

Figure 296: 64QAM 40MHz B.W.; 2516.0MHz, 30kHz

Figure 297: 64QAM 40MHz B.W.; 2670.0MHz, 30kHz

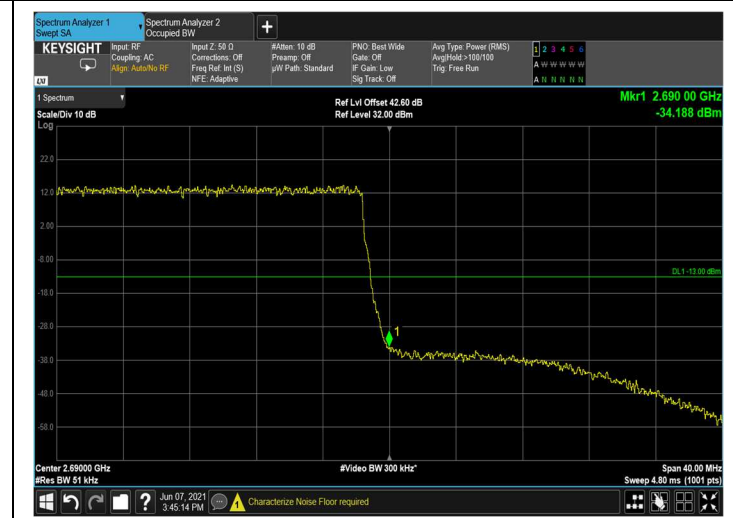
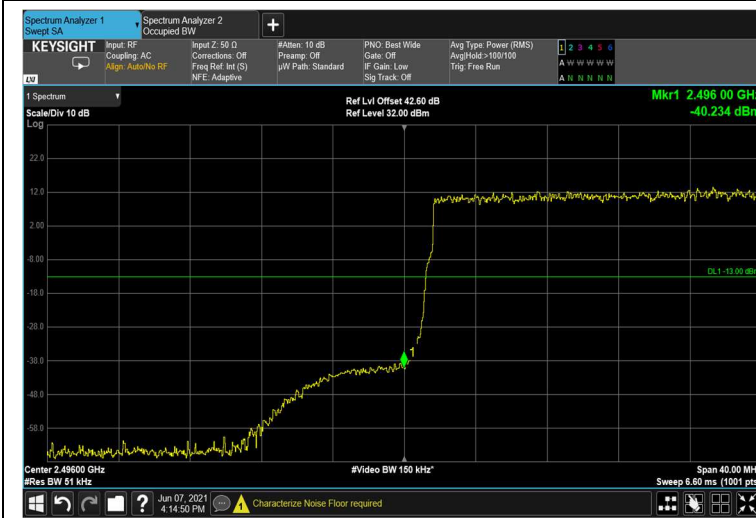
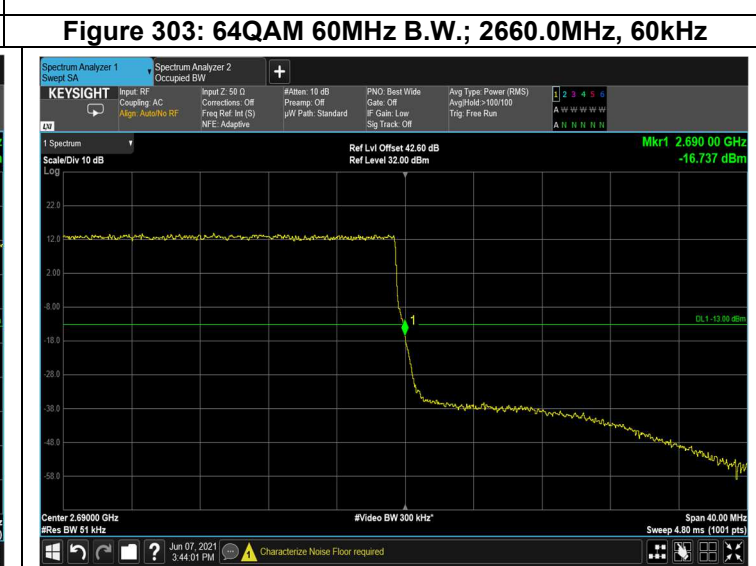
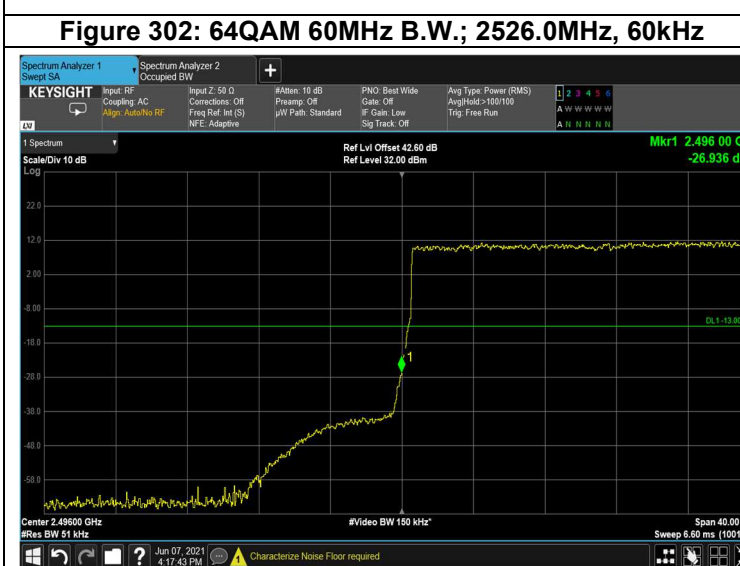
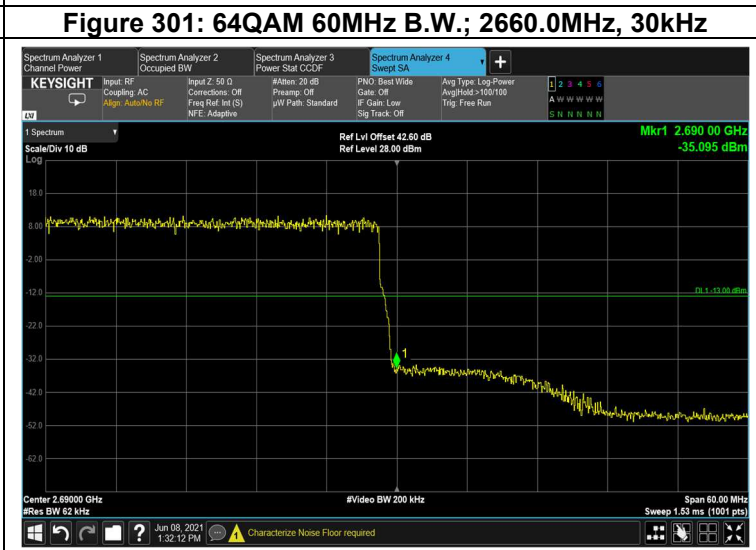
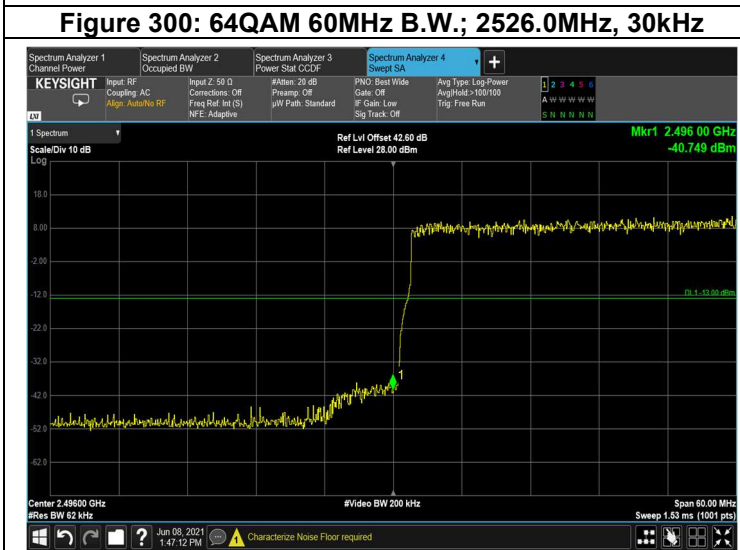
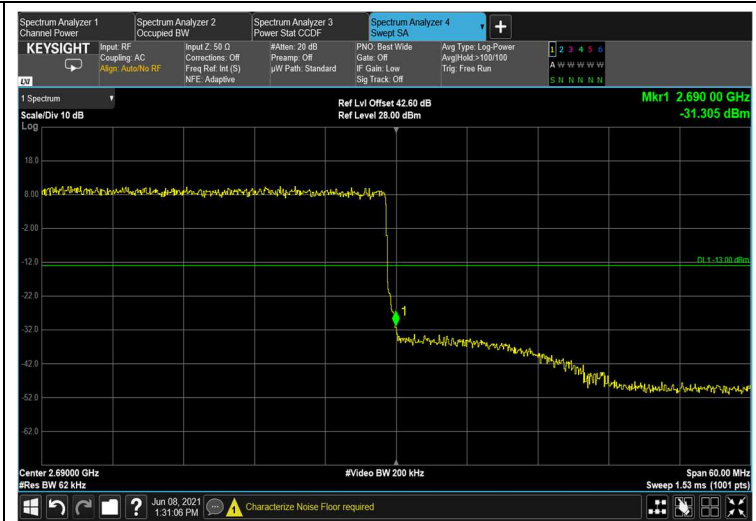
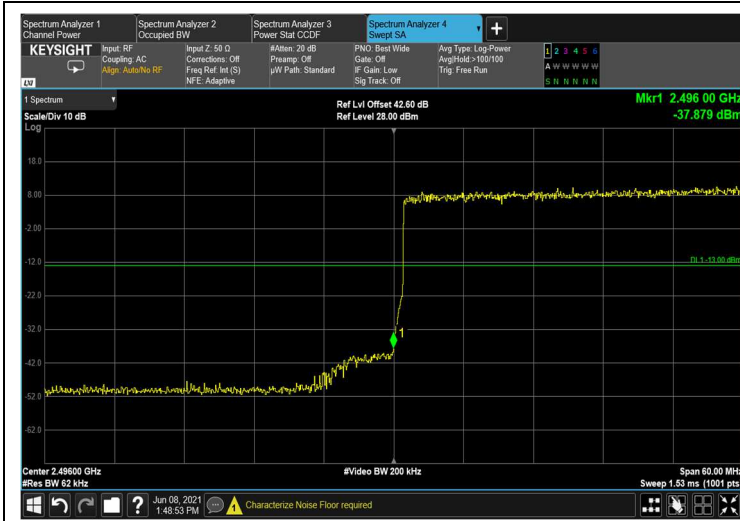
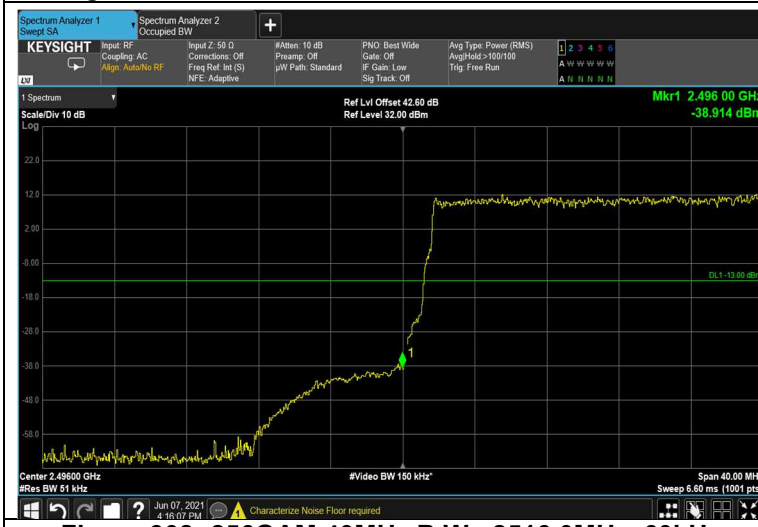
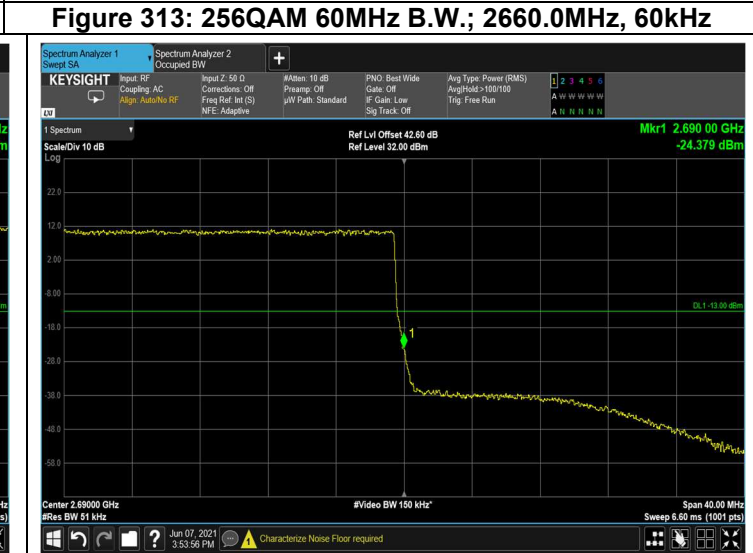
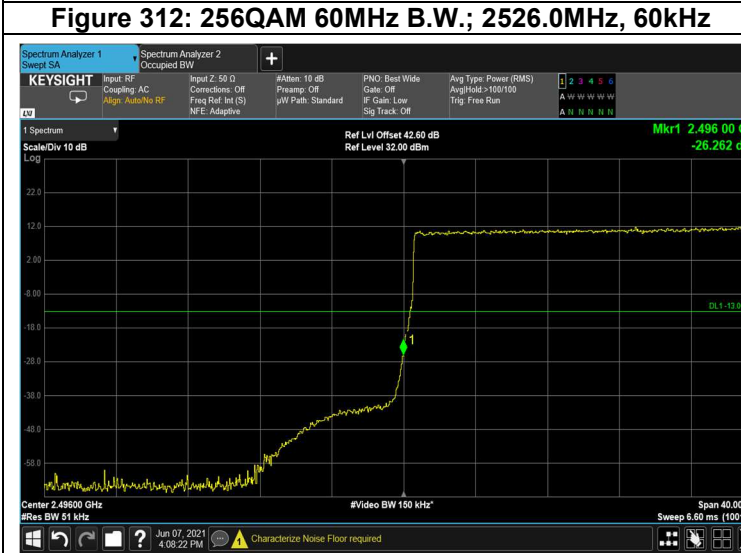
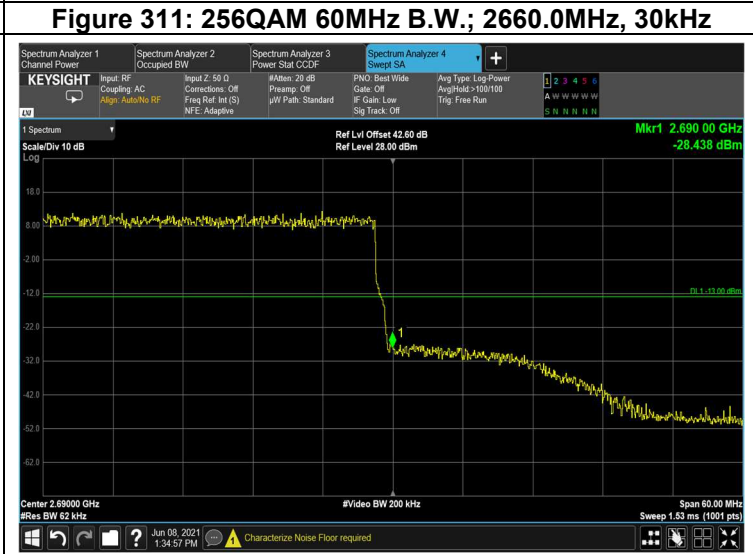
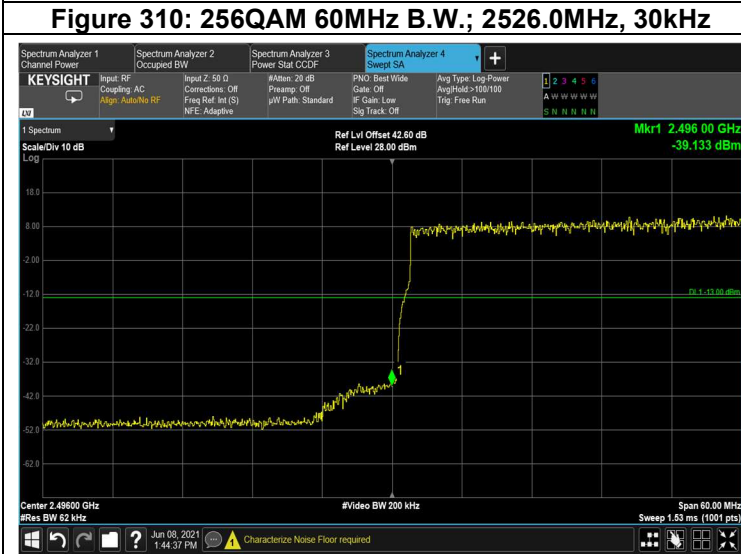
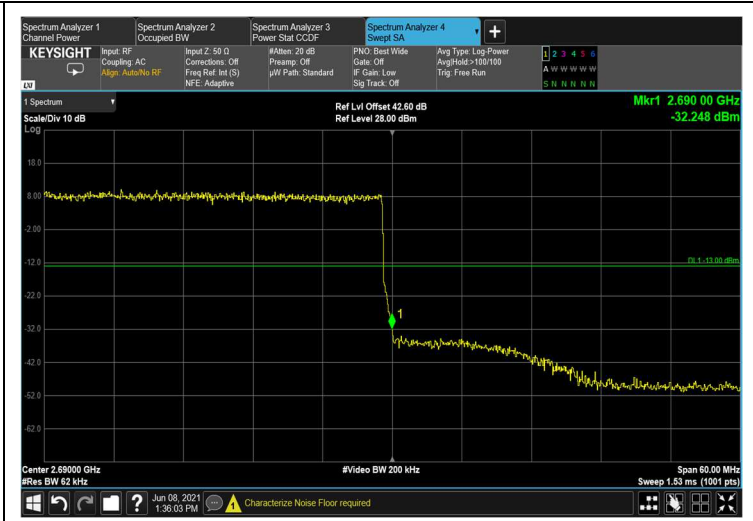
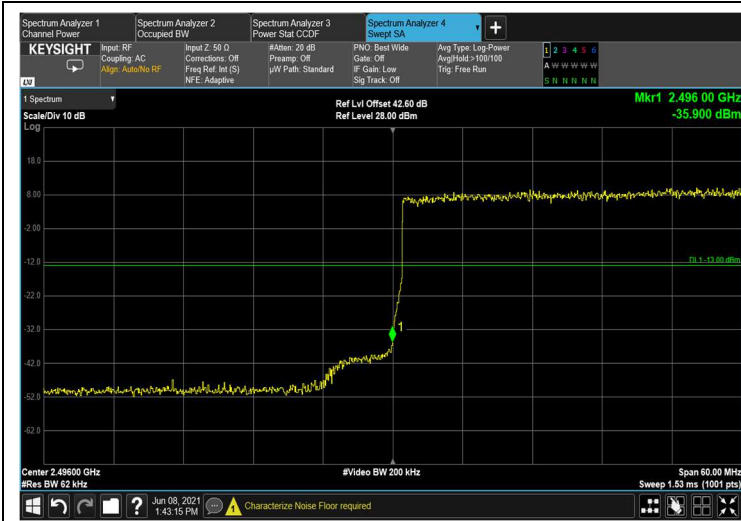


Figure 298: 64QAM 40MHz B.W.; 2516.0MHz, 60kHz

Figure 299: 64QAM 40MHz B.W.; 2670.0MHz, 60kHz







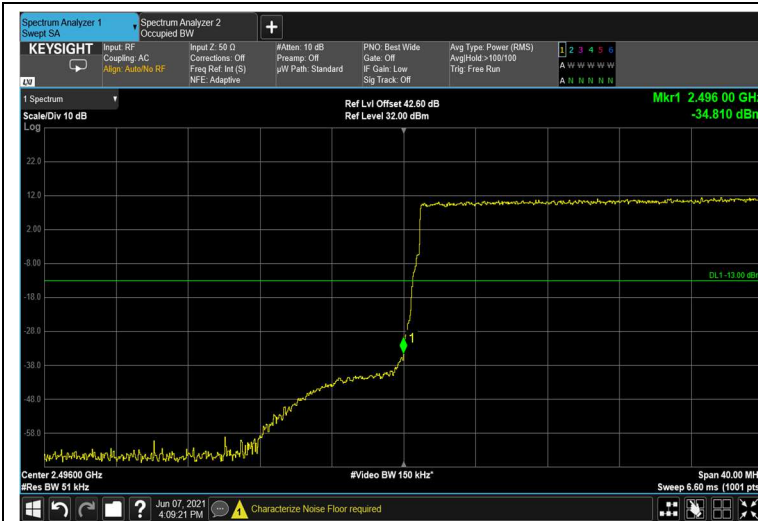


Figure 316: QPSK 40MHz B.W.; 2516.0MHz, 30kHz

Figure 317: QPSK 40MHz B.W.; 2670.0MHz, 30kHz

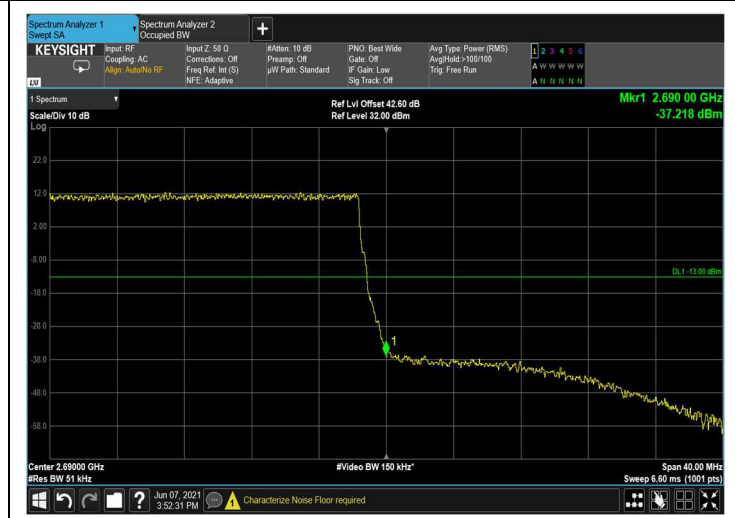
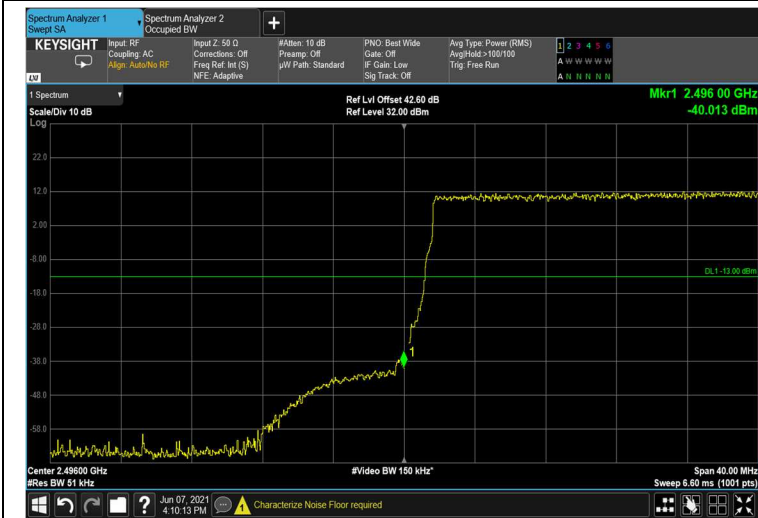


Figure 318: QPSK 40MHz B.W.; 2516.0MHz, 60kHz

Figure 319: QPSK 40MHz B.W.; 2670.0MHz, 60kHz

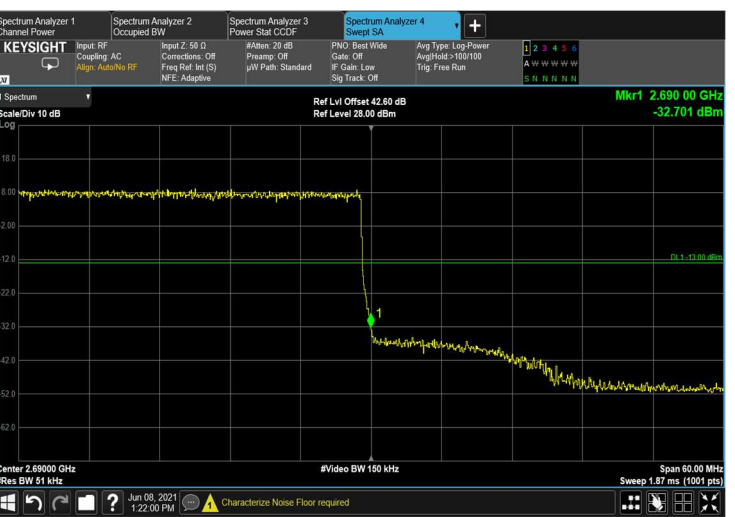
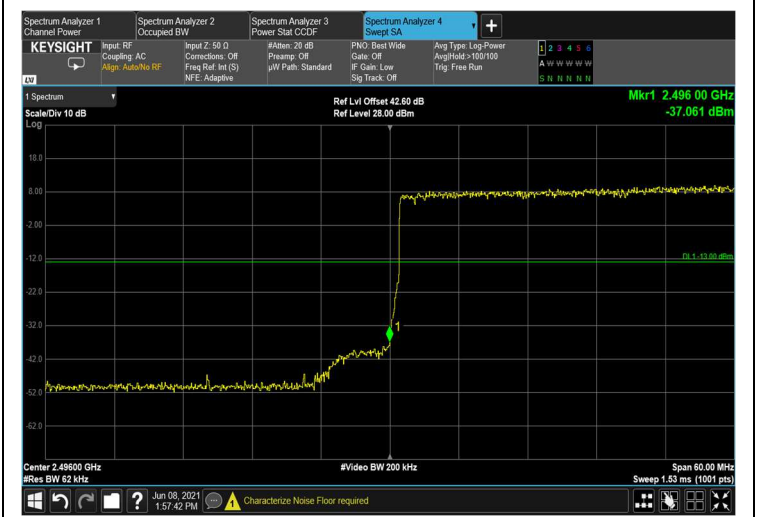


Figure 320: QPSK 60MHz B.W.; 2526.0MHz, 30kHz

Figure 321: QPSK 60MHz B.W.; 2660.0MHz, 30kHz

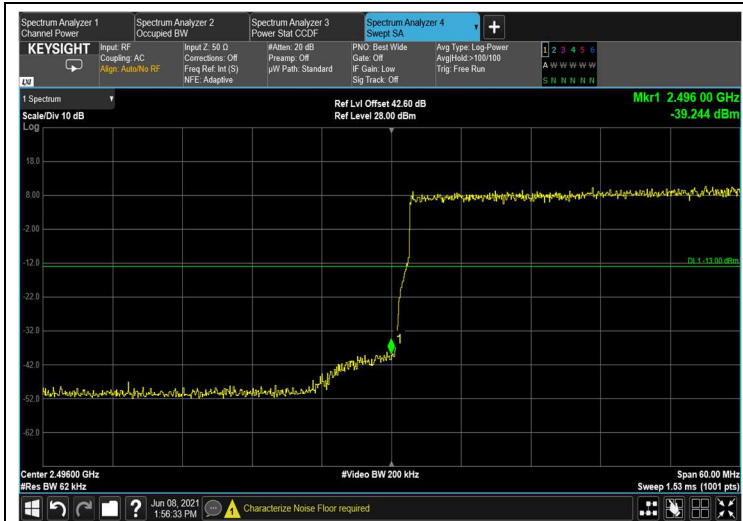


Figure 322: QPSK 60MHz B.W.; 2526.0MHz, 60kHz

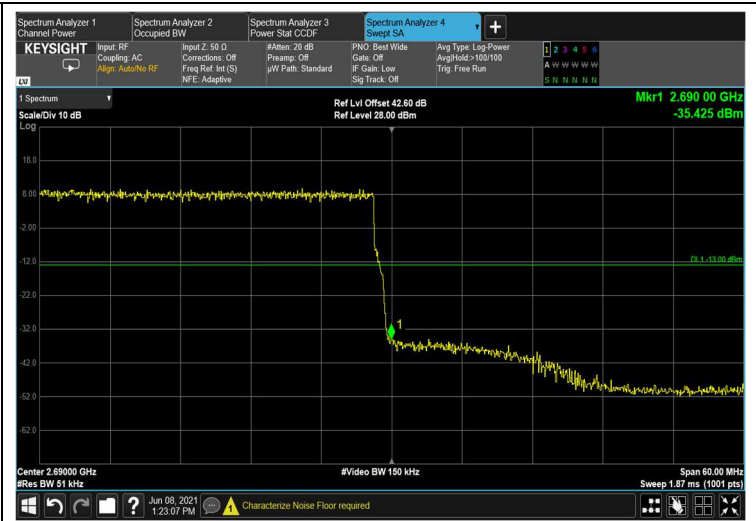


Figure 323: QPSK 60MHz B.W.; 2660.0MHz, 60kHz



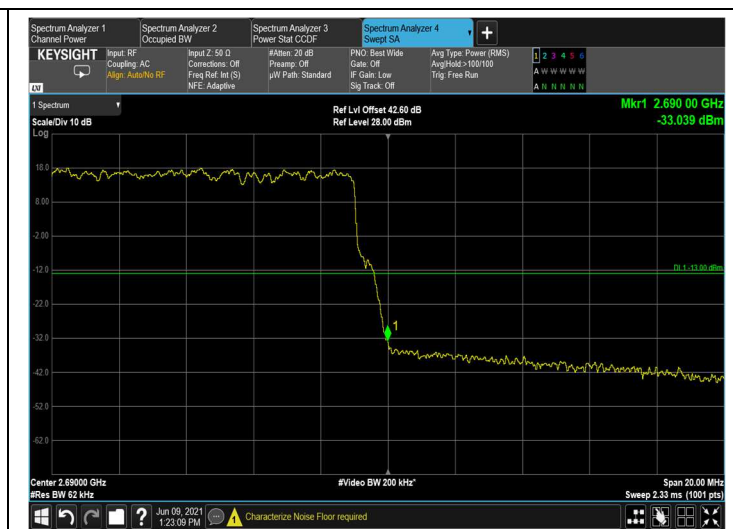
# 4G

Bandwidth (MHz)	Modulation	Operation Frequency	Reading
		(MHz)	(dBm)
20	16QAM	2506	-36.668
		2680	-33.039
	64QAM	2506	-37.182
		2680	-34.401
	QPSK	2506	-37.708
		2680	-35.028

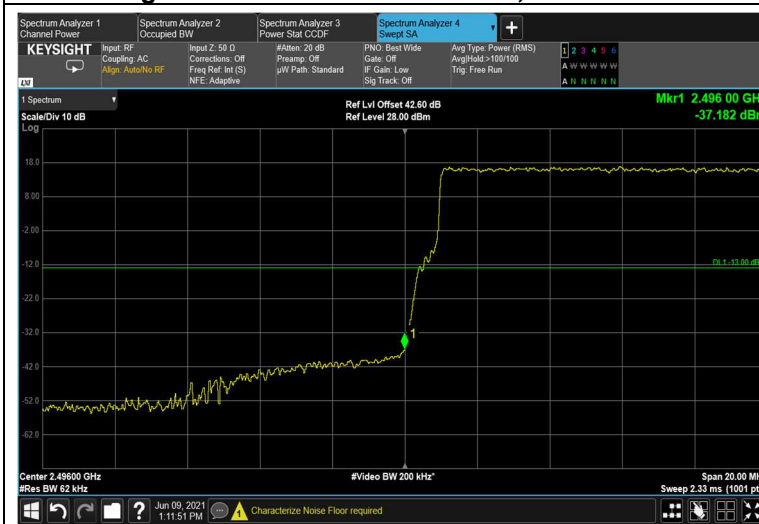
**Table 28 Band Edge Spectrum Results 64QAM/16QAM/QPSK**



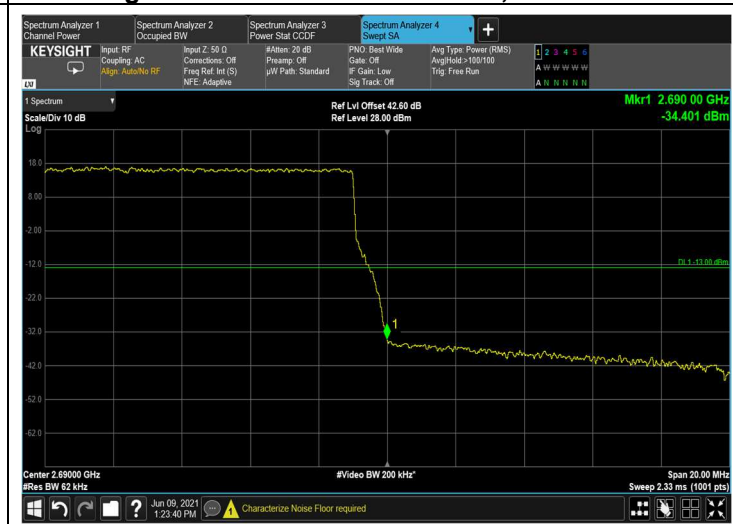
**Figure 324: 16QAM 20MHz B.W.; 2506.0MHz**



**Figure 325: 16QAM 20MHz B.W.; 2680.0MHz**



**Figure 326: 64QAM 20MHz B.W.; 2506.0MHz**



**Figure 327: 64QAM 20MHz B.W.; 2680.0MHz**



Figure 328: QPSK 20MHz B.W.; 2506.0MHz

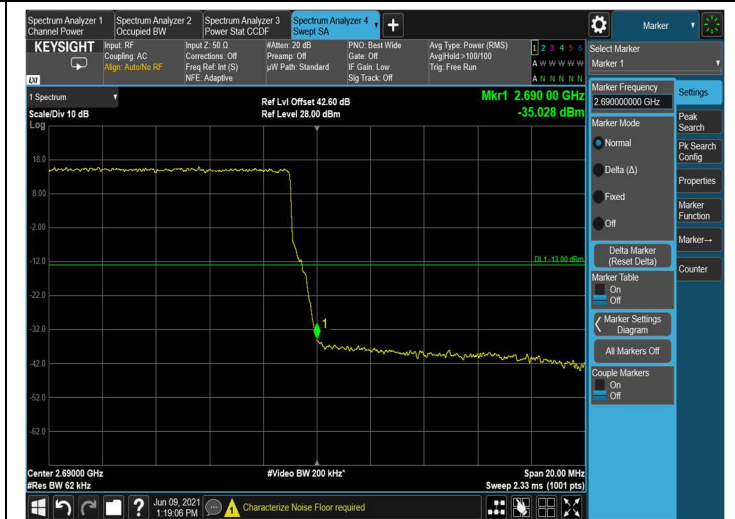


Figure 329: QPSK 20MHz B.W.; 2680.0MHz

### 7.5 Equipment Used; Band Edge Spectrum

Instrument	Manufacturer	Model	Serial Number	Calibration	
				Last Calibration	Calibration Due
EXA signal Analyzer	Keysight	UXA N9040B	MY56080119	January 31, 2020	January 31, 2022
EXG Vector Signal Generator	Agilent Technologies	N5172B	MY53051952	January 17, 2019	January 17, 2022
40 dB Attenuator	Weinschel Associates	WA 39-40-33	-	November 1, 2020	November 1, 2021
RF Coaxial Cable	Huber-Suner	SLLS210B	-	November 1, 2020	November 1, 2021

Table 29 Test Equipment Used