



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

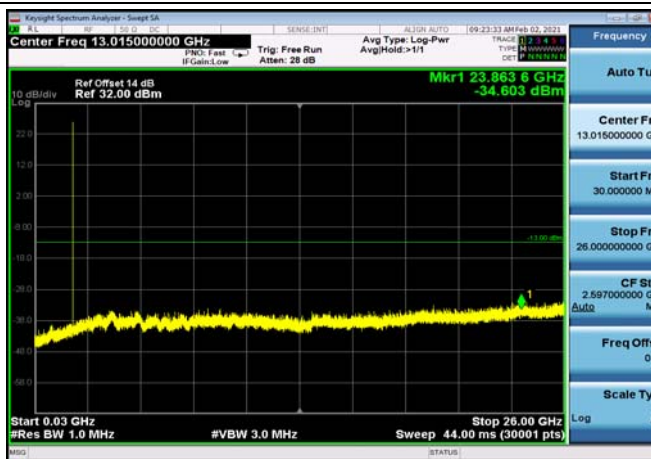
Note: Normal=3.8V, Low=3.5V, High=4.35V



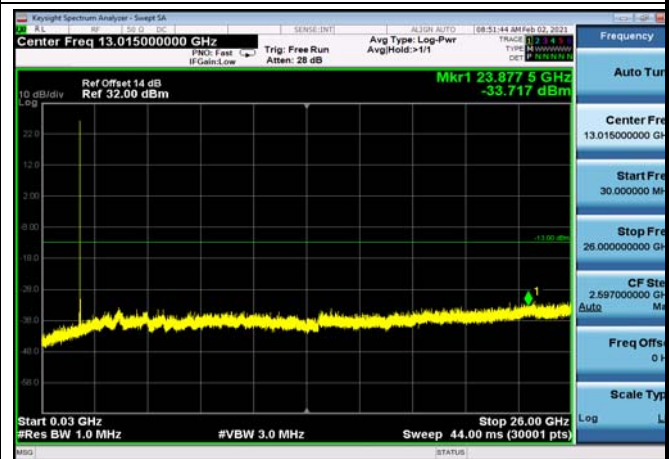
Conducted Out of Band Emissions

Test Result and Data

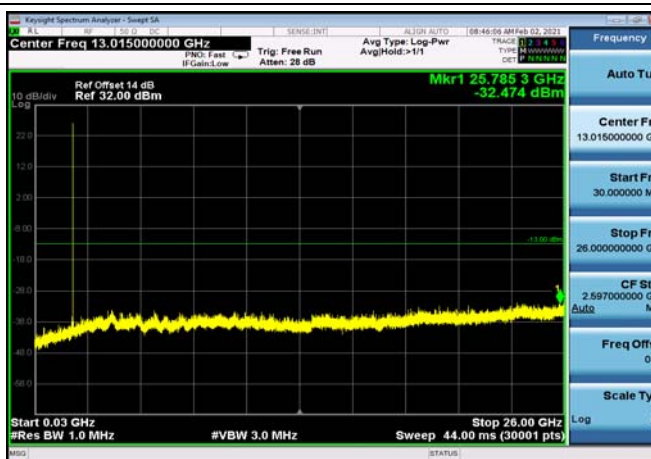
FDD02_HighRange_1.4MHz_30MHz~26GHz



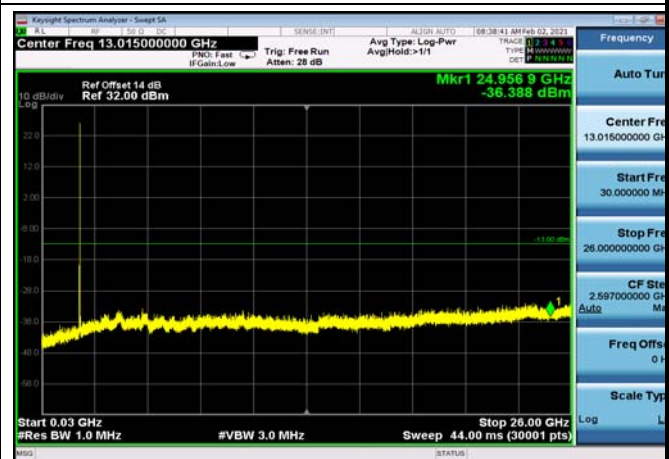
FDD02_HighRange_10MHz_30MHz~26GHz



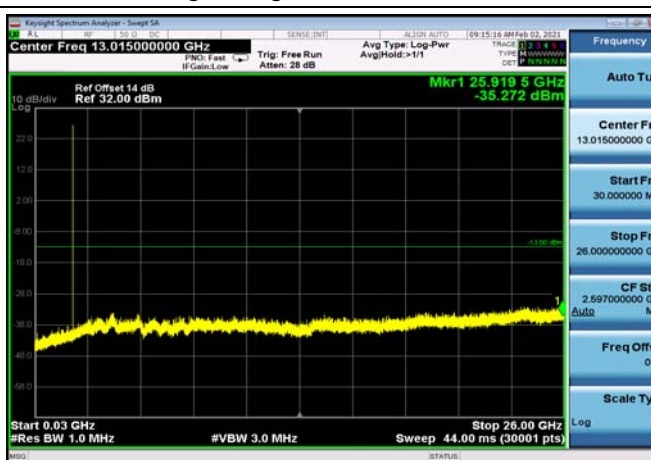
FDD02_HighRange_15MHz_30MHz~26GHz



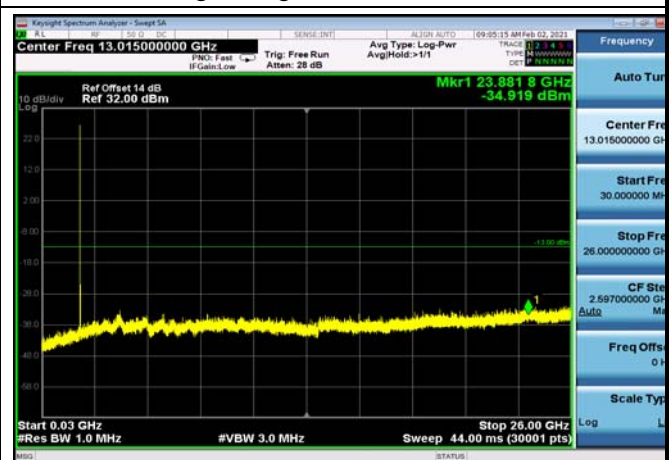
FDD02_HighRange_20MHz_30MHz~26GHz



FDD02_HighRange_3MHz_30MHz~26GHz

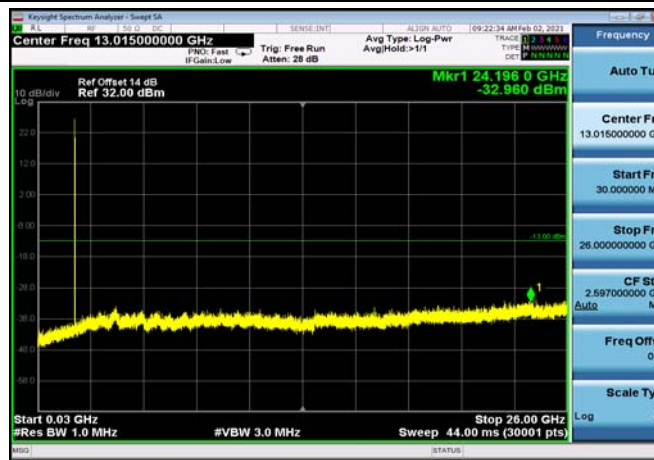


FDD02_HighRange_5MHz_30MHz~26GHz

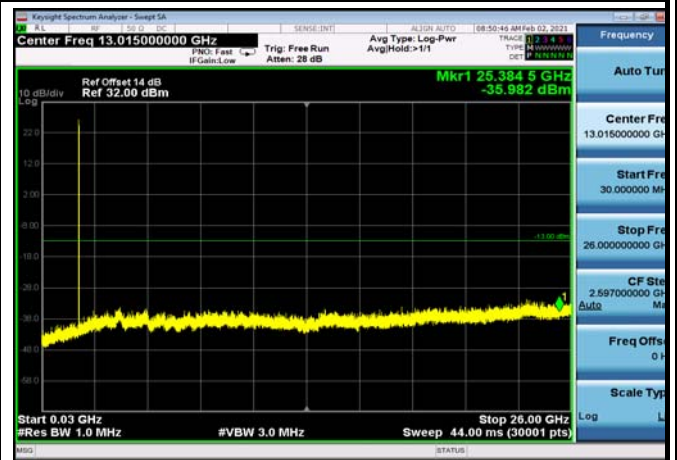




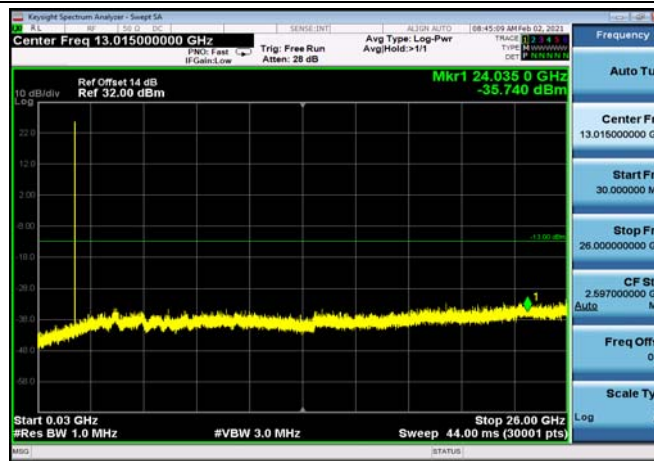
FDD02_LowRange_1.4MHz_30MHz~26GHz



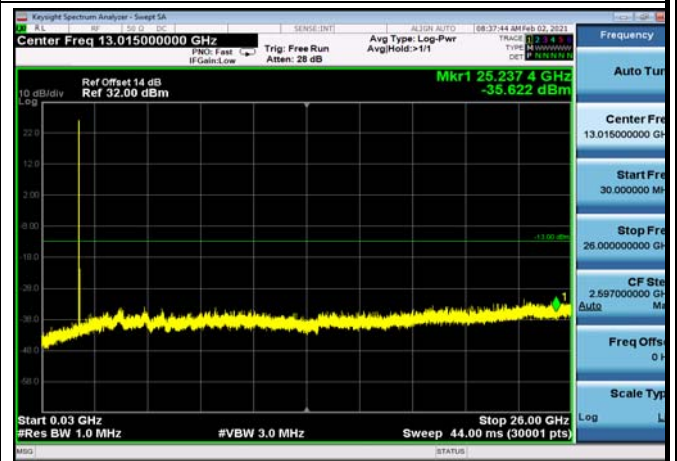
FDD02_LowRange_10MHz_30MHz~26GHz



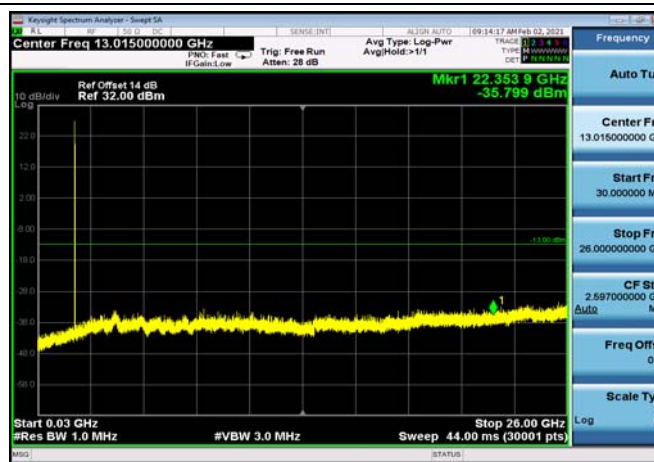
FDD02_LowRange_15MHz_30MHz~26GHz



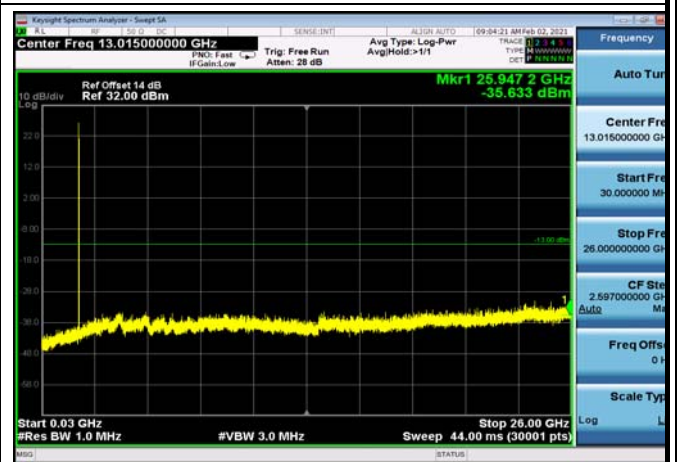
FDD02_LowRange_20MHz_30MHz~26GHz

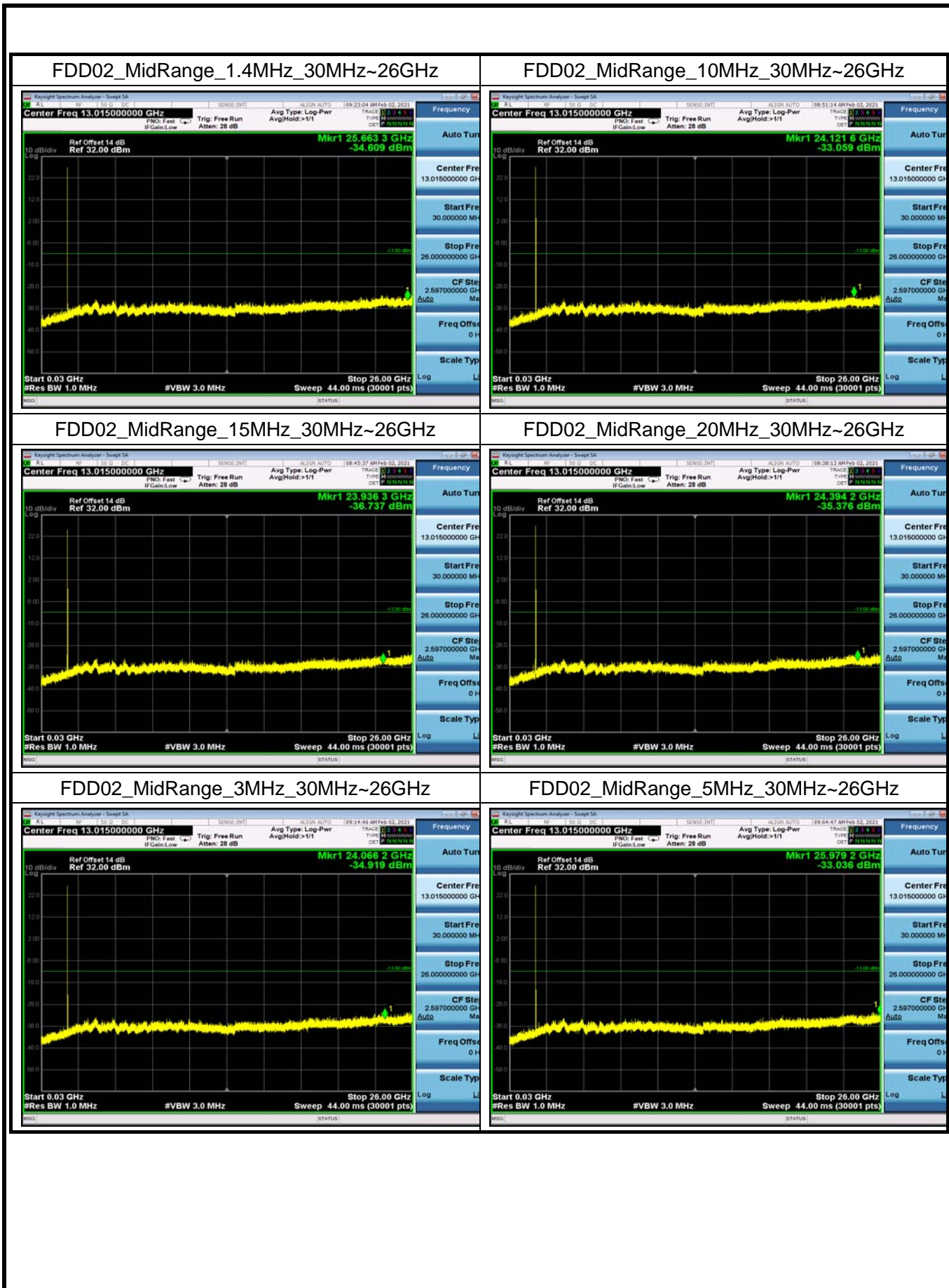


FDD02_LowRange_3MHz_30MHz~26GHz



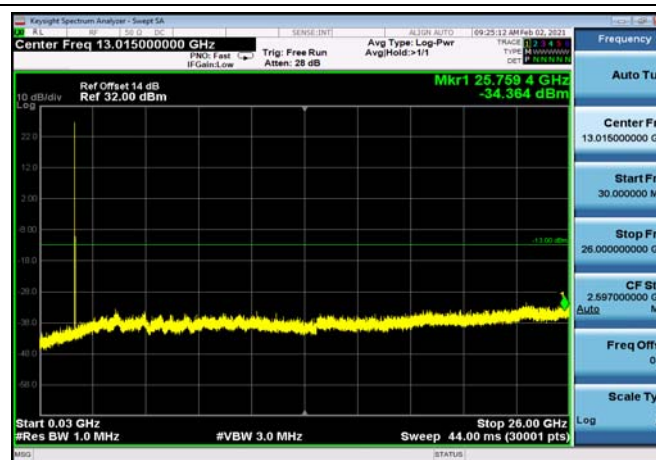
FDD02_LowRange_5MHz_30MHz~26GHz



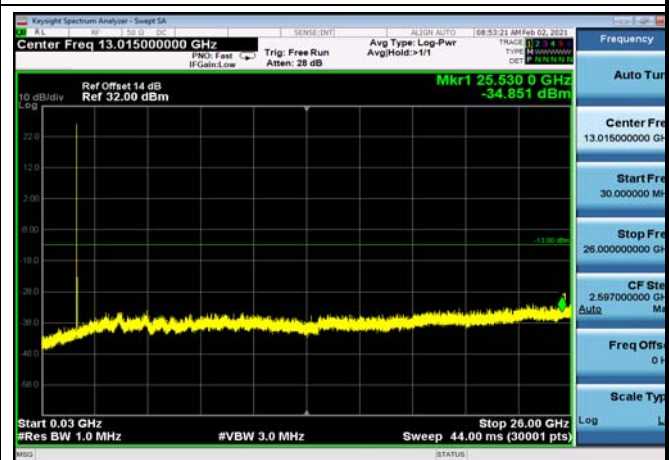




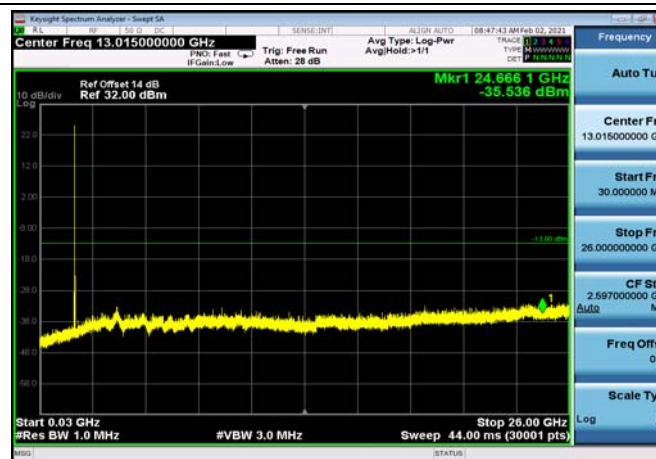
FDD04_HighRange_1.4MHz_30MHz~26GHz



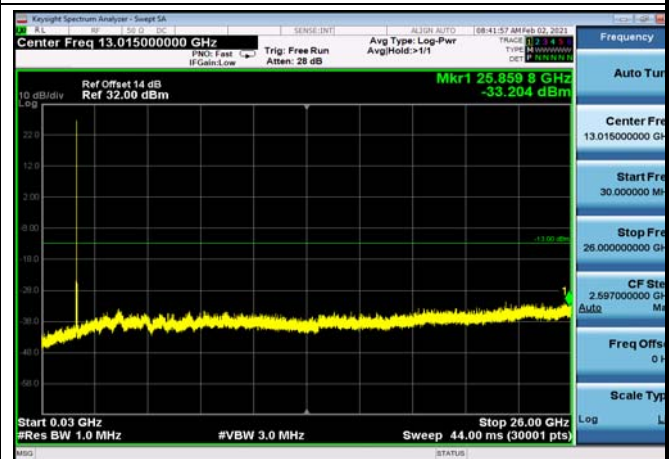
FDD04_HighRange_10MHz_30MHz~26GHz



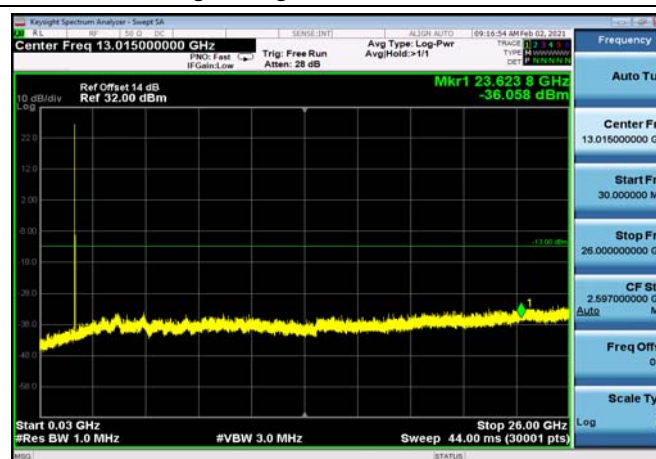
FDD04_HighRange_15MHz_30MHz~26GHz



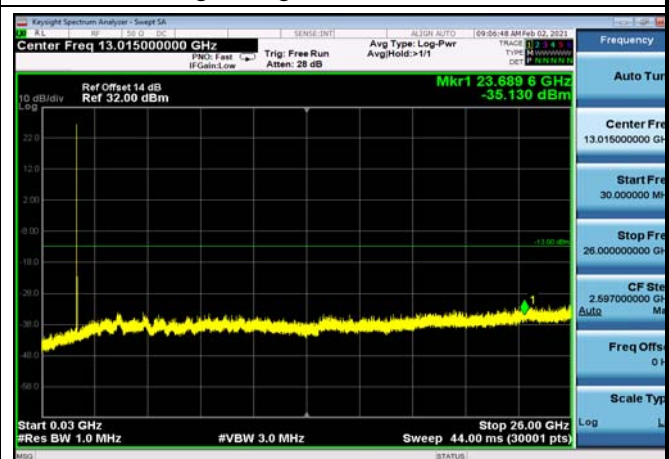
FDD04_HighRange_20MHz_30MHz~26GHz



FDD04_HighRange_3MHz_30MHz~26GHz



FDD04_HighRange_5MHz_30MHz~26GHz

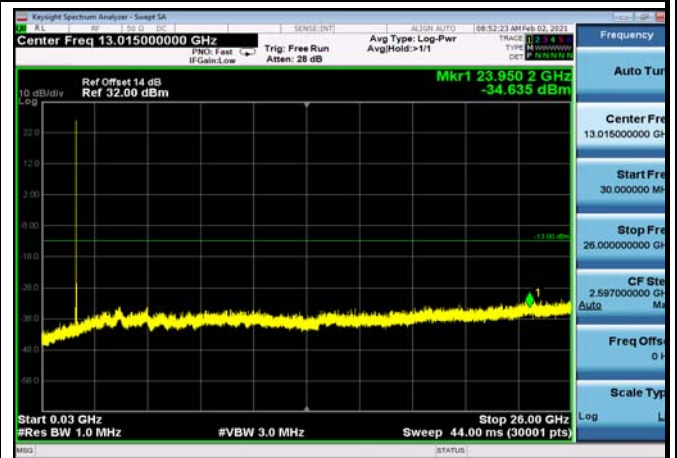




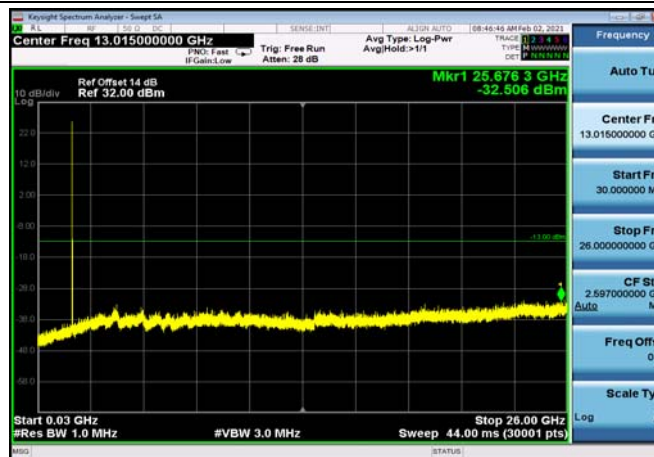
FDD04_LowRange_1.4MHz_30MHz~26GHz



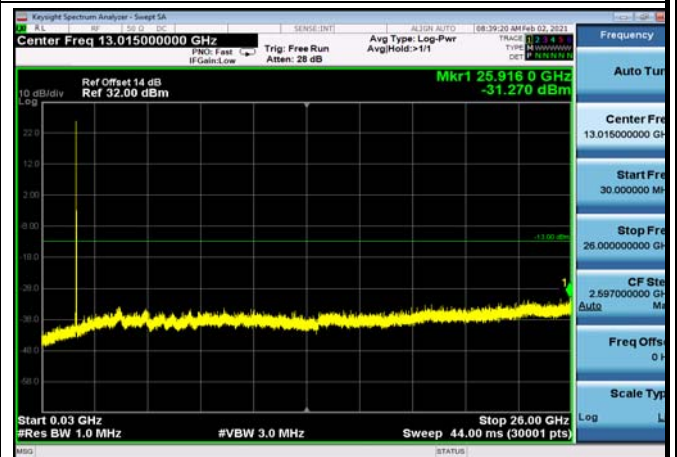
FDD04_LowRange_10MHz_30MHz~26GHz



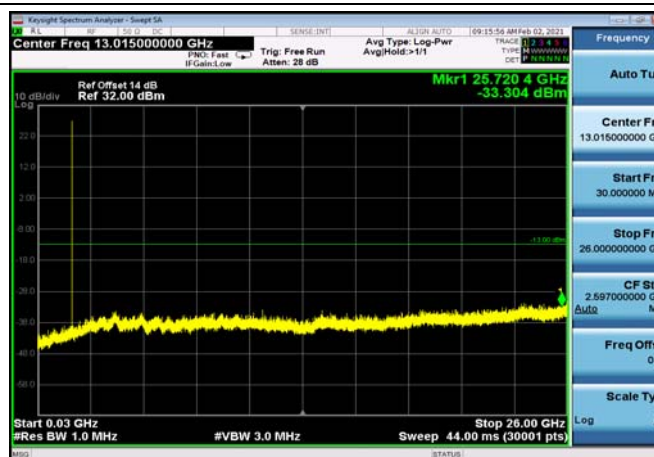
FDD04_LowRange_15MHz_30MHz~26GHz



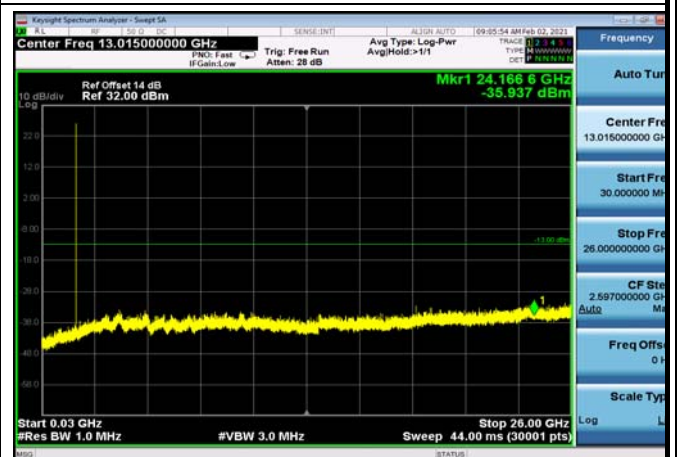
FDD04_LowRange_20MHz_30MHz~26GHz

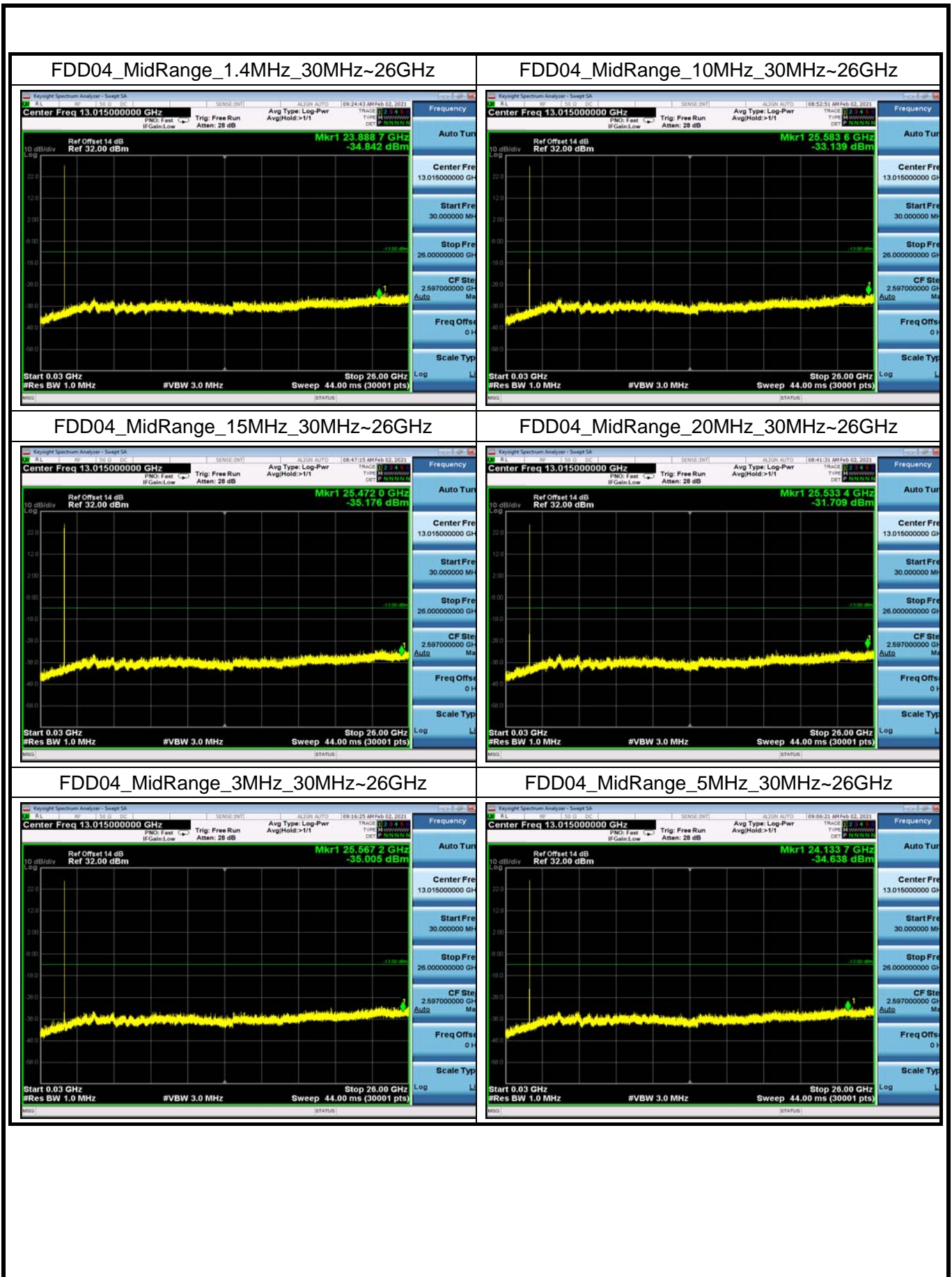


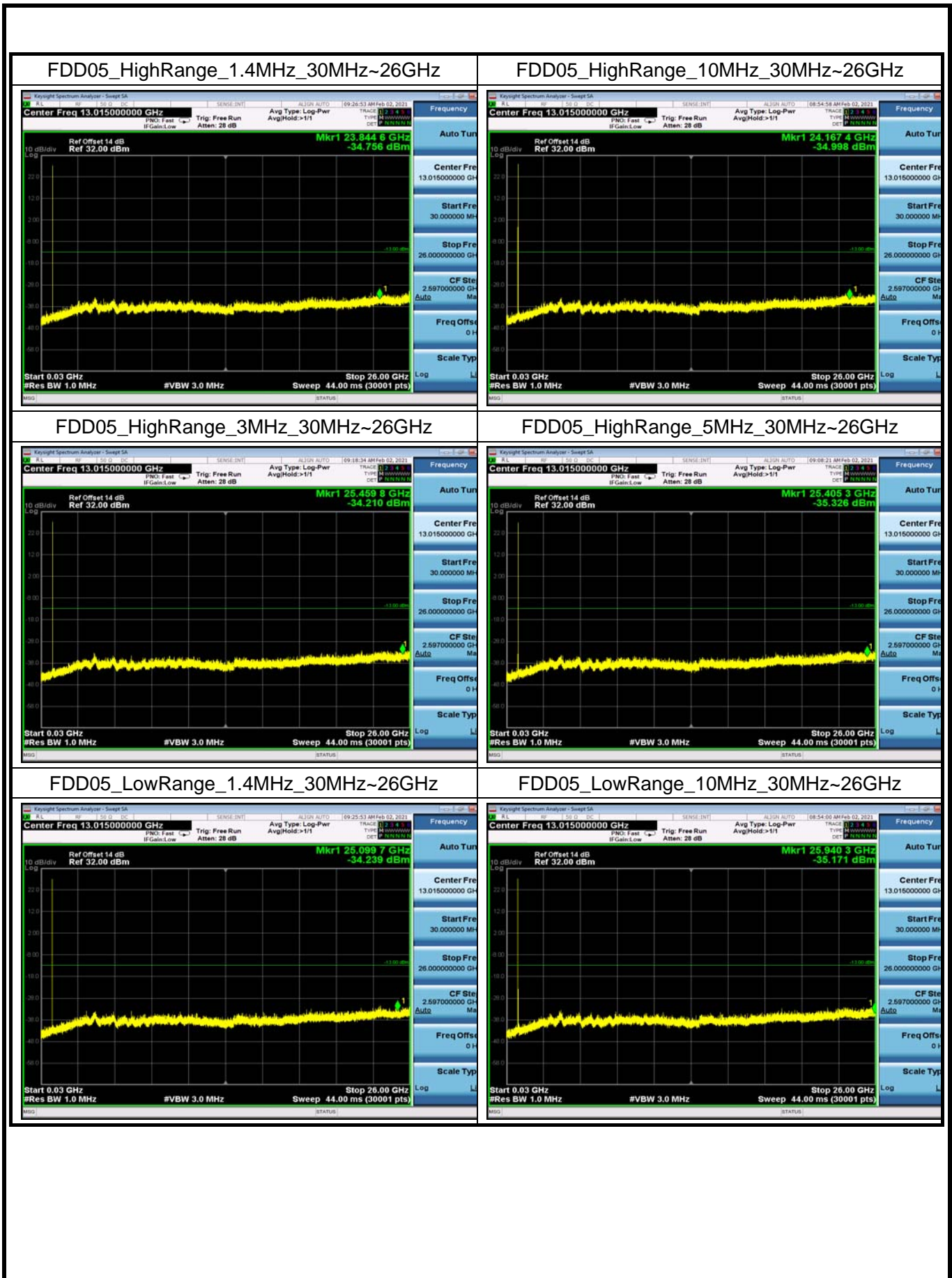
FDD04_LowRange_3MHz_30MHz~26GHz

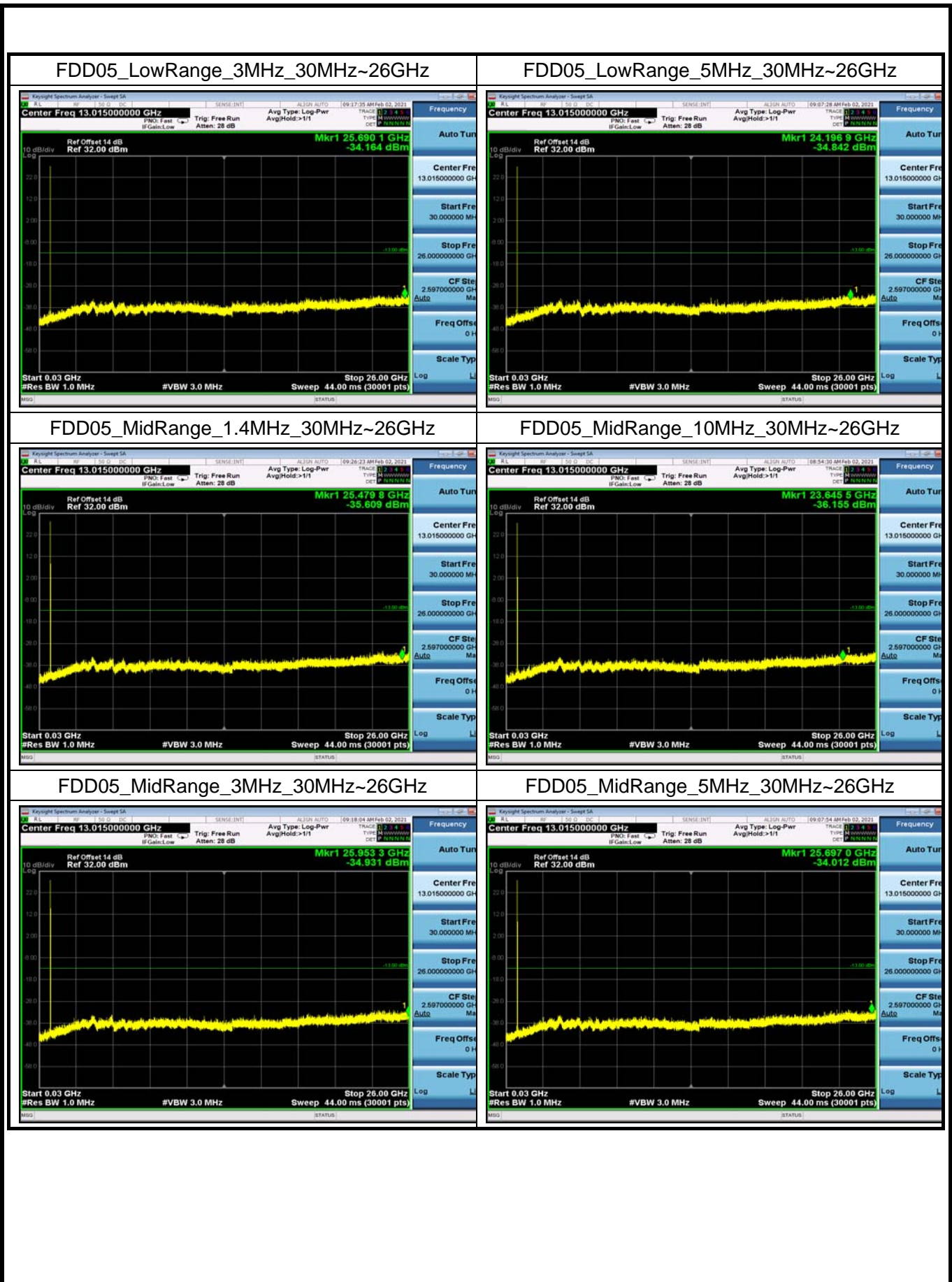


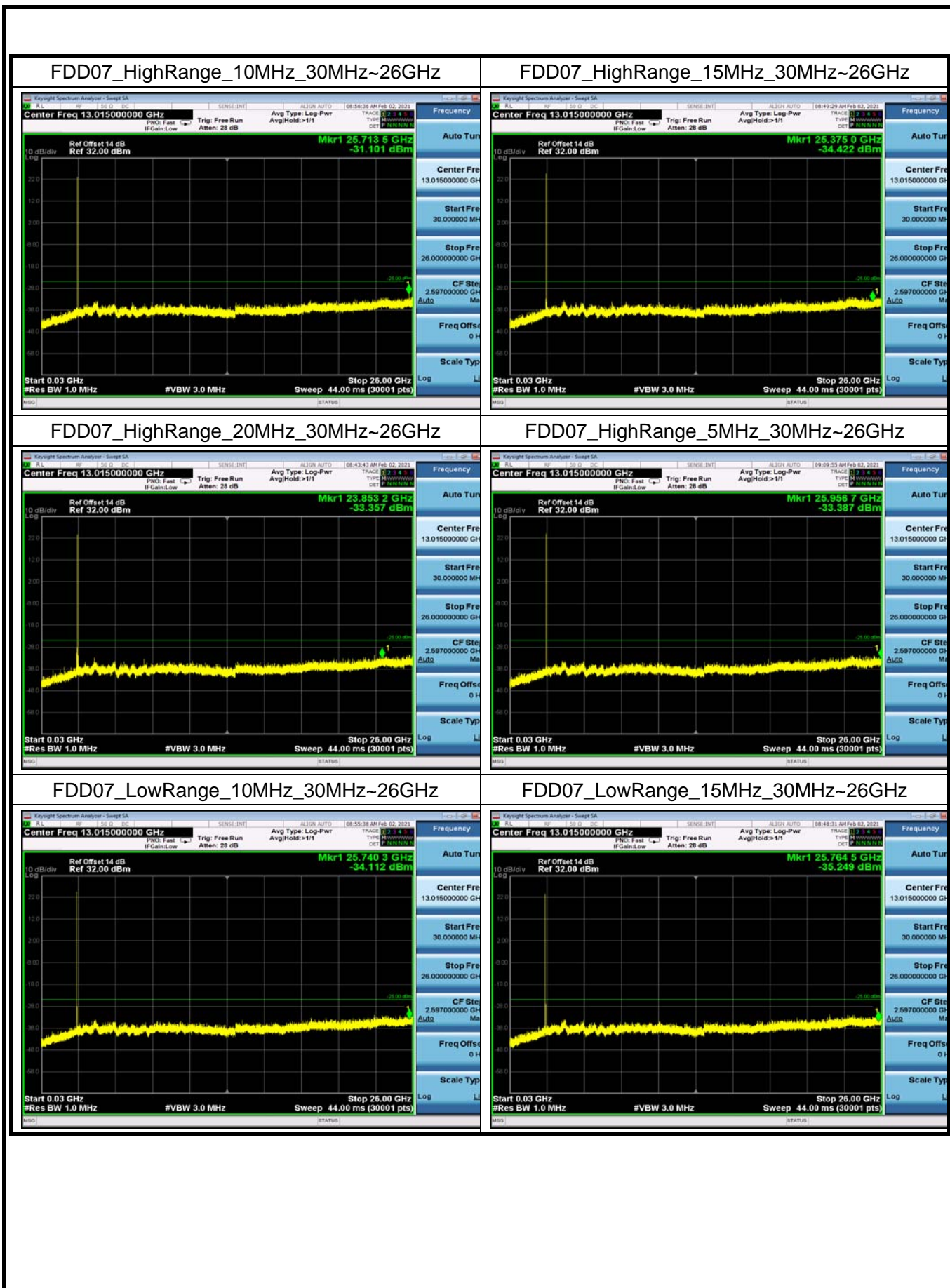
FDD04_LowRange_5MHz_30MHz~26GHz

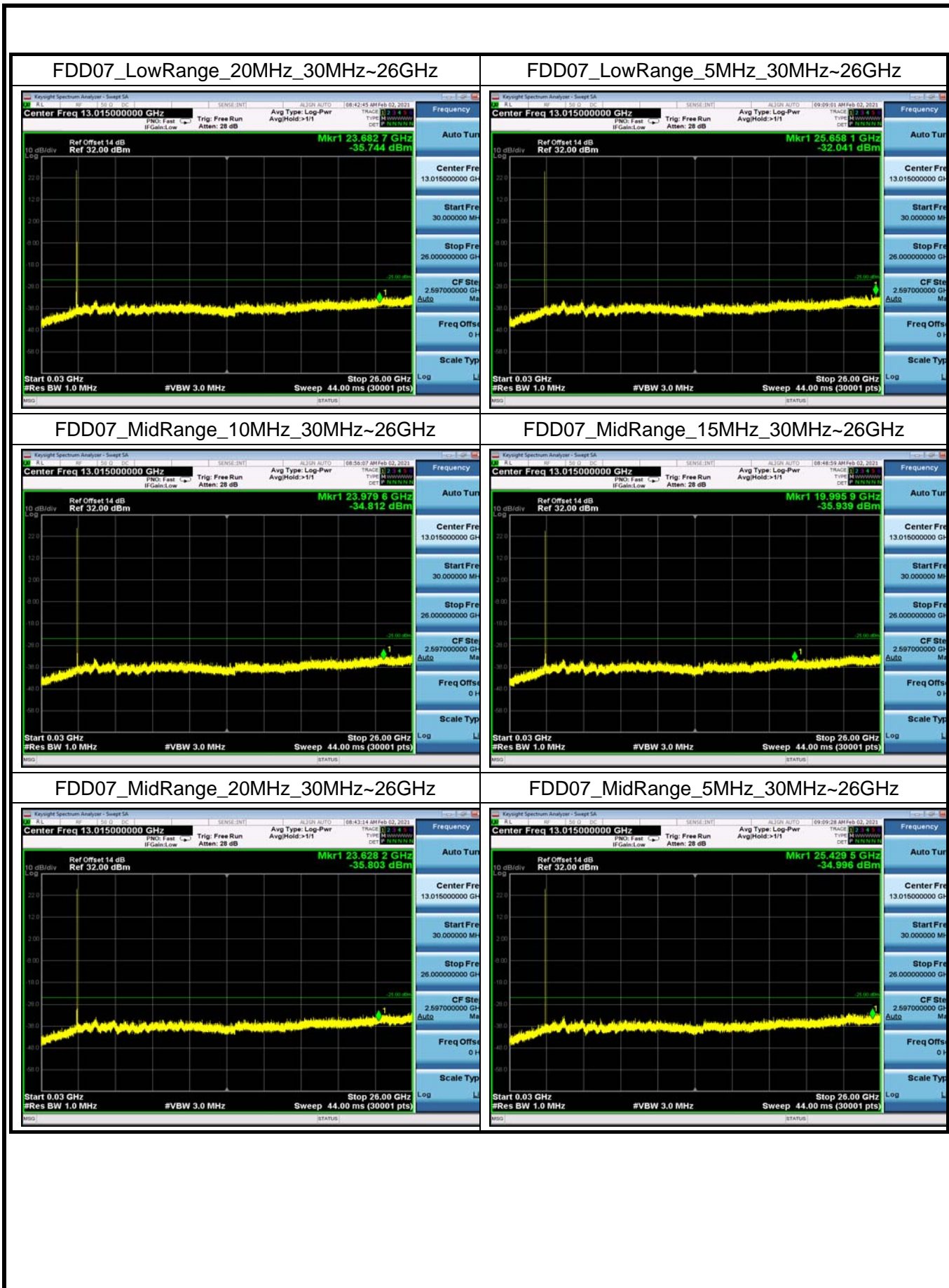


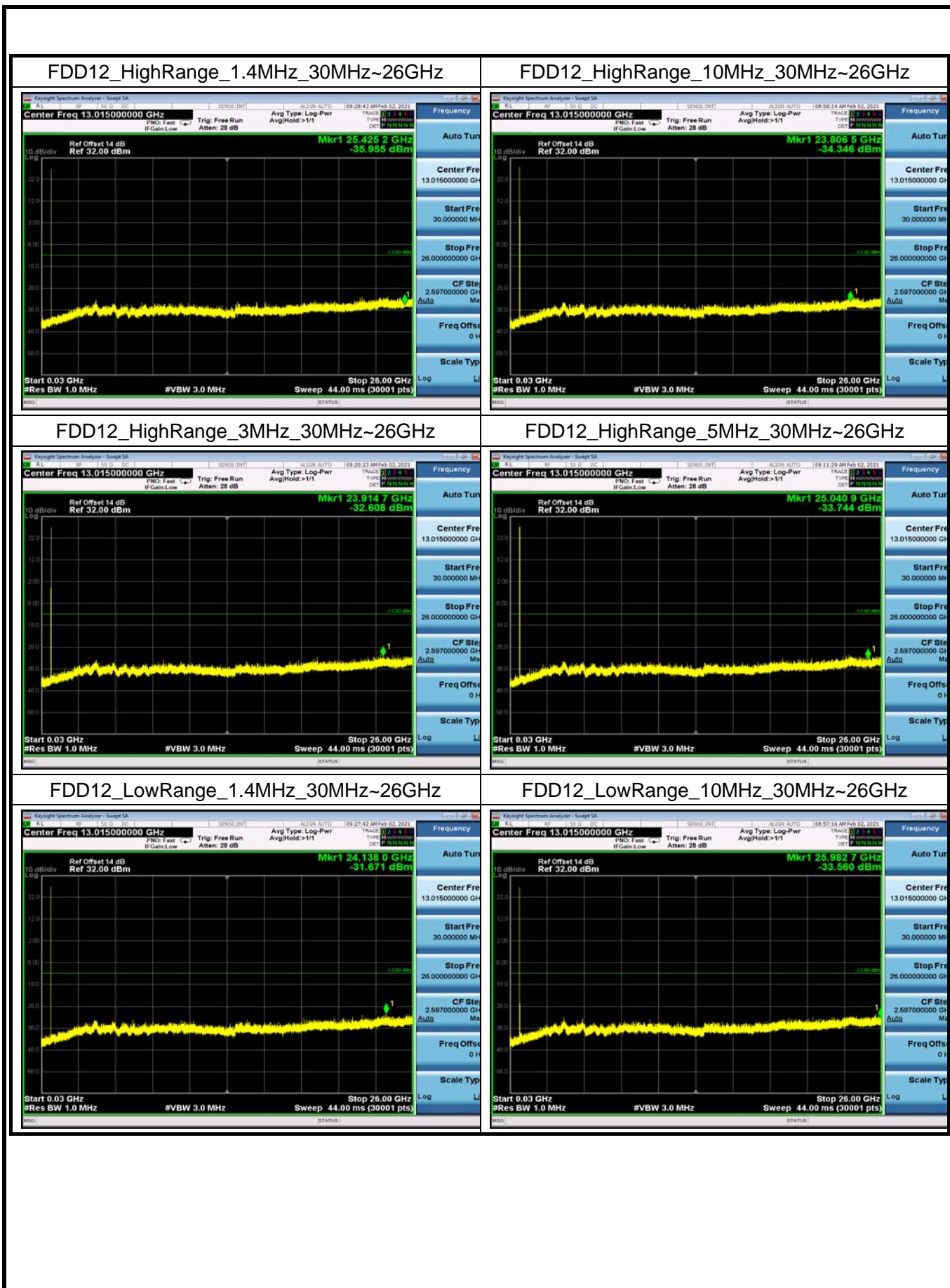


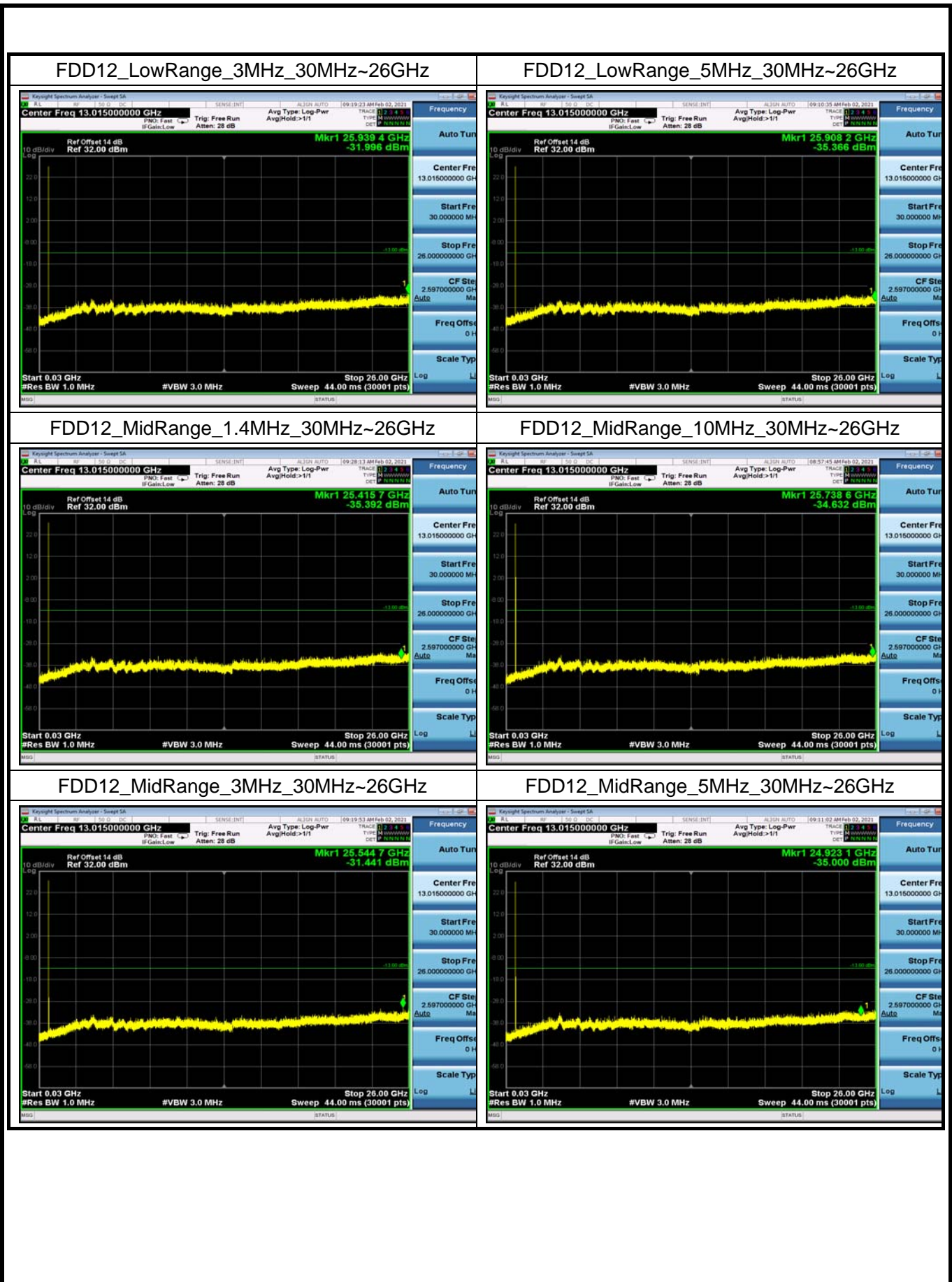


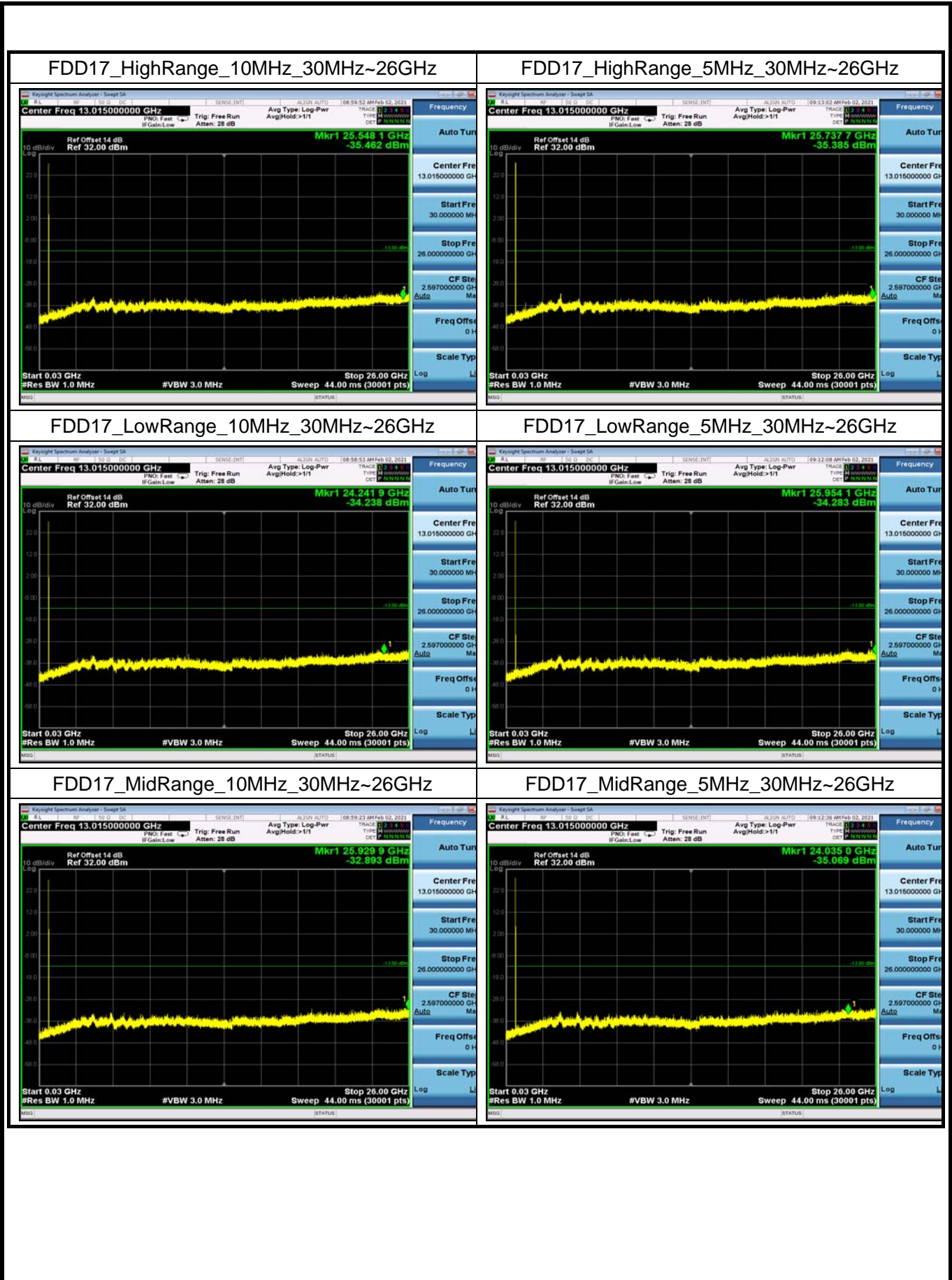










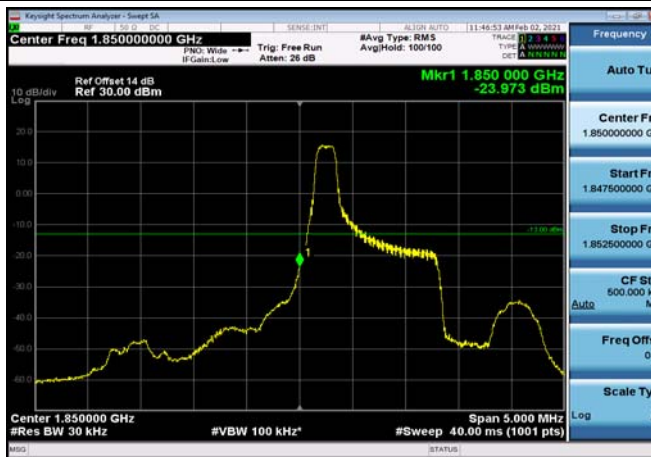




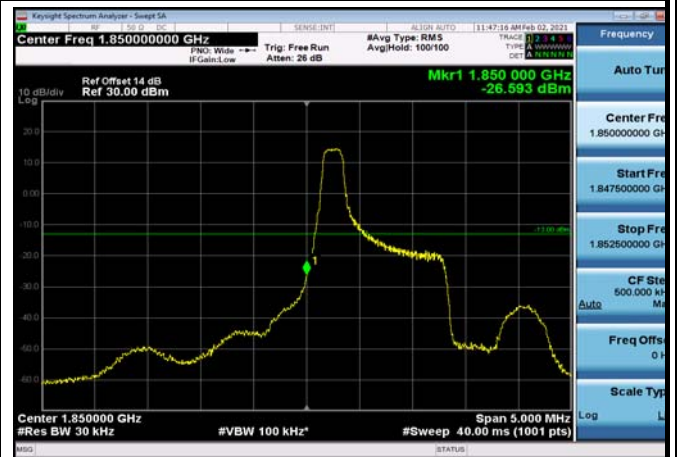
Conducted Band Edge

Test Result and Data

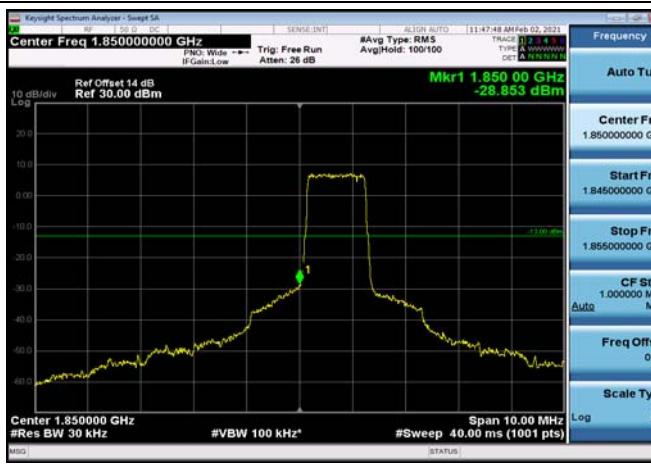
LowRange_FDD02_1.4MHz_1850.7_OneRB
_low_QPSK



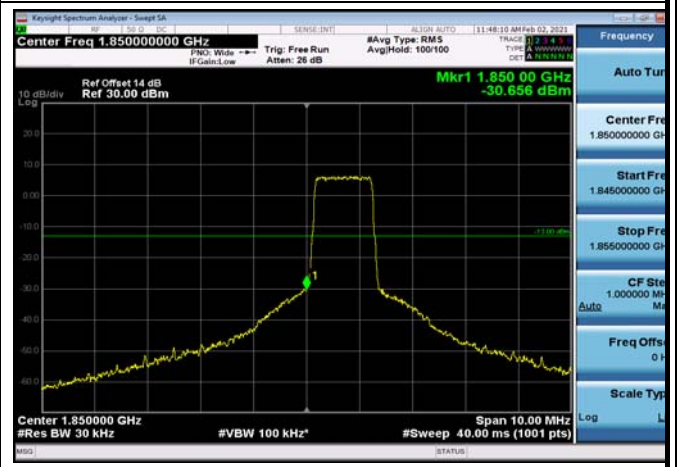
LowRange_FDD02_1.4MHz_1850.7_OneRB
_low_Q16



LowRange_FDD02_1.4MHz_1850.7_fullRB
_Low_QPSK

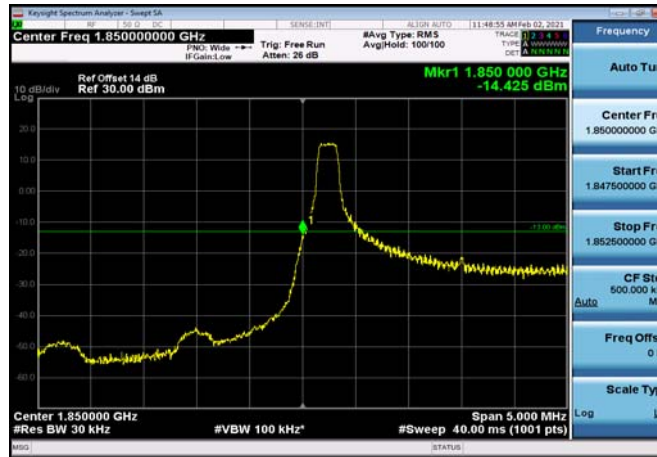


LowRange_FDD02_1.4MHz_1850.7_fullRB
_Low_Q16

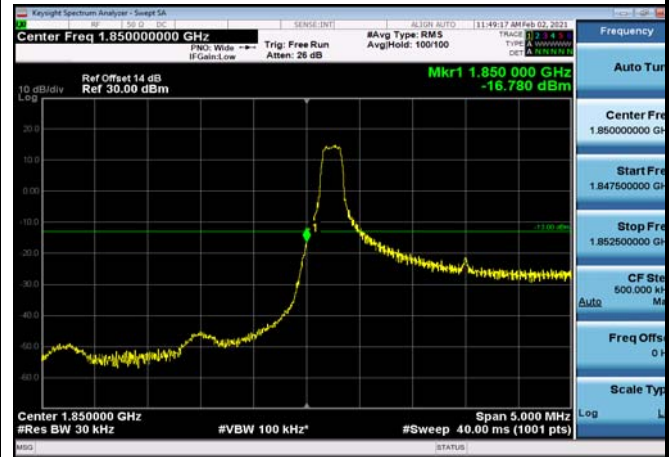




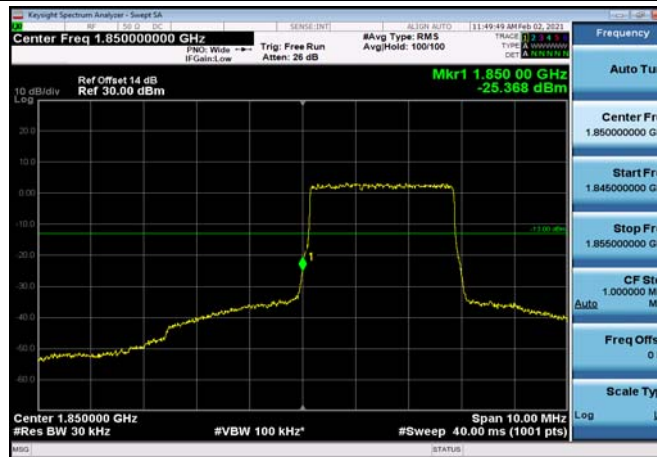
LowRange_FDD02_3MHz_1851.5_OneRB
_low_QPSK



LowRange_FDD02_3MHz_1851.5_OneRB
_low_Q16



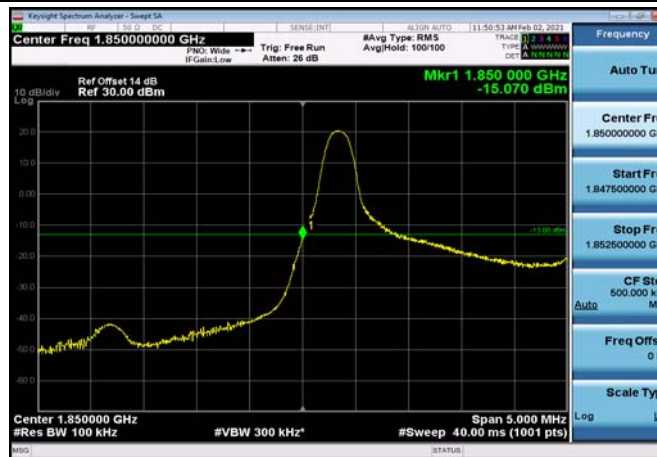
LowRange_FDD02_3MHz_1851.5_fullIRB
_Low_QPSK



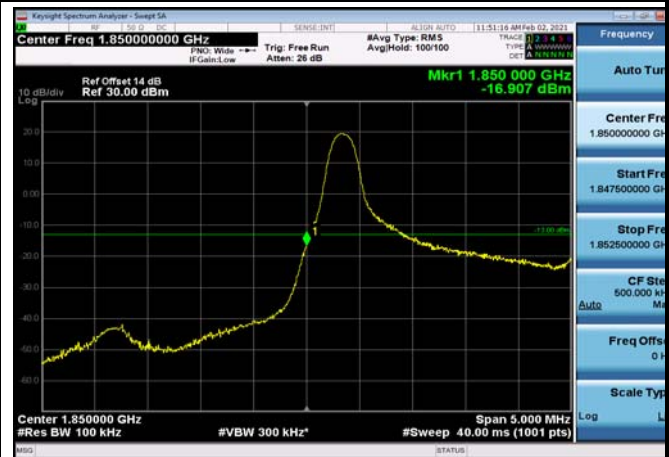
LowRange_FDD02_3MHz_1851.5_fullIRB
_Low_Q16

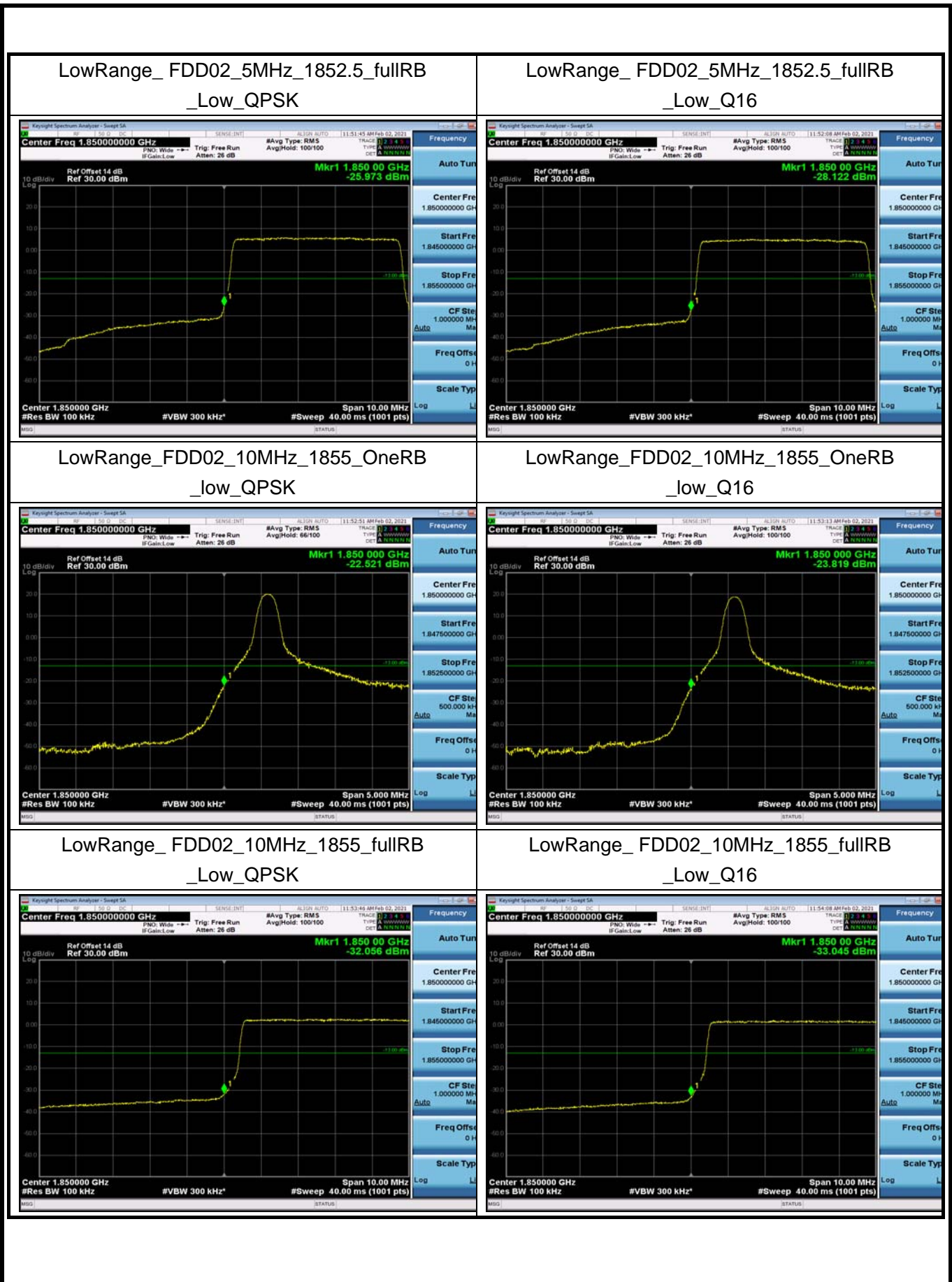


LowRange_FDD02_5MHz_1852.5_OneRB
_low_QPSK



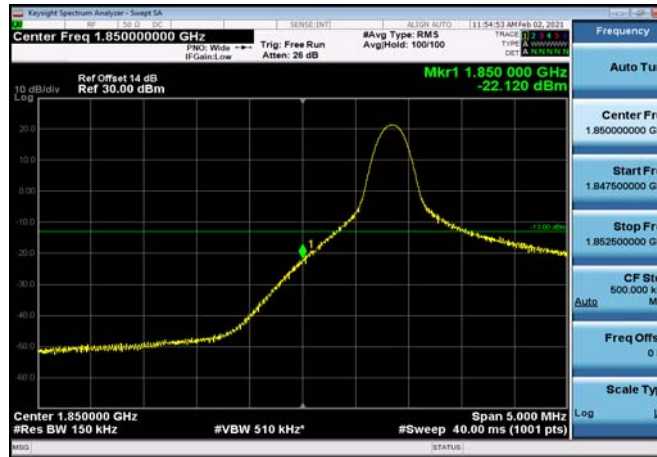
LowRange_FDD02_5MHz_1852.5_OneRB
_low_Q16



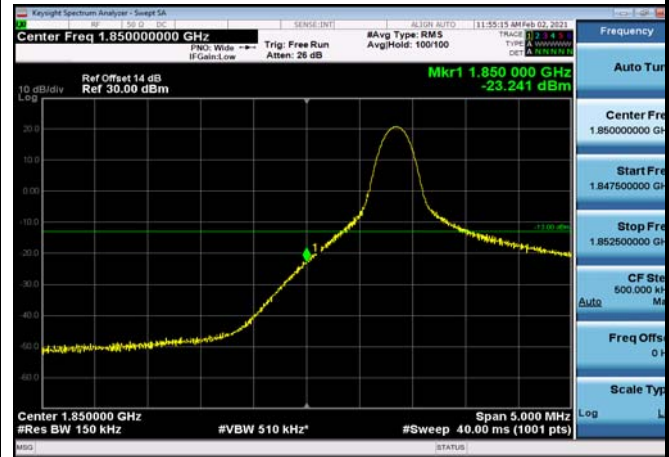




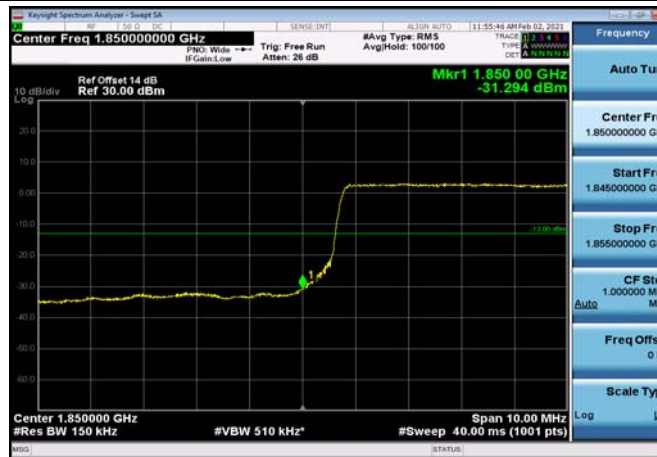
LowRange_FDD02_15MHz_1857.5_OneRB
_low_QPSK



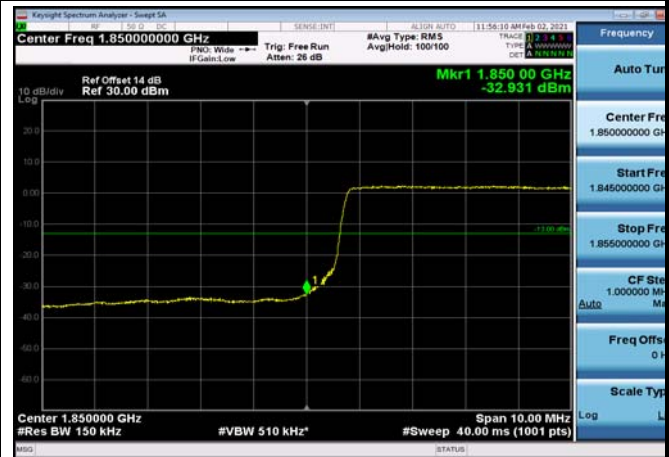
LowRange_FDD02_15MHz_1857.5_OneRB
_low_Q16



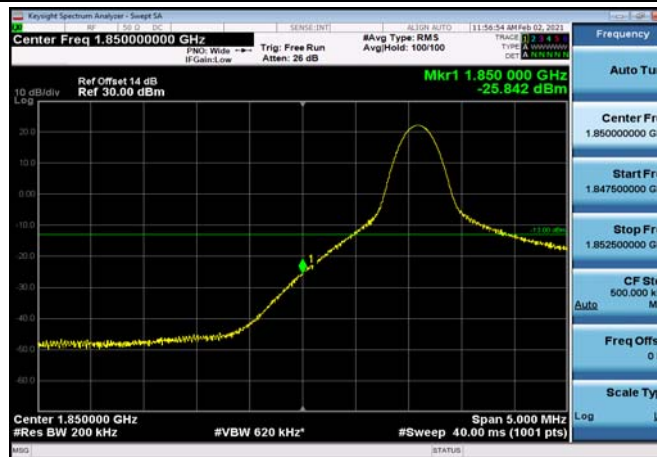
LowRange_FDD02_15MHz_1857.5_fullIRB
_Low_QPSK



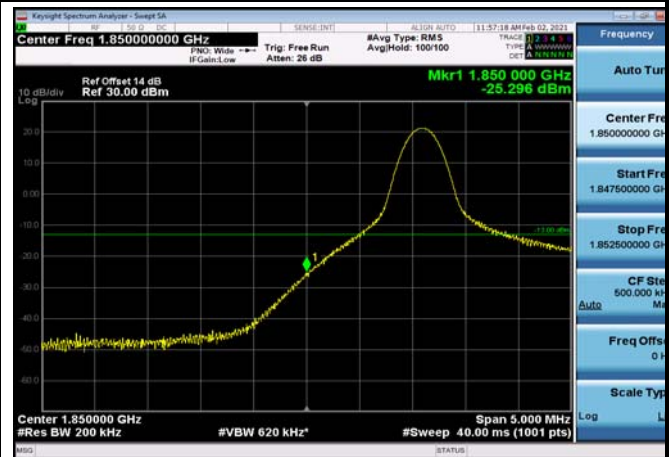
LowRange_FDD02_15MHz_1857.5_fullIRB
_Low_Q16



LowRange_FDD02_20MHz_1860_OneRB
_low_QPSK

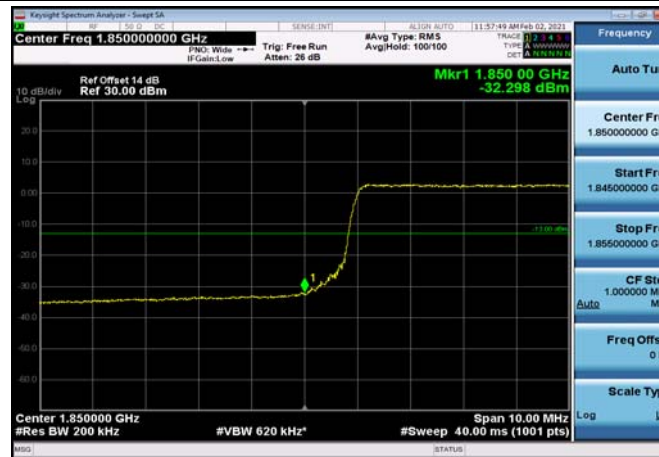


LowRange_FDD02_20MHz_1860_OneRB
_low_Q16

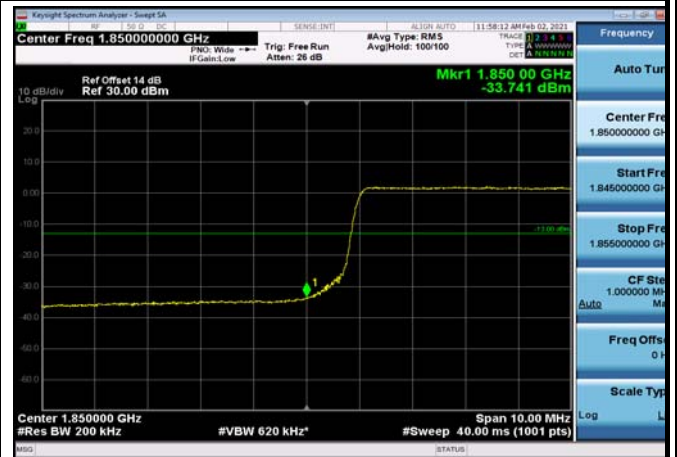




LowRange_FDD02_20MHz_1860_fullRB
_Low_QPSK



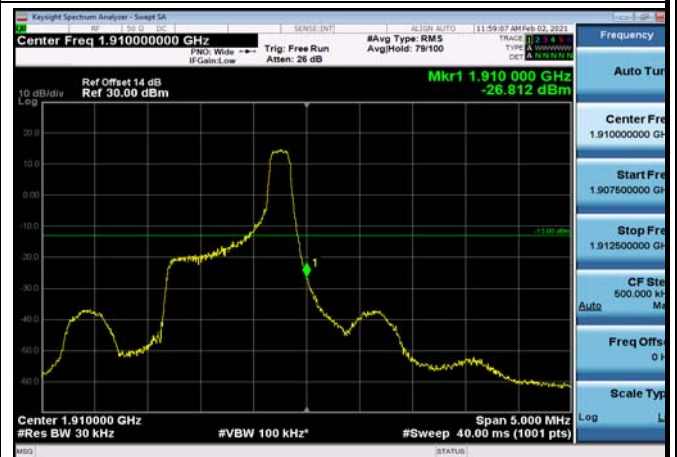
LowRange_FDD02_20MHz_1860_fullRB
_Low_Q16



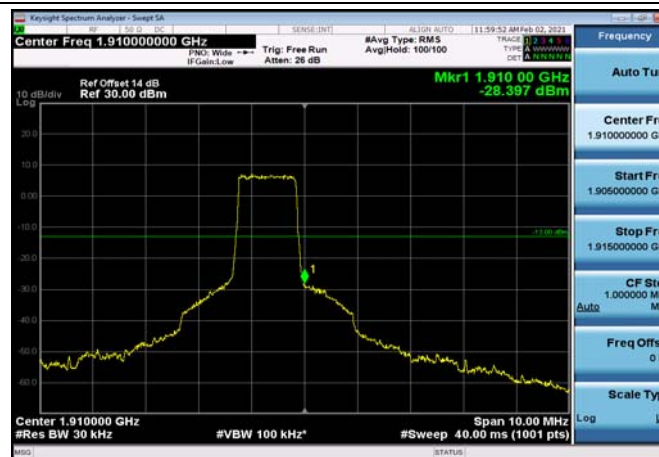
HighRange_FDD02_1.4MHz_1909.3_OneRB
_high_QPSK



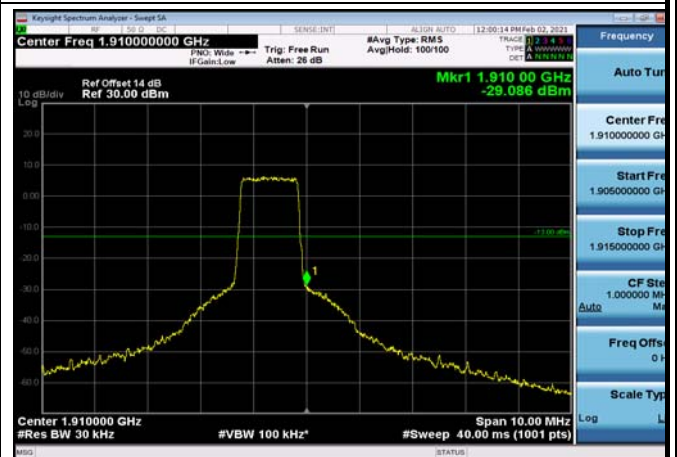
HighRange_FDD02_1.4MHz_1909.3_OneRB
_high_Q16



HighRange_FDD02_1.4MHz_1909.3
_fullRB_High_QPSK

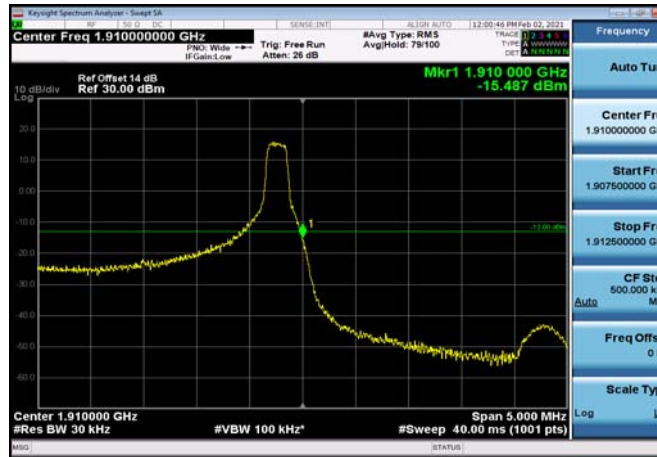


HighRange_FDD02_1.4MHz_1909.3
_fullRB_High_Q16

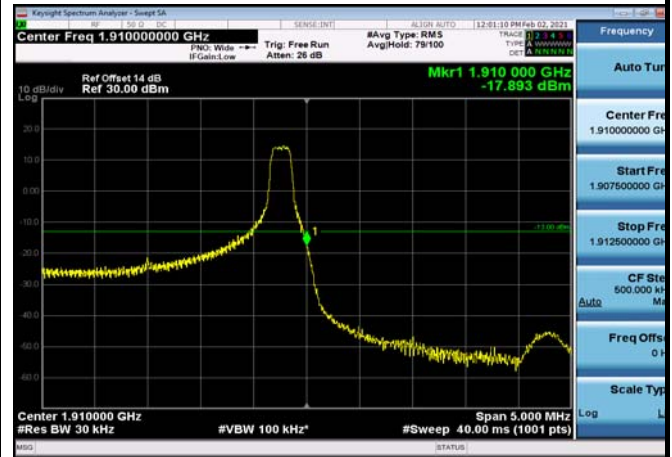




HighRange_FDD02_3MHz_1908.5_OneRB
_high_QPSK



HighRange_FDD02_3MHz_1908.5_OneRB
_high_Q16



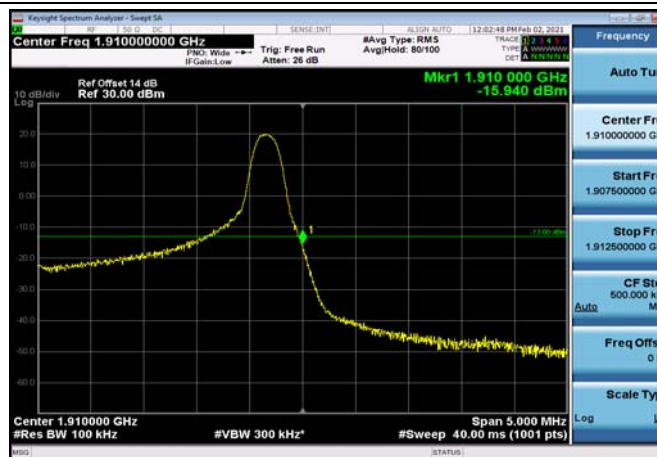
HighRange_FDD02_3MHz_1908.5_fullIRB
_High_QPSK



HighRange_FDD02_3MHz_1908.5_fullIRB
_High_Q16



HighRange_FDD02_5MHz_1907.5_OneRB
_high_QPSK



HighRange_FDD02_5MHz_1907.5_OneRB
_high_Q16

