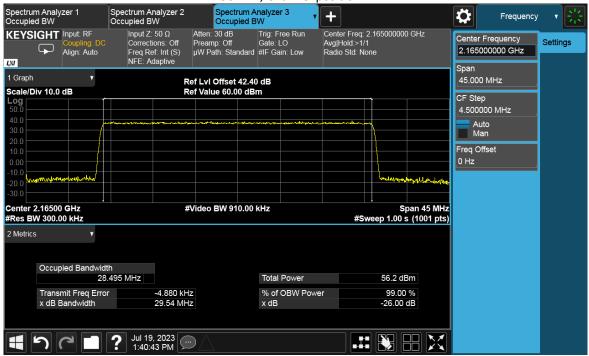
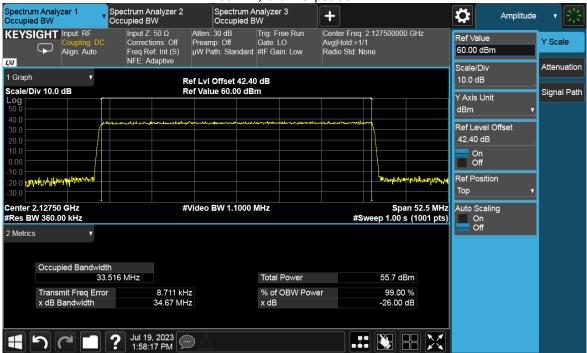


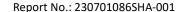


30MHz, Channel position T

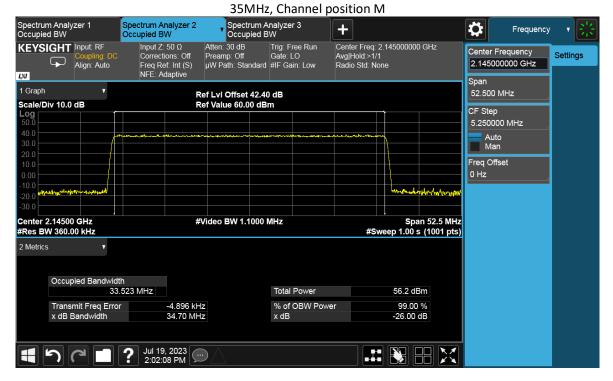


35MHz, Channel position B

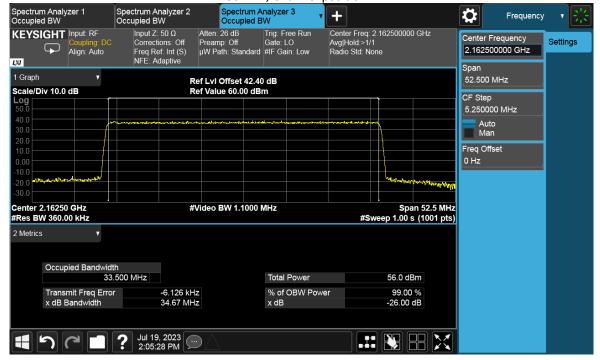


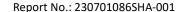




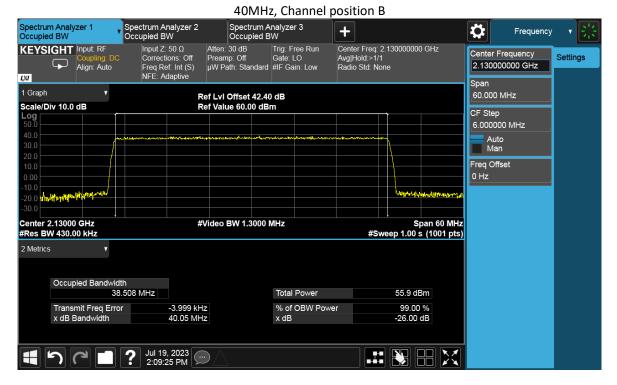


35MHz, Channel position T

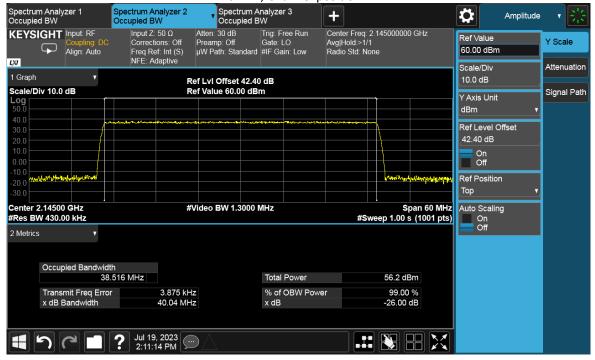




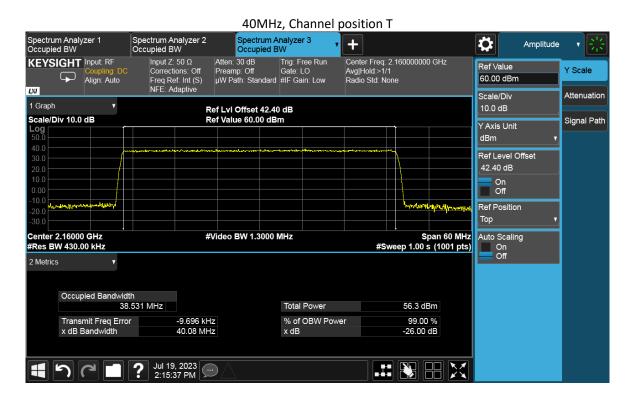




40MHz, Channel position M









Report No.: 230701086SHA-001

5 Unwanted Emissions at Band Edge

Test result: Pass

5.1 Limit

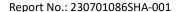
The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10log(P) dB.

5.2 Measurement Procedure

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10log(P) dB.

For MIMO mode configurations, the limit was adjusted with a correction of -6.02dB [10Log(1/4)] by using the Measure and Add 10Log(N) dB technique according to KDB 662911 D01 Multiple Transmitter Output accounting for simultaneous transmission from antenna ports . Then the limit was adjusted to -19.02dBm.

Spectrum analyzer detector was set as RMS.



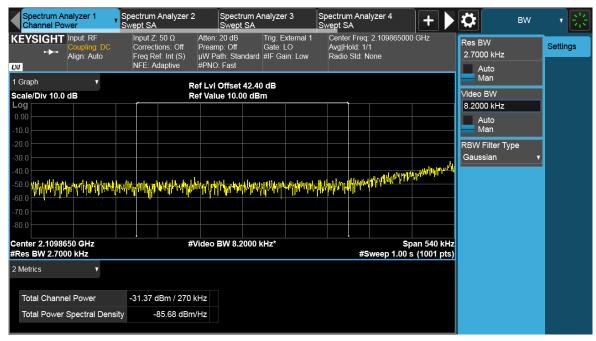


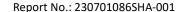
5.3 Measurement result

NR-1C-BE

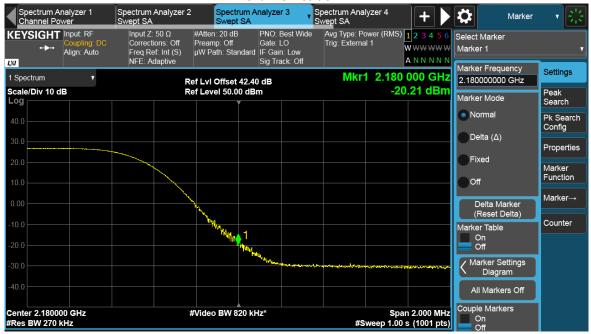
Antenna Port	Channel Position	Modulation	Carrier BW (MHz)	RBW (kHz)	Limit (dBm)
D	В	QPSK	25	270	-19.02
D	Т	QPSK	25	270	-19.02



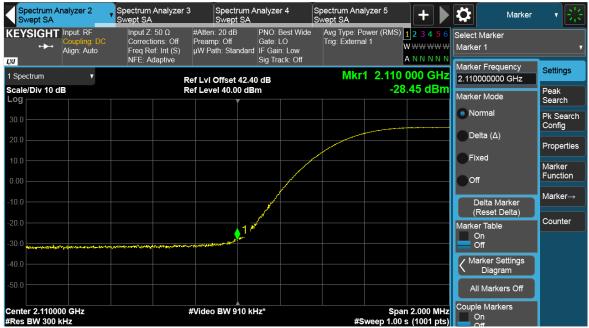


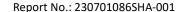






Antenna Port	Channel Position	Modulation	Carrier BW (MHz)	RBW (kHz)	Limit (dBm)
D	В	QPSK	30	300	-19.02
D	Т	QPSK	30	300	-19.02

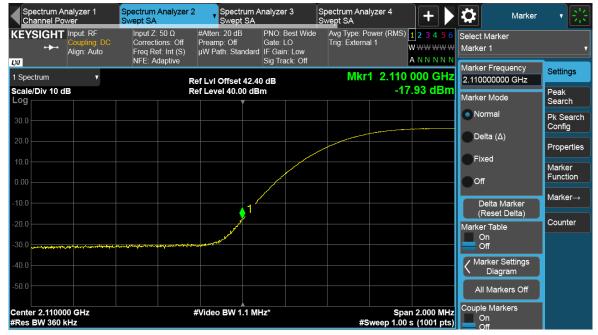








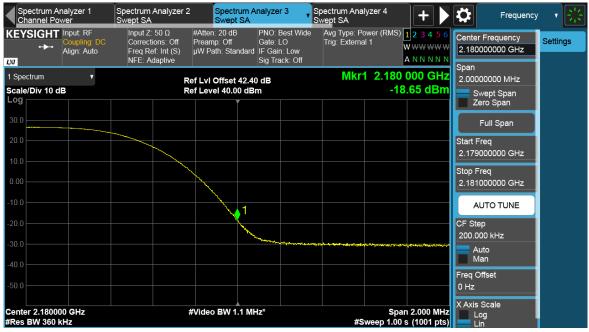
Antenna Port	Channel Position	Modulation	Carrier BW (MHz)	RBW (kHz)	Limit (dBm)
D	В	QPSK	35	360	-19.02
D	Т	QPSK	35	360	-19.02

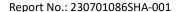




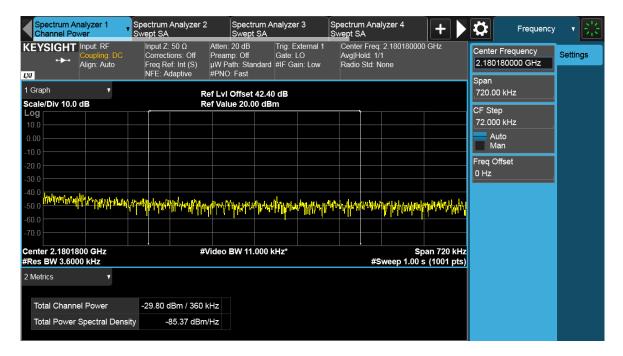




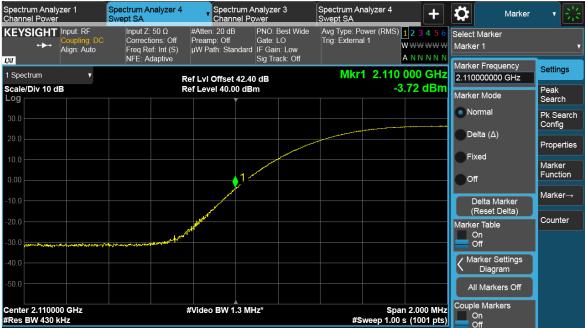






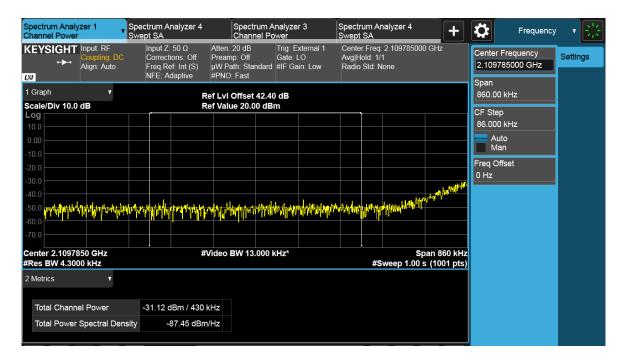


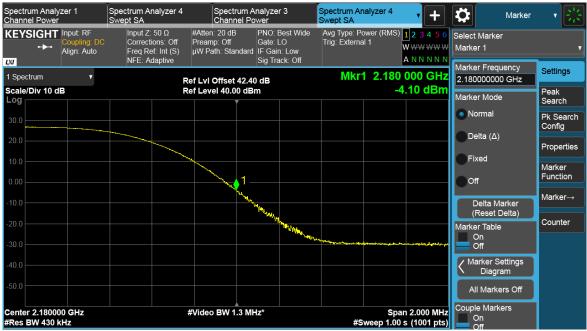
Antenna Port	Channel Position	Modulation	Carrier BW (MHz)	RBW (kHz)	Limit (dBm)
D	В	QPSK	40	430	-19.02
D	Т	QPSK	40	430	-19.02

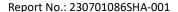




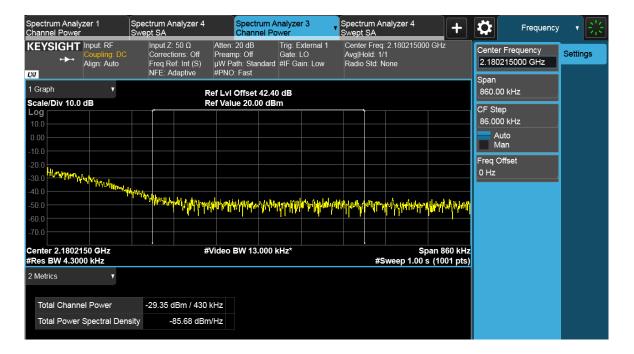












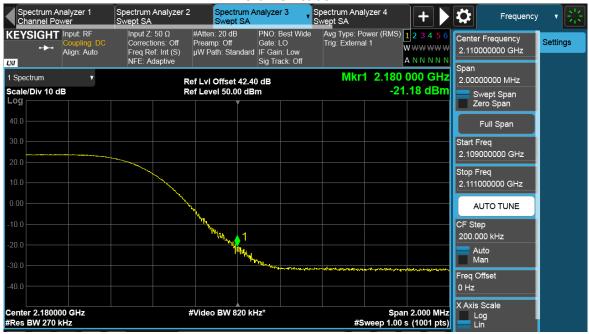
NR-2C-BE

Antenna Port	Channel Position	Modulation	Carrier BW (MHz)	RBW (kHz)	Limit (dBm)
D	В	QPSK	25	270	-19.02
D	Т	QPSK	25	270	-19.02

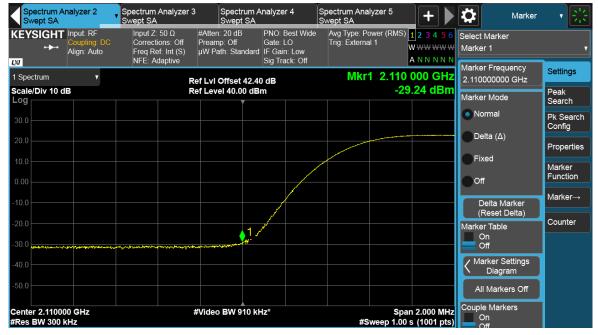


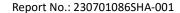




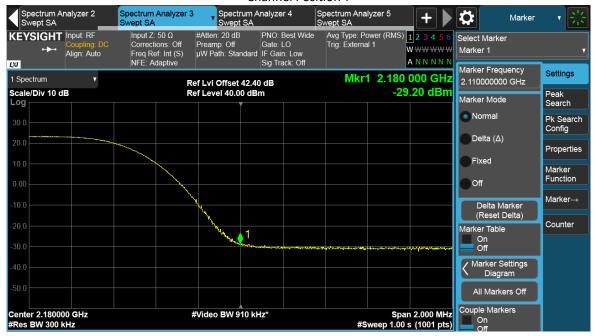


Antenna Port	Channel Position	Modulation	Carrier BW (MHz)	RBW (kHz)	Limit (dBm)
D	В	QPSK	30	300	-19.02
D	Т	QPSK	30	300	-19.02

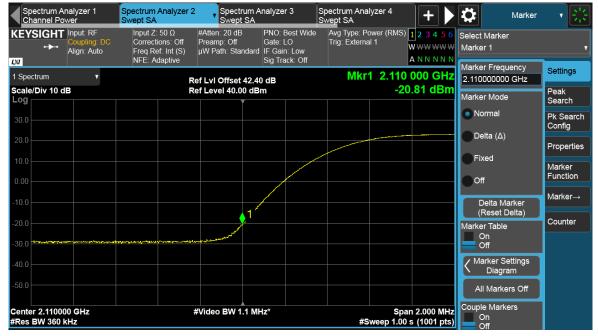




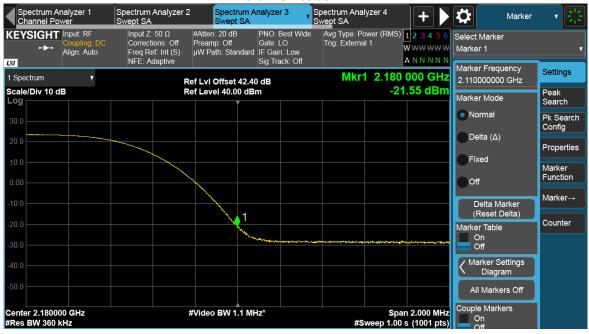




Antenna Port	Channel Position	Modulation	Carrier BW (MHz)	RBW (kHz)	Limit (dBm)
D	В	QPSK	35	360	-19.02
D	Т	QPSK	35	360	-19.02









Report No.: 230701086SHA-001

6 Conducted Unwanted Emission

Test result: Pass

6.1 Limit

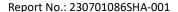
The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10log(P) dB.

6.2 Measurement Procedure

In accordance with FCC rules, the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB.

The spurious emissions from the antenna terminal were measured. The transmitter output power was attenuated using an attenuator and the frequency spectrum investigated from 9kHz to 22GHz. The resolution bandwidth of 1MHz was employed for frequency band 9kHz to 22GHz. The spectrum analyzer detector was set to RMS.

For MIMO mode configurations, the limit was adjusted with a correction of -6.02dB [10Log(1/4)] by using the Measure and Add 10Log(N) dB technique according to KDB 662911 D01 Multiple Transmitter Output accounting for simultaneous transmission from antenna ports. Then the limit was adjusted to -19.02dBm.



On



6.3 Measurement result

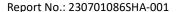
NR-1C

Start 9 kHz #Res BW 1.0 MHz

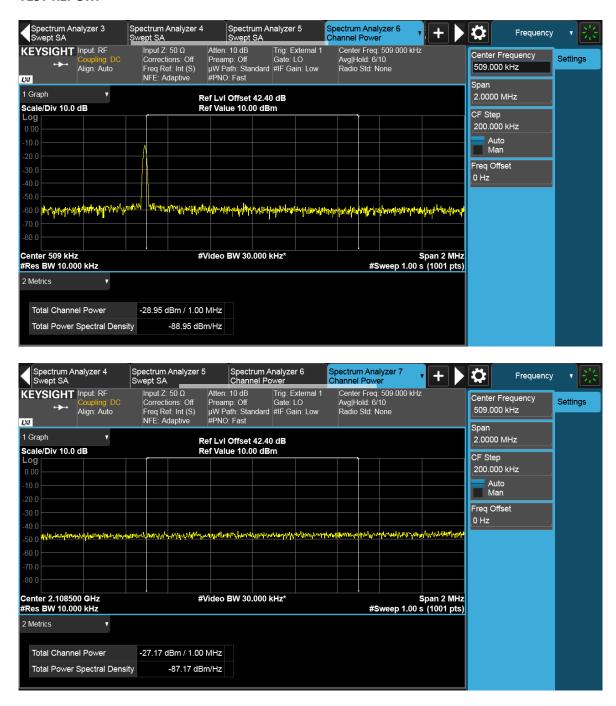
Antenna Port	Channel Position	Modulation	Carrier BW (MHz)	RBW (kHz)	Limit (dBm)
D	В	QPSK	25	1000	-19.02
D	Т	QPSK	25	1000	-19.02

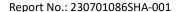
Channel Position B Spectrum Analyzer 1 Swept SA Spectrum Analyzer 2 Swept SA Spectrum Analyzer 3 Swept SA Spectrum Analyzer 4 Marker Swept SA Input Z: 50 Ω Corrections: Off Freq Ref: Int (S) NFE: Adaptive #Atten: 10 dB Avg Type: Power (RMS) 1 2 3 4 5 6 Trig: External 1 PNO: Fast KEYSIGHT Input: RF Select Marker Preamp: Off Gate: LO µW Path: Standard IF Gain: Low Sig Track: Off w ww ww w Marker 1 Align: Auto ANNNN LXI Marker Frequency Settings Mkr1 2.109 0 GHz 1 Spectrum 2.109000000 GHz Ref LvI Offset 42.40 dB Ref Level 20.00 dBm -6.42 dBm Scale/Div 10 dB Peak Search Search Pk Search Next Peak Properties Next Pk Right Marker Function Next Pk Left Minimum Peak Marker→ Pk-Pk Search Counter Marker Delta Mkr→CF Mkr→Ref LvI Continuous Peak Search Stop 2.109 GHz #Sweep ~5.01 s (5001 pts)

#Video BW 3.0 MHz*









Marker

Function

Marker→

Counter

Next Pk Left

Minimum Peak

Pk-Pk Search

Marker Delta

Mkr→CF Mkr→Ref LvI

On

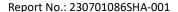
Stop 13.000 GHz Search



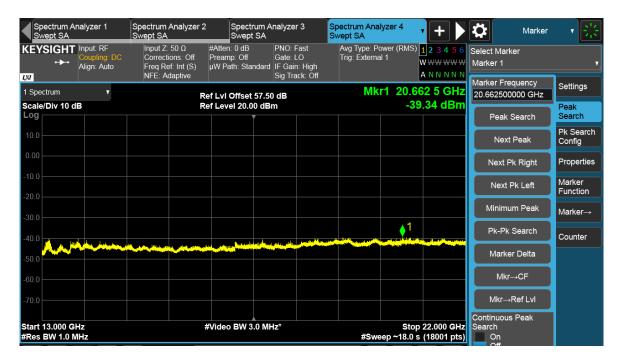
TEST REPORT

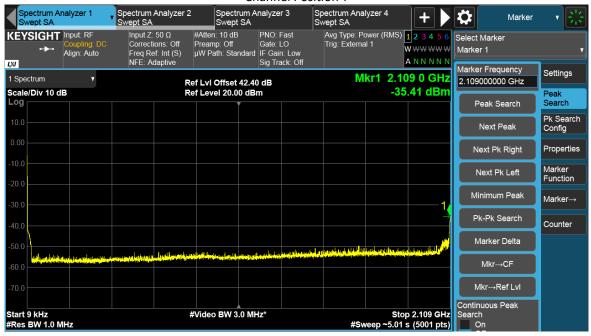


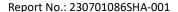
والمراكب والمراكب







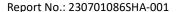




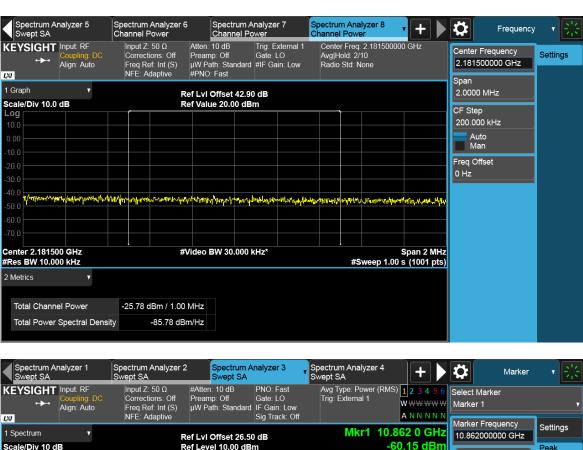


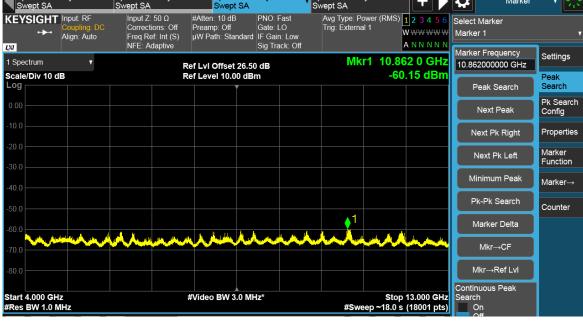


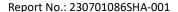




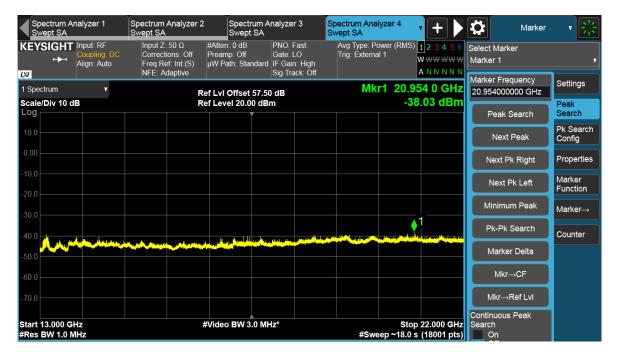












Antenna Port	Channel Position	Modulation	Carrier BW (MHz)	RBW (kHz)	Limit (dBm)
D	В	QPSK	30	1000	-19.02
D	Т	QPSK	30	1000	-19.02



