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Measurement Uncertainty:	±48kHz
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Table 13 Occupied Bandwidth (10 MHz Channel BW)

Config C:

Carrier Frequency [MHz]	Occupied Bandwidth [MHz]	Result
QPSK-Modulation ANT1		
2627.5	13.36	compliant
2655	13.43	compliant
2682.5	13.36	compliant
QPSK-Modulation ANT2		
2627.5	13.36	compliant
2655	13.43	compliant
2682.5	13.36	compliant
QPSK-Modulation ANT3		
2627.5	13.40	compliant
2655	13.43	compliant
2682.5	13.36	compliant
QPSK-Modulation ANT4		
2627.5	13.36	compliant
2655	13.43	compliant
2682.5	13.36	compliant
16QAM-Modulation ANT1		
2627.5	13.40	compliant
2655	13.43	compliant
2682.5	13.40	compliant
16QAM-Modulation ANT2		
2627.5	13.36	compliant
2655	13.40	compliant
2682.5	13.40	compliant
16QAM-Modulation ANT3		
2627.5	13.36	compliant
2655	13.40	compliant
2682.5	13.33	compliant
16QAM-Modulation ANT4		
2627.5	13.36	compliant
2655	13.46	compliant
2682.5	13.40	compliant
64QAM-Modulation ANT1		
2627.5	13.36	compliant

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2655	13.43	compliant
2682.5	13.40	compliant
64QAM-Modulation ANT2		
2627.5	13.36	compliant
2655	13.43	compliant
2682.5	13.36	compliant
64QAM-Modulation ANT3		
2627.5	13.36	compliant
2655	13.43	compliant
2682.5	13.36	compliant
64QAM-Modulation ANT4		
2627.5	13.40	compliant
2655	13.43	compliant
2682.5	13.36	compliant
256QAM-Modulation ANT1		
2627.5	13.40	compliant
2655	13.43	compliant
2682.5	13.40	compliant
256QAM-Modulation ANT2		
2627.5	13.36	compliant
2655	13.43	compliant
2682.5	13.40	compliant
256QAM-Modulation ANT3		
2627.5	13.40	compliant
2655	13.43	compliant
2682.5	13.36	compliant
256QAM-Modulation ANT4		
2627.5	13.40	compliant
2655	13.43	compliant
2682.5	13.40	compliant
Measurement Uncertainty:		±48kHz

Table 14 Occupied Bandwidth (15 MHz Channel BW)

Config D:

Carrier Frequency [MHz]	Occupied Bandwidth [MHz]	Result
QPSK-Modulation ANT1		
2630	17.84	compliant

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2655	17.86	compliant
2680	17.84	compliant
QPSK-Modulation ANT2		
2630	17.84	compliant
2655	17.82	compliant
2680	17.84	compliant
QPSK-Modulation ANT3		
2630	17.84	compliant
2655	17.86	compliant
2680	17.84	compliant
QPSK-Modulation ANT4		
2630	17.84	compliant
2655	17.82	compliant
2680	17.84	compliant
16QAM-Modulation ANT1		
2630	17.84	compliant
2655	17.82	compliant
2680	17.84	compliant
16QAM-Modulation ANT2		
2630	17.79	compliant
2655	17.78	compliant
2680	17.84	compliant
16QAM-Modulation ANT3		
2630	17.84	compliant
2655	17.82	compliant
2680	17.79	compliant
16QAM-Modulation ANT4		
2630	17.79	compliant
2655	17.82	compliant
2680	17.84	compliant
64QAM-Modulation ANT1		
2630	17.84	compliant
2655	17.82	compliant
2680	17.84	compliant
64QAM-Modulation ANT2		
2630	17.84	compliant
2655	17.90	compliant
2680	17.84	compliant

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64QAM-Modulation ANT3		
2630	17.84	compliant
2655	17.90	compliant
2680	17.84	compliant
64QAM-Modulation ANT4		
2630	17.84	compliant
2655	17.86	compliant
2680	17.84	compliant
256QAM-Modulation ANT1		
2630	17.84	compliant
2655	17.86	compliant
2680	17.84	compliant
256QAM-Modulation ANT2		
2630	17.84	compliant
2655	17.86	compliant
2680	17.84	compliant
256QAM-Modulation ANT3		
2630	17.84	compliant
2655	17.90	compliant
2680	17.84	compliant
256QAM-Modulation ANT4		
2630	17.84	compliant
2655	17.86	compliant
2680	17.84	compliant
Measurement Uncertainty:		±48kHz

Table 15 Occupied Bandwidth (20 MHz Channel BW)

Config E:

Carrier Frequency [MHz]	Occupied Bandwidth [MHz]	Result
QPSK-Modulation ANT1		
2622.5/2627.5	9.43	compliant
2652.5/2657.5	9.44	compliant
2682.5/2687.5	9.43	compliant
QPSK-Modulation ANT2		
2622.5/2627.5	9.43	compliant
2652.5/2657.5	9.43	compliant
2682.5/2687.5	9.43	compliant
QPSK-Modulation ANT3		

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2622.5/2627.5	9.43	compliant
2652.5/2657.5	9.43	compliant
2682.5/2687.5	9.43	compliant
QPSK-Modulation ANT4		
2622.5/2627.5	9.43	compliant
2652.5/2657.5	9.43	compliant
2682.5/2687.5	9.43	compliant
16QAM-Modulation ANT1		
2622.5/2627.5	9.40	compliant
2652.5/2657.5	9.41	compliant
2682.5/2687.5	9.38	compliant
16QAM-Modulation ANT2		
2622.5/2627.5	9.41	compliant
2652.5/2657.5	9.42	compliant
2682.5/2687.5	9.40	compliant
16QAM-Modulation ANT3		
2622.5/ 2627.5	9.40	compliant
2652.5/2657.5	9.42	compliant
2682.5/2687.5	9.39	compliant
16QAM-Modulation ANT4		
2622.5/2627.5	9.40	compliant
2652.5/2657.5	9.39	compliant
2682.5/2687.5	9.40	compliant
64QAM-Modulation ANT1		
2622.5/2627.5	9.42	compliant
2652.5/2657.5	9.44	compliant
2682.5/2687.5	9.42	compliant
64QAM-Modulation ANT2		
2622.5/2627.5	9.43	compliant
2652.5/2657.5	9.44	compliant
2682.5/2687.5	9.42	compliant
64QAM-Modulation ANT3		
2622.5/2627.5	9.42	compliant
2652.5/2657.5	9.43	compliant
2682.5/2687.5	9.42	compliant
64QAM-Modulation ANT4		
2622.5/2627.5	9.42	compliant
2652.5/2657.5	9.44	compliant
2682.5/2687.5	9.43	compliant

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256QAM-Modulation ANT1		
2622.5/2627.5	9.42	compliant
2652.5/2657.5	9.44	compliant
2682.5/2687.5	9.43	compliant
256QAM-Modulation ANT2		
2622.5/2627.5	9.43	compliant
2652.5/2657.5	9.43	compliant
2682.5/2687.5	9.43	compliant
256QAM-Modulation ANT3		
2622.5/2627.5	9.43	compliant
2652.5/2657.5	9.44	compliant
2682.5/2687.5	9.43	compliant
256QAM-Modulation ANT4		
2622.5/2627.5	9.42	compliant
2652.5/2657.5	9.44	compliant
2682.5/2687.5	9.43	compliant
Measurement Uncertainty:		±48kHz

Table 16 Occupied Bandwidth (5+5 MHz Channel BW)

Config F:

Carrier Frequency [MHz]	Occupied Bandwidth [MHz]	Result
QPSK-Modulation ANT1		
2625/2635	18.86	compliant
2650/2660	18.80	compliant
2675/2685	18.86	compliant
QPSK-Modulation ANT2		
2625/2635	18.86	compliant
2650/2660	18.90	compliant
2675/2685	18.83	compliant
QPSK-Modulation ANT3		
2625/2635	18.86	compliant
2650/2660	18.82	compliant
2675/2685	18.83	compliant
QPSK-Modulation ANT4		
2625/2635	18.86	compliant
2650/2660	18.82	compliant

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2675/2685	18.83	compliant
16QAM-Modulation ANT1		
2625/2635	18.86	compliant
2650/2660	18.80	compliant
2675/2685	18.86	compliant
16QAM-Modulation ANT2		
2625/2635	18.86	compliant
2650/2660	18.86	compliant
2675/2685	18.84	compliant
16QAM-Modulation ANT3		
2625/2635	18.84	compliant
2650/2660	18.77	compliant
2675/2685	18.86	compliant
16QAM-Modulation ANT4		
2625/2635	18.86	compliant
2650/2660	18.81	compliant
2675/2685	18.84	compliant
64QAM-Modulation ANT1		
2625/2635	18.86	compliant
2650/2660	18.90	compliant
2675/2685	18.86	compliant
64QAM-Modulation ANT2		
2625/2635	18.86	compliant
2650/2660	18.83	compliant
2675/2685	18.86	compliant
64QAM-Modulation ANT3		
2625/2635	18.86	compliant
2650/2660	18.82	compliant
2675/2685	18.86	compliant
64QAM-Modulation ANT4		
2625/2635	18.86	compliant
2650/2660	18.83	compliant
2675/2685	18.86	compliant
256QAM-Modulation ANT1		
2625/2635	18.86	compliant
2650/2660	18.83	compliant
2675/2685	18.88	compliant
256QAM-Modulation ANT2		
2625/2635	18.86	compliant

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2650/2660	18.90	compliant
2675/2685	18.86	compliant
256QAM-Modulation ANT3		
2625/2635	18.86	compliant
2650/2660	18.83	compliant
2675/2685	18.86	compliant
256QAM-Modulation ANT4		
2625/2635	18.86	compliant
2650/2660	18.83	compliant
2675/2685	18.86	compliant
Measurement Uncertainty:		±48kHz

Table 17 Occupied Bandwidth (10+10 MHz Channel BW)

Config G:

Carrier Frequency [MHz]	Occupied Bandwidth [MHz]	Result
QPSK-Modulation ANT1		
2627.5/2642.5	28.23	compliant
2647.5/2662.5	28.29	compliant
2667.5/2682.5	28.23	compliant
QPSK-Modulation ANT2		
2627.5/2642.5	28.26	compliant
2647.5/2662.5	28.26	compliant
2667.5/2682.5	28.23	compliant
QPSK-Modulation ANT3		
2627.5/2642.5	28.26	compliant
2647.5/2662.5	28.26	compliant
2667.5/2682.5	28.23	compliant
QPSK-Modulation ANT4		
2627.5/2642.5	28.26	compliant
2647.5/2662.5	28.26	compliant
2667.5/2682.5	28.23	compliant
16QAM-Modulation ANT1		
2627.5/2642.5	28.23	compliant
2647.5/2662.5	28.29	compliant
2667.5/2682.5	28.26	compliant
16QAM-Modulation ANT2		
2627.5/2642.5	28.20	compliant
2647.5/2662.5	28.29	compliant

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2667.5/2682.5	28.20	compliant
16QAM-Modulation ANT3		
2627.5/2642.5	28.20	compliant
2647.5/2662.5	28.29	compliant
2667.5/2682.5	28.20	compliant
16QAM-Modulation ANT4		
2627.5/2642.5	28.20	compliant
2647.5/2662.5	28.26	compliant
2667.5/2682.5	28.20	compliant
64QAM-Modulation ANT1		
2627.5/2642.5	28.20	compliant
2647.5/2662.5	28.29	compliant
2667.5/2682.5	28.20	compliant
64QAM-Modulation ANT2		
2627.5/2642.5	28.23	compliant
2647.5/2662.5	28.26	compliant
2667.5/2682.5	28.26	compliant
64QAM-Modulation ANT3		
2627.5/2642.5	28.26	compliant
2647.5/2662.5	28.26	compliant
2667.5/2682.5	28.26	compliant
64QAM-Modulation ANT4		
2627.5/2642.5	28.26	compliant
2647.5/2662.5	28.26	compliant
2667.5/2682.5	28.23	compliant
256QAM-Modulation ANT1		
2627.5/2642.5	28.23	compliant
2647.5/2662.5	28.29	compliant
2667.5/2682.5	28.26	compliant
256QAM-Modulation ANT2		
2627.5/2642.5	28.23	compliant
2647.5/2662.5	28.26	compliant
2667.5/2682.5	28.26	compliant
256QAM-Modulation ANT3		
2627.5/2642.5	28.26	compliant
2647.5/2662.5	28.26	compliant
2667.5/2682.5	28.26	compliant
256QAM-Modulation ANT4		
2627.5/2642.5	28.26	compliant

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2647.5/2662.5	28.26	compliant
2667.5/2682.5	28.23	compliant
Measurement Uncertainty:		±48kHz

Table 68 Occupied Bandwidth (15+15 MHz Channel BW)

Config H:

Carrier Frequency [MHz]	Occupied Bandwidth [MHz]	Result
QPSK-Modulation ANT1		
2630/2650	37.80	compliant
2645/2665	37.72	compliant
2660/2680	37.72	compliant
QPSK-Modulation ANT2		
2630/2650	37.76	compliant
2645/2665	37.72	compliant
2660/2680	37.68	compliant
QPSK-Modulation ANT3		
2630/2650	37.72	compliant
2645/2665	37.68	compliant
2660/2680	37.68	compliant
QPSK-Modulation ANT4		
2630/2650	37.76	compliant
2645/2665	37.72	compliant
2660/2680	37.64	compliant
16QAM-Modulation ANT1		
2630/2650	37.80	compliant
2645/2665	37.68	compliant
2660/2680	37.68	compliant
16QAM-Modulation ANT2		
2630/2650	37.72	compliant
2645/2665	37.68	compliant
2660/2680	37.60	compliant
16QAM-Modulation ANT3		
2630/2650	37.68	compliant
2645/2665	37.68	compliant
2660/2680	37.60	compliant
16QAM-Modulation ANT4		
2630/2650	37.72	compliant
2645/2665	37.72	compliant

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2660/2680	37.64	compliant
64QAM-Modulation ANT1		
2630/2650	37.72	compliant
2645/2665	37.76	compliant
2660/2680	37.68	compliant
64QAM-Modulation ANT2		
2630/2650	37.72	compliant
2645/2665	37.71	compliant
2660/2680	37.68	compliant
64QAM-Modulation ANT3		
2630/2650	37.72	compliant
2645/2665	37.72	compliant
2660/2680	37.68	compliant
64QAM-Modulation ANT4		
2630/2650	37.84	compliant
2645/2665	37.76	compliant
2660/2680	37.60	compliant
256QAM-Modulation ANT1		
2630/2650	37.76	compliant
2645/2665	37.72	compliant
2660/2680	37.64	compliant
256QAM-Modulation ANT2		
2630/2650	37.76	compliant
2645/2665	37.71	compliant
2660/2680	37.68	compliant
256QAM-Modulation ANT3		
2630/2650	37.76	compliant
2645/2665	37.72	compliant
2660/2680	37.68	compliant
256QAM-Modulation ANT4		
2630/2650	37.84	compliant
2645/2665	37.76	compliant
2660/2680	37.64	compliant
Measurement Uncertainty:		±48kHz

Table 79 Occupied Bandwidth (20+20 MHz Channel BW)

The occupied bandwidth was found to be compliant with the manufacturer's specifications and with all requirements of the FCC rules and IC RSS specification.

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4.4 Test No. 4: Spurious Emissions at Antenna Terminals (§ 2.1051, § 2.1057, § 27.53) and Transmitter unwanted emissions (RSS-199, RSS-Gen)

4.4.1. Limits

Para. No. 27.53(m). For BRS and EBS stations, the power of any emissions outside the licensee's frequency bands of operation shall be attenuated below the transmitter power (P) measured in watts.

(m)(2) For digital base stations, the attenuation shall be not less than $43 + 10 \log_{10}(P)$ dB.

RSS-199 para. No. 4.5 (a) For base station and fixed subscriber equipment, the power of any unwanted emissions measured as above shall be attenuated (in dB) below the transmitter power, P (dBW), by at least $43 + 10 \log_{10} p$.

The compliance limit was calculated in the following way:

Maximum transmitter output power [W]:	P
Maximum transmitter output power [dBm]:	$30 + 10 \log_{10} P$ (conversion from W to dBm)
Attenuation required by FCC and IC:	$43 + 10 \log_{10} P$
Compliance limit = Maximum transmitter output power - Required attenuation	
	$= 30 + 10 \log_{10} P - (43 + 10 \log_{10} P) = \underline{-13 \text{ dBm}}$

For MiMo output each antenna connectors were measured individually and each individual limit line was reduced by additional $10 \log(4) - 6.02$ dB (four way MiMo config) and limit line was calculated to show -19.02 dB emission limit, according to FCC KDB 662911 D02 guidance.

4.4.2. Test Procedure and Results

The tests were carried out in accordance with § 27.53. For all frequency ranges except two (immediately below and above the carrier frequency block). Resolution bandwidth of at least 1% of OBW or greater was employed.

In the 1 MHz bands immediately outside and adjacent to the authorized frequency range or channel, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter was employed.

RSS-199 para. No. 4.5 In the 1 MHz band immediately outside and adjacent to the channel edge, the unwanted emission power shall be measured with a resolution bandwidth of at least 1% of the occupied bandwidth for base station and fixed subscriber equipment,



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According to § 2.1057, all emissions including the fundamental frequency from the lowest radio frequency generated in the equipment, without going below 9kHz, up to the 10th harmonic were investigated.

According to RSS-Gen para. No. 6.13 In measuring unwanted emissions, the spectrum shall be investigated from the lowest radio frequency signal generated in the equipment, without going below 9 kHz, up to at least the frequency given below:

(a) If the equipment operates below 10 GHz: to the tenth harmonic of the highest fundamental frequency were investigated.

The following tables summarize the worst case detected emission levels in all antenna ports (see screenshots of highest emission antenna on page 123 for details). The external attenuation (cable loss of the set up) is already added in the results. Limit line is set fixed to level -19.02dB.

Measured laboratory room temperature and humidity during the tests				
Date	Temperature Min-Max:		Humidity Min-Max:	
15 Feb – 23 Apr 2018	23.2°C	25.2°C	3.5 RH%	17.6 RH%

Config A Lower band edge:

Carrier Frequency: 2622.5 MHz			
Frequency Range [MHz]	Emission Frequency [MHz]	Maximum Emission Level [dBm]	Result
QPSK-Modulation ANT1			
	2620	-26.73	compliant
QPSK-Modulation ANT2			
	2620	-26.41	compliant
QPSK-Modulation ANT3			
	2620	-28.46	compliant
QPSK-Modulation ANT4			
	2620	-28.69	compliant
16QAM-Modulation ANT1			
	2620	-28.58	compliant
16QAM-Modulation ANT2			
	2620	-28.19	compliant
16QAM-Modulation ANT3			
	2620	-29.30	compliant
16QAM-Modulation ANT4			
	2620	-28.56	compliant
64QAM-Modulation ANT1			

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64QAM-Modulation ANT2			
	2620	-25.86	compliant
64QAM-Modulation ANT3			
	2620	-29.68	compliant
64QAM-Modulation ANT4			
	2620	-28.64	compliant
256QAM-Modulation ANT1			
	2620	-29.31	compliant
256QAM-Modulation ANT2			
	2620	-29.38	compliant
256QAM-Modulation ANT3			
	2620	-30.12	compliant
256QAM-Modulation ANT4			
	2620	-29.80	compliant
Measurement Uncertainty:		$f < 1.0\text{GHz}: \pm 1.1\text{dB},$ $1.0\text{GHz} \leq f < 3.6\text{GHz}: \pm 1.2\text{dB},$ $3.6\text{GHz} \leq f < 8.0\text{GHz}: \pm 1.6\text{dB},$ $8.0\text{GHz} \leq f: \pm 1.9\text{dB}$	

Table 20 Spurious Emissions (Lower band edge) (5 MHz CH BW)

Config A Upper band edge:

Carrier Frequency: 2687.5 MHz			
Frequency Range [MHz]	Emission Frequency [MHz]	Maximum Emission Level [dBm]	Result
QPSK-Modulation ANT1			
	2690	-27.17	compliant
QPSK-Modulation ANT2			
	2690	-26.91	compliant
QPSK-Modulation ANT3			
	2690	-27.79	compliant
QPSK-Modulation ANT4			
	2690	-25.86	compliant
16QAM-Modulation ANT1			
	2690	-27.52	compliant
16QAM-Modulation ANT2			

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	2690	-27.17	compliant
16QAM-Modulation ANT3			
	2690	-26.86	compliant
16QAM-Modulation ANT4			
	2690	-25.95	compliant
64QAM-Modulation ANT1			
	2690	-28.54	compliant
64QAM-Modulation ANT2			
	2690	-26.34	compliant
64QAM-Modulation ANT3			
	2690	-27.54	compliant
64QAM-Modulation ANT4			
	2690	-26.42	compliant
256QAM-Modulation ANT1			
	2690	-28.20	compliant
256QAM-Modulation ANT2			
	2690	-26.04	compliant
256QAM-Modulation ANT3			
	2690	-27.47	compliant
256QAM-Modulation ANT4			
	2690	-26.47	compliant

Table 21 Spurious Emissions (Upper band edge) (5 MHz CH BW)

Config A Spurious emissions:

Carrier Frequency: 2655 MHz			
Frequency Range [MHz]	Emission Frequency [MHz]	Maximum Emission Level [dBm]	Result
QPSK-Modulation ANT1			
0.009 – 26900	2651	-20.03	compliant
QPSK-Modulation ANT2			
0.009 – 26900	2651	-19.68	compliant
QPSK-Modulation ANT3			
0.009 – 26900	2651	-19.71	compliant
QPSK-Modulation ANT4			
0.009 – 26900	2651	-19.94	compliant
16QAM-Modulation ANT1			
0.009 – 26900	2659	-19.51	compliant

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16QAM-Modulation ANT2			
0.009 – 26900	2651	-20.12	compliant
16QAM-Modulation ANT3			
0.009 – 26900	2651	-20.30	compliant
16QAM-Modulation ANT4			
0.009 – 26900	2659	-19.30	compliant
64QAM-Modulation ANT1			
0.009 – 26900	2651	-20.32	compliant
64QAM-Modulation ANT2			
0.009 – 26900	2651	-19.82	compliant
64QAM-Modulation ANT3			
0.009 – 26900	2651	-19.82	compliant
64QAM-Modulation ANT4			
0.009 – 26900	2651	-20.27	compliant
256QAM-Modulation ANT1			
0.009 – 26900	2659	-20.81	compliant
256QAM-Modulation ANT2			
0.009 – 26900	2651	-20.50	compliant
256QAM-Modulation ANT3			
0.009 – 26900	2659	-19.27	compliant
256QAM-Modulation ANT4			
0.009 – 26900	2651	-20.93	compliant
Measurement Uncertainty:		$f < 1.0\text{GHz}: \pm 1.1\text{dB},$ $1.0\text{GHz} \leq f < 3.6\text{GHz}: \pm 1.2\text{dB},$ $3.6\text{GHz} \leq f < 8.0\text{GHz}: \pm 1.6\text{dB},$ $8.0\text{GHz} \leq f: \pm 1.9\text{dB}$	

Table 22 Spurious Emissions (5 MHz Channel BW)

Config B Lower band edge:

Carrier Frequency: 2625 MHz			
Frequency Range [MHz]	Emission Frequency [MHz]	Maximum Emission Level [dBm]	Result
QPSK-Modulation ANT1			
	2620	-27.27	compliant
QPSK-Modulation ANT2			
	2620	-26.30	compliant
QPSK-Modulation ANT3			
	2620	-29.07	compliant

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QPSK-Modulation ANT4			
	2620	-27.81	compliant
16QAM-Modulation ANT1			
	2620	-29.49	compliant
16QAM-Modulation ANT2			
	2620	-28.34	compliant
16QAM-Modulation ANT3			
	2620	-30.05	compliant
16QAM-Modulation ANT4			
	2620	-29.17	compliant
64QAM-Modulation ANT1			
	2620	-29.34	compliant
64QAM-Modulation ANT2			
	2620	-27.87	compliant
64QAM-Modulation ANT3			
	2620	-29.76	compliant
64QAM-Modulation ANT4			
	2620	-29.02	compliant
256QAM-Modulation ANT1			
	2620	-28.68	compliant
256QAM-Modulation ANT2			
	2620	-27.97	compliant
256QAM-Modulation ANT3			
	2620	-29.86	compliant
256QAM-Modulation ANT4			
	2620	-29.00	compliant
Measurement Uncertainty:		$f < 1.0\text{GHz}: \pm 1.1\text{dB},$ $1.0\text{GHz} \leq f < 3.6\text{GHz}: \pm 1.2\text{dB},$ $3.6\text{GHz} \leq f < 8.0\text{GHz}: \pm 1.6\text{dB},$ $8.0\text{GHz} \leq f: \pm 1.9\text{dB}$	

Table 23 Spurious Emissions (Lower band edge) (10 MHz CH BW)

Config B Upper band edge:

Carrier Frequency: 2685 MHz			
Frequency Range [MHz]	Emission Frequency [MHz]	Maximum Emission Level [dBm]	Result
QPSK-Modulation ANT1			
	2690	-27.84	compliant

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QPSK-Modulation ANT2			
	2690	-27.25	compliant
QPSK-Modulation ANT3			
	2690	-27.71	compliant
QPSK-Modulation ANT4			
	2690	-27.78	compliant
16QAM-Modulation ANT1			
	2690	-28.03	compliant
16QAM-Modulation ANT2			
	2690	-27.14	compliant
16QAM-Modulation ANT3			
	2690	-27.89	compliant
16QAM-Modulation ANT4			
	2690	-27.64	compliant
64QAM-Modulation ANT1			
	2690	-28.30	compliant
64QAM-Modulation ANT2			
	2690	-26.20	compliant
64QAM-Modulation ANT3			
	2690	-27.85	compliant
64QAM-Modulation ANT4			
	2690	-26.36	compliant
256QAM-Modulation ANT1			
	2690	-27.96	compliant
256QAM-Modulation ANT2			
	2690	-27.27	compliant
256QAM-Modulation ANT3			
	2690	-27.98	compliant
256QAM-Modulation ANT4			
	2690	-27.71	compliant
Measurement Uncertainty:		$f < 1.0\text{GHz}: \pm 1.1\text{dB},$ $1.0\text{GHz} \leq f < 3.6\text{GHz}: \pm 1.2\text{dB},$ $3.6\text{GHz} \leq f < 8.0\text{GHz}: \pm 1.6\text{dB},$ $8.0\text{GHz} \leq f: \pm 1.9\text{dB}$	

Table 24 Spurious Emissions (Upper band edge) (10 MHz CH BW)

Config B Spurious emissions:

Carrier Frequency: 2655 MHz

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Frequency Range [MHz]	Emission Frequency [MHz]	Maximum Emission Level [dBm]	Result
QPSK-Modulation ANT1			
0.009 – 26900	2661	-21.36	compliant
QPSK-Modulation ANT2			
0.009 – 26900	2661	-20.01	compliant
QPSK-Modulation ANT3			
0.009 – 26900	2649	-20.41	compliant
QPSK-Modulation ANT4			
0.009 – 26900	2661	-19.42	compliant
16QAM-Modulation ANT1			
0.009 – 26900	2649	-19.28	compliant
16QAM-Modulation ANT2			
0.009 – 26900	2661	-20.36	compliant
16QAM-Modulation ANT3			
0.009 – 26900	2661	-21.25	compliant
16QAM-Modulation ANT4			
0.009 – 26900	2661	-19.35	compliant
64QAM-Modulation ANT1			
0.009 – 26900	2661	-21.19	compliant
64QAM-Modulation ANT2			
0.009 – 26900	2661	-19.44	compliant
64QAM-Modulation ANT3			
0.009 – 26900	2661	-21.02	compliant
64QAM-Modulation ANT4			
0.009 – 26900	2661	-20.05	compliant
256QAM-Modulation ANT1			
0.009 – 26900	2661	-21.55	compliant
256QAM-Modulation ANT2			
0.009 – 26900	2661	-19.59	compliant
256QAM-Modulation ANT3			
0.009 – 26900	2661	-20.84	compliant
256QAM-Modulation ANT4			
0.009 – 26900	2661	-20.07	compliant
Measurement Uncertainty:		$f < 1.0\text{GHz}: \pm 1.1\text{dB},$ $1.0\text{GHz} \leq f < 3.6\text{GHz}: \pm 1.2\text{dB},$ $3.6\text{GHz} \leq f < 8.0\text{GHz}: \pm 1.6\text{dB},$ $8.0\text{GHz} \leq f: \pm 1.9\text{dB}$	

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Table 25 Spurious Emissions (10 MHz CH BW)

Config C Lower band edge:

Carrier Frequency: 2627.5 MHz			
Frequency Range [MHz]	Emission Frequency [MHz]	Maximum Emission Level [dBm]	Result
QPSK-Modulation ANT1			
	2620	-23.37	compliant
QPSK-Modulation ANT2			
	2620	-22.88	compliant
QPSK-Modulation ANT3			
	2620	-24.04	compliant
QPSK-Modulation ANT4			
	2620	-23.78	compliant
16QAM-Modulation ANT1			
	2620	-24.45	compliant
16QAM-Modulation ANT2			
	2620	-24.42	compliant
16QAM-Modulation ANT3			
	2620	-25.75	compliant
16QAM-Modulation ANT4			
	2620	-24.90	compliant
64QAM-Modulation ANT1			
	2620	-24.76	compliant
64QAM-Modulation ANT2			
	2620	-24.24	compliant
64QAM-Modulation ANT3			
	2620	-25.32	compliant
64QAM-Modulation ANT4			
	2620	-24.35	compliant
256QAM-Modulation ANT1			
	2620	-24.78	compliant
256QAM-Modulation ANT2			
	2620	-24.47	compliant
256QAM-Modulation ANT3			
	2620	-25.19	compliant
256QAM-Modulation ANT4			
	2620	-24.27	compliant

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Measurement Uncertainty:	$f < 1.0\text{GHz}: \pm 1.1\text{dB},$ $1.0\text{GHz} \leq f < 3.6\text{GHz}: \pm 1.2\text{dB},$ $3.6\text{GHz} \leq f < 8.0\text{GHz}: \pm 1.6\text{dB},$ $8.0\text{GHz} \leq f: \pm 1.9\text{dB}$
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Table 26 Spurious Emissions (Lower band edge) (15 MHz CH BW)

Config C Upper band edge:

Carrier Frequency: 2682.5 MHz			
Frequency Range [MHz]	Emission Frequency [MHz]	Maximum Emission Level [dBm]	Result
QPSK-Modulation ANT1			
	2690	-24.66	compliant
QPSK-Modulation ANT2			
	2690	-24.42	compliant
QPSK-Modulation ANT3			
	2690	-26.46	compliant
QPSK-Modulation ANT4			
	2690	-25.82	compliant
16QAM-Modulation ANT1			
	2690	-25.65	compliant
16QAM-Modulation ANT2			
	2690	-25.36	compliant
16QAM-Modulation ANT3			
	2690	-26.60	compliant
16QAM-Modulation ANT4			
	2690	-25.97	compliant
64QAM-Modulation ANT1			
	2690	-25.61	compliant
64QAM-Modulation ANT2			
	2690	-24.89	compliant
64QAM-Modulation ANT3			
	2690	-26.42	compliant
64QAM-Modulation ANT425-67			
	2690	-26.30	compliant
256QAM-Modulation ANT1			
	2690	-25.67	compliant
256QAM-Modulation ANT2			
	2690	-24.79	compliant

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256QAM-Modulation ANT3			
	2690	-26.35	compliant
256QAM-Modulation ANT4			
	2690	-26.01	compliant
Measurement Uncertainty:		$f < 1.0\text{GHz}: \pm 1.1\text{dB},$ $1.0\text{GHz} \leq f < 3.6\text{GHz}: \pm 1.2\text{dB},$ $3.6\text{GHz} \leq f < 8.0\text{GHz}: \pm 1.6\text{dB},$ $8.0\text{GHz} \leq f: \pm 1.9\text{dB}$	

Table 27 Spurious Emissions (Upper band edge) (15 MHz CH BW)

Config C Spurious emissions:

Carrier Frequency: 2655 MHz			
Frequency Range [MHz]	Emission Frequency [MHz]	Maximum Emission Level [dBm]	Result
QPSK-Modulation ANT1			
0.009 – 26900	2664	-21.91	compliant
QPSK-Modulation ANT2			
0.009 – 26900	2646	-21.51	compliant
QPSK-Modulation ANT3			
0.009 – 26900	2646	-22.47	compliant
QPSK-Modulation ANT4			
0.009 – 26900	2646	-21.73	compliant
16QAM-Modulation ANT1			
0.009 – 26900	2646	-21.21	compliant
16QAM-Modulation ANT2			
0.009 – 26900	2646	-19.27	compliant
16QAM-Modulation ANT3			
0.009 – 26900	2664	-20.51	compliant
16QAM-Modulation ANT4			
0.009 – 26900	2646	-22.39	compliant
64QAM-Modulation ANT1			
0.009 – 26900	2664	-20.72	compliant
64QAM-Modulation ANT2			
0.009 – 26900	2646	-19.09	compliant

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64QAM-Modulation ANT3			
0.009 – 26900	2664	-20.01	compliant
64QAM-Modulation ANT4			
0.009 – 26900	2664	-21.87	compliant
256QAM-Modulation ANT1			
0.009 – 26900	2664	-20.66	compliant
256QAM-Modulation ANT2			
0.009 – 26900	2646	-19.19	compliant
256QAM-Modulation ANT3			
0.009 – 26900	2664	-20.23	compliant
256QAM-Modulation ANT4			
0.009 – 26900	2664	-21.75	compliant
Measurement Uncertainty:		$f < 1.0\text{GHz}: \pm 1.1\text{dB},$ $1.0\text{GHz} \leq f < 3.6\text{GHz}: \pm 1.2\text{dB},$ $3.6\text{GHz} \leq f < 8.0\text{GHz}: \pm 1.6\text{dB},$ $8.0\text{GHz} \leq f: \pm 1.9\text{dB}$	

Table 28 Spurious Emissions (15 MHz CH BW)

Config D Lower band edge:

Carrier Frequency: 2610 MHz			
Frequency Range [MHz]	Emission Frequency [MHz]	Maximum Emission Level [dBm]	Result
QPSK-Modulation ANT1			
	2620	-26.49	compliant
QPSK-Modulation ANT2			
	2620	-27.09	compliant
QPSK-Modulation ANT3			
	2620	-28.12	compliant
QPSK-Modulation ANT4			
	2620	-27.30	compliant
16QAM-Modulation ANT1			
	2620	-28.03	compliant
16QAM-Modulation ANT2			
	2620	-27.09	compliant
16QAM-Modulation ANT3			
	2620	-28.38	compliant

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16QAM-Modulation ANT4			
	2620	-28.18	compliant
64QAM-Modulation ANT1			
	2620	-28.23	compliant
64QAM-Modulation ANT2			
	2620	-27.37	compliant
64QAM-Modulation ANT3			
	2620	-28.53	compliant
64QAM-Modulation ANT4			
	2620	-28.10	compliant
256QAM-Modulation ANT1			
	2620	-28.37	compliant
256QAM-Modulation ANT2			
	2620	-27.40	compliant
256QAM-Modulation ANT3			
	2620	-28.98	compliant
256QAM-Modulation ANT4--			
	2620	-28.48	compliant
Measurement Uncertainty:		$f < 1.0\text{GHz}: \pm 1.1\text{dB},$ $1.0\text{GHz} \leq f < 3.6\text{GHz}: \pm 1.2\text{dB},$ $3.6\text{GHz} \leq f < 8.0\text{GHz}: \pm 1.6\text{dB},$ $8.0\text{GHz} \leq f: \pm 1.9\text{dB}$	

Table 29 Spurious Emissions (Lower band edge) (20 MHz CH BW)

Config D Upper band edge:

Carrier Frequency: 2680.0 MHz			
Frequency Range [MHz]	Emission Frequency [MHz]	Maximum Emission Level [dBm]	Result
QPSK-Modulation ANT1			
	2690	-26.73	compliant
QPSK-Modulation ANT2			
	2690	-27.07	compliant
QPSK-Modulation ANT3			
	2690	-27.98	compliant
QPSK-Modulation ANT4			
	2690	-28.19	compliant

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16QAM-Modulation ANT1			
	2690	-28.16	compliant
16QAM-Modulation ANT2			
	2690	-27.76	compliant
16QAM-Modulation ANT3			
	2690	-28.92	compliant
16QAM-Modulation ANT4			
	2690	-28.87	compliant
64QAM-Modulation ANT1			
	2690	-28.31	compliant
64QAM-Modulation ANT2			
	2690	-27.59	compliant
64QAM-Modulation ANT3			
	2690	-29.20	compliant
64QAM-Modulation ANT4			
	2690	-29.20	compliant
256QAM-Modulation ANT1			
	2690	-28.38	compliant
256QAM-Modulation ANT2			
	2690	-26.92	compliant
256QAM-Modulation ANT3			
	2690	-28.31	compliant
256QAM-Modulation ANT4			
	2690	-28.71	compliant
Measurement Uncertainty:		$f < 1.0\text{GHz}: \pm 1.1\text{dB},$ $1.0\text{GHz} \leq f < 3.6\text{GHz}: \pm 1.2\text{dB},$ $3.6\text{GHz} \leq f < 8.0\text{GHz}: \pm 1.6\text{dB},$ $8.0\text{GHz} \leq f: \pm 1.9\text{dB}$	

Table 30 Spurious Emissions (Upper band edge) (20 MHz CH BW)

Config D Spurious emissions:

Carrier Frequency: 2655 MHz			
Frequency Range [MHz]	Emission Frequency [MHz]	Maximum Emission Level [dBm]	Result
QPSK-Modulation ANT1			
0.009 – 26900	2644	-22.70	compliant
QPSK-Modulation ANT2			
0.009 – 26900	2644	-21.78	compliant

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QPSK-Modulation ANT3			
0.009 – 26900	2644	-22.44	compliant
QPSK-Modulation ANT4			
0.009 – 26900	2644	-22.18	compliant
16QAM-Modulation ANT1			
0.009 – 26900	2644	-21.66	compliant
16QAM-Modulation ANT2			
0.009 – 26900	2644	-20.68	compliant
16QAM-Modulation ANT3			
0.009 – 26900	2666	-22.46	compliant
16QAM-Modulation ANT4			
0.009 – 26900	2644	-22.76	compliant
64QAM-Modulation ANT1			
0.009 – 26900	2644	-21.48	compliant
64QAM-Modulation ANT2			
0.009 – 26900	2644	-20.53	compliant
64QAM-Modulation ANT3			
0.009 – 26900	2666	-22.26	compliant
64QAM-Modulation ANT4			
0.009 – 26900	2644	-22.78	compliant
256QAM-Modulation ANT1			
0.009 – 26900	2644	-21.13	compliant
256QAM-Modulation ANT2			
0.009 – 26900	2644	-20.17	compliant
256QAM-Modulation ANT3			
0.009 – 26900	2666	-21.51	compliant
256QAM-Modulation ANT4			
0.009 – 26900	2644	-22.33	compliant
Measurement Uncertainty:		$f < 1.0\text{GHz}: \pm 1.1\text{dB},$ $1.0\text{GHz} \leq f < 3.6\text{GHz}: \pm 1.2\text{dB},$ $3.6\text{GHz} \leq f < 8.0\text{GHz}: \pm 1.6\text{dB},$ $8.0\text{GHz} \leq f: \pm 1.9\text{dB}$	

Table 31 Spurious Emissions (20 MHz CH BW)

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Config E Lower band edge:

Carrier Frequency: 2622.5 / 2627.5 MHz			
Frequency Range [MHz]	Emission Frequency [MHz]	Maximum Emission Level [dBm]	Result
QPSK-Modulation ANT1			
	2620	-23.21	compliant
QPSK-Modulation ANT2			
	2620	-22.80	compliant
QPSK-Modulation ANT3			
	2620	-23.55	compliant
QPSK-Modulation ANT4			
	2620	-22.65	compliant
16QAM-Modulation ANT1			
	2620	-24.54	compliant
16QAM-Modulation ANT2			
	2620	-24.71	compliant
16QAM-Modulation ANT3			
	2620	-26.08	compliant
16QAM-Modulation ANT4			
	2620	-25.14	compliant
64QAM-Modulation ANT1			
	2620	-25.75	compliant
64QAM-Modulation ANT2			
	2620	-25.04	compliant
64QAM-Modulation ANT3			
	2620	-26.21	compliant
64QAM-Modulation ANT4			
	2620	-25.09	compliant
256QAM-Modulation ANT1			
	2620	-25.58	compliant
256QAM-Modulation ANT2			
	2620	-25.17	compliant
256QAM-Modulation ANT3			
	2620	-26.21	compliant
256QAM-Modulation ANT4			
	2620	-25.58	compliant
Measurement Uncertainty:		$f < 1.0\text{GHz}$: $\pm 1.1\text{dB}$, $1.0\text{GHz} \leq f < 3.6\text{GHz}$: $\pm 1.2\text{dB}$, $3.6\text{GHz} \leq f < 8.0\text{GHz}$: $\pm 1.6\text{dB}$,	

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	8.0GHz ≤ f: ±1.9dB
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Table 32 Spurious Emissions (Lower band edge) (5+5 MHz CH BW)

Config E Upper band edge:

Carrier Frequency: 2682.5 / 2687.5 MHz			
Frequency Range [MHz]	Emission Frequency [MHz]	Maximum Emission Level [dBm]	Result
QPSK-Modulation ANT1			
	2690	-24.50	compliant
QPSK-Modulation ANT2			
	2690	-25.67	compliant
QPSK-Modulation ANT3			
	2690	-24.68	compliant
QPSK-Modulation ANT4			
	2690	-24.68	compliant
16QAM-Modulation ANT1			
	2690	-24.74	compliant
16QAM-Modulation ANT2			
	2690	-26.14	compliant
16QAM-Modulation ANT3			
	2690	-24.96	compliant
16QAM-Modulation ANT4			
	2690	-24.64	compliant
64QAM-Modulation ANT1			
	2690	-24.48	compliant
64QAM-Modulation ANT2			
	2690	-25.92	compliant
64QAM-Modulation ANT3			
	2690	-24.49	compliant
64QAM-Modulation ANT4			
	2690	-24.37	compliant
256QAM-Modulation ANT1			
	2690	-24.59	compliant
256QAM-Modulation ANT2			
	2690	-25.77	compliant
256QAM-Modulation ANT3			

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	2690	-24.65	compliant
256QAM-Modulation ANT4			
	2690	-24.66	compliant
Measurement Uncertainty:	$f < 1.0\text{GHz}: \pm 1.1\text{dB},$ $1.0\text{GHz} \leq f < 3.6\text{GHz}: \pm 1.2\text{dB},$ $3.6\text{GHz} \leq f < 8.0\text{GHz}: \pm 1.6\text{dB},$ $8.0\text{GHz} \leq f: \pm 1.9\text{dB}$		

Table 33 Spurious Emissions (Upper band edge) (5+5 MHz CH BW)

Config E Spurious emissions:

Carrier Frequency: 2652.5 / 2657.5 MHz			
Frequency Range [MHz]	Emission Frequency [MHz]	Maximum Emission Level [dBm]	Result
QPSK-Modulation ANT1			
0.009 – 26900	2649	-23.20	compliant
QPSK-Modulation ANT2			
0.009 – 26900	2649	-20.91	compliant
QPSK-Modulation ANT3			
0.009 – 26900	2649	-22.95	compliant
QPSK-Modulation ANT4			
0.009 – 26900	2649	-21.05	compliant
16QAM-Modulation ANT1			
0.009 – 26900	2649	-23.20	compliant
16QAM-Modulation ANT2			
0.009 – 26900	2649	-21.33	compliant
16QAM-Modulation ANT3			
0.009 – 26900	2649	-22.78	compliant
16QAM-Modulation ANT4			
0.009 – 26900	2649	-20.91	compliant
64QAM-Modulation ANT1			
0.009 – 26900	2649	-21.99	compliant
64QAM-Modulation ANT2			
0.009 – 26900	2649	-20.72	compliant
64QAM-Modulation ANT3			
0.009 – 26900	2649	-22.13	compliant
64QAM-Modulation ANT4			
0.009 – 26900	2649	-20.86	compliant
256QAM-Modulation ANT1			

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0.009 – 26900	2649	-23.10	compliant
256QAM-Modulation ANT2			
0.009 – 26900	2649	-20.86	compliant
256QAM-Modulation ANT3			
0.009 – 26900	2661	-22.27	compliant
256QAM-Modulation ANT4			
0.009 – 26900	2649	-19.51	compliant
Measurement Uncertainty:		$f < 1.0\text{GHz}: \pm 1.1\text{dB},$ $1.0\text{GHz} \leq f < 3.6\text{GHz}: \pm 1.2\text{dB},$ $3.6\text{GHz} \leq f < 8.0\text{GHz}: \pm 1.6\text{dB},$ $8.0\text{GHz} \leq f: \pm 1.9\text{dB}$	

Table 34 Spurious Emissions (5+5 MHz CH BW)

Config F Lower band edge:

Carrier Frequency: 2625 / 2635 MHz			
Frequency Range [MHz]	Emission Frequency [MHz]	Maximum Emission Level [dBm]	Result
QPSK-Modulation ANT1			
	2620	-24.17	compliant
QPSK-Modulation ANT2			
	2620	-24.18	compliant
QPSK-Modulation ANT3			
	2620	-24.80	compliant
QPSK-Modulation ANT4			
	2620	-22.95	compliant
16QAM-Modulation ANT1			
	2620	-24.78	compliant
16QAM-Modulation ANT2			
	2620	-24.19	compliant
16QAM-Modulation ANT3			
	2620	-25.83	compliant
16QAM-Modulation ANT4			
	2620	-24.33	compliant
64QAM-Modulation ANT1			
	2620	-25.20	compliant
64QAM-Modulation ANT2			

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	2620	-24.51	compliant
64QAM-Modulation ANT3			
	2620	-25.30	compliant
64QAM-Modulation ANT4			
	2620	-24.80	compliant
256QAM-Modulation ANT1			
	2620	-24.63	compliant
256QAM-Modulation ANT2			
	2620	-24.16	compliant
256QAM-Modulation ANT3			
	2620	-25.10	compliant
256QAM-Modulation ANT4			
	2620	-24.89	compliant
Measurement Uncertainty:		$f < 1.0\text{GHz}: \pm 1.1\text{dB},$ $1.0\text{GHz} \leq f < 3.6\text{GHz}: \pm 1.2\text{dB},$ $3.6\text{GHz} \leq f < 8.0\text{GHz}: \pm 1.6\text{dB},$ $8.0\text{GHz} \leq f: \pm 1.9\text{dB}$	

Table 35 Spurious Emissions (Lower band edge) (10+10 MHz CH BW)

Config F Upper band edge:

Carrier Frequency: 2675 / 2685 MHz			
Frequency Range [MHz]	Emission Frequency [MHz]	Maximum Emission Level [dBm]	Result
QPSK-Modulation ANT1			
	2690	-25.60	compliant
QPSK-Modulation ANT2			
	2690	-24.58	compliant
QPSK-Modulation ANT3			
	2690	-25.38	compliant
QPSK-Modulation ANT4			
	2690	-24.99	compliant
16QAM-Modulation ANT1			
	2690	-25.78	compliant
16QAM-Modulation ANT2			
	2690	-25.63	compliant
16QAM-Modulation ANT3			
	2690	-27.47	compliant
16QAM-Modulation ANT4			

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	2690	-26.68	compliant
64QAM-Modulation ANT1			
	2690	-26.49	compliant
64QAM-Modulation ANT2			
	2690	-25.52	compliant
64QAM-Modulation ANT3			
	2690	-27.18	compliant
64QAM-Modulation ANT4			
	2690	-26.92	compliant
256QAM-Modulation ANT1			
	2690	-25.94	compliant
256QAM-Modulation ANT2			
	2690	-25.71	compliant
256QAM-Modulation ANT3			
	2690	-27.00	compliant
256QAM-Modulation ANT4			
	2690	-26.56	compliant
Measurement Uncertainty:		$f < 1.0\text{GHz}: \pm 1.1\text{dB},$ $1.0\text{GHz} \leq f < 3.6\text{GHz}: \pm 1.2\text{dB},$ $3.6\text{GHz} \leq f < 8.0\text{GHz}: \pm 1.6\text{dB},$ $8.0\text{GHz} \leq f: \pm 1.9\text{dB}$	

Table 36 Spurious Emissions (Upper band edge) (10+10 MHz CH BW)

Config F Spurious emissions:

Carrier Frequency: 2650 / 2660 MHz			
Frequency Range [MHz]	Emission Frequency [MHz]	Maximum Emission Level [dBm]	Result
QPSK-Modulation ANT1			
0.009 – 26900	2643	-21.61	compliant
QPSK-Modulation ANT2			
0.009 – 26900	2644	-21.10	compliant
QPSK-Modulation ANT3			
0.009 – 26900	2644	-23.17	compliant
QPSK-Modulation ANT4			
0.009 – 26900	2644	-21.78	compliant
16QAM-Modulation ANT1			
0.009 – 26900	2644	-22.79	compliant
16QAM-Modulation ANT2			

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0.009 – 26900	2666	-21.59	compliant
16QAM-Modulation ANT3			
0.009 – 26900	2644	-22.88	compliant
16QAM-Modulation ANT4			
0.009 – 26900	2644	-20.50	compliant
64QAM-Modulation ANT1			
0.009 – 26900	2644	-22.33	compliant
64QAM-Modulation ANT2			
0.009 – 26900	2644	-21.44	compliant
64QAM-Modulation ANT3			
0.009 – 26900	2644	-22.74	compliant
64QAM-Modulation ANT4			
0.009 – 26900	2644	-21.21	compliant
256QAM-Modulation ANT1			
0.009 – 26900	2644	-22.04	compliant
256QAM-Modulation ANT2			
0.009 – 26900	2644	-21.21	compliant
256QAM-Modulation ANT3			
0.009 – 26900	2644	-22.52	compliant
256QAM-Modulation ANT4			
0.009 – 26900	2644	-20.82	compliant
Measurement Uncertainty:		$f < 1.0\text{GHz}: \pm 1.1\text{dB},$ $1.0\text{GHz} \leq f < 3.6\text{GHz}: \pm 1.2\text{dB},$ $3.6\text{GHz} \leq f < 8.0\text{GHz}: \pm 1.6\text{dB},$ $8.0\text{GHz} \leq f: \pm 1.9\text{dB}$	

Table 37 Spurious Emissions (10+10 MHz CH BW)

Config G Lower band edge:

Carrier Frequency: 2627.5 / 2642.5 MHz			
Frequency Range [MHz]	Emission Frequency [MHz]	Maximum Emission Level [dBm]	Result
QPSK-Modulation ANT1			
	2620	-22.70	compliant
QPSK-Modulation ANT2			
	2620	-23.05	compliant
QPSK-Modulation ANT3			
	2620	-22.94	compliant
QPSK-Modulation ANT4			

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	2620	-21.85	compliant
16QAM-Modulation ANT1			
	2620	-21.84	compliant
16QAM-Modulation ANT2			
	2620	-22.83	compliant
16QAM-Modulation ANT3			
	2620	-23.12	compliant
16QAM-Modulation ANT4			
	2620	-21.52	compliant
64QAM-Modulation ANT1			
	2620	-23.28	compliant
64QAM-Modulation ANT2			
	2620	-21.22	compliant
64QAM-Modulation ANT3			
	2620	-23.24	compliant
64QAM-Modulation ANT4			
	2620	-22.06	compliant
256QAM-Modulation ANT1			
	2620	-23.09	compliant
256QAM-Modulation ANT2			
	2620	-21.44	compliant
256QAM-Modulation ANT3			
	2620	-22.03	compliant
256QAM-Modulation ANT4			
	2620	-21.75	compliant
Measurement Uncertainty:		$f < 1.0\text{GHz}: \pm 1.1\text{dB},$ $1.0\text{GHz} \leq f < 3.6\text{GHz}: \pm 1.2\text{dB},$ $3.6\text{GHz} \leq f < 8.0\text{GHz}: \pm 1.6\text{dB},$ $8.0\text{GHz} \leq f: \pm 1.9\text{dB}$	

Table 38 Spurious Emissions (Lower band edge) (15+15MHz CH BW)

Config G Upper band edge:

Carrier Frequency: 2627.5 / 2642.5 MHz			
Frequency Range [MHz]	Emission Frequency [MHz]	Maximum Emission Level [dBm]	Result
QPSK-Modulation ANT1			

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	2690	-22.82	compliant
QPSK-Modulation ANT2			
	2690	-22.52	compliant
QPSK-Modulation ANT3			
	2690	-24.29	compliant
QPSK-Modulation ANT4			
	2690	-20.60	compliant
16QAM-Modulation ANT1			
	2690	-21.46	compliant
16QAM-Modulation ANT2			
	2690	-22.56	compliant
16QAM-Modulation ANT3			
	2690	-23.10	compliant
16QAM-Modulation ANT4			
	2690	-21.83	compliant
64QAM-Modulation ANT1			
	2690	-22.51	compliant
64QAM-Modulation ANT2			
	2690	-22.25	compliant
64QAM-Modulation ANT3			
	2690	-23.23	compliant
64QAM-Modulation ANT4			
	2690	-22.69	compliant
256QAM-Modulation ANT1			
	2690	-22.47	compliant
256QAM-Modulation ANT2			
	2690	-22.64	compliant
256QAM-Modulation ANT3			
	2690	-22.86	compliant
256QAM-Modulation ANT4			
	2690	-22.43	compliant
Measurement Uncertainty:		$f < 1.0\text{GHz}: \pm 1.1\text{dB},$ $1.0\text{GHz} \leq f < 3.6\text{GHz}: \pm 1.2\text{dB},$ $3.6\text{GHz} \leq f < 8.0\text{GHz}: \pm 1.6\text{dB},$ $8.0\text{GHz} \leq f: \pm 1.9\text{dB}$	

Table 39 Spurious Emissions (Upper band edge) (15+15MHz CH BW)

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Config G Spurious emissions:

Carrier Frequency: 2647.5 / 2662.5 MHz			
Frequency Range [MHz]	Emission Frequency [MHz]	Maximum Emission Level [dBm]	Result
QPSK-Modulation ANT1			
0.009 – 26900	2671	-24.21	compliant
QPSK-Modulation ANT2			
0.009 – 26900	21625	-24.27	compliant
QPSK-Modulation ANT3			
0.009 – 26900	2671	-24.21	compliant
QPSK-Modulation ANT4			
0.009 – 26900	21624	-24.24	compliant
16QAM-Modulation ANT1			
0.009 – 26900	2671	-24.15	compliant
16QAM-Modulation ANT2			
0.009 – 26900	2671	-24.08	compliant
16QAM-Modulation ANT3			
0.009 – 26900	2671	-24.54	compliant
16QAM-Modulation ANT4			
0.009 – 26900	2671	-24.43	compliant
64QAM-Modulation ANT1			
0.009 – 26900	2671	-24.07	compliant
64QAM-Modulation ANT2			
0.009 – 26900	2671	-24.22	compliant
64QAM-Modulation ANT3			
0.009 – 26900	2671	-24.45	compliant
64QAM-Modulation ANT4			
0.009 – 26900	2671	-24.24	compliant
256QAM-Modulation ANT1			
0.009 – 26900	2671	-24.03	compliant
256QAM-Modulation ANT2			
0.009 – 26900	2671	-24.05	compliant
256QAM-Modulation ANT3			
0.009 – 26900	2671	-23.54	compliant
256QAM-Modulation ANT4			
0.009 – 26900	2671	-24.17	compliant
Measurement Uncertainty:		f < 1.0GHz: ±1.1dB,	

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