

Spurious emissions (radiated) 9 kHz – 5 GHz

Table 20: Spurious emissions (radiated) Peak results

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Settings
1288.400000	-57.80	-13.00	44.80	TX MID1 25 kHz 19200 bps
1351.566667	-57.83	-20.00	37.83	TX MID2 12.5 kHz 8000 bps
1408.400000	-56.43	-20.00	36.43	TX HIGH 12.5 kHz 9600 bps
1640.116667	-56.88	-13.00	43.88	TX LOW 25 kHz 16000 bps
1717.866667	-58.90	-13.00	45.90	TX MID1 25 kHz 19200 bps
1801.983333	-57.69	-20.00	37.69	TX MID2 12.5 kHz 8000 bps
1878.366667	-59.20	-20.00	39.20	TX HIGH 12.5 kHz 9600 bps
4695.183333	-52.21	-20.00	32.21	TX HIGH 12.5 kHz 9600 bps
4919.883333	-54.56	-13.00	41.56	TX LOW 25 kHz 16000 bps

Table 21: Spurious emissions (radiated) Peak result details

Frequency (MHz)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)	Settings
1288.400000	1000.0	1000.000	165.0	V	99.0	-98.7	TX MID1 25 kHz 19200 bps
1351.566667	1000.0	1000.000	145.0	H	13.0	-99.1	TX MID2 12.5 kHz 8000 bps
1408.400000	1000.0	1000.000	125.0	H	109.0	-99.7	TX HIGH 12.5 kHz 9600 bps
1640.116667	1000.0	1000.000	204.0	H	88.0	-99.4	TX LOW 25 kHz 16000 bps
1717.866667	1000.0	1000.000	231.0	V	0.0	-98.8	TX MID1 25 kHz 19200 bps
1801.983333	1000.0	1000.000	127.0	H	68.0	-97.3	TX MID2 12.5 kHz 8000 bps
1878.366667	1000.0	1000.000	150.0	V	4.0	-96.2	TX HIGH 12.5 kHz 9600 bps
4695.183333	1000.0	1000.000	247.0	V	0.0	-92.9	TX HIGH 12.5 kHz 9600 bps
4919.883333	1000.0	1000.000	241.0	V	4.0	-92.9	TX LOW 25 kHz 16000 bps

Correction factor (dB) in the final result tables contains the sum of the attenuations of the system. (Antenna + amplifier + cables). Peak measured values include the correction factor.

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9 kHz – 30 MHz

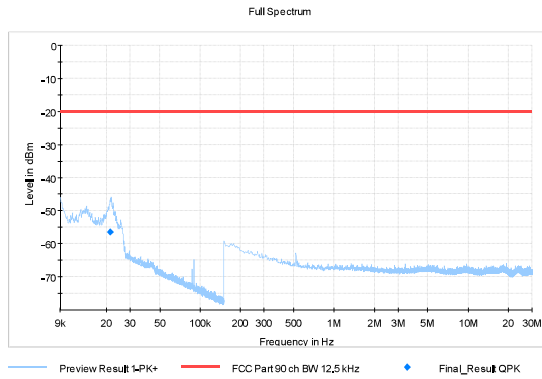


Figure 196: TX 410.0 MHz, 12.5 kHz, 8000 bps

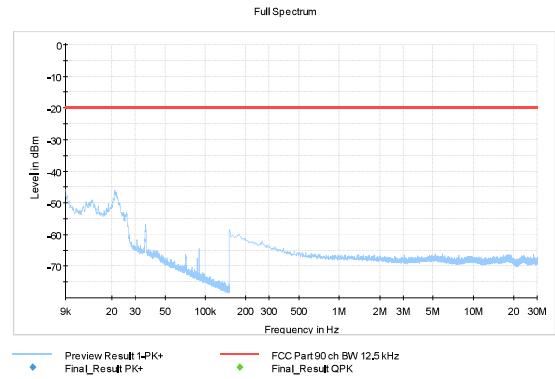


Figure 197: RX 410.0 MHz, 12.5 kHz, 8000 bps

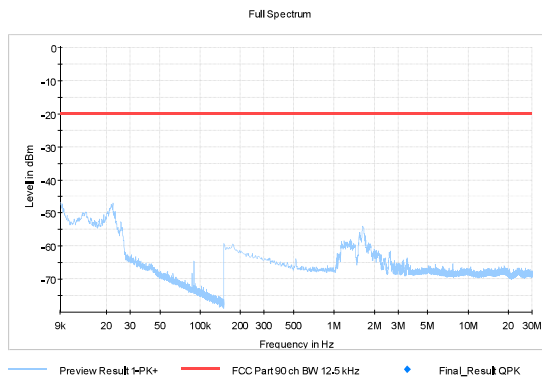


Figure 198: TX 429.5 MHz, 12.5 kHz, 9600 bps

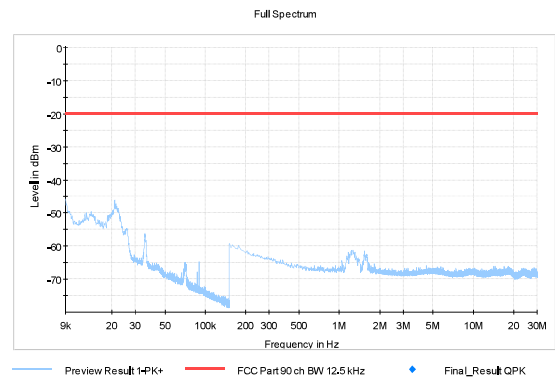


Figure 199: RX 429.5 MHz, 12.5 kHz, 9600 bps