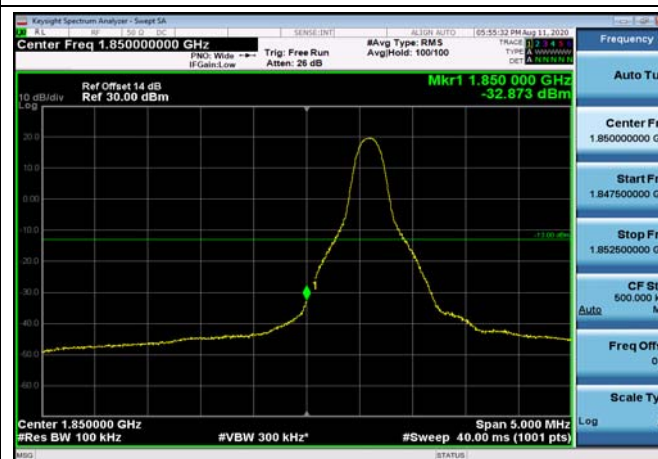
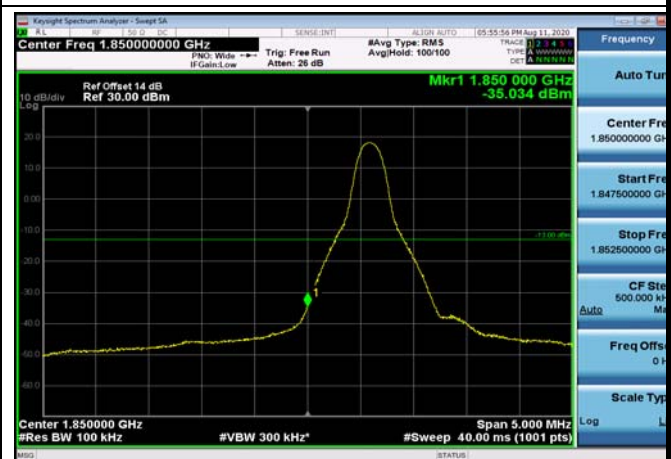
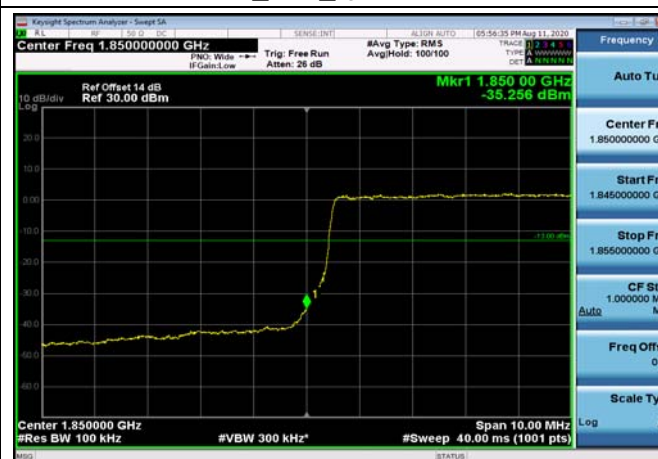
LowRange_FDD02_1.4MHz_1850.7_fullRB
_Low_QPSK

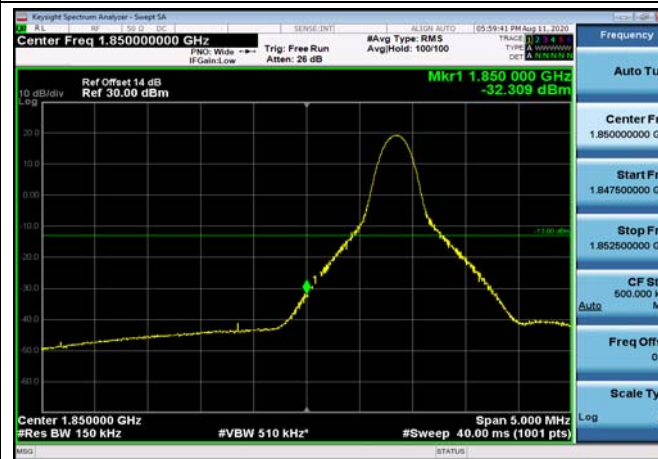
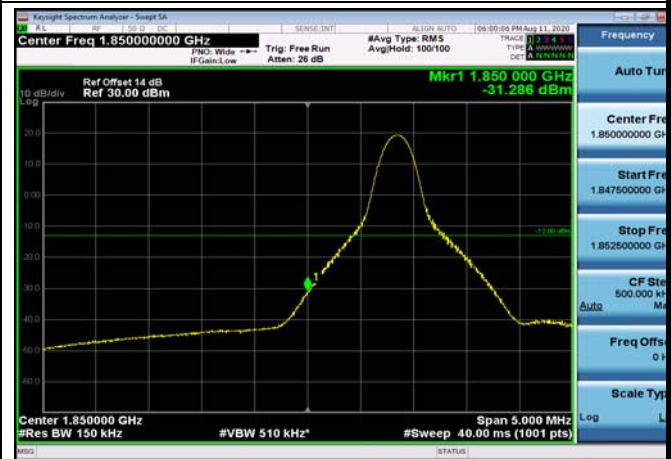
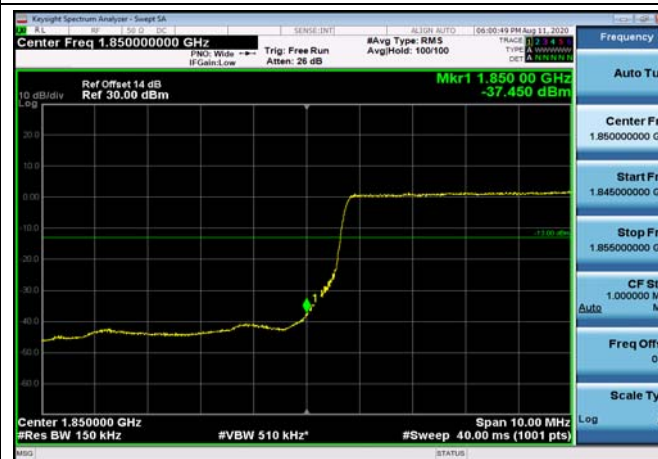
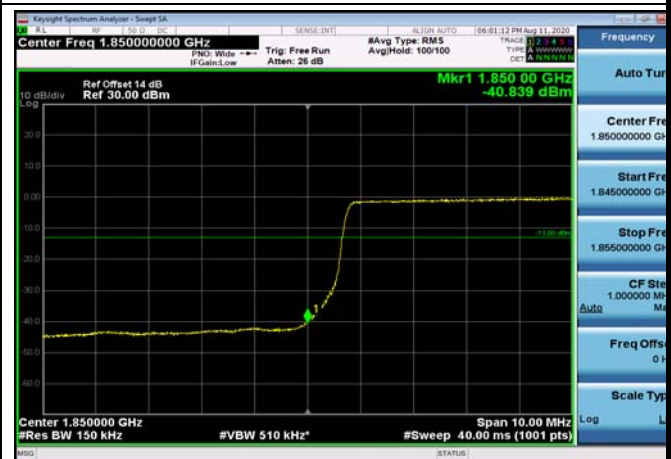
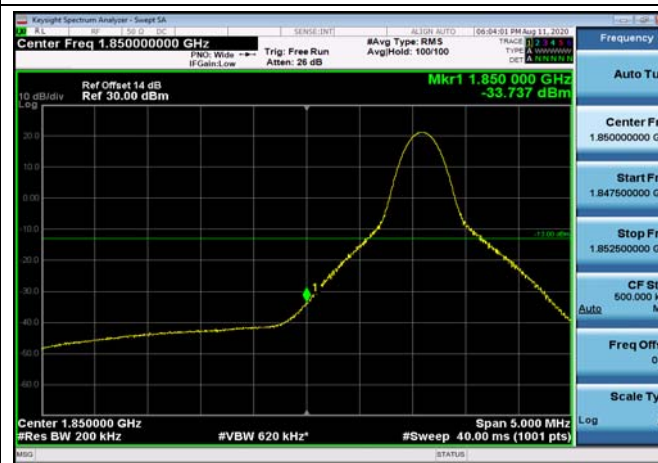
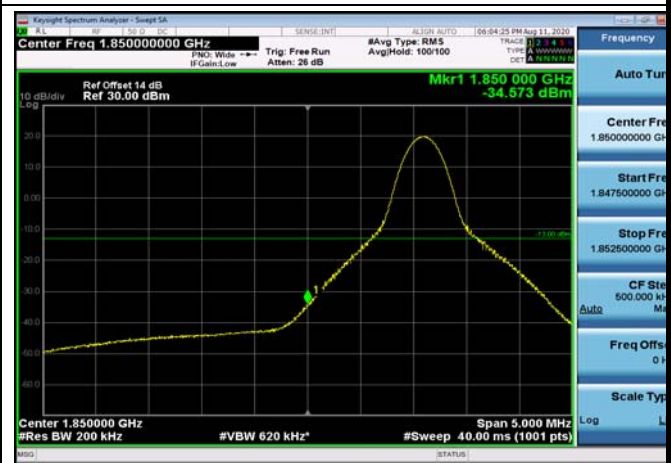


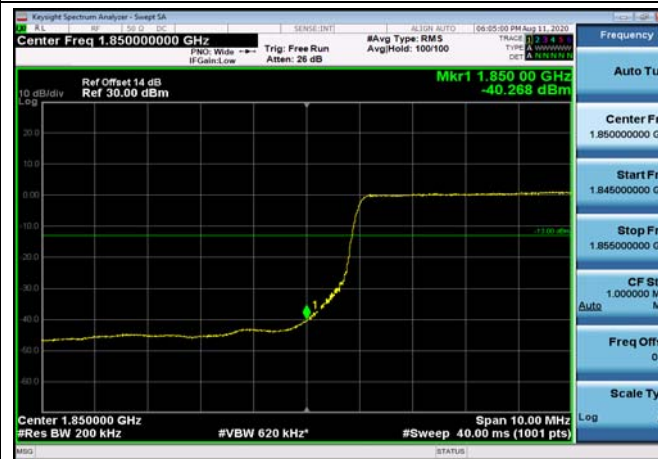
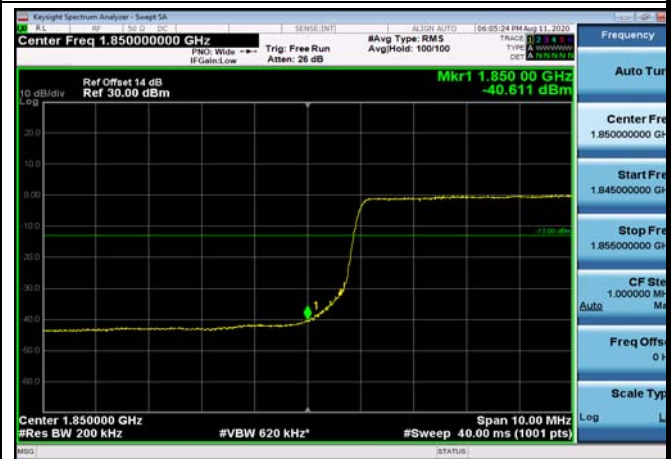
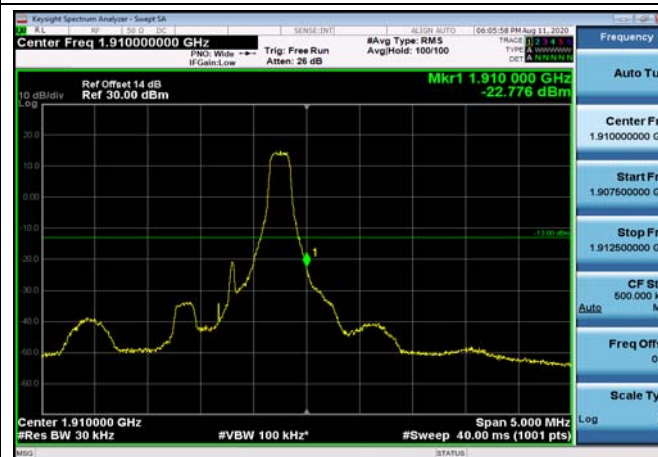
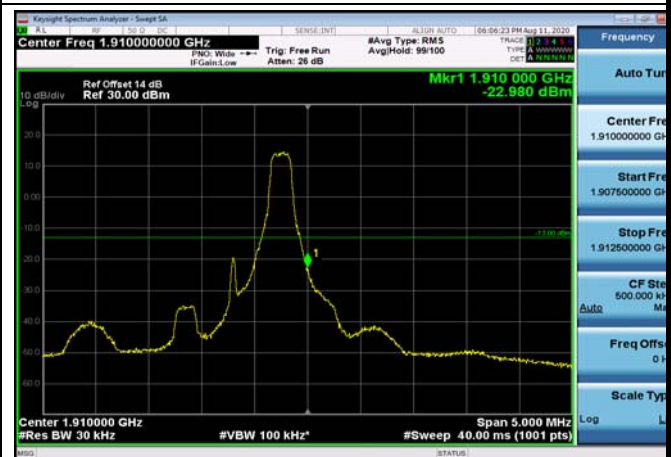
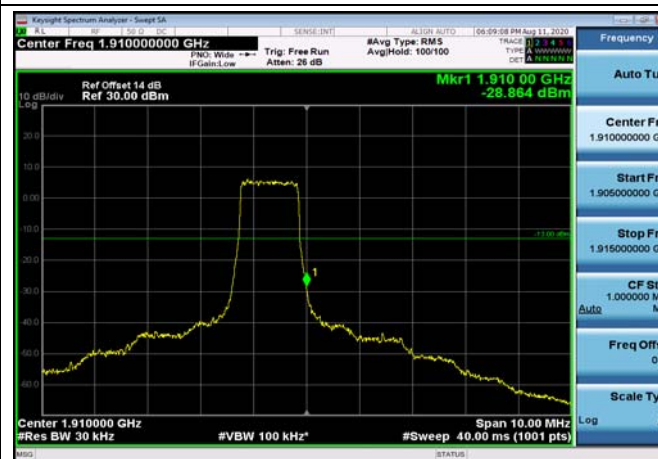
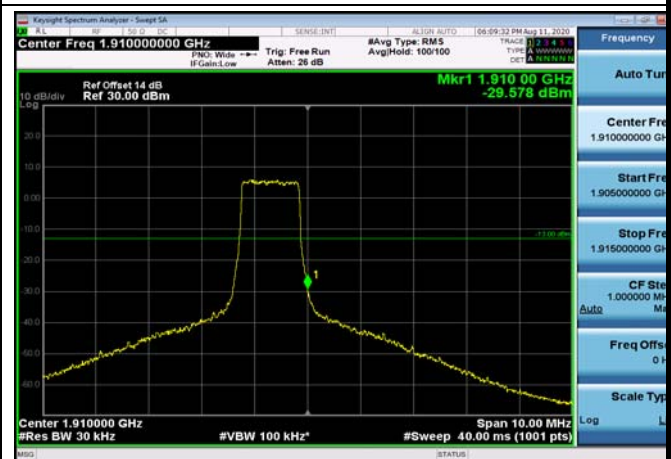
LowRange_FDD02_1.4MHz_1850.7_fullRB
_Low_Q16

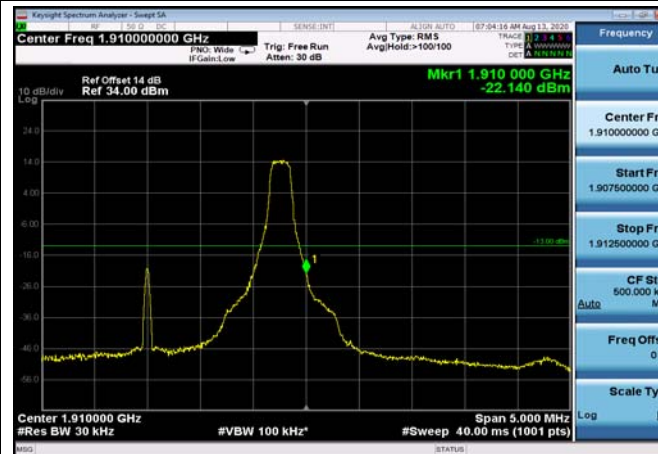
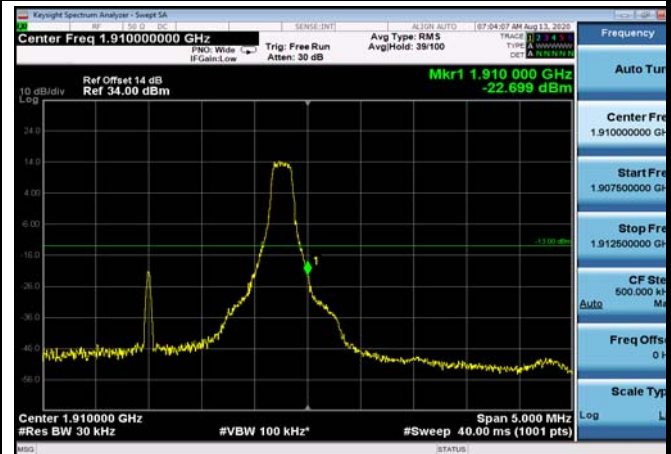
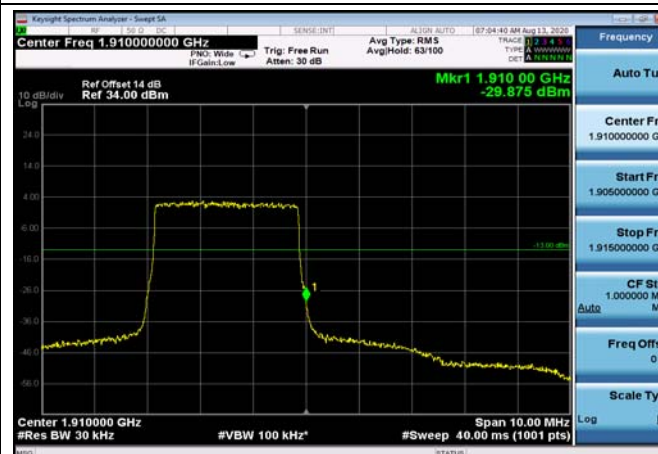
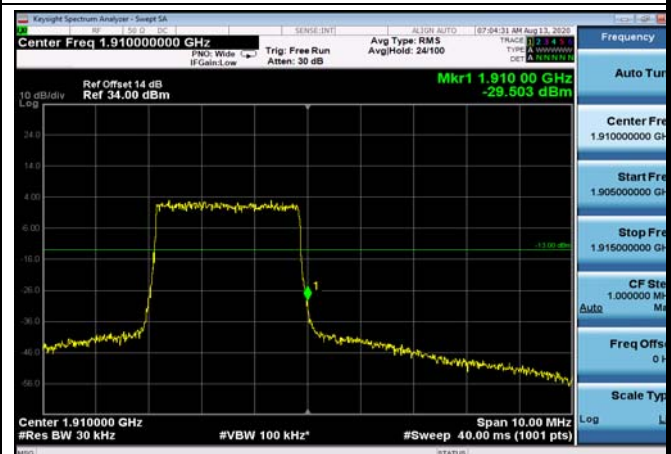
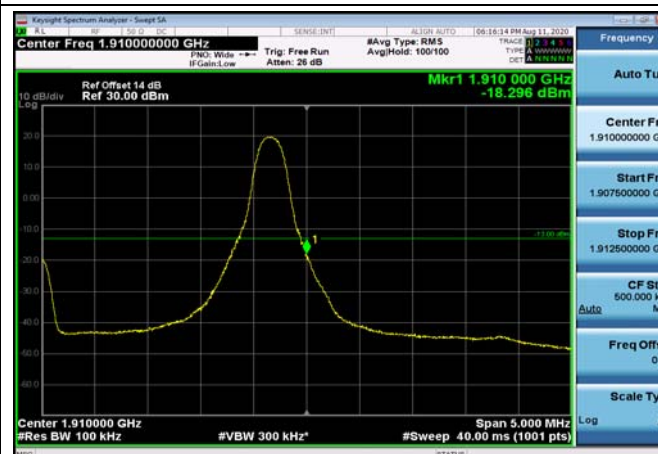
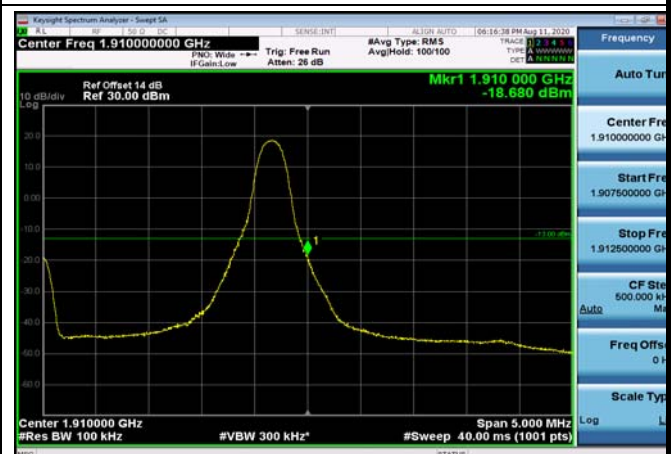


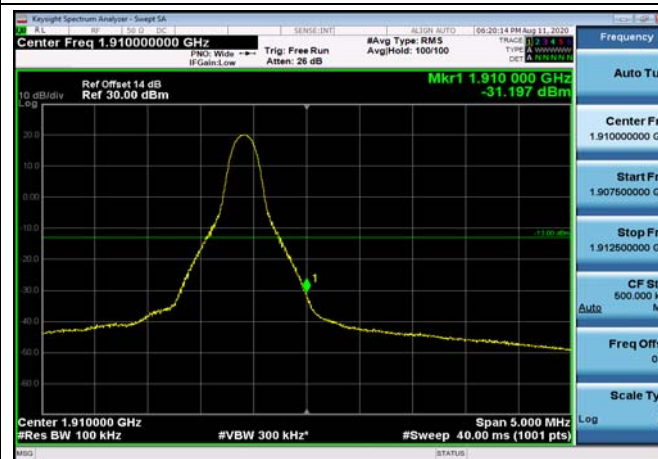
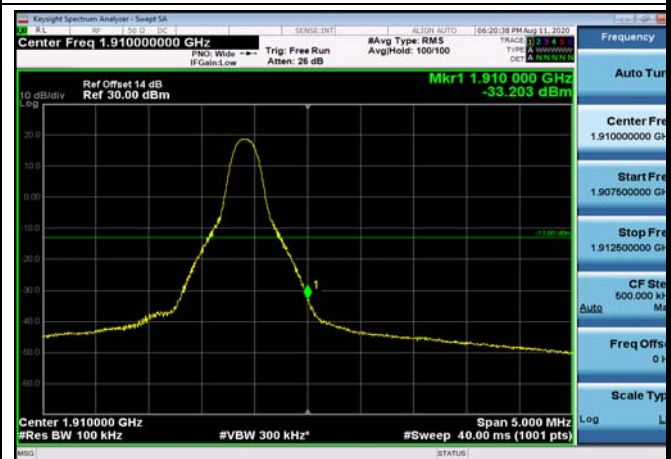
LowRange_FDD02_3MHz_1851.5_OneRB
_low_QPSKLowRange_FDD02_3MHz_1851.5_OneRB
_low_Q16LowRange_FDD02_3MHz_1851.5_fullRB
_Low_QPSKLowRange_FDD02_3MHz_1851.5_fullRB
_Low_Q16LowRange_FDD02_5MHz_1852.5_OneRB
_low_QPSKLowRange_FDD02_5MHz_1852.5_OneRB
_low_Q16

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

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