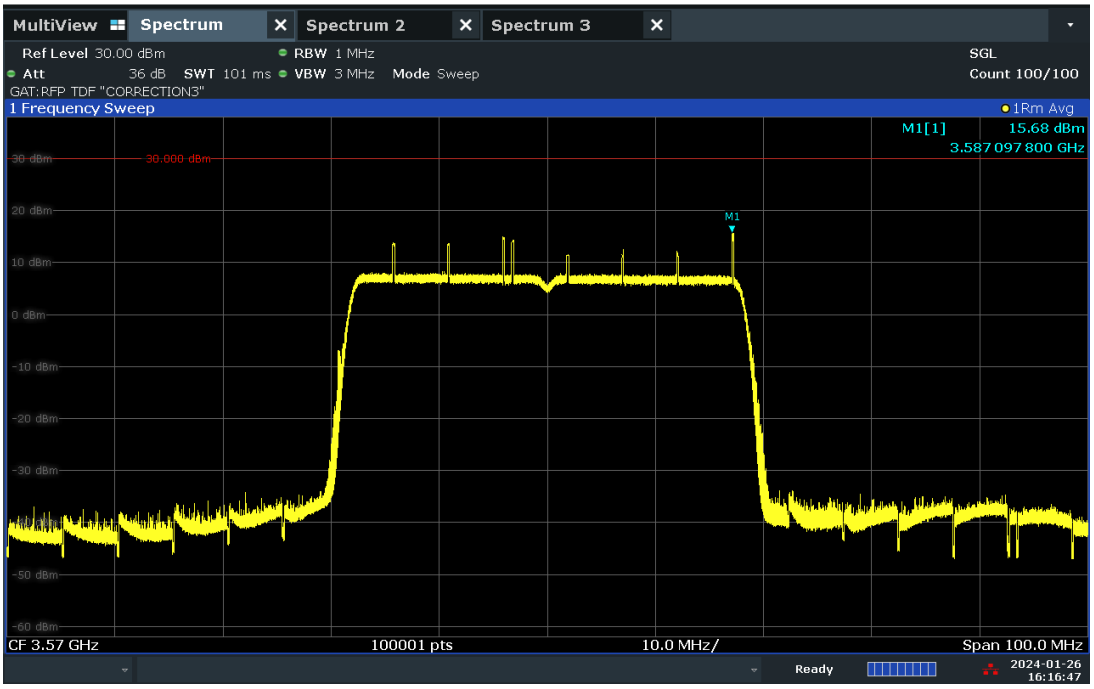
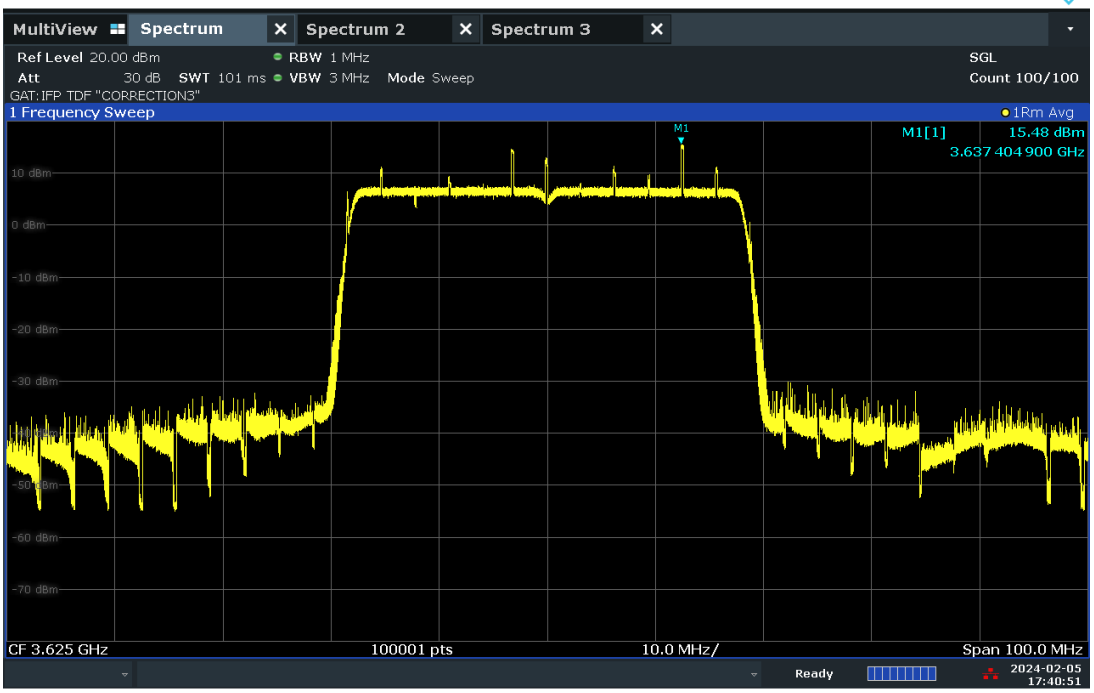
ACLRResults



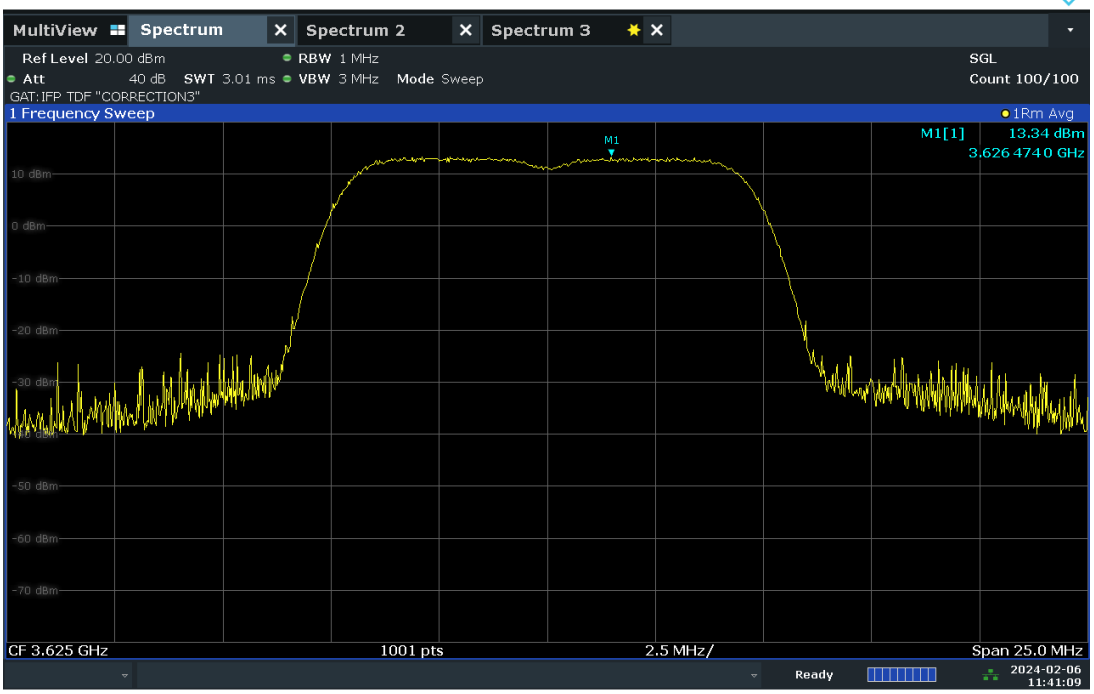
Plot 7.111. Power Spectral Density (40MHz 64QAM, Low Channel – ANT1)



05:40:52 PM 02/05/2024

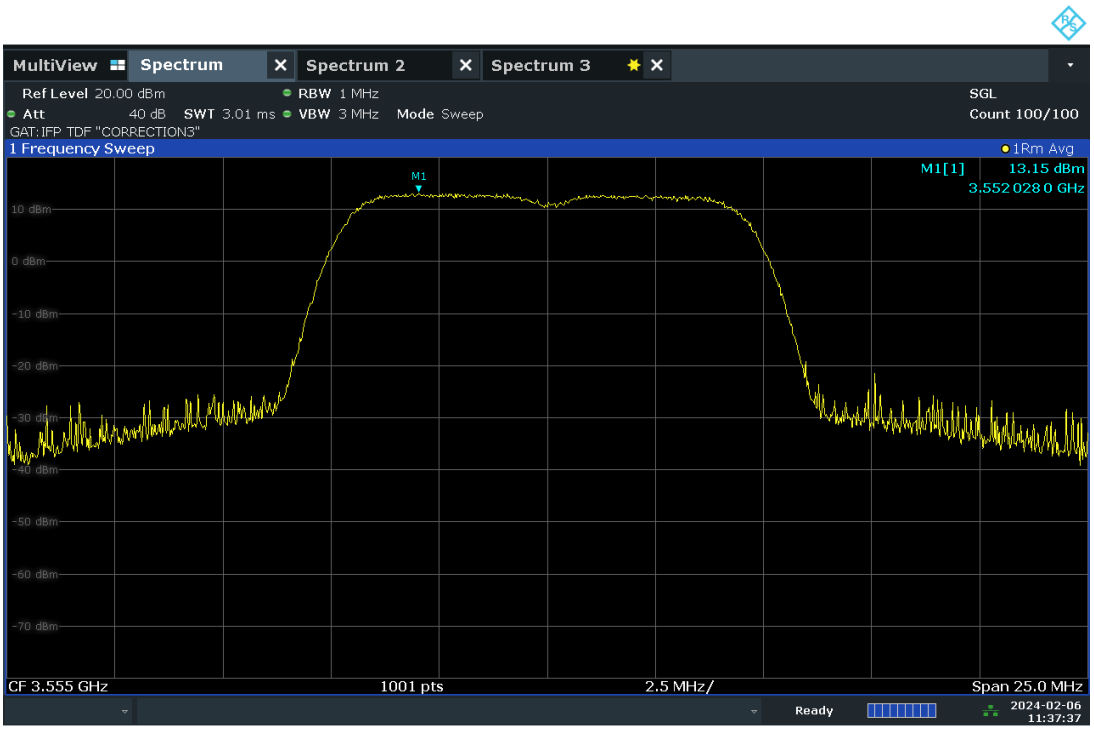
Plot 7.112. Power Spectral Density (40MHz 256QAM, Mid Channel – ANT1)

Antenna 2 Power Spectral Density



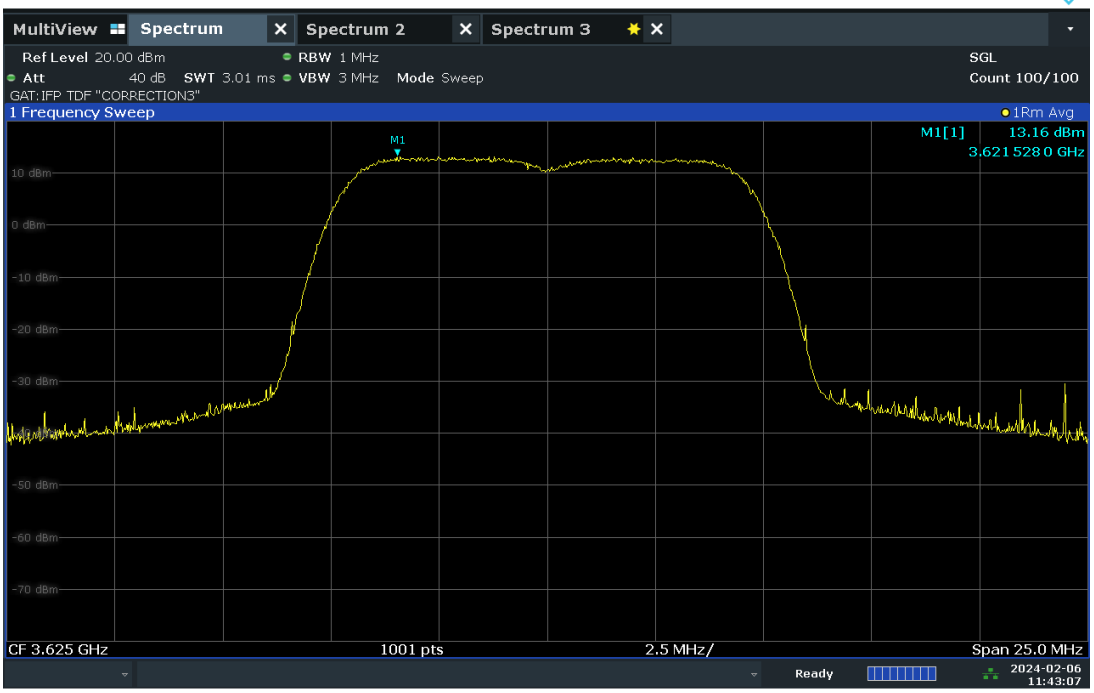
11:41:10 AM 02/06/2024

Plot 7.113. Power Spectral Density (10MHz QPSK, Mid Channel – ANT2)



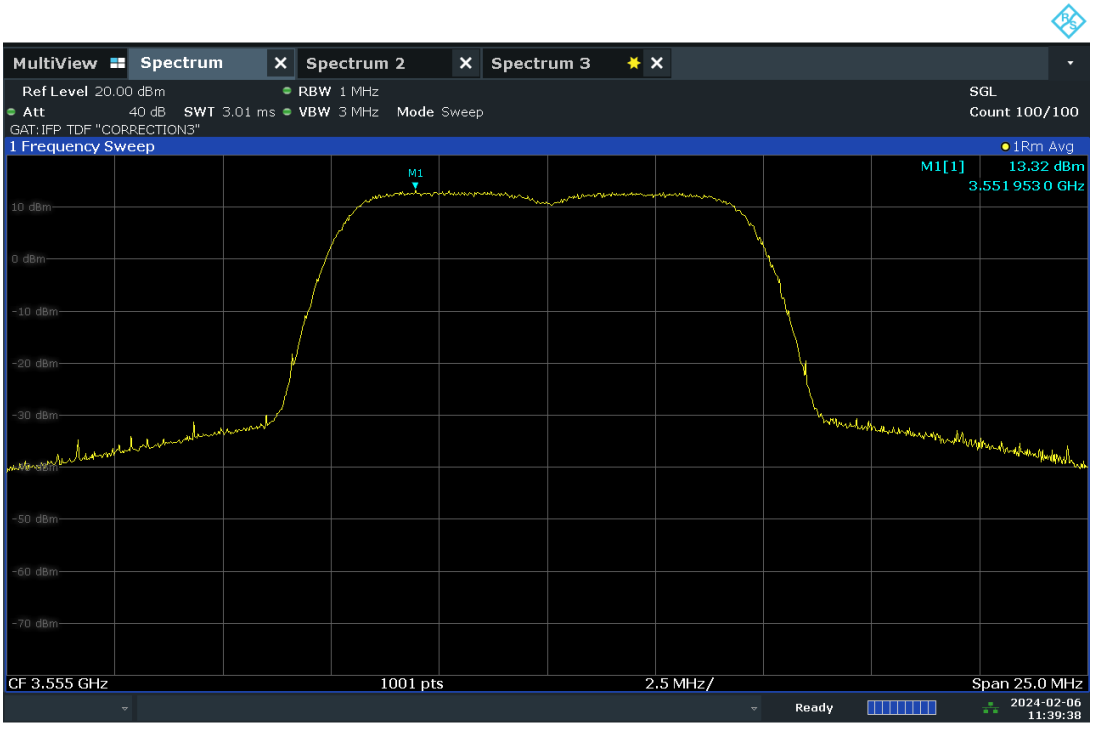
11:37:38 AM 02/06/2024

Plot 7.114. Power Spectral Density (10MHz 16QAM, Low Channel – ANT2)



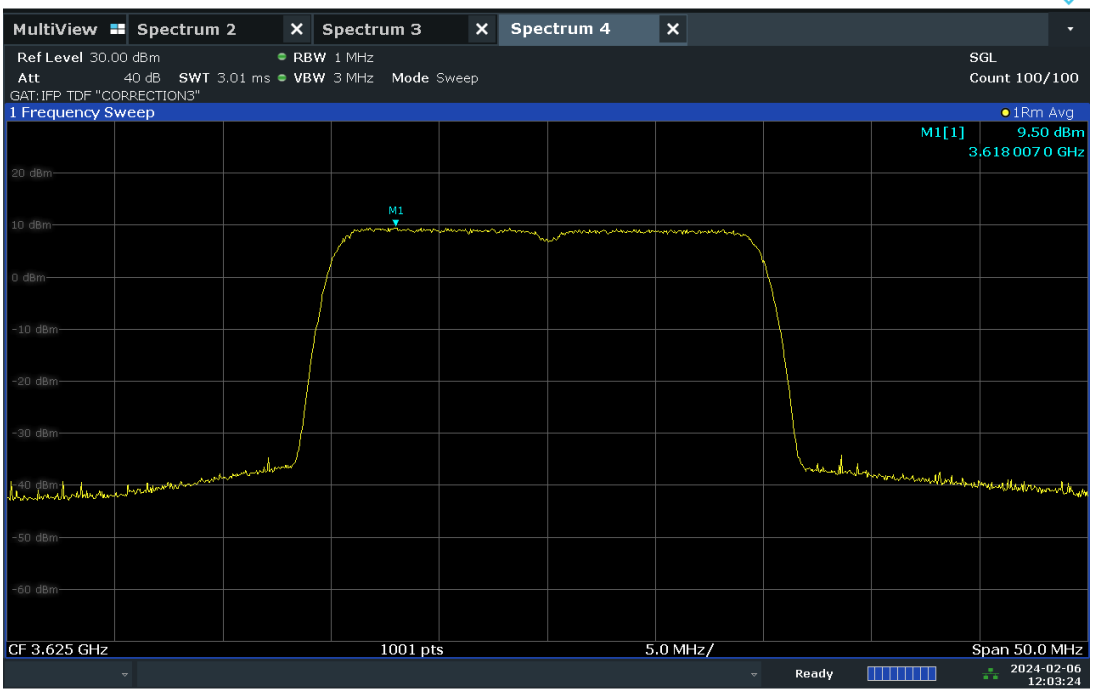
11:43:07 AM 02/06/2024

Plot 7.115. Power Spectral Density (10MHz 64QAM, Mid Channel – ANT2)



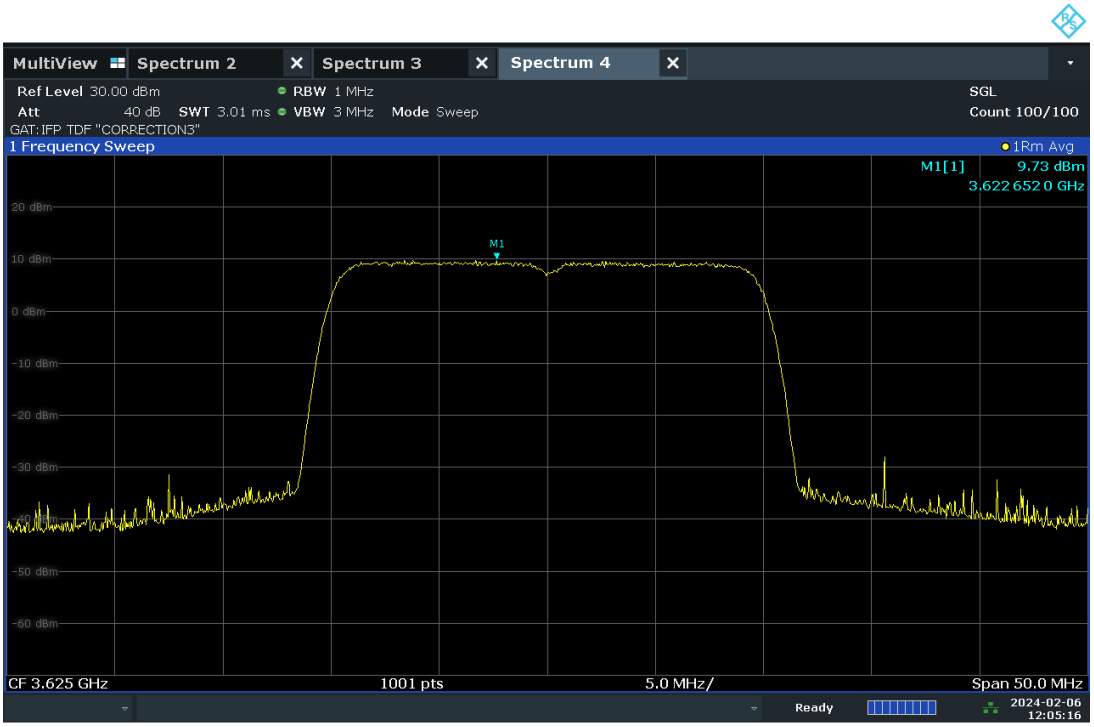
11:39:39 AM 02/06/2024

Plot 7.116. Power Spectral Density (10MHz 256QAM, Low Channel – ANT2)



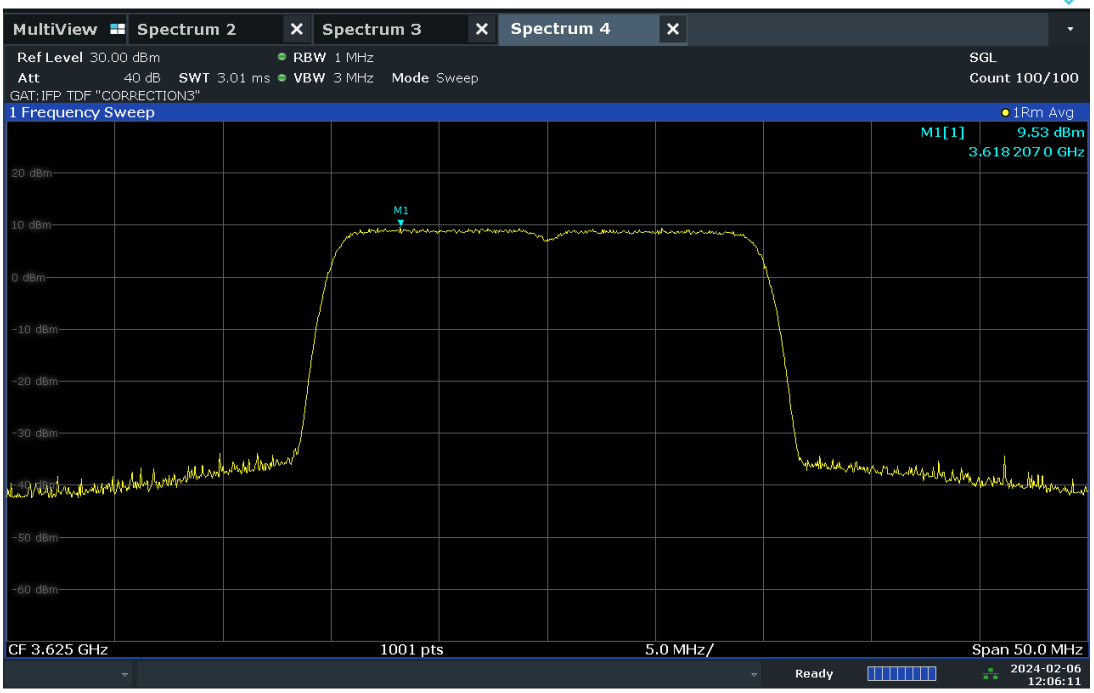
12:03:25 PM 02/06/2024

Plot 7.117. Power Spectral Density (20MHz QPSK, Mid Channel – ANT2)



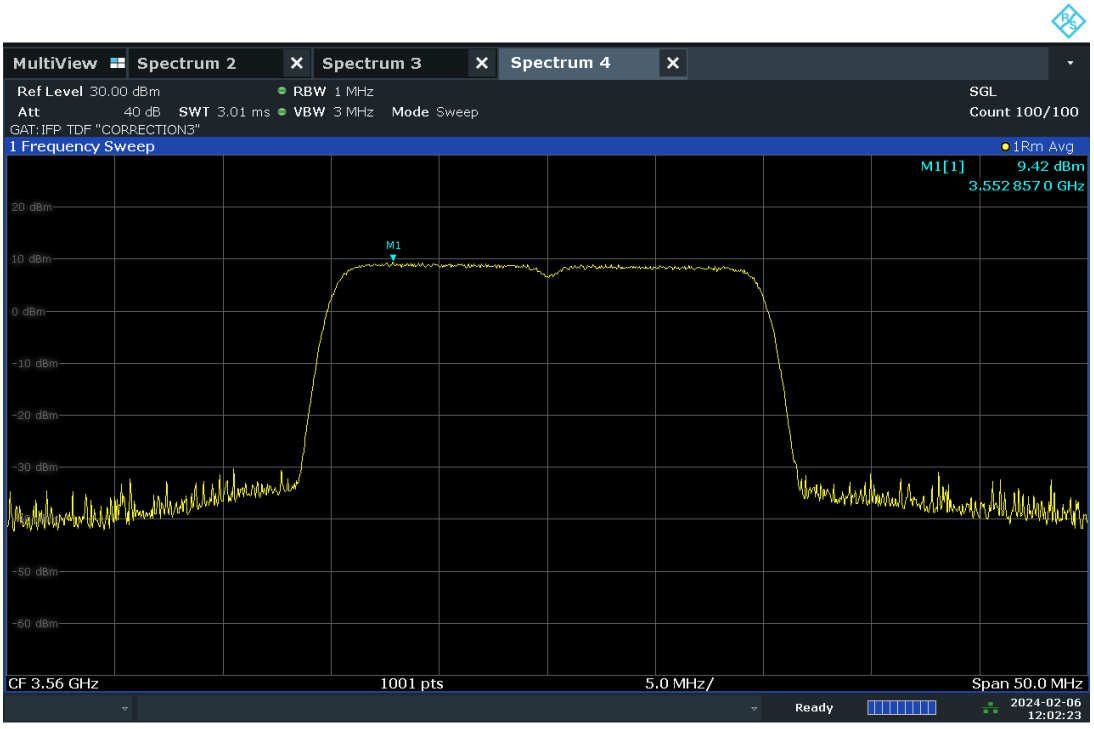
12:05:17 PM 02/06/2024

Plot 7.118. Power Spectral Density (20MHz 16QAM, Mid Channel – ANT2)



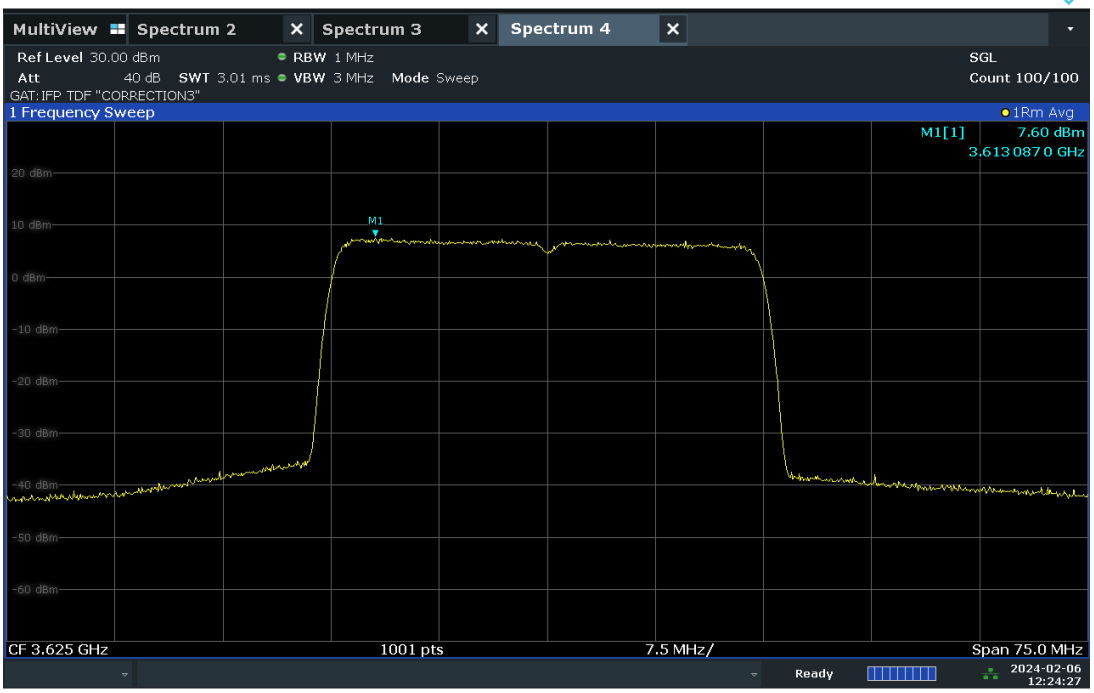
12:06:12 PM 02/06/2024

Plot 7.119. Power Spectral Density (20MHz 64QAM, Mid Channel – ANT2)



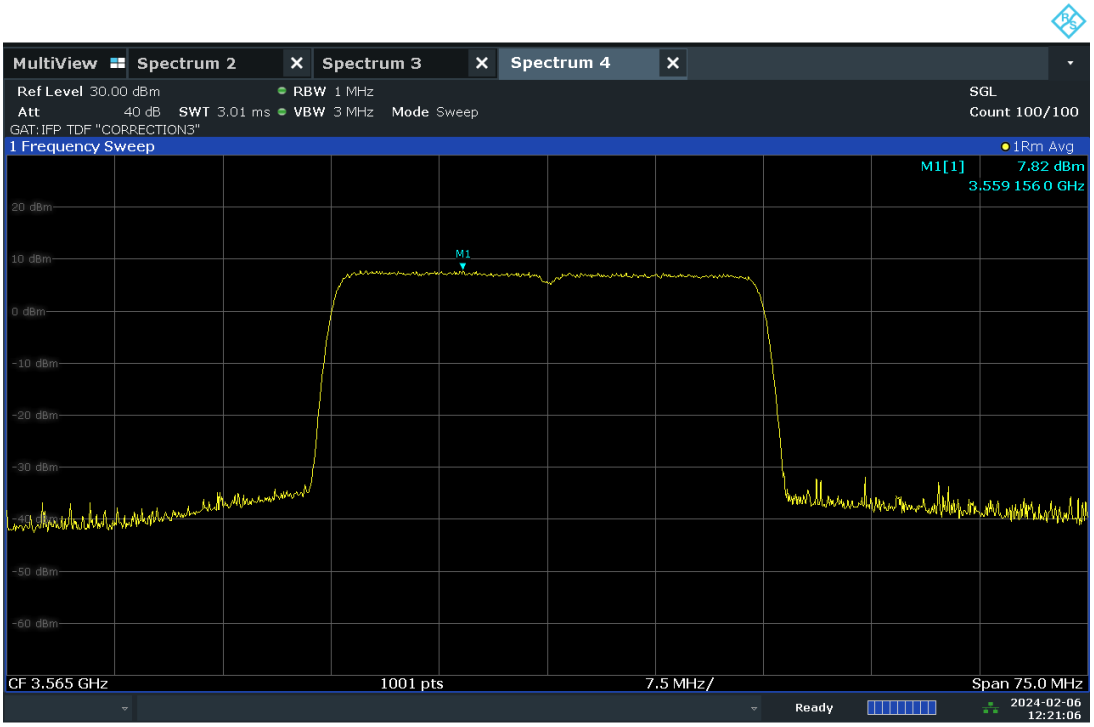
12:02:23 PM 02/06/2024

Plot 7.120. Power Spectral Density (20MHz 256QAM, Low Channel – ANT2)



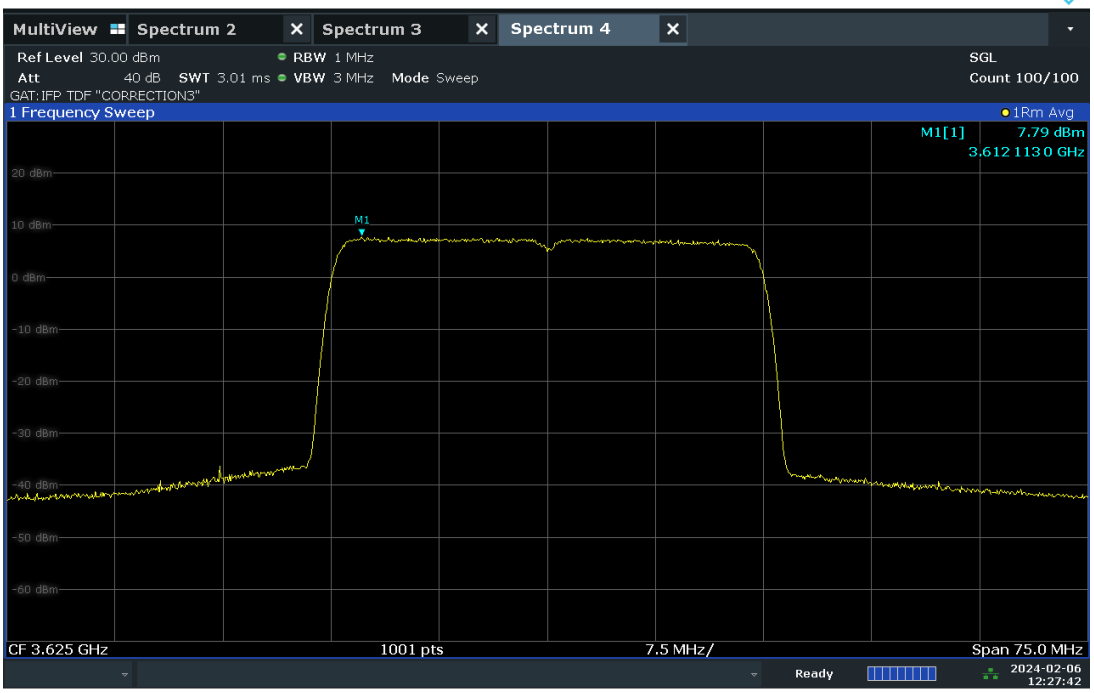
12:24:28 PM 02/06/2024

Plot 7.121. Power Spectral Density (30MHz QPSK, Mid Channel – ANT2)



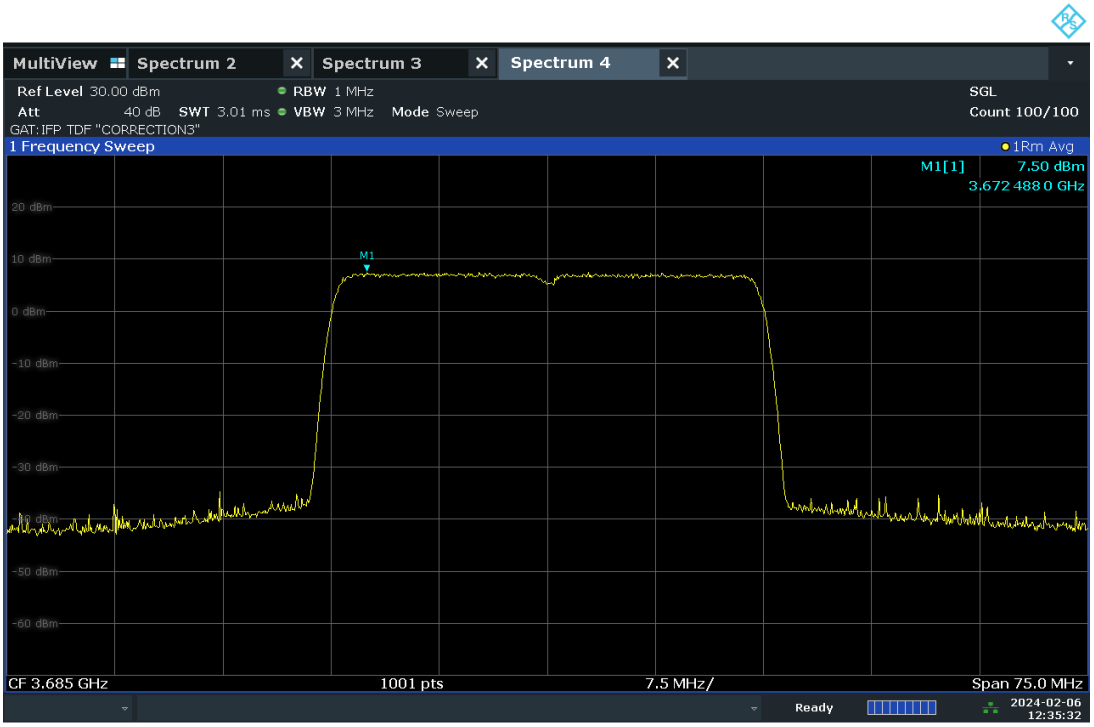
12:21:07 PM 02/06/2024

Plot 7.122. Power Spectral Density (30MHz 16QAM, Low Channel – ANT2)



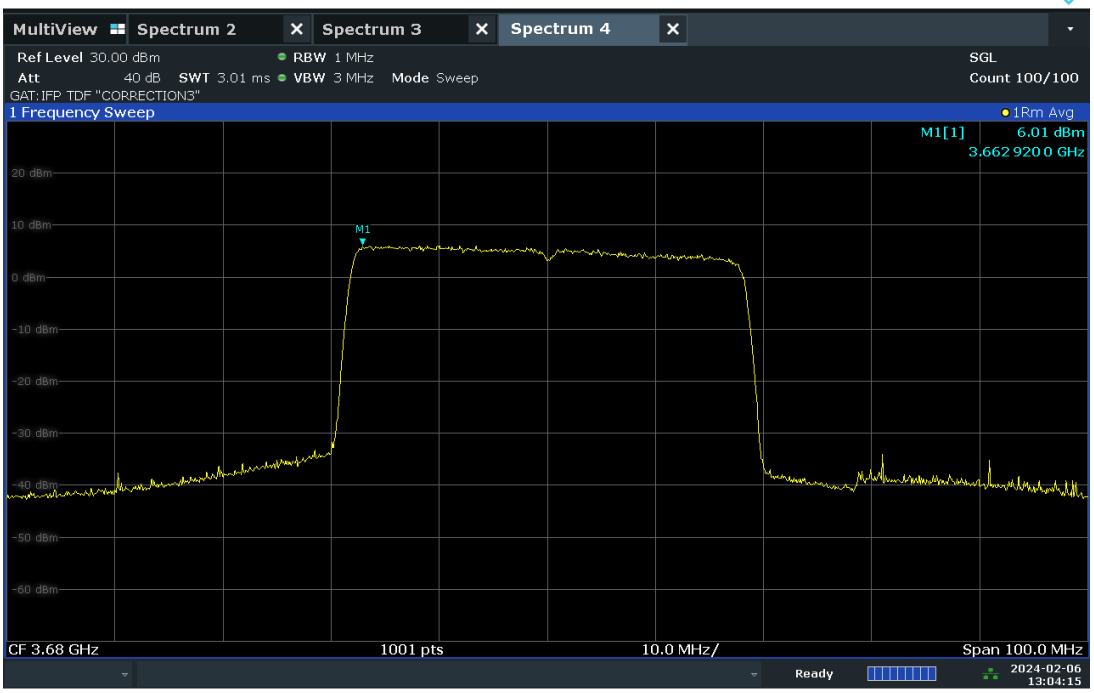
12:27:43 PM 02/06/2024

Plot 7.123. Power Spectral Density (30MHz 64QAM, Mid Channel – ANT2)



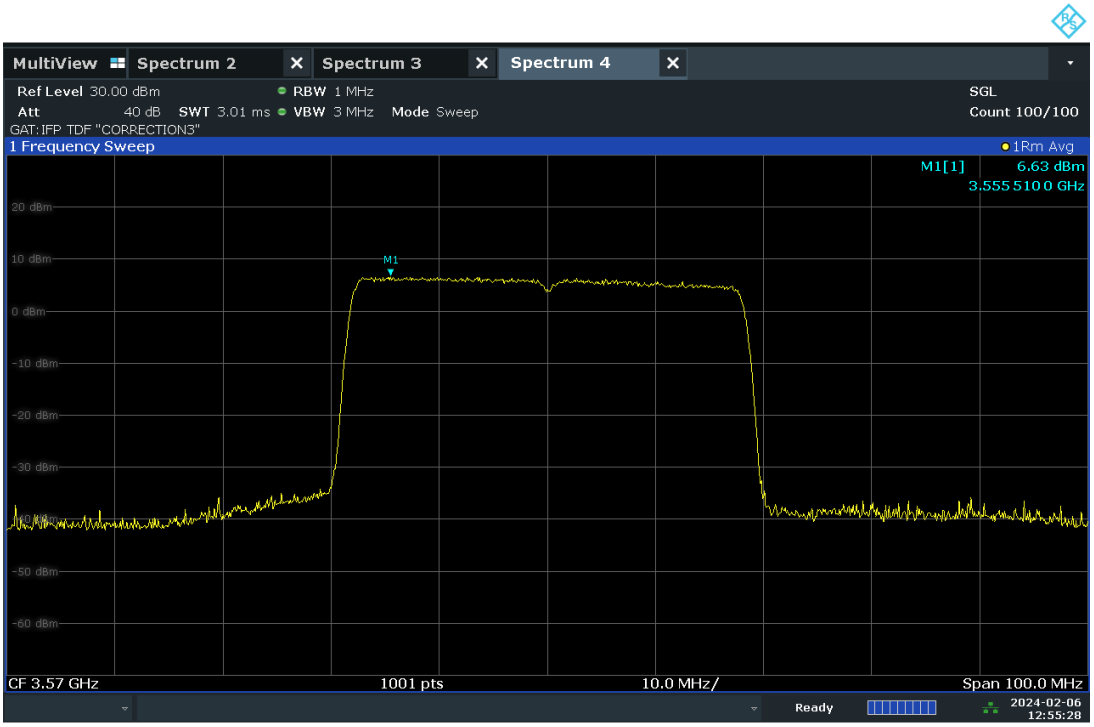
12:35:33 PM 02/06/2024

Plot 7.124. Power Spectral Density (30MHz 256QAM, High Channel – ANT2)



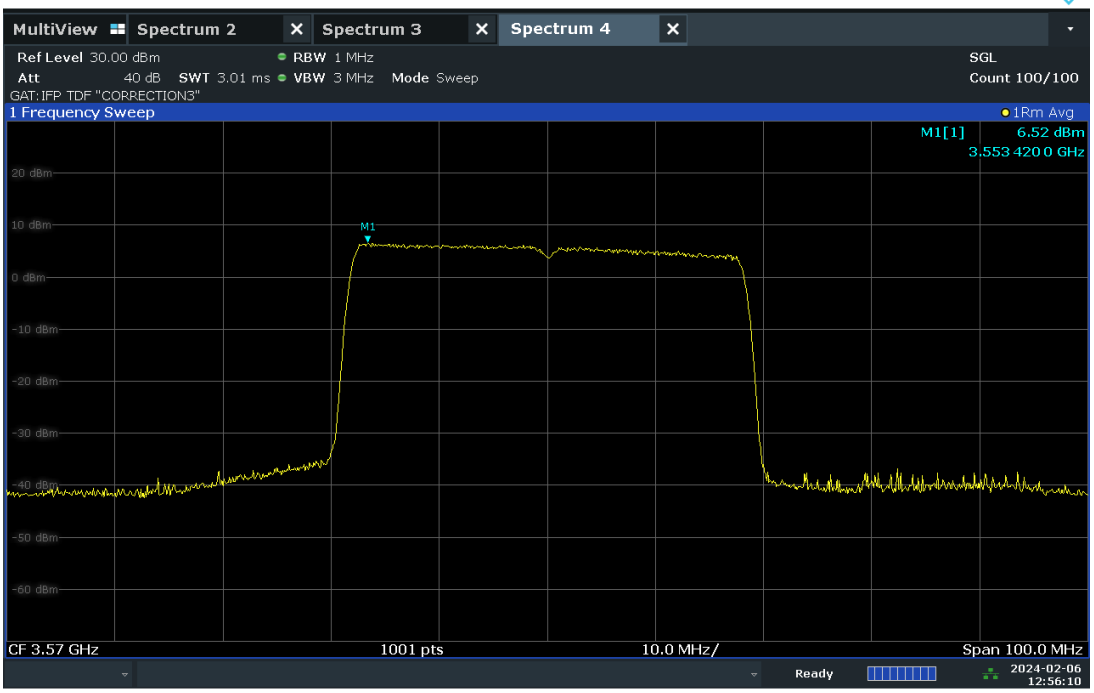
01:04:16 PM 02/06/2024

Plot 7.125. Power Spectral Density (40MHz QPSK, High Channel – ANT2)



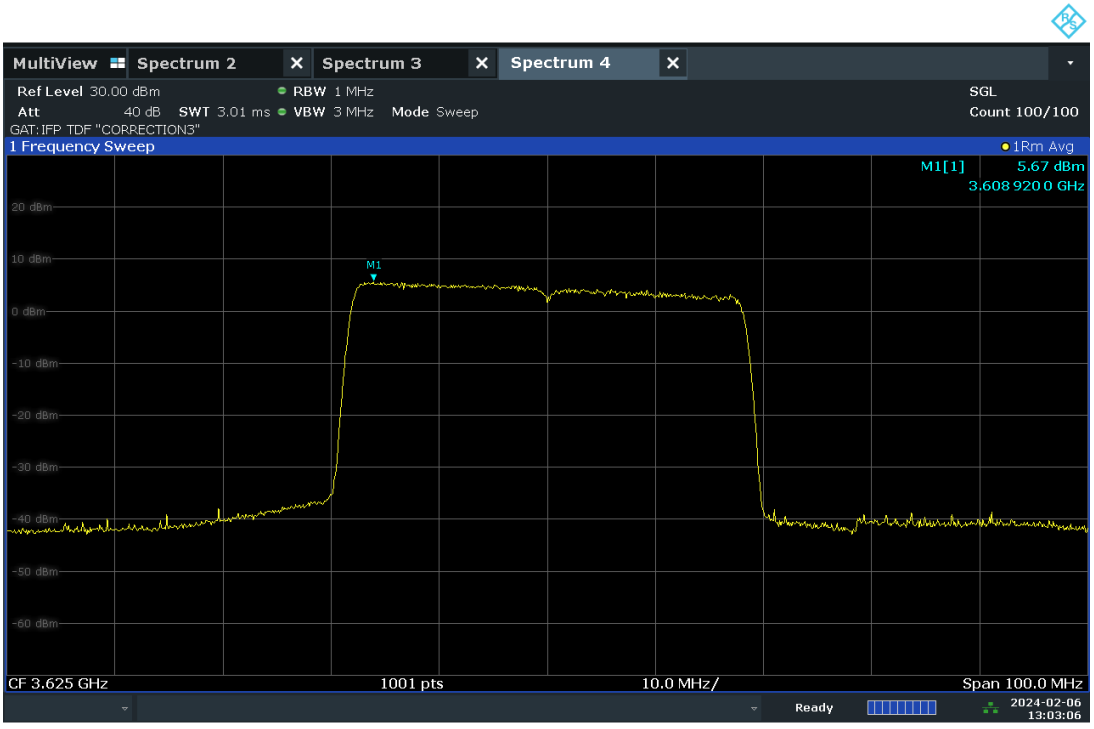
12:55:29 PM 02/06/2024

Plot 7.126. Power Spectral Density (40MHz 16QAM, Low Channel – ANT2)



12:56:10 PM 02/06/2024

Plot 7.127. Power Spectral Density (40MHz 64QAM, Low Channel – ANT2)



01:03:07 PM 02/06/2024

Plot 7.128. Power Spectral Density (40MHz 256QAM, Mid Channel – ANT2)

Note:

Per ANSI C63.26-2015 Section 5.2.5.3 and KDB 662911 v02r01 Section E)2), the power spectral density at Channel A and Channel B were first measured separately as shown in the section above. The measured values were then summed in linear power units then converted back to dBm.

Per ANSI C63.26-2015 Section 6.4.6 and KDB 662911 v02r01 Section F.2.c, since the transmissions are orthogonally polarized, the directional gain is equal to the single transmission gain of 9.00dBi

Sample MIMO Calculation:

At 3625 MHz in QPSK, 20MHz BW mode, the average conducted power spectral density was measured to be 16.53 dBm/MHz for Ant1 and 9.50 dBm/MHz for Ant2.

Ant1 + Ant2 = MIMO

(16.53 dBm + 9.50 dBm) = (44.978 mW + 8.913 mW) = 53.891 mW = 17.32 dBm

Sample e.i.r.p Power Spectral Density Calculation:

At 3625 MHz in QPSK, 20MHz BW mode, the average MIMO power density was calculated to be 17.32 dBm with directional gain of 13.00 dBi.

e.i.r.p. Power Spectral Density(dBm) = Power Spectral Density (dBm) + Ant gain (dBi)

17.32 dBm + 13.00 dBi = 30.32 dBm

7.6 Peak-Average Ratio

Test Overview

A peak to average ratio measurement is performed at the conducted port of the EUT. The spectrum analyzers Complementary Cumulative Distribution Function (CCDF) measurement profile is used to determine the largest deviation between the average and the peak power of the EUT in a given bandwidth. The CCDF curve shows how much time the peak waveform spends at or above a given average power level. The percent of time the signal spends at or above the level defines the probability for that particular power level.

Test Procedure Used

ANSI C63.26-2015 – Section 5.2.3.4

Test Settings

1. The signal analyzer's CCDF measurement profile is enabled
2. Frequency = carrier center frequency
3. Measurement BW ≥ OBW or specified reference bandwidth
4. The signal analyzer was set to collect one million samples to generate the CCDF curve
5. The spectrum analyzer is set to use an internal "RF Burst" trigger that is synced with an incoming pulse and the measurement interval is set to less than the duration of the "on time" of one burst to ensure that energy is only captured during a time in which the transmitter is operating at maximum power

Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.

Figure 7-5. Test Instrument & Measurement Setup

Test Notes

None.

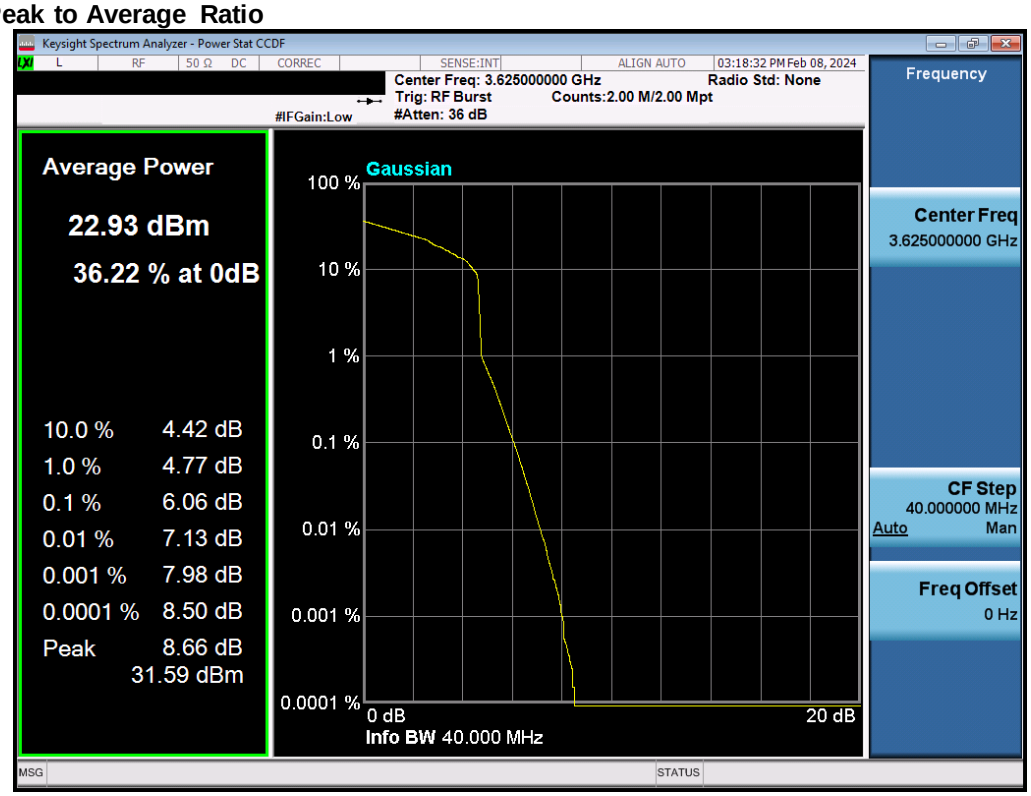
Bandwidth	Modulation	26dB BW [MHz]	PAR at 0.1% [dB]	PAR Limit [dB]	Margin [dB]
40 MHz	QPSK	38.27	6.06	13.00	-6.94
	16QAM	38.42	6.30	13.00	-6.70
	64QAM	38.22	6.17	13.00	-6.83
	256QAM	38.54	6.06	13.00	-6.94
30 MHz	QPSK	30.95	6.21	13.00	-6.79
	16QAM	30.70	6.55	13.00	-6.45
	64QAM	30.80	6.02	13.00	-6.98
	256QAM	30.82	6.32	13.00	-6.68
20 MHz	QPSK	20.76	7.46	13.00	-5.54
	16QAM	20.88	6.12	13.00	-6.88
	64QAM	20.83	6.17	13.00	-6.83
	256QAM	20.72	6.14	13.00	-6.86
10 MHz	QPSK	10.32	6.13	13.00	-6.87
	16QAM	9.48	6.11	13.00	-6.89
	64QAM	10.27	6.24	13.00	-6.76
	256QAM	9.58	6.21	13.00	-6.79

Table 7-7 Peak to Average Power Ratio Measurements – ANT1

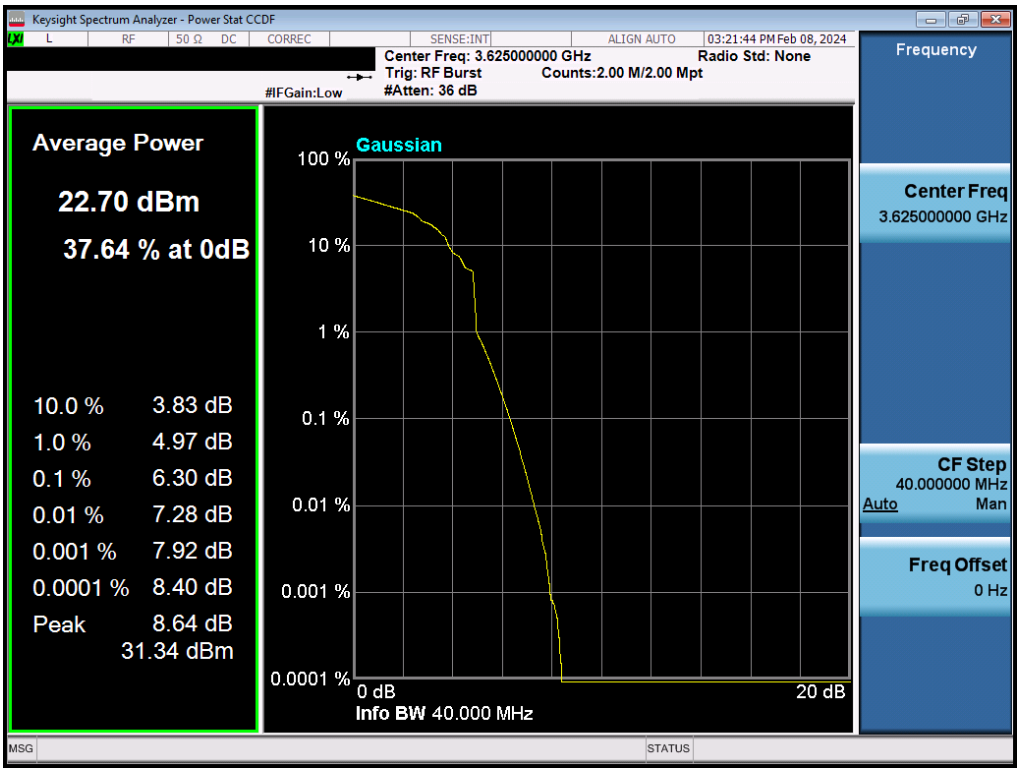
Bandwidth	Modulation	26dB BW [MHz]	PAR at 0.1% [dB]	PAR Limit [dB]	Margin [dB]
40 MHz	QPSK	38.15	7.60	13.00	-5.40
	16QAM	38.62	7.64	13.00	-5.36
	64QAM	38.38	7.80	13.00	-5.20
	256QAM	38.83	7.69	13.00	-5.31
30 MHz	QPSK	30.86	7.87	13.00	-5.13
	16QAM	30.95	7.68	13.00	-5.32
	64QAM	31.09	8.62	13.00	-4.38
	256QAM	30.83	7.70	13.00	-5.30
20 MHz	QPSK	20.72	7.65	13.00	-5.35
	16QAM	20.69	10.79	13.00	-2.21
	64QAM	20.86	7.65	13.00	-5.35
	256QAM	20.75	7.62	13.00	-5.38
10 MHz	QPSK	14.32	9.90	13.00	-3.10
	16QAM	10.30	7.68	13.00	-5.32
	64QAM	10.04	7.60	13.00	-5.40
	256QAM	9.95	10.79	13.00	-2.21

Table 7-8 Peak to Average Power Ratio Measurements – ANT2

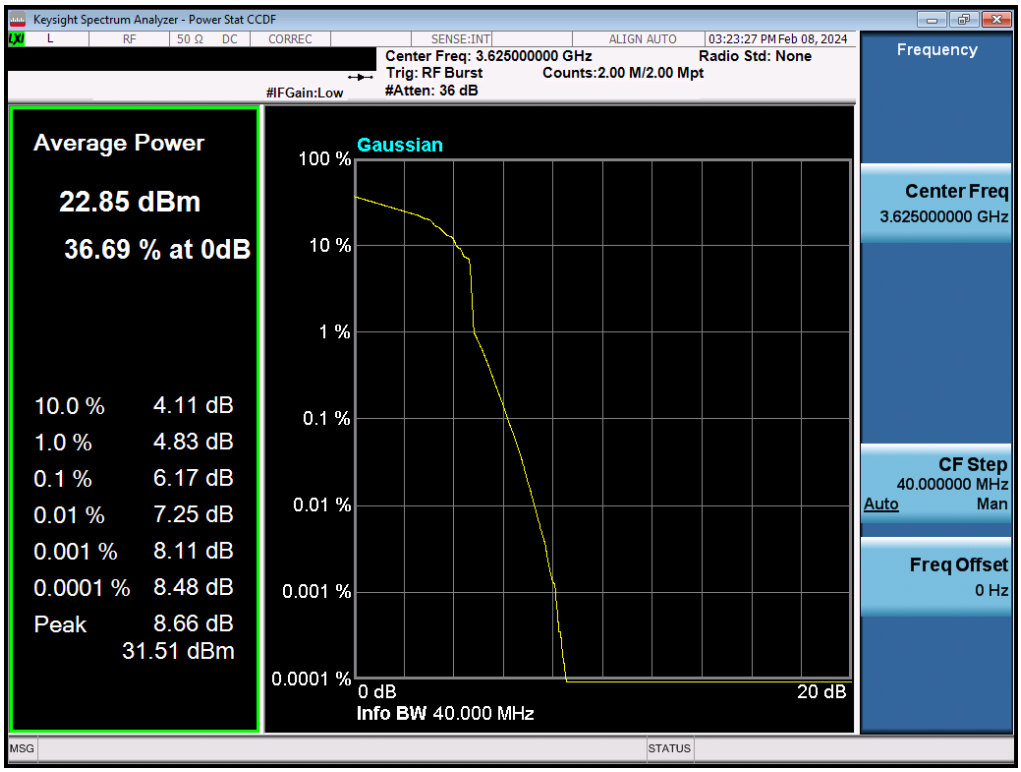
Antenna 1 Peak to Average Ratio



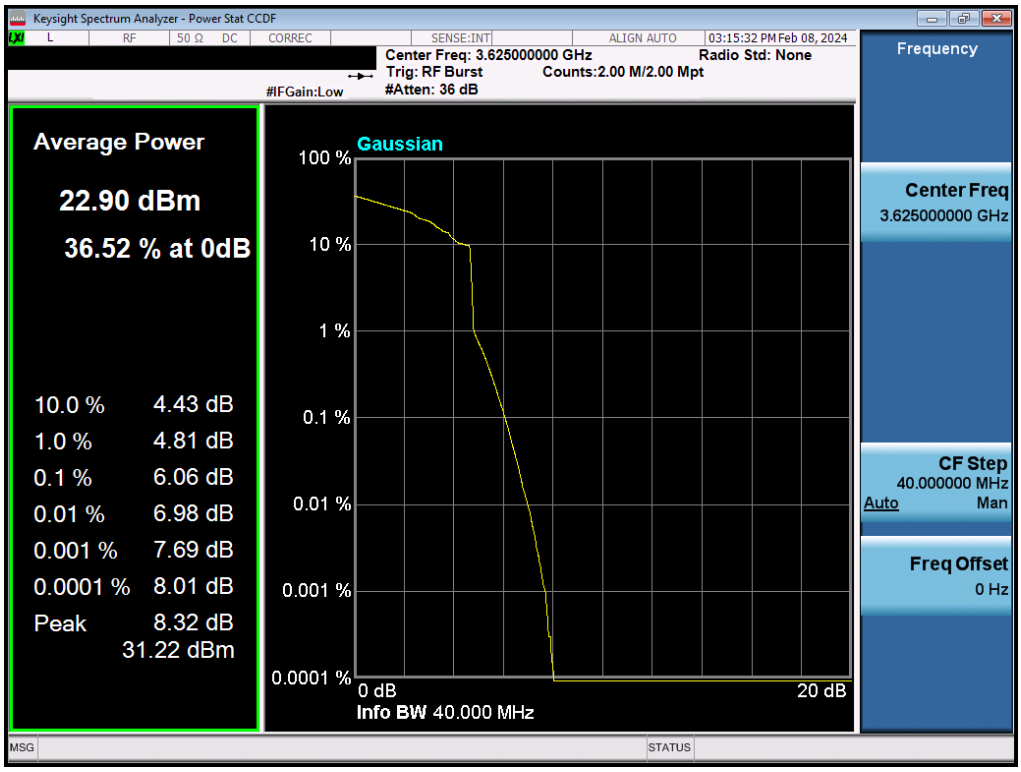
Plot 7.129. Peak to Average Power Ratio Plot (40MHz, QPSK – Mid Channel) – ANT1



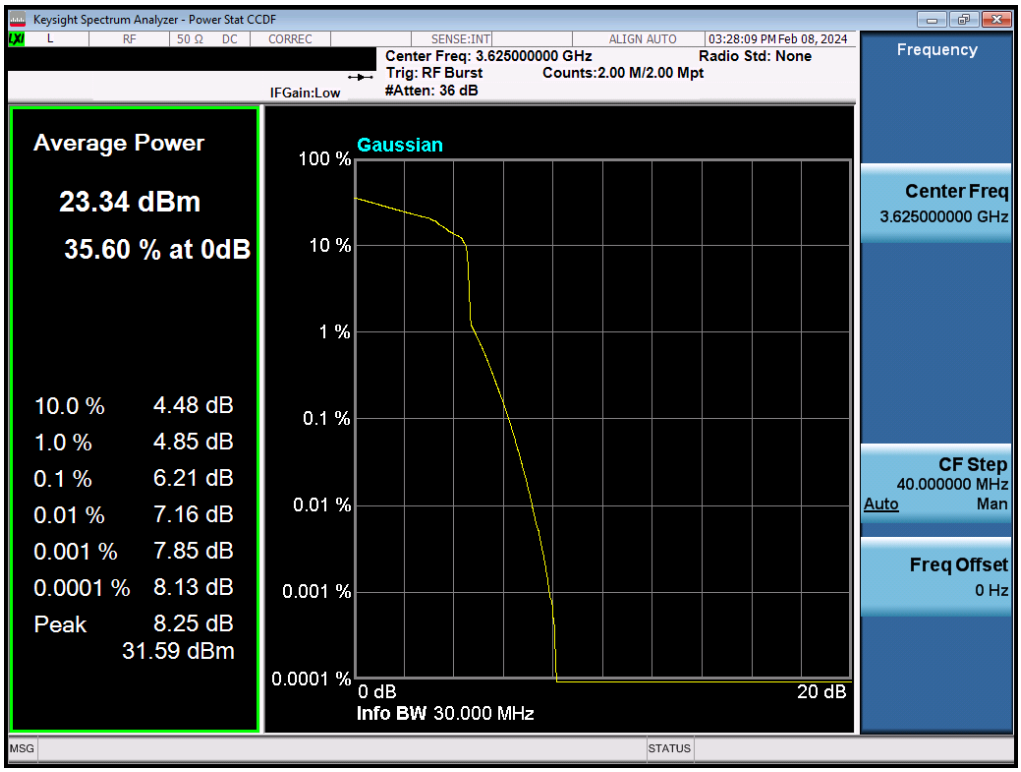
Plot 7.130. Peak to Average Power Ratio Plot (40MHz, 16QAM – Mid Channel) – ANT1



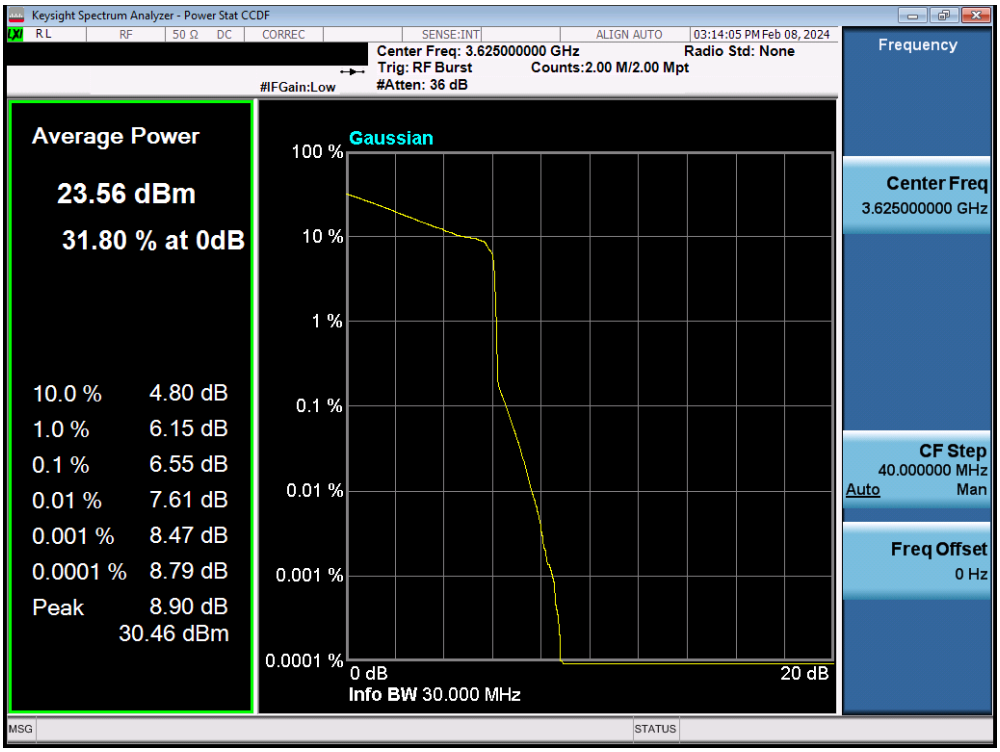
Plot 7.131. Peak to Average Power Ratio Plot (40MHz, 64QAM – Mid Channel) – ANT1



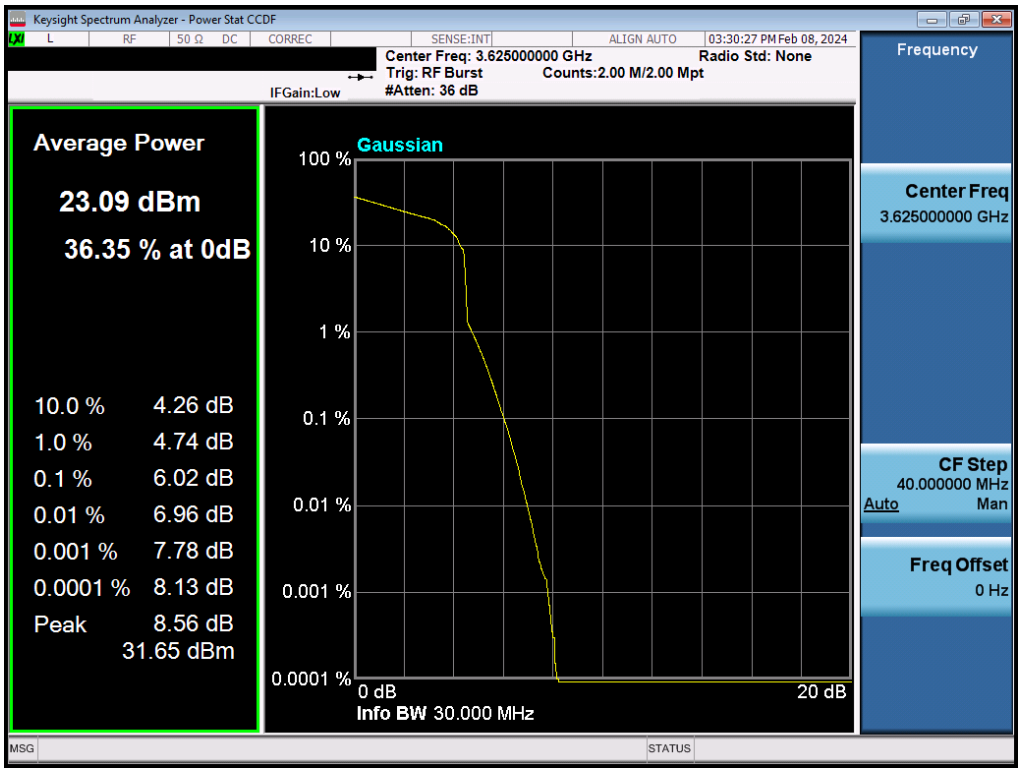
Plot 7.132. Peak to Average Power Ratio Plot (40MHz, 256QAM – Mid Channel) – ANT1



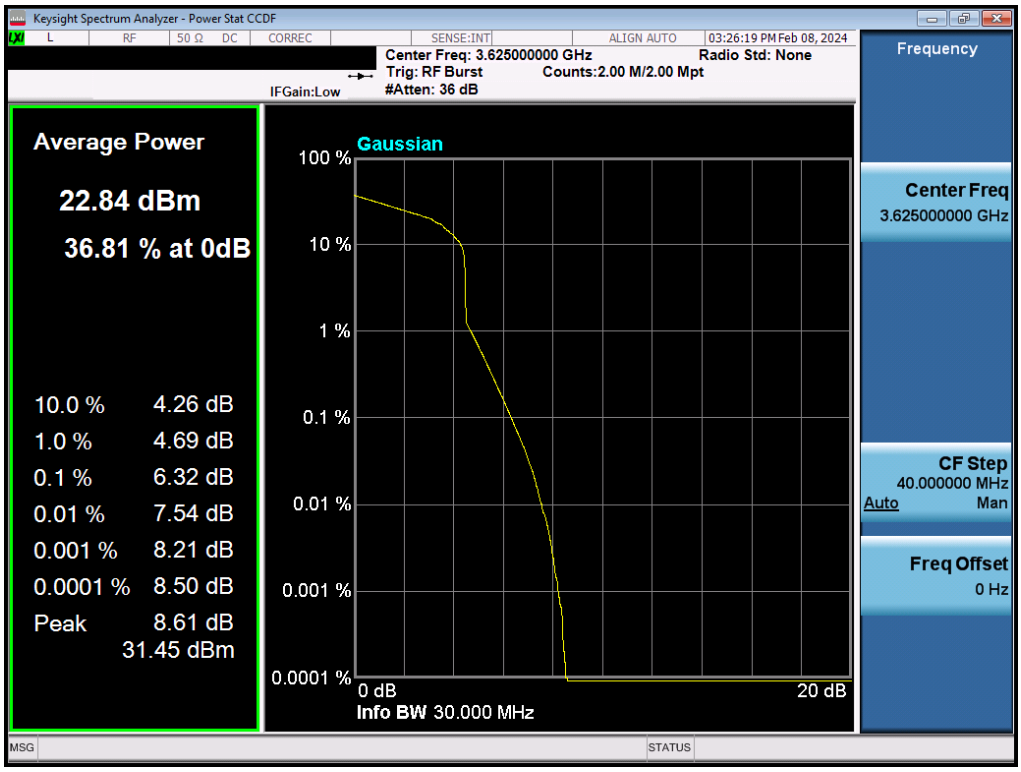
Plot 7.133. Peak to Average Power Ratio Plot (30MHz, QPSK – Mid Channel) – ANT1



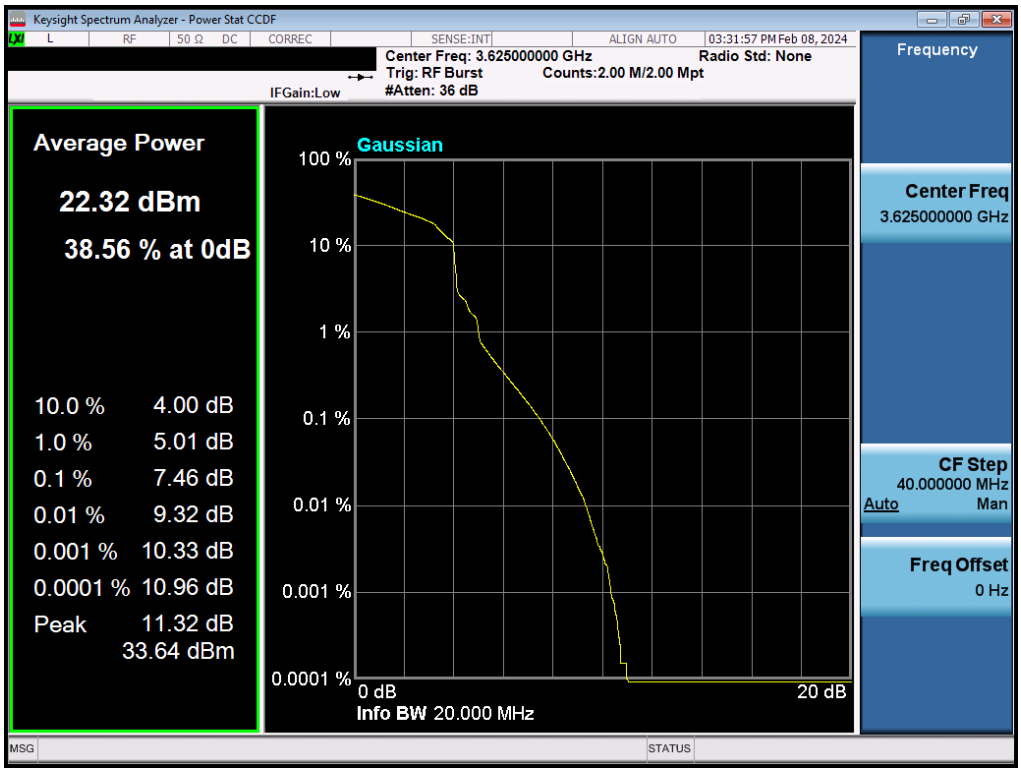
Plot 7.134. Peak to Average Power Ratio Plot (30MHz, 16QAM – Mid Channel) – ANT1



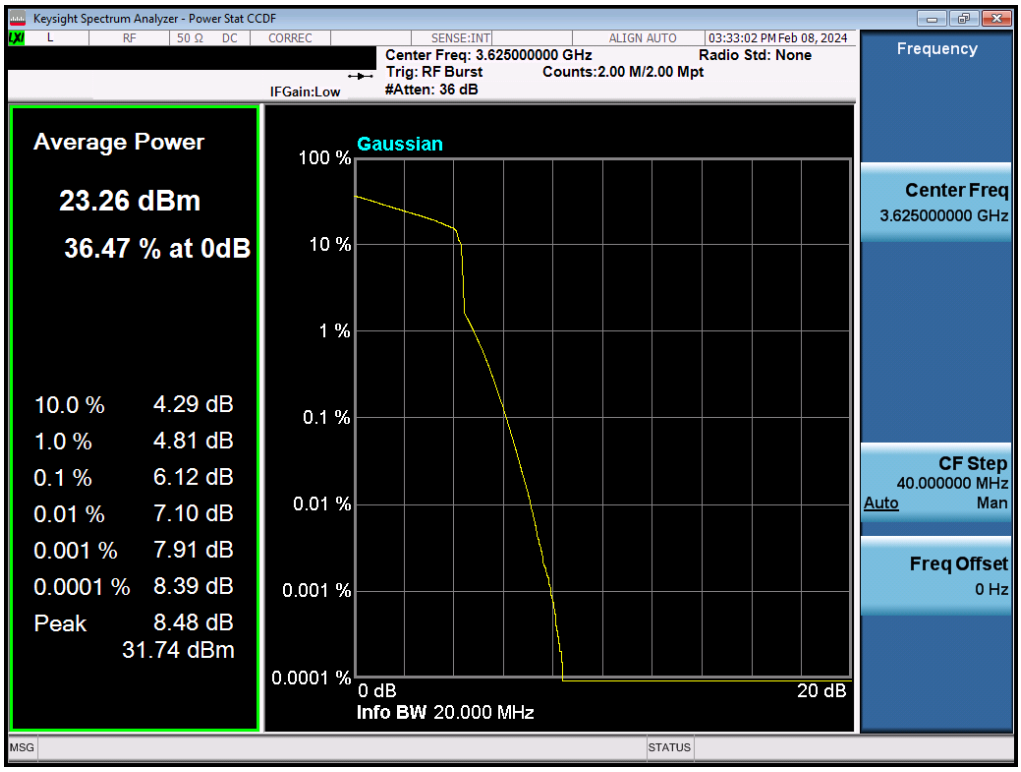
Plot 7.135. Peak to Average Power Ratio Plot (30MHz, 64QAM – Mid Channel) – ANT1



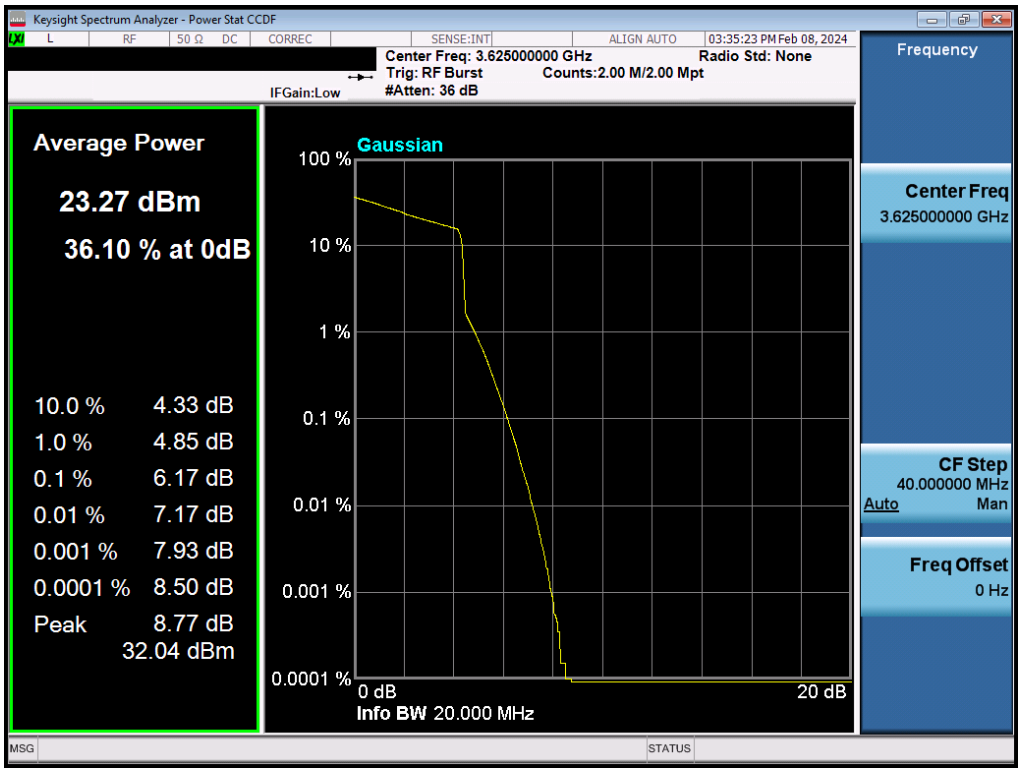
Plot 7.136. Peak to Average Power Ratio Plot (30MHz, 256QAM – Mid Channel) – ANT1



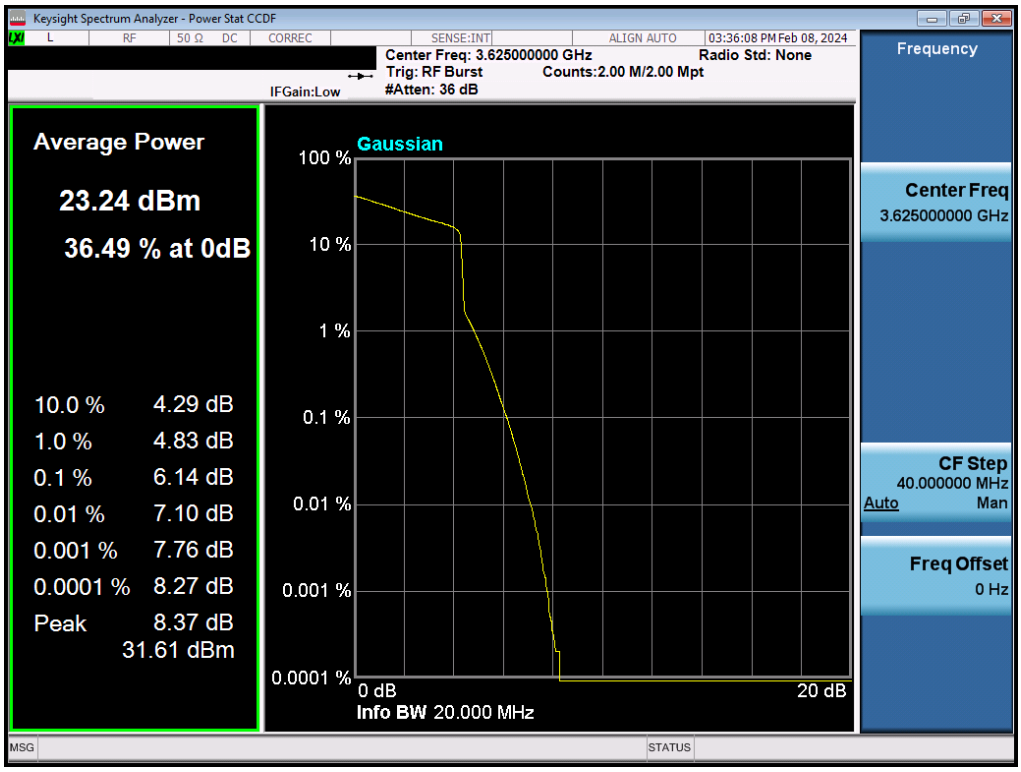
Plot 7.137. Peak to Average Power Ratio Plot (20MHz, QPSK – Mid Channel) – ANT1



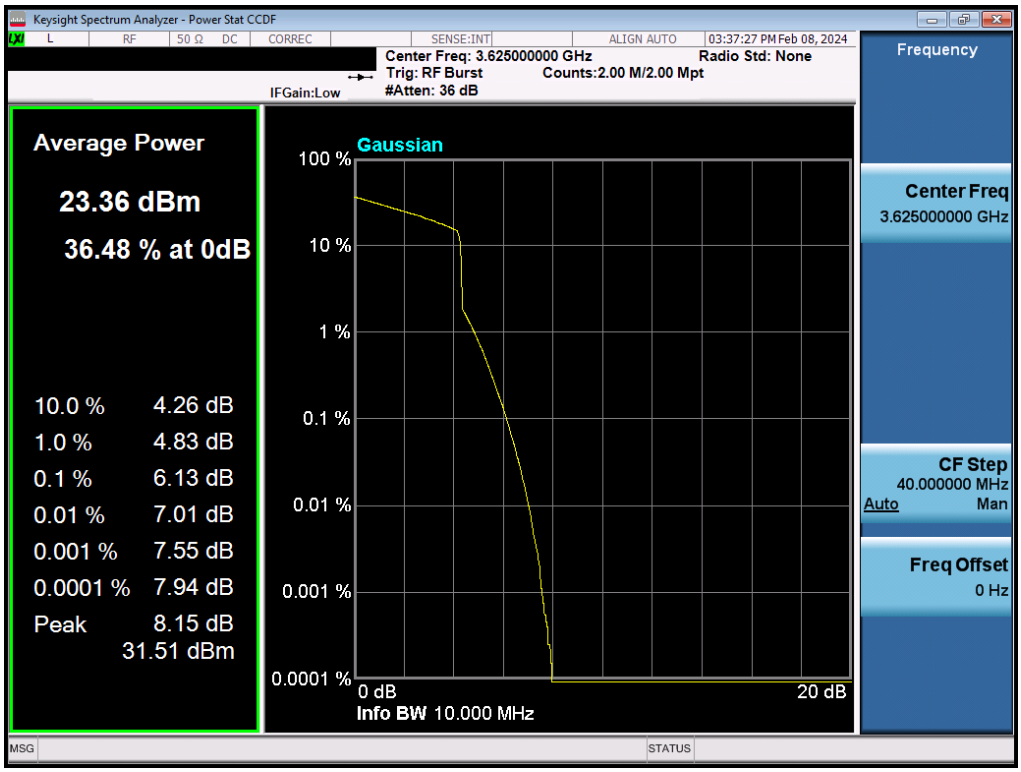
Plot 7.138. Peak to Average Power Ratio Plot (20MHz, 16QAM – Mid Channel) – ANT1



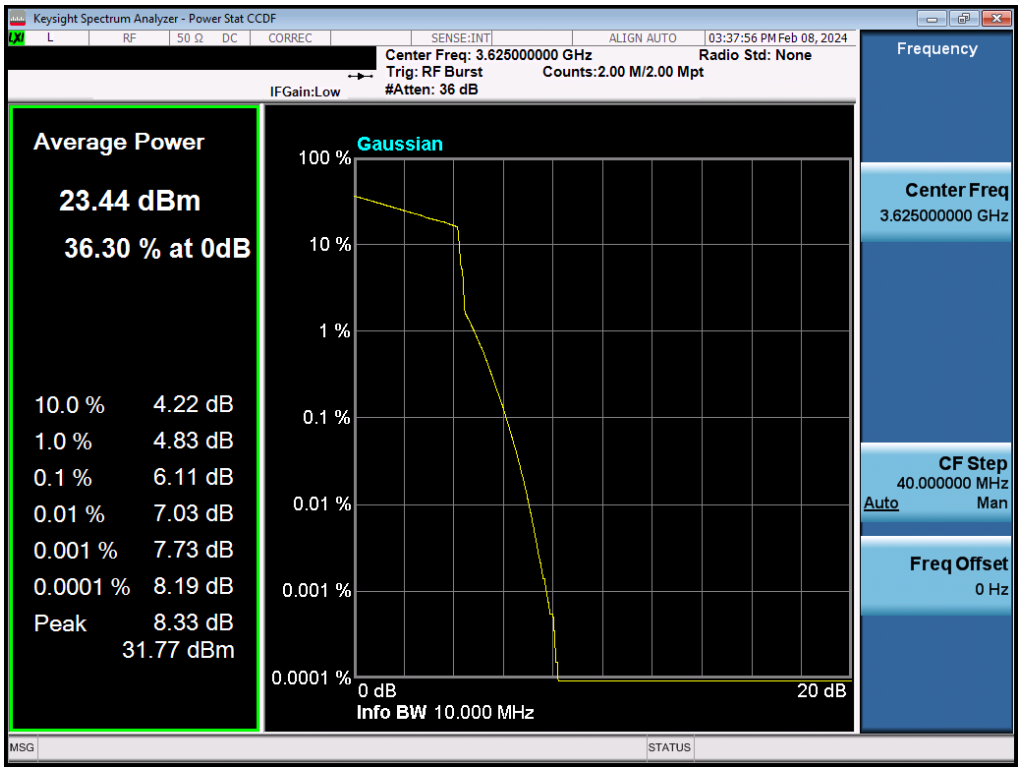
Plot 7.139. Peak to Average Power Ratio Plot (20MHz, 64QAM – Mid Channel) – ANT1



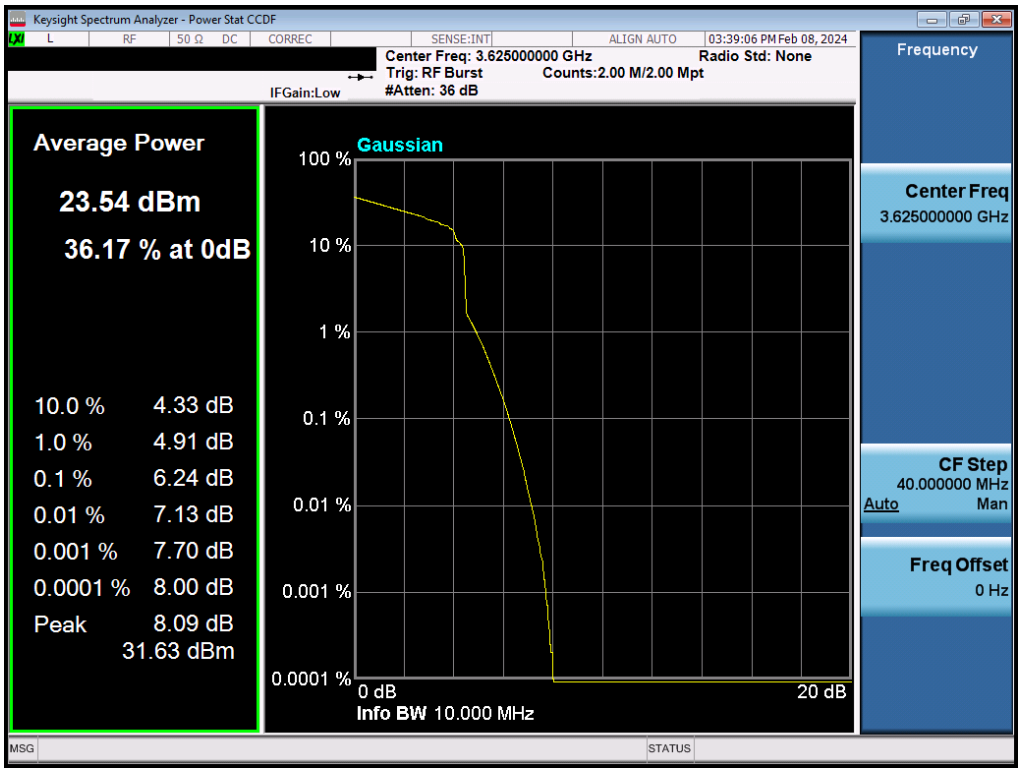
Plot 7.140. Peak to Average Power Ratio Plot (20MHz, 256QAM – Mid Channel) – ANT1



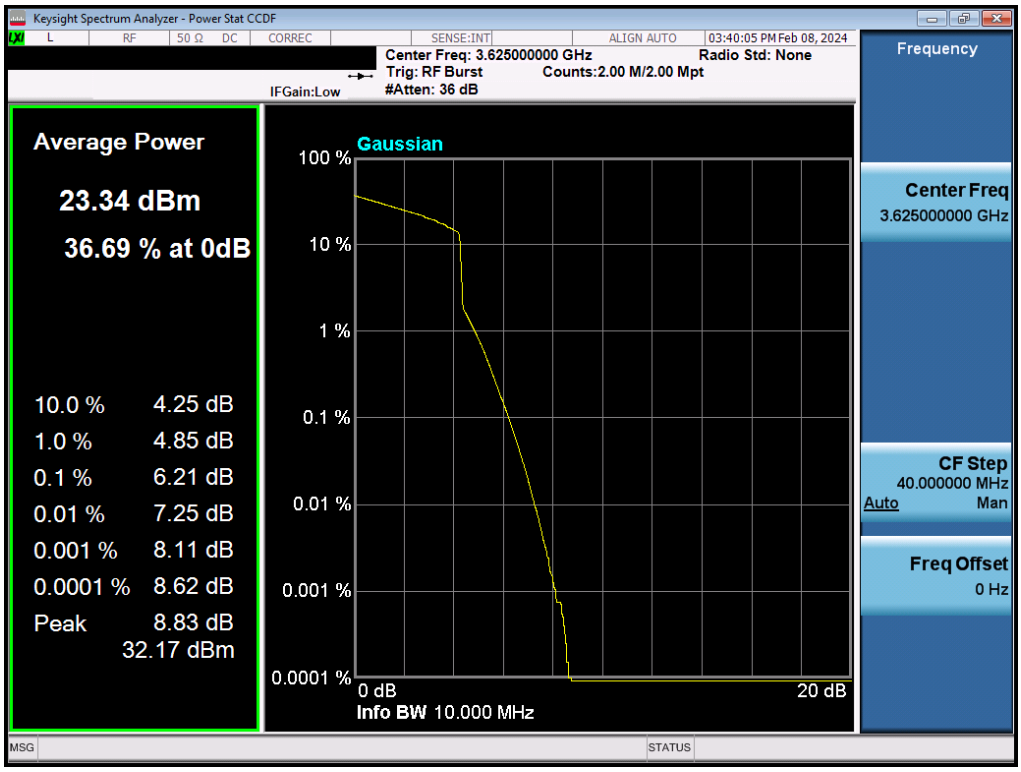
Plot 7.141. Peak to Average Power Ratio Plot (10MHz, QPSK – Mid Channel) – ANT1



Plot 7.142. Peak to Average Power Ratio Plot (10MHz, 16QAM – Mid Channel) – ANT1

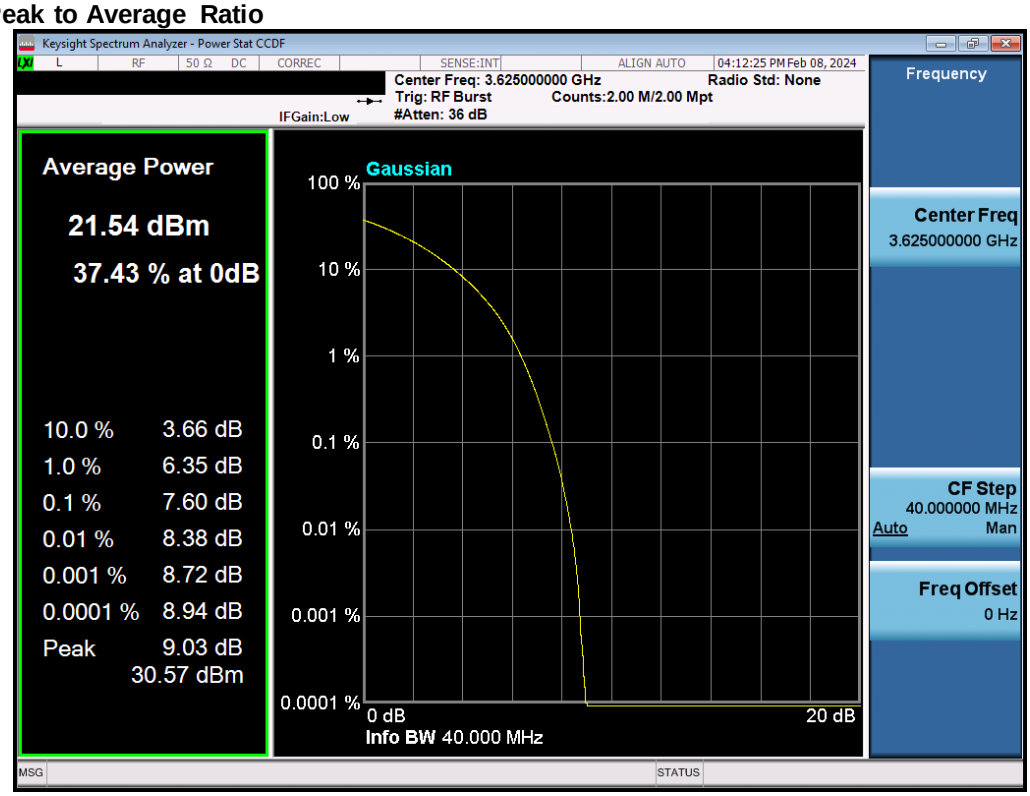


Plot 7.143. Peak to Average Power Ratio Plot (10MHz, 64QAM – Mid Channel) – ANT1

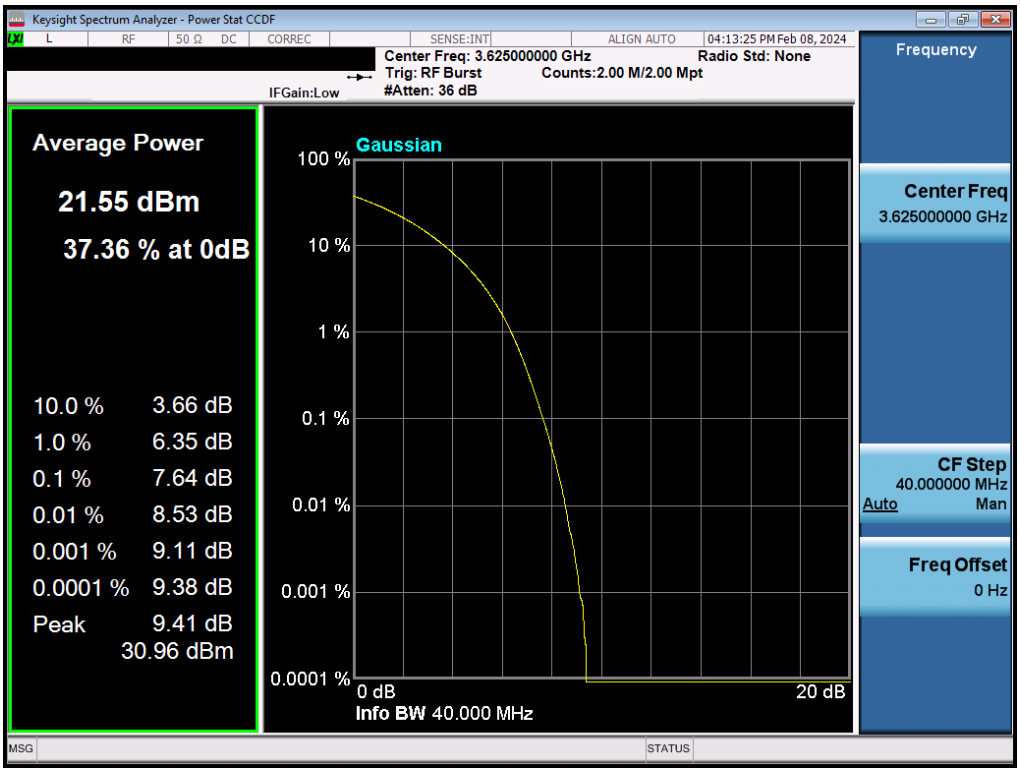


Plot 7.144. Peak to Average Power Ratio Plot (10MHz, 256QAM – Mid Channel) – ANT1

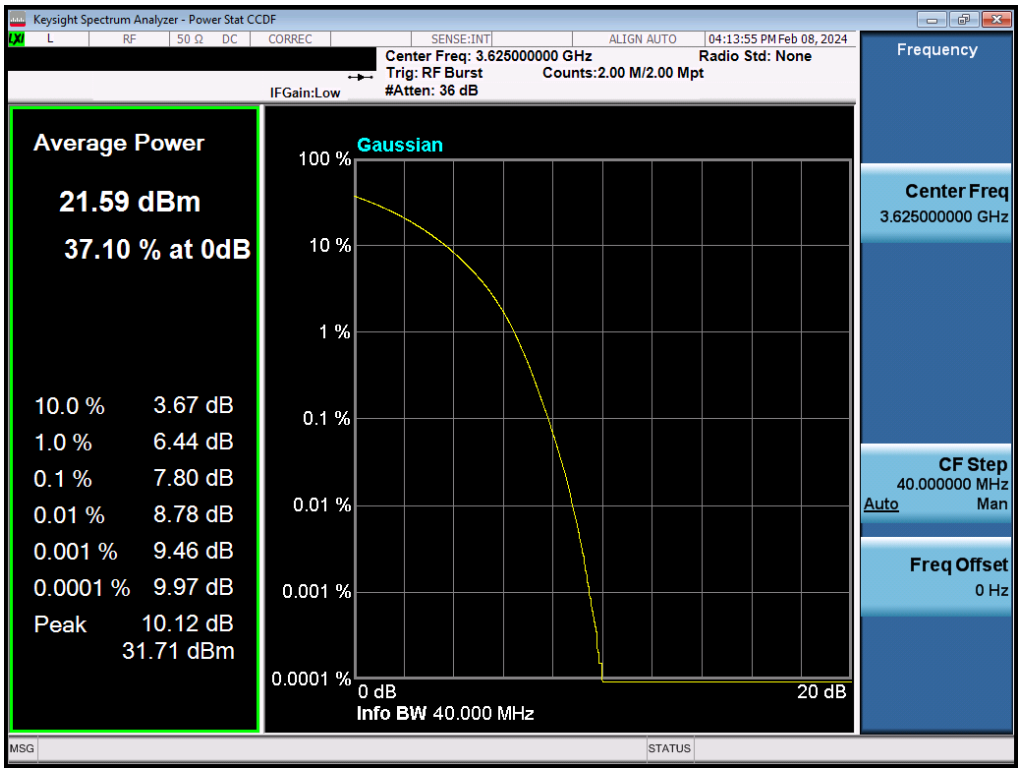
Antenna 2 Peak to Average Ratio



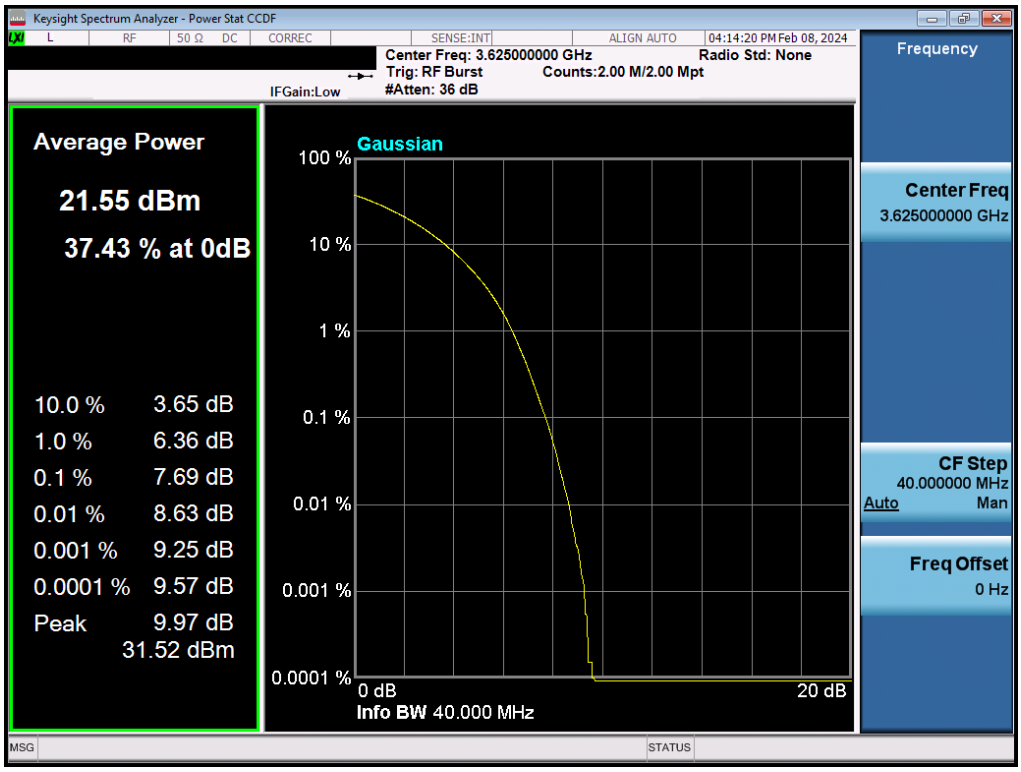
Plot 7.145. Peak to Average Power Ratio Plot (40MHz, QPSK – Mid Channel) – ANT2



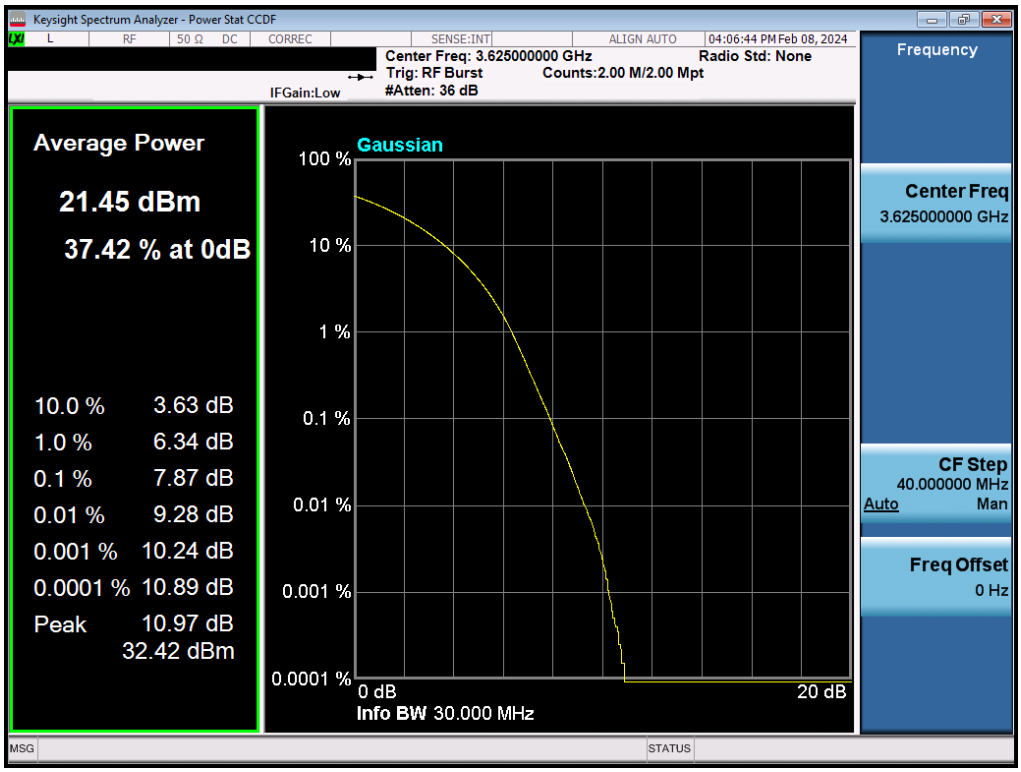
Plot 7.146. Peak to Average Power Ratio Plot (40MHz, 16QAM – Mid Channel) – ANT2



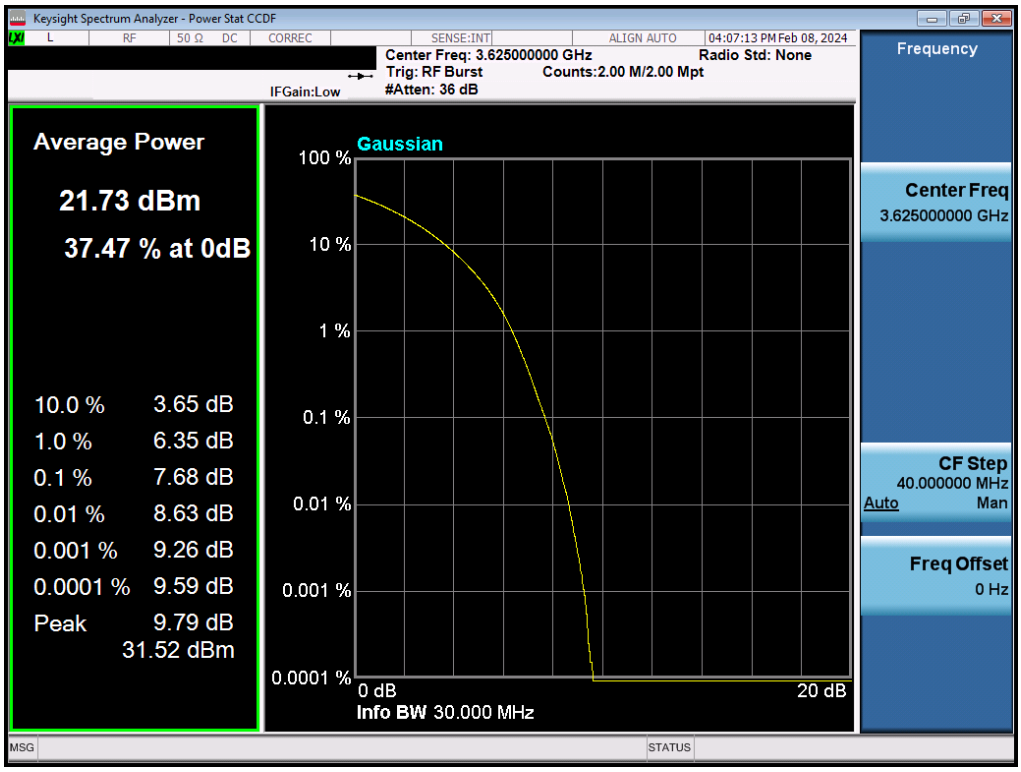
Plot 7.147. Peak to Average Power Ratio Plot (40MHz, 64QAM – Mid Channel) – ANT2



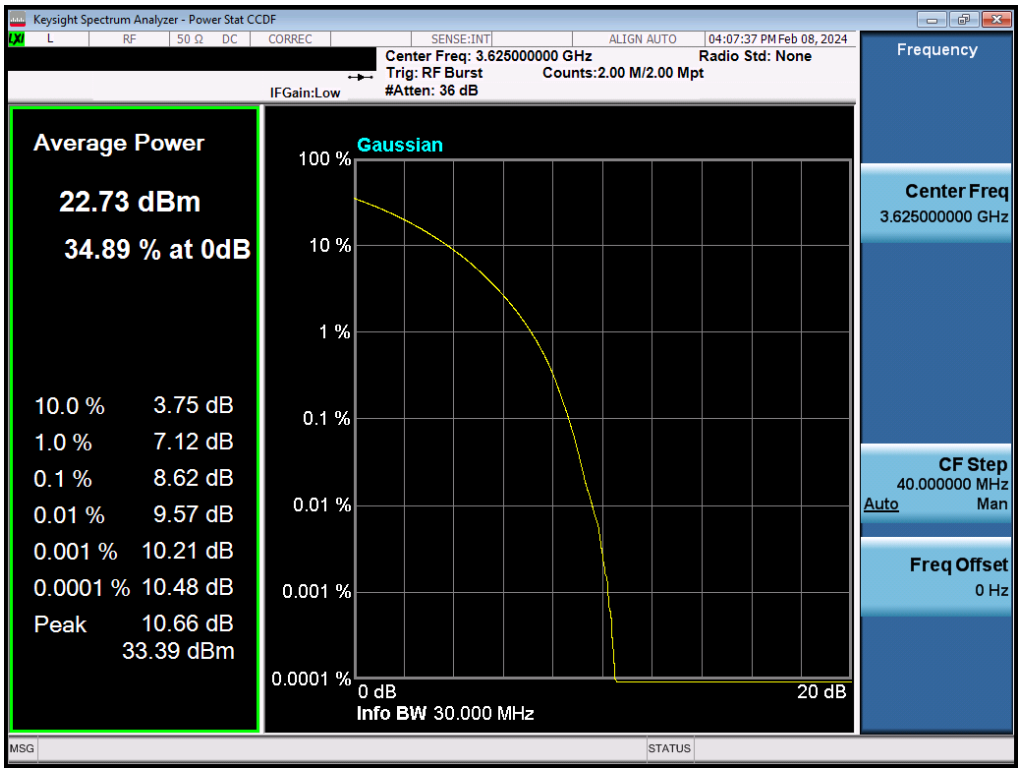
Plot 7.148. Peak to Average Power Ratio Plot (40MHz, 256QAM – Mid Channel) – ANT2



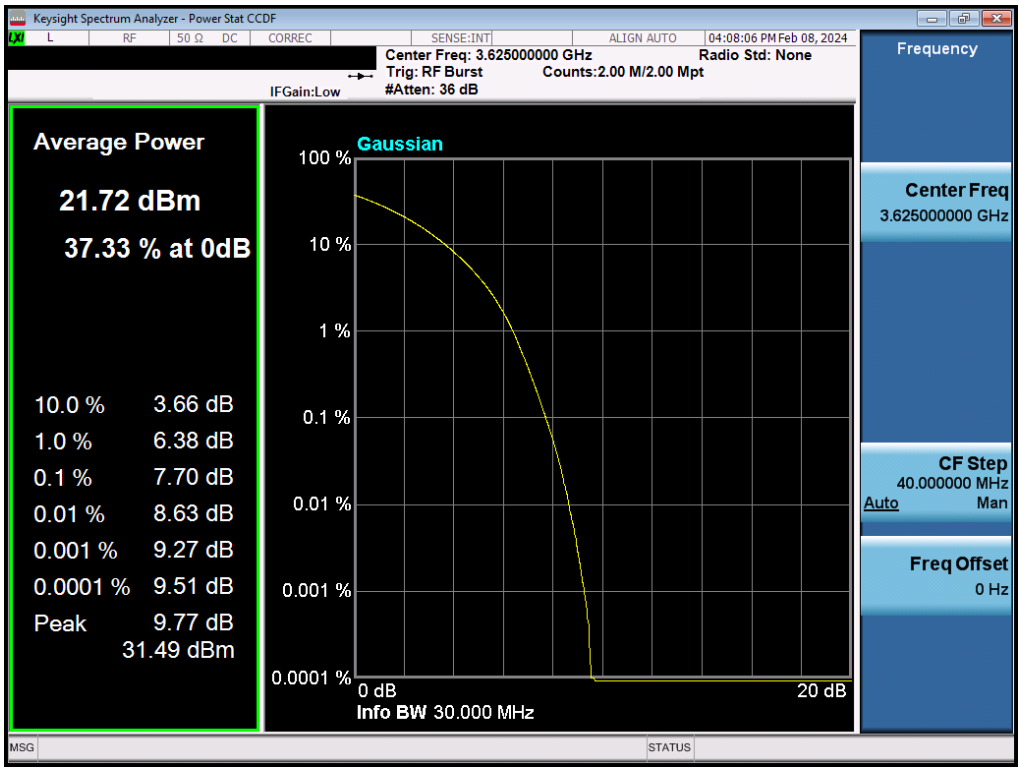
Plot 7.149. Peak to Average Power Ratio Plot (30MHz, QPSK – Mid Channel) – ANT2



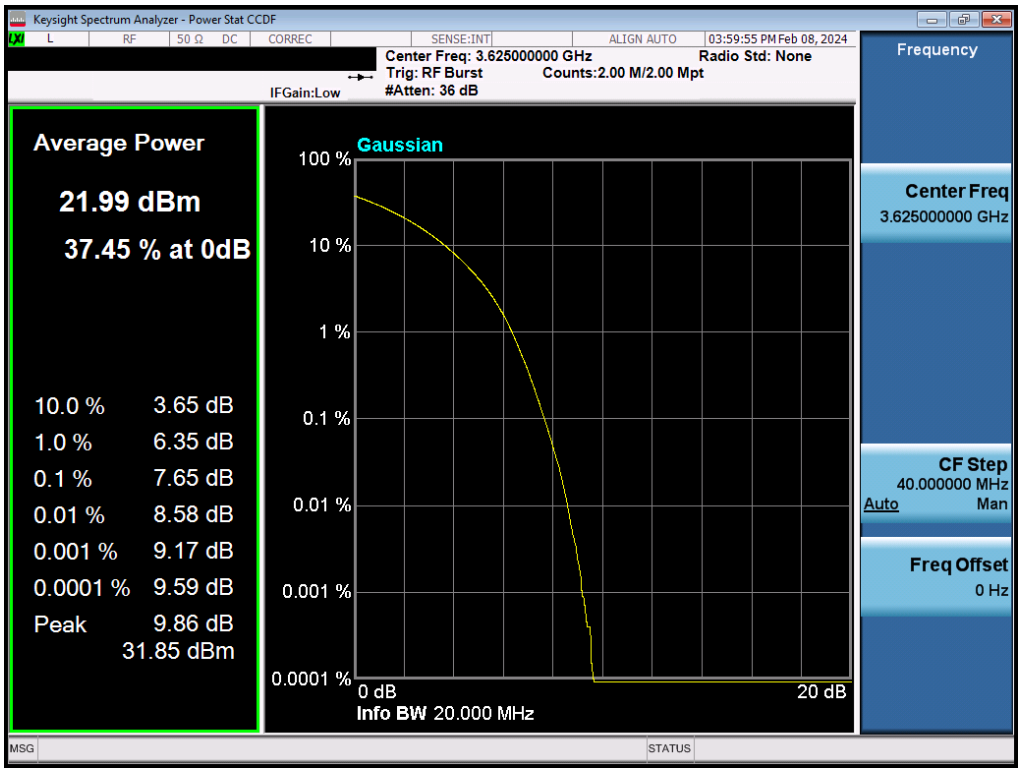
Plot 7.150. Peak to Average Power Ratio Plot (30MHz, 16QAM – Mid Channel) – ANT2



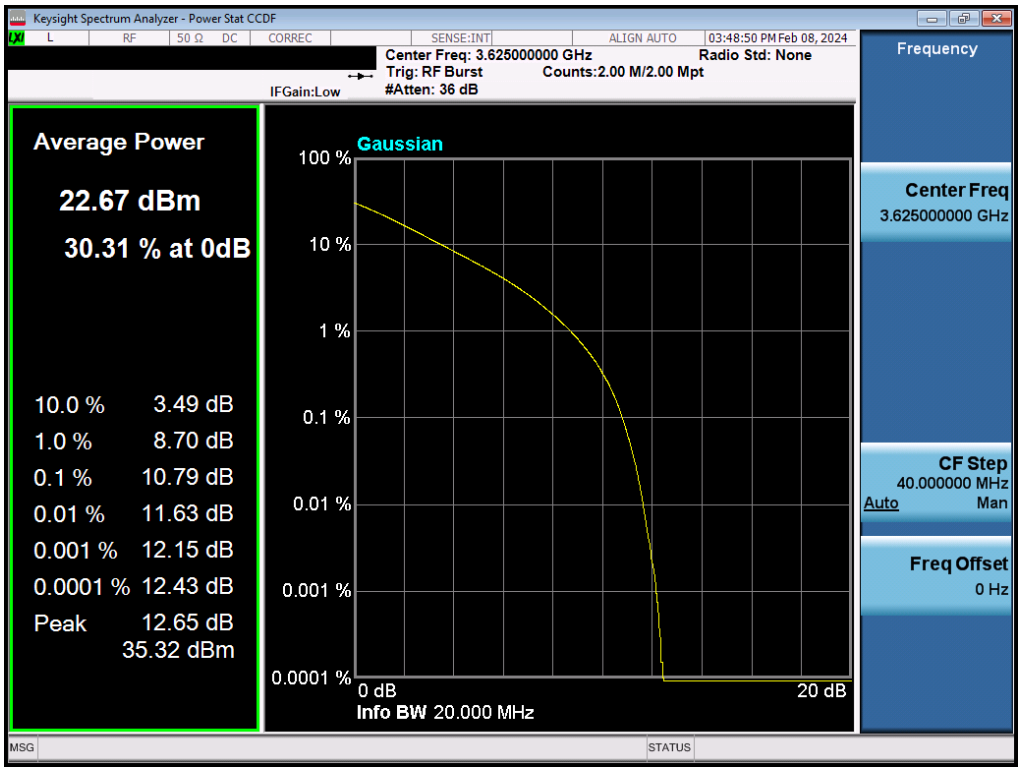
Plot 7.151. Peak to Average Power Ratio Plot (30MHz, 64QAM – Mid Channel) – ANT2



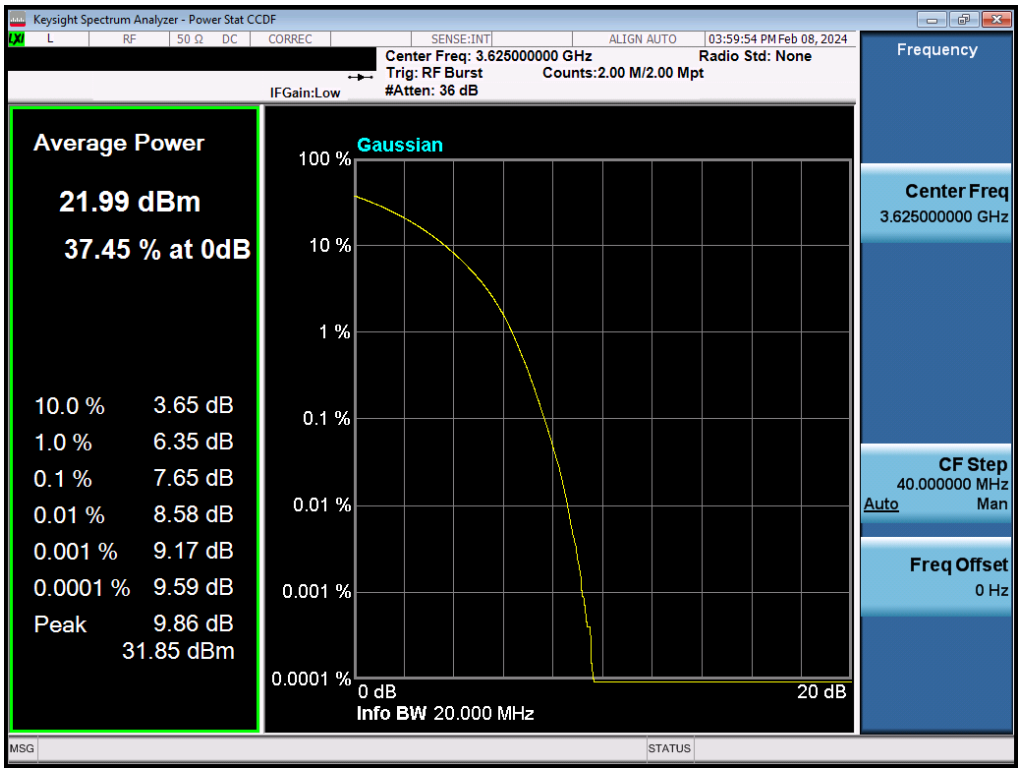
Plot 7.152. Peak to Average Power Ratio Plot (30MHz, 256QAM – Mid Channel) – ANT2



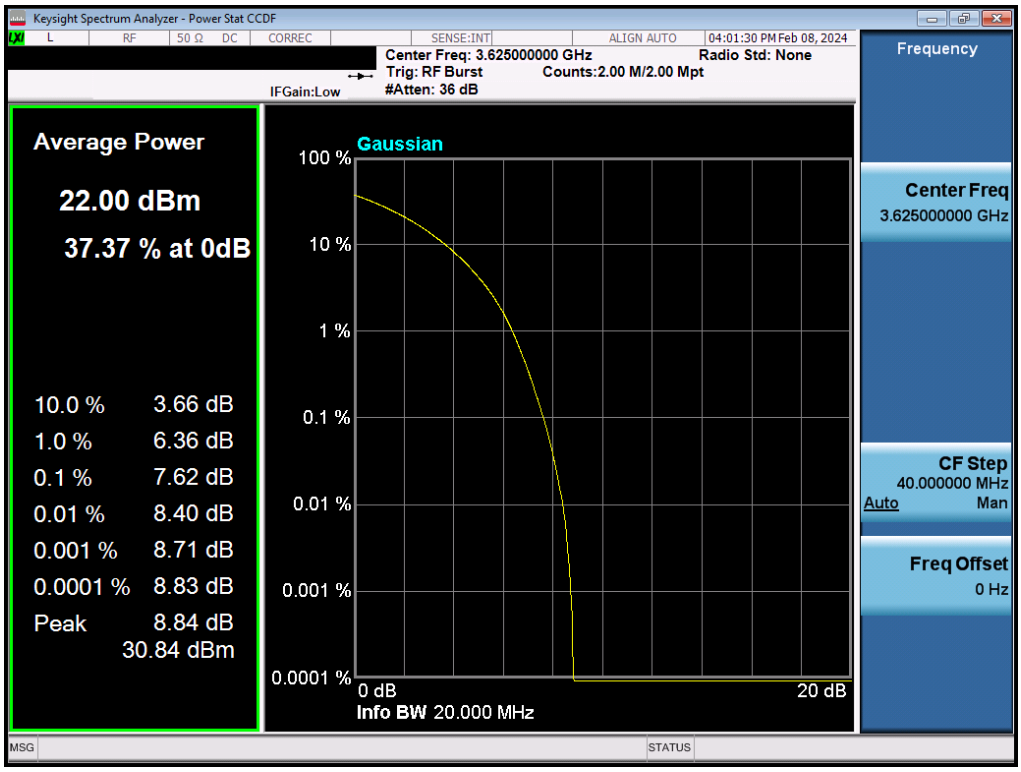
Plot 7.153. Peak to Average Power Ratio Plot (20MHz, QPSK – Mid Channel) – ANT2



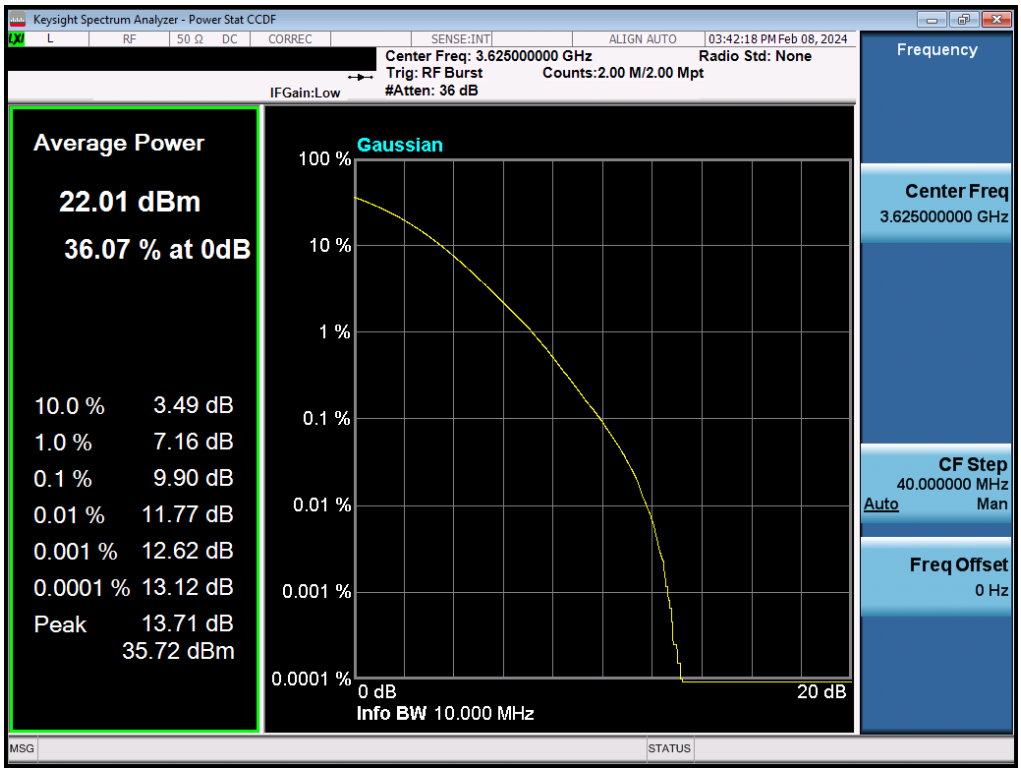
Plot 7.154. Peak to Average Power Ratio Plot (20MHz, 16QAM – Mid Channel) – ANT2



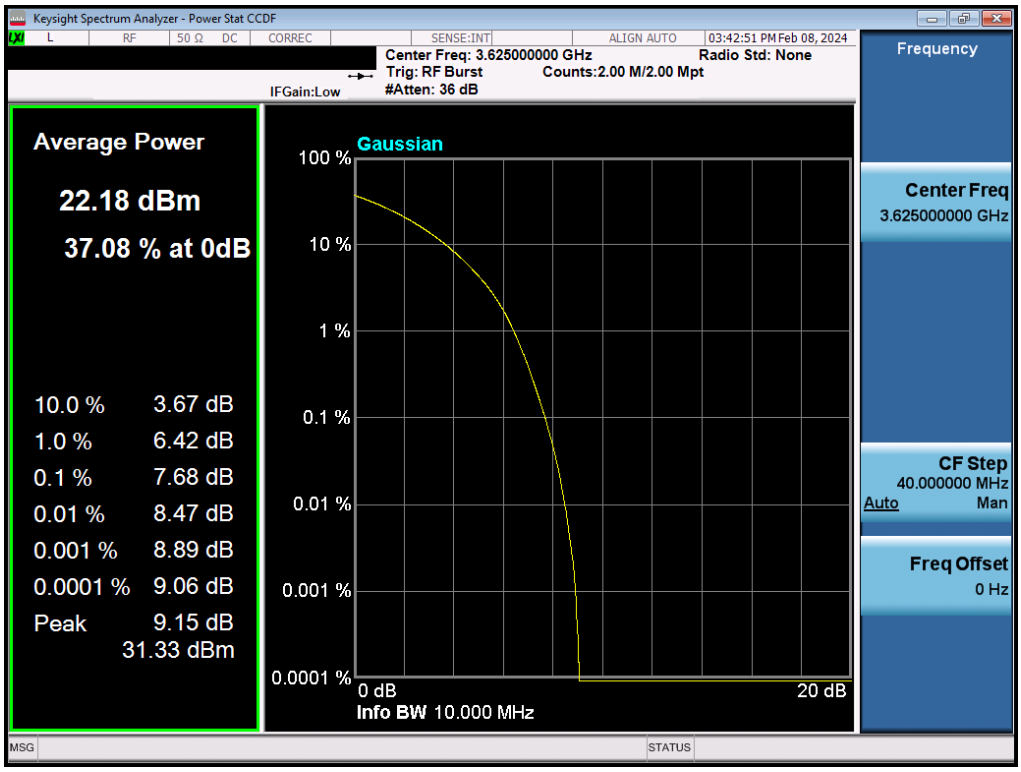
Plot 7.155. Peak to Average Power Ratio Plot (20MHz, 64QAM – Mid Channel) – ANT2



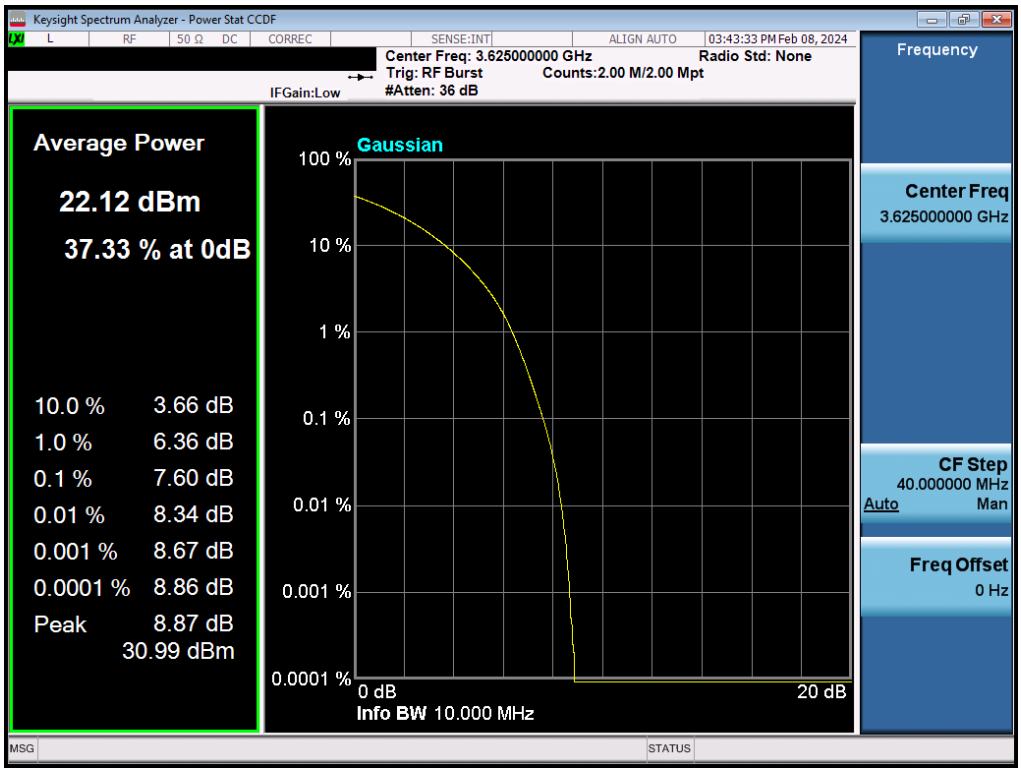
Plot 7.156. Peak to Average Power Ratio Plot (20MHz, 256QAM – Mid Channel) – ANT2



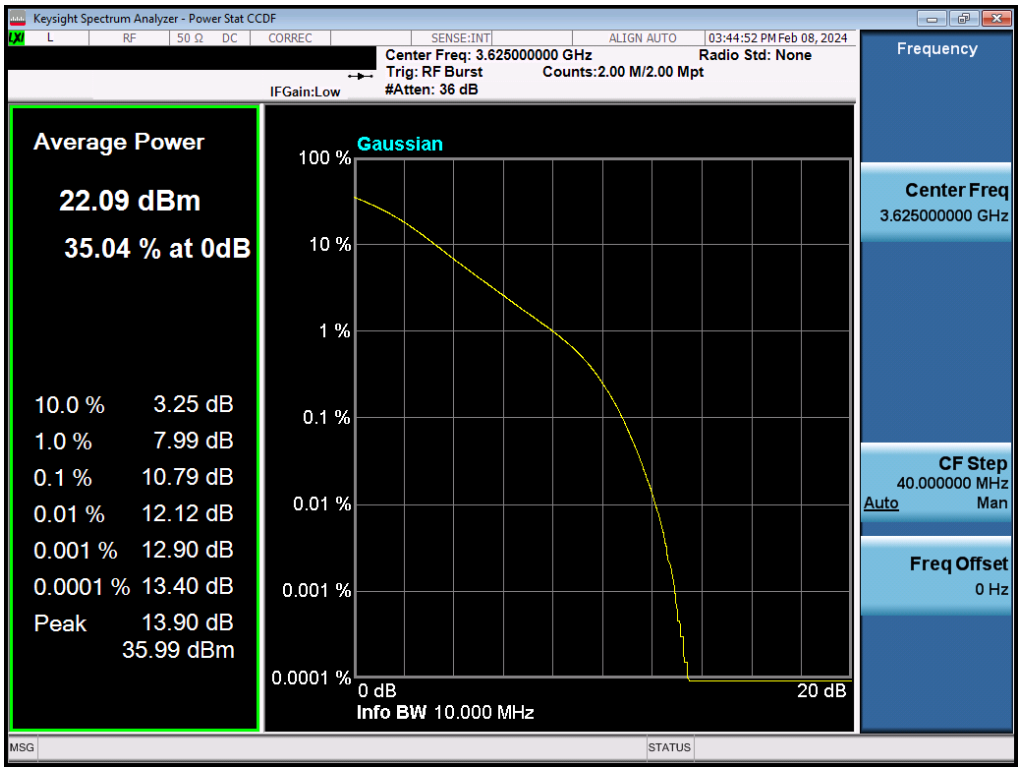
Plot 7.157. Peak to Average Power Ratio Plot (10MHz, QPSK – Mid Channel) – ANT2



Plot 7.158. Peak to Average Power Ratio Plot (10MHz, 16QAM – Mid Channel) – ANT2



Plot 7.159. Peak to Average Power Ratio Plot (10MHz, 64QAM – Mid Channel) – ANT2



Plot 7.160. Peak to Average Power Ratio Plot (10MHz, 256QAM – Mid Channel) – ANT2

7.7 Spurious and Harmonic Emissions at Antenna Terminal

Test Overview

The level of the carrier and the various conducted spurious and harmonic frequencies is measured by means of a calibrated spectrum analyzer. The spectrum is scanned from the lowest frequency generated in the equipment up to a frequency including its 10th harmonic. All out of band emissions are measured with a spectrum analyzer connected to the antenna terminal of the EUT while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies. All data rates were investigated to determine the worst-case configuration. All modes of operation were investigated and the worst-case configuration results are reported in this section.

The conducted power of any emissions below 3530 MHz or above 3720 MHz shall not exceed -40 dBm/Mhz.

Test Procedure Used

ANSI C63.26-2015 – Section 5.7.4

Test Settings

1. Start frequency was set to 30MHz and stop frequency was set to at least 10 * the fundamental frequency (separated into at least two plots per channel)
2. Detector = RMS
3. Trace mode = Max Hold
4. Sweep time = auto couple
5. The trace was allowed to stabilize
6. Please see test notes below for RBW and VBW settings

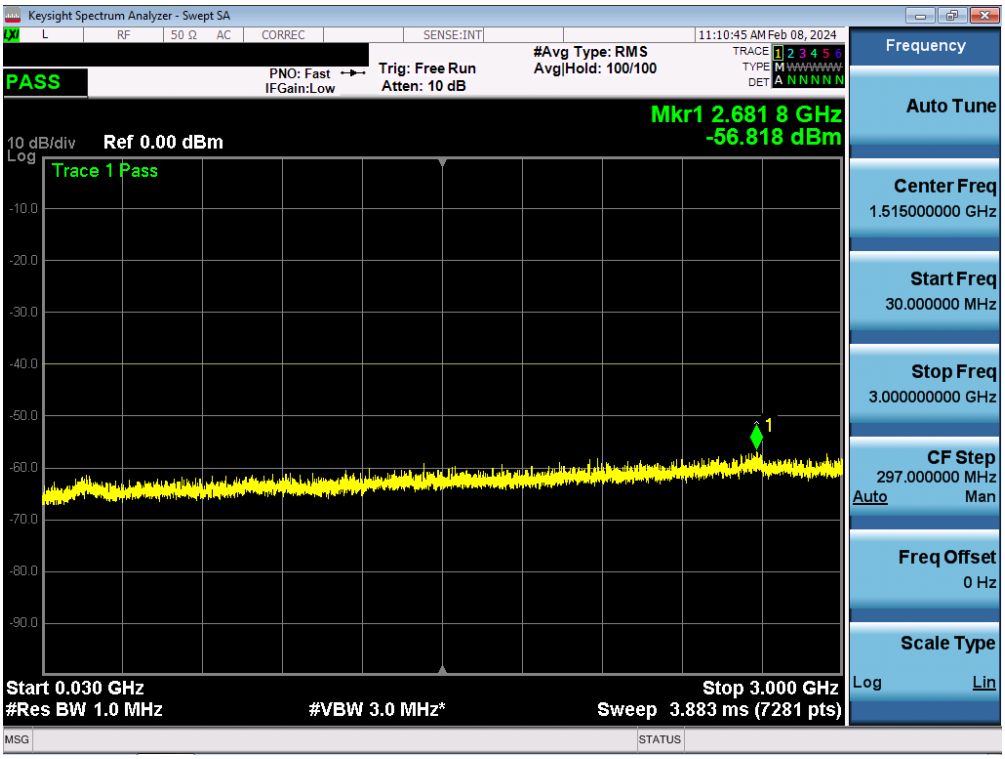
Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.

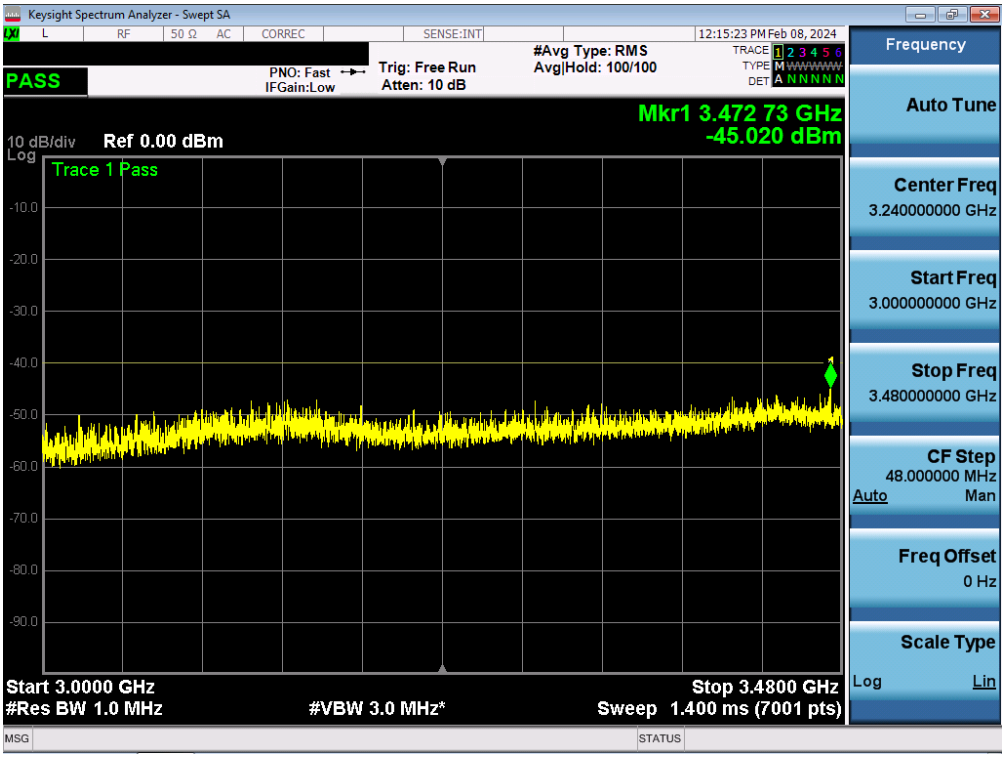
Figure 7-6. Test Instrument & Measurement Setup

Test Notes

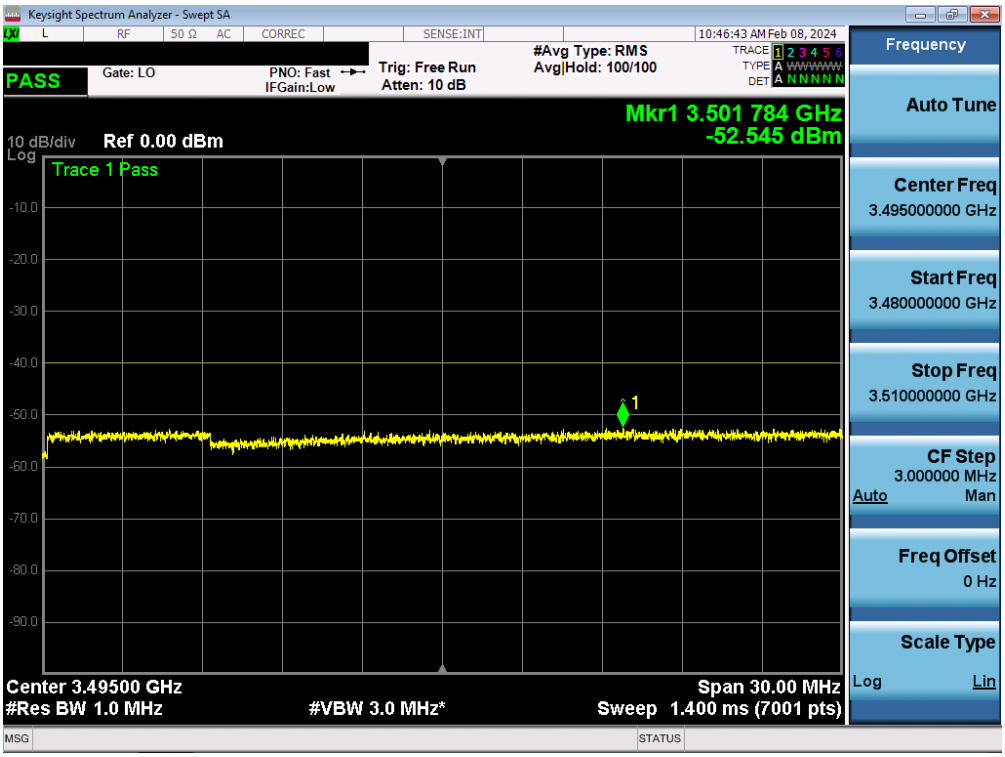
1. Compliance with the applicable limits is based on the use of measurement instrumentation employing a resolution bandwidth of 1 MHz.
2. The Plots in this section have a 3dB correction applied to the individual plots to address the MIMO requirements in ANSI C63.26
3. Unwanted emissions between 3510MHz and 3530MHz, as well as between 3720 MHz and 3740 MHz, are observed and reported in section 7.8.



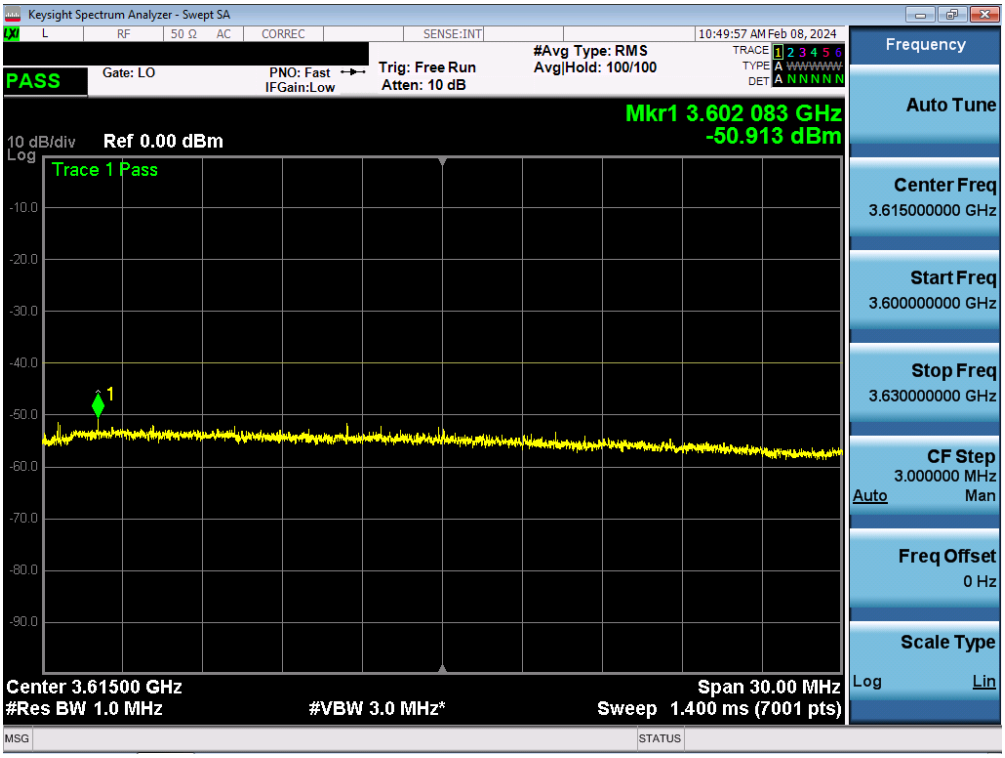
Plot 7.161. Conducted Spurious Plot (10MHz QPSK, Low Channel – ANT1)



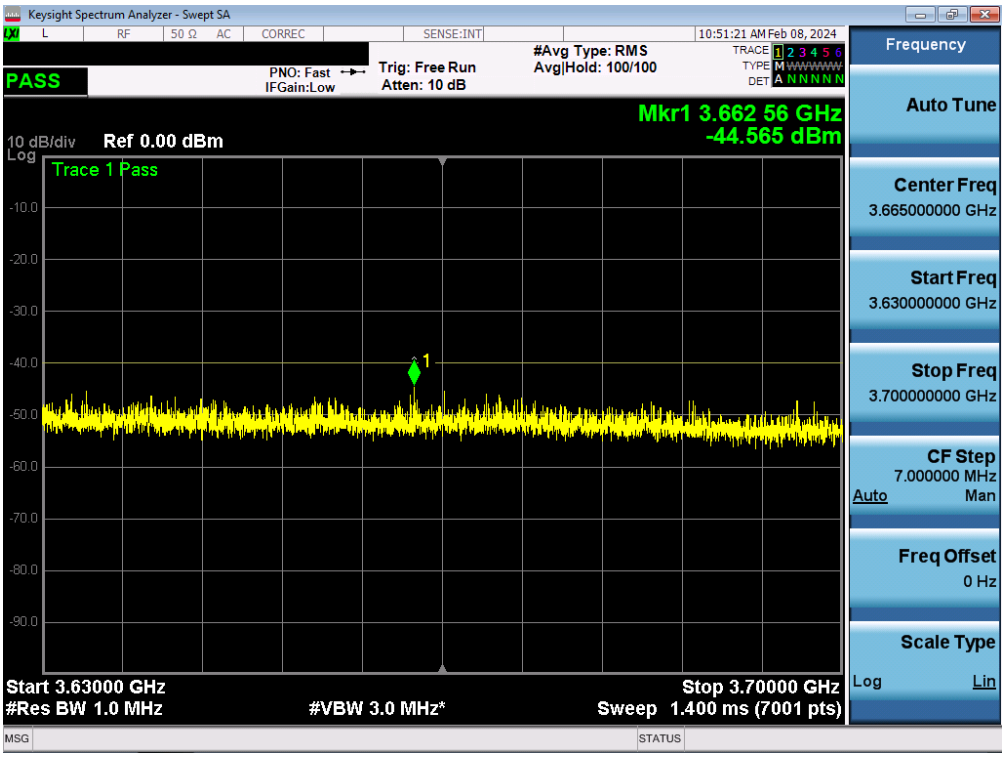
Plot 7.162. Conducted Spurious Plot (10MHz QPSK, Low Channel – ANT1)



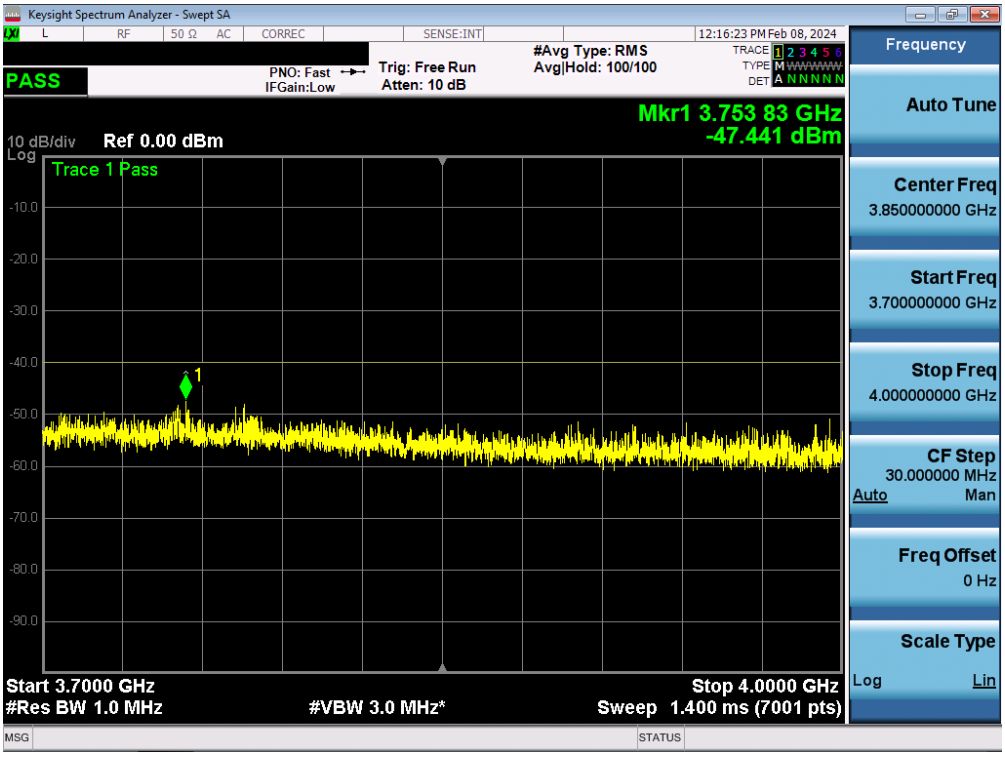
Plot 7.163. Conducted Spurious Plot (10MHz QPSK, Low Channel – ANT1)



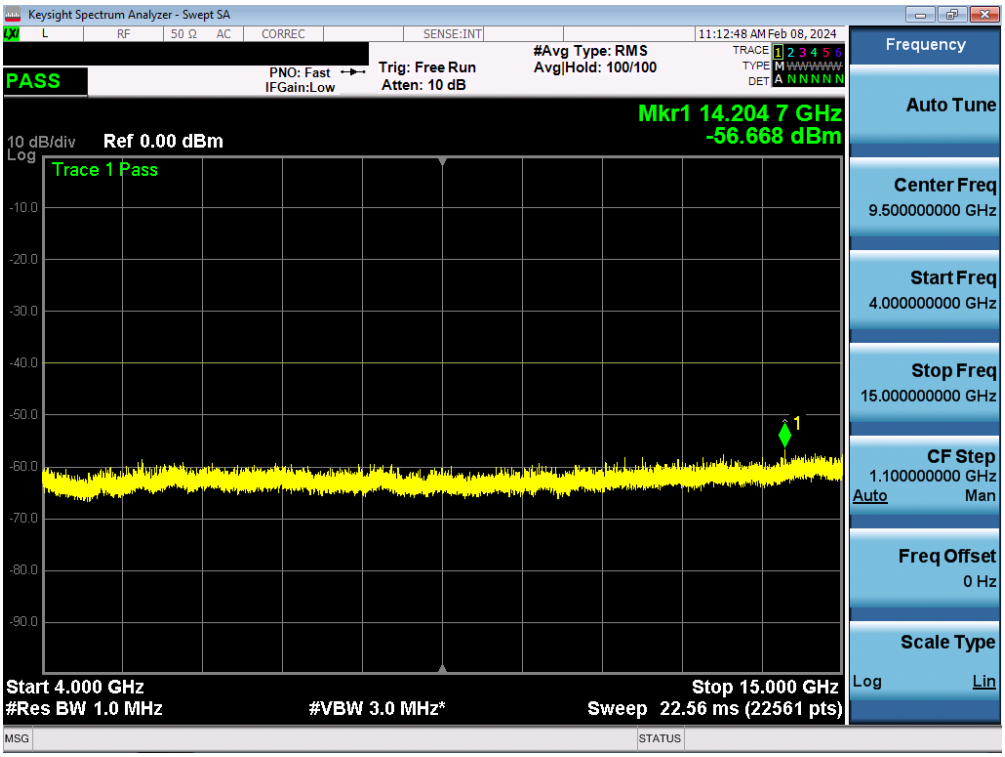
Plot 7.164. Conducted Spurious Plot (10MHz QPSK, Low Channel – ANT1)



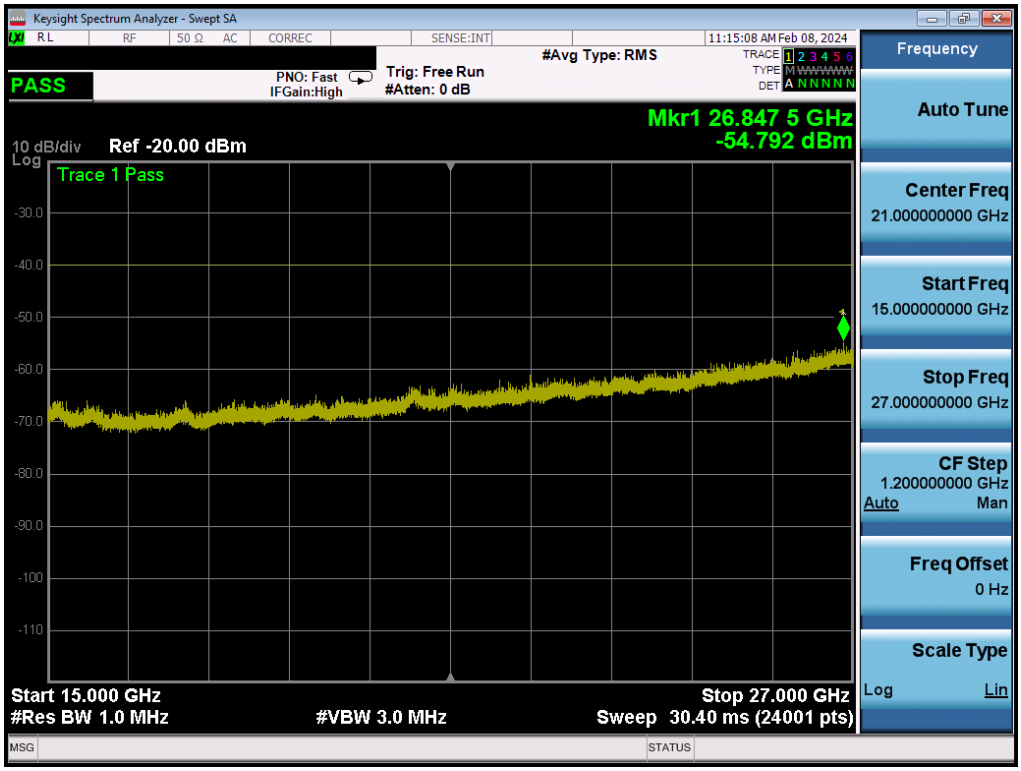
Plot 7.165. Conducted Spurious Plot (10MHz QPSK, Low Channel – ANT1)



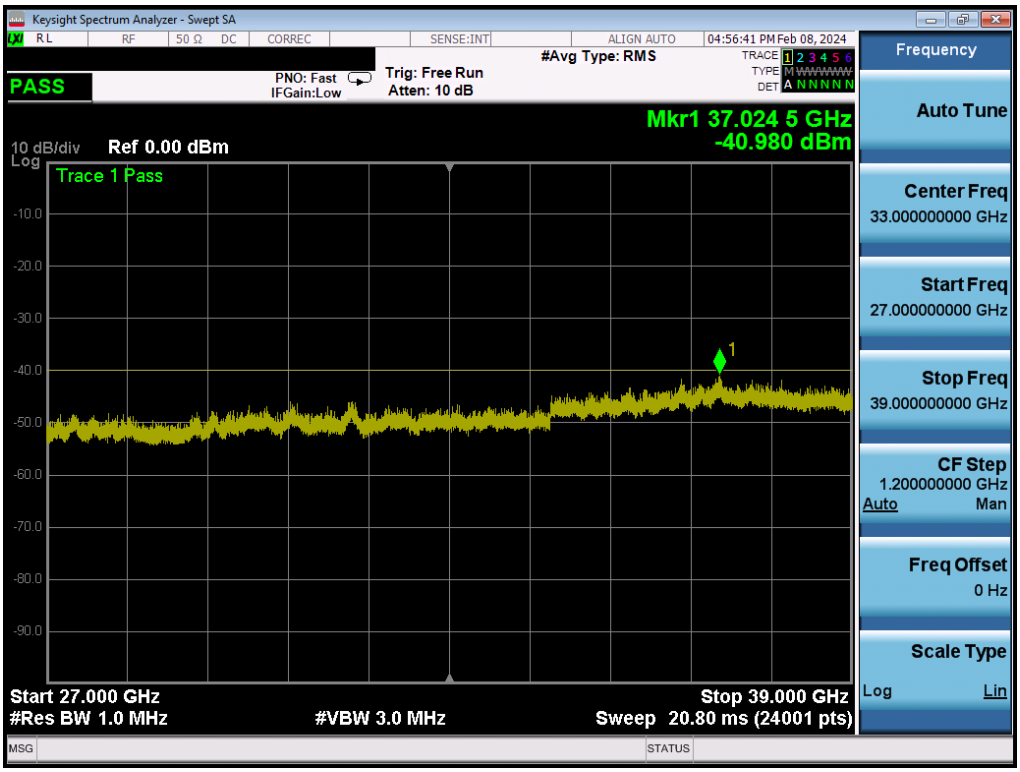
Plot 7.166. Conducted Spurious Plot (10MHz QPSK, Low Channel – ANT1)



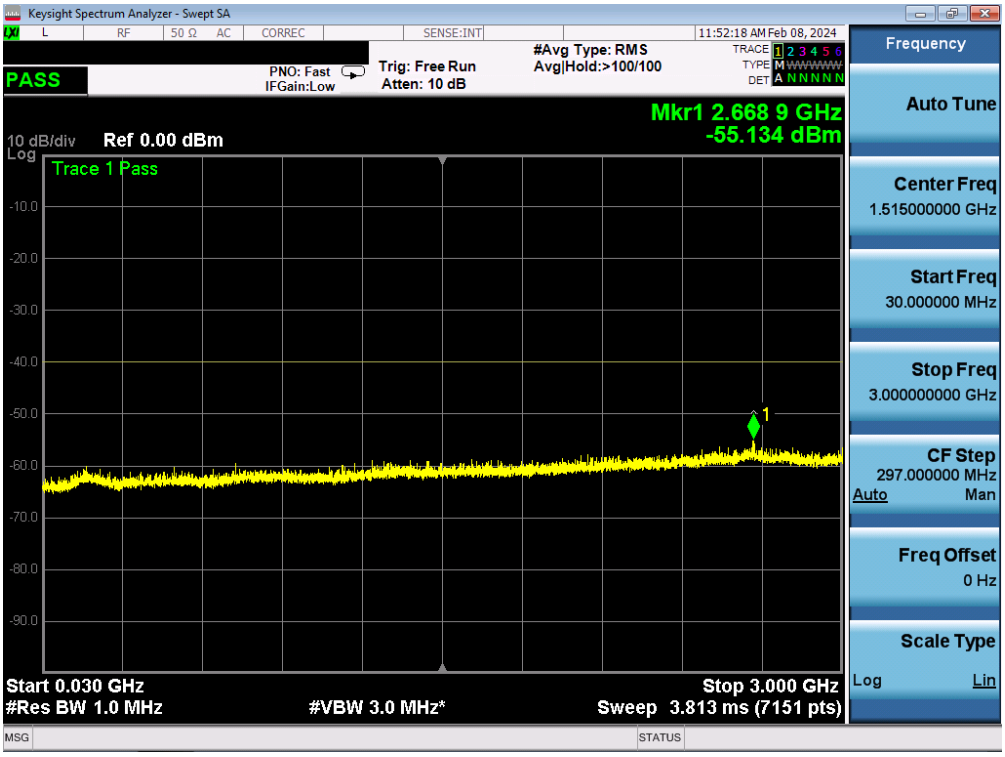
Plot 7.167. Conducted Spurious Plot (10MHz QPSK, Low Channel – ANT1)



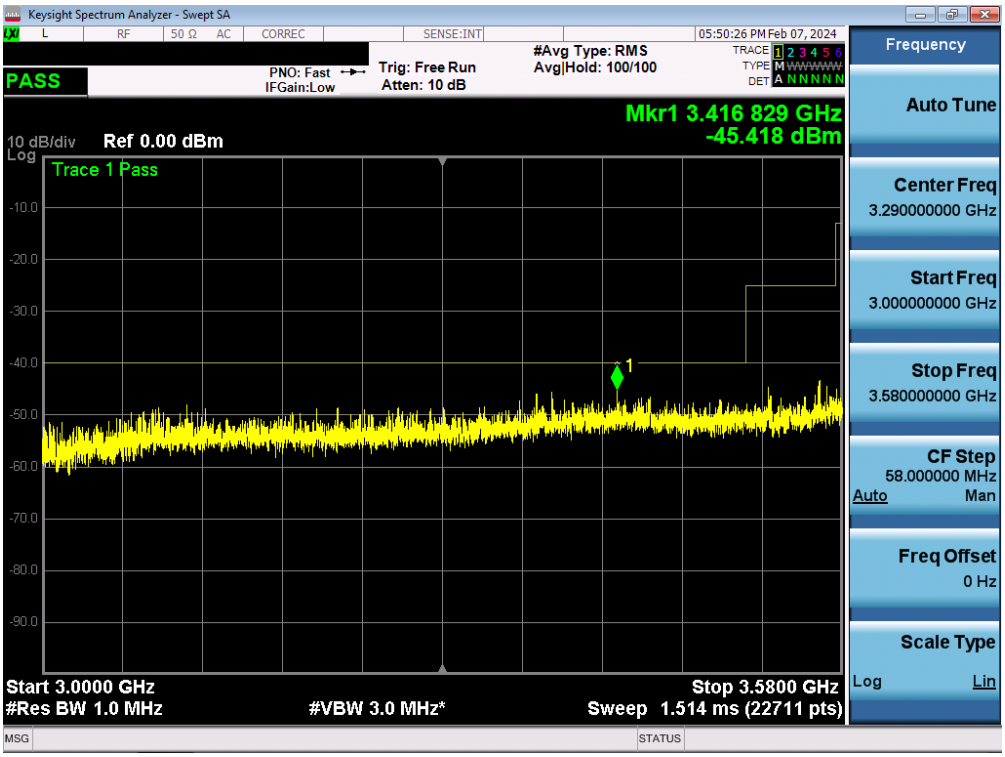
Plot 7.168. Conducted Spurious Plot (10MHz QPSK, Low Channel – ANT1)



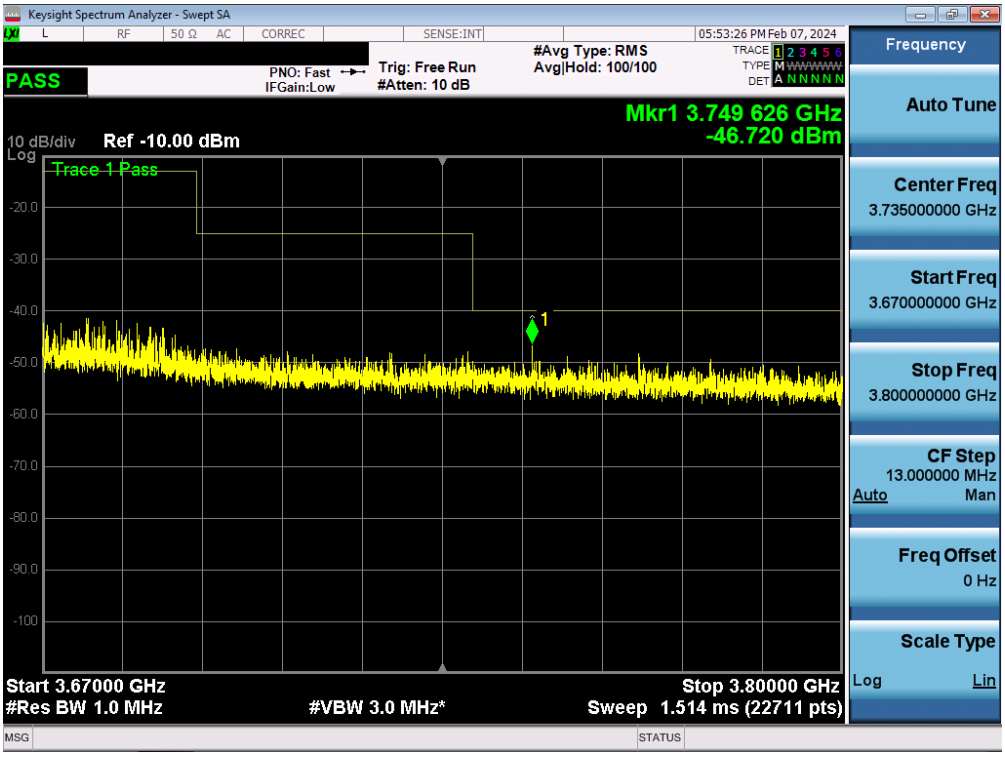
Plot 7.169. Conducted Spurious Plot (10MHz QPSK, Low Channel – ANT1)



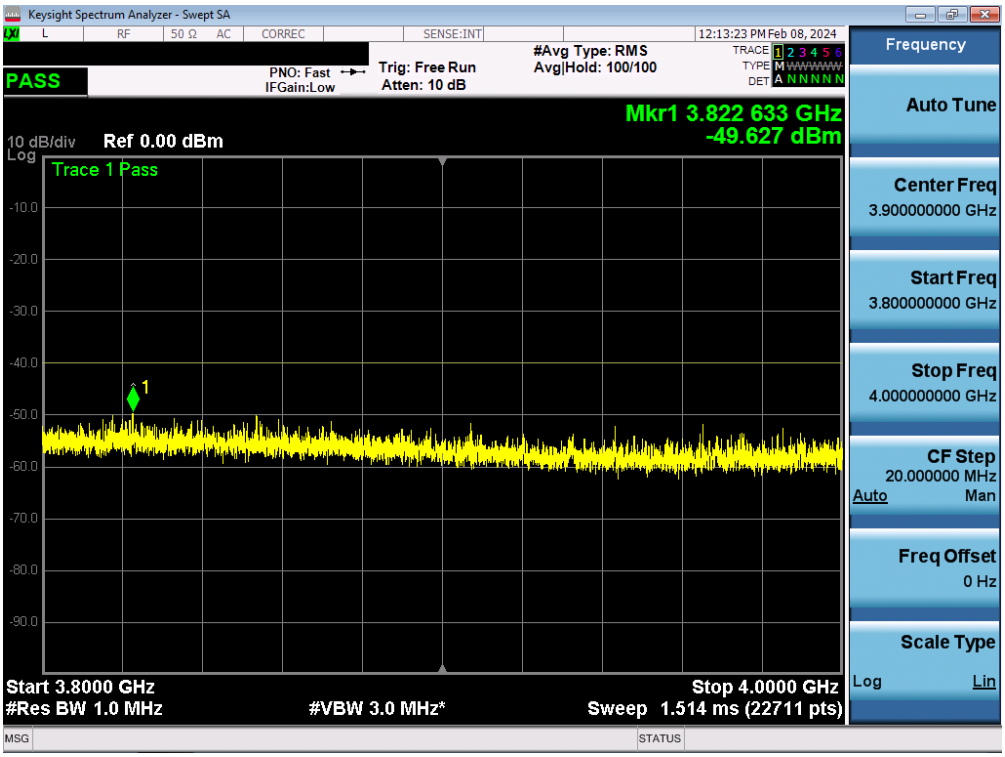
Plot 7.170. Conducted Spurious Plot (10MHz QPSK, Mid Channel – ANT1)



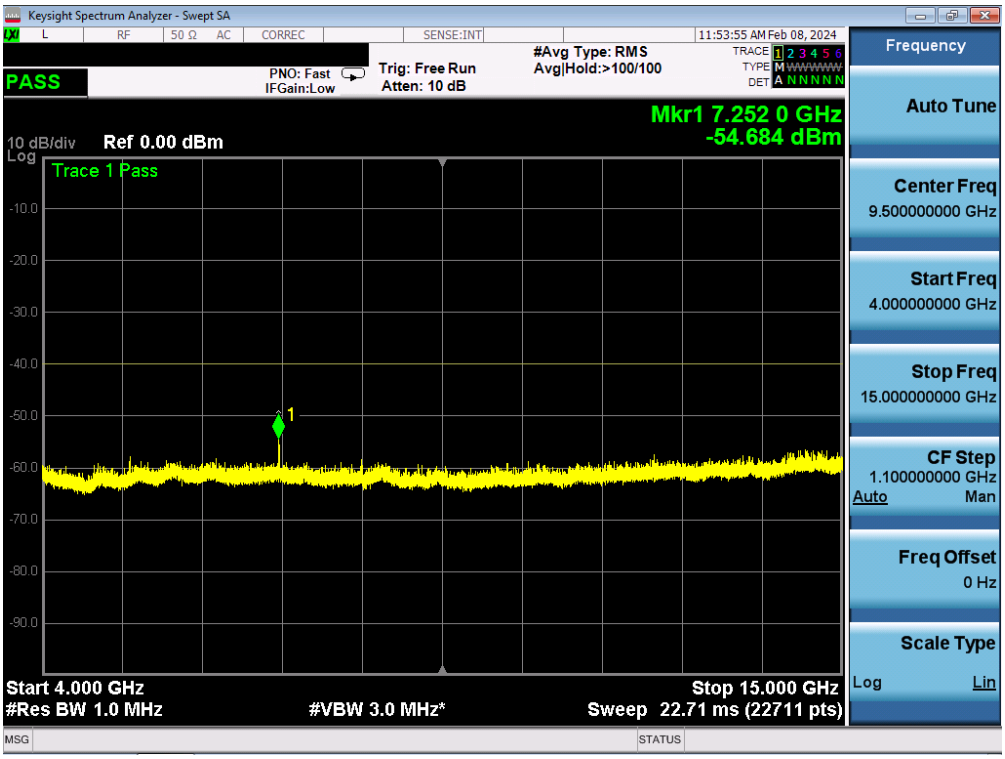
Plot 7.171. Conducted Spurious Plot (10MHz QPSK, Mid Channel – ANT1)



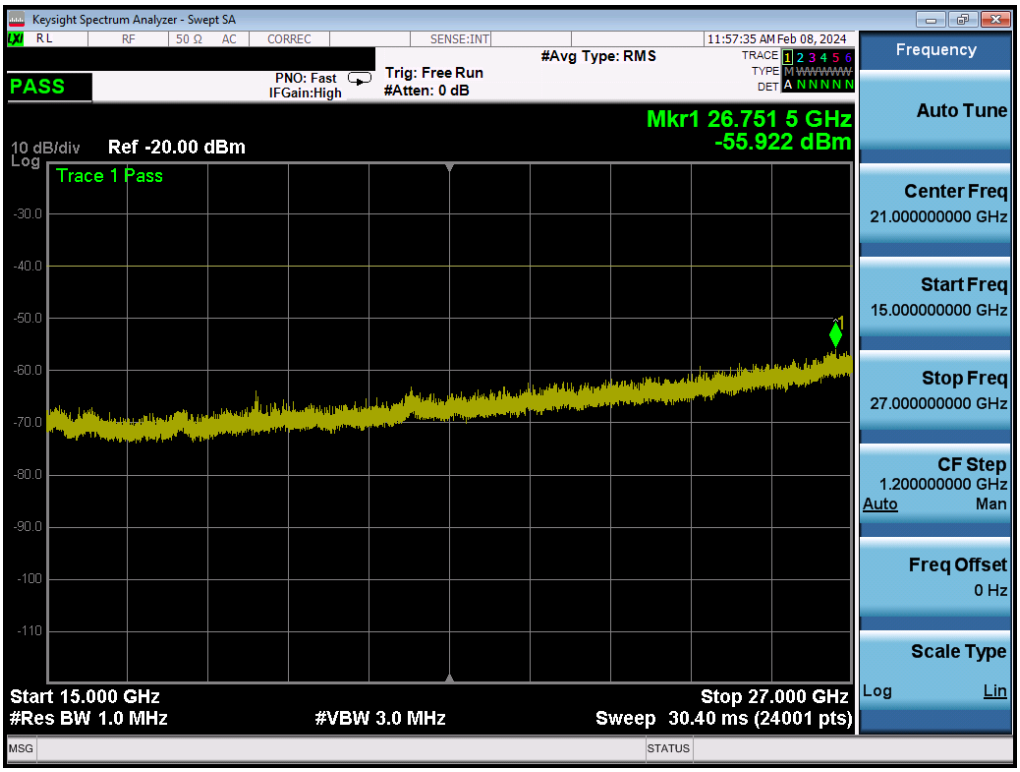
Plot 7.172. Conducted Spurious Plot (10MHz QPSK, Mid Channel – ANT1)



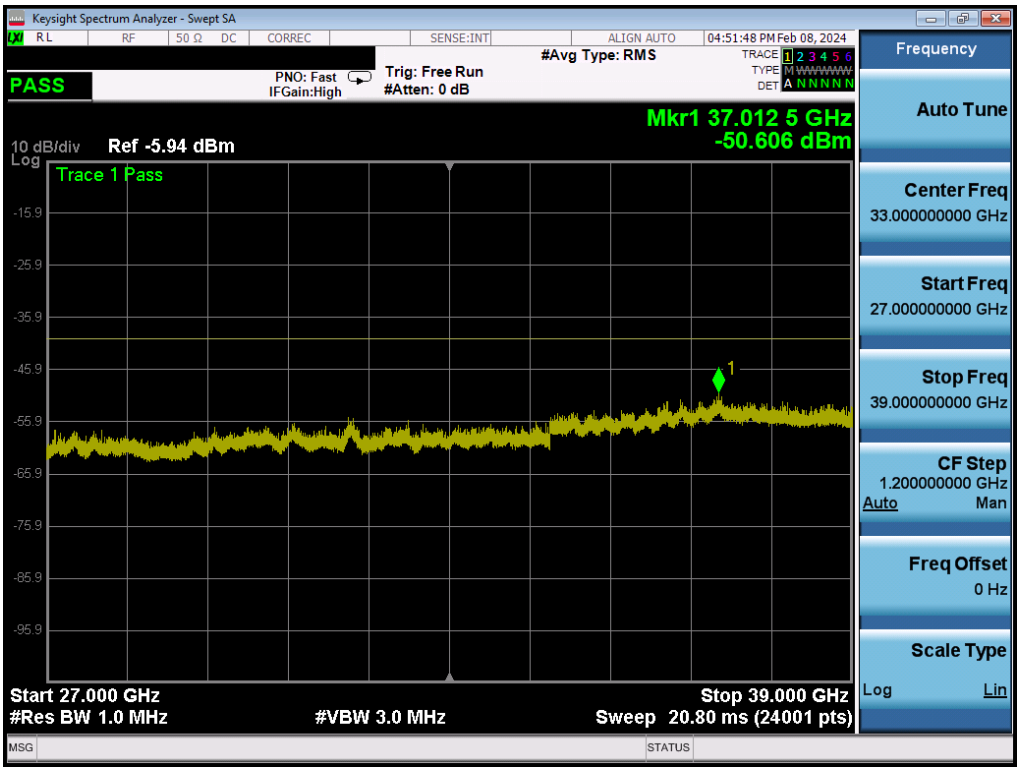
Plot 7.173. Conducted Spurious Plot (10MHz QPSK, Mid Channel – ANT1)



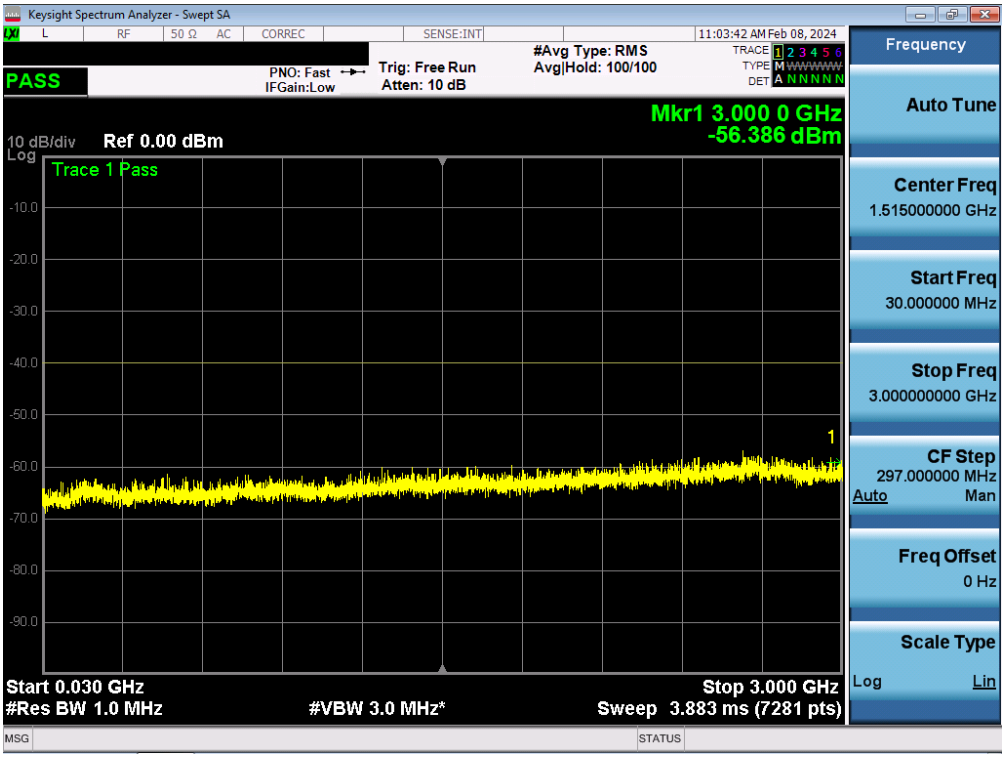
Plot 7.174. Conducted Spurious Plot (10MHz QPSK, Mid Channel – ANT1)



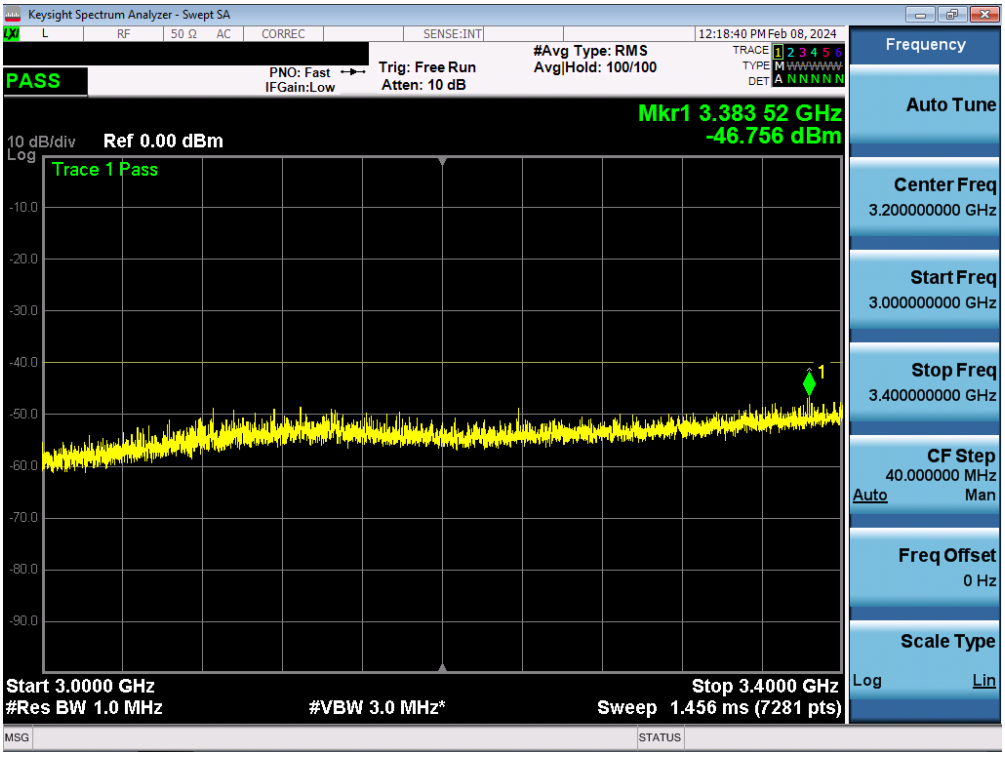
Plot 7.175. Conducted Spurious Plot (10MHz QPSK, Mid Channel – ANT1)



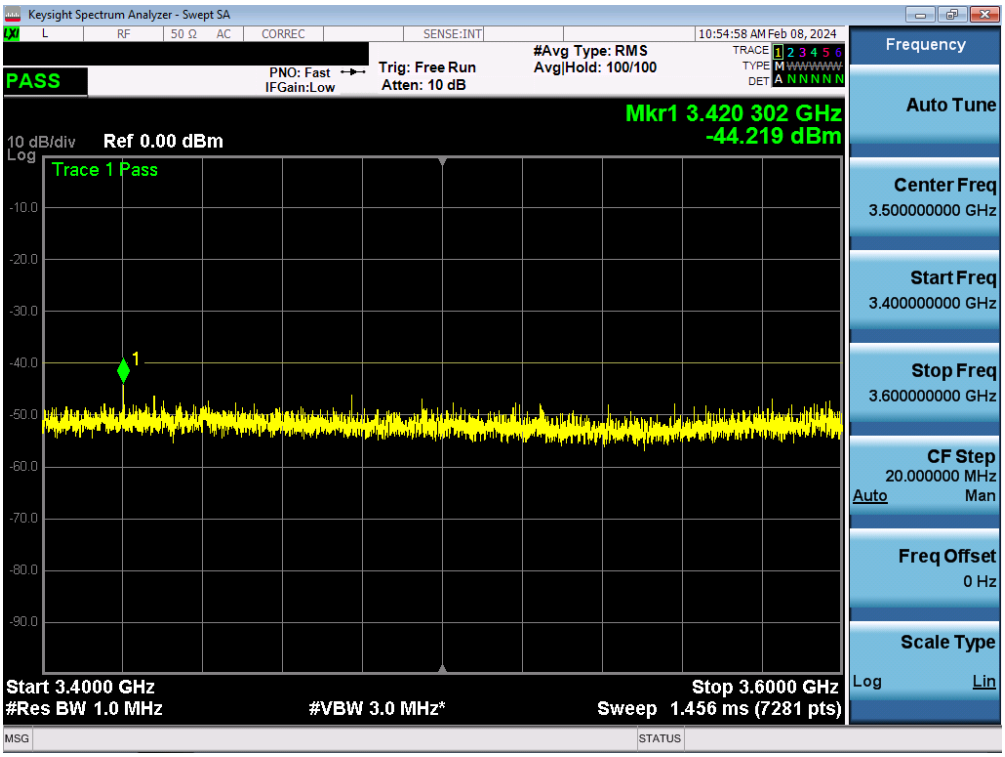
Plot 7.176. Conducted Spurious Plot (10MHz QPSK, Mid Channel – ANT1)



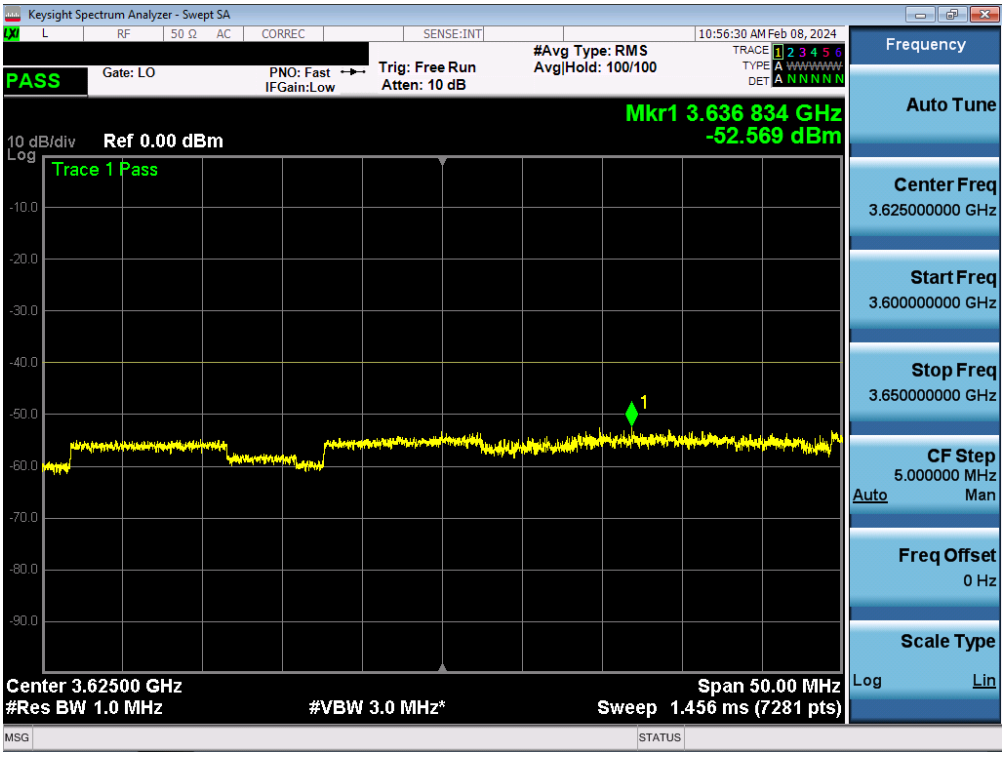
Plot 7.177. Conducted Spurious Plot (10MHz QPSK, High Channel – ANT1)



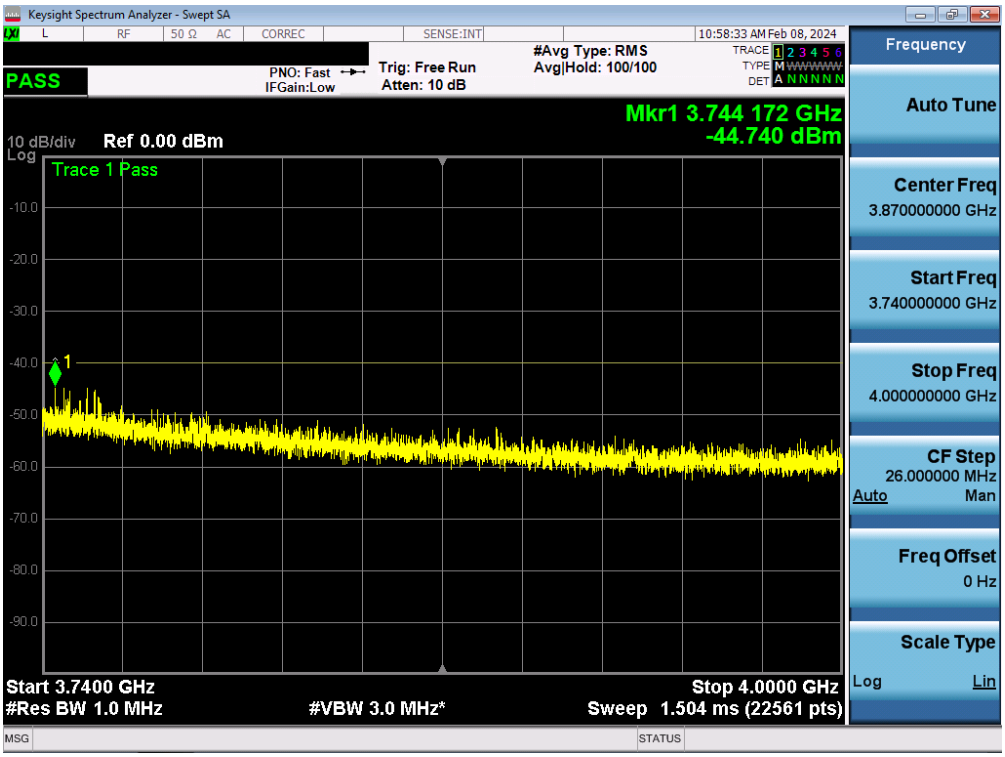
Plot 7.178. Conducted Spurious Plot (10MHz QPSK, High Channel – ANT1)



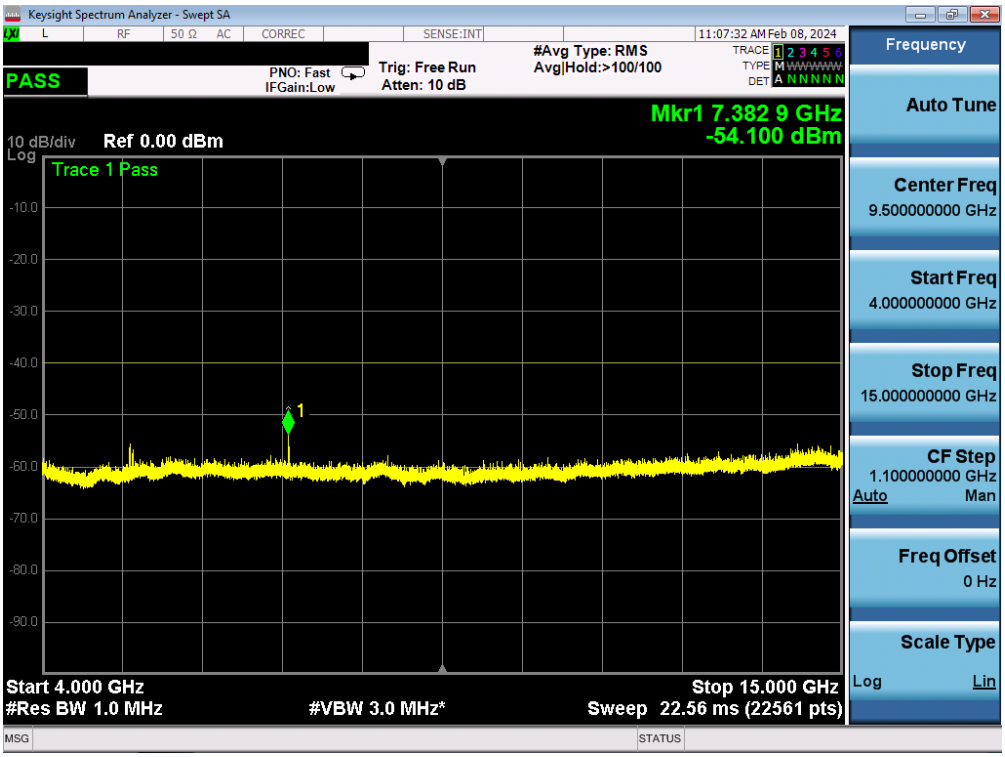
Plot 7.179. Conducted Spurious Plot (10MHz QPSK, High **Channel – ANT1)**



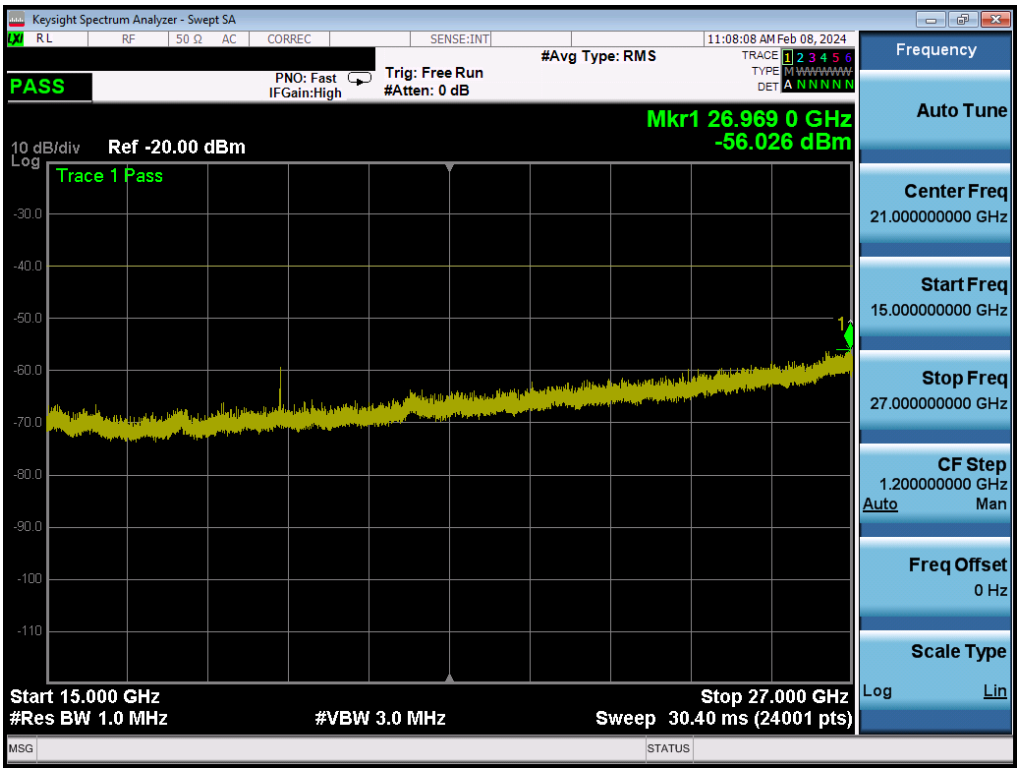
Plot 7.180. Conducted Spurious Plot (10MHz QPSK, High **Channel – ANT1)**



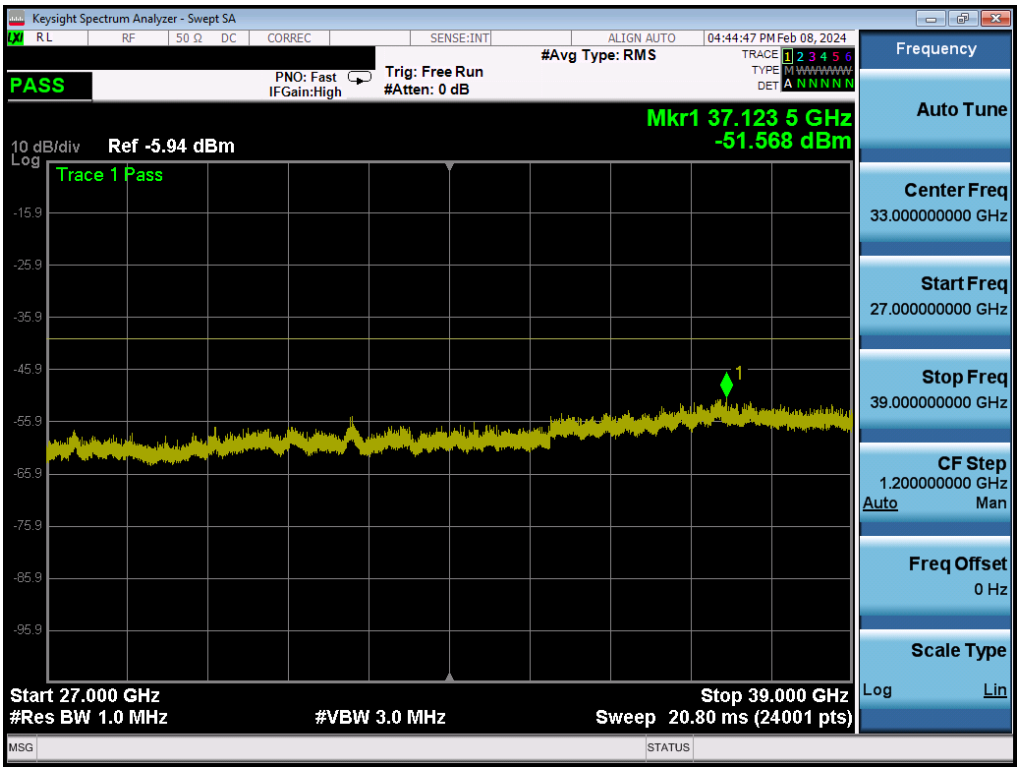
Plot 7.181. Conducted Spurious Plot (10MHz QPSK, High Channel – ANT1)



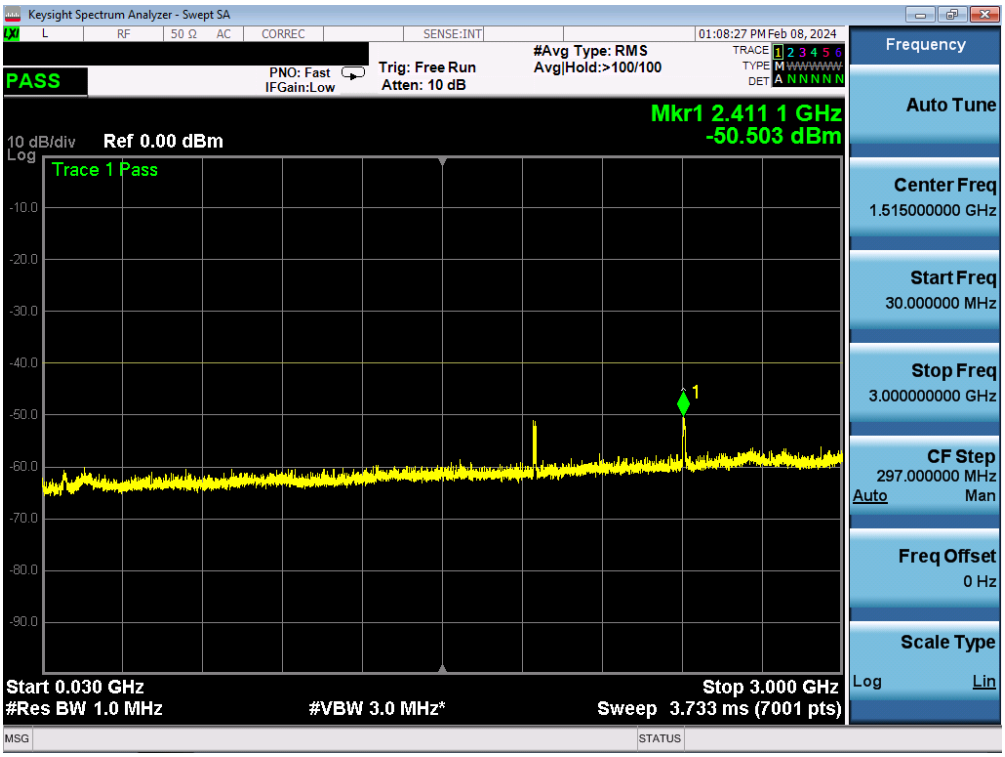
Plot 7.182. Conducted Spurious Plot (10MHz QPSK, High Channel – ANT1)



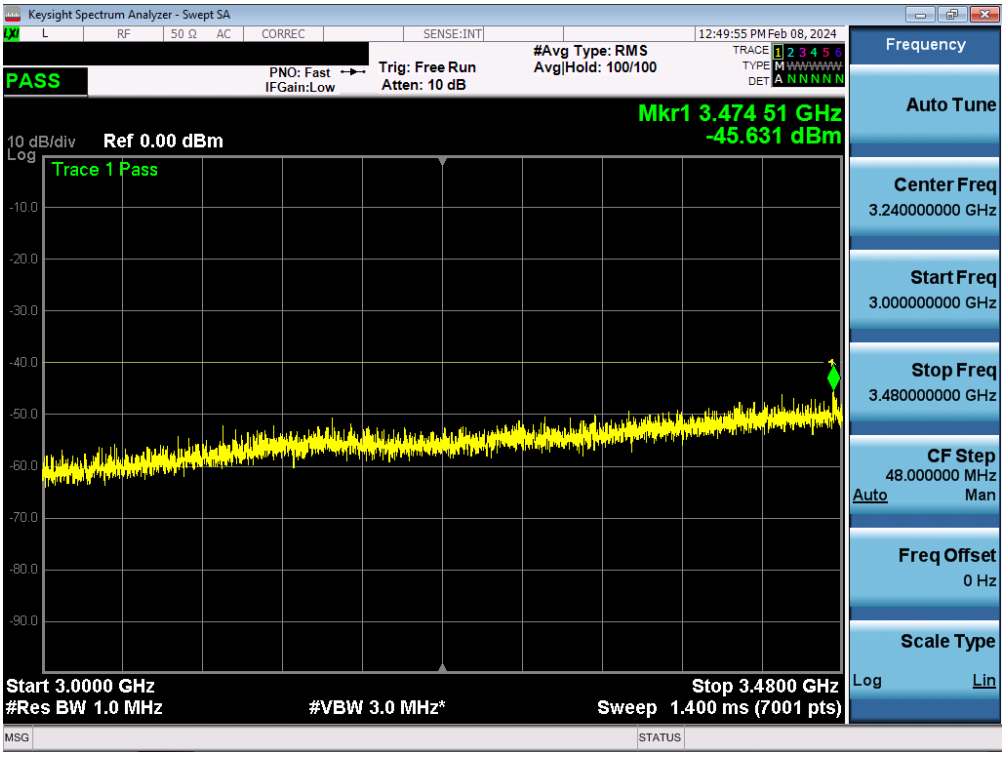
Plot 7.183. Conducted Spurious Plot (10MHz QPSK, High **Channel – ANT1)**



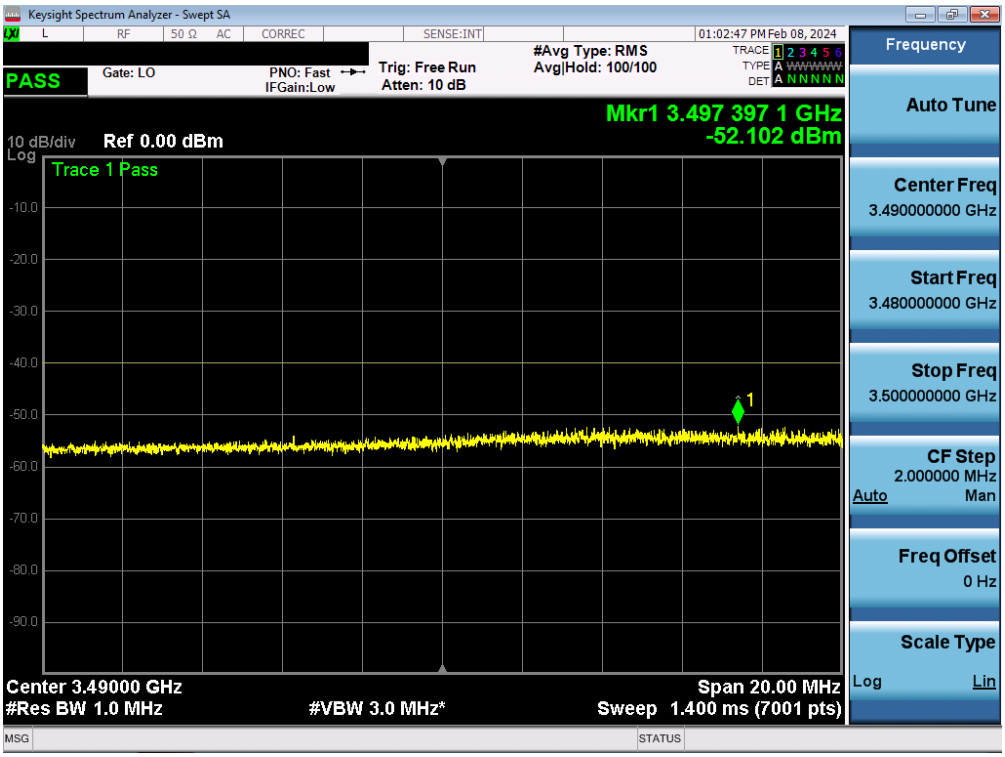
Plot 7.184. Conducted Spurious Plot (10MHz QPSK, High **Channel – ANT1)**



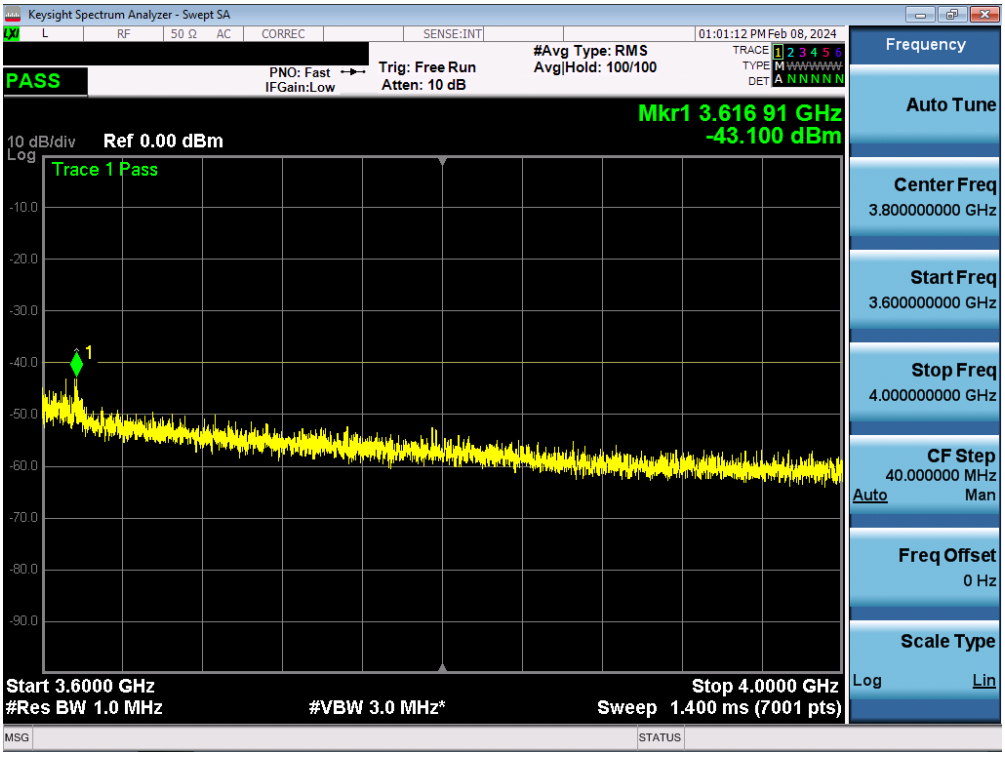
Plot 7.185. Conducted Spurious Plot (10MHz QPSK, Low Channel – ANT2)



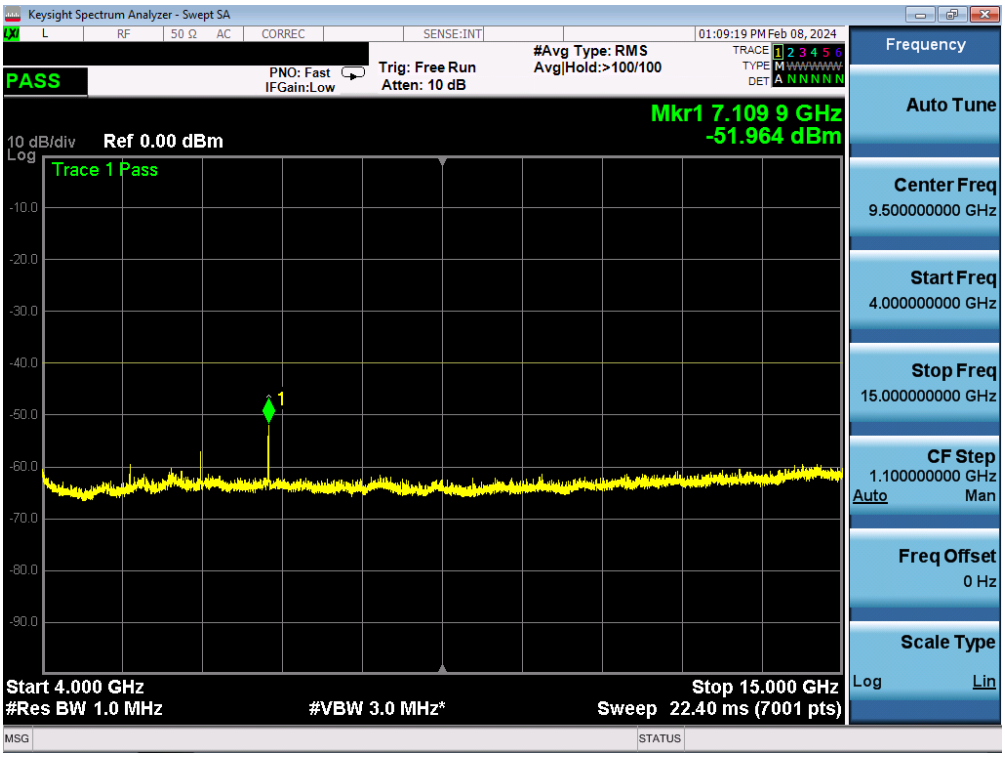
Plot 7.186. Conducted Spurious Plot (10MHz QPSK, Low Channel – ANT2)



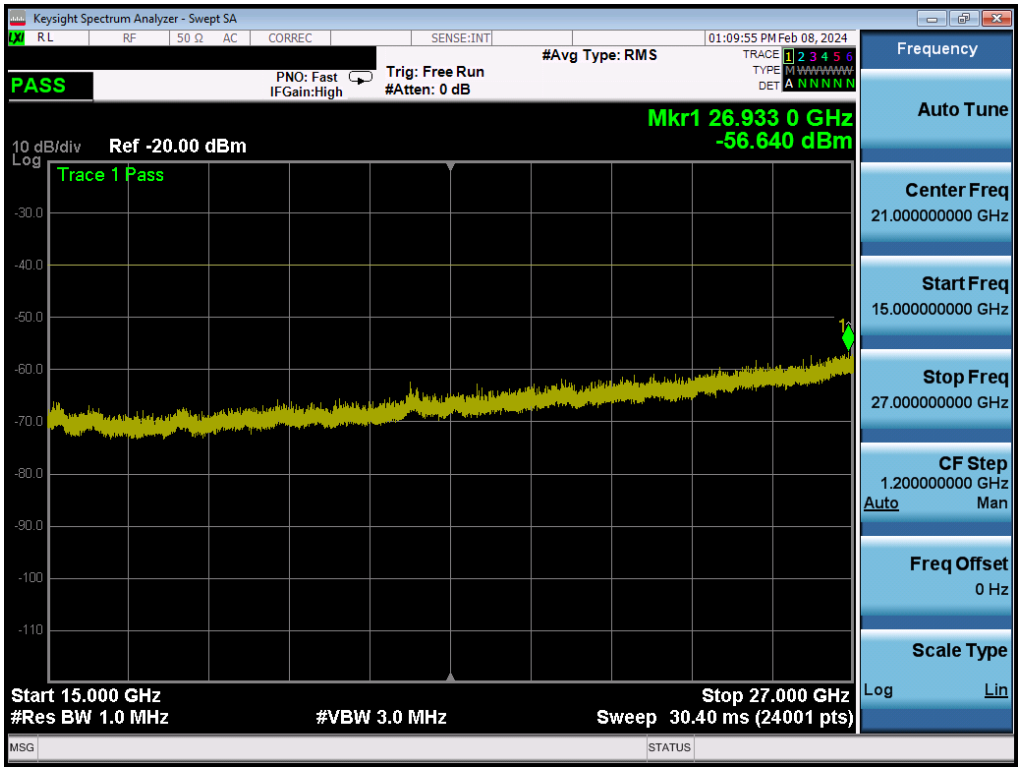
Plot 7.187. Conducted Spurious Plot (10MHz QPSK, Low Channel – ANT2)



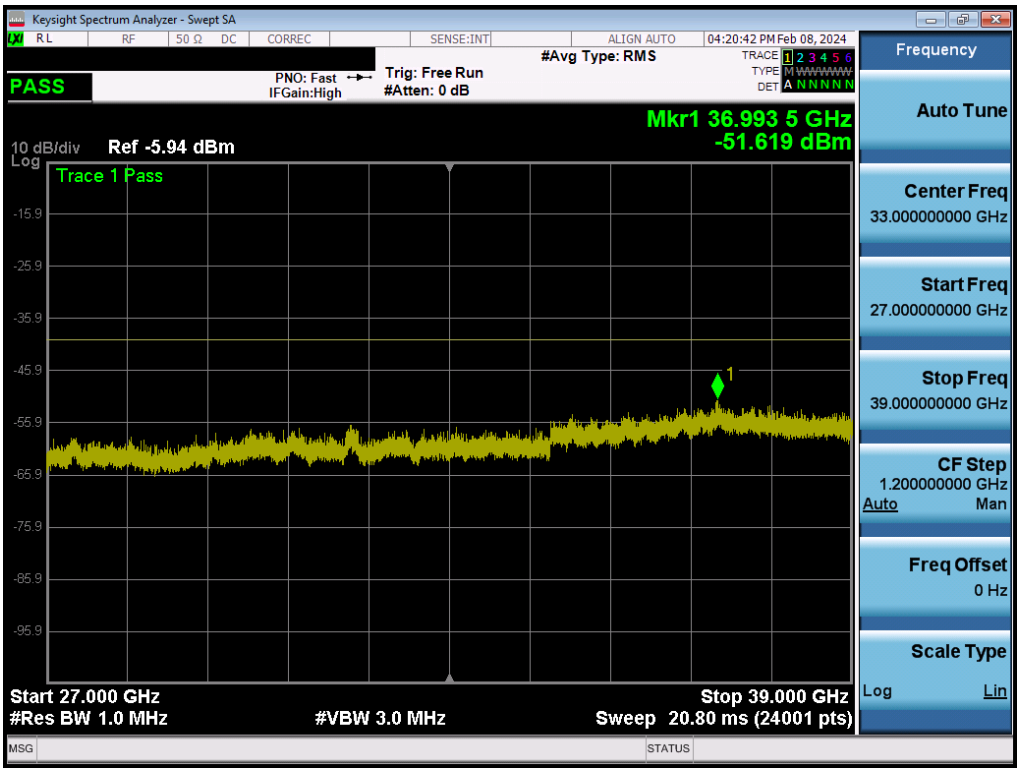
Plot 7.188. Conducted Spurious Plot (10MHz QPSK, Low Channel – ANT2)



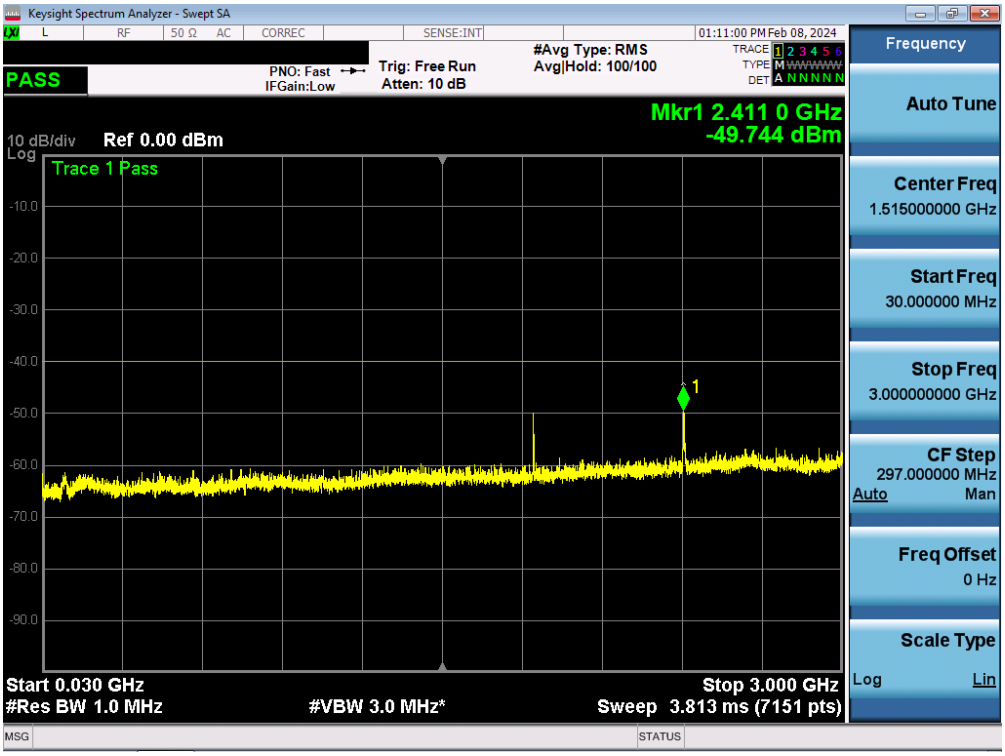
Plot 7.189. Conducted Spurious Plot (10MHz QPSK, Low Channel – ANT2)



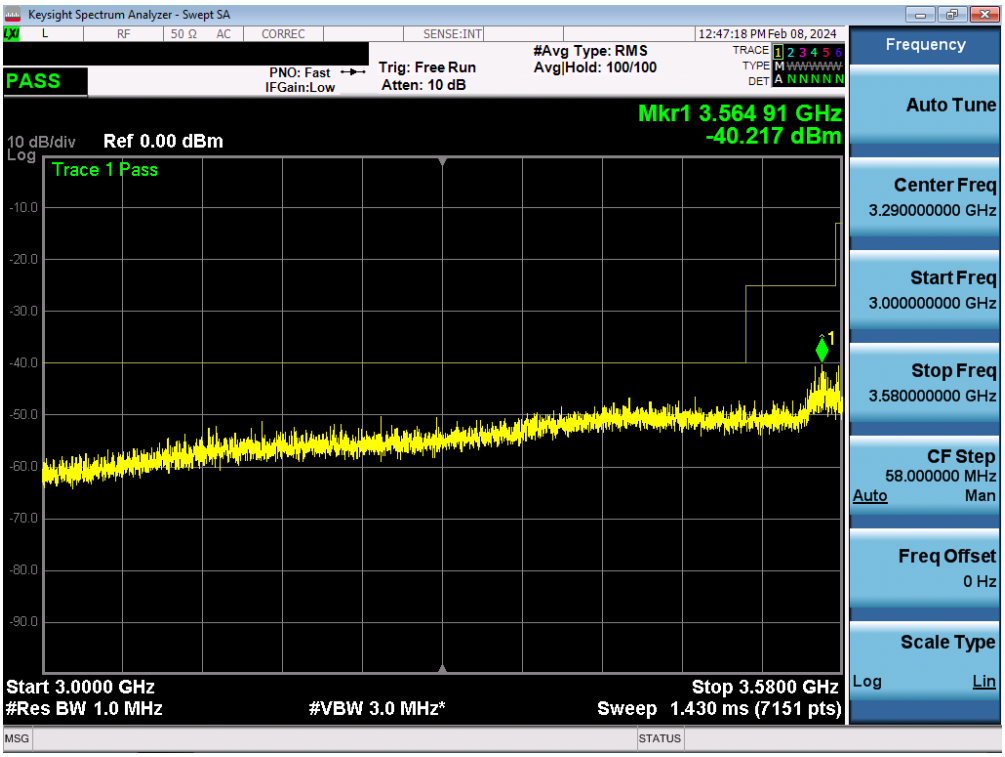
Plot 7.190. Conducted Spurious Plot (10MHz QPSK, Low Channel – ANT2)



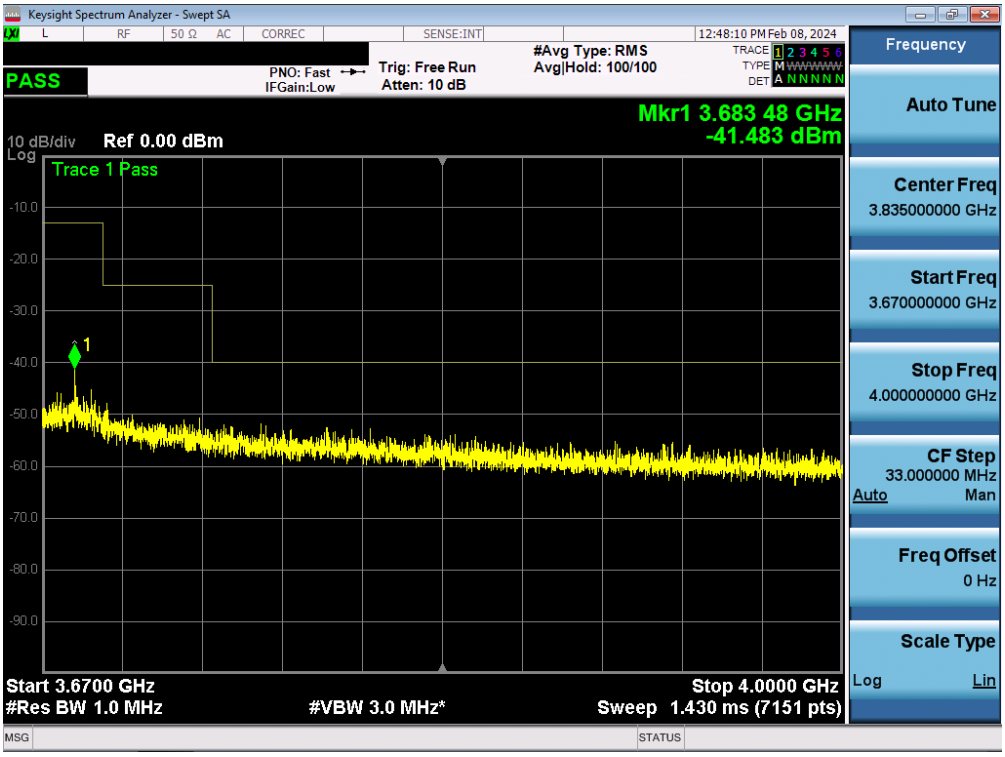
Plot 7.191. Conducted Spurious Plot (10MHz QPSK, Low Channel – ANT2)



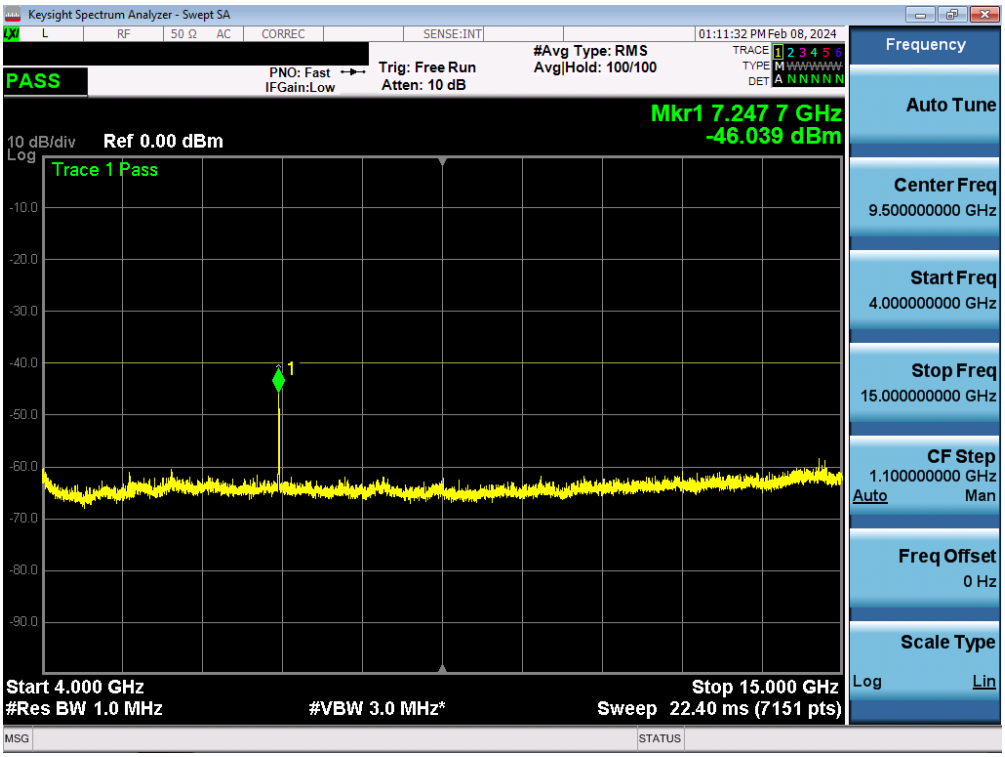
Plot 7.192. Conducted Spurious Plot (10MHz QPSK, Mid Channel – ANT2)



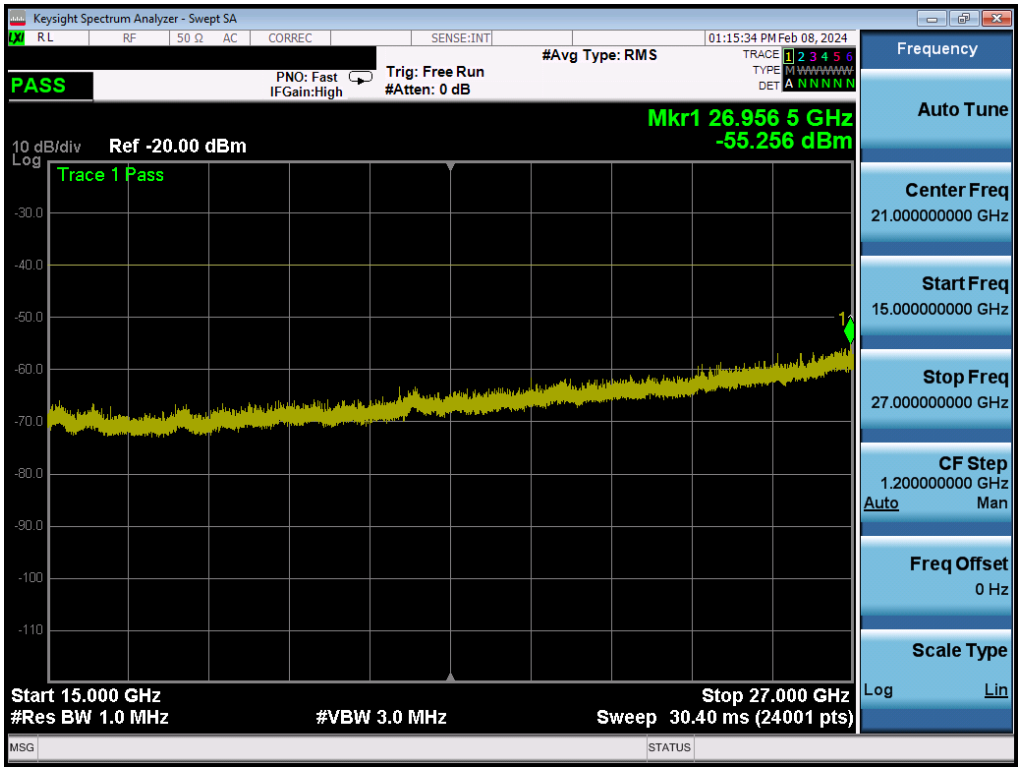
Plot 7.193. Conducted Spurious Plot (10MHz QPSK, Mid Channel – ANT2)



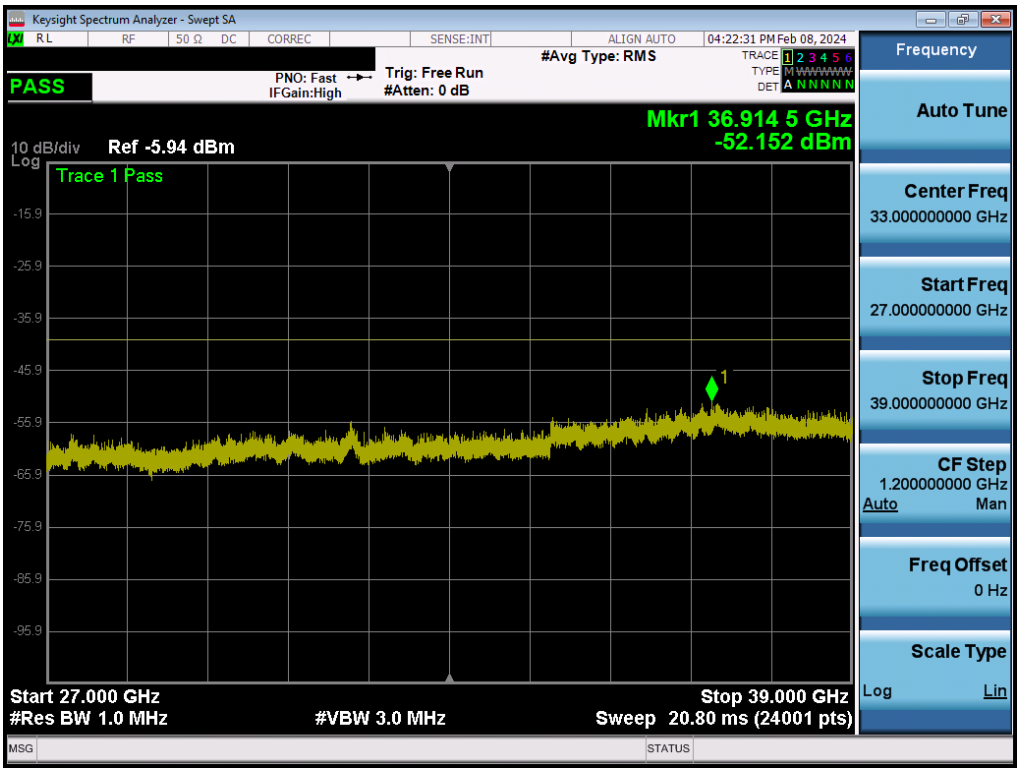
Plot 7.194. Conducted Spurious Plot (10MHz QPSK, Mid Channel – ANT2)



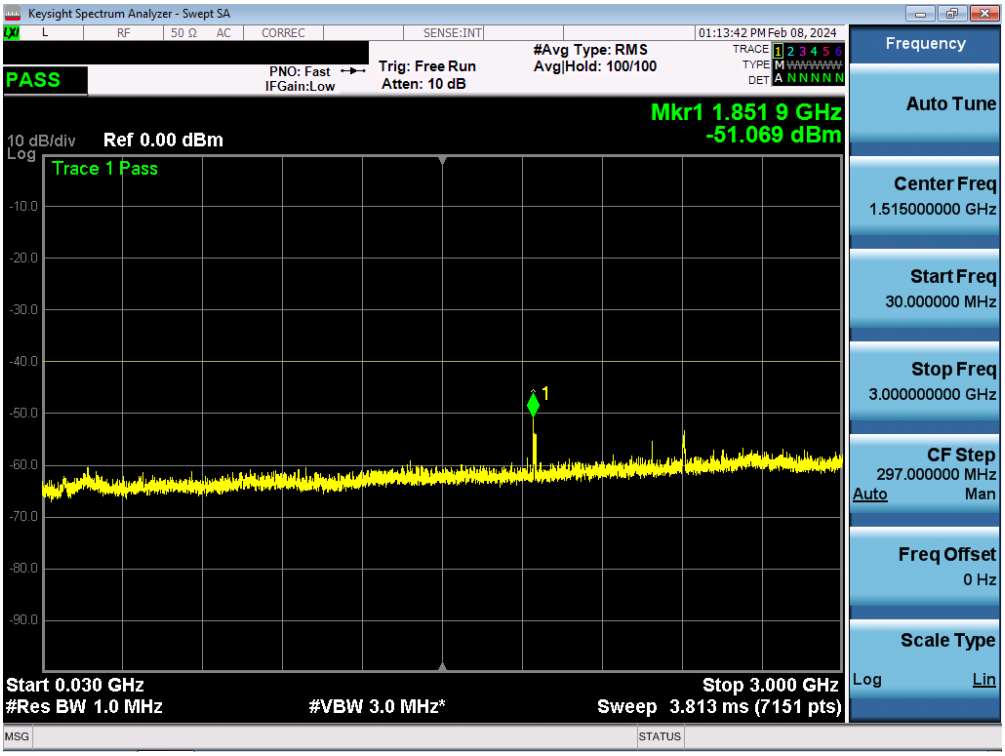
Plot 7.195. Conducted Spurious Plot (10MHz QPSK, Mid Channel – ANT2)



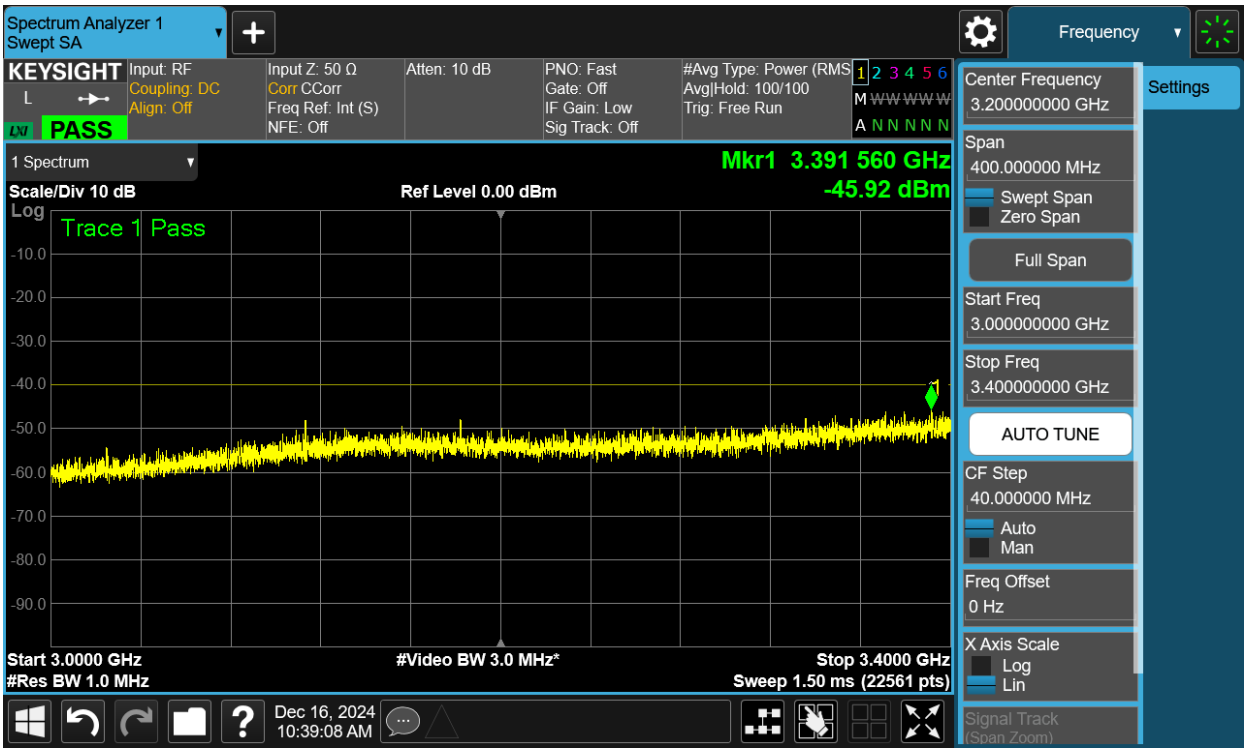
Plot 7.196. Conducted Spurious Plot (10MHz QPSK, Mid Channel – ANT2)



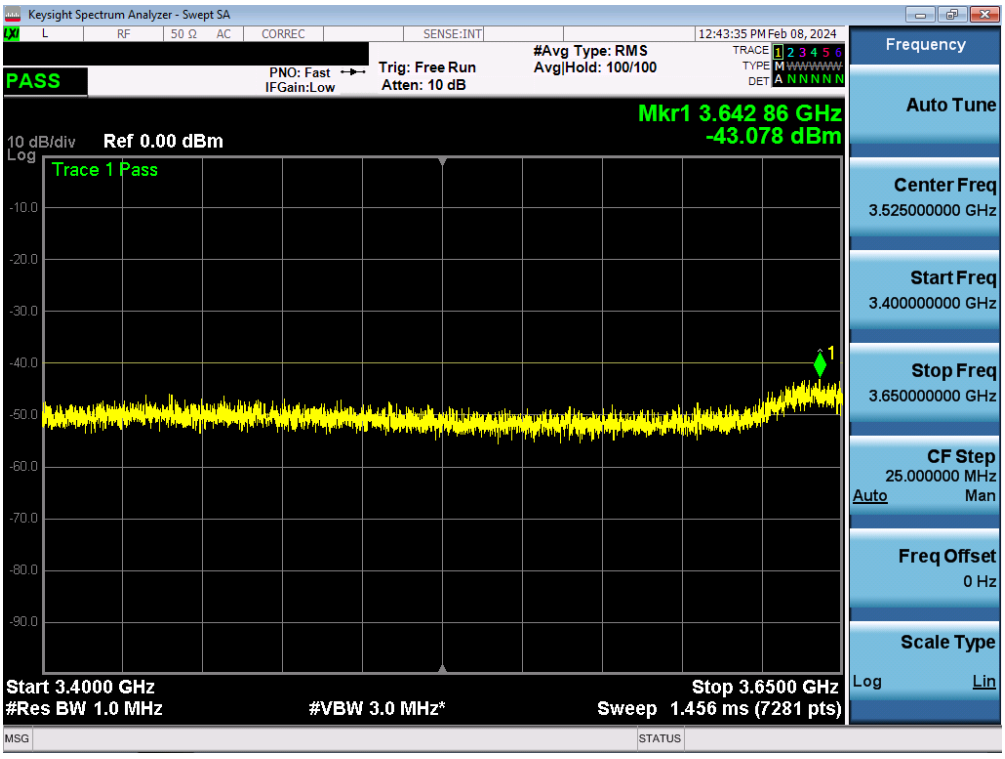
Plot 7.197. Conducted Spurious Plot (10MHz QPSK, Mid Channel – ANT2)



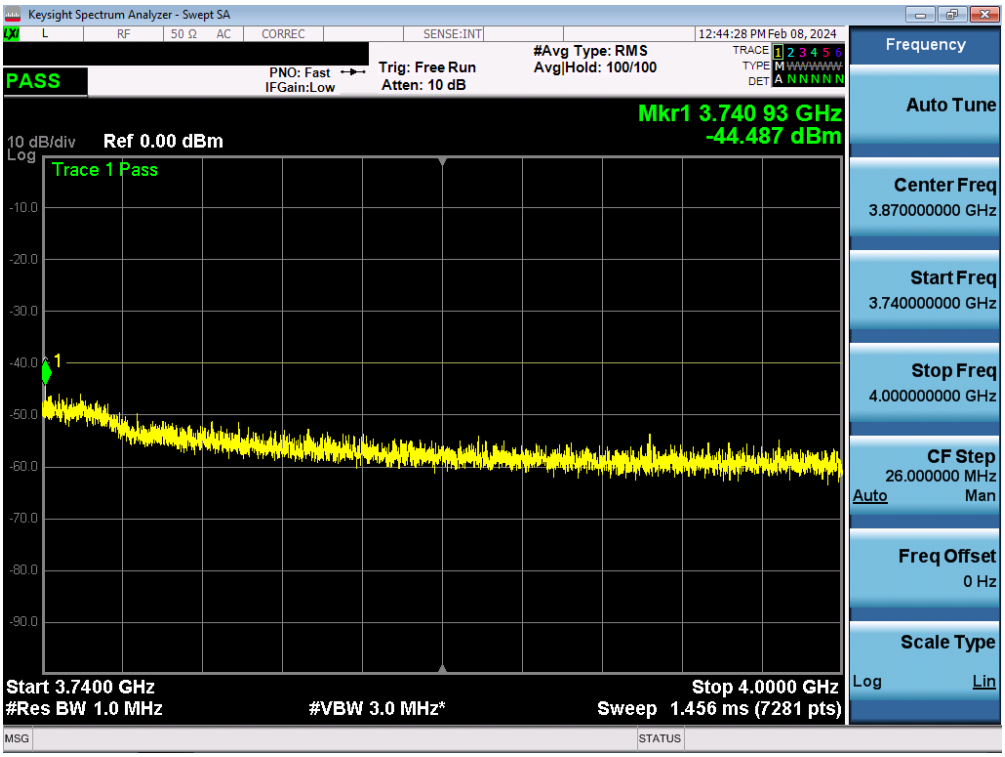
Plot 7.198. Conducted Spurious Plot (10MHz QPSK, High Channel – ANT2)



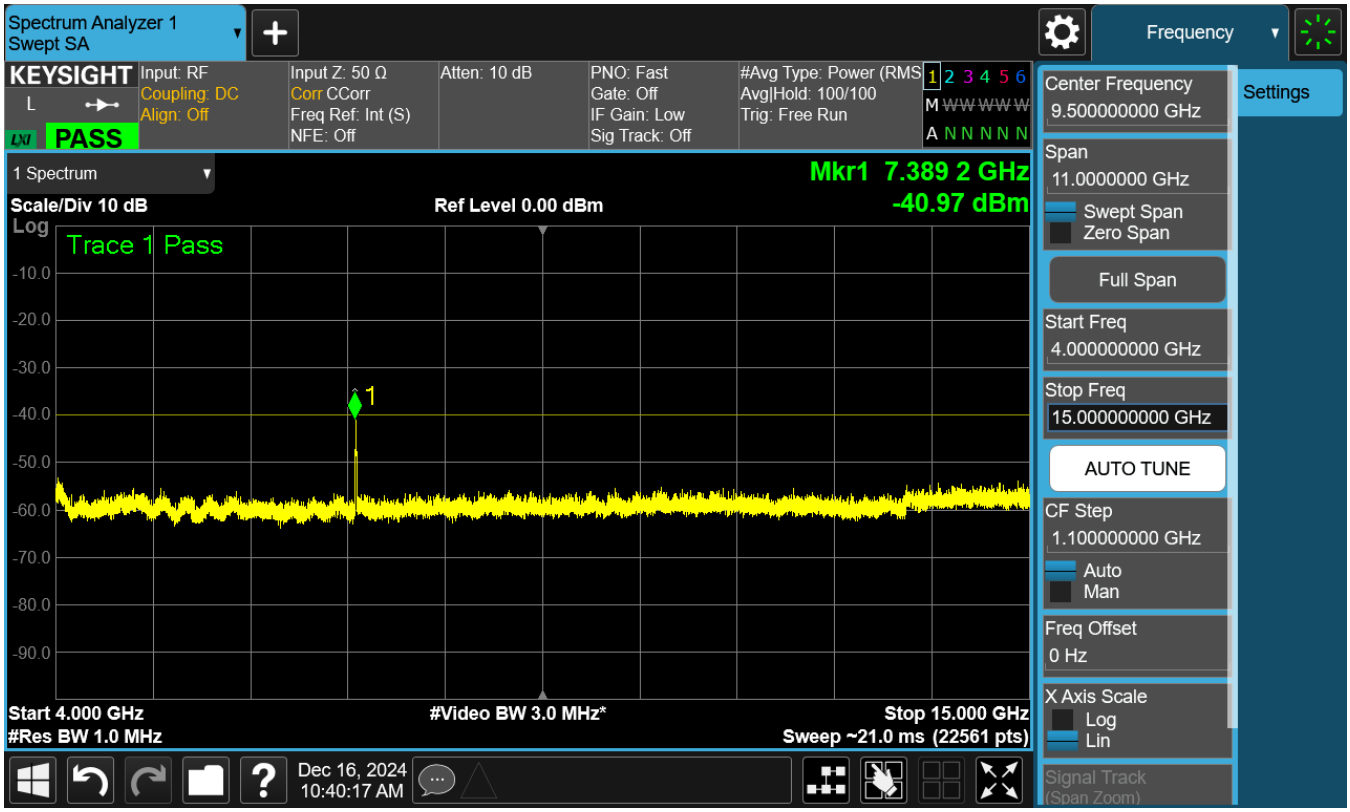
Plot 7.199. Conducted Spurious Plot (10MHz QPSK, High Channel – ANT2)



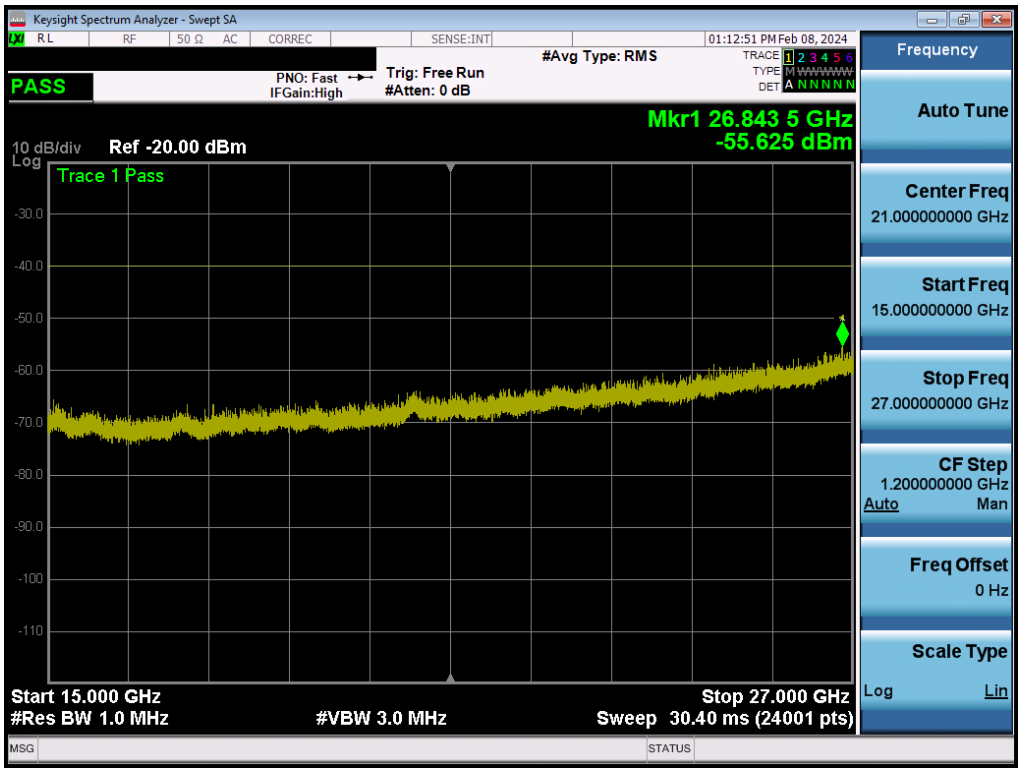
Plot 7.200. Conducted Spurious Plot (10MHz QPSK, High Channel – ANT2)



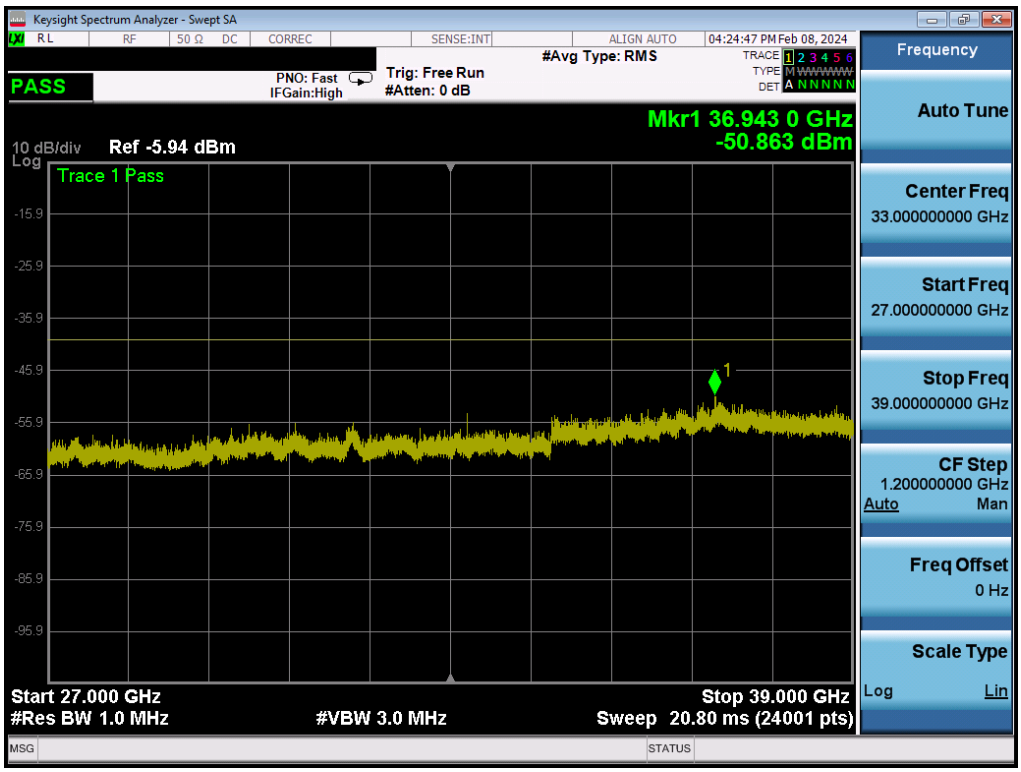
Plot 7.201. Conducted Spurious Plot (10MHz QPSK, High Channel – ANT2)



Plot 7.202. Conducted Spurious Plot (10MHz QPSK, High Channel – ANT2)



Plot 7.203. Conducted Spurious Plot (10MHz QPSK, High Channel – ANT2)



Plot 7.204. Conducted Spurious Plot (10MHz QPSK, High Channel – ANT2)

7.8 Band Edge Emissions at Antenna Terminal

Test Overview

All out of band emissions are measured with a spectrum analyzer connected to the antenna terminal of the EUT while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies. All data rates were investigated to determine the worst-case configuration. All modes of operation were investigated and the worst-case configuration results are reported in this section.

For an End User Device, the conducted power of any emission outside the fundamental emission (whether in or outside of the authorized band) shall not exceed −13 dBm/MHz within 0 to B MHz (where B is the bandwidth in MHz of the assigned channel or multiple contiguous channels of the End User Device) above the upper CBSD-assigned channel edge and within 0 to B MHz below the lower CBSD-assigned channel edge. At all frequencies greater than B MHz above the upper CBSD assigned channel edge and less than B MHz below the lower CBSD-assigned channel edge, the conducted power of any end user device emission shall not exceed −25 dBm/MHz. The conducted power of emissions below 3530 MHz or above 3720 MHz shall not exceed −40dBm/MHz.

Test Procedure Used

ANSI C63.26-2015 – Section 5.7.3

Test Settings

1. Start and stop frequency were set such that the band edge would be placed in the center of the plot
2. Span was set large enough so as to capture all out of band emissions near the band edge
3. RBW ≥ 1% of the emission bandwidth
4. VBW ≥ 3 x RBW
5. Detector = RMS
6. Number of sweep points ≥ 2 x Span/RBW
7. Trace mode = trace average
8. Sweep time = auto couple
9. The trace was allowed to stabilize

Test Setup

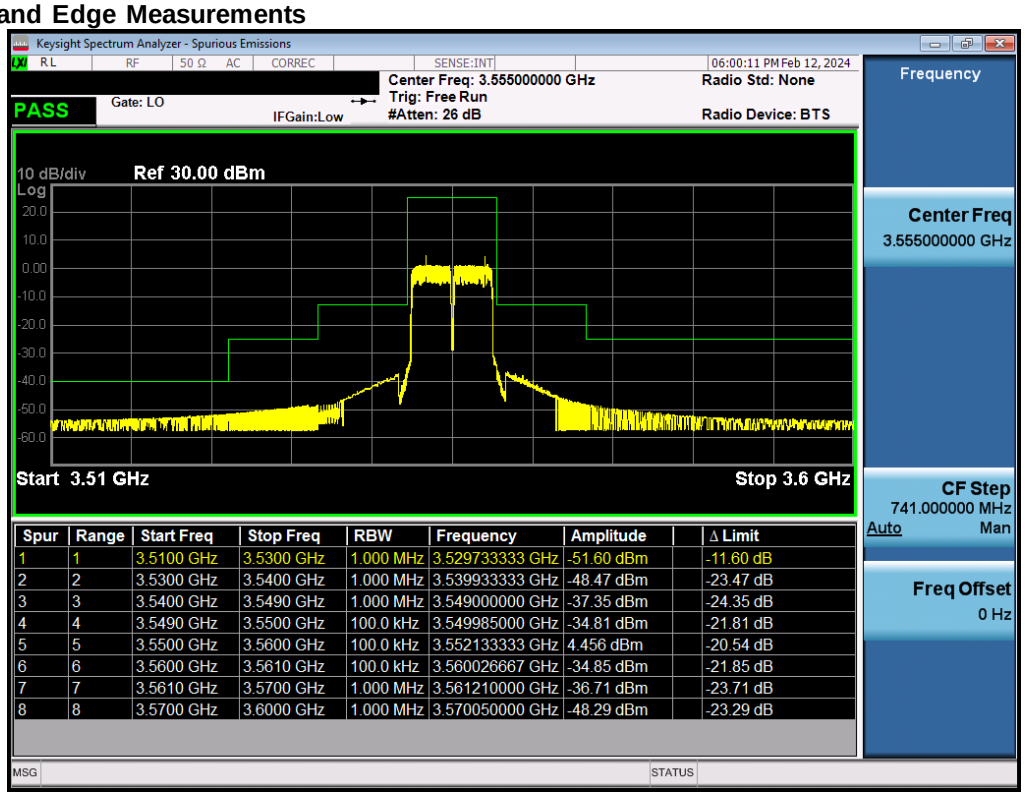
The EUT and measurement equipment were set up as shown in the diagram below.

Figure 7-7. Test Instrument & Measurement Setup

Test Notes

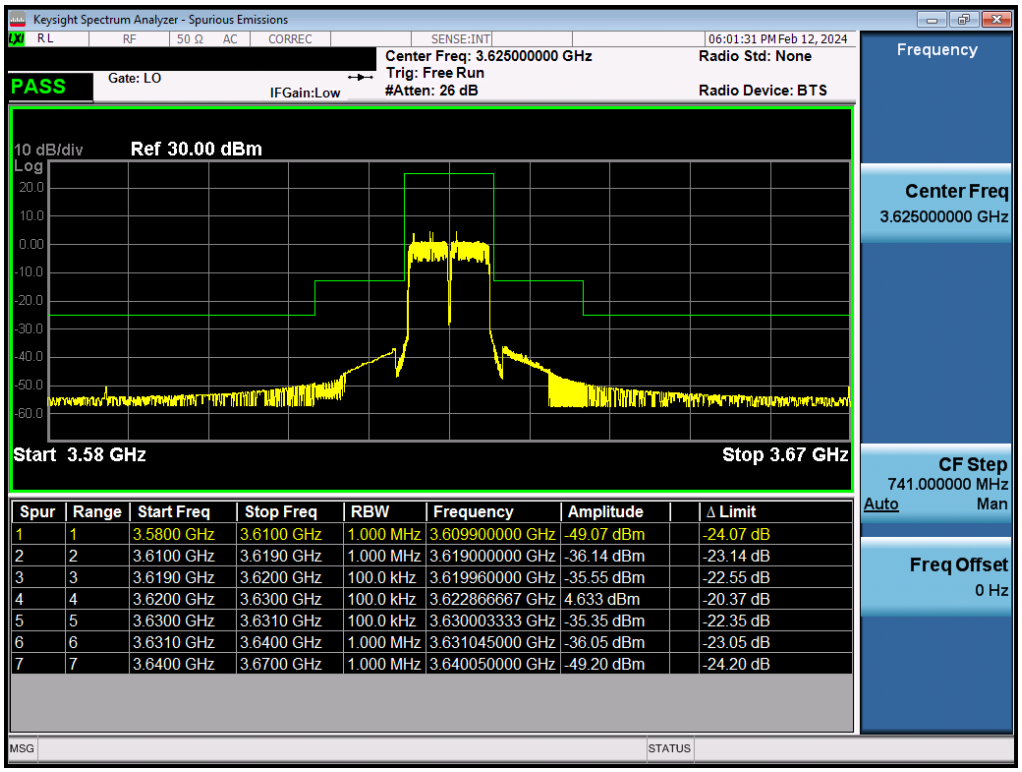
1. Per 96.41(e)(3)(i), compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's authorized frequency channel, a resolution bandwidth of no less than one percent of the fundamental emission bandwidth may be employed. A narrower resolution bandwidth is permitted in all cases to improve measurement accuracy provided the measured power is integrated over the full reference bandwidth (i.e., 1 MHz or 1 percent of emission bandwidth, as specified). The fundamental emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.
2. The Plots in this section have a 3dB correction applied to the individual plots to address the MIMO requirements in ANSI C63.26

Antenna 1 Band Edge Measurements



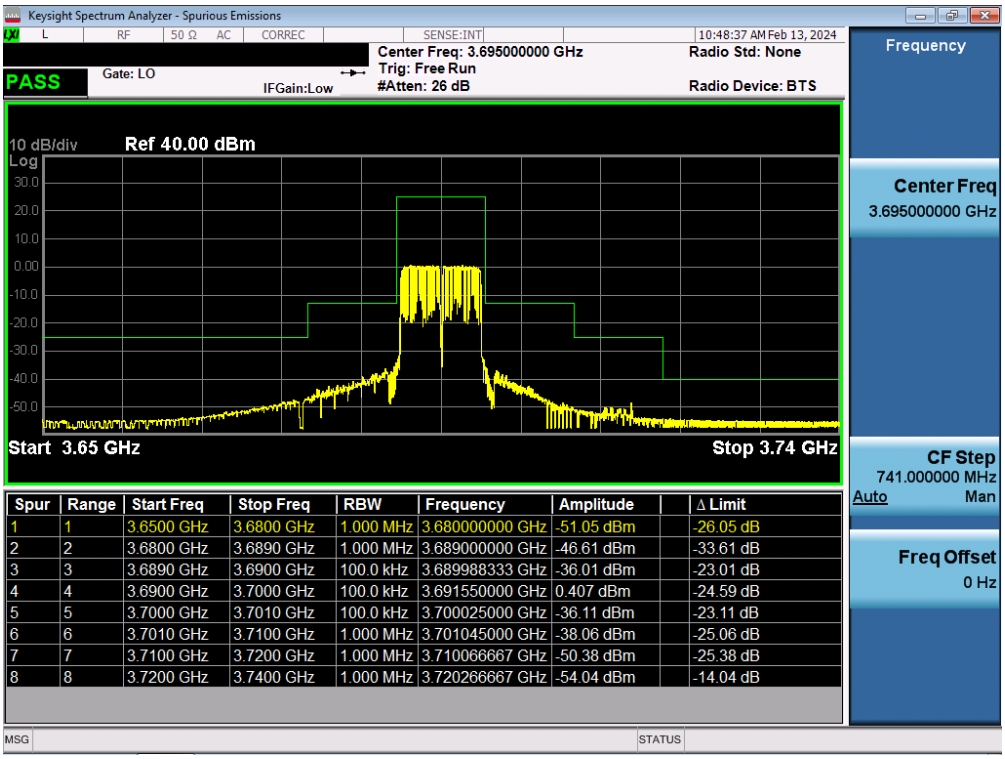
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	3.5100 GHz	3.5300 GHz	1.000 MHz	3.529733333 GHz	-51.60 dBm	-11.60 dB
2	2	3.5300 GHz	3.5400 GHz	1.000 MHz	3.539933333 GHz	-48.47 dBm	-23.47 dB
3	3	3.5400 GHz	3.5490 GHz	1.000 MHz	3.549000000 GHz	-37.35 dBm	-24.35 dB
4	4	3.5490 GHz	3.5500 GHz	100.0 kHz	3.549985000 GHz	-34.81 dBm	-21.81 dB
5	5	3.5500 GHz	3.5600 GHz	100.0 kHz	3.552133333 GHz	4.456 dBm	-20.54 dB
6	6	3.5600 GHz	3.5610 GHz	100.0 kHz	3.560026667 GHz	-34.85 dBm	-21.85 dB
7	7	3.5610 GHz	3.5700 GHz	1.000 MHz	3.561210000 GHz	-36.71 dBm	-23.71 dB
8	8	3.5700 GHz	3.6000 GHz	1.000 MHz	3.570050000 GHz	-48.29 dBm	-23.29 dB

Plot 7.205. Conducted Band Edge Plot (10MHz, QPSK, Low Channel, ANT1)



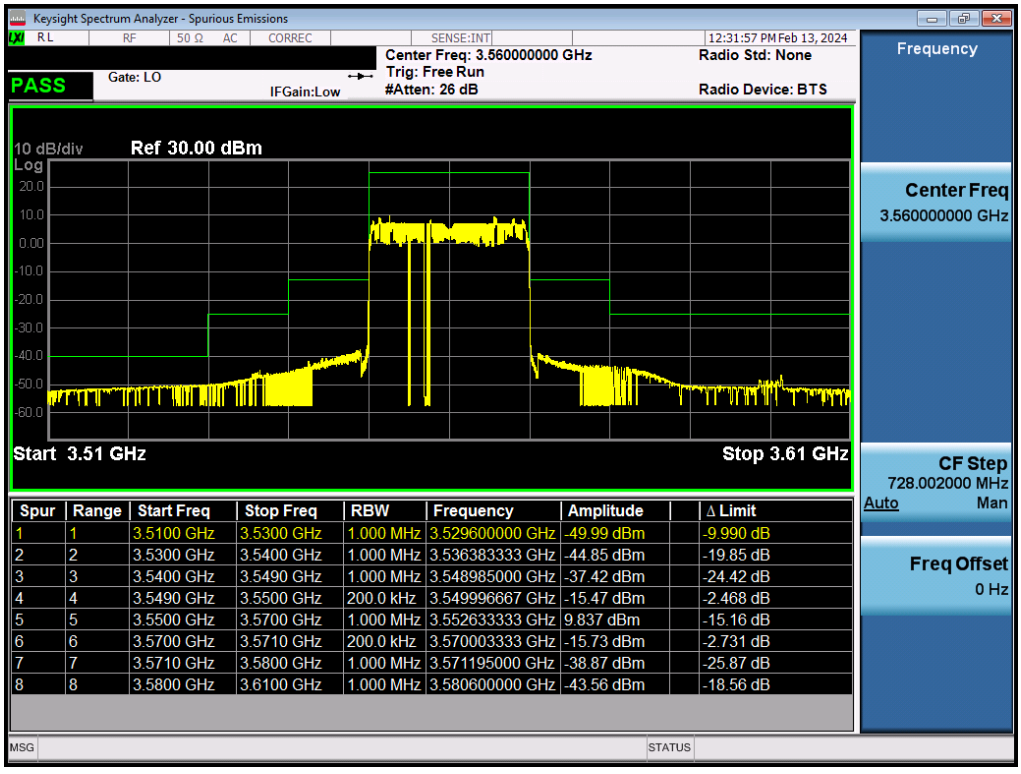
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	3.5800 GHz	3.6100 GHz	1.000 MHz	3.609900000 GHz	-49.07 dBm	-24.07 dB
2	2	3.6100 GHz	3.6190 GHz	1.000 MHz	3.619000000 GHz	-36.14 dBm	-23.14 dB
3	3	3.6190 GHz	3.6200 GHz	100.0 kHz	3.619960000 GHz	-35.55 dBm	-22.55 dB
4	4	3.6200 GHz	3.6300 GHz	100.0 kHz	3.622866667 GHz	4.633 dBm	-20.37 dB
5	5	3.6300 GHz	3.6310 GHz	100.0 kHz	3.630003333 GHz	-35.35 dBm	-22.35 dB
6	6	3.6310 GHz	3.6400 GHz	1.000 MHz	3.631045000 GHz	-36.05 dBm	-23.05 dB
7	7	3.6400 GHz	3.6700 GHz	1.000 MHz	3.640050000 GHz	-49.20 dBm	-24.20 dB

Plot 7.206. Conducted Band Edge Plot (10MHz, QPSK, Mid Channel, ANT1



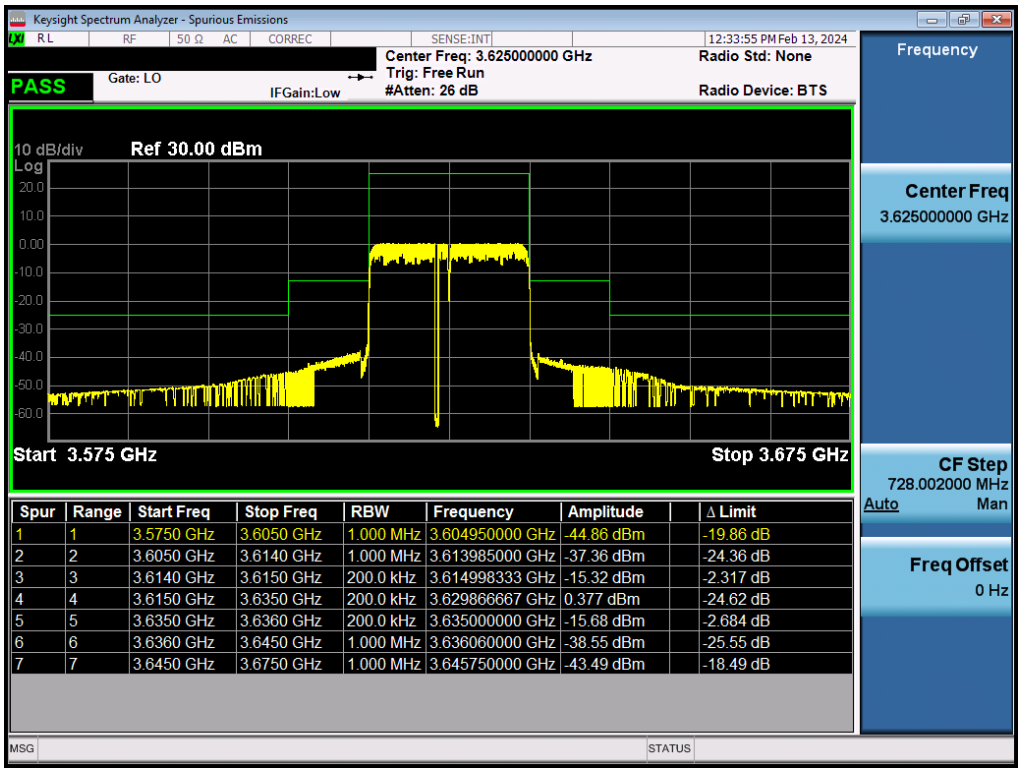
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	3.6500 GHz	3.6800 GHz	1.000 MHz	3.680000000 GHz	-51.05 dBm	-26.05 dB
2	2	3.6800 GHz	3.6890 GHz	1.000 MHz	3.689000000 GHz	-46.61 dBm	-33.61 dB
3	3	3.6890 GHz	3.6900 GHz	100.0 kHz	3.689988333 GHz	-36.01 dBm	-23.01 dB
4	4	3.6900 GHz	3.7000 GHz	100.0 kHz	3.691550000 GHz	0.407 dBm	-24.59 dB
5	5	3.7000 GHz	3.7010 GHz	100.0 kHz	3.700025000 GHz	-36.11 dBm	-23.11 dB
6	6	3.7010 GHz	3.7100 GHz	1.000 MHz	3.701045000 GHz	-38.06 dBm	-25.06 dB
7	7	3.7100 GHz	3.7200 GHz	1.000 MHz	3.710066667 GHz	-50.38 dBm	-25.38 dB
8	8	3.7200 GHz	3.7400 GHz	1.000 MHz	3.720266667 GHz	-54.04 dBm	-14.04 dB

Plot 7.207. Conducted Band Edge Plot (10MHz, QPSK, High Channel, ANT1)



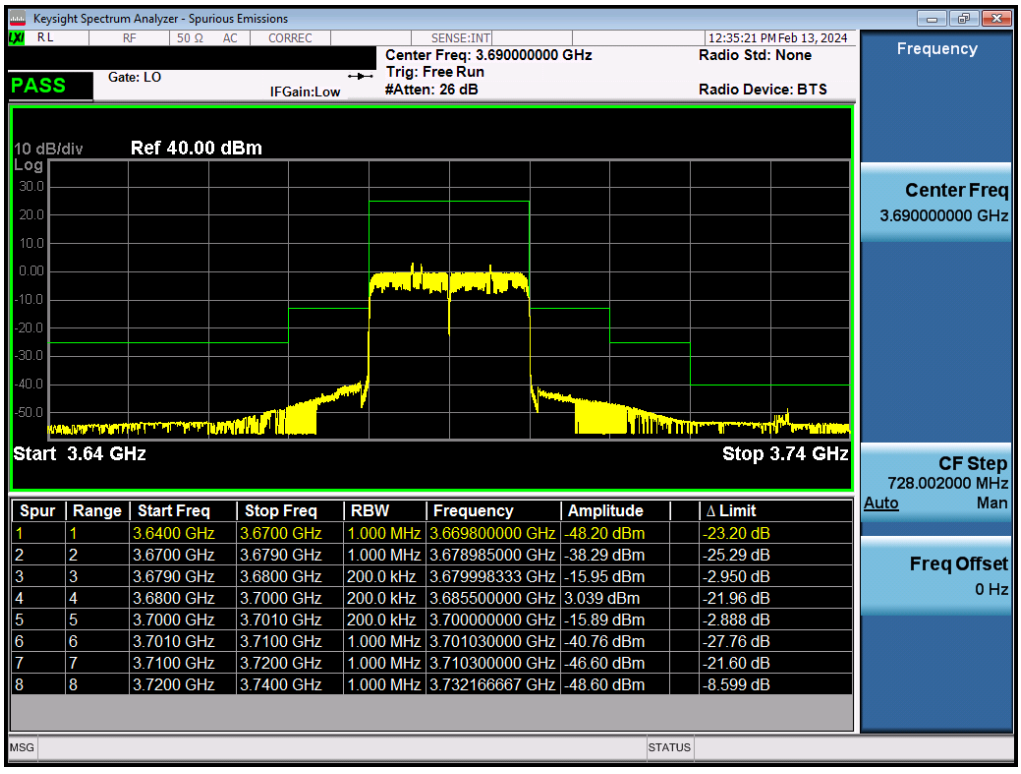
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	3.5100 GHz	3.5300 GHz	1.000 MHz	3.529600000 GHz	-49.99 dBm	-9.990 dB
2	2	3.5300 GHz	3.5400 GHz	1.000 MHz	3.536383333 GHz	-44.85 dBm	-19.85 dB
3	3	3.5400 GHz	3.5490 GHz	1.000 MHz	3.548985000 GHz	-37.42 dBm	-24.42 dB
4	4	3.5490 GHz	3.5500 GHz	200.0 kHz	3.549996667 GHz	-15.47 dBm	-2.468 dB
5	5	3.5500 GHz	3.5700 GHz	1.000 MHz	3.552633333 GHz	9.837 dBm	-15.16 dB
6	6	3.5700 GHz	3.5710 GHz	200.0 kHz	3.570003333 GHz	-15.73 dBm	-2.731 dB
7	7	3.5710 GHz	3.5800 GHz	1.000 MHz	3.571195000 GHz	-38.87 dBm	-25.87 dB
8	8	3.5800 GHz	3.6100 GHz	1.000 MHz	3.580600000 GHz	-43.56 dBm	-18.56 dB

Plot 7.208. Conducted Band Edge Plot (20MHz, QPSK, Low Channel, ANT1)



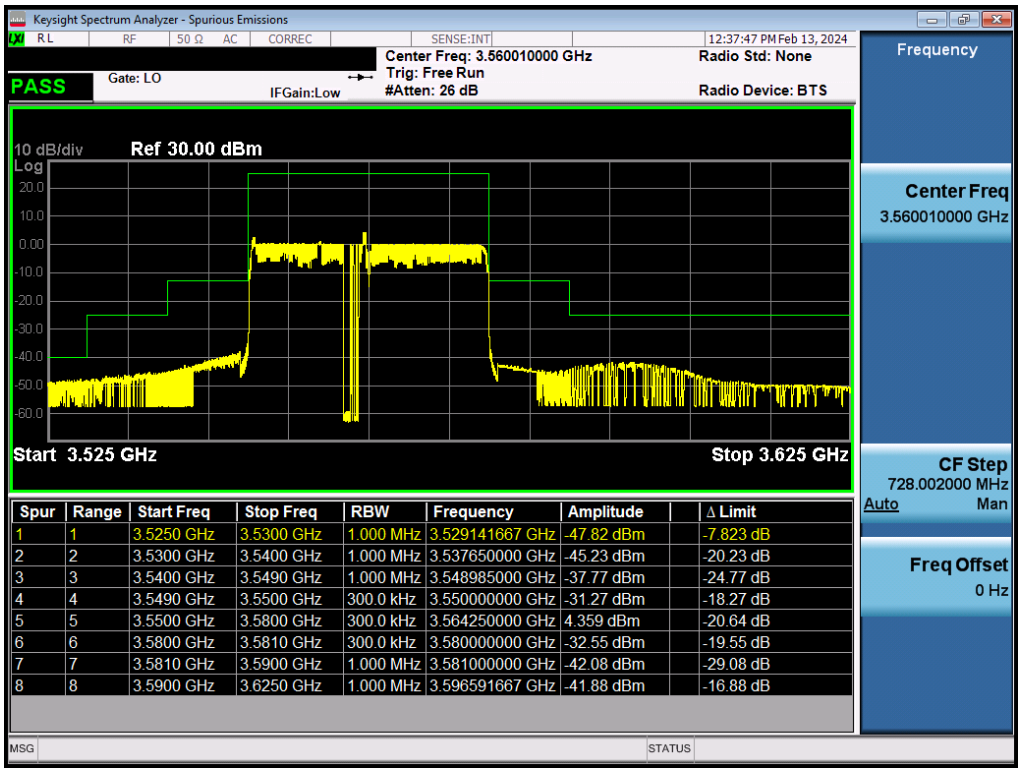
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	3.5750 GHz	3.6050 GHz	1.000 MHz	3.604950000 GHz	-44.86 dBm	-19.86 dB
2	2	3.6050 GHz	3.6140 GHz	1.000 MHz	3.613985000 GHz	-37.36 dBm	-24.36 dB
3	3	3.6140 GHz	3.6150 GHz	200.0 kHz	3.614998333 GHz	-15.32 dBm	-2.317 dB
4	4	3.6150 GHz	3.6350 GHz	200.0 kHz	3.629866667 GHz	0.377 dBm	-24.62 dB
5	5	3.6350 GHz	3.6360 GHz	200.0 kHz	3.635000000 GHz	-15.68 dBm	-2.684 dB
6	6	3.6360 GHz	3.6450 GHz	1.000 MHz	3.636060000 GHz	-38.55 dBm	-25.55 dB
7	7	3.6450 GHz	3.6750 GHz	1.000 MHz	3.645750000 GHz	-43.49 dBm	-18.49 dB

Plot 7.209. Conducted Band Edge Plot (20MHz, QPSK, Mid Channel, ANT1)



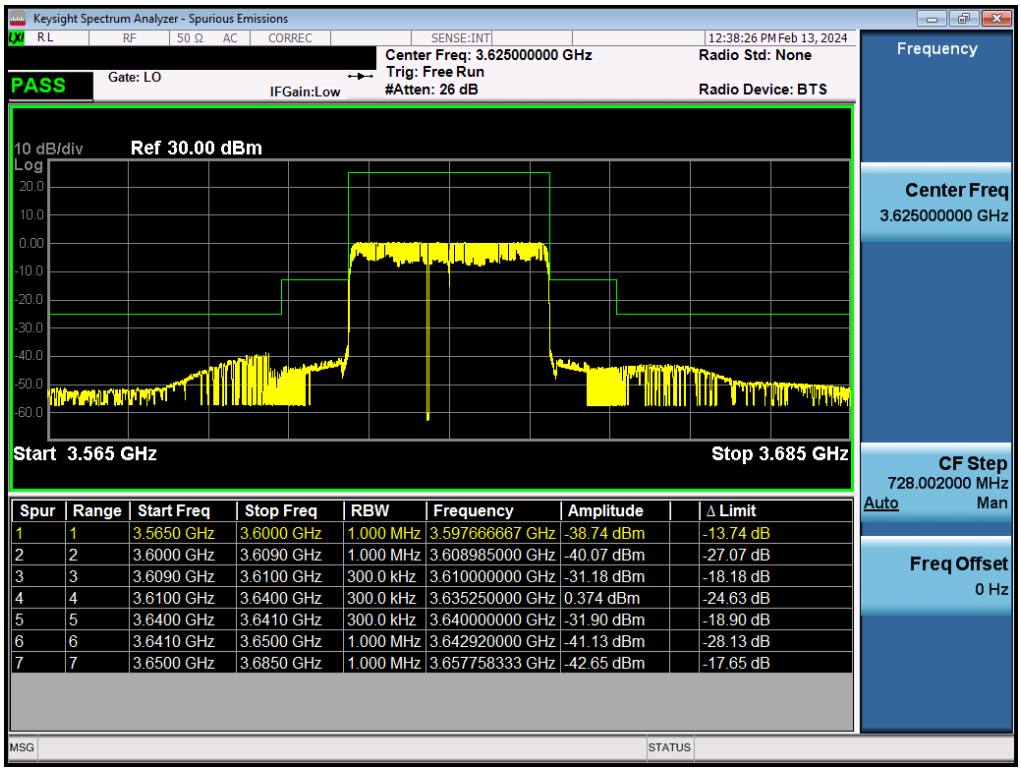
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	3.6400 GHz	3.6700 GHz	1.000 MHz	3.669800000 GHz	-48.20 dBm	-23.20 dB
2	2	3.6700 GHz	3.6790 GHz	1.000 MHz	3.678985000 GHz	-38.29 dBm	-25.29 dB
3	3	3.6790 GHz	3.6800 GHz	200.0 kHz	3.679998333 GHz	-15.95 dBm	-2.950 dB
4	4	3.6800 GHz	3.7000 GHz	200.0 kHz	3.685500000 GHz	3.039 dBm	-21.96 dB
5	5	3.7000 GHz	3.7010 GHz	200.0 kHz	3.700000000 GHz	-15.89 dBm	-2.888 dB
6	6	3.7010 GHz	3.7100 GHz	1.000 MHz	3.701030000 GHz	-40.76 dBm	-27.76 dB
7	7	3.7100 GHz	3.7200 GHz	1.000 MHz	3.710300000 GHz	-46.60 dBm	-21.60 dB
8	8	3.7200 GHz	3.7400 GHz	1.000 MHz	3.732166667 GHz	-48.60 dBm	-8.599 dB

Plot 7.210. Conducted Band Edge Plot (20MHz, QPSK, High Channel, ANT1)



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	3.5250 GHz	3.5300 GHz	1.000 MHz	3.529141667 GHz	-47.82 dBm	-7.823 dB
2	2	3.5300 GHz	3.5400 GHz	1.000 MHz	3.537650000 GHz	-45.23 dBm	-20.23 dB
3	3	3.5400 GHz	3.5490 GHz	1.000 MHz	3.548985000 GHz	-37.77 dBm	-24.77 dB
4	4	3.5490 GHz	3.5500 GHz	300.0 kHz	3.550000000 GHz	-31.27 dBm	-18.27 dB
5	5	3.5500 GHz	3.5800 GHz	300.0 kHz	3.564250000 GHz	4.359 dBm	-20.64 dB
6	6	3.5800 GHz	3.5810 GHz	300.0 kHz	3.580000000 GHz	-32.55 dBm	-19.55 dB
7	7	3.5810 GHz	3.5900 GHz	1.000 MHz	3.581000000 GHz	-42.08 dBm	-29.08 dB
8	8	3.5900 GHz	3.6250 GHz	1.000 MHz	3.596591667 GHz	-41.88 dBm	-16.88 dB

Plot 7.211. Conducted Band Edge Plot (30MHz, QPSK, Low Channel, ANT1)



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	3.5650 GHz	3.6000 GHz	1.000 MHz	3.597666667 GHz	-38.74 dBm	-13.74 dB
2	2	3.6000 GHz	3.6090 GHz	1.000 MHz	3.608985000 GHz	-40.07 dBm	-27.07 dB
3	3	3.6090 GHz	3.6100 GHz	300.0 kHz	3.610000000 GHz	-31.18 dBm	-18.18 dB
4	4	3.6100 GHz	3.6400 GHz	300.0 kHz	3.635250000 GHz	0.374 dBm	-24.63 dB
5	5	3.6400 GHz	3.6410 GHz	300.0 kHz	3.640000000 GHz	-31.90 dBm	-18.90 dB
6	6	3.6410 GHz	3.6500 GHz	1.000 MHz	3.642920000 GHz	-41.13 dBm	-28.13 dB
7	7	3.6500 GHz	3.6850 GHz	1.000 MHz	3.657758333 GHz	-42.65 dBm	-17.65 dB

Plot 7.212. Conducted Band Edge Plot (30MHz, QPSK, Mid Channel, ANT1)