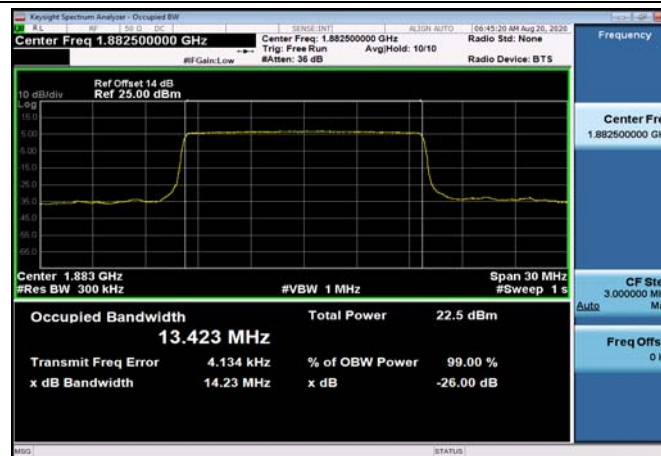
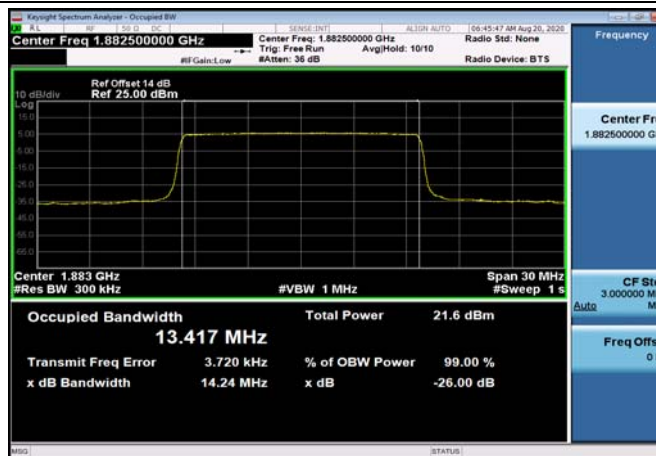




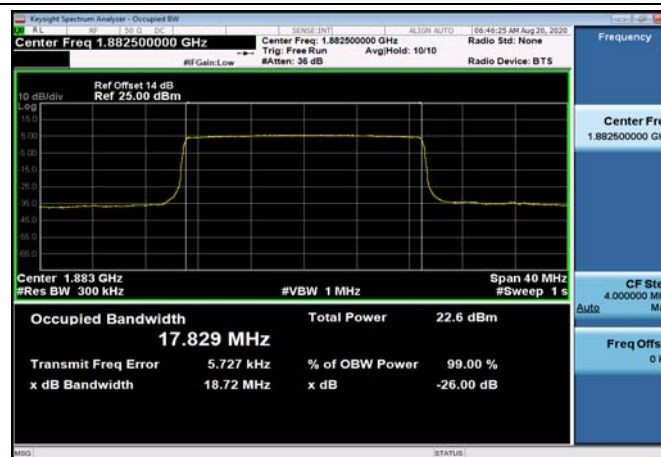
FDD25\_MidRange\_15MHz\_1882.5MHz\_QPSK



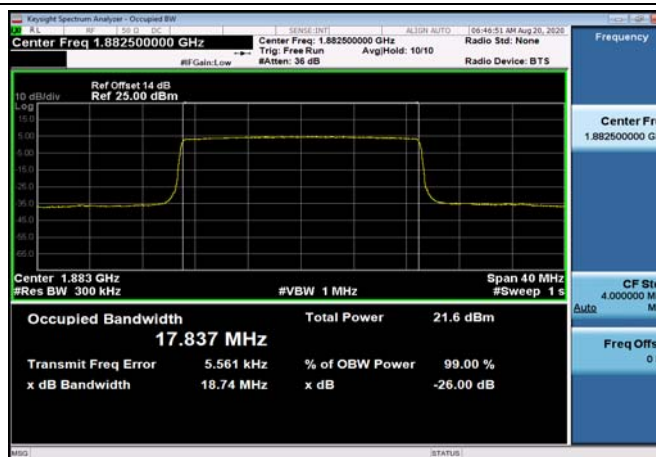
FDD25\_MidRange\_15MHz\_1882.5MHz\_Q16



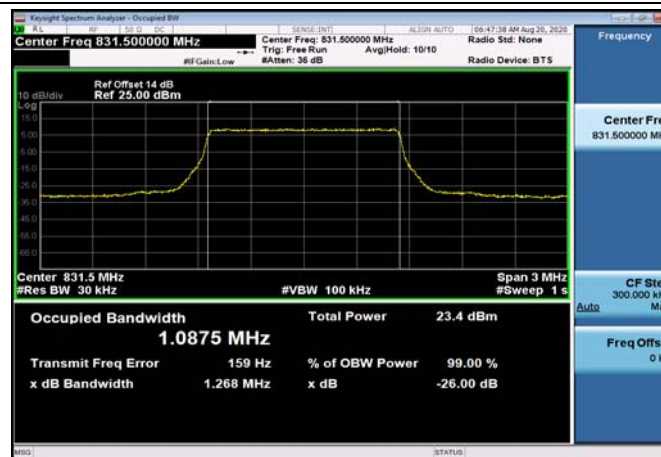
FDD25\_MidRange\_20MHz\_1882.5MHz\_QPSK



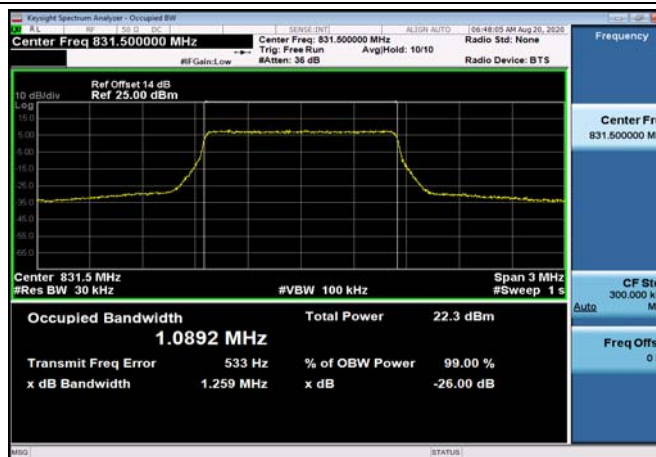
FDD25\_MidRange\_20MHz\_1882.5MHz\_Q16

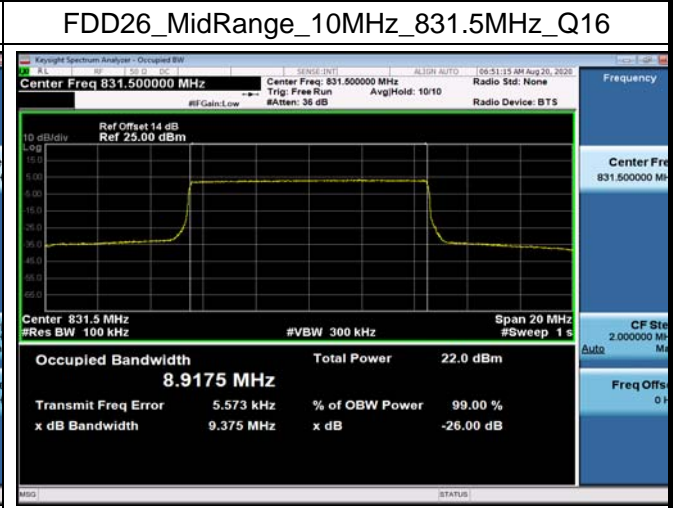
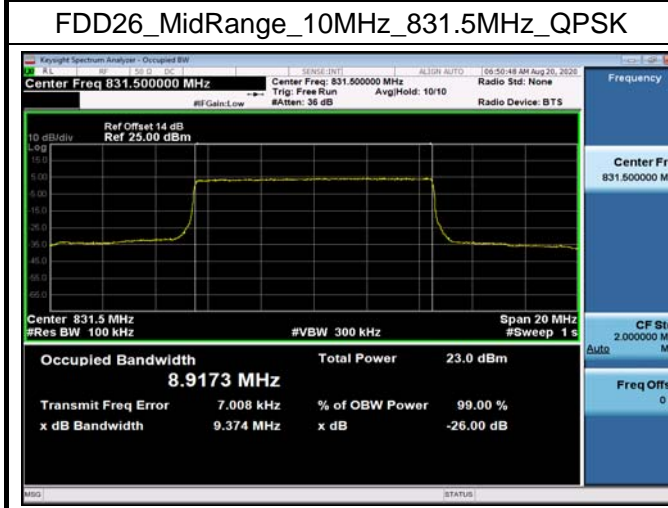
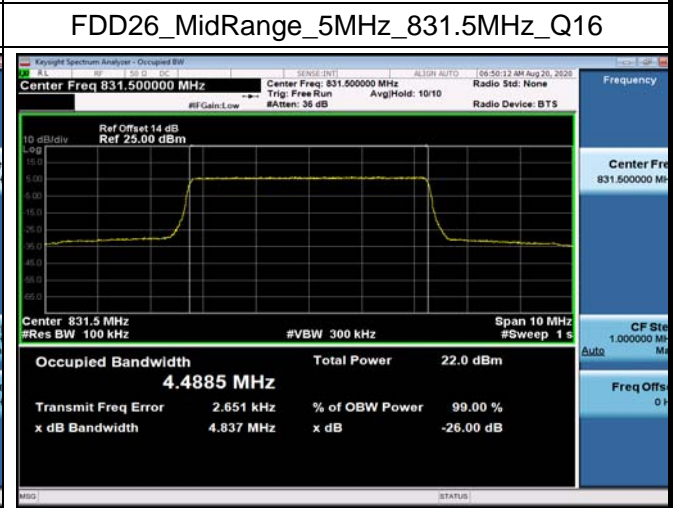
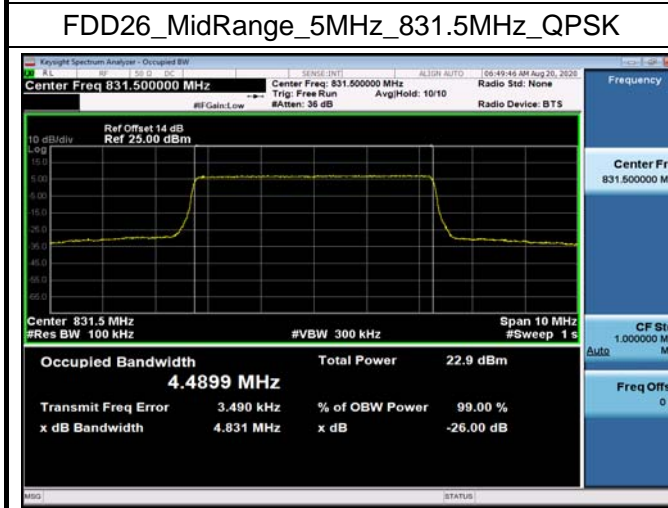
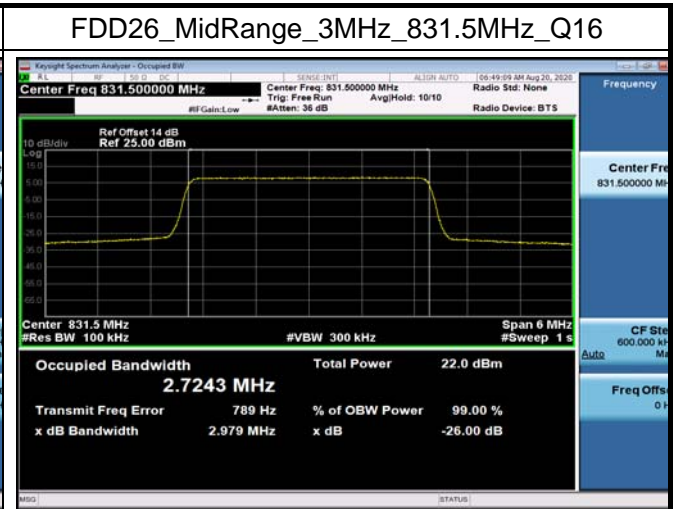
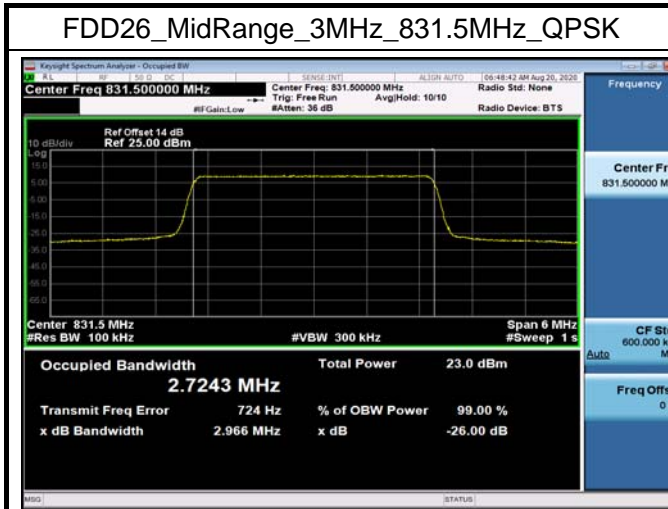


FDD26\_MidRange\_1.4MHz\_831.5MHz\_QPSK



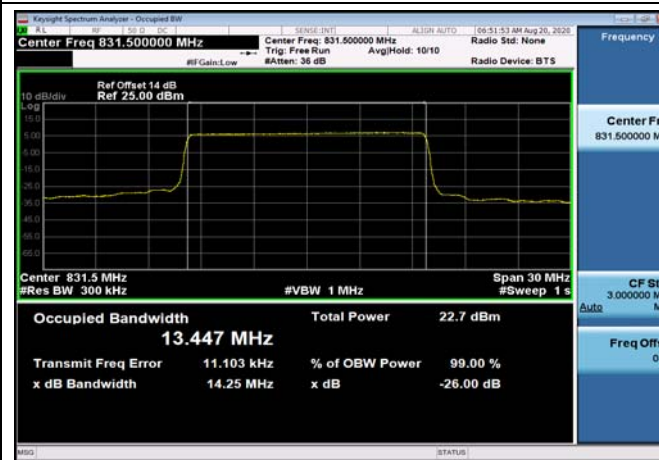
FDD26\_MidRange\_1.4MHz\_831.5MHz\_Q16



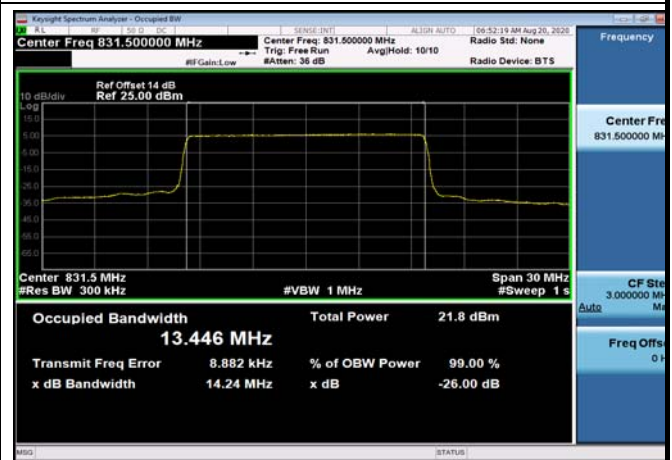




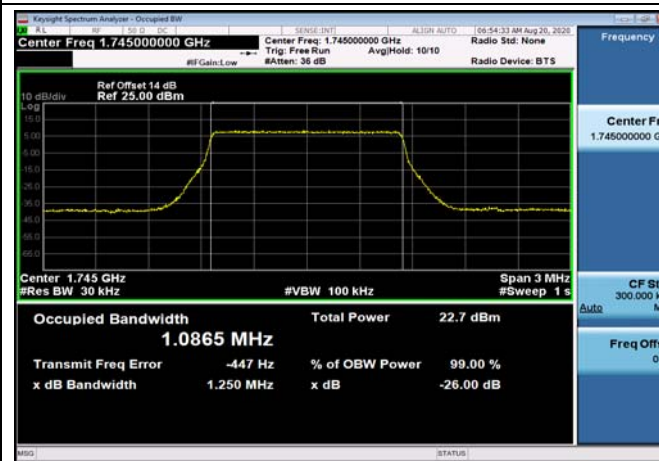
FDD26\_MidRange\_15MHz\_831.5MHz\_QPSK



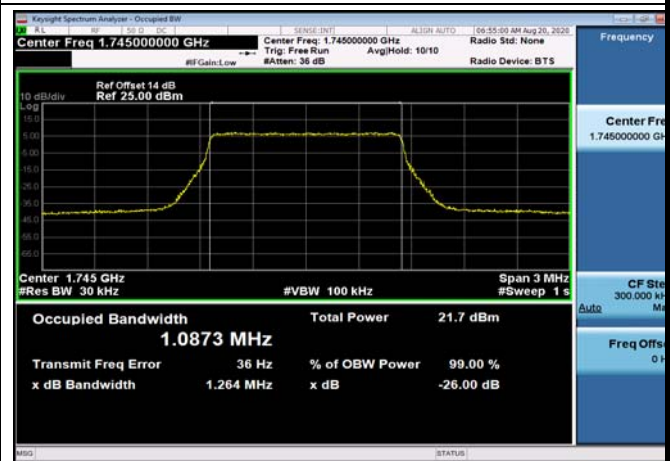
FDD26\_MidRange\_15MHz\_831.5MHz\_Q16



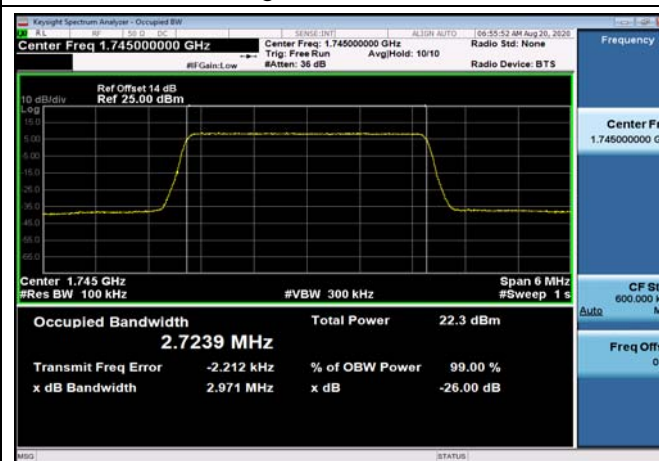
FDD66\_MidRange\_1.4MHz\_1745MHz\_QPSK



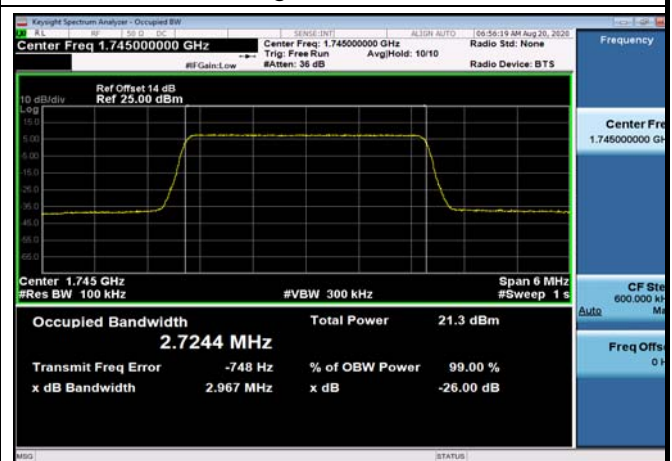
FDD66\_MidRange\_1.4MHz\_1745MHz\_Q16

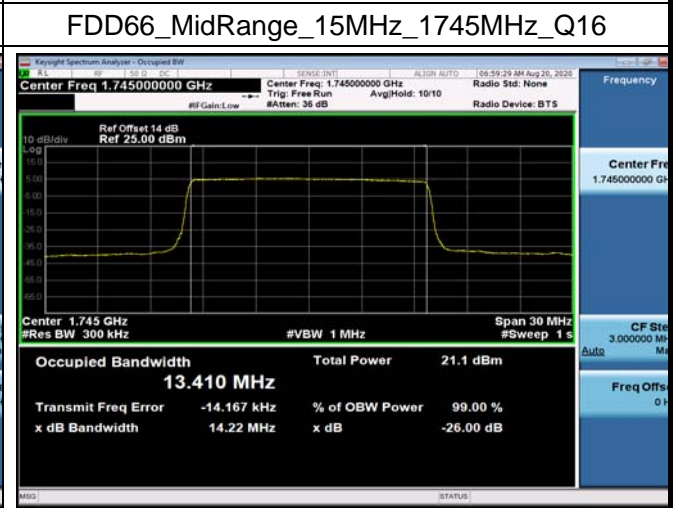
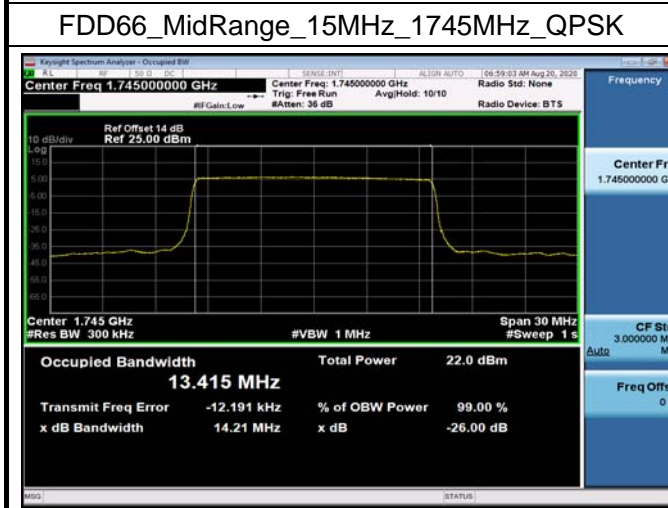
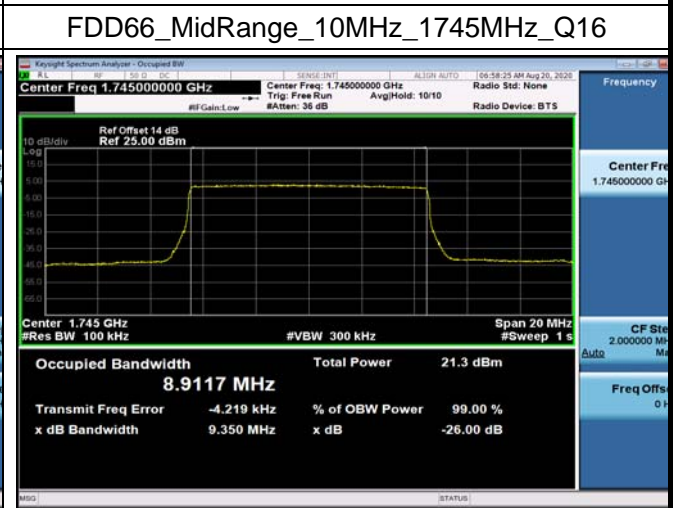
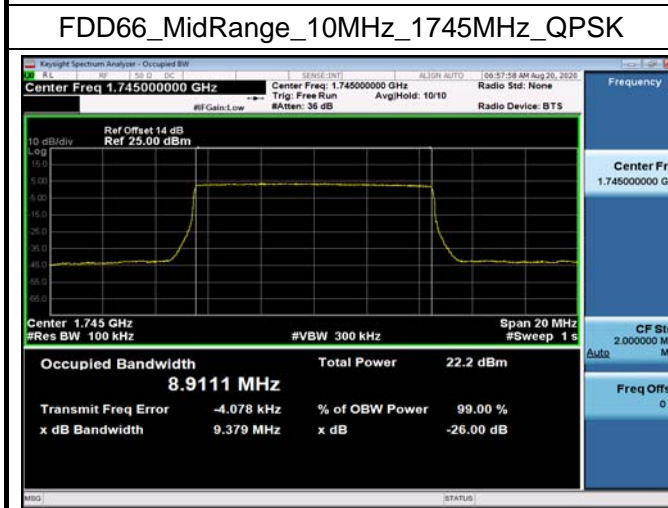
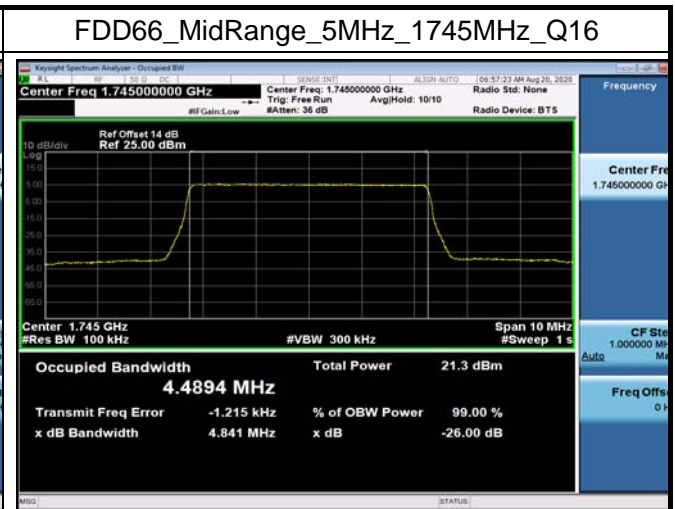
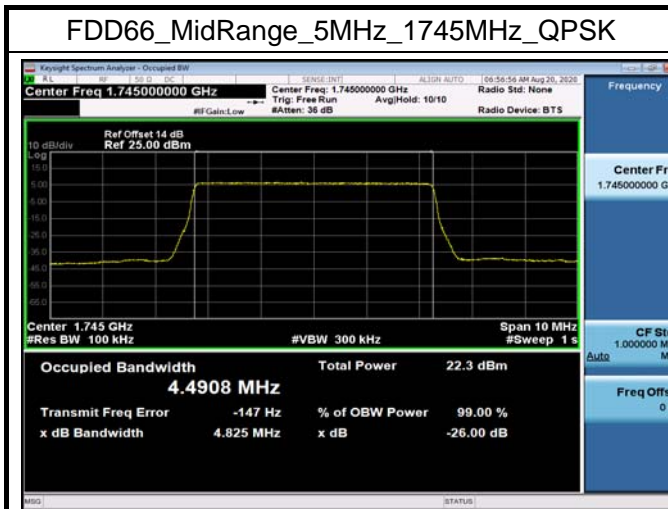


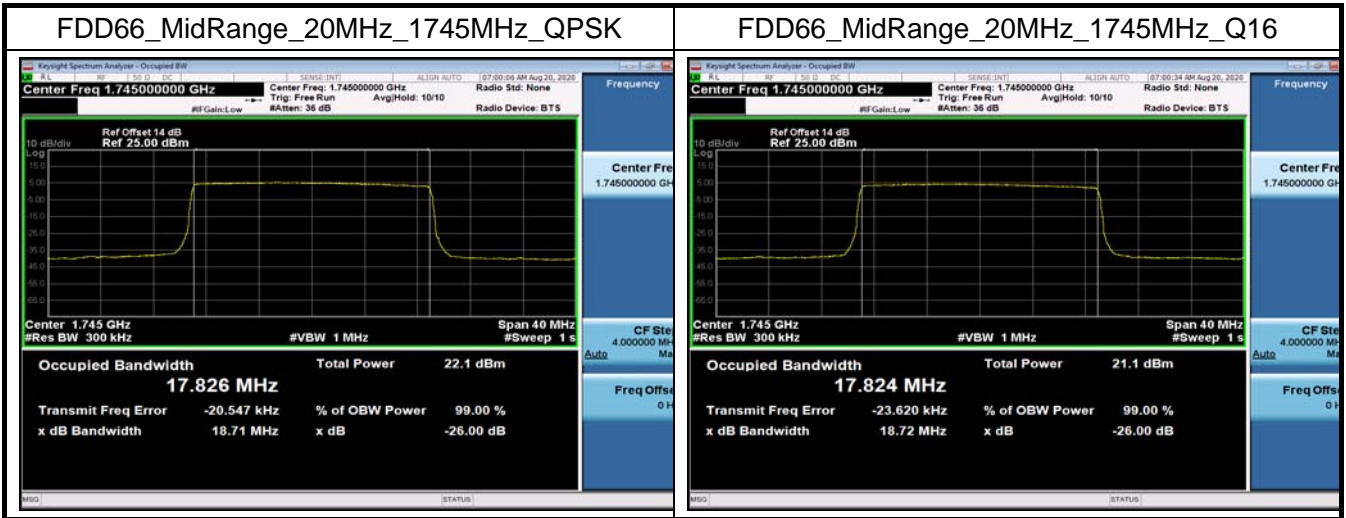
FDD66\_MidRange\_3MHz\_1745MHz\_QPSK



FDD66\_MidRange\_3MHz\_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	-5.851	0.003	±2.5	Pass
Normal	Normal	FDD02	10	fullRB	QPSK	-7.310	0.004	±2.5	Pass
Normal	High	FDD02	10	fullRB	QPSK	-6.452	0.003	±2.5	Pass
50	Normal	FDD02	10	fullRB	QPSK	-8.454	0.004	±2.5	Pass
40	Normal	FDD02	10	fullRB	QPSK	-9.599	0.005	±2.5	Pass
30	Normal	FDD02	10	fullRB	QPSK	-7.424	0.004	±2.5	Pass
20	Normal	FDD02	10	fullRB	QPSK	-8.826	0.005	±2.5	Pass
10	Normal	FDD02	10	fullRB	QPSK	-8.168	0.004	±2.5	Pass
0	Normal	FDD02	10	fullRB	QPSK	-6.866	0.004	±2.5	Pass
-10	Normal	FDD02	10	fullRB	QPSK	-6.266	0.003	±2.5	Pass
-20	Normal	FDD02	10	fullRB	QPSK	-6.409	0.003	±2.5	Pass
-30	Normal	FDD02	10	fullRB	QPSK	-7.753	0.004	±2.5	Pass
Normal	Low	FDD04	10	fullRB	QPSK	-3.905	0.002	±2.5	Pass
Normal	Normal	FDD04	10	fullRB	QPSK	3.734	0.002	±2.5	Pass
Normal	High	FDD04	10	fullRB	QPSK	-4.249	0.002	±2.5	Pass
50	Normal	FDD04	10	fullRB	QPSK	5.035	0.003	±2.5	Pass
40	Normal	FDD04	10	fullRB	QPSK	4.363	0.003	±2.5	Pass
30	Normal	FDD04	10	fullRB	QPSK	6.008	0.003	±2.5	Pass
20	Normal	FDD04	10	fullRB	QPSK	5.493	0.003	±2.5	Pass
10	Normal	FDD04	10	fullRB	QPSK	5.150	0.003	±2.5	Pass
0	Normal	FDD04	10	fullRB	QPSK	3.276	0.002	±2.5	Pass
-10	Normal	FDD04	10	fullRB	QPSK	3.819	0.002	±2.5	Pass
-20	Normal	FDD04	10	fullRB	QPSK	-4.978	0.003	±2.5	Pass
-30	Normal	FDD04	10	fullRB	QPSK	4.449	0.003	±2.5	Pass
Normal	Low	FDD05	10	fullRB	QPSK	2.589	0.003	±2.5	Pass
Normal	Normal	FDD05	10	fullRB	QPSK	-4.363	0.005	±2.5	Pass



Normal	High	FDD05	10	fullRB	QPSK	-3.018	0.004	±2.5	Pass
50	Normal	FDD05	10	fullRB	QPSK	-2.317	0.003	±2.5	Pass
40	Normal	FDD05	10	fullRB	QPSK	1.674	0.002	±2.5	Pass
30	Normal	FDD05	10	fullRB	QPSK	-1.717	0.002	±2.5	Pass
20	Normal	FDD05	10	fullRB	QPSK	-3.133	0.004	±2.5	Pass
10	Normal	FDD05	10	fullRB	QPSK	-2.561	0.003	±2.5	Pass
0	Normal	FDD05	10	fullRB	QPSK	-2.403	0.003	±2.5	Pass
-10	Normal	FDD05	10	fullRB	QPSK	4.334	0.005	±2.5	Pass
-20	Normal	FDD05	10	fullRB	QPSK	-2.861	0.003	±2.5	Pass
-30	Normal	FDD05	10	fullRB	QPSK	-1.802	0.002	±2.5	Pass
Normal	Low	FDD12	10	fullRB	QPSK	-3.133	0.004	±2.5	Pass
Normal	Normal	FDD12	10	fullRB	QPSK	-2.074	0.003	±2.5	Pass
Normal	High	FDD12	10	fullRB	QPSK	-3.061	0.004	±2.5	Pass
50	Normal	FDD12	10	fullRB	QPSK	-2.303	0.003	±2.5	Pass
40	Normal	FDD12	10	fullRB	QPSK	2.589	0.004	±2.5	Pass
30	Normal	FDD12	10	fullRB	QPSK	2.589	0.004	±2.5	Pass
20	Normal	FDD12	10	fullRB	QPSK	-2.847	0.004	±2.5	Pass
10	Normal	FDD12	10	fullRB	QPSK	-2.818	0.004	±2.5	Pass
0	Normal	FDD12	10	fullRB	QPSK	3.061	0.004	±2.5	Pass
-10	Normal	FDD12	10	fullRB	QPSK	-2.704	0.004	±2.5	Pass
-20	Normal	FDD12	10	fullRB	QPSK	-2.646	0.004	±2.5	Pass
-30	Normal	FDD12	10	fullRB	QPSK	2.160	0.003	±2.5	Pass
Normal	Low	FDD25	10	fullRB	QPSK	7.725	0.004	±2.5	Pass
Normal	Normal	FDD25	10	fullRB	QPSK	6.037	0.003	±2.5	Pass
Normal	High	FDD25	10	fullRB	QPSK	4.992	0.003	±2.5	Pass
50	Normal	FDD25	10	fullRB	QPSK	-5.307	0.003	±2.5	Pass
40	Normal	FDD25	10	fullRB	QPSK	4.592	0.002	±2.5	Pass
30	Normal	FDD25	10	fullRB	QPSK	3.405	0.002	±2.5	Pass
20	Normal	FDD25	10	fullRB	QPSK	5.608	0.003	±2.5	Pass
10	Normal	FDD25	10	fullRB	QPSK	-4.249	0.002	±2.5	Pass
0	Normal	FDD25	10	fullRB	QPSK	4.463	0.002	±2.5	Pass
-10	Normal	FDD25	10	fullRB	QPSK	2.975	0.002	±2.5	Pass



-20	Normal	FDD25	10	fullIRB	QPSK	6.366	0.003	±2.5	Pass
-30	Normal	FDD25	10	fullIRB	QPSK	6.223	0.003	±2.5	Pass
Normal	Low	FDD26	10	fullIRB	QPSK	-3.920	0.005	±2.5	Pass
Normal	Normal	FDD26	10	fullIRB	QPSK	-2.160	0.003	±2.5	Pass
Normal	High	FDD26	10	fullIRB	QPSK	-2.532	0.003	±2.5	Pass
50	Normal	FDD26	10	fullIRB	QPSK	1.688	0.002	±2.5	Pass
40	Normal	FDD26	10	fullIRB	QPSK	3.119	0.004	±2.5	Pass
30	Normal	FDD26	10	fullIRB	QPSK	2.160	0.003	±2.5	Pass
20	Normal	FDD26	10	fullIRB	QPSK	-2.747	0.003	±2.5	Pass
10	Normal	FDD26	10	fullIRB	QPSK	3.119	0.004	±2.5	Pass
0	Normal	FDD26	10	fullIRB	QPSK	-1.888	0.002	±2.5	Pass
-10	Normal	FDD26	10	fullIRB	QPSK	-2.346	0.003	±2.5	Pass
-20	Normal	FDD26	10	fullIRB	QPSK	-3.219	0.004	±2.5	Pass
-30	Normal	FDD26	10	fullIRB	QPSK	1.931	0.002	±2.5	Pass
Normal	Low	FDD66	10	fullIRB	QPSK	-4.921	0.003	±2.5	Pass
Normal	Normal	FDD66	10	fullIRB	QPSK	-6.967	0.004	±2.5	Pass
Normal	High	FDD66	10	fullIRB	QPSK	-6.523	0.004	±2.5	Pass
50	Normal	FDD66	10	fullIRB	QPSK	-6.208	0.004	±2.5	Pass
40	Normal	FDD66	10	fullIRB	QPSK	-5.078	0.003	±2.5	Pass
30	Normal	FDD66	10	fullIRB	QPSK	-4.935	0.003	±2.5	Pass
20	Normal	FDD66	10	fullIRB	QPSK	-6.752	0.004	±2.5	Pass
10	Normal	FDD66	10	fullIRB	QPSK	-8.826	0.005	±2.5	Pass
0	Normal	FDD66	10	fullIRB	QPSK	-7.539	0.004	±2.5	Pass
-10	Normal	FDD66	10	fullIRB	QPSK	-5.937	0.003	±2.5	Pass
-20	Normal	FDD66	10	fullIRB	QPSK	-6.838	0.004	±2.5	Pass
-30	Normal	FDD66	10	fullIRB	QPSK	-5.651	0.003	±2.5	Pass

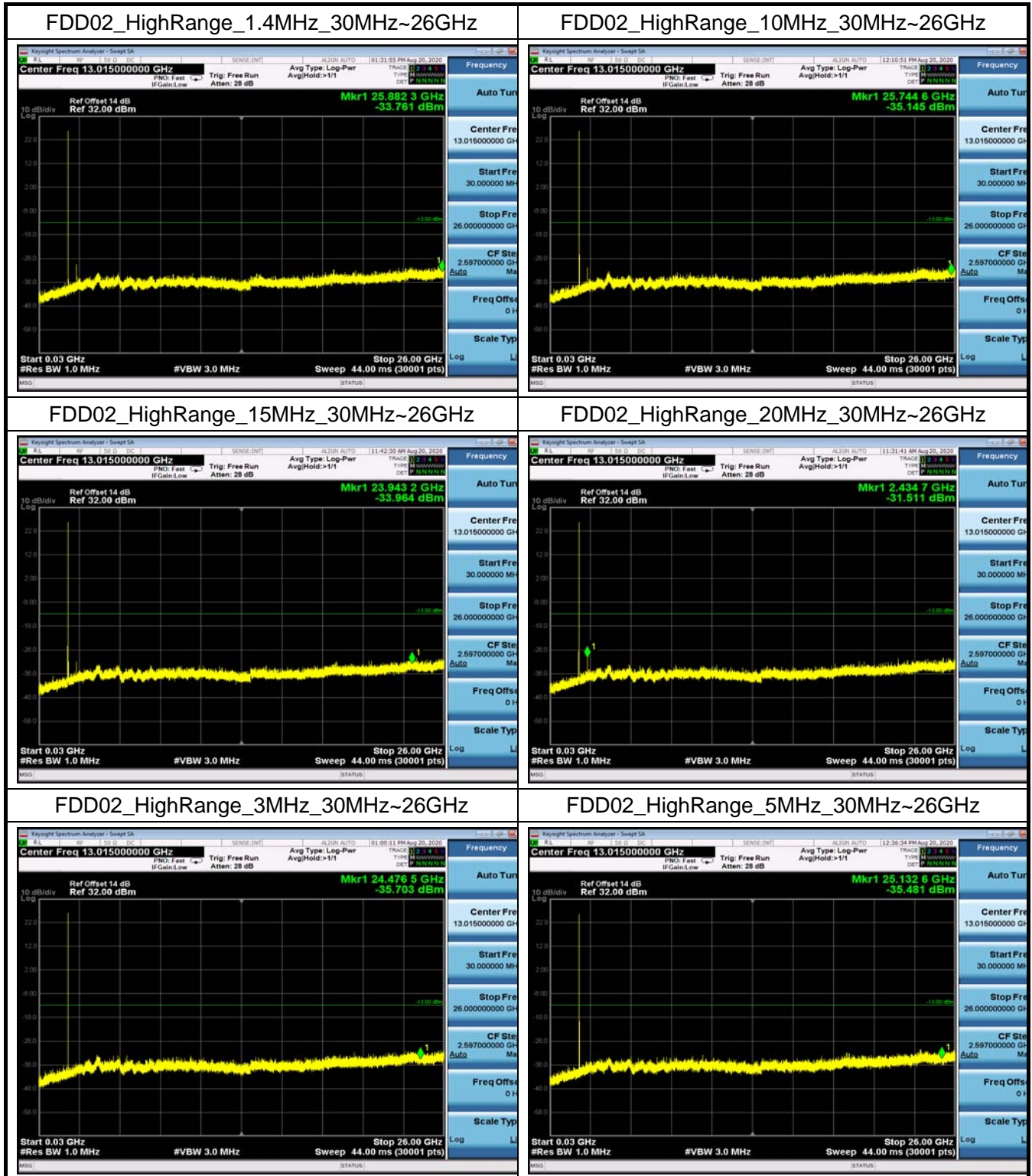
Note: Normal=12V, Low=9V, High=36V

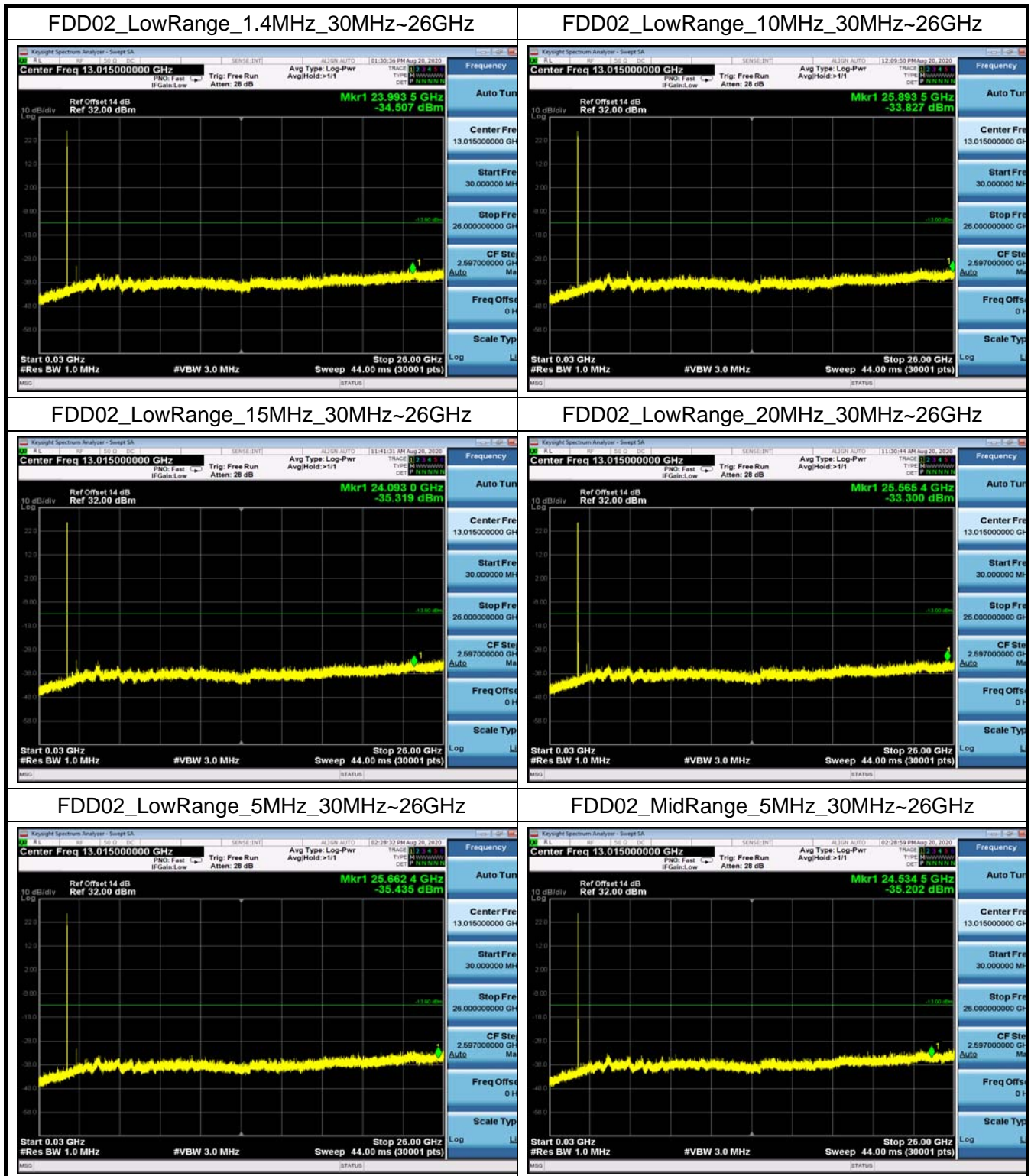




# Conducted Out of Band Emissions

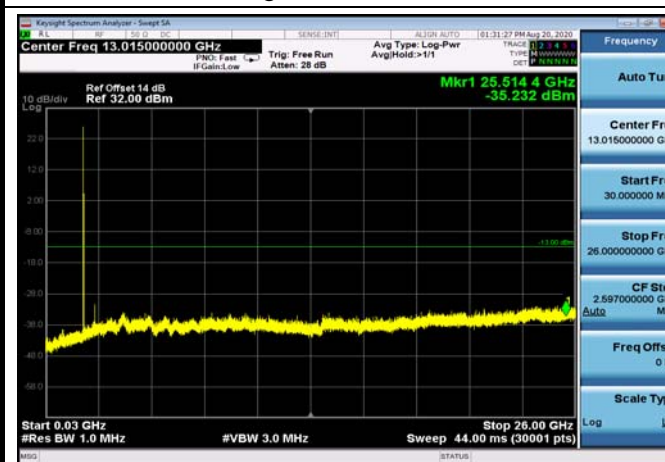
## Test Result and Data



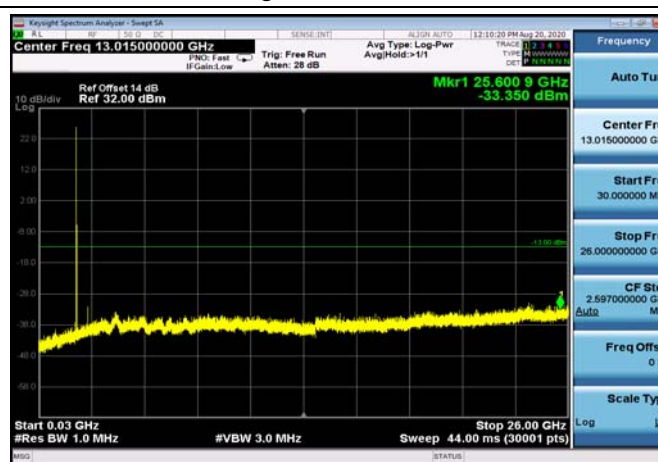




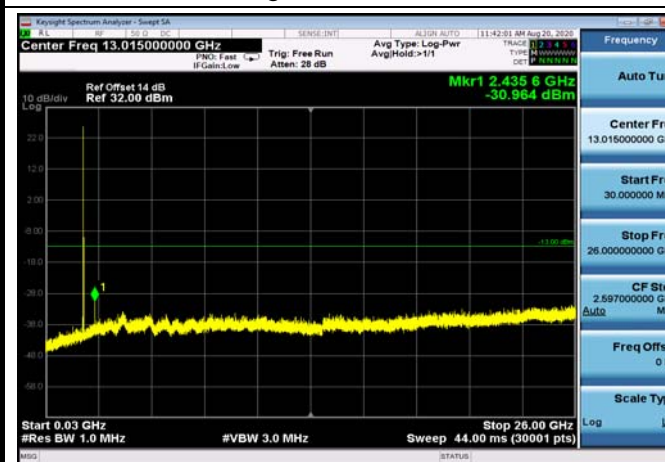
FDD02\_MidRange\_1.4MHz\_30MHz~26GHz



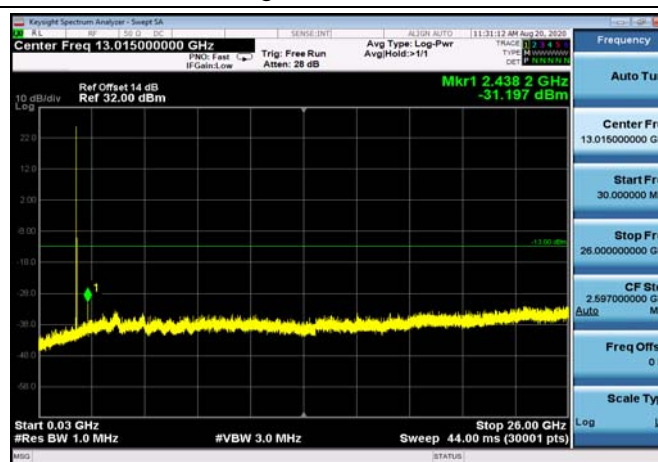
FDD02\_MidRange\_10MHz\_30MHz~26GHz



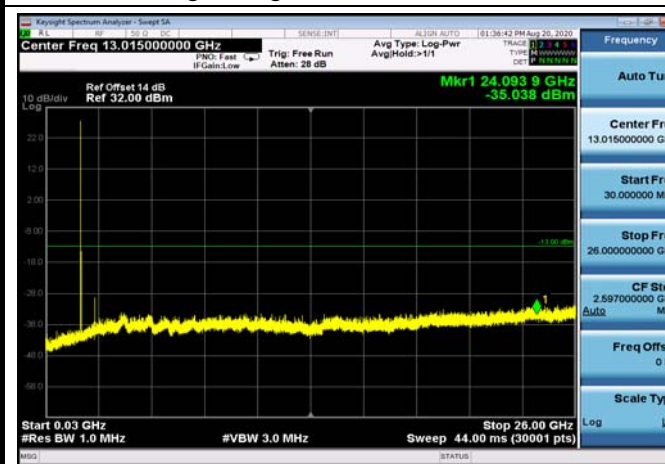
FDD02\_MidRange\_15MHz\_30MHz~26GHz



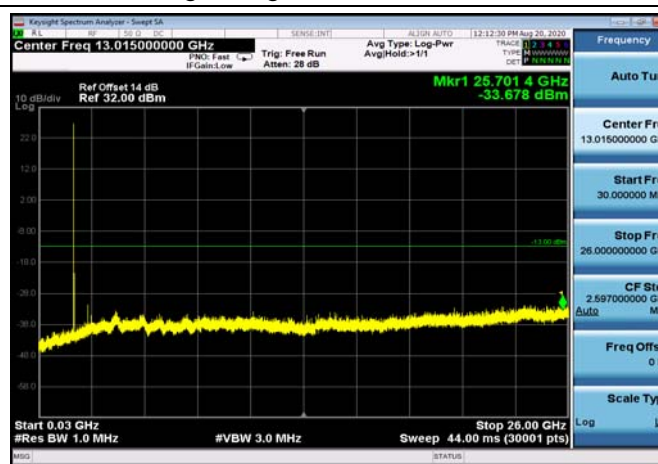
FDD02\_MidRange\_20MHz\_30MHz~26GHz

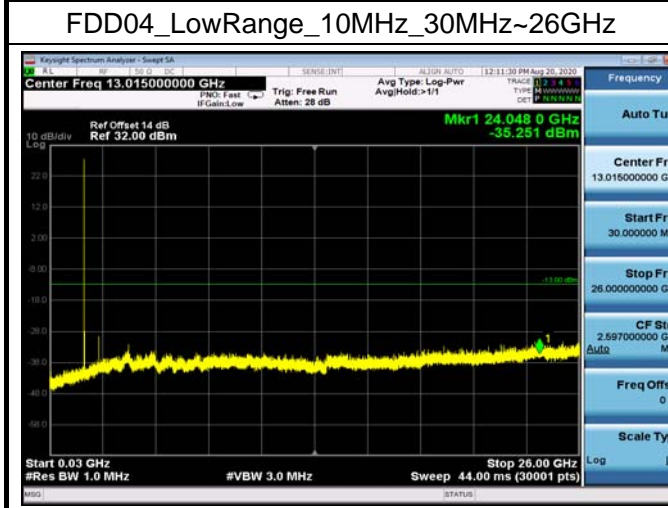
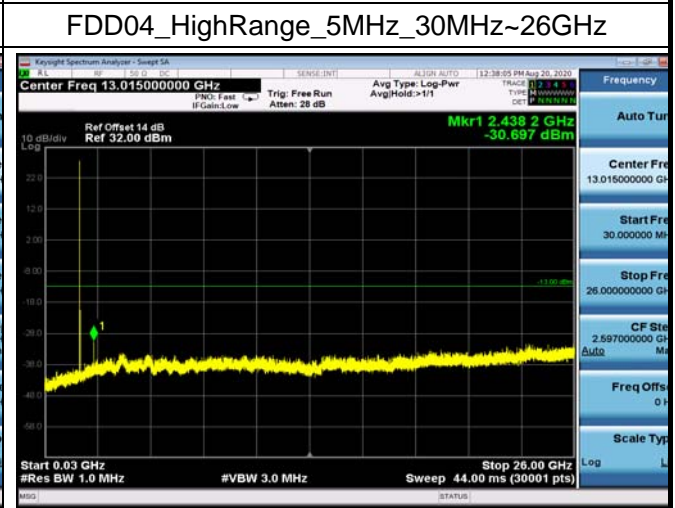
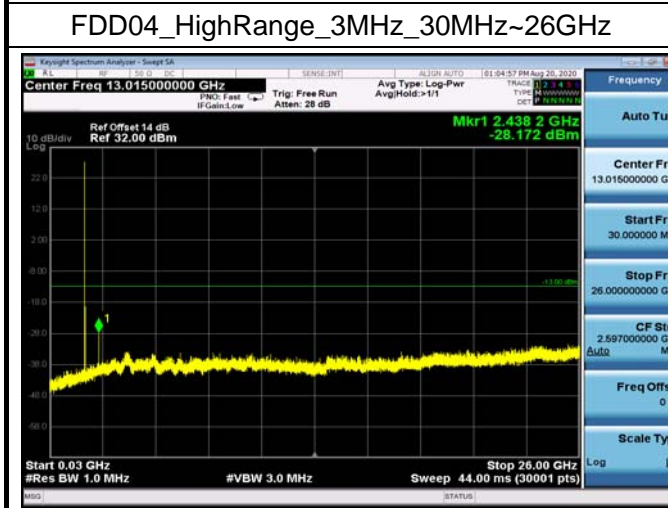
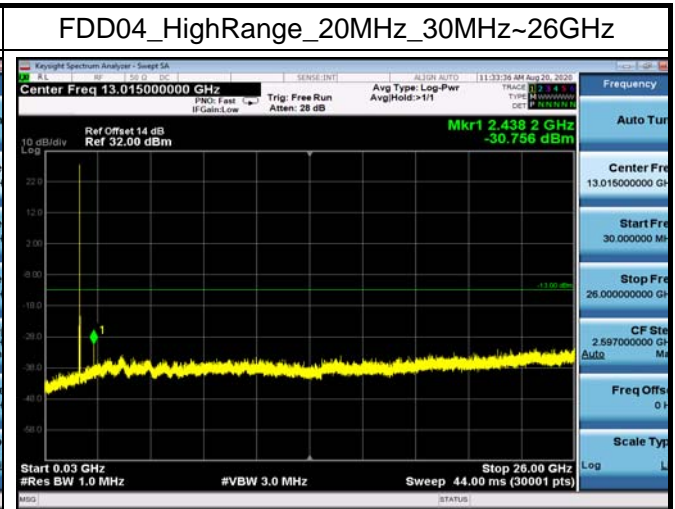
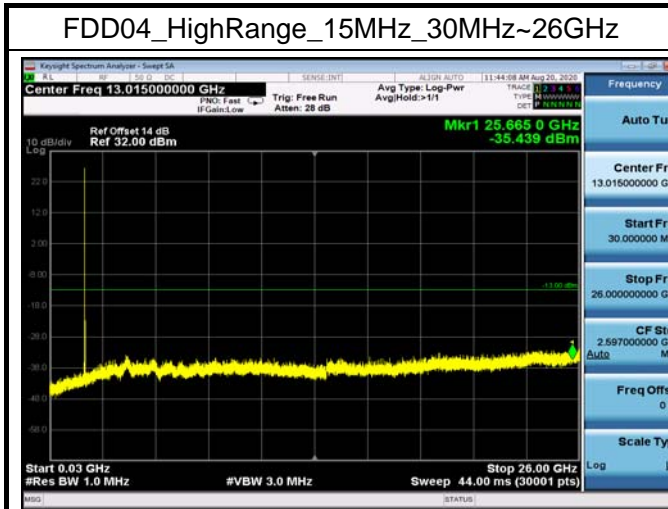


FDD04\_HighRange\_1.4MHz\_30MHz~26GHz

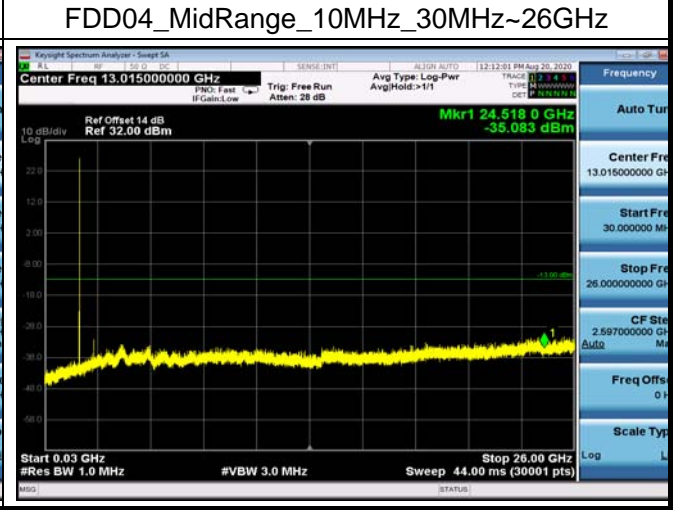
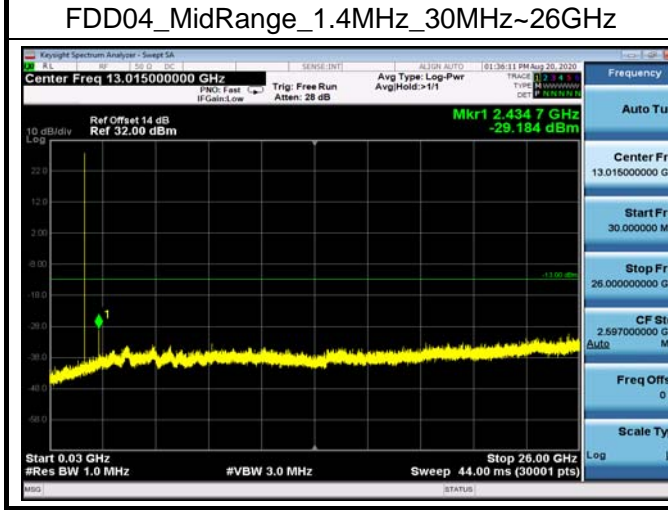
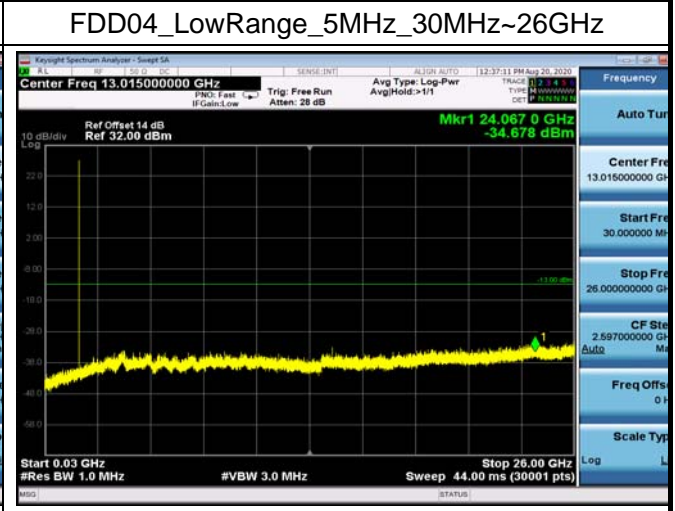
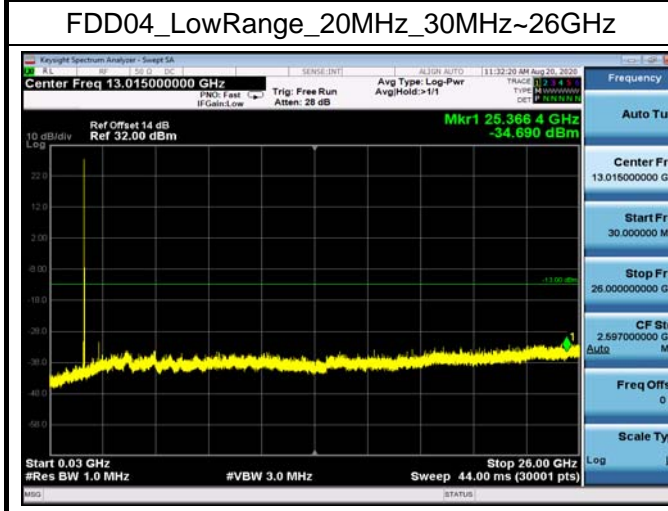
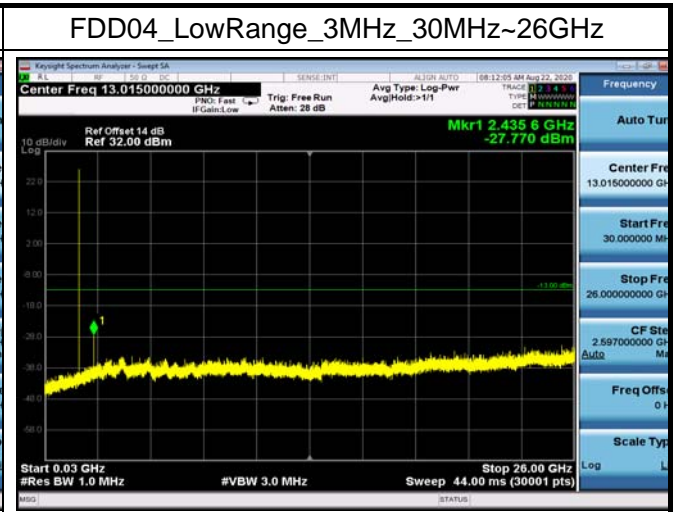
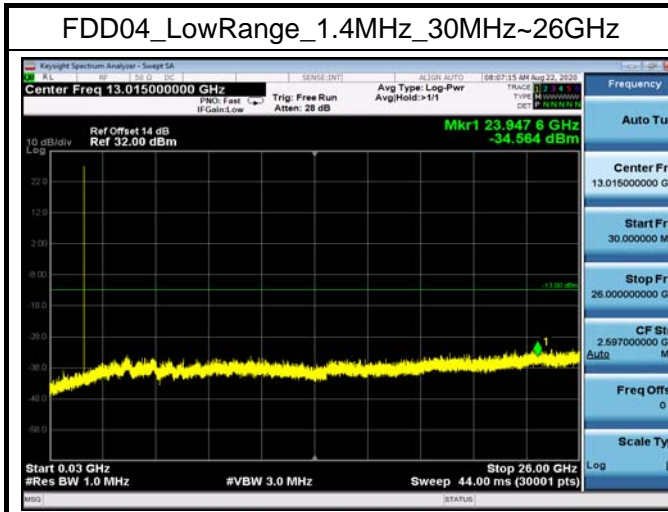


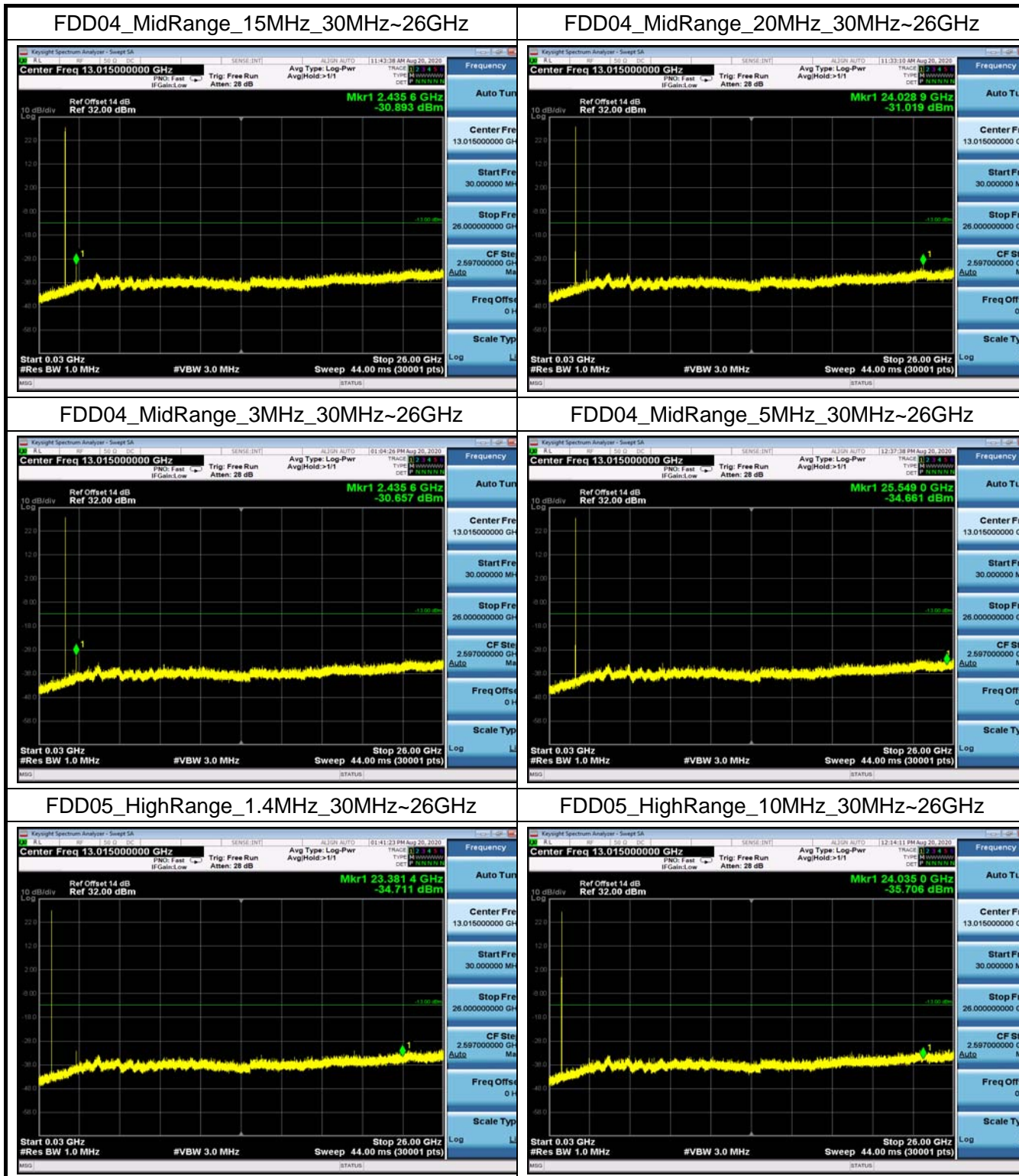
FDD04\_HighRange\_10MHz\_30MHz~26GHz



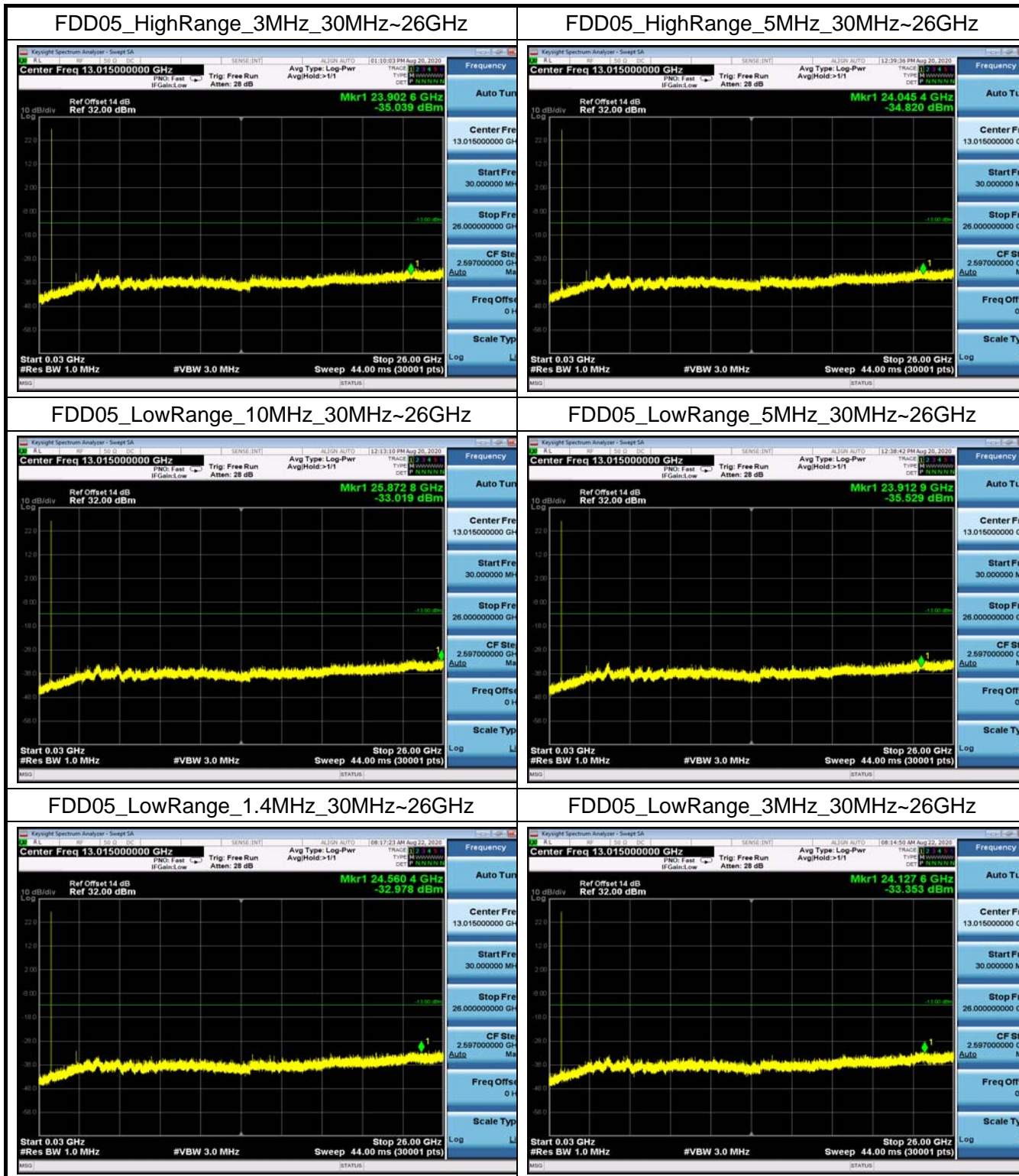


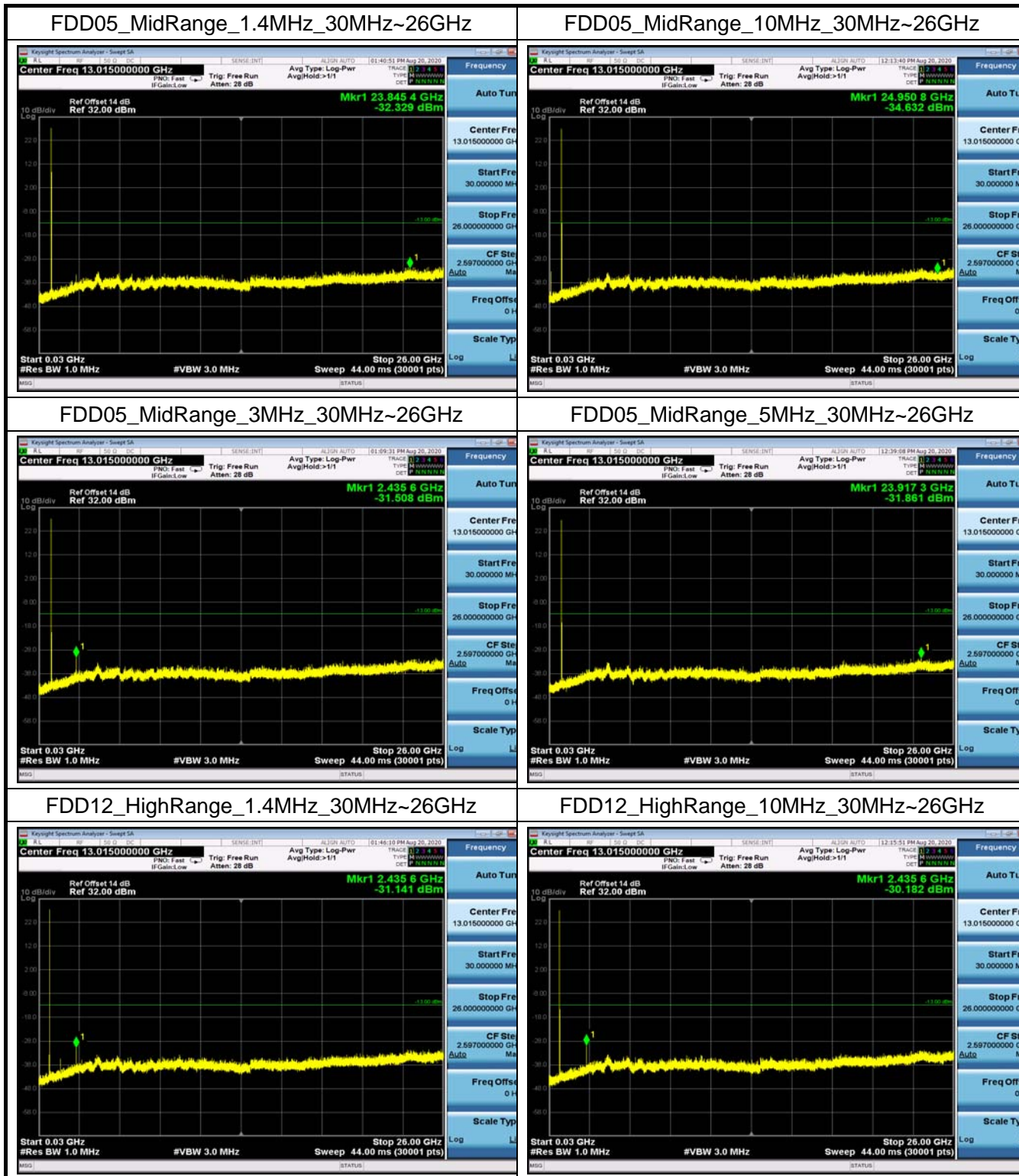


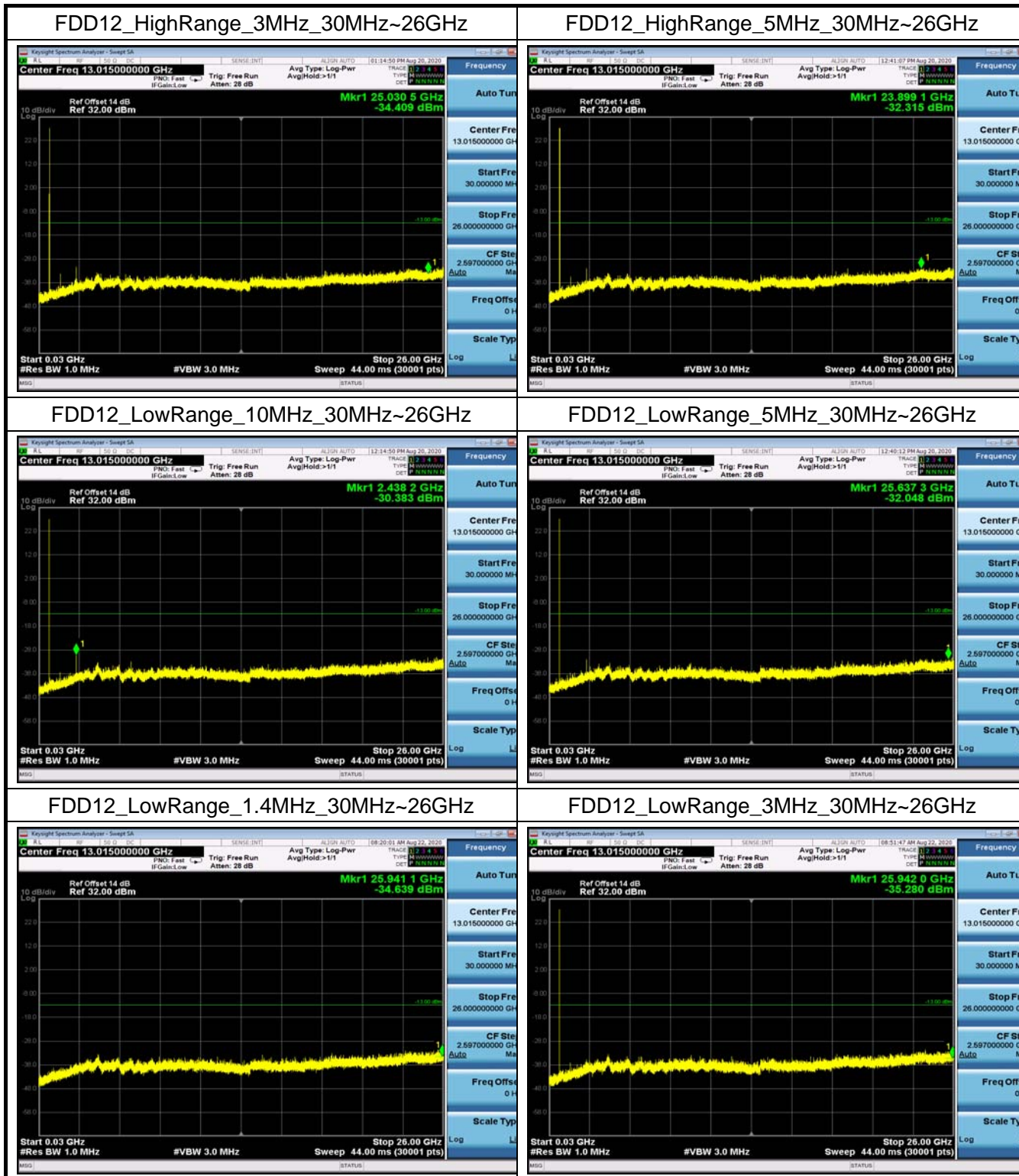






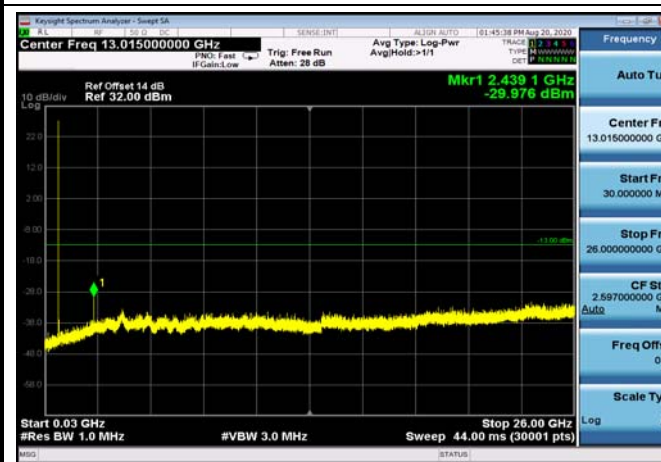




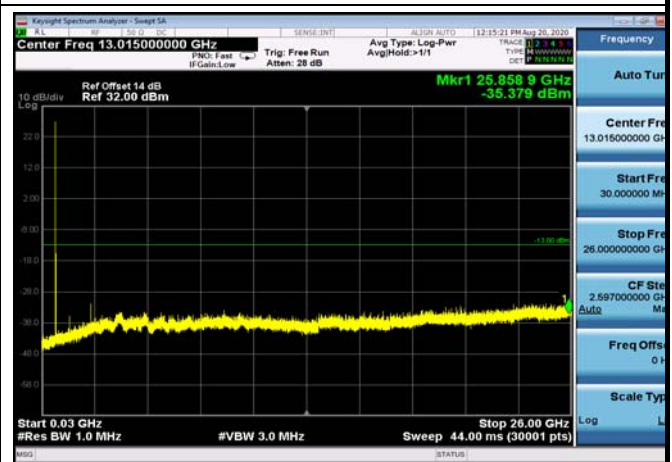




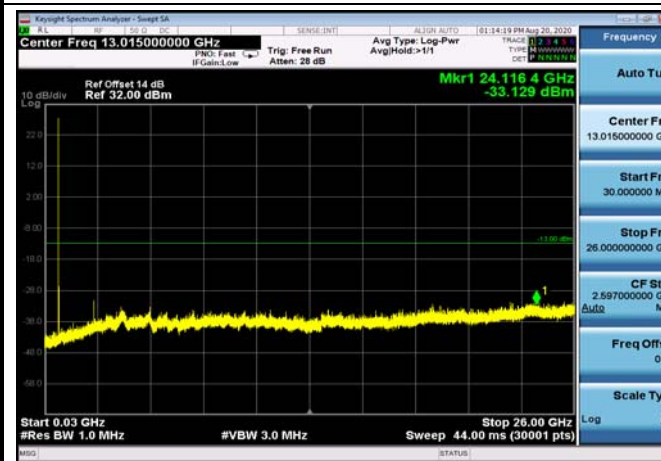
FDD12\_MidRange\_1.4MHz\_30MHz~26GHz



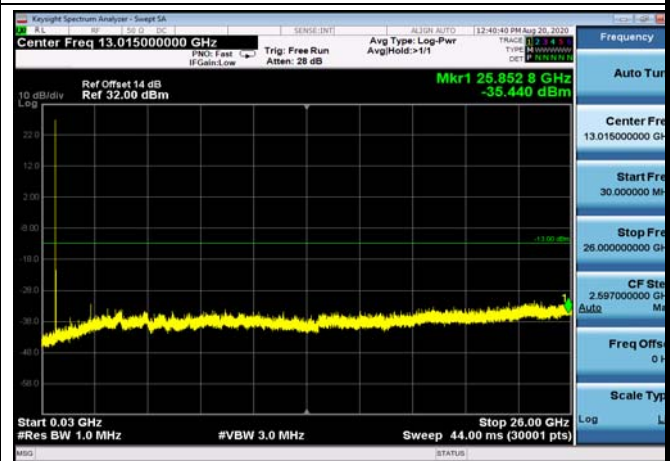
FDD12\_MidRange\_10MHz\_30MHz~26GHz



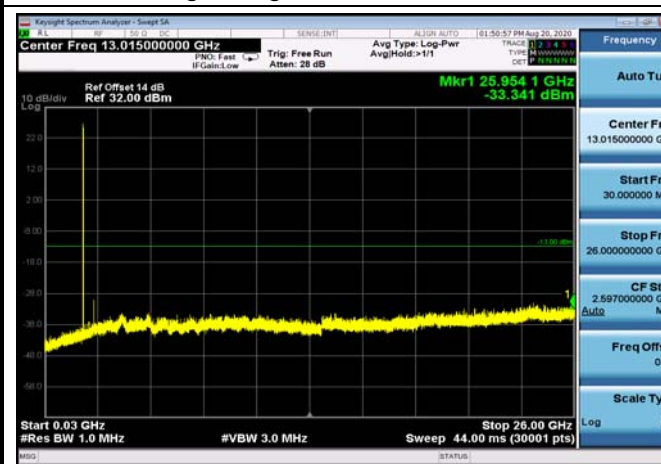
FDD12\_MidRange\_3MHz\_30MHz~26GHz



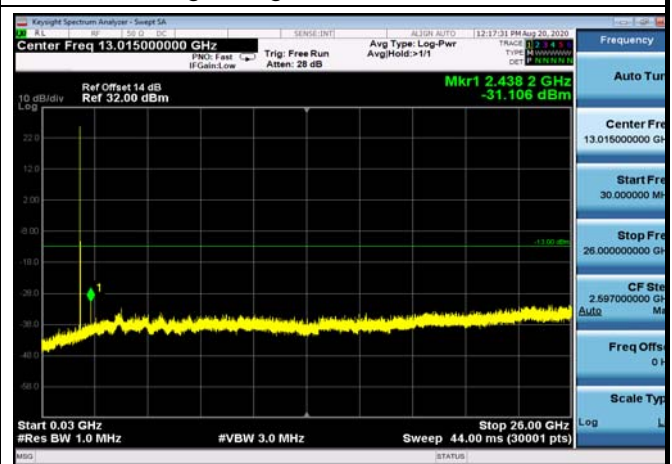
FDD12\_MidRange\_5MHz\_30MHz~26GHz



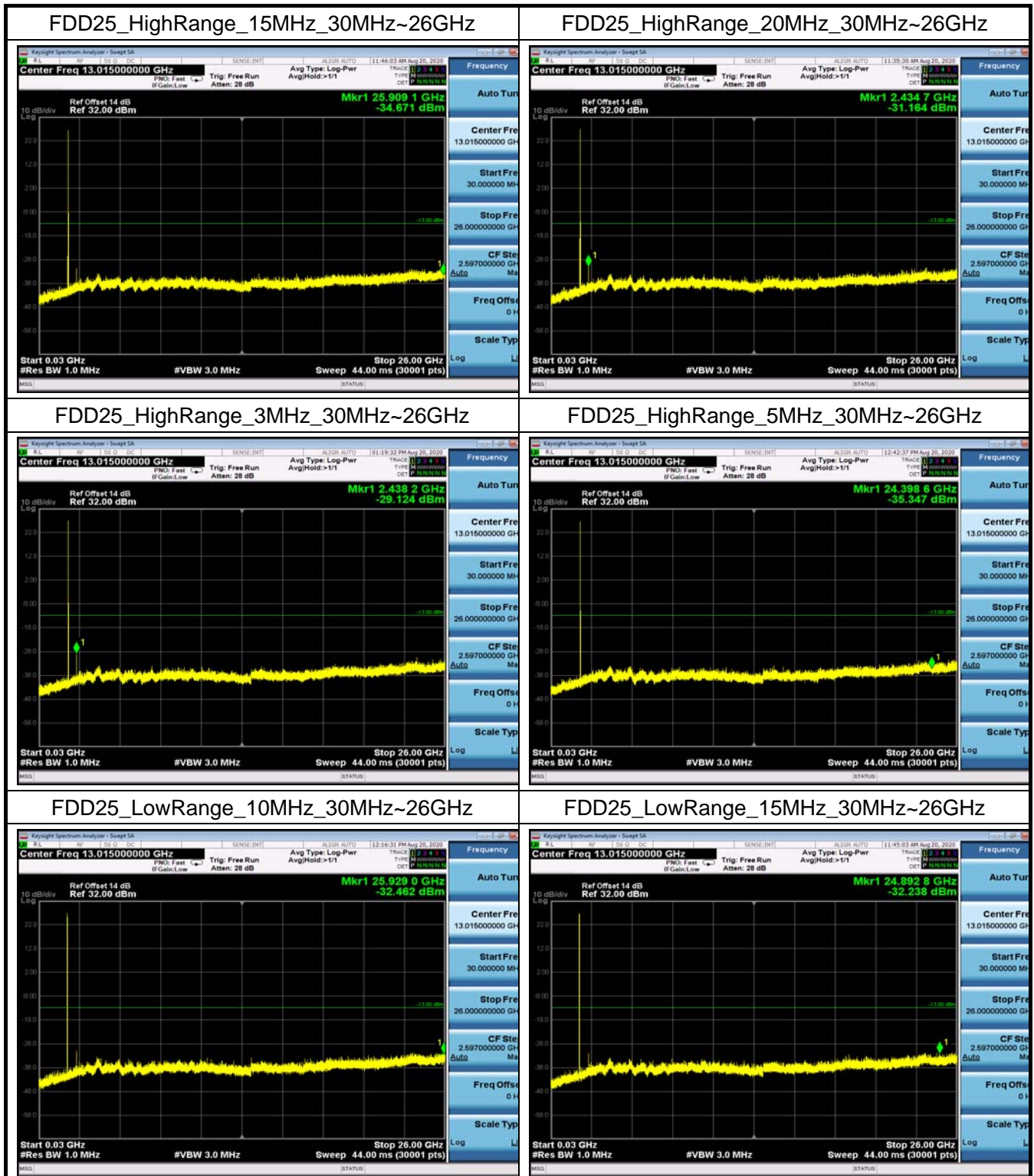
FDD25\_HighRange\_1.4MHz\_30MHz~26GHz

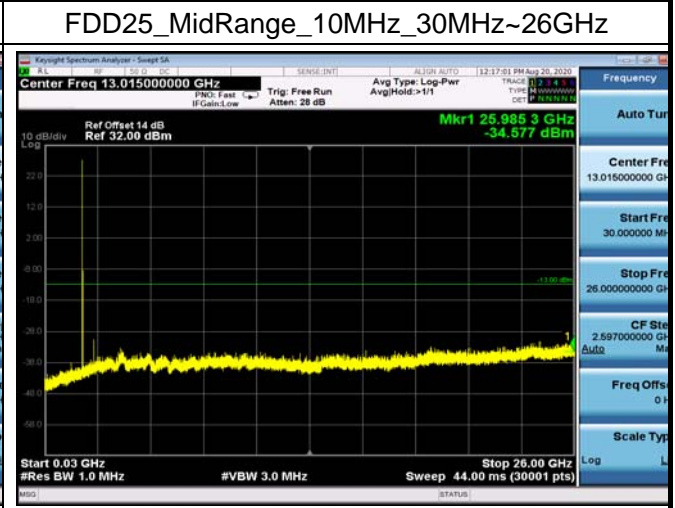
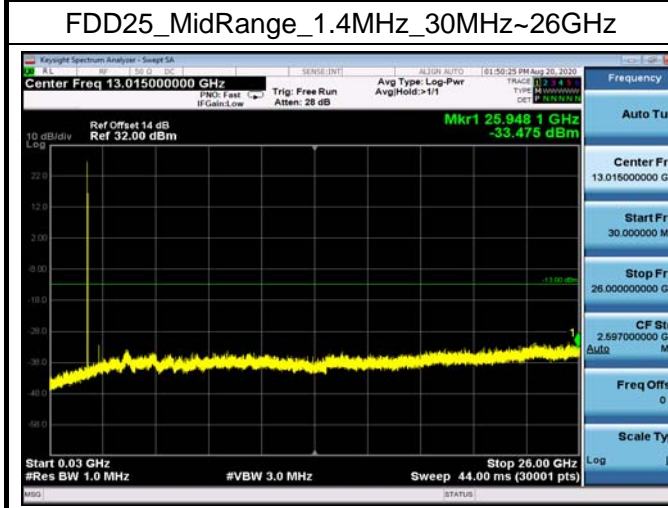
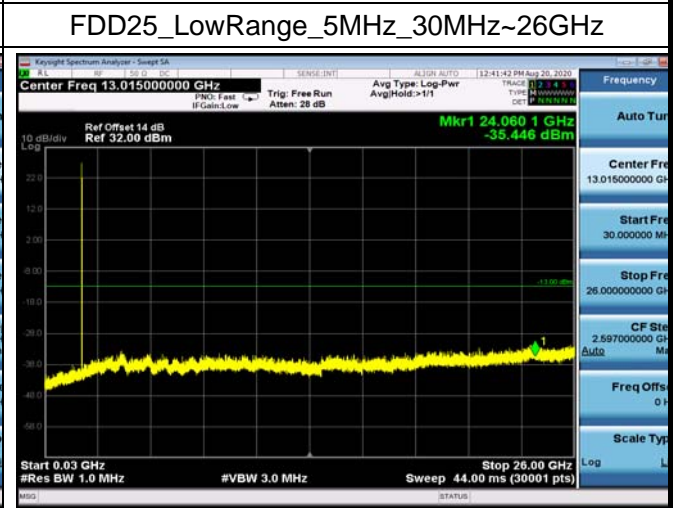
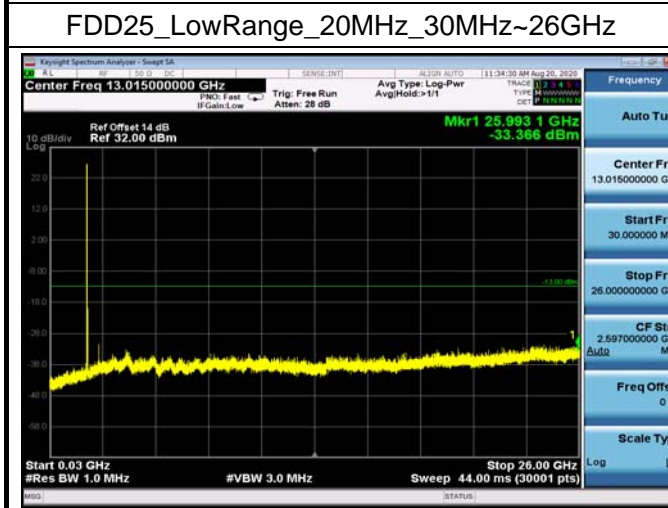
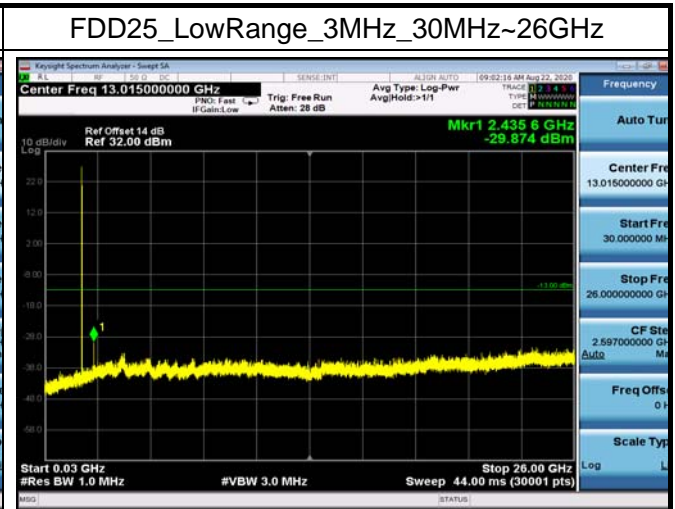
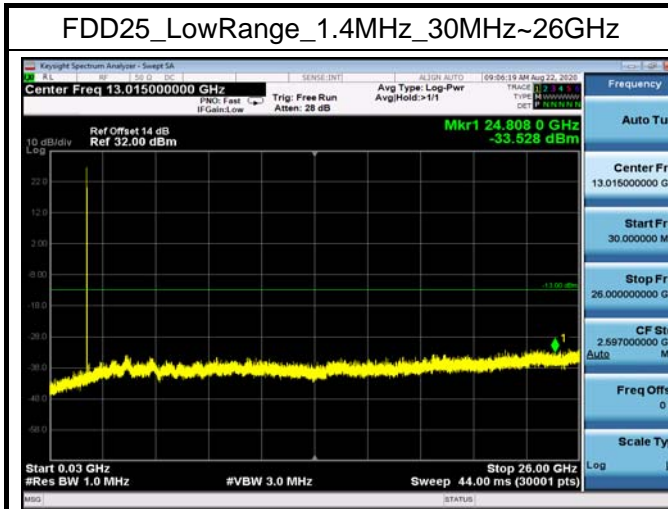


FDD25\_HighRange\_10MHz\_30MHz~26GHz

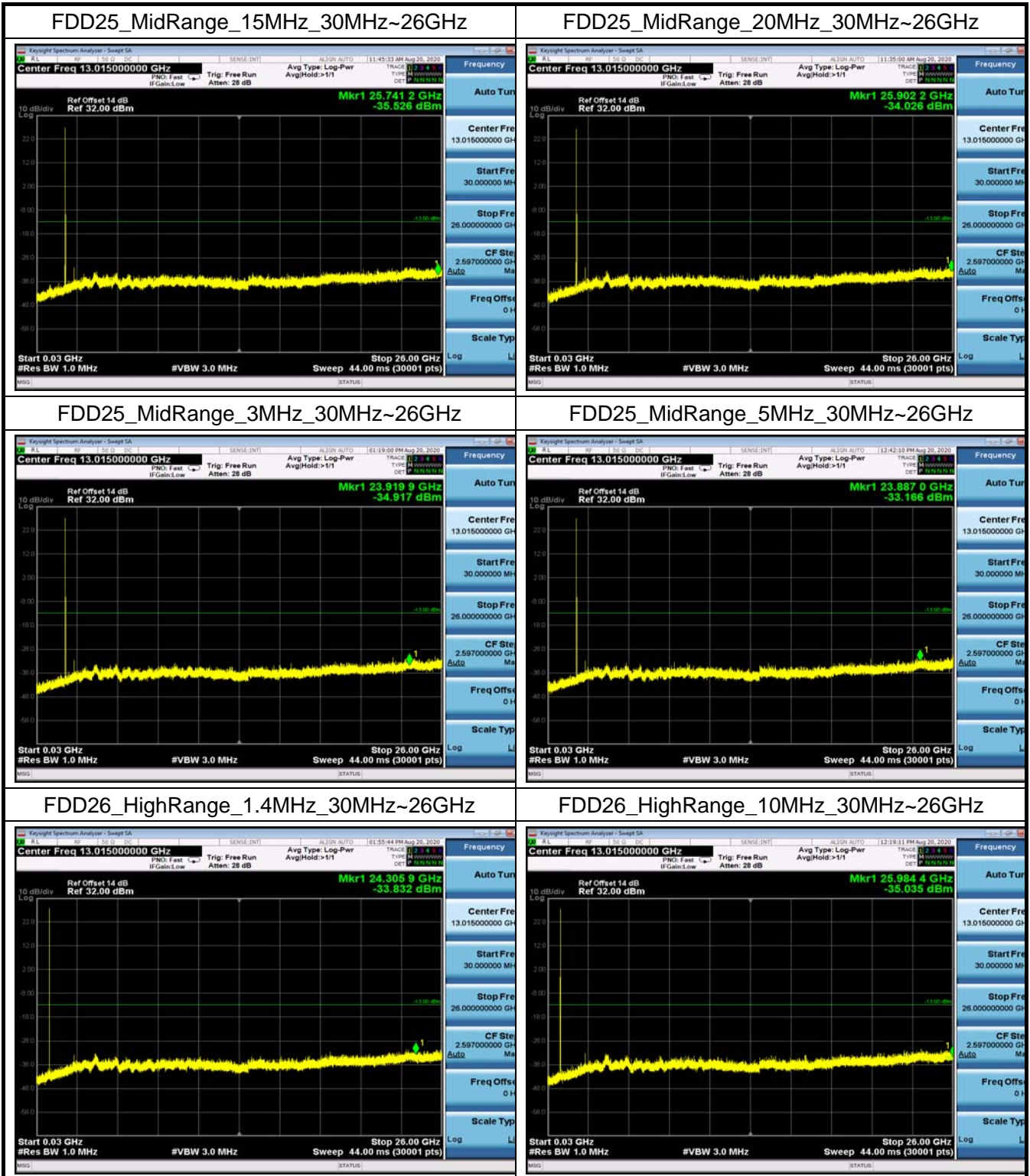


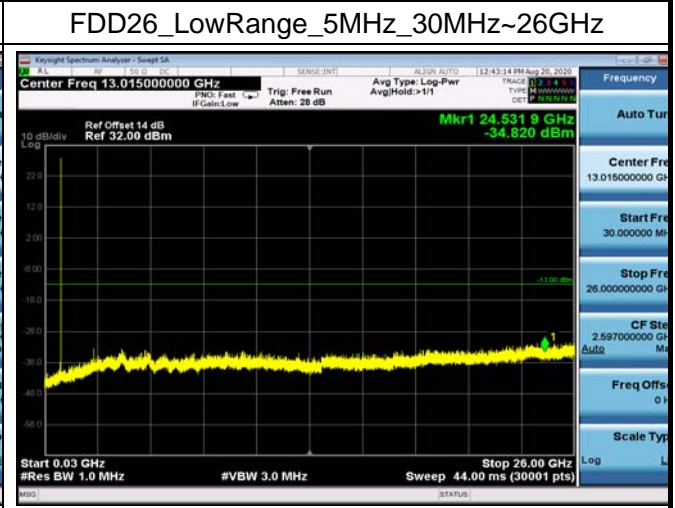
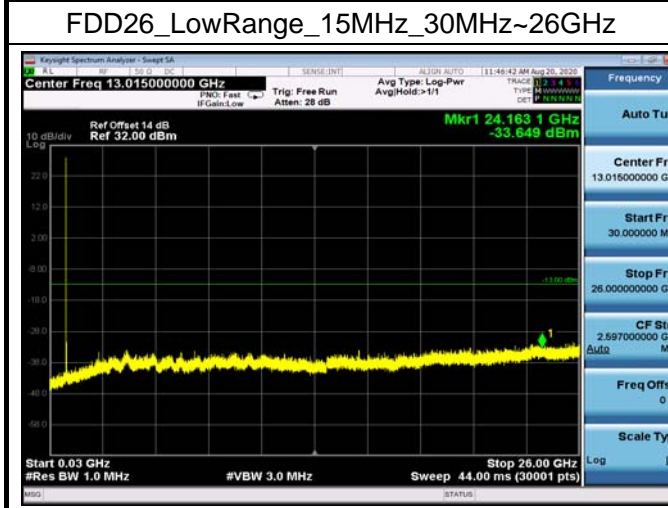
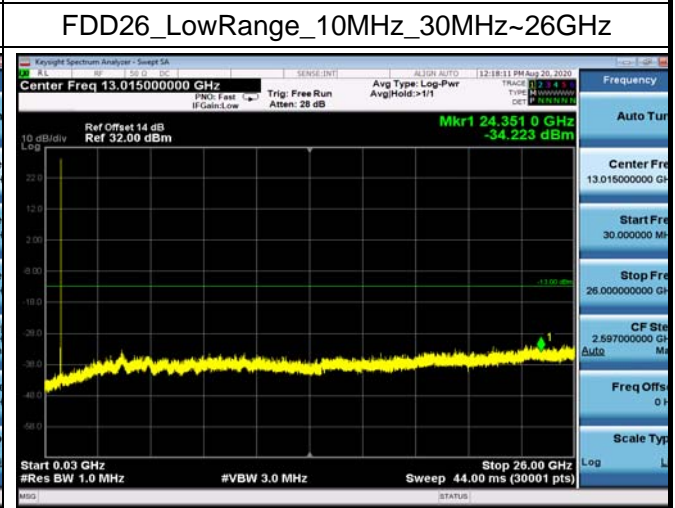
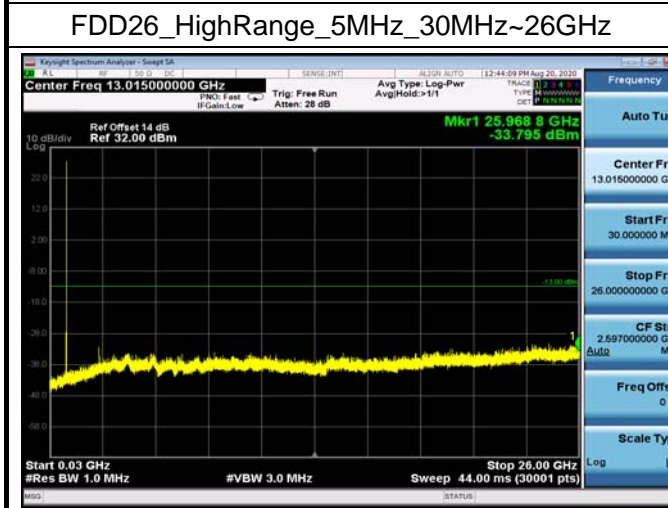
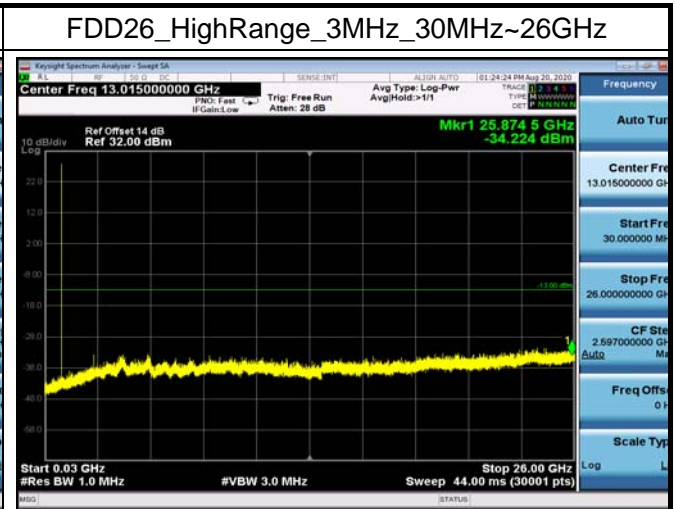
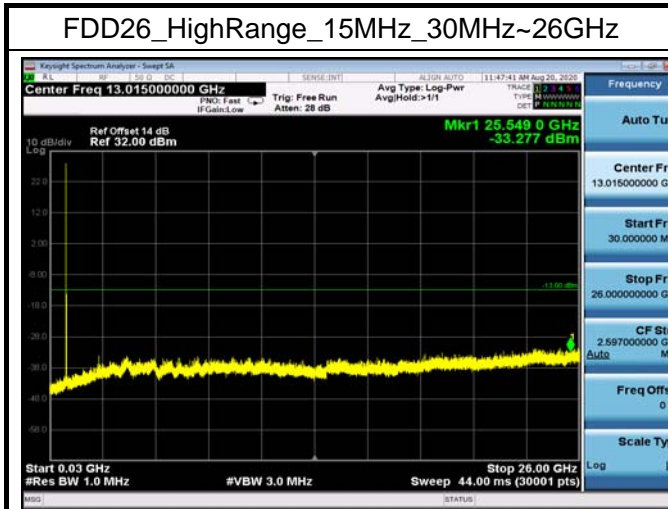


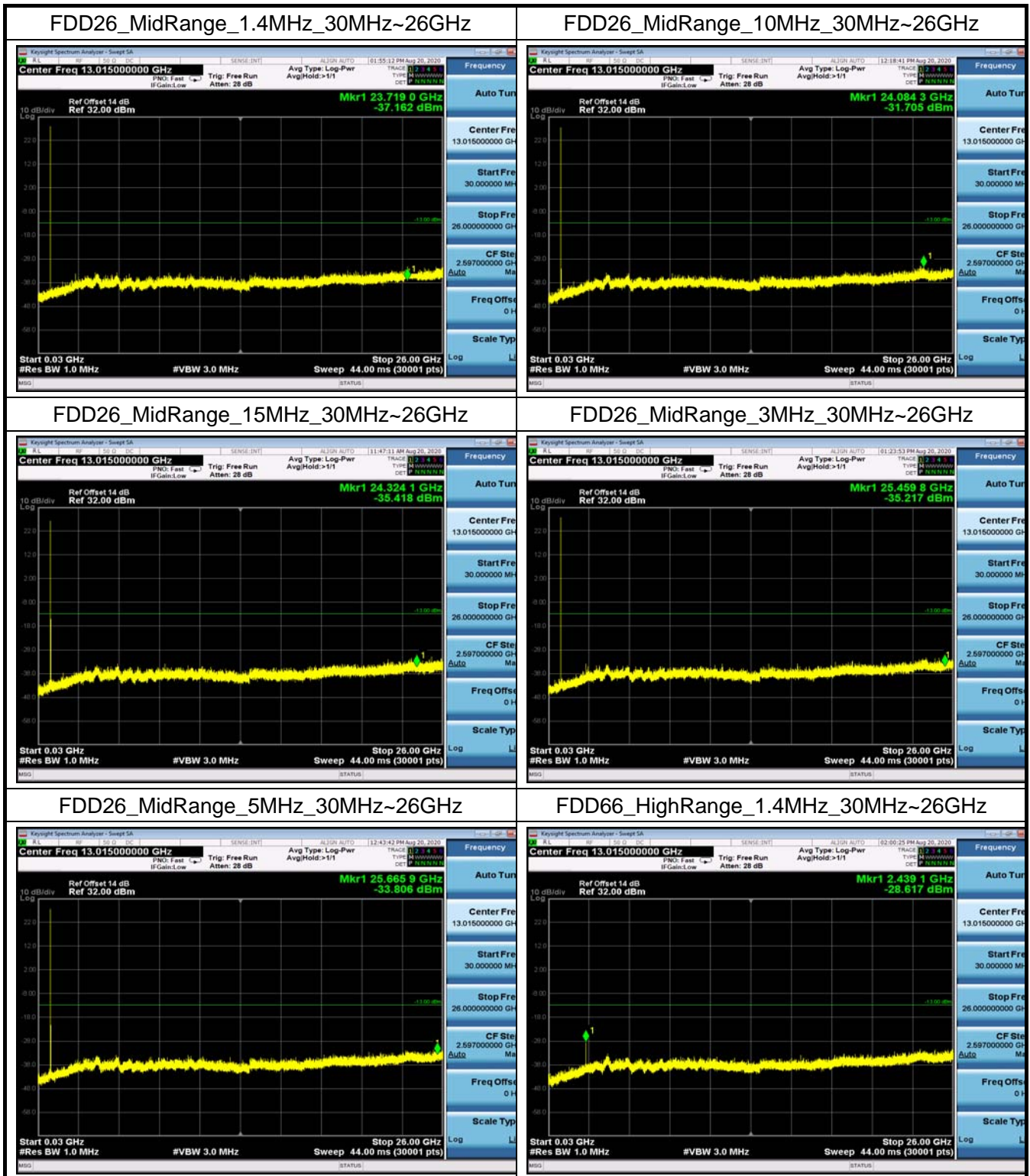






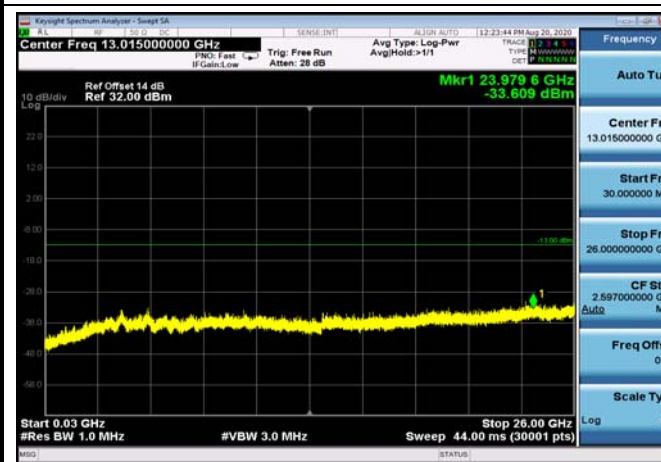




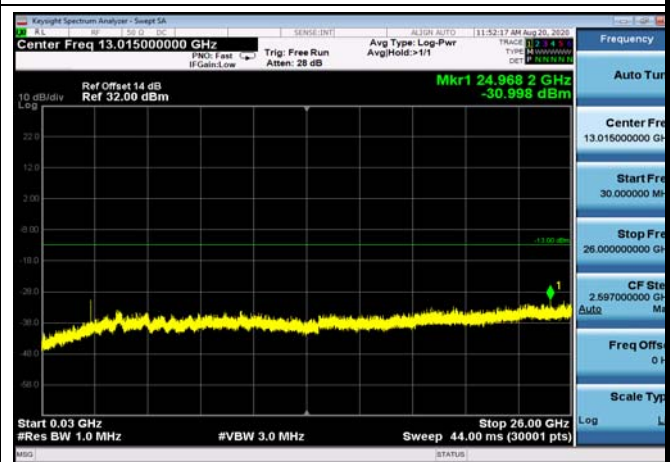




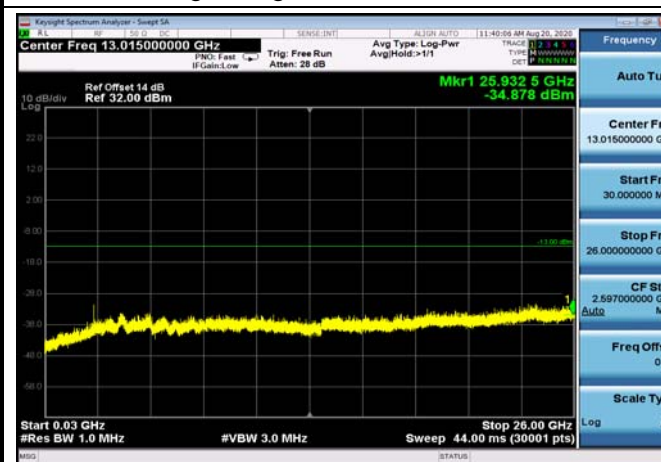
FDD66\_HighRange\_10MHz\_30MHz~26GHz



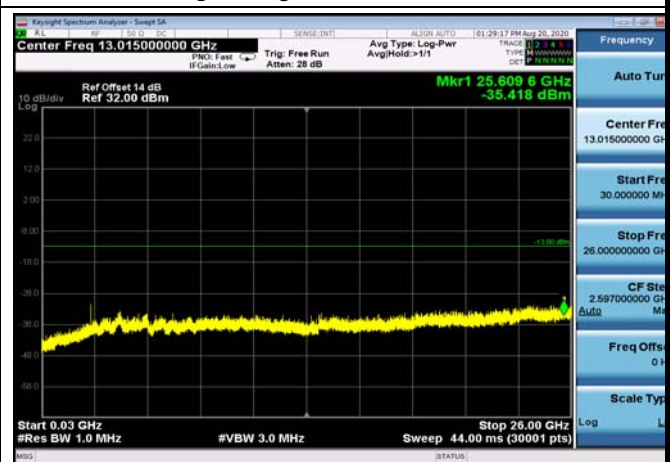
FDD66\_HighRange\_15MHz\_30MHz~26GHz



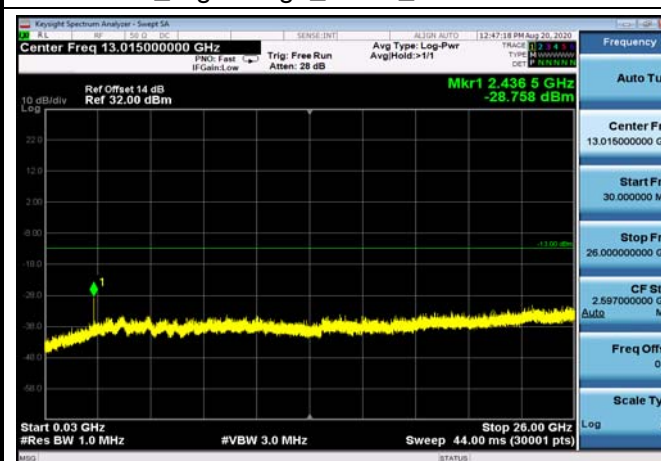
FDD66\_HighRange\_20MHz\_30MHz~26GHz



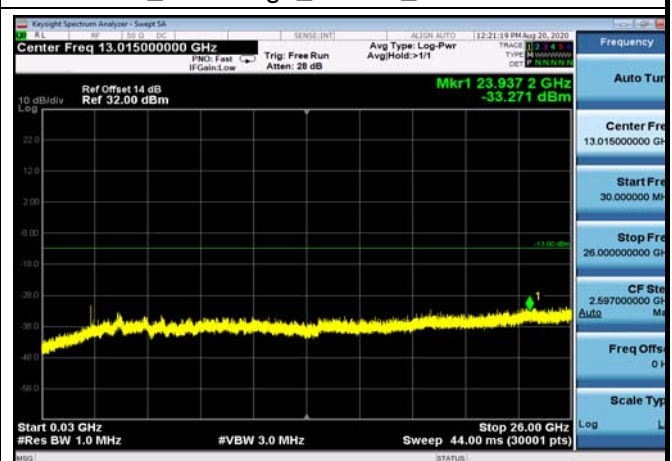
FDD66\_HighRange\_3MHz\_30MHz~26GHz



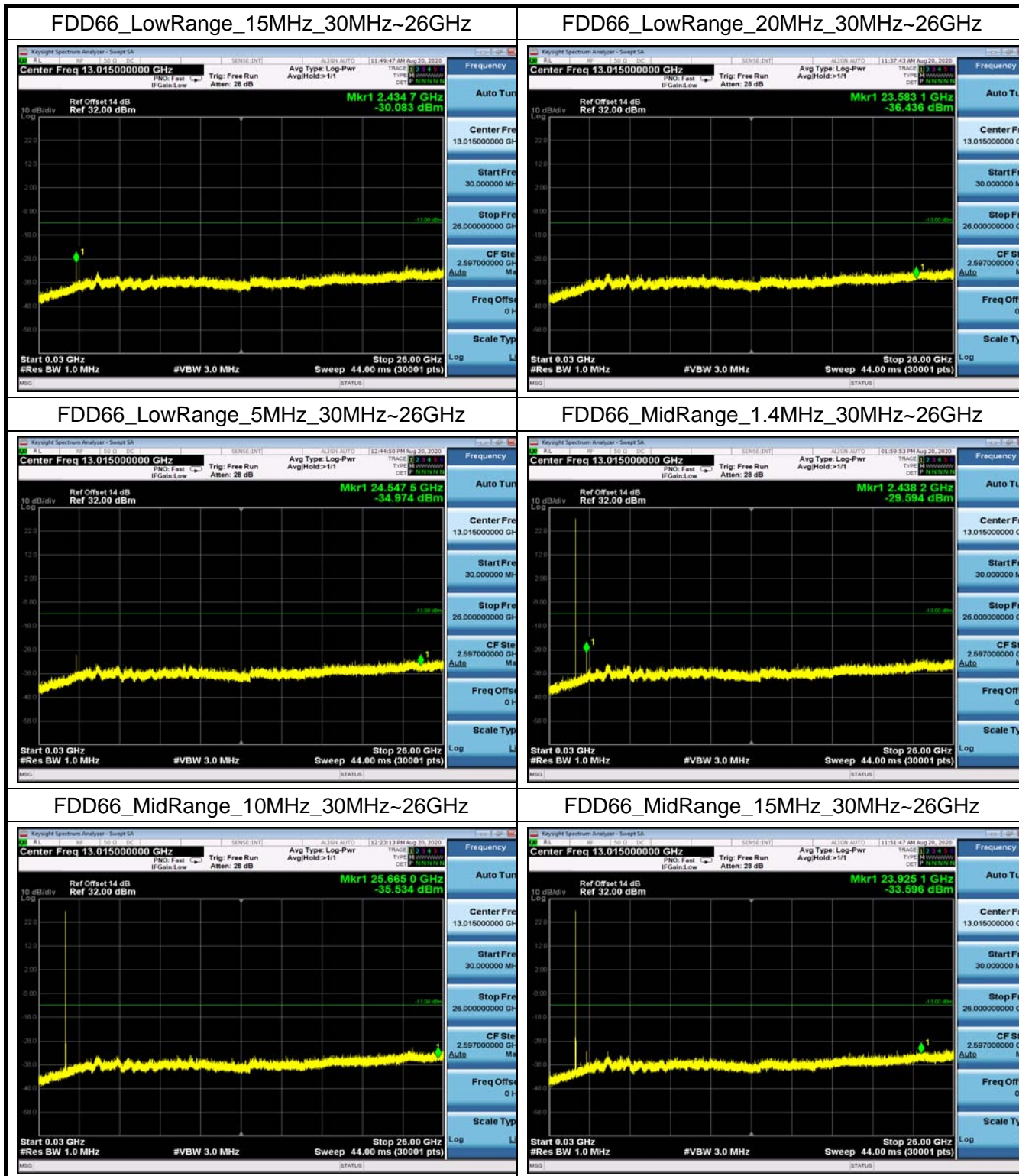
FDD66\_HighRange\_5MHz\_30MHz~26GHz

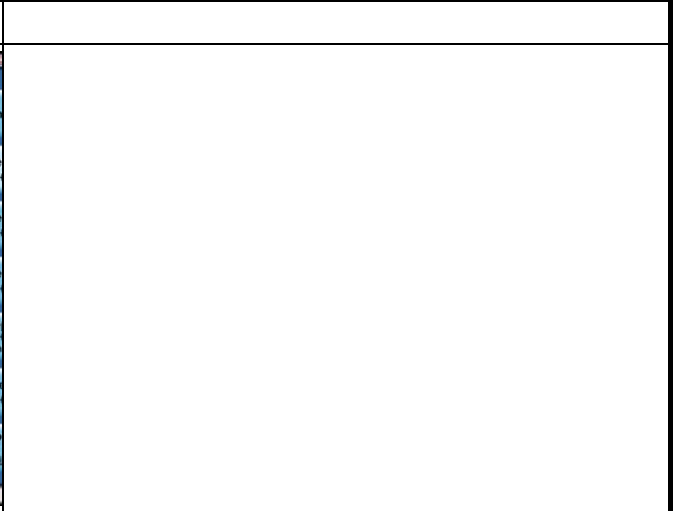
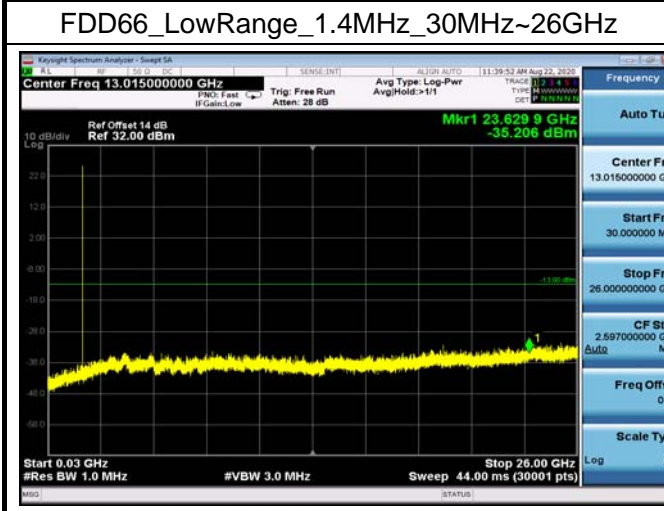
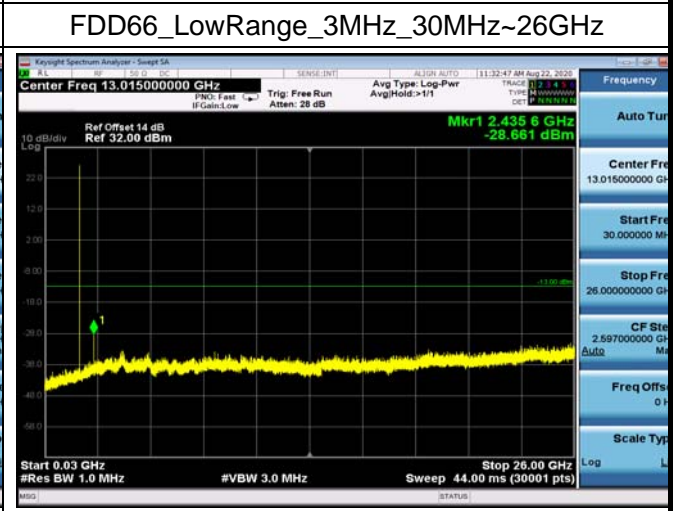
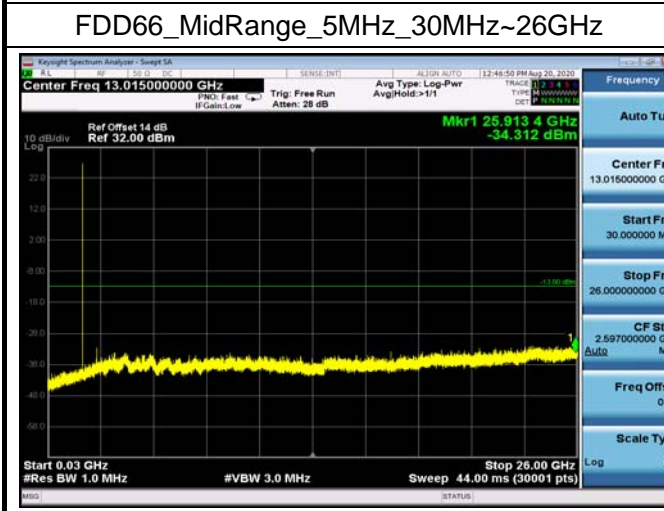
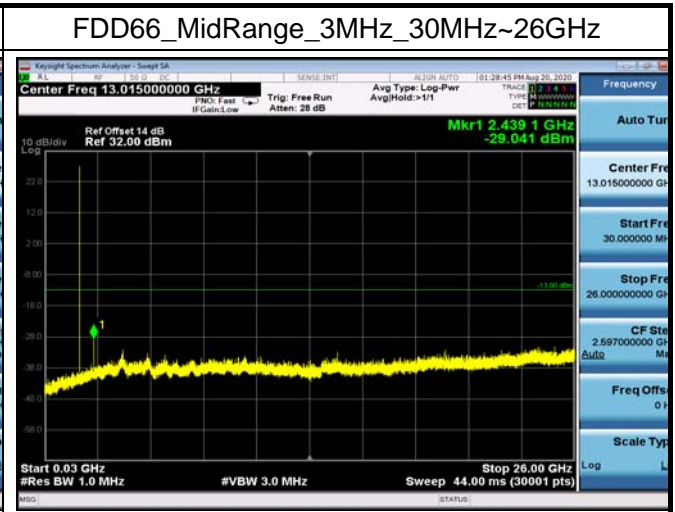
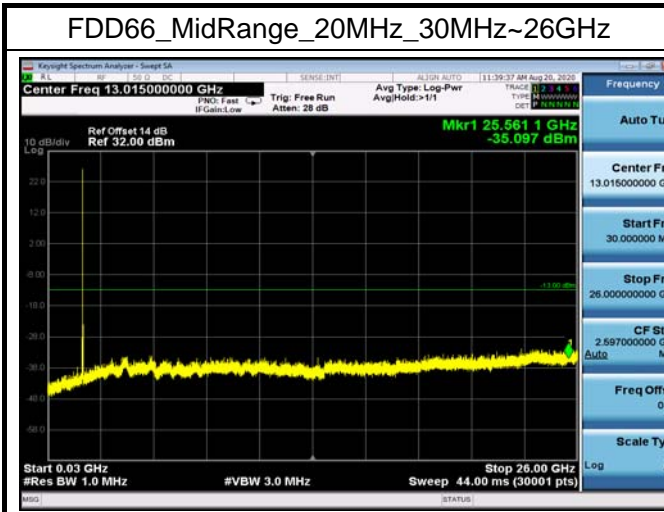


FDD66\_LowRange\_10MHz\_30MHz~26GHz









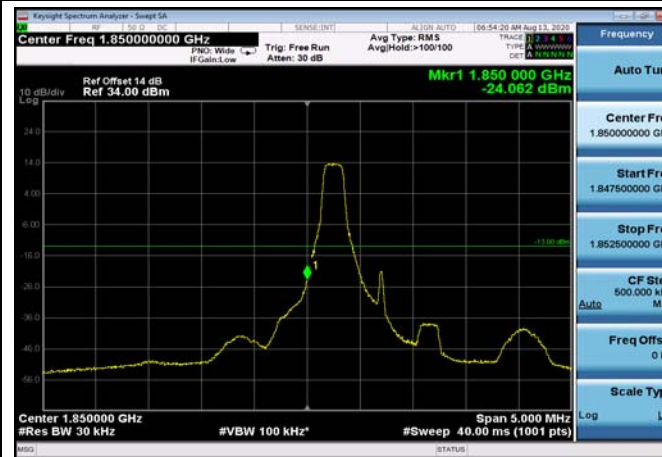




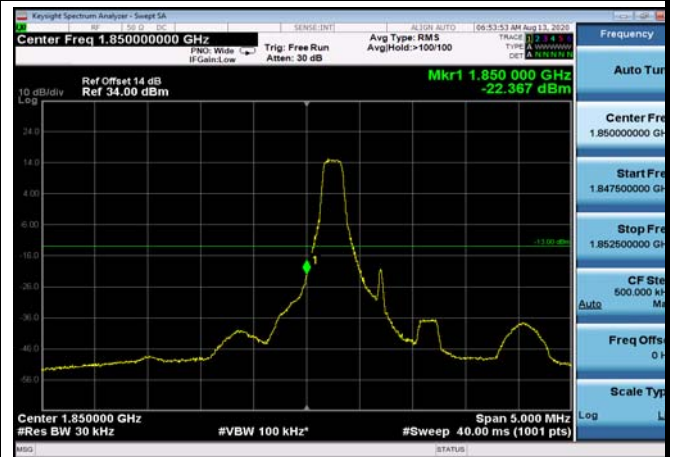
# Conducted Band Edge

## Test Result and Data

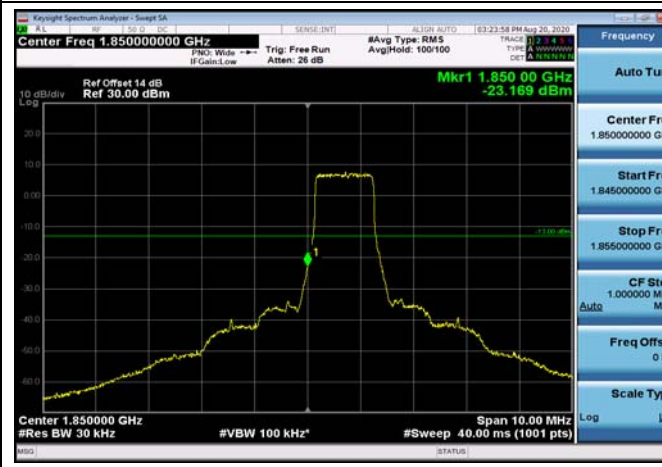
LowRange\_FDD02\_1.4MHz\_1850.7\_OneRB  
\_low\_QPSK



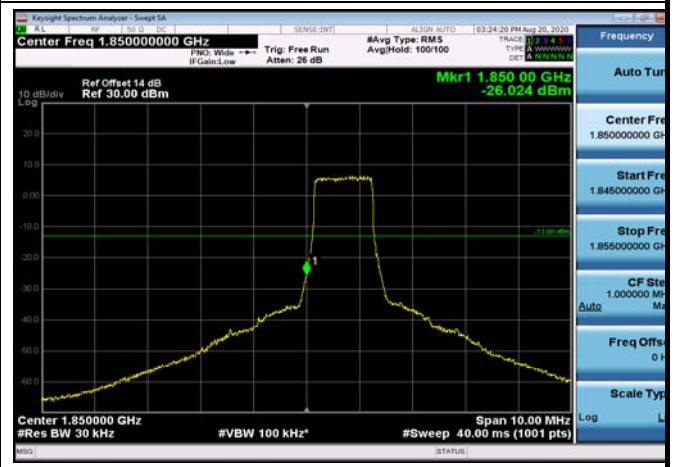
LowRange\_FDD02\_1.4MHz\_1850.7\_OneRB  
\_low\_Q16



LowRange\_FDD02\_1.4MHz\_1850.7\_fullRB  
\_Low\_QPSK

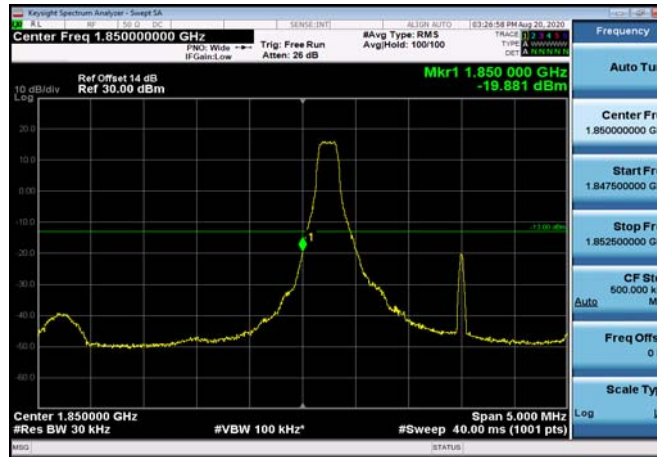


LowRange\_FDD02\_1.4MHz\_1850.7\_fullRB  
\_Low\_Q16

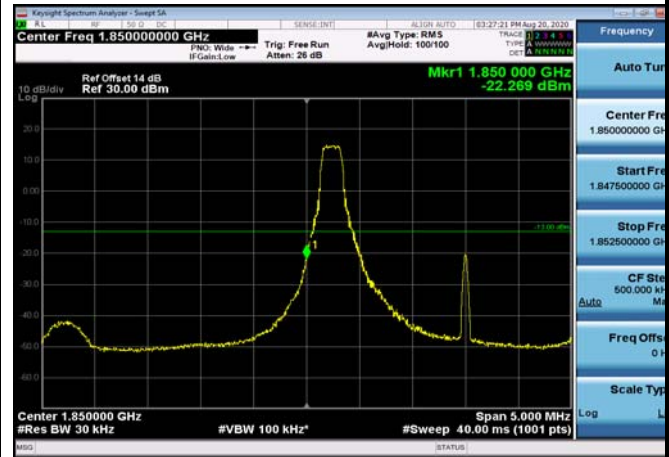




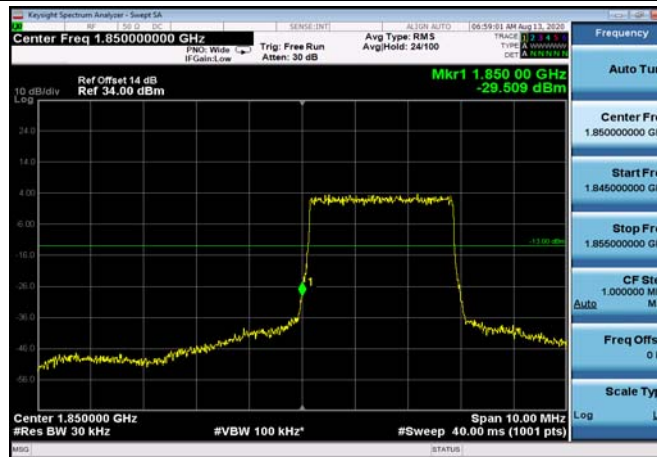
LowRange\_FDD02\_3MHz\_1851.5\_OneRB  
\_low\_QPSK



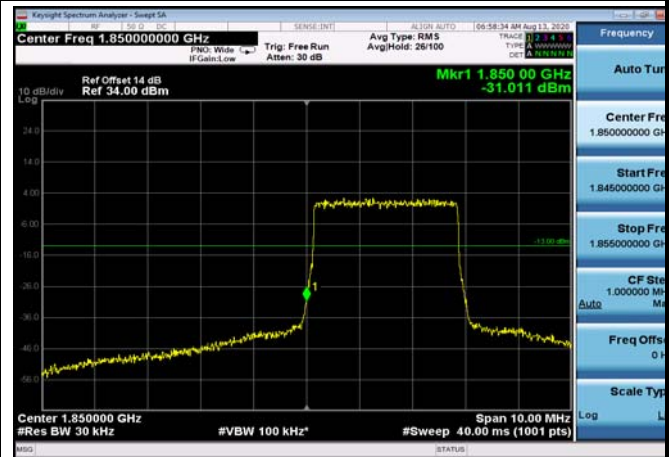
LowRange\_FDD02\_3MHz\_1851.5\_OneRB  
\_low\_Q16



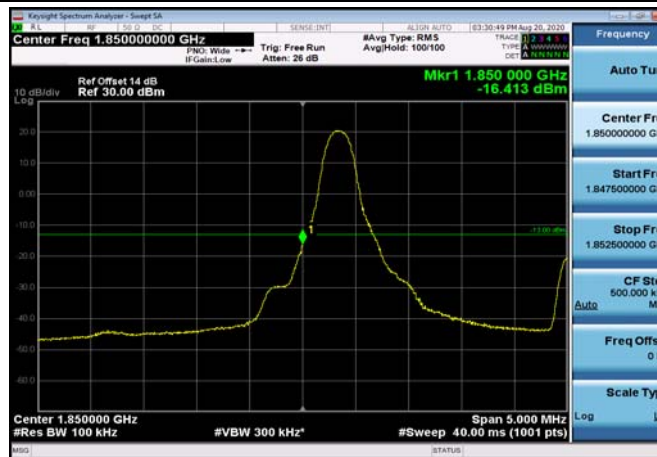
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\_Low\_QPSK



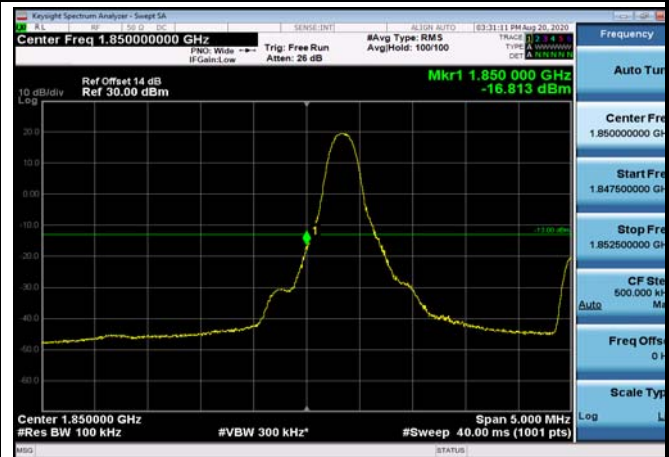
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\_Low\_Q16



LowRange\_FDD02\_5MHz\_1852.5\_OneRB  
\_low\_QPSK

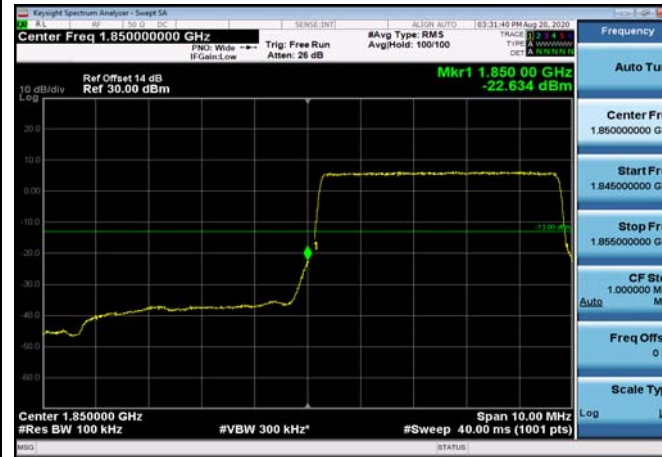


LowRange\_FDD02\_5MHz\_1852.5\_OneRB  
\_low\_Q16





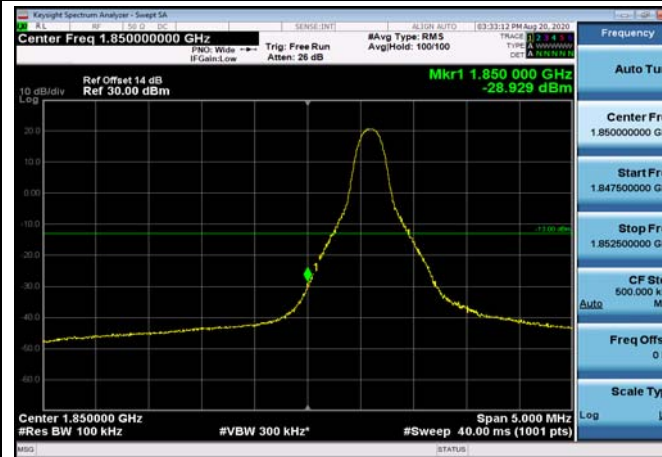
LowRange\_FDD02\_5MHz\_1852.5\_fullRB  
\_Low\_QPSK



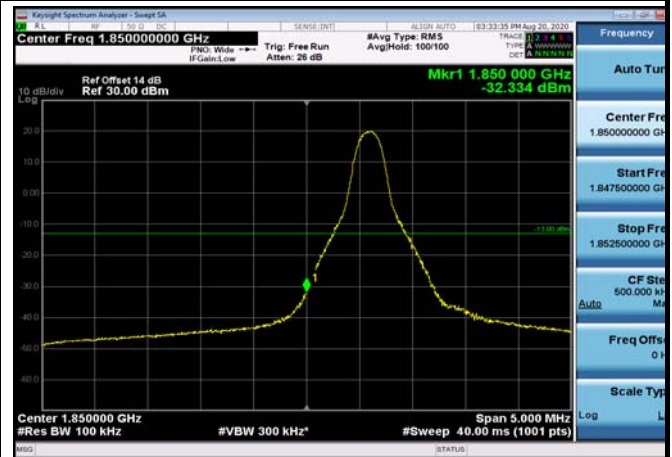
LowRange\_FDD02\_5MHz\_1852.5\_fullRB  
\_Low\_Q16



LowRange\_FDD02\_10MHz\_1855\_OneRB  
\_low\_QPSK



LowRange\_FDD02\_10MHz\_1855\_OneRB  
\_low\_Q16



LowRange\_FDD02\_10MHz\_1855\_fullRB  
\_Low\_QPSK



LowRange\_FDD02\_10MHz\_1855\_fullRB  
\_Low\_Q16

