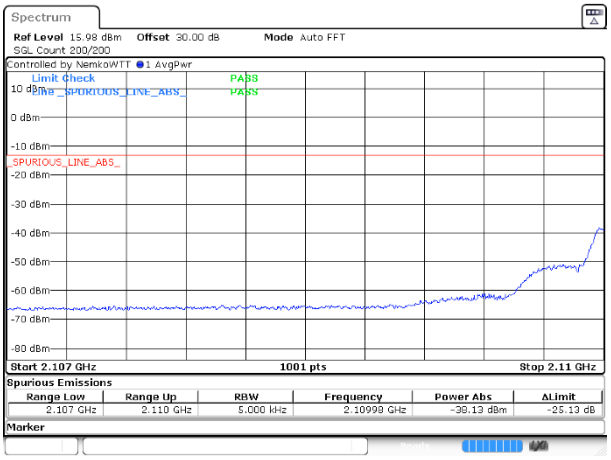
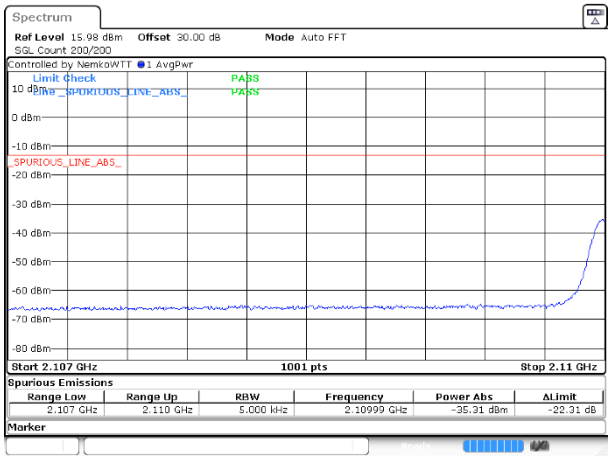
8.5.5.3 Operating frequency band: Band 66: 2110-2200 MHz

Table 8.5-5: *Spurious emissions at RF connector test data, narrowband*

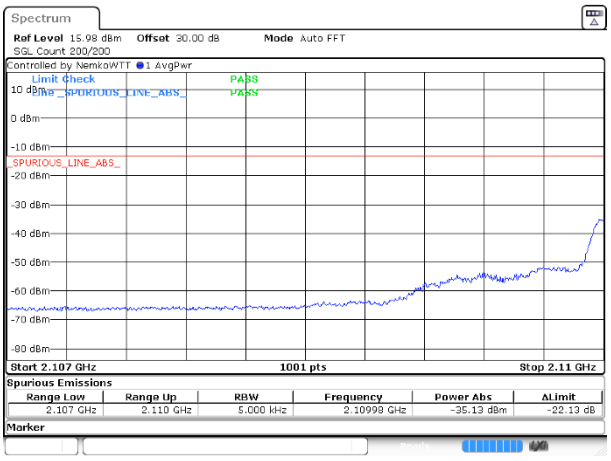
Condition	Frequency of highest emission (MHz)	Level (dBm)	Limit (dBm)
Input Level = **AGC Threshold - 0.5 dB** Input signal = **narrowband** Number of signals: **2** Low band edge	2109.977	-38.13	-13.00
Input Level = **AGC Threshold - 0.5 dB** Input signal = **narrowband** Number of signals: **1** Low band edge	2109.989	-35.31	-13.00
Input Level = **AGC Threshold +3 dB** Input signal = **narrowband** Number of signals: **2** Low band edge	2109.977	-35.13	-13.00
Input Level = **AGC Threshold + 3 dB** Input signal = **narrowband** Number of signals: **1** Low band edge	2109.995	-31.92	-13.00
Input Level = **AGC Threshold - 0.5 dB** Input signal = **narrowband** Number of signals: **2** High band edge	2200.019	-38.95	-13.00
Input Level = **AGC Threshold - 0.5 dB** Input signal = **narrowband** Number of signals: **1** High band edge	2200.010	-36.03	-13.00
Input Level = **AGC Threshold +3 dB** Input signal = **narrowband** Number of signals: **2** High band edge	2200.016	-35.36	-13.00
Input Level = **AGC Threshold + 3 dB** Input signal = **narrowband** Number of signals: **1** High band edge	2200.013	-32.81	-13.00



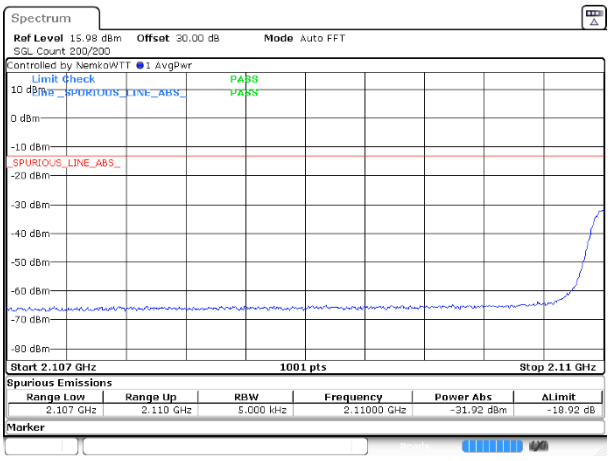
Low band edge, 2 signals, level = AGC Threshold - 0.5



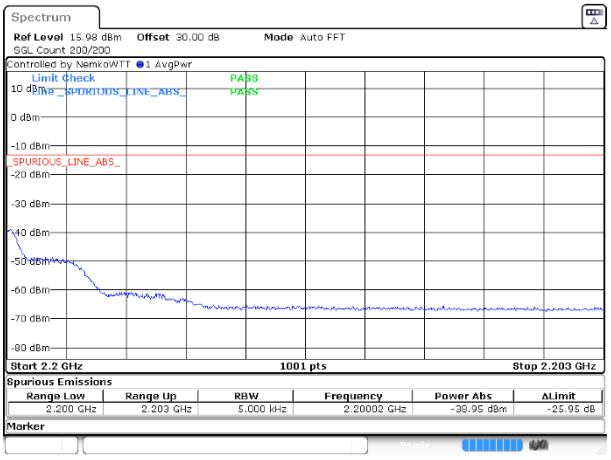
Low band edge, 1 signal, level = AGC Threshold - 0.5



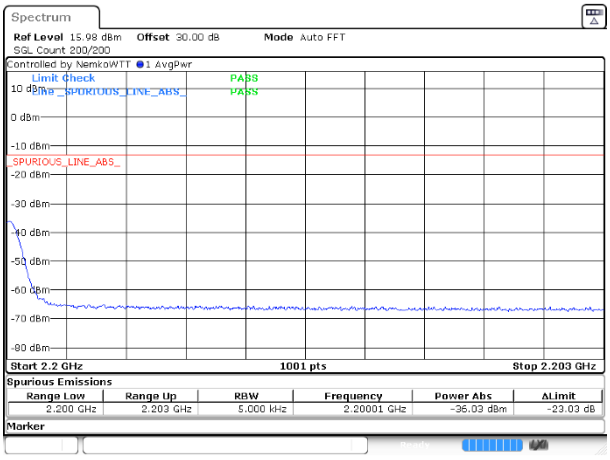
Low band edge, 2 signals, level = AGC Threshold + 3



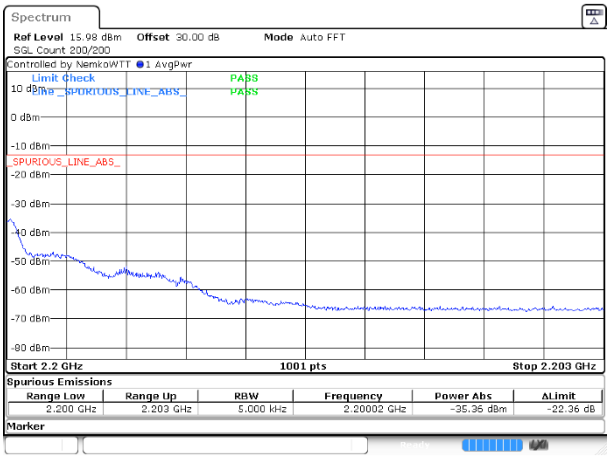
Low band edge, 1 signal, level = AGC Threshold + 3



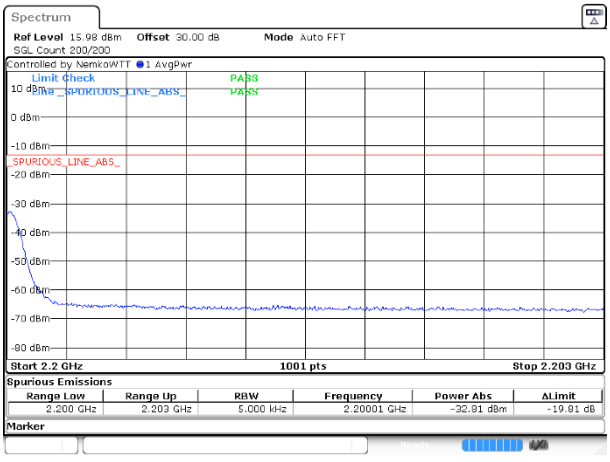
High band edge, 2 signals, level = AGC Threshold - 0.5



High band edge, 1 signal, level = AGC Threshold - 0.5



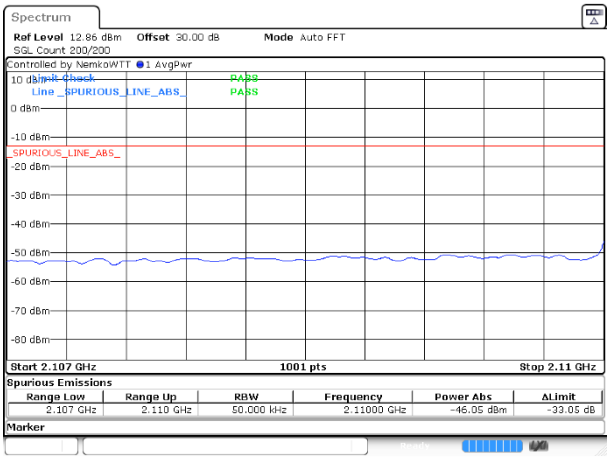
High band edge, 2 signals, level = AGC Threshold + 3



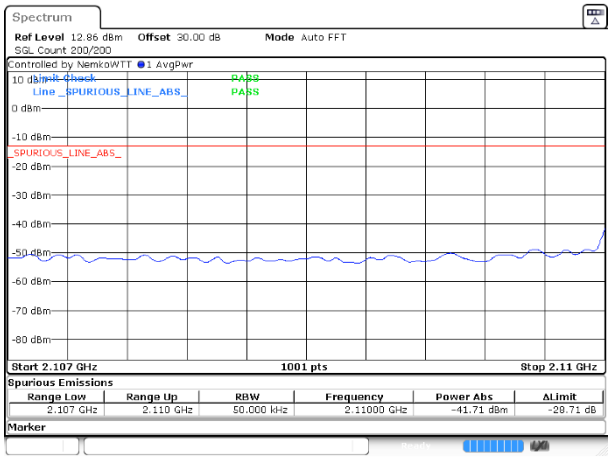
Low band edge, 1 signal, level = AGC Threshold + 3

Table 8.5-6: *Spurious emissions at RF connector test data, broadband*

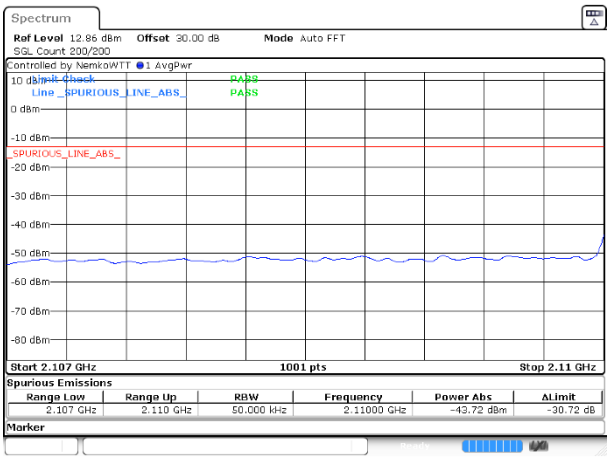
Condition	Frequency of highest emission (MHz)	Level (dBm)	Limit (dBm)
Input Level = **AGC Threshold - 0.5 dB** Input signal = **broadband** Number of signals: **2** Low band edge	2109.998	-46.05	-13.00
Input Level = **AGC Threshold - 0.5 dB** Input signal = **broadband** Number of signals: **1** Low band edge	2109.998	-41.71	-13.00
Input Level = **AGC Threshold +3 dB** Input signal = **broadband** Number of signals: **2** Low band edge	2109.998	-43.72	-13.00
Input Level = **AGC Threshold + 3 dB** Input signal = **broadband** Number of signals: **1** Low band edge	2109.998	-41.01	-13.00
Input Level = **AGC Threshold - 0.5 dB** Input signal = **broadband** Number of signals: **2** High band edge	2200.001	-45.09	-13.00
Input Level = **AGC Threshold - 0.5 dB** Input signal = **broadband** Number of signals: **1** High band edge	2200.001	-42.74	-13.00
Input Level = **AGC Threshold +3 dB** Input signal = **broadband** Number of signals: **2** High band edge	2200.001	-43.90	-13.00
Input Level = **AGC Threshold + 3 dB** Input signal = **broadband** Number of signals: **1** High band edge	2200.001	-41.22	-13.00



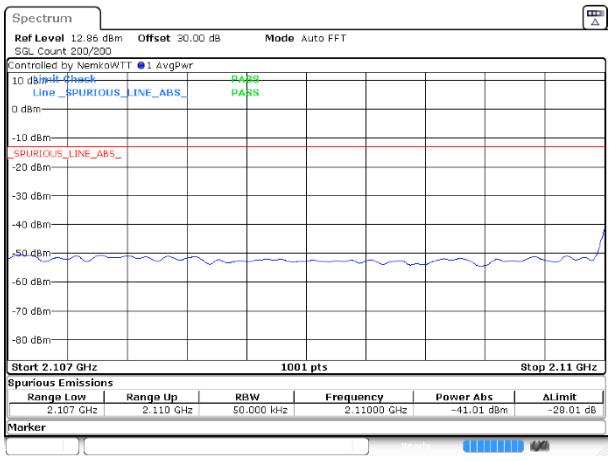
Low band edge, 2 signals, level = AGC Threshold - 0.5



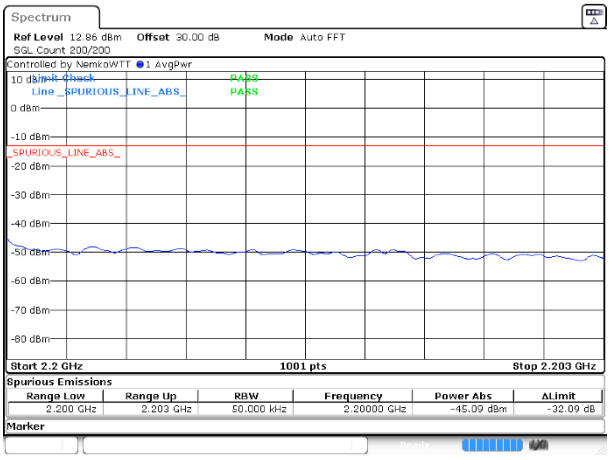
Low band edge, 1 signal, level = AGC Threshold - 0.5



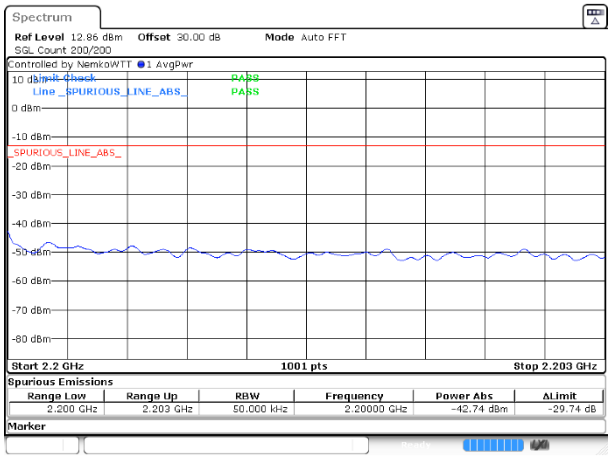
Low band edge, 2 signals, level = AGC Threshold + 3



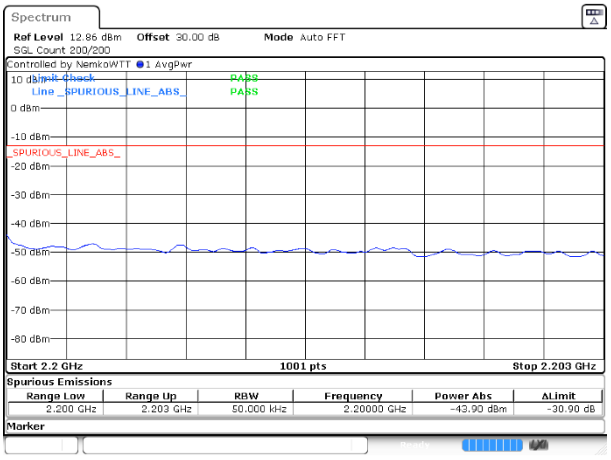
Low band edge, 1 signal, level = AGC Threshold + 3



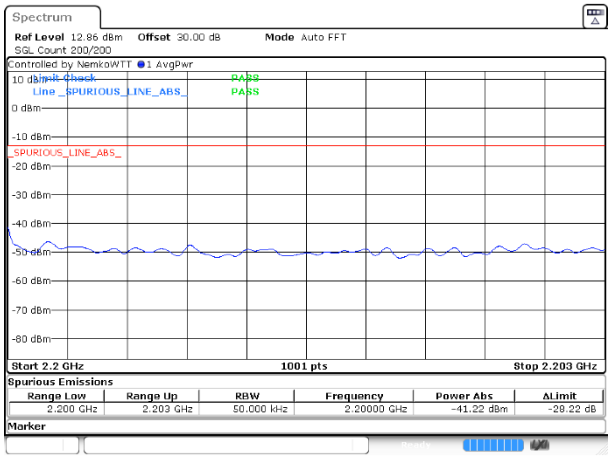
High band edge, 2 signals, level = AGC Threshold - 0.5



High band edge, 1 signal, level = AGC Threshold - 0.5



High band edge, 2 signals, level = AGC Threshold + 3

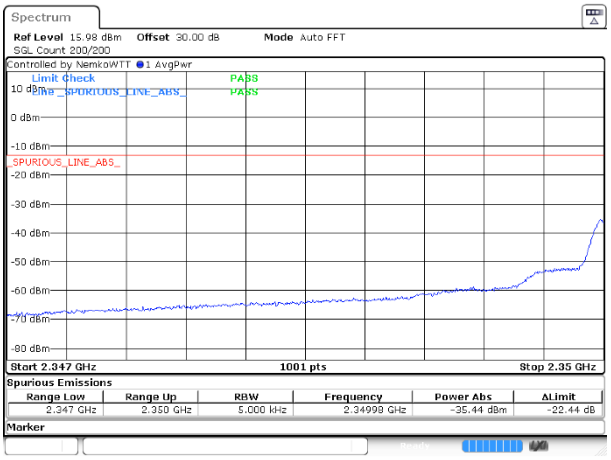


Low band edge, 1 signal, level = AGC Threshold + 3

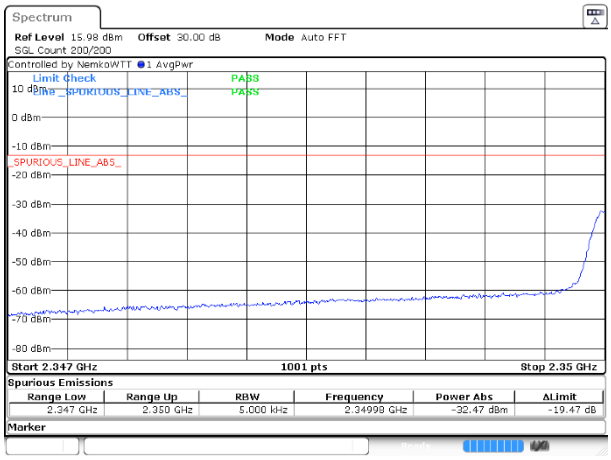
8.5.5.4 Operating frequency band: Band 30: 2350-2360 MHz

Table 8.5-7: *Spurious emissions at RF connector test data, narrowband*

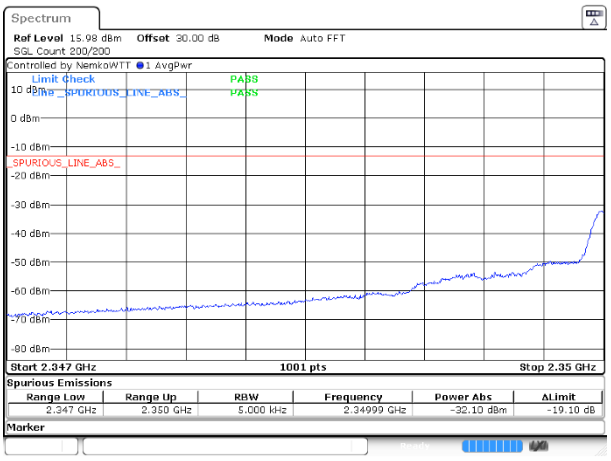
Condition	Frequency of highest emission (MHz)	Level (dBm)	Limit (dBm)
Input Level = **AGC Threshold - 0.5 dB** Input signal = **narrowband** Number of signals: **2** Low band edge	2349.984	-35.44	-13.00
Input Level = **AGC Threshold - 0.5 dB** Input signal = **narrowband** Number of signals: **1** Low band edge	2349.984	-32.47	-13.00
Input Level = **AGC Threshold +3 dB** Input signal = **narrowband** Number of signals: **2** Low band edge	2349.989	-32.10	-13.00
Input Level = **AGC Threshold + 3 dB** Input signal = **narrowband** Number of signals: **1** Low band edge	2349.984	-29.27	-13.00
Input Level = **AGC Threshold - 0.5 dB** Input signal = **narrowband** Number of signals: **2** High band edge	2360.016	-35.58	-13.00
Input Level = **AGC Threshold - 0.5 dB** Input signal = **narrowband** Number of signals: **1** High band edge	2360.013	-32.59	-13.00
Input Level = **AGC Threshold +3 dB** Input signal = **narrowband** Number of signals: **2** High band edge	2360.016	-32.18	-13.00
Input Level = **AGC Threshold + 3 dB** Input signal = **narrowband** Number of signals: **1** High band edge	2360.013	-29.35	-13.00



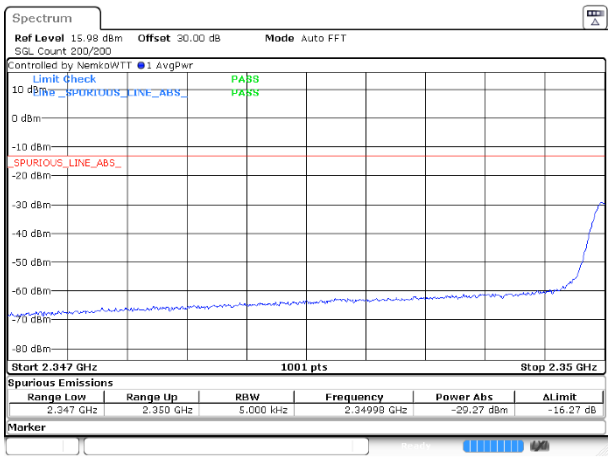
Low band edge, 2 signals, level = AGC Threshold - 0.5



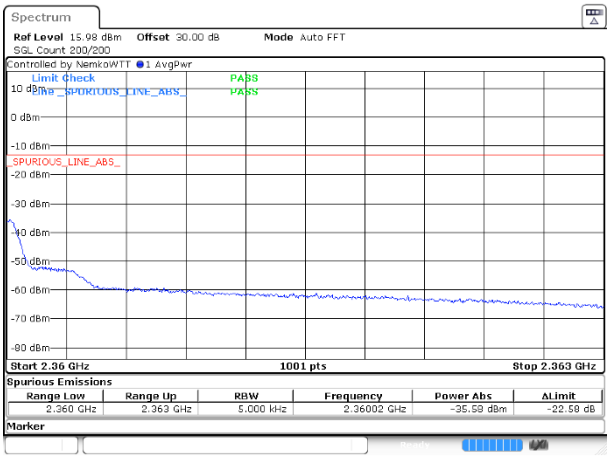
Low band edge, 1 signal, level = AGC Threshold - 0.5



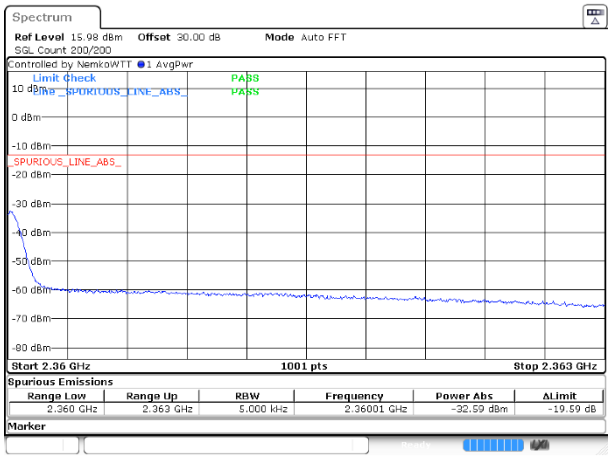
Low band edge, 2 signals, level = AGC Threshold + 3



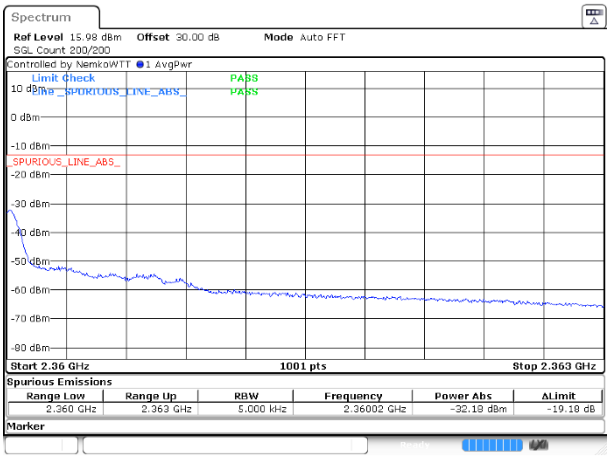
Low band edge, 1 signal, level = AGC Threshold + 3



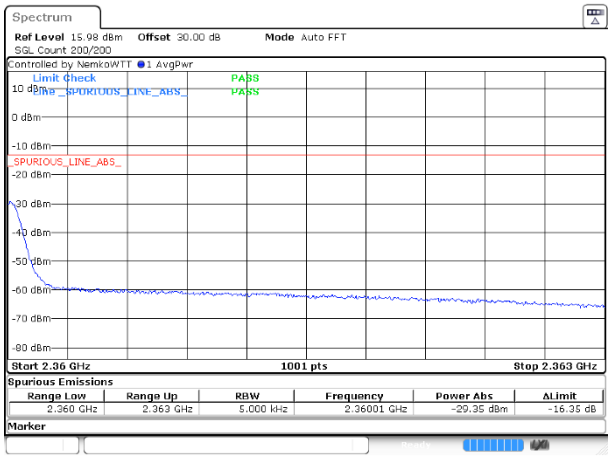
High band edge, 2 signals, level = AGC Threshold - 0.5



High band edge, 1 signal, level = AGC Threshold - 0.5



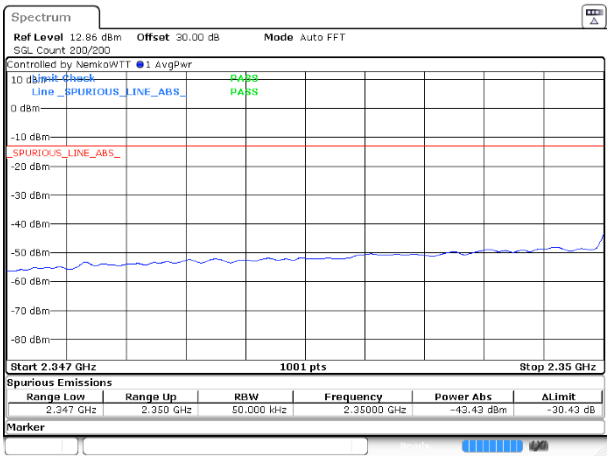
High band edge, 2 signals, level = AGC Threshold + 3



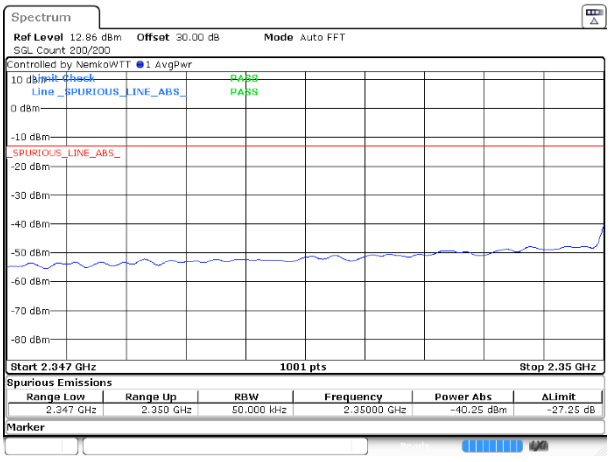
Low band edge, 1 signal, level = AGC Threshold + 3

Table 8.5-8: *Spurious emissions at RF connector test data, broadband*

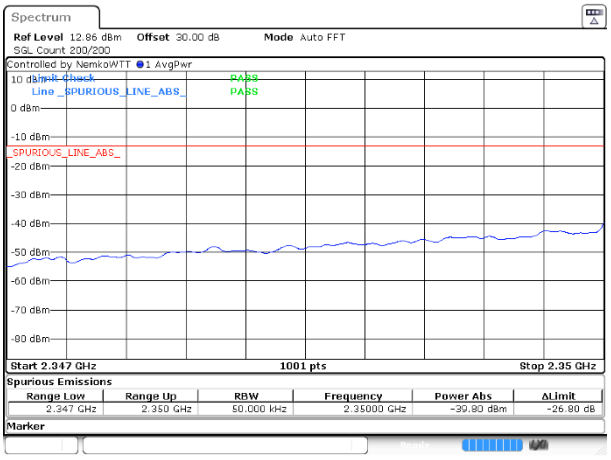
Condition	Frequency of highest emission (MHz)	Level (dBm)	Limit (dBm)
Input Level = **AGC Threshold - 0.5 dB** Input signal = **broadband** Number of signals: **2** Low band edge	2349.998	-43.43	-13.00
Input Level = **AGC Threshold - 0.5 dB** Input signal = **broadband** Number of signals: **1** Low band edge	2349.998	-40.25	-13.00
Input Level = **AGC Threshold +3 dB** Input signal = **broadband** Number of signals: **2** Low band edge	2349.998	-39.80	-13.00
Input Level = **AGC Threshold + 3 dB** Input signal = **broadband** Number of signals: **1** Low band edge	2349.998	-38.01	-13.00
Input Level = **AGC Threshold - 0.5 dB** Input signal = **broadband** Number of signals: **2** High band edge	2360.001	-44.30	-13.00
Input Level = **AGC Threshold - 0.5 dB** Input signal = **broadband** Number of signals: **1** High band edge	2360.001	-41.37	-13.00
Input Level = **AGC Threshold +3 dB** Input signal = **broadband** Number of signals: **2** High band edge	2360.001	-41.51	-13.00
Input Level = **AGC Threshold + 3 dB** Input signal = **broadband** Number of signals: **1** High band edge	2360.001	-38.98	-13.00



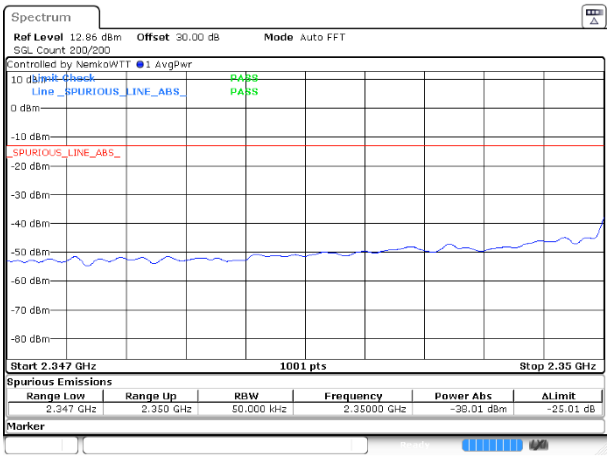
Low band edge, 2 signals, level = AGC Threshold - 0.5



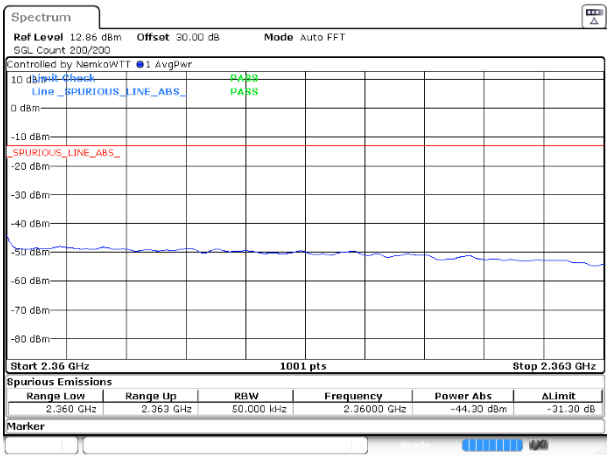
Low band edge, 1 signal, level = AGC Threshold - 0.5



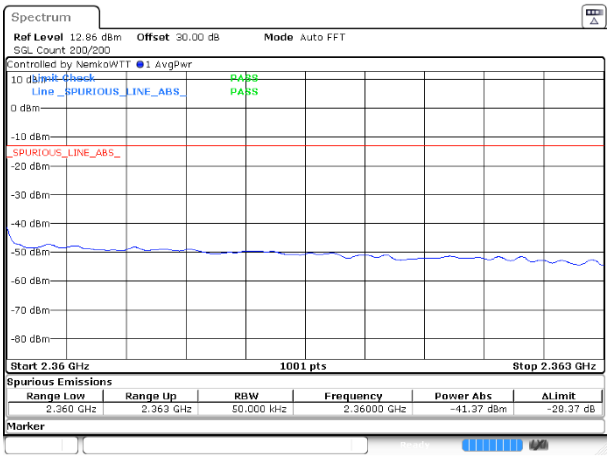
Low band edge, 2 signals, level = AGC Threshold + 3



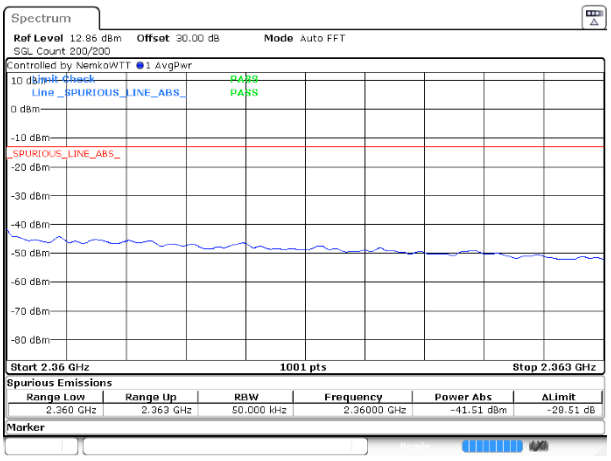
Low band edge, 1 signal, level = AGC Threshold + 3



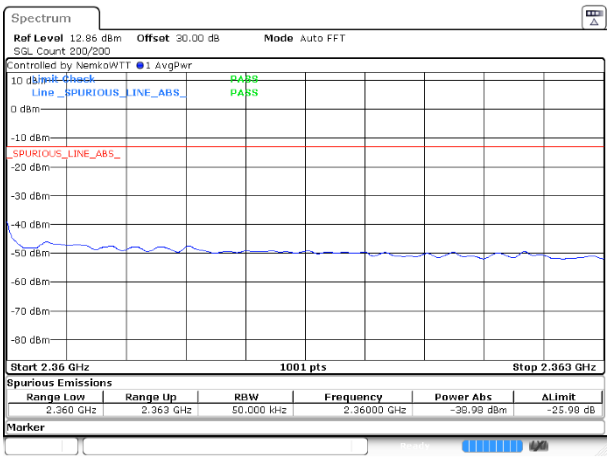
High band edge, 2 signals, level = AGC Threshold - 0.5



High band edge, 1 signal, level = AGC Threshold - 0.5



High band edge, 2 signals, level = AGC Threshold + 3

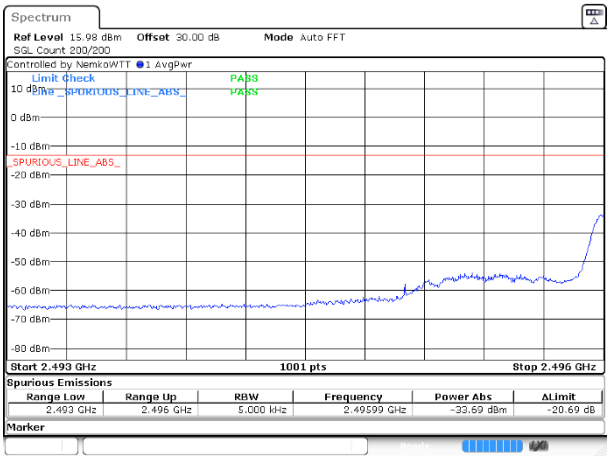


Low band edge, 1 signal, level = AGC Threshold + 3

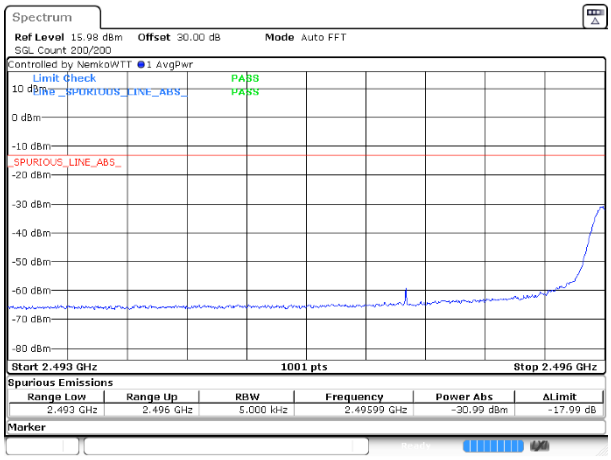
8.5.5.5 Operating frequency band: Band 41: 2496-2690 MHz

Table 8.5-9: *Spurious emissions at RF connector test data, narrowband*

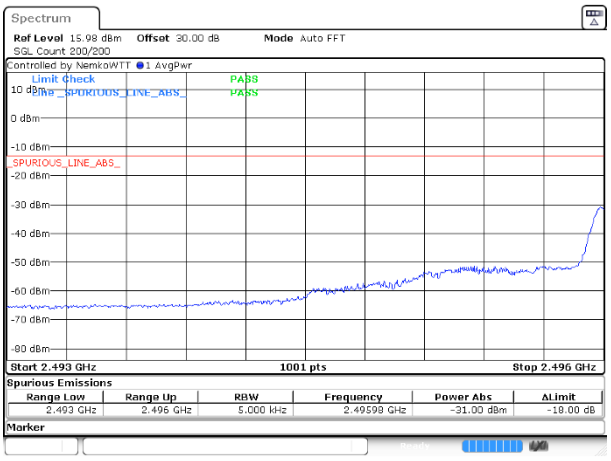
Condition	Frequency of highest emission (MHz)	Level (dBm)	Limit (dBm)
Input Level = **AGC Threshold - 0.5 dB** Input signal = **narrowband** Number of signals: **2** Low band edge	2495.987	-33.69	-13.00
Input Level = **AGC Threshold - 0.5 dB** Input signal = **narrowband** Number of signals: **1** Low band edge	2495.989	-30.99	-13.00
Input Level = **AGC Threshold +3 dB** Input signal = **narrowband** Number of signals: **2** Low band edge	2495.984	-31.00	-13.00
Input Level = **AGC Threshold + 3 dB** Input signal = **narrowband** Number of signals: **1** Low band edge	2495.978	-28.10	-13.00
Input Level = **AGC Threshold - 0.5 dB** Input signal = **narrowband** Number of signals: **2** High band edge	2690.013	-34.69	-13.00
Input Level = **AGC Threshold - 0.5 dB** Input signal = **narrowband** Number of signals: **1** High band edge	2690.010	-31.43	-13.00
Input Level = **AGC Threshold +3 dB** Input signal = **narrowband** Number of signals: **2** High band edge	2690.004	-30.89	-13.00
Input Level = **AGC Threshold + 3 dB** Input signal = **narrowband** Number of signals: **1** High band edge	2690.016	-28.23	-13.00



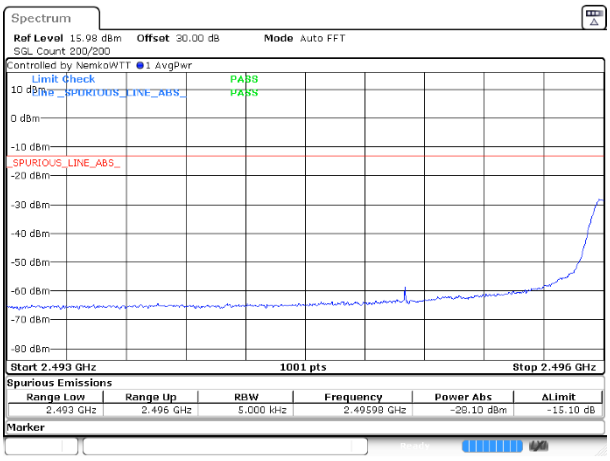
Low band edge, 2 signals, level = AGC Threshold - 0.5



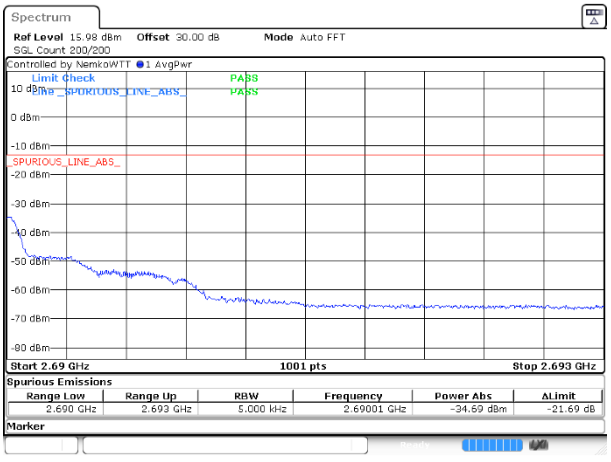
Low band edge, 1 signal, level = AGC Threshold - 0.5



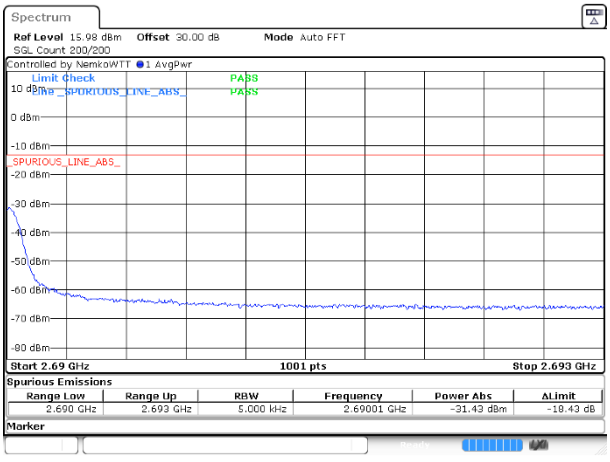
Low band edge, 2 signals, level = AGC Threshold + 3



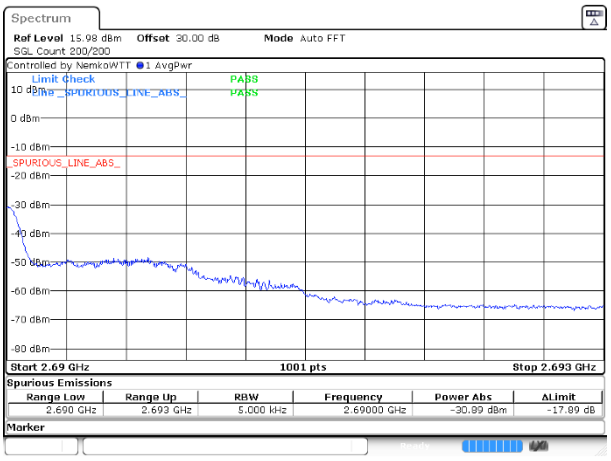
Low band edge, 1 signal, level = AGC Threshold + 3



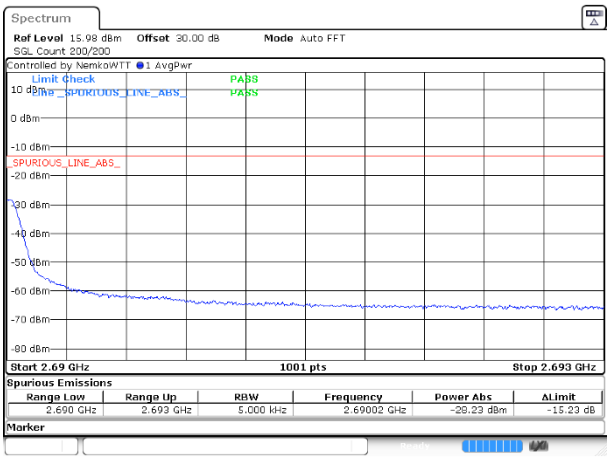
High band edge, 2 signals, level = AGC Threshold - 0.5



High band edge, 1 signal, level = AGC Threshold - 0.5



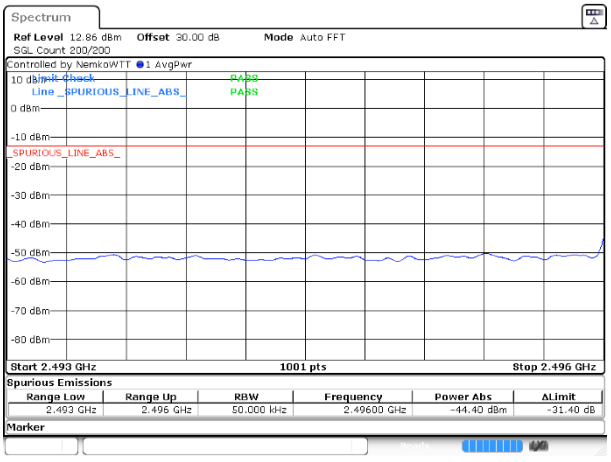
High band edge, 2 signals, level = AGC Threshold + 3



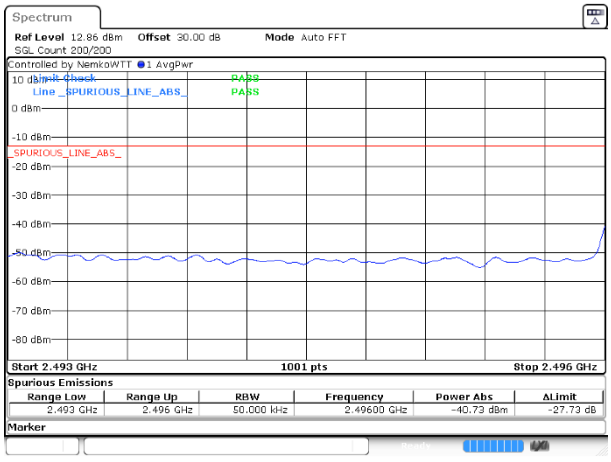
Low band edge, 1 signal, level = AGC Threshold + 3

Table 8.5-10: *Spurious emissions at RF connector test data, broadband*

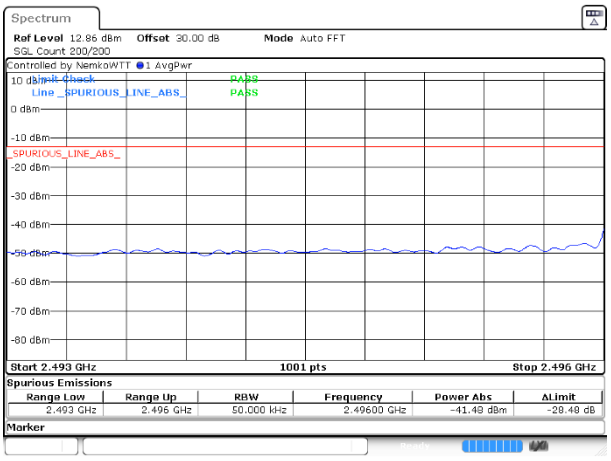
Condition	Frequency of highest emission (MHz)	Level (dBm)	Limit (dBm)
Input Level = **AGC Threshold - 0.5 dB** Input signal = **broadband** Number of signals: **2** Low band edge	2495.998	-44.40	-13.00
Input Level = **AGC Threshold - 0.5 dB** Input signal = **broadband** Number of signals: **1** Low band edge	2495.998	-40.73	-13.00
Input Level = **AGC Threshold +3 dB** Input signal = **broadband** Number of signals: **2** Low band edge	2495.998	-41.48	-13.00
Input Level = **AGC Threshold + 3 dB** Input signal = **broadband** Number of signals: **1** Low band edge	2495.998	-40.11	-13.00
Input Level = **AGC Threshold - 0.5 dB** Input signal = **broadband** Number of signals: **2** High band edge	2690.001	-44.90	-13.00
Input Level = **AGC Threshold - 0.5 dB** Input signal = **broadband** Number of signals: **1** High band edge	2690.001	-40.33	-13.00
Input Level = **AGC Threshold +3 dB** Input signal = **broadband** Number of signals: **2** High band edge	2690.001	-42.27	-13.00
Input Level = **AGC Threshold + 3 dB** Input signal = **broadband** Number of signals: **1** High band edge	2690.001	-38.74	-13.00



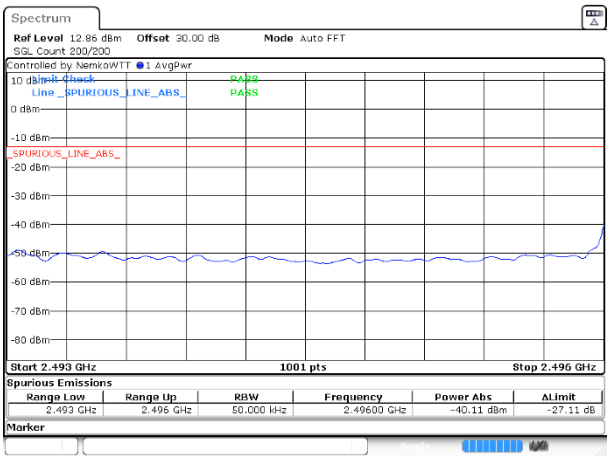
Low band edge, 2 signals, level = AGC Threshold - 0.5



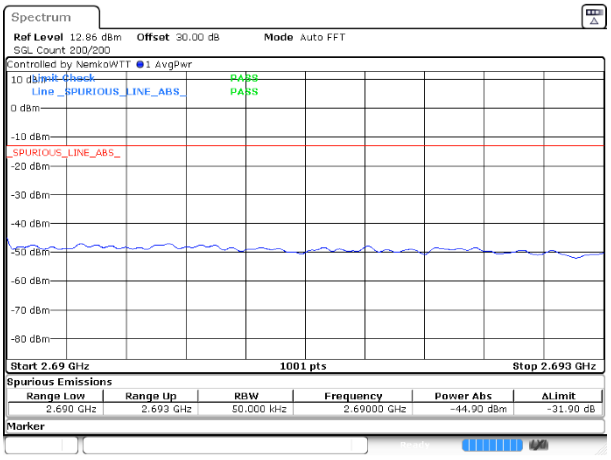
Low band edge, 1 signal, level = AGC Threshold - 0.5



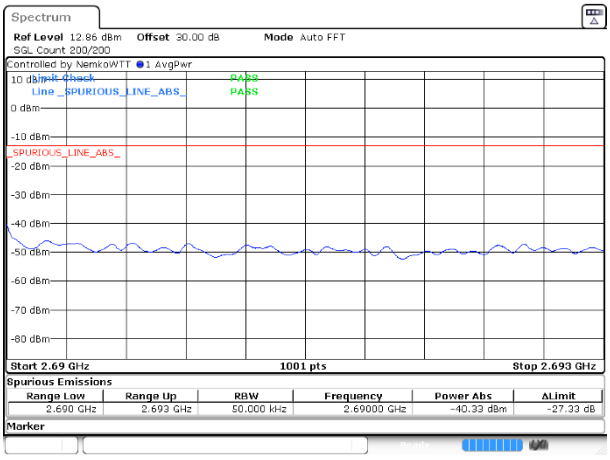
Low band edge, 2 signals, level = AGC Threshold + 3



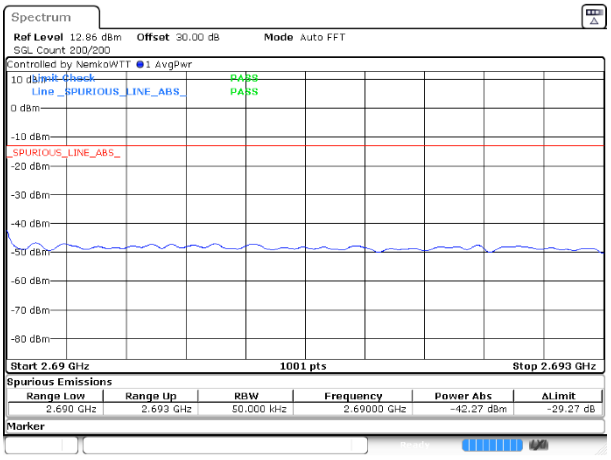
Low band edge, 1 signal, level = AGC Threshold + 3



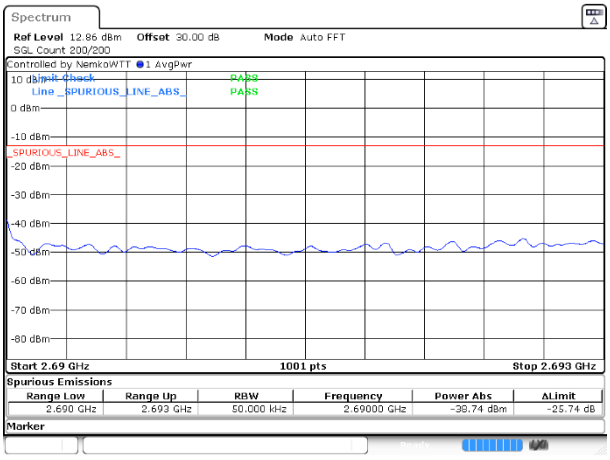
High band edge, 2 signals, level = AGC Threshold - 0.5



High band edge, 1 signal, level = AGC Threshold - 0.5



High band edge, 2 signals, level = AGC Threshold + 3

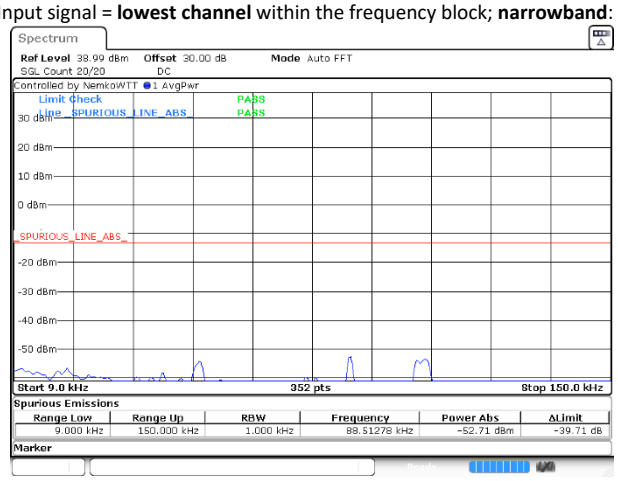


Low band edge, 1 signal, level = AGC Threshold + 3

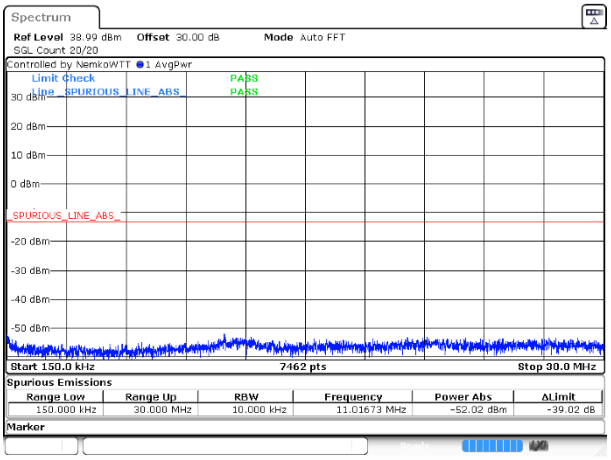
8.5.6 Test data - conducted spurious emissions:

8.5.6.1 Operating frequency band: Band 25: 1930 – 1995 MHz

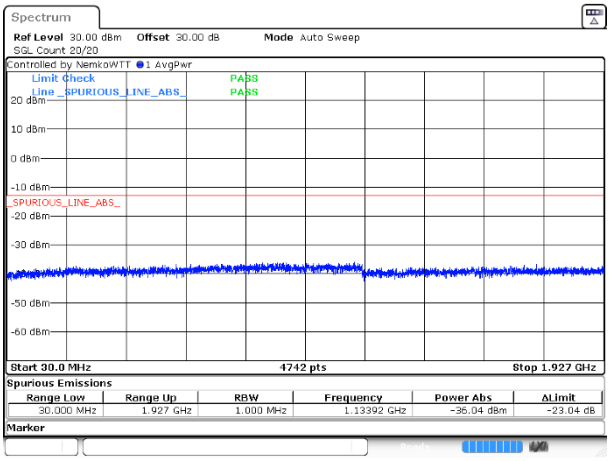
Input signal = **lowest channel** within the frequency block; **narrowband**:



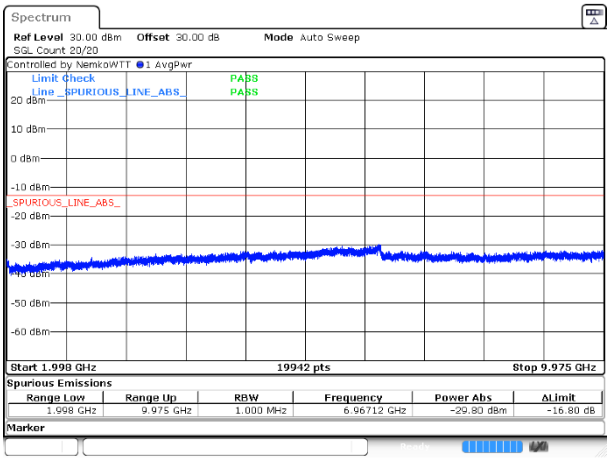
Conducted Spurious Emissions, Low channel, low frequency ran
ge, NB



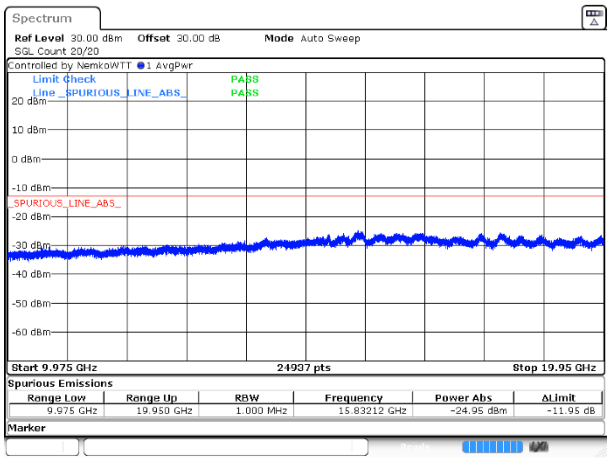
Conducted Spurious Emissions, Low channel, low frequency ran
ge, NB



Conducted Spurious Emissions, Low channel, low frequency ran
ge, NB

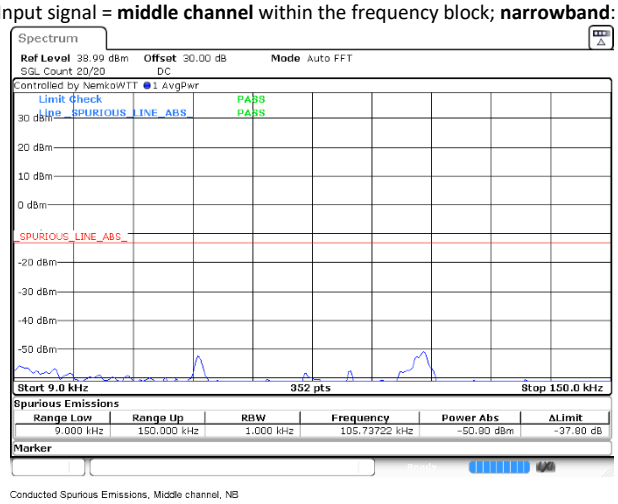


Conducted Spurious Emissions, Low channel, low frequency ran
ge, NB

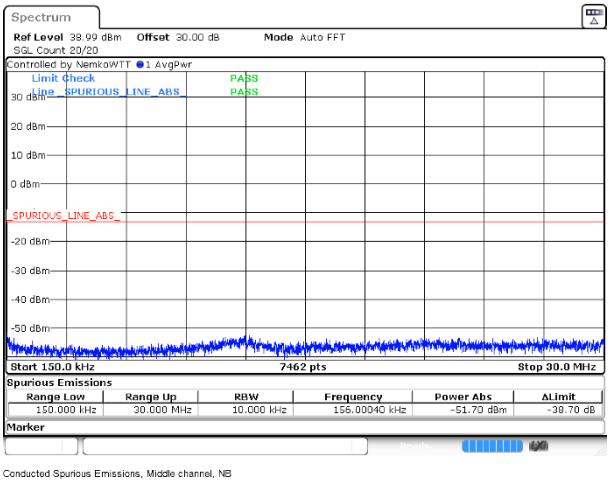


Conducted Spurious Emissions, Low channel, low frequency ran
ge, NB

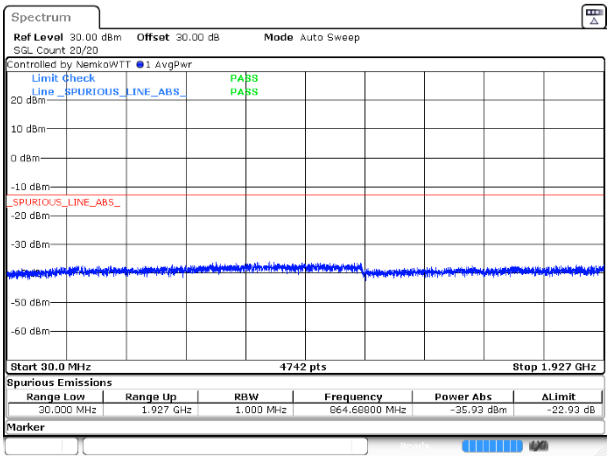
Input signal = **middle channel** within the frequency block; **narrowband**:



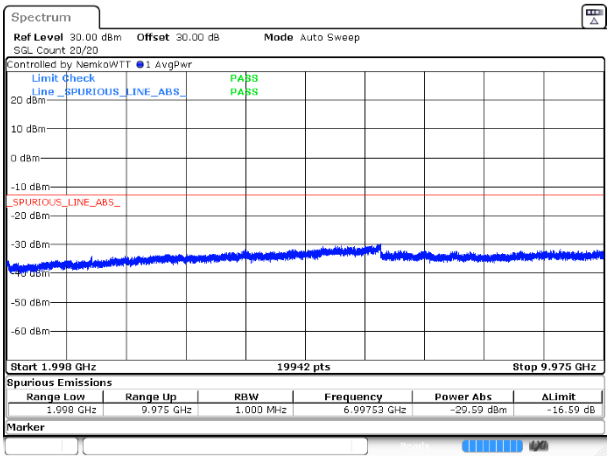
Conducted Spurious Emissions, Middle channel, NB



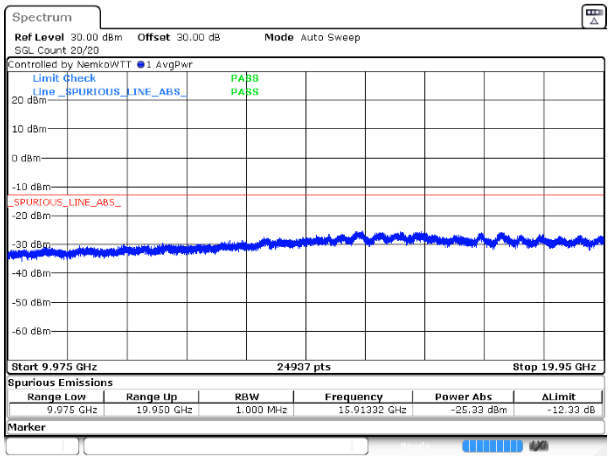
Conducted Spurious Emissions, Middle channel, NB



Conducted Spurious Emissions, Middle channel, NB

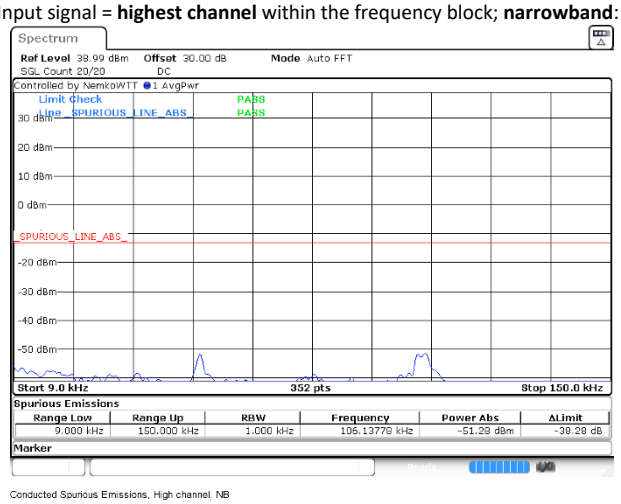


Conducted Spurious Emissions, Middle channel, NB

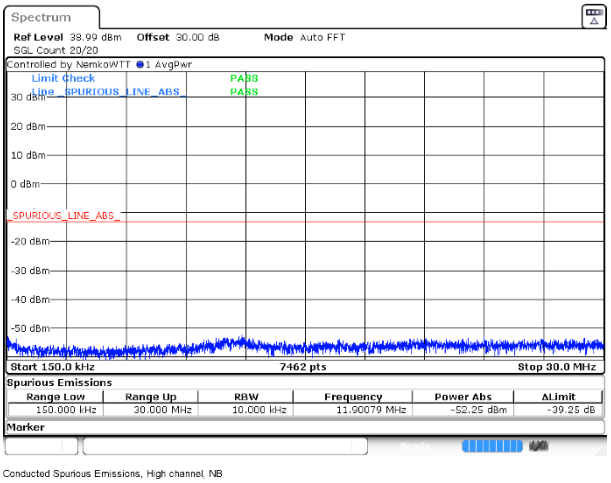


Conducted Spurious Emissions, Middle channel, NB

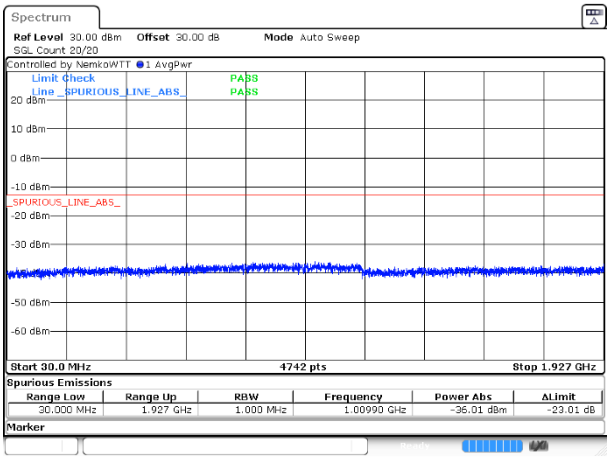
Input signal = **highest channel** within the frequency block; **narrowband**:



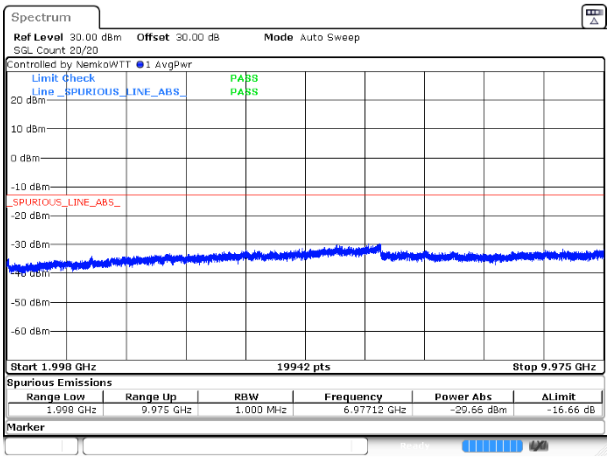
Conducted Spurious Emissions, High channel, NB



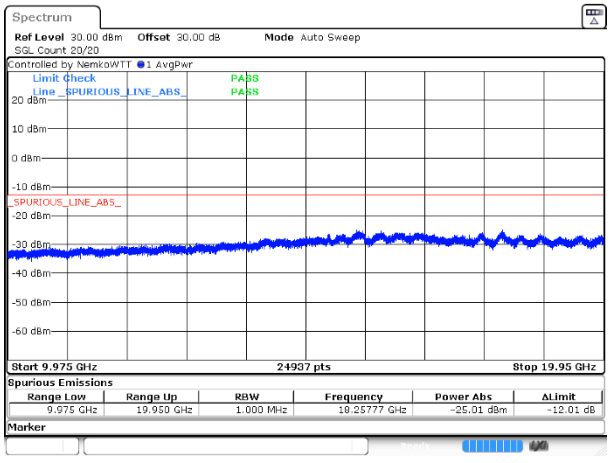
Conducted Spurious Emissions, High channel, NB



Conducted Spurious Emissions, High channel, NB

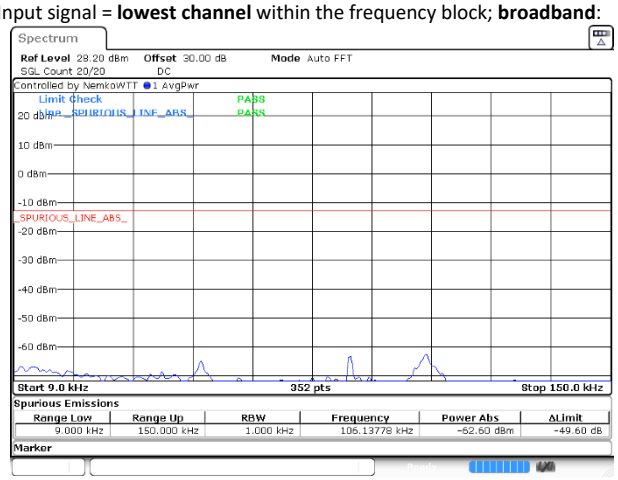


Conducted Spurious Emissions, High channel, NB

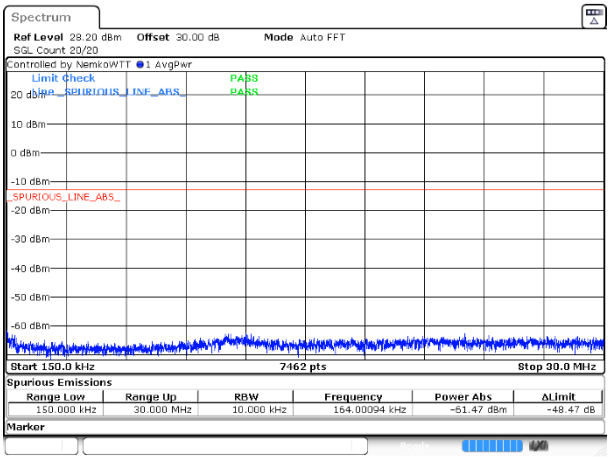


Conducted Spurious Emissions, High channel, NB

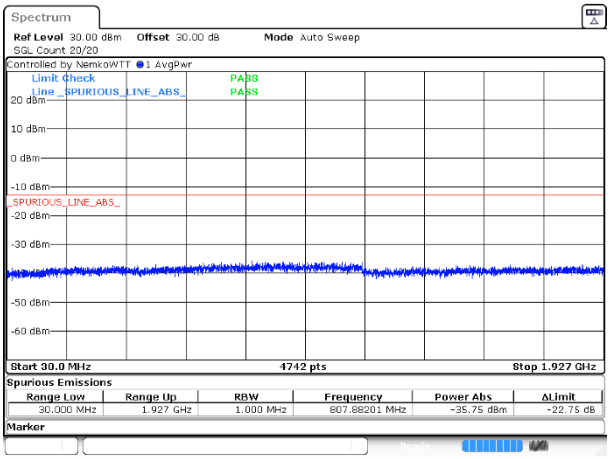
Input signal = **lowest channel** within the frequency block; **broadband**:



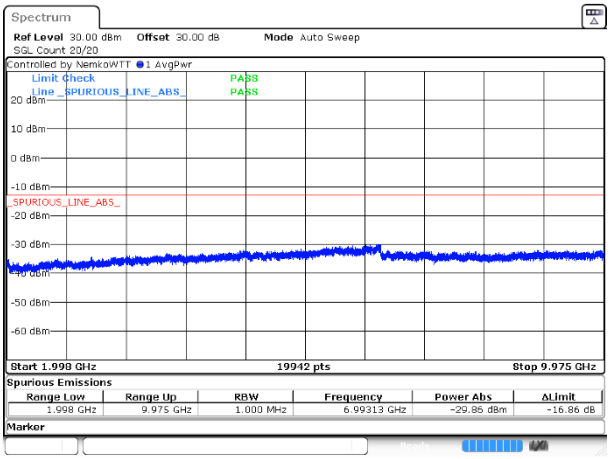
Conducted Spurious Emissions, Low channel, low frequency ran
ge, BB



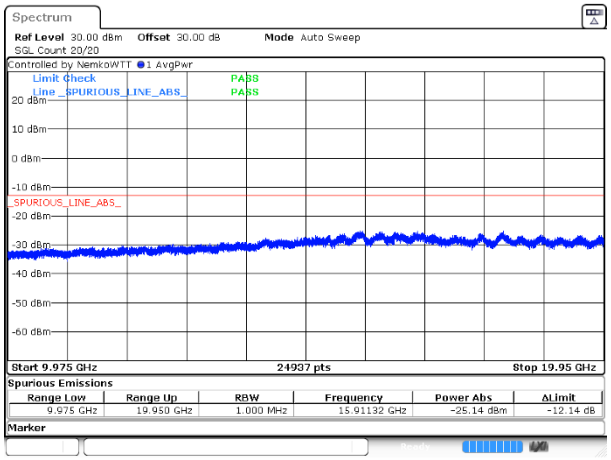
Conducted Spurious Emissions, Low channel, low frequency ran
ge, BB



Conducted Spurious Emissions, Low channel, low frequency ran
ge, BB

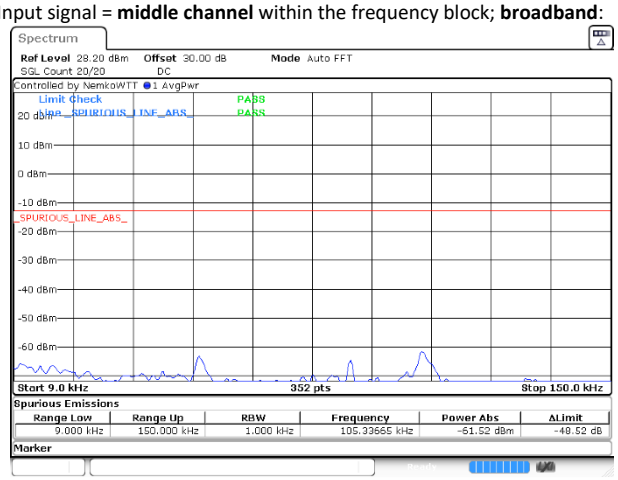


Conducted Spurious Emissions, Low channel, low frequency ran
ge, BB

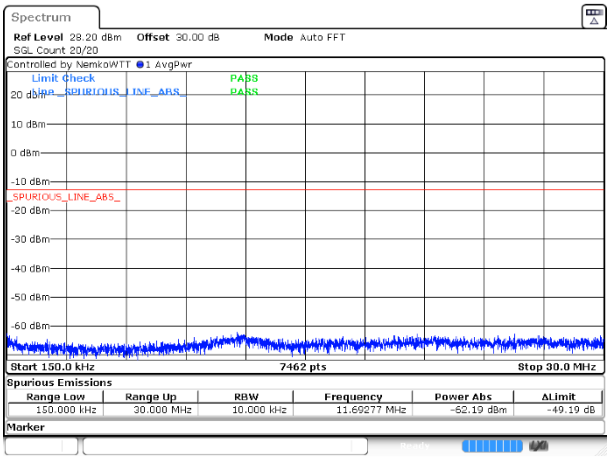


Conducted Spurious Emissions, Low channel, low frequency ran
ge, BB

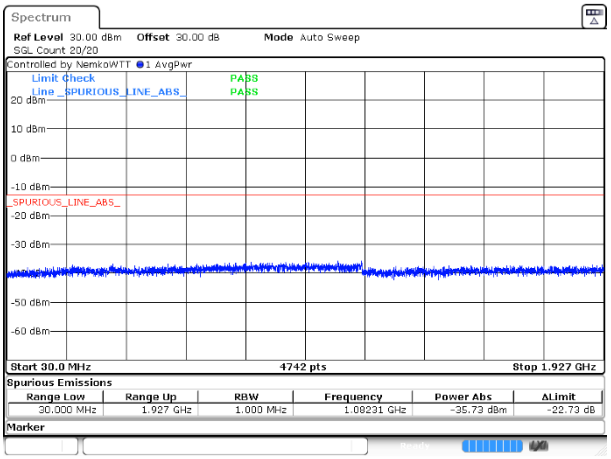
Input signal = **middle channel** within the frequency block; **broadband**:



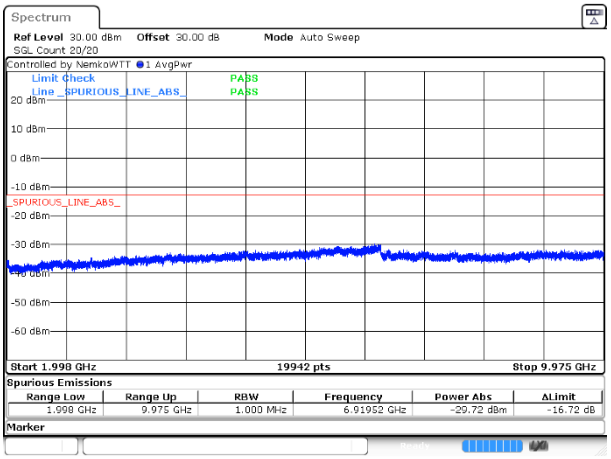
Conducted Spurious Emissions, Middle channel, BB



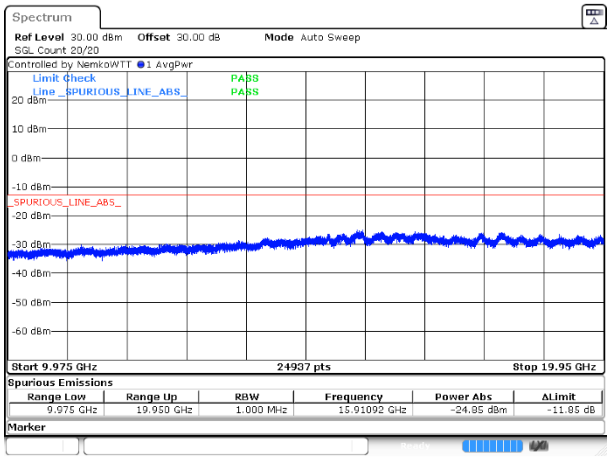
Conducted Spurious Emissions, Middle channel, BB



Conducted Spurious Emissions, Middle channel, BB

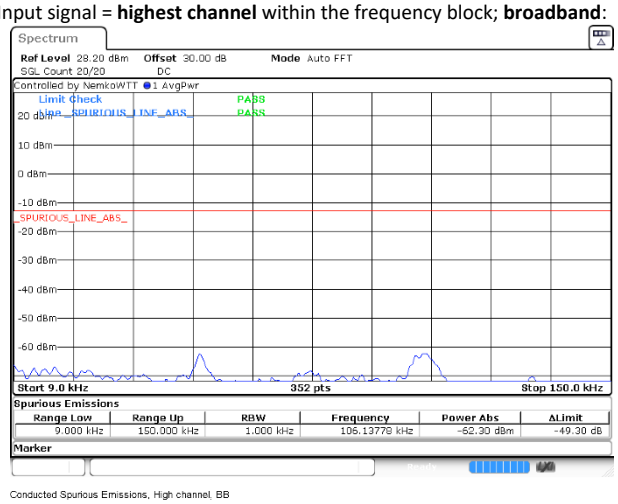


Conducted Spurious Emissions, Middle channel, BB

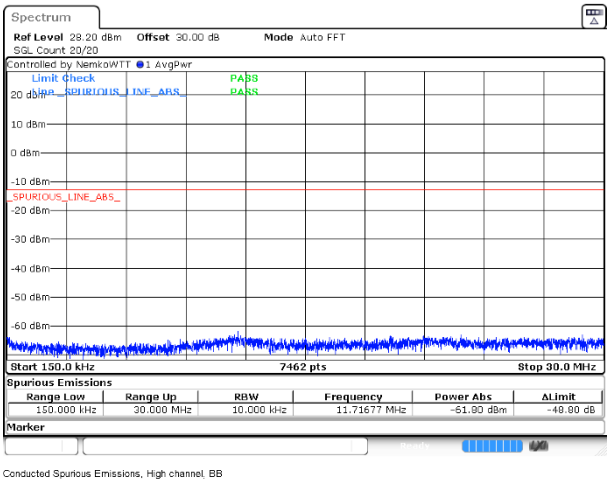


Conducted Spurious Emissions, Middle channel, BB

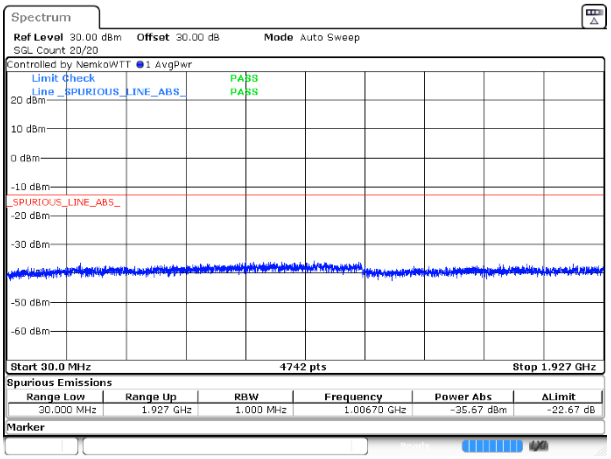
Input signal = **highest channel** within the frequency block; **broadband**:



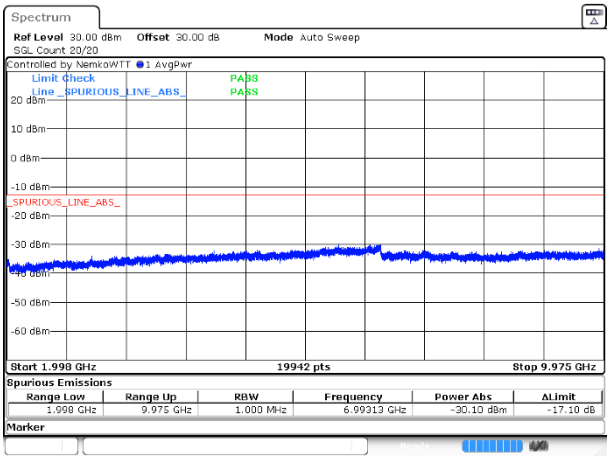
Conducted Spurious Emissions, High channel, BB



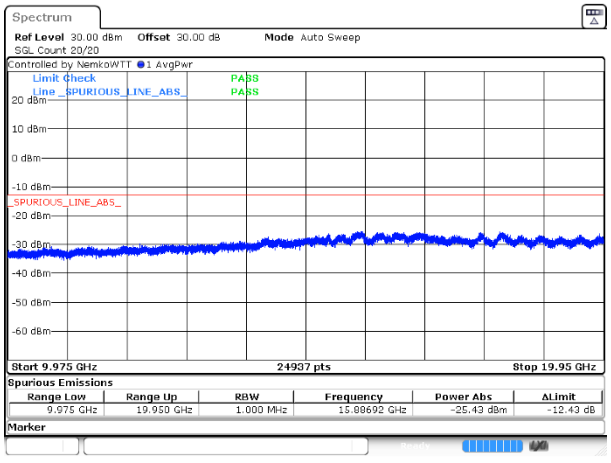
Conducted Spurious Emissions, High channel, BB



Conducted Spurious Emissions, High channel, BB



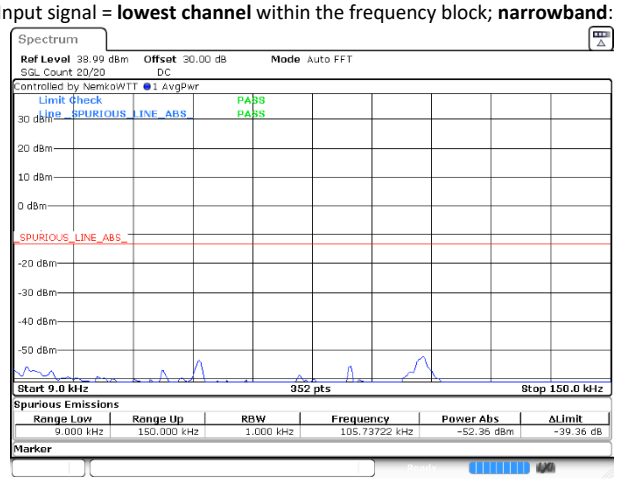
Conducted Spurious Emissions, High channel, BB



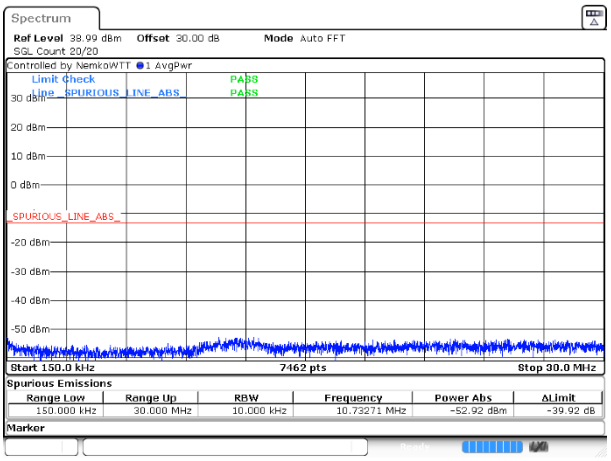
Conducted Spurious Emissions, High channel, BB

8.5.6.2 Operating frequency band: Band 70: 1995 – 2020 MHz

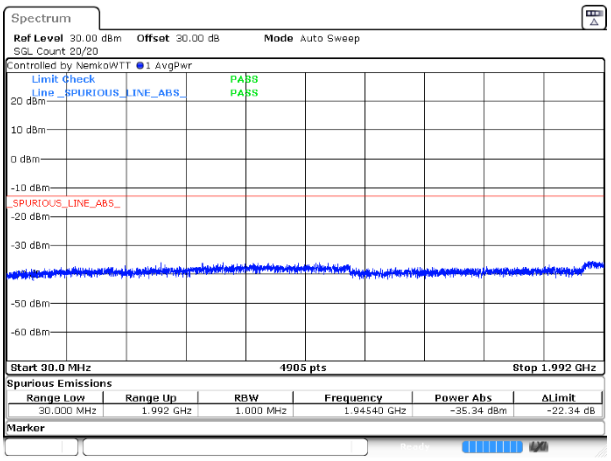
Input signal = **lowest channel** within the frequency block; **narrowband**:



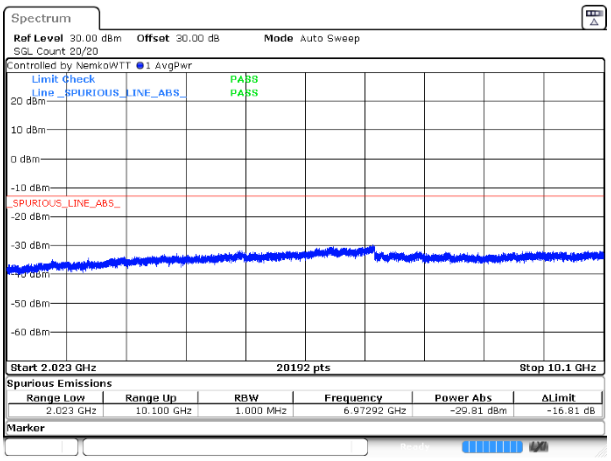
Conducted Spurious Emissions, Low channel, low frequency ran
ge, NB



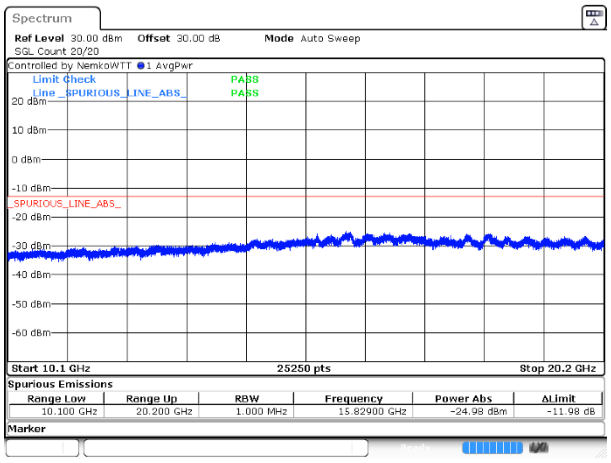
Conducted Spurious Emissions, Low channel, low frequency ran
ge, NB



Conducted Spurious Emissions, Low channel, low frequency ran
ge, NB

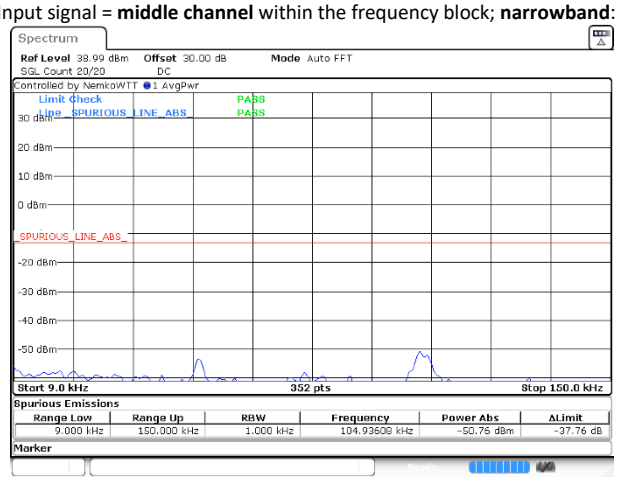


Conducted Spurious Emissions, Low channel, low frequency ran
ge, NB

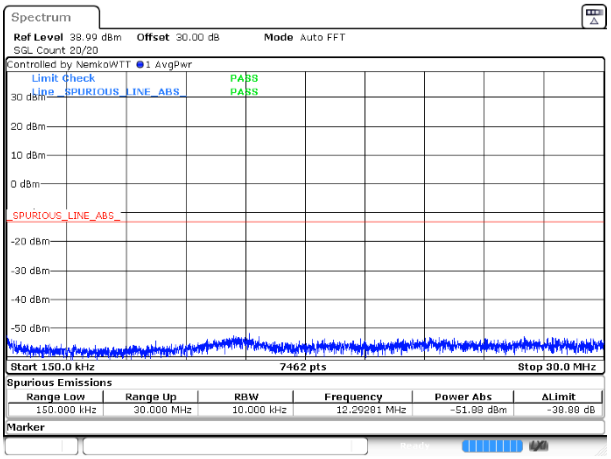


Conducted Spurious Emissions, Low channel, low frequency ran
ge, NB

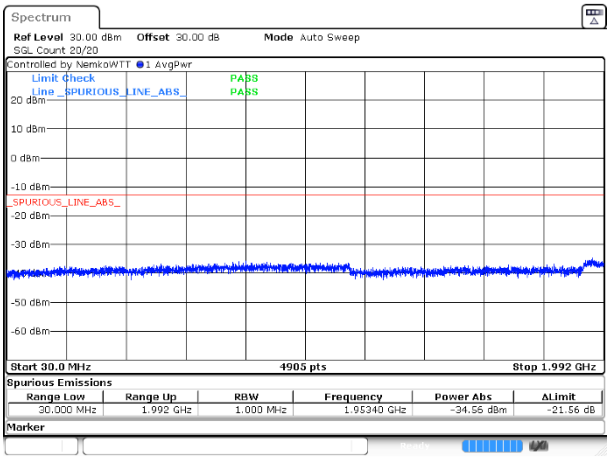
Input signal = **middle channel** within the frequency block; **narrowband**:



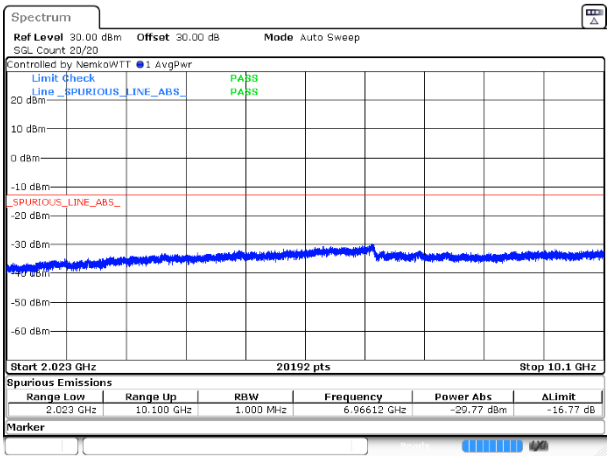
Conducted Spurious Emissions, Middle channel, NB



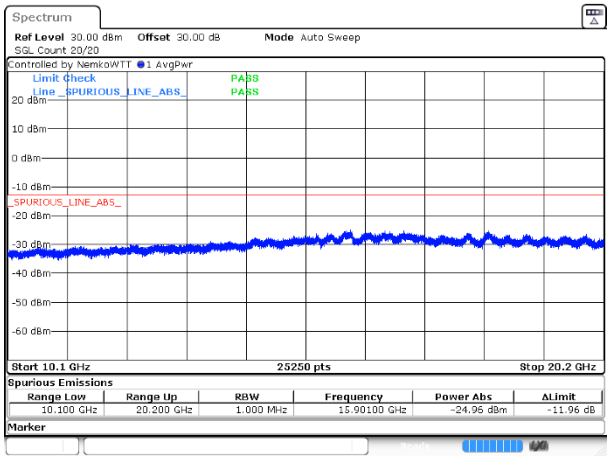
Conducted Spurious Emissions, Middle channel, NB



Conducted Spurious Emissions, Middle channel, NB

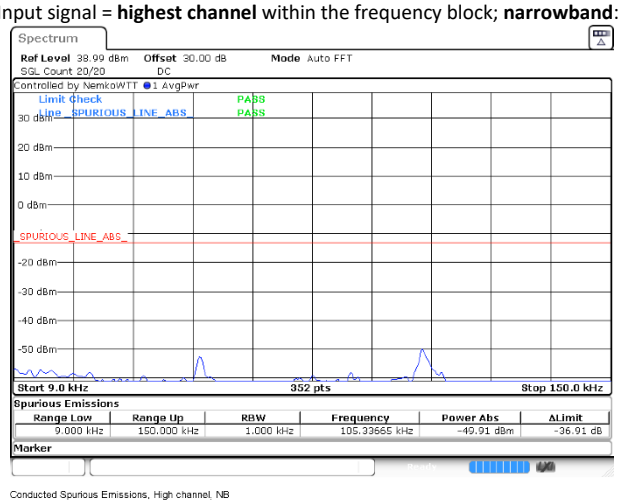


Conducted Spurious Emissions, Middle channel, NB

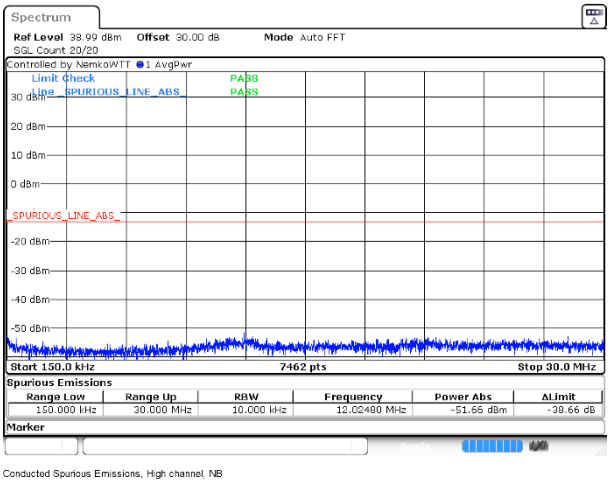


Conducted Spurious Emissions, Middle channel, NB

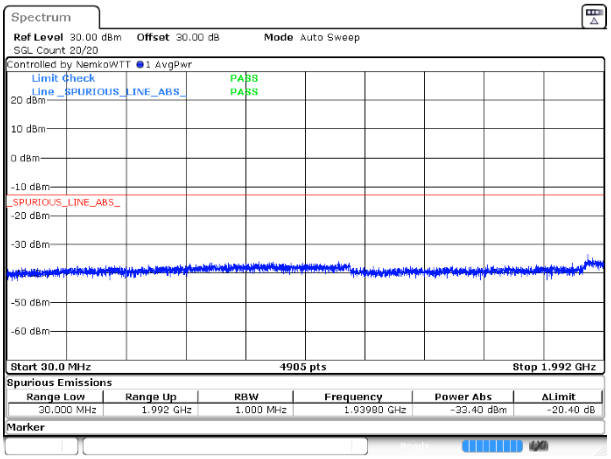
Input signal = **highest channel** within the frequency block; **narrowband**:



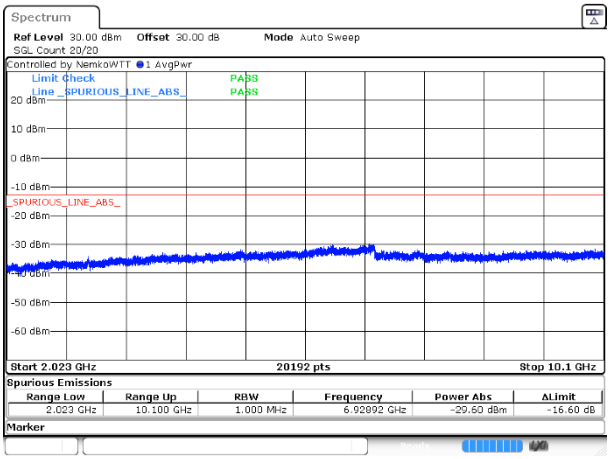
Conducted Spurious Emissions, High channel, NB



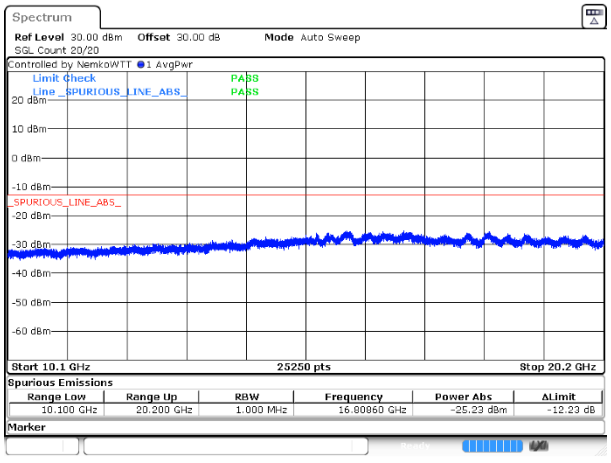
Conducted Spurious Emissions, High channel, NB



Conducted Spurious Emissions, High channel, NB

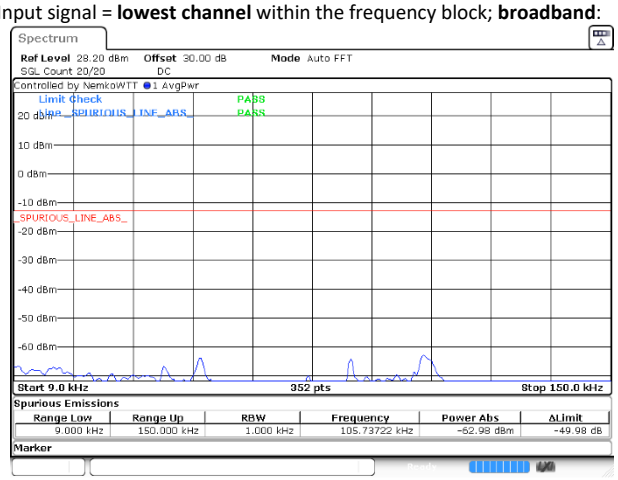


Conducted Spurious Emissions, High channel, NB

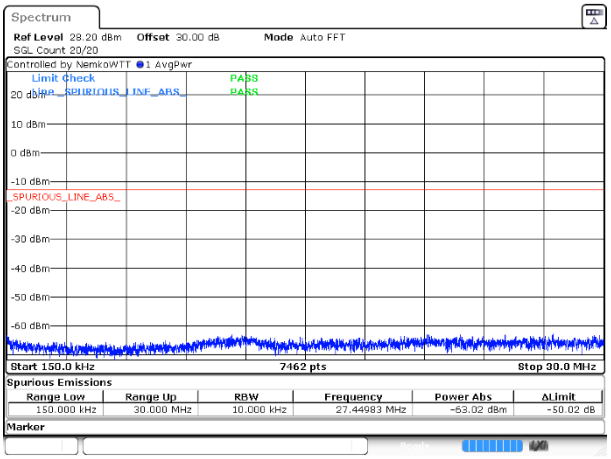


Conducted Spurious Emissions, High channel, NB

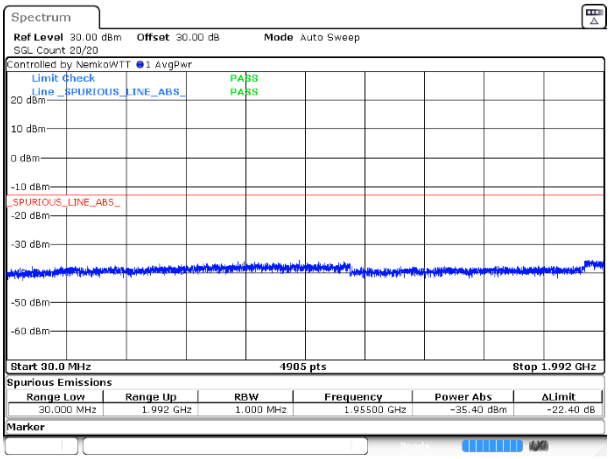
Input signal = **lowest channel** within the frequency block; **broadband**:



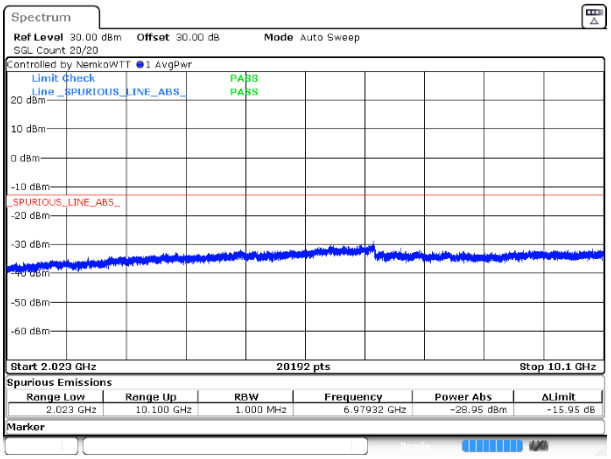
Conducted Spurious Emissions, Low channel, low frequency ran
ge, BB



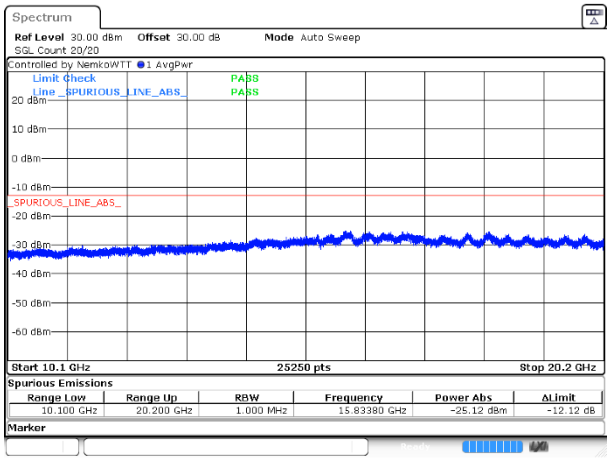
Conducted Spurious Emissions, Low channel, low frequency ran
ge, BB



Conducted Spurious Emissions, Low channel, low frequency ran
ge, BB

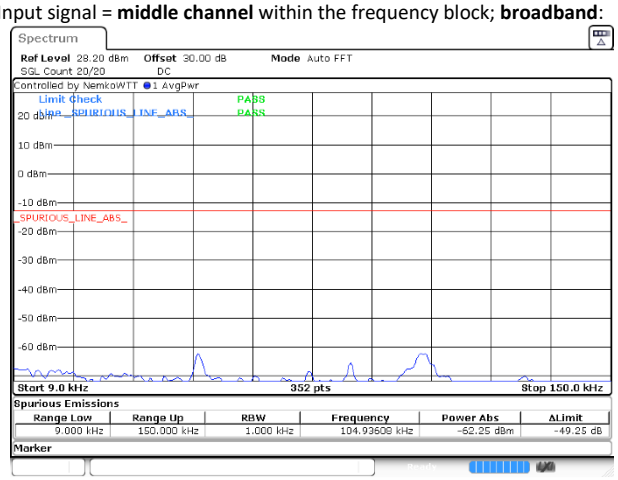


Conducted Spurious Emissions, Low channel, low frequency ran
ge, BB

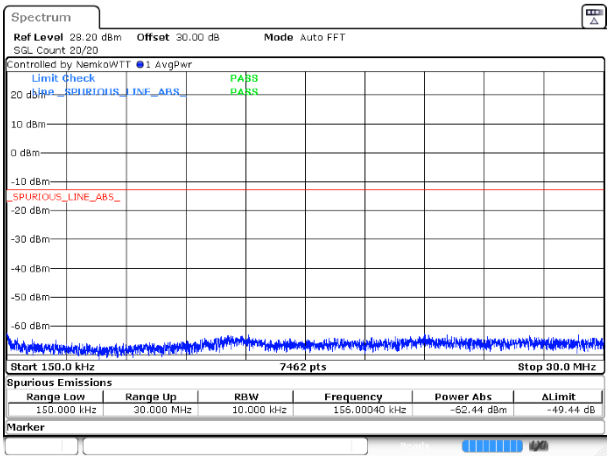


Conducted Spurious Emissions, Low channel, low frequency ran
ge, BB

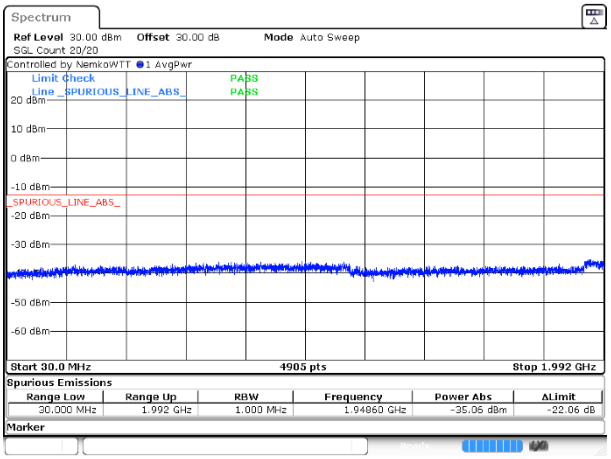
Input signal = **middle channel** within the frequency block; **broadband**:



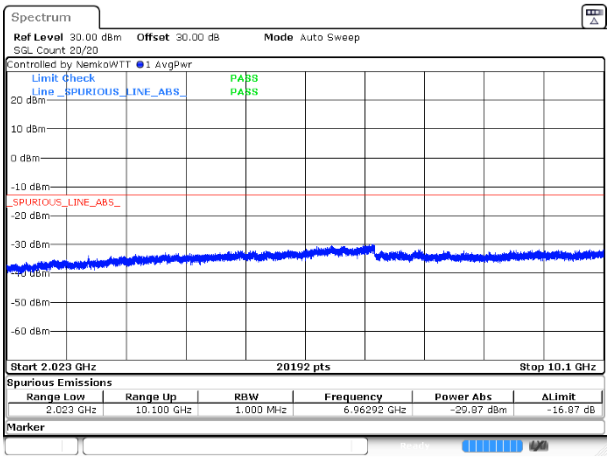
Conducted Spurious Emissions, Middle channel, BB



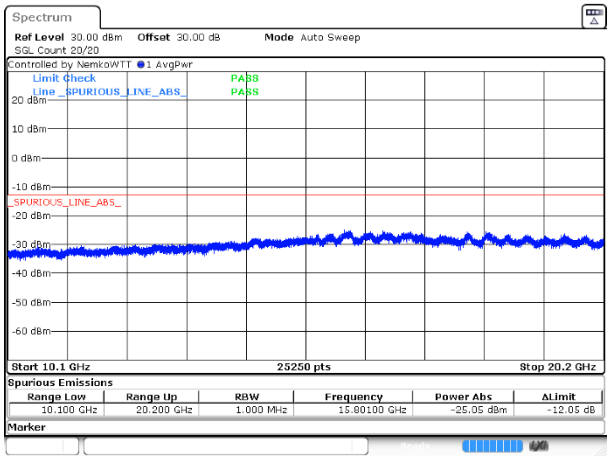
Conducted Spurious Emissions, Middle channel, BB



Conducted Spurious Emissions, Middle channel, BB

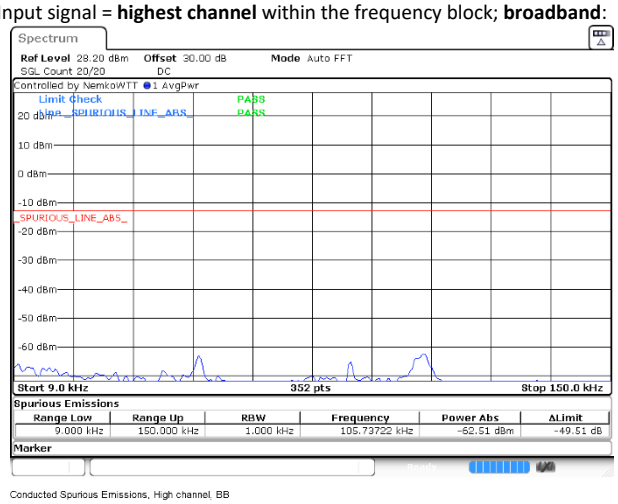


Conducted Spurious Emissions, Middle channel, BB

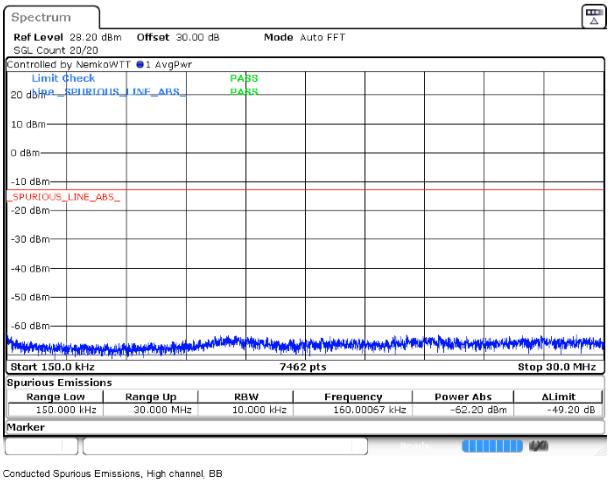


Conducted Spurious Emissions, Middle channel, BB

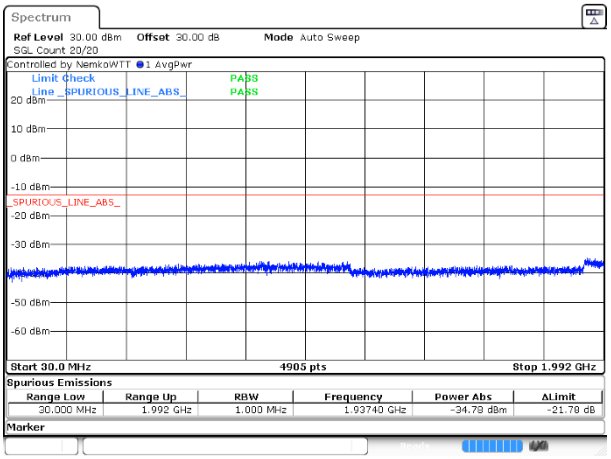
Input signal = **highest channel** within the frequency block; **broadband**:



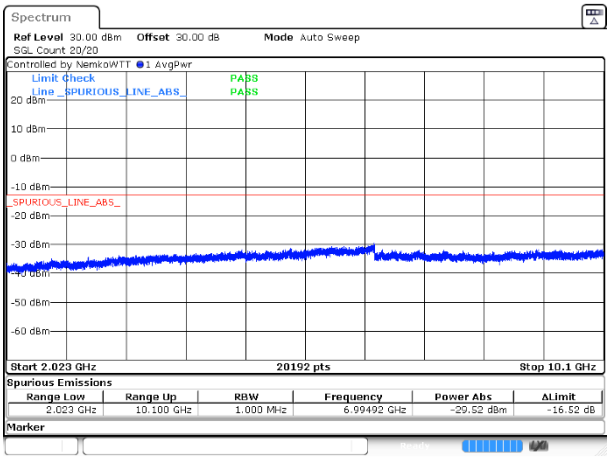
Conducted Spurious Emissions, High channel, BB



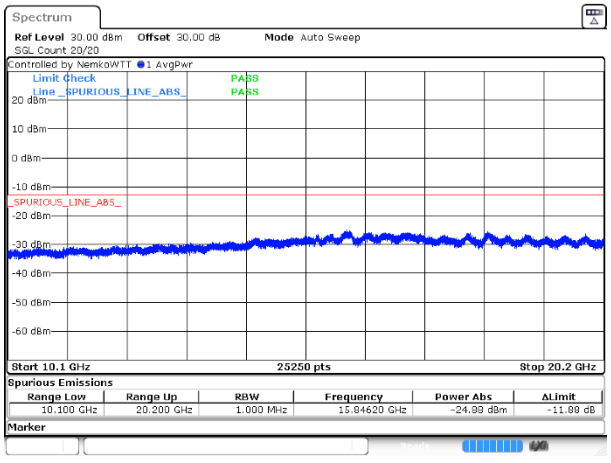
Conducted Spurious Emissions, High channel, BB



Conducted Spurious Emissions, High channel, BB



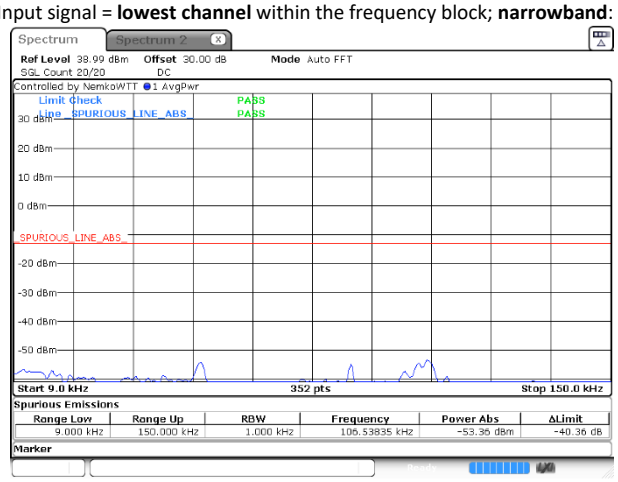
Conducted Spurious Emissions, High channel, BB



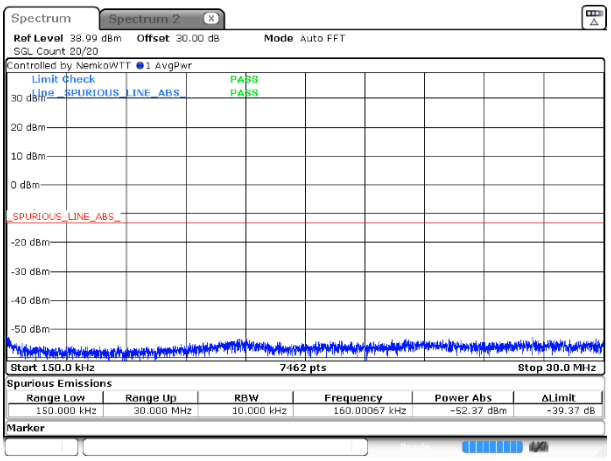
Conducted Spurious Emissions, High channel, BB

8.5.6.3 Operating frequency band: Band 66: 2110 – 2200 MHz

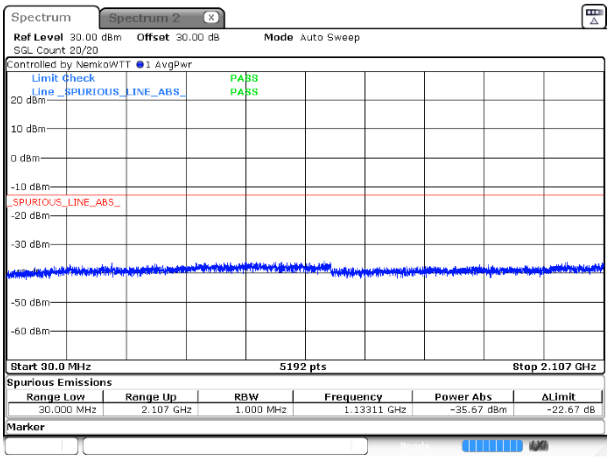
Input signal = **lowest channel** within the frequency block; **narrowband**:



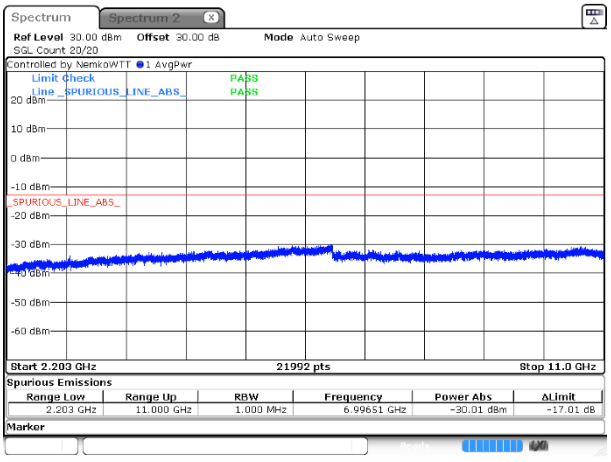
Conducted Spurious Emissions, Low channel, low frequency ran
ge, NB



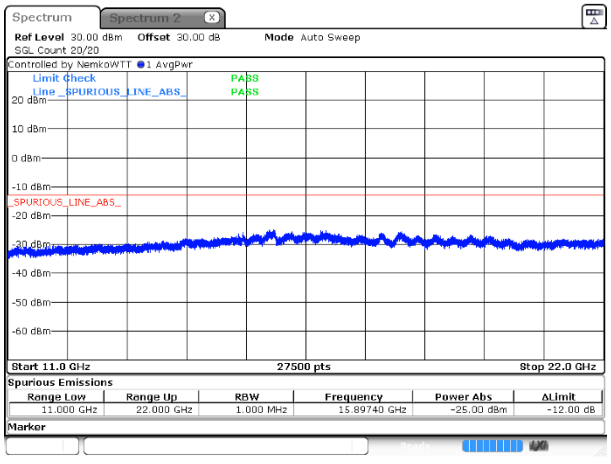
Conducted Spurious Emissions, Low channel, low frequency ran
ge, NB



Conducted Spurious Emissions, Low channel, low frequency ran
ge, NB

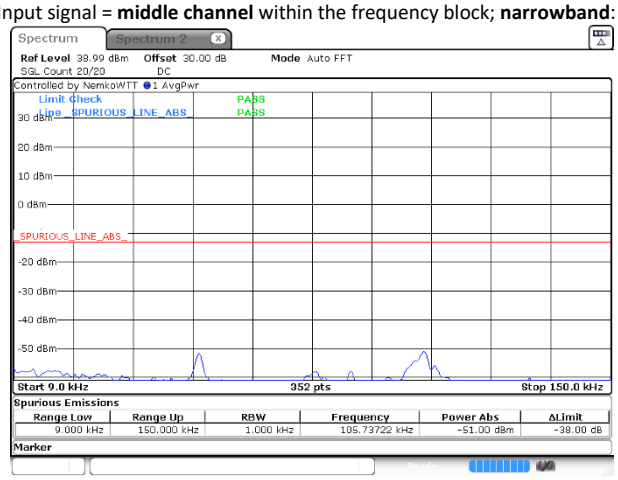


Conducted Spurious Emissions, Low channel, low frequency ran
ge, NB

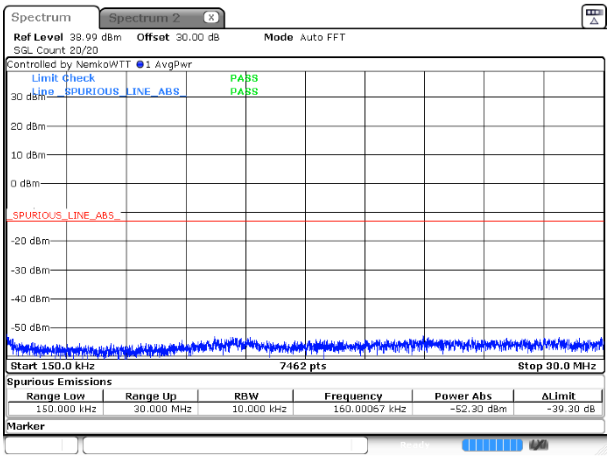


Conducted Spurious Emissions, Low channel, low frequency ran
ge, NB

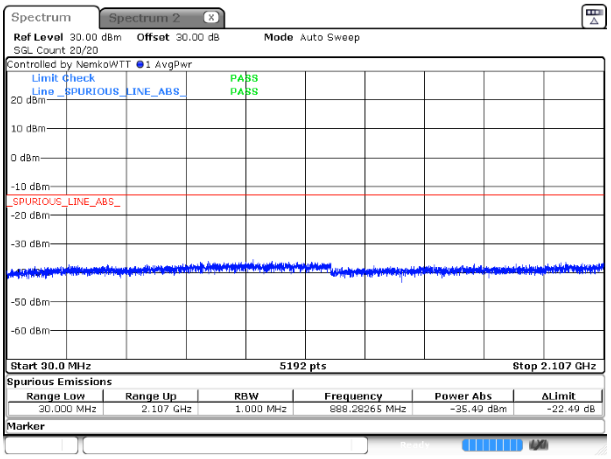
Input signal = **middle channel** within the frequency block; **narrowband**:



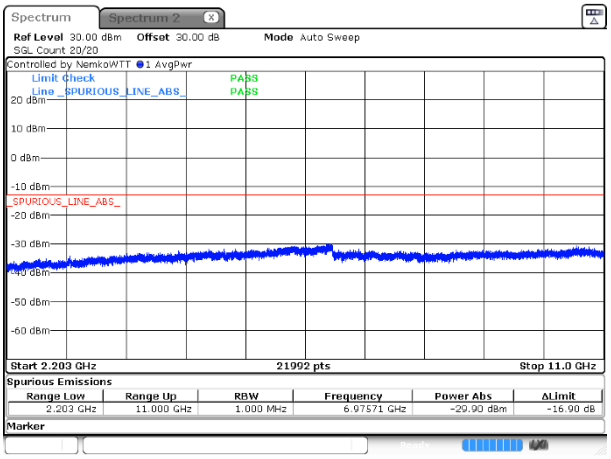
Conducted Spurious Emissions, Middle channel, NB



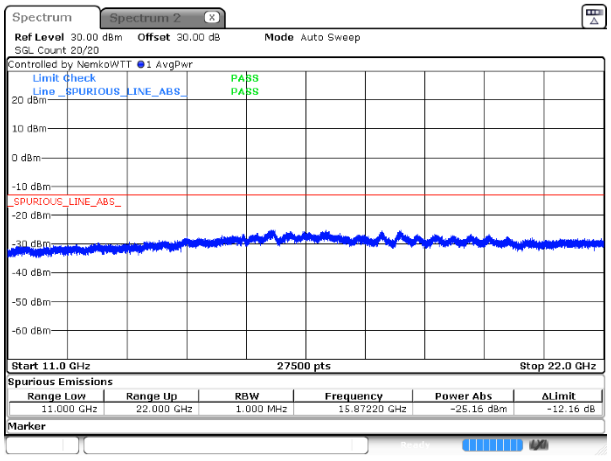
Conducted Spurious Emissions, Middle channel, NB



Conducted Spurious Emissions, Middle channel, NB

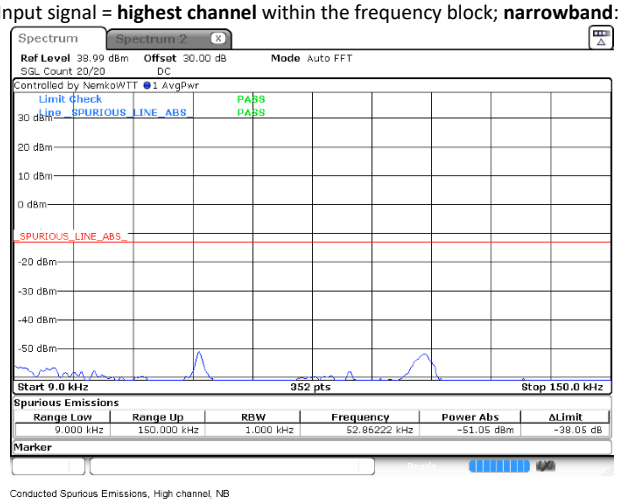


Conducted Spurious Emissions, Middle channel, NB

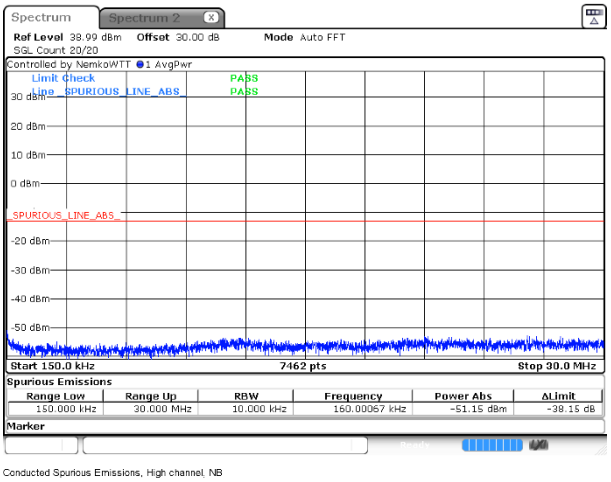


Conducted Spurious Emissions, Middle channel, NB

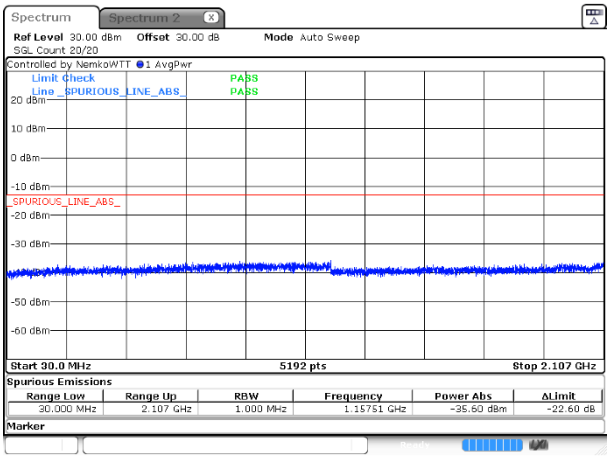
Input signal = **highest channel** within the frequency block; **narrowband**:



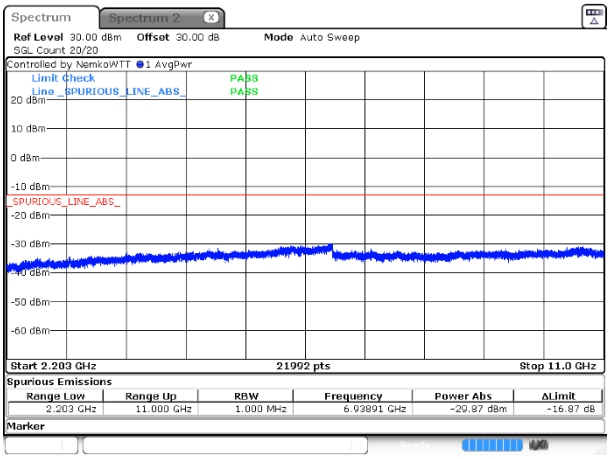
Conducted Spurious Emissions, High channel, NB



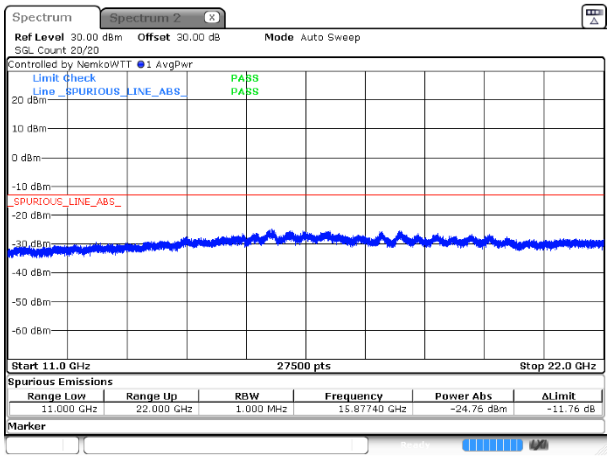
Conducted Spurious Emissions, High channel, NB



Conducted Spurious Emissions, High channel, NB

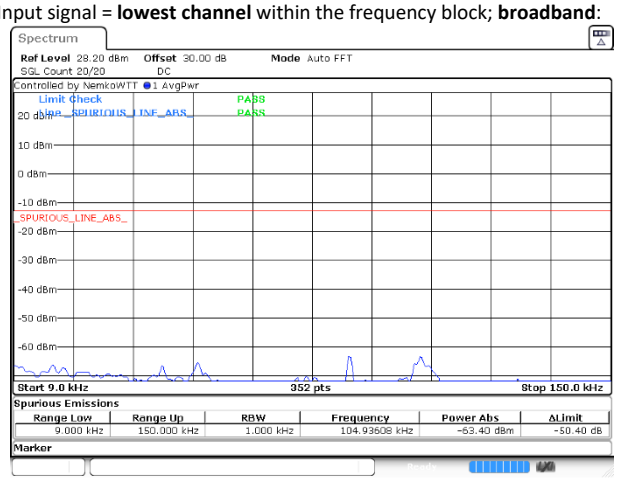


Conducted Spurious Emissions, High channel, NB

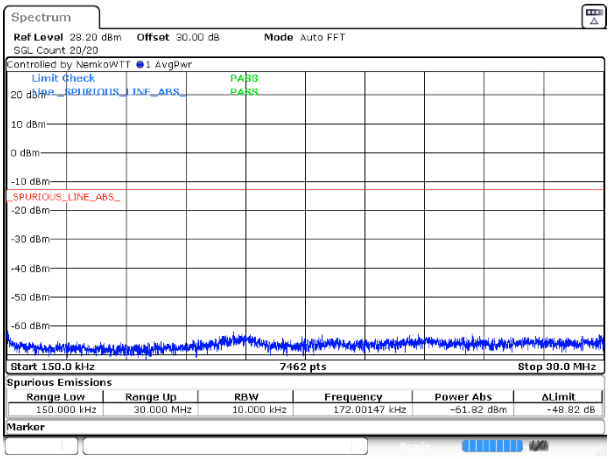


Conducted Spurious Emissions, High channel, NB

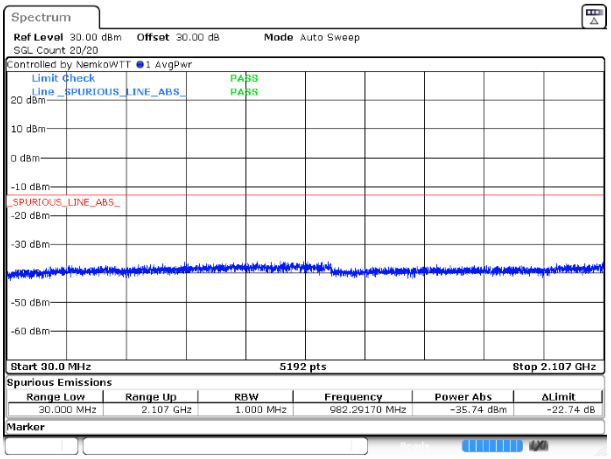
Input signal = **lowest channel** within the frequency block; **broadband**:



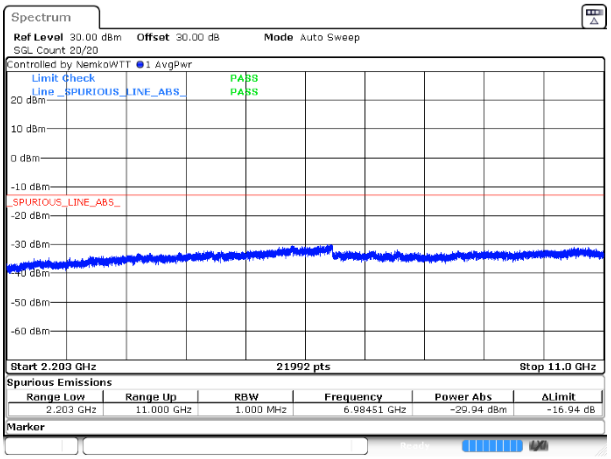
Conducted Spurious Emissions, Low channel, low frequency ran
ge, BB



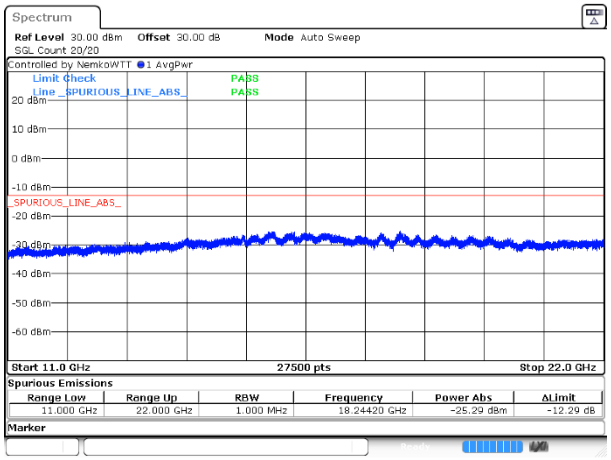
Conducted Spurious Emissions, Low channel, low frequency ran
ge, BB



Conducted Spurious Emissions, Low channel, low frequency ran
ge, BB

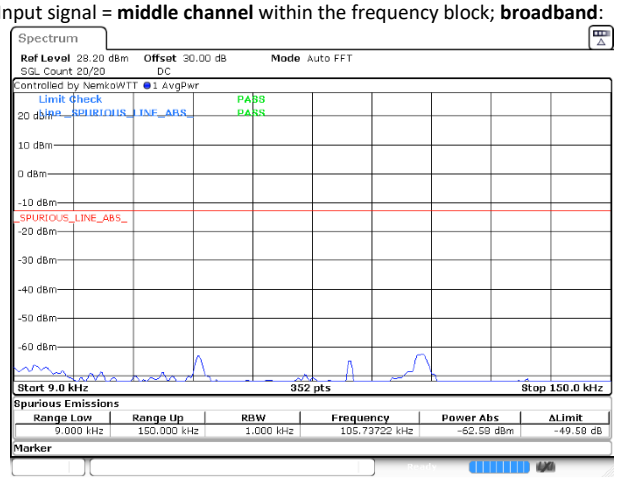


Conducted Spurious Emissions, Low channel, low frequency ran
ge, BB

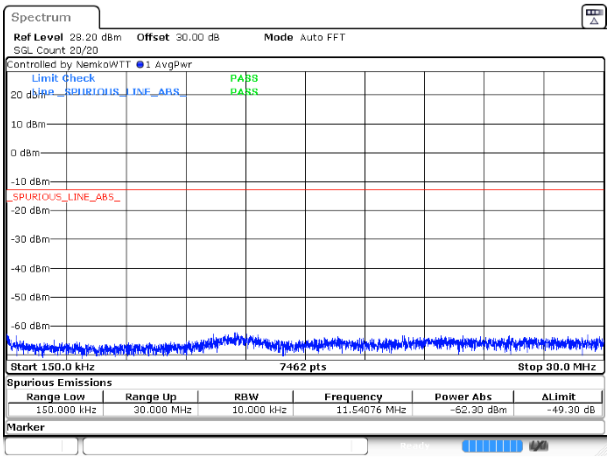


Conducted Spurious Emissions, Low channel, low frequency ran
ge, BB

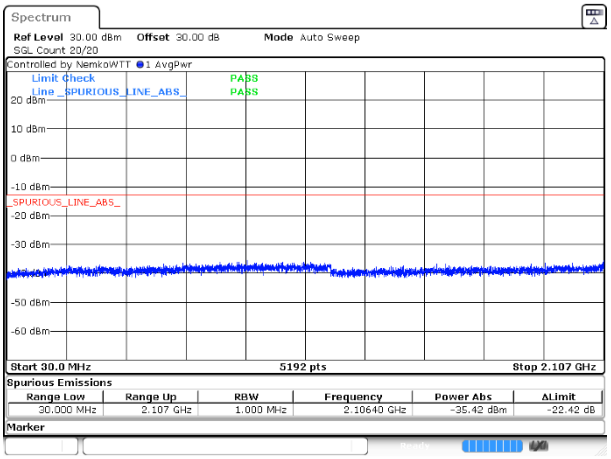
Input signal = **middle channel** within the frequency block; **broadband**:



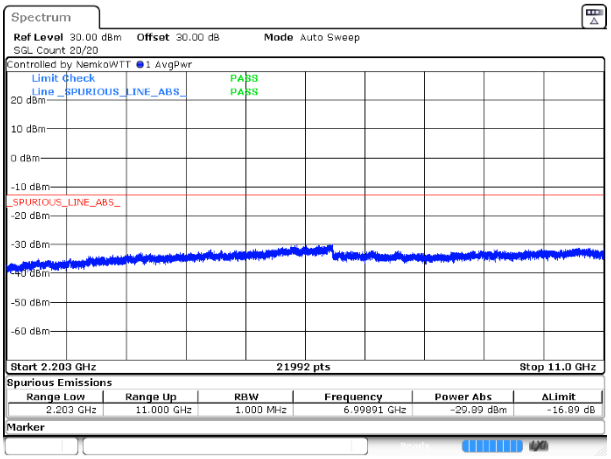
Conducted Spurious Emissions, Middle channel, BB



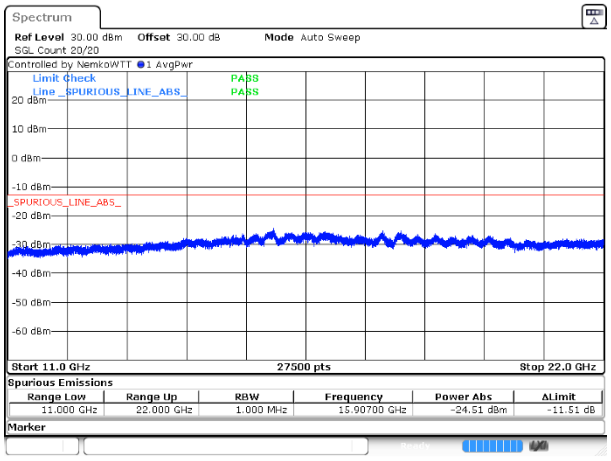
Conducted Spurious Emissions, Middle channel, BB



Conducted Spurious Emissions, Middle channel, BB

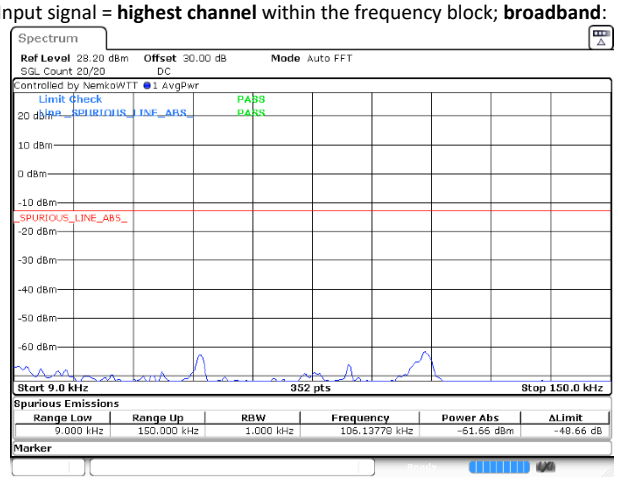


Conducted Spurious Emissions, Middle channel, BB

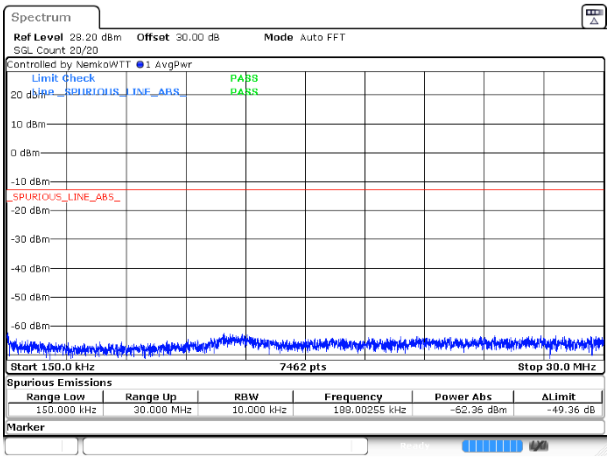


Conducted Spurious Emissions, Middle channel, BB

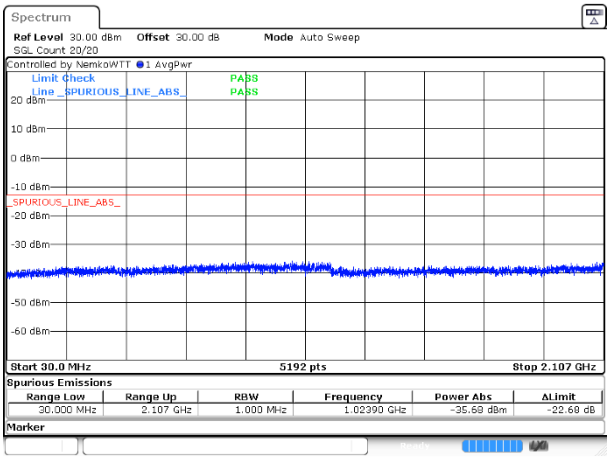
Input signal = **highest channel** within the frequency block; **broadband**:



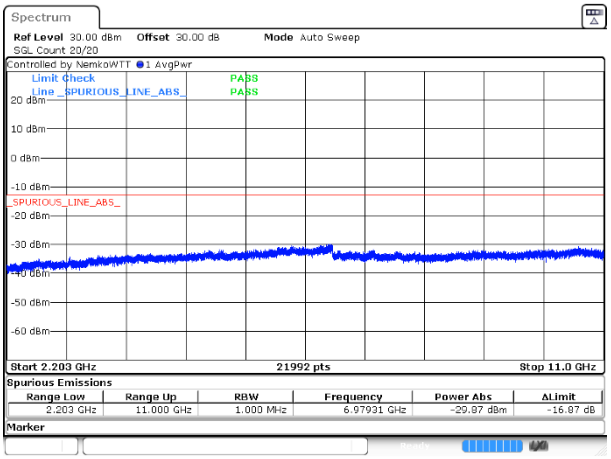
Conducted Spurious Emissions, High channel, BB



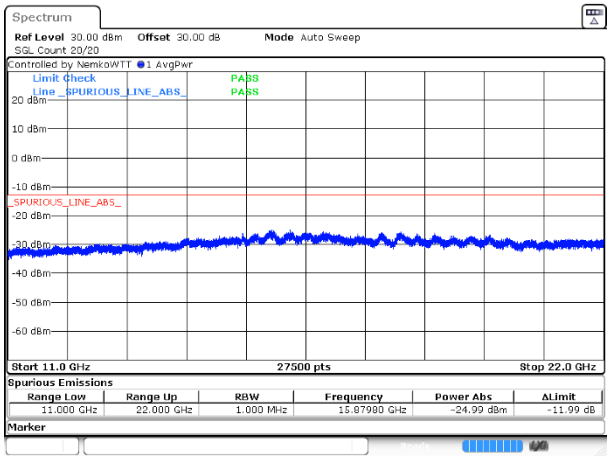
Conducted Spurious Emissions, High channel, BB



Conducted Spurious Emissions, High channel, BB



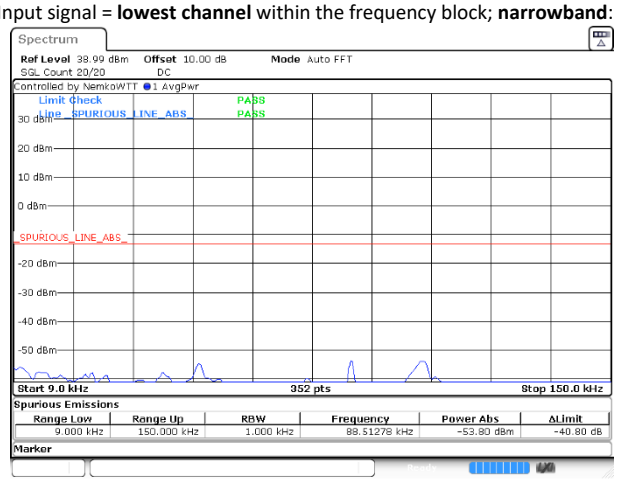
Conducted Spurious Emissions, High channel, BB



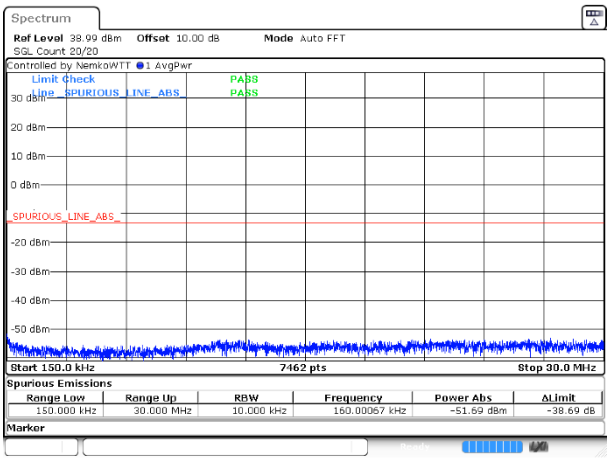
Conducted Spurious Emissions, High channel, BB

8.5.6.4 Operating frequency band: Band 30: 2350 – 2360 MHz

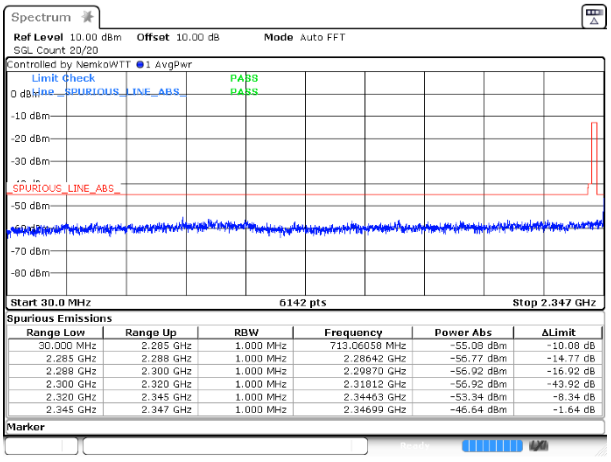
Input signal = **lowest channel** within the frequency block; **narrowband**:



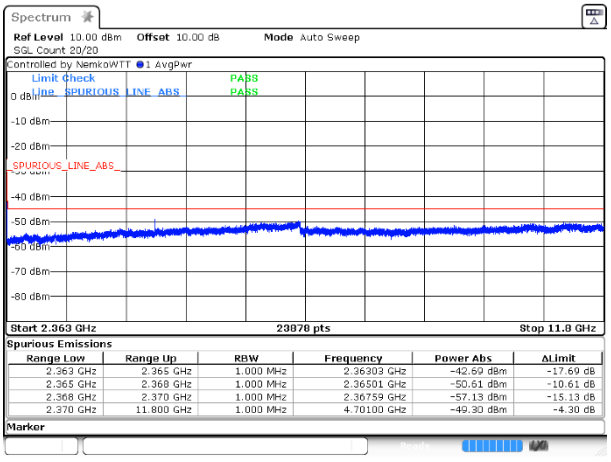
Conducted Spurious Emissions, Low channel, low frequency ran
ge, NB



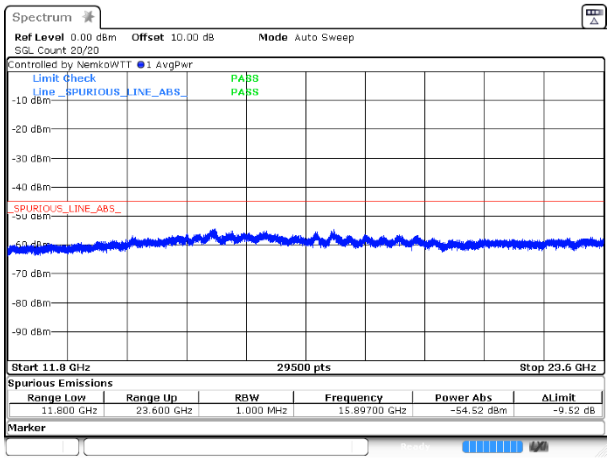
Conducted Spurious Emissions, Low channel, low frequency ran
ge, NB



Conducted Spurious Emissions, Low channel, low frequency ran
ge, NB

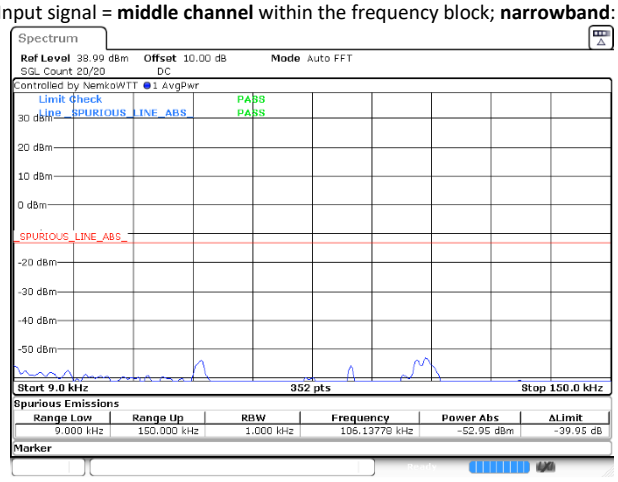


Conducted Spurious Emissions, Low channel, low frequency ran
ge, NB

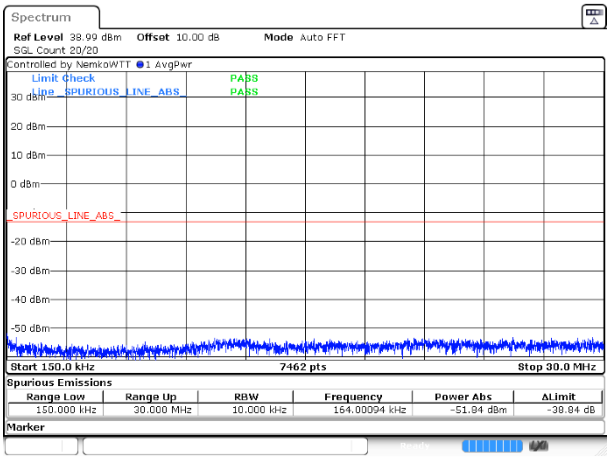


Conducted Spurious Emissions, Low channel, low frequency ran
ge, NB

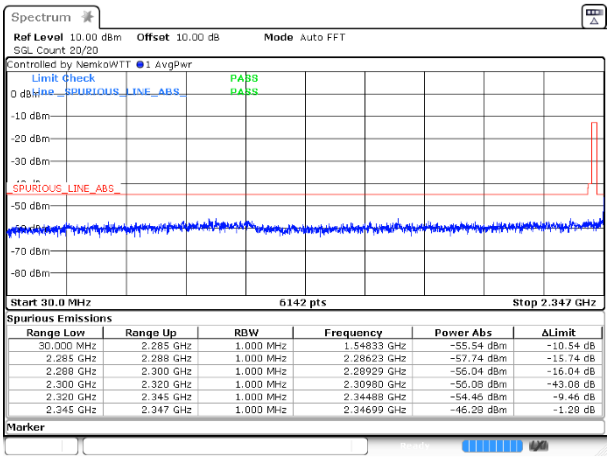
Input signal = **middle channel** within the frequency block; **narrowband**:



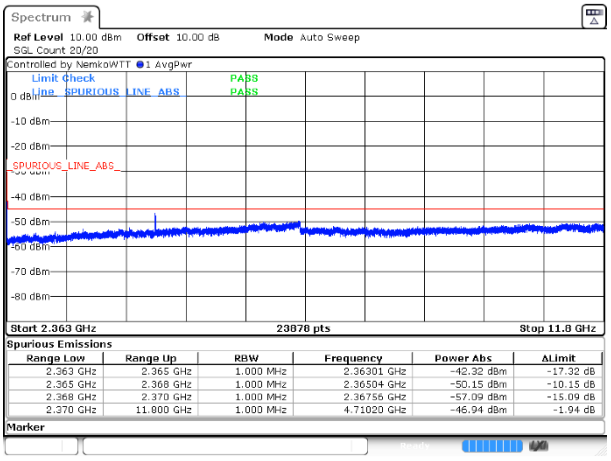
Conducted Spurious Emissions, Middle channel, NB



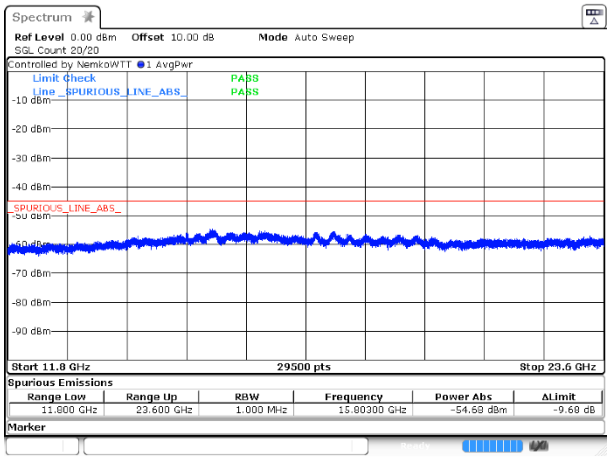
Conducted Spurious Emissions, Middle channel, NB



Conducted Spurious Emissions, Middle channel, NB



Conducted Spurious Emissions, Middle channel, NB



Conducted Spurious Emissions, Middle channel, NB