

BAND 66 Occupied Bandwidth Plot (15 MHz, 1745 MHz, QPSK, Full RB)



BAND 66 Occupied Bandwidth Plot (15 MHz, 1745 MHz, 16QAM, Full RB)



BAND 66 Occupied Bandwidth Plot (15 MHz, 1745 MHz, 64QAM, Full RB)



BAND 66 Occupied Bandwidth Plot (15 MHz, 1745 MHz, 256QAM, Full RB)



BAND 66 Occupied Bandwidth Plot (20 MHz, 1745 MHz, BPSK, Full RB)



BAND 66 Occupied Bandwidth Plot (20 MHz, 1745 MHz, QPSK, Full RB)



BAND 66 Occupied Bandwidth Plot (20 MHz, 1745 MHz, 16QAM, Full RB)



BAND 66 Occupied Bandwidth Plot (20 MHz, 1745 MHz, 64QAM, Full RB)



BAND 66 Occupied Bandwidth Plot (20 MHz, 1745 MHz, 256QAM, Full RB)



BAND 66 Occupied Bandwidth Plot (40 MHz, 1745 MHz, BPSK, Full RB)



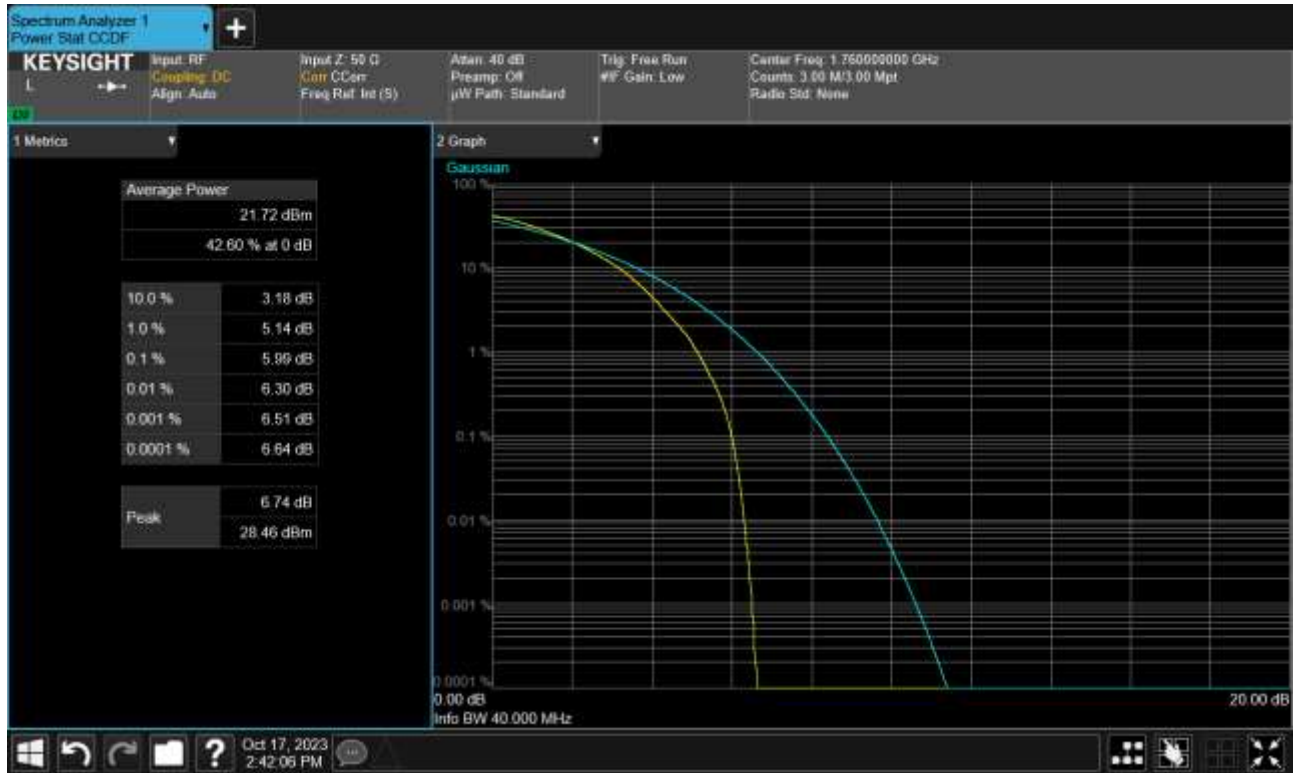
BAND 66 Occupied Bandwidth Plot (40 MHz, 1745 MHz, QPSK, Full RB)



BAND 66 Occupied Bandwidth Plot (40 MHz, 1745 MHz, 16QAM, Full RB)



BAND 66 Occupied Bandwidth Plot (40 MHz, 1745 MHz, 64QAM, Full RB)



BAND 66 Occupied Bandwidth Plot (40 MHz, 1745 MHz, 256QAM, Full RB)

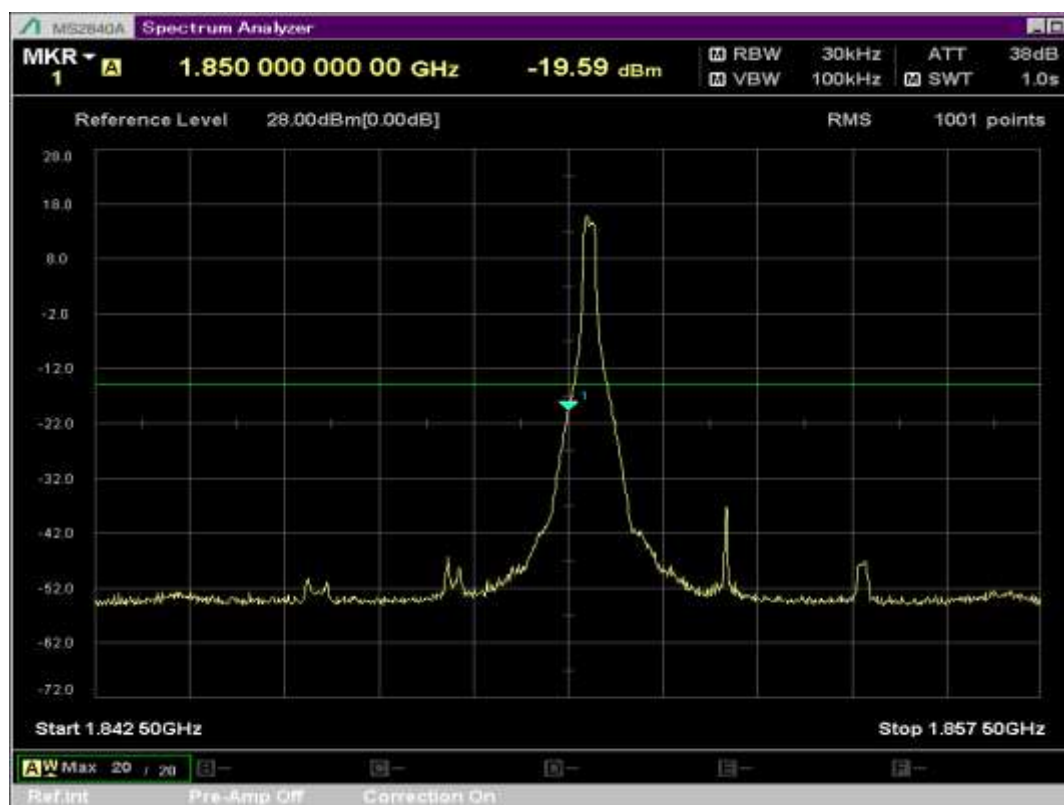


13.7 BAND EDGE EMISSIONS

All modes of operation were investigated, and the worst-case configuration results are reported in this section.

BAND 2

Lower Band Edge Plot (5 MHz, BPSK, 1 RB)



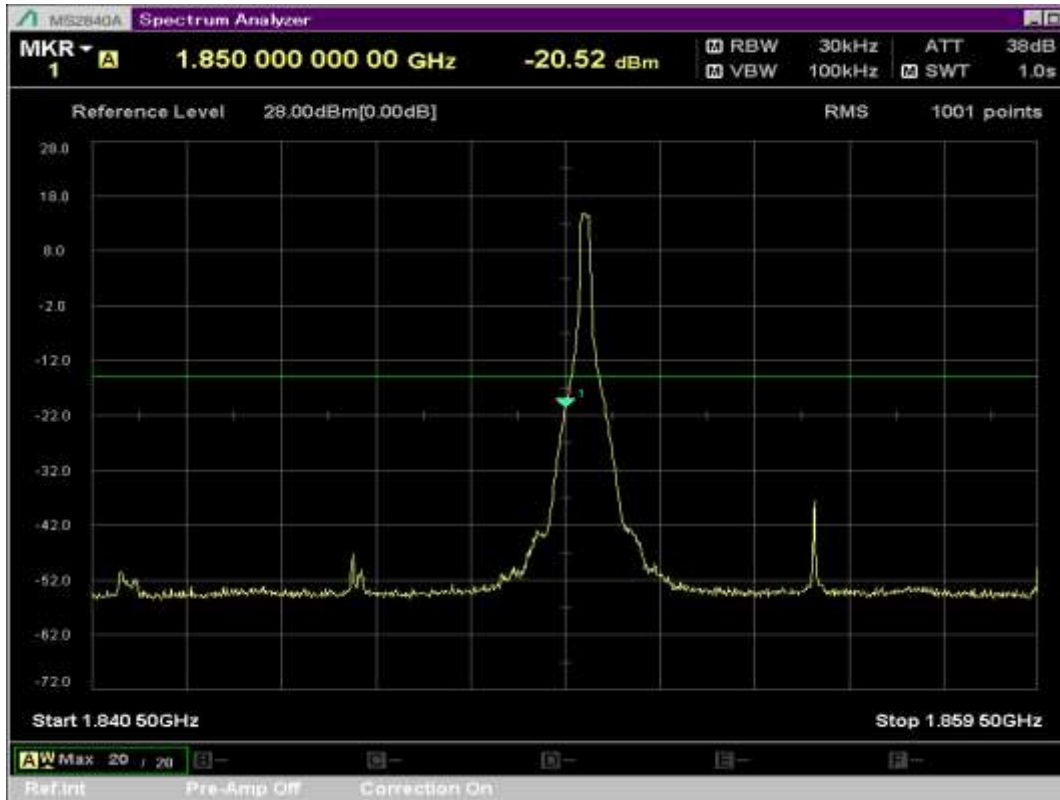
Lower Band Edge Plot (5 MHz, BPSK, FULL RB)



Lower Extended Band Edge Plot (5 MHz, BPSK, Full RB)



Lower Band Edge Plot (10 MHz, BPSK, 1 RB)



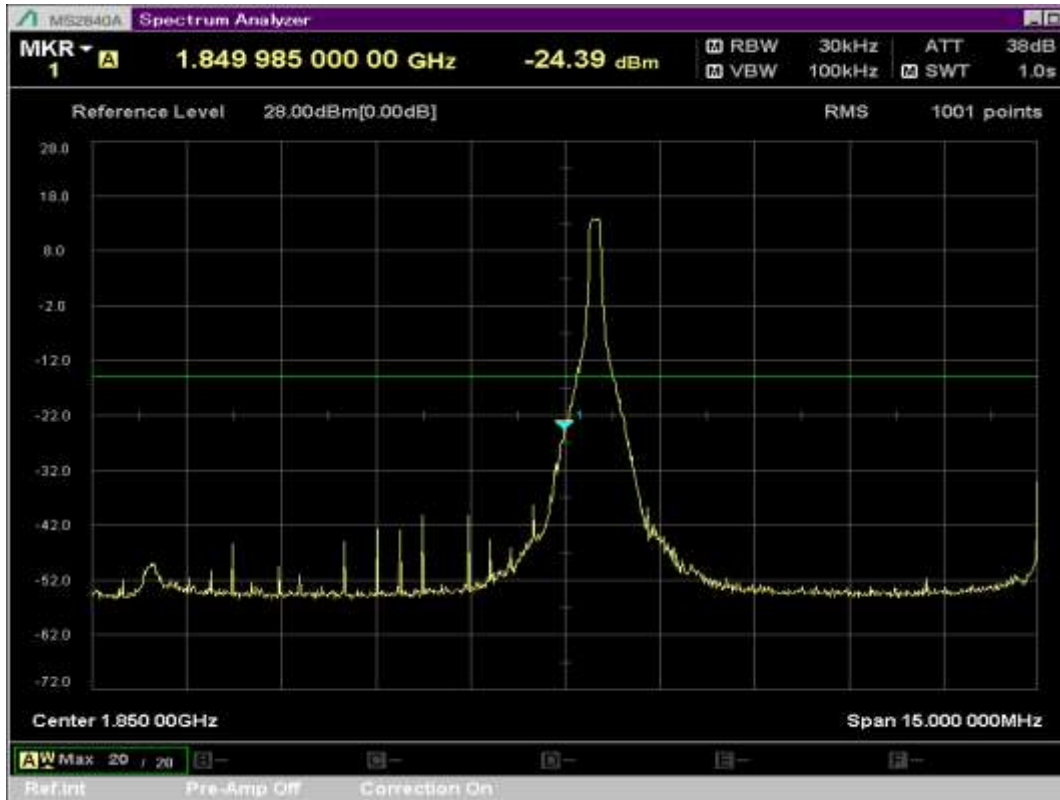
Lower Band Edge Plot (10 MHz, BPSK, FULL RB)



Lower Extended Band Edge Plot (10 MHz, BPSK, Full RB)



Lower Band Edge Plot (15 MHz, BPSK, 1 RB)



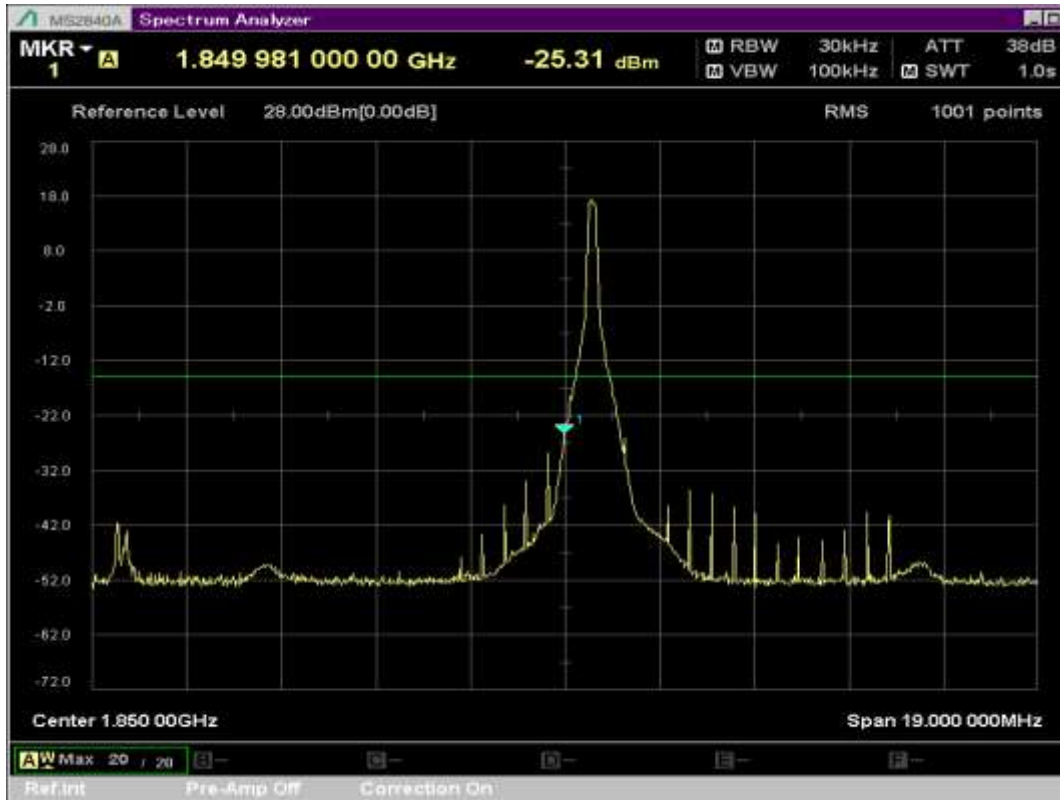
Lower Band Edge Plot (15 MHz, BPSK, FULL RB)



Lower Extended Band Edge Plot (15 MHz, BPSK, Full RB)



Lower Band Edge Plot (20 MHz, BPSK, 1 RB)



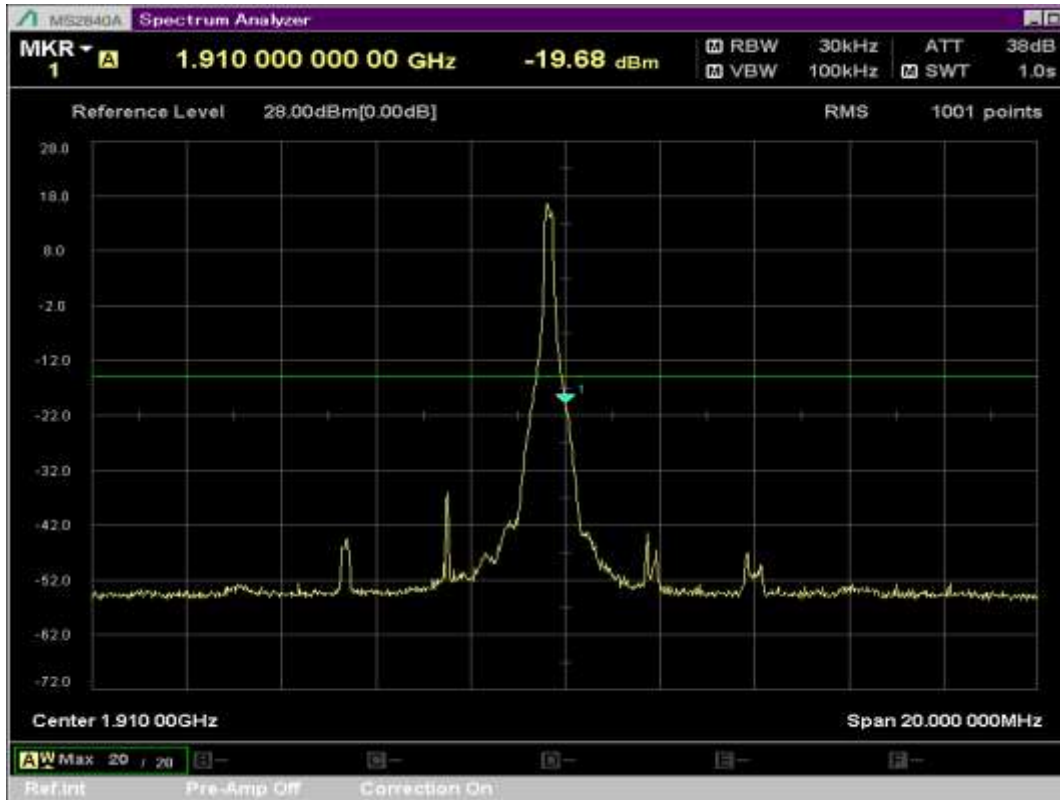
Lower Band Edge Plot (20 MHz, BPSK, FULL RB)



Lower Extended Band Edge Plot (20 MHz, BPSK, Full RB)



Upper Band Edge Plot (5 MHz, BPSK, 1 RB)



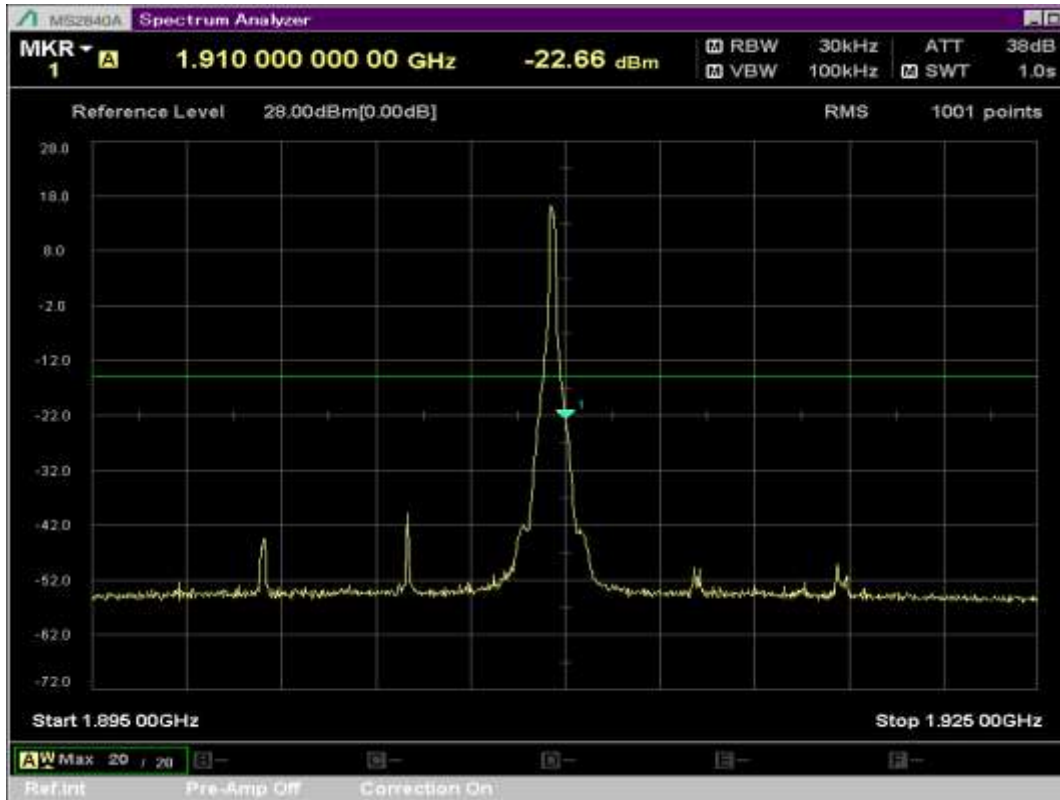
Upper Band Edge Plot (5 MHz, BPSK, FULL RB)



Upper Extended Band Edge Plot (5 MHz, BPSK, Full RB)



Upper Band Edge Plot (10 MHz, BPSK, 1 RB)



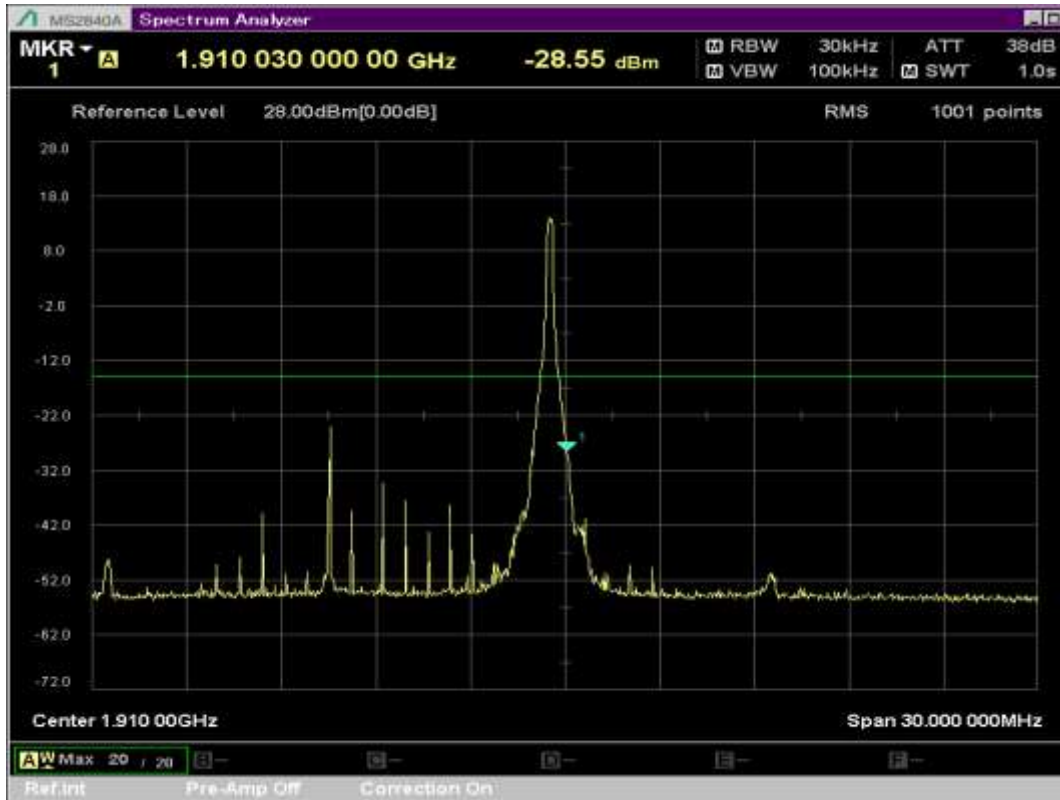
Upper Band Edge Plot (10 MHz, BPSK, FULL RB)



Upper Extended Band Edge Plot (10 MHz, BPSK, Full RB)



Upper Band Edge Plot (15 MHz, BPSK, 1 RB)



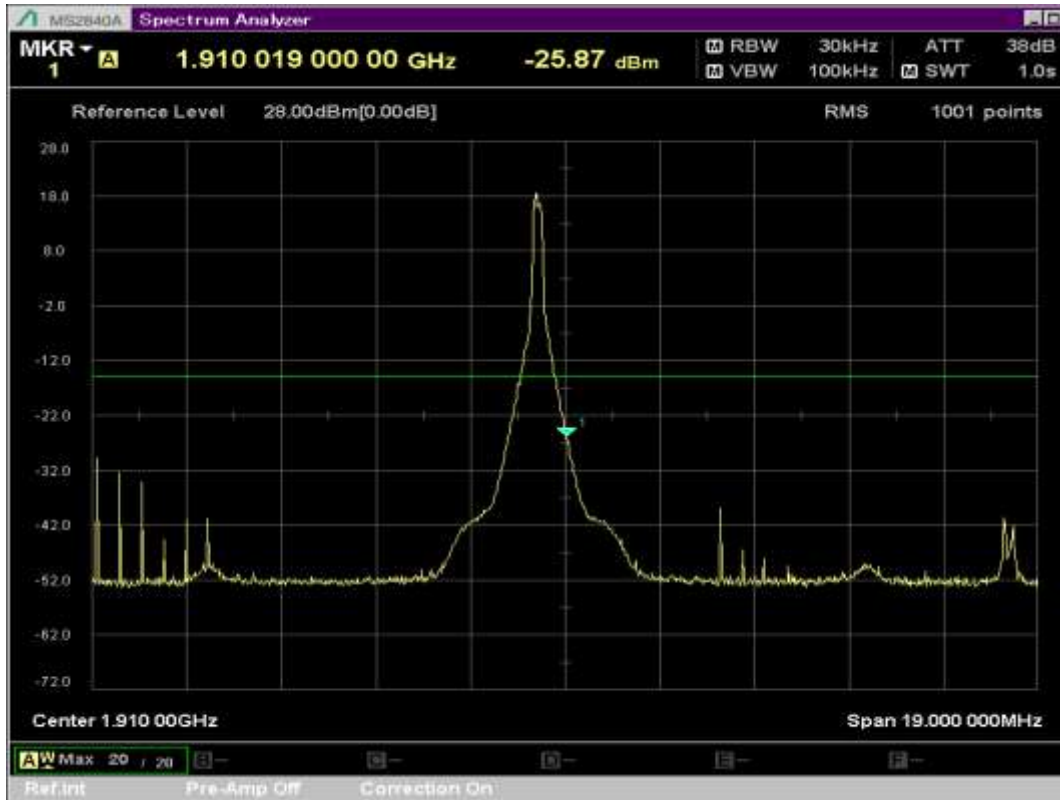
Upper Band Edge Plot (15 MHz, BPSK, FULL RB)



Upper Extended Band Edge Plot (15 MHz, BPSK, Full RB)



Upper Band Edge Plot (20 MHz, BPSK, 1 RB)



Upper Band Edge Plot (20 MHz, BPSK, FULL RB)

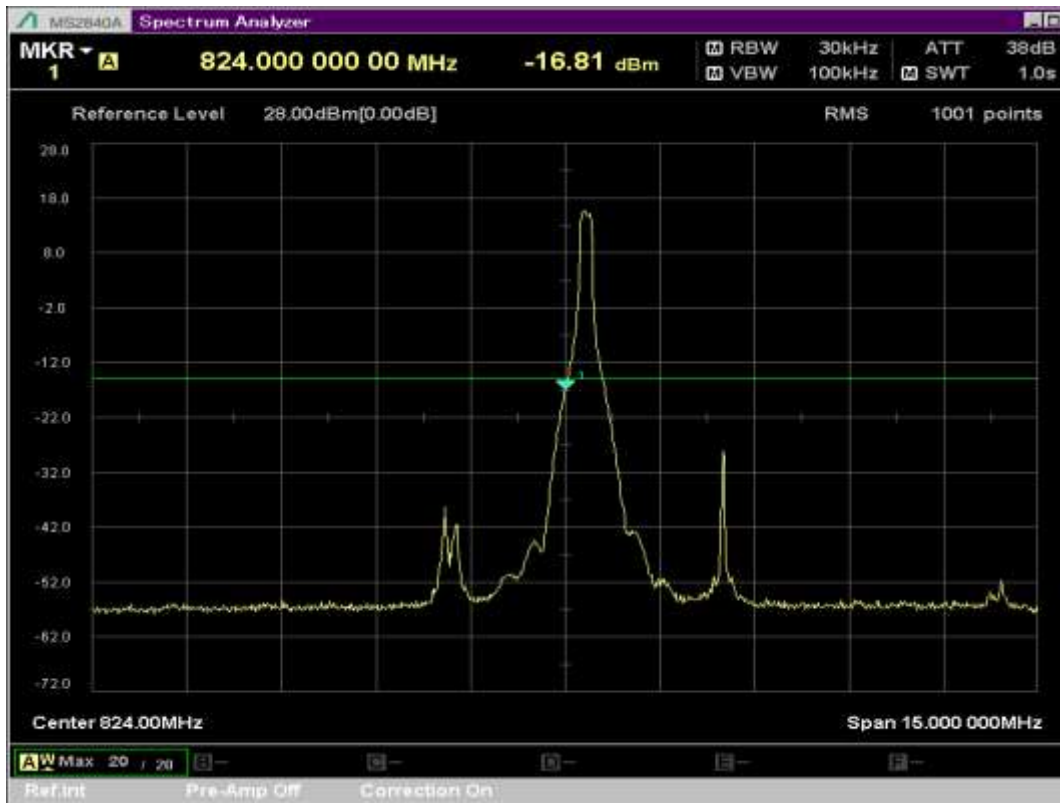


Upper Extended Band Edge Plot (20 MHz, BPSK, Full RB)



BAND 5

Lower Band Edge Plot (5 MHz, BPSK, 1 RB)



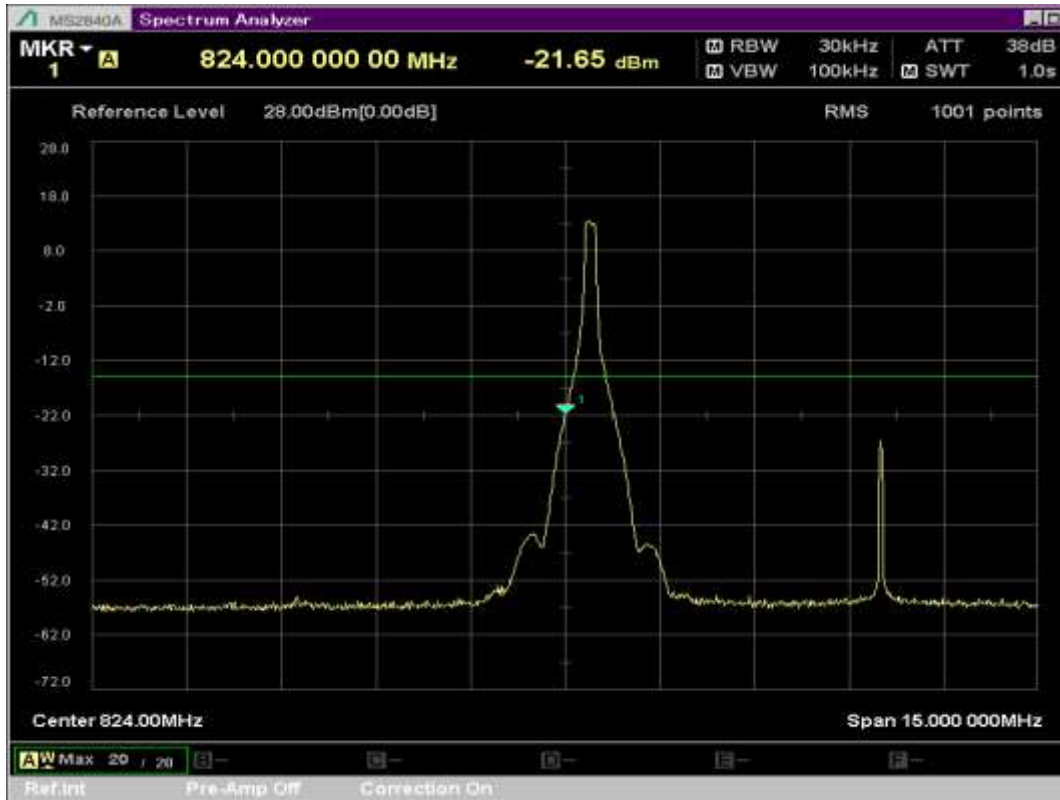
Lower Band Edge Plot (5 MHz, BPSK, FULL RB)



Lower Extended Band Edge Plot (5 MHz, BPSK, Full RB)



Lower Band Edge Plot (10 MHz, BPSK, 1 RB)



Lower Band Edge Plot (10 MHz, BPSK, FULL RB)



Lower Extended Band Edge Plot (10 MHz, BPSK, Full RB)



Lower Band Edge Plot (15 MHz, BPSK, 1 RB)



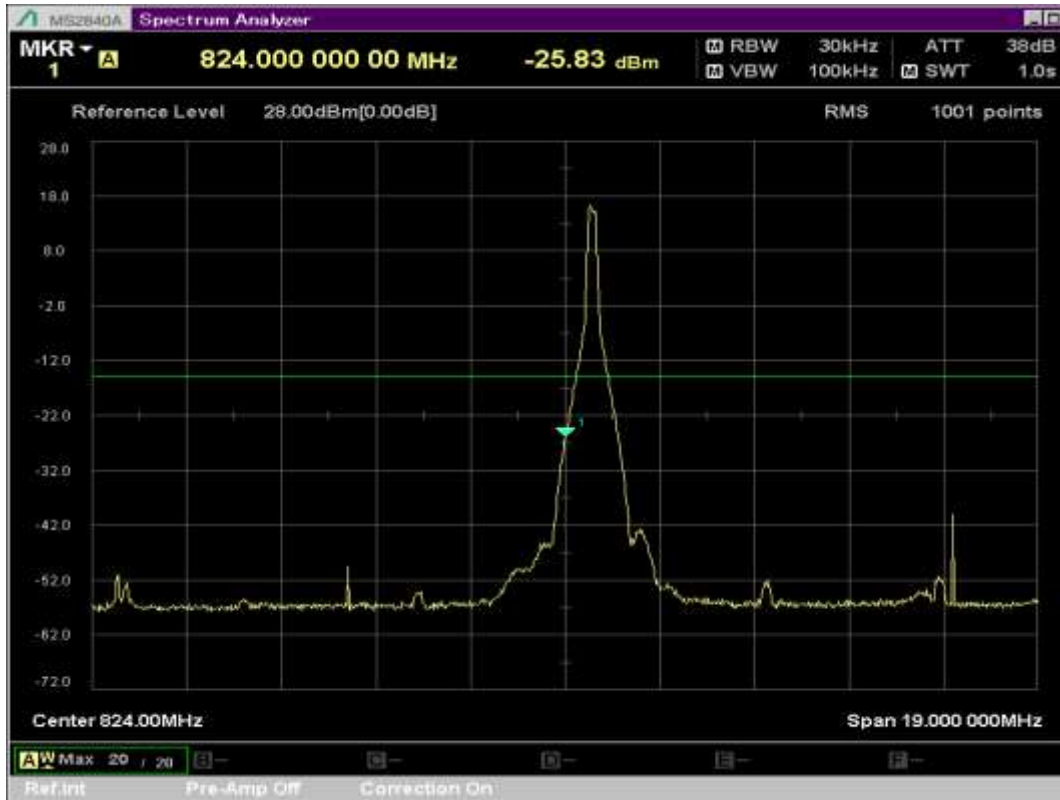
Lower Band Edge Plot (15 MHz, BPSK, FULL RB)



Lower Extended Band Edge Plot (15 MHz, BPSK, Full RB)



Lower Band Edge Plot (20 MHz, BPSK, 1 RB)



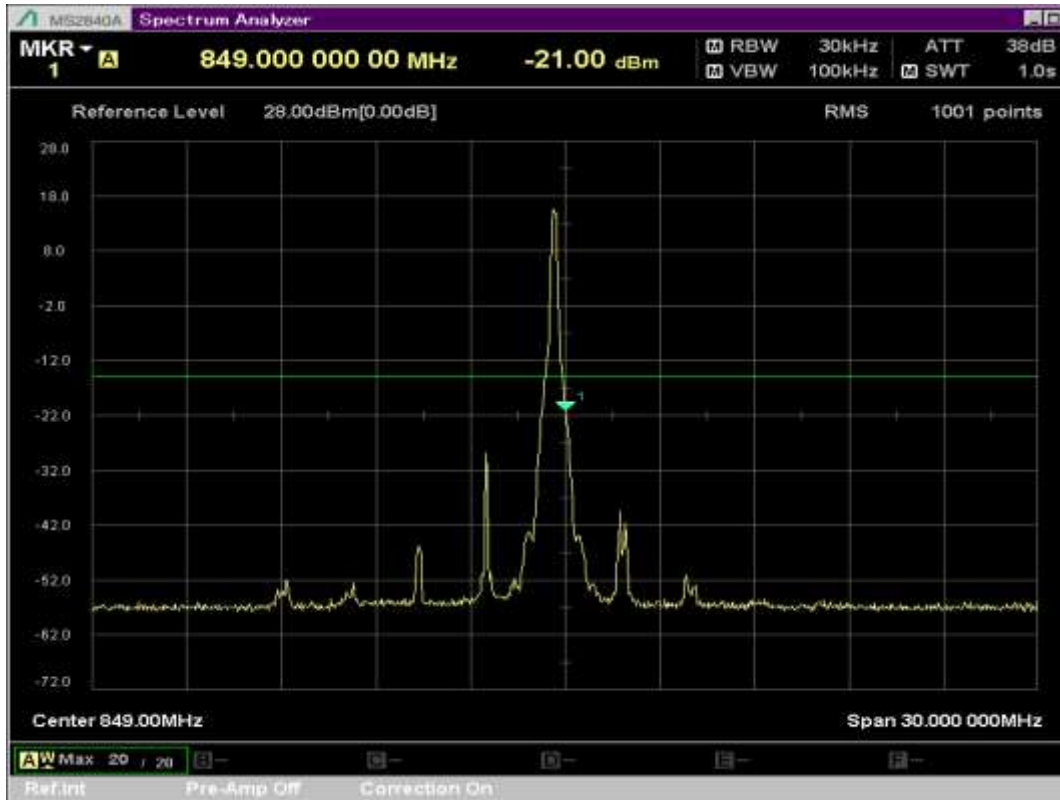
Lower Band Edge Plot (20 MHz, BPSK, FULL RB)



Lower Extended Band Edge Plot (20 MHz, BPSK, Full RB)



Upper Band Edge Plot (5 MHz, BPSK, 1 RB)



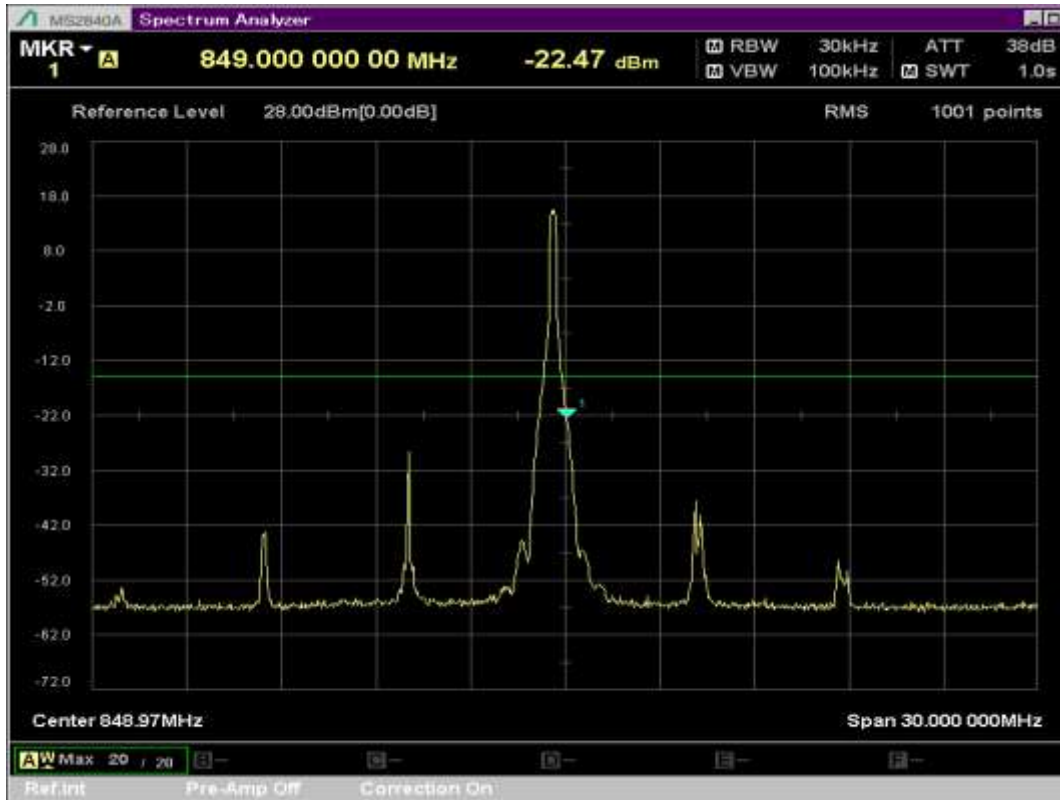
Upper Band Edge Plot (5 MHz, BPSK, FULL RB)



Upper Extended Band Edge Plot (5 MHz, BPSK, Full RB)



Upper Band Edge Plot (10 MHz, BPSK, 1 RB)



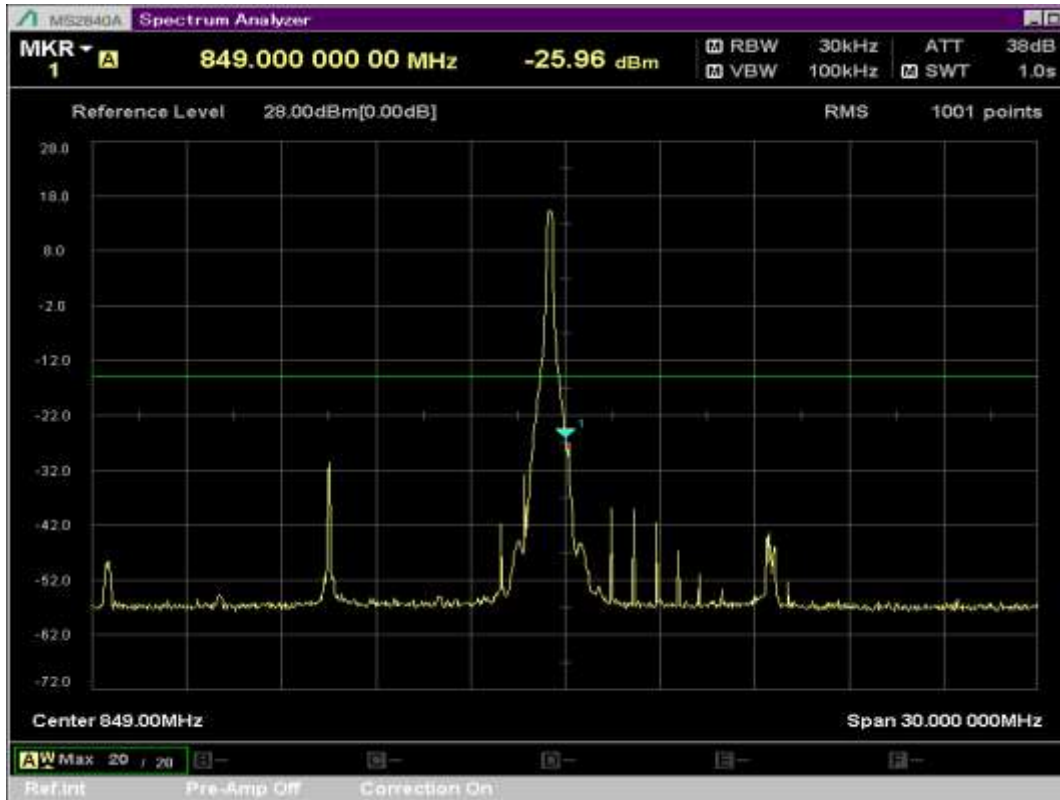
Upper Band Edge Plot (10 MHz, BPSK, FULL RB)



Upper Extended Band Edge Plot (10 MHz, BPSK, Full RB)



Upper Band Edge Plot (15 MHz, BPSK, 1 RB)



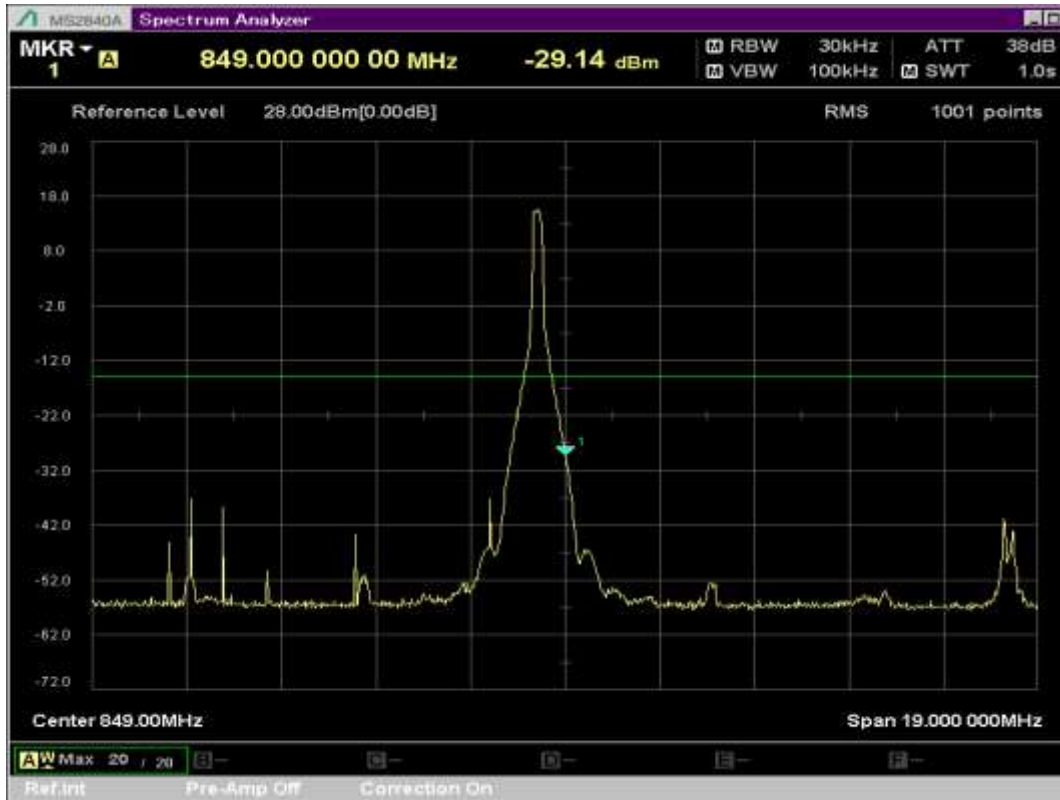
Upper Band Edge Plot (15 MHz, BPSK, FULL RB)



Upper Extended Band Edge Plot (15 MHz, BPSK, Full RB)



Upper Band Edge Plot (20 MHz, BPSK, 1 RB)



Upper Band Edge Plot (20 MHz, BPSK, FULL RB)

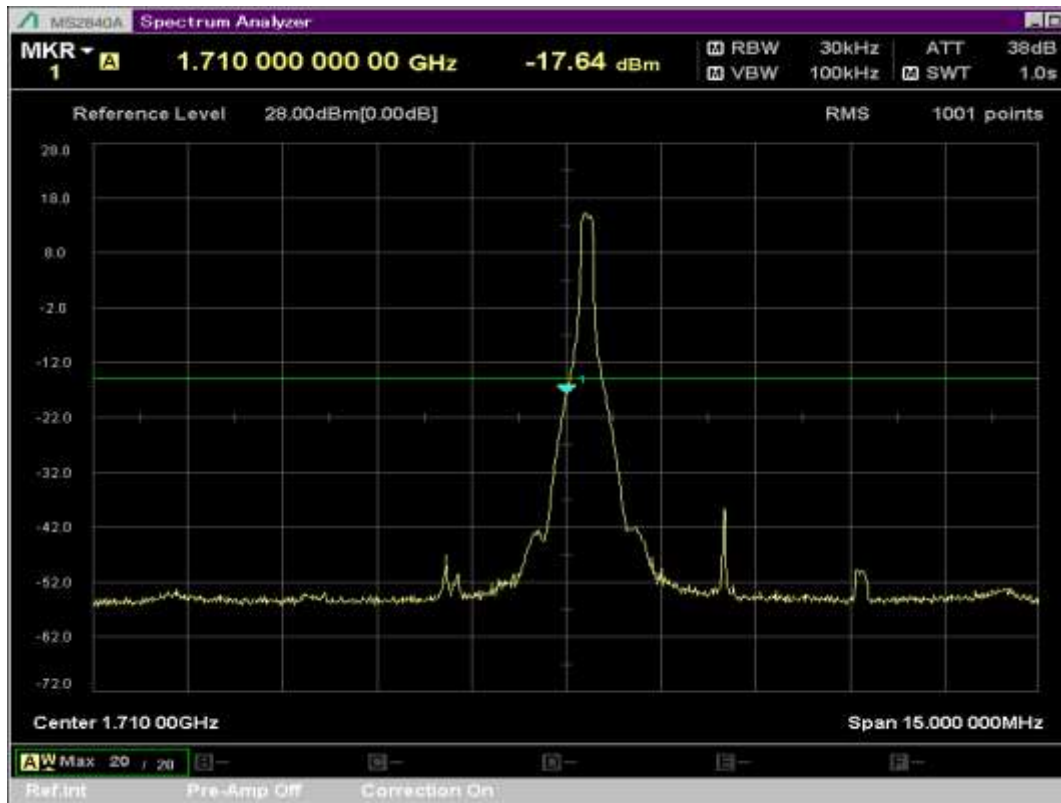


Upper Extended Band Edge Plot (20 MHz, BPSK, Full RB)



BAND 66

Lower Band Edge Plot (5 MHz, BPSK, 1 RB)



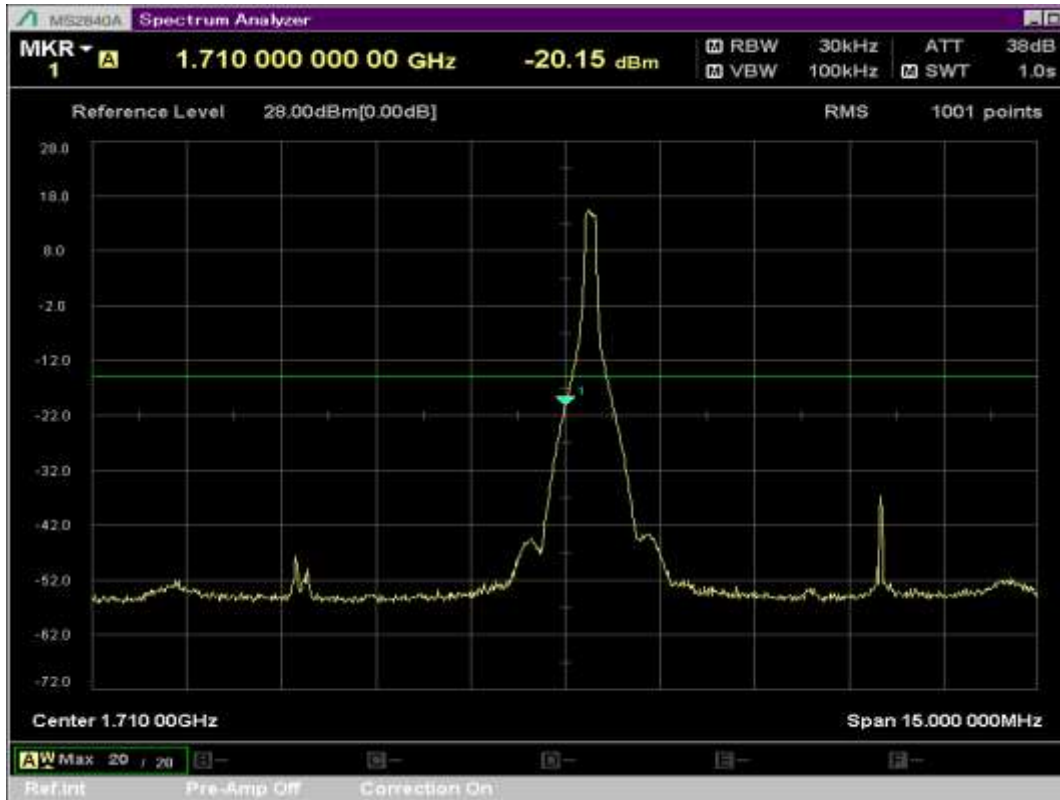
Lower Band Edge Plot (5 MHz, BPSK, FULL RB)



Lower Extended Band Edge Plot (5 MHz, BPSK, Full RB)



Lower Band Edge Plot (10 MHz, BPSK, 1 RB)



Lower Band Edge Plot (10 MHz, BPSK, FULL RB)



Lower Extended Band Edge Plot (10 MHz, BPSK, Full RB)



Lower Band Edge Plot (15 MHz, BPSK, 1 RB)



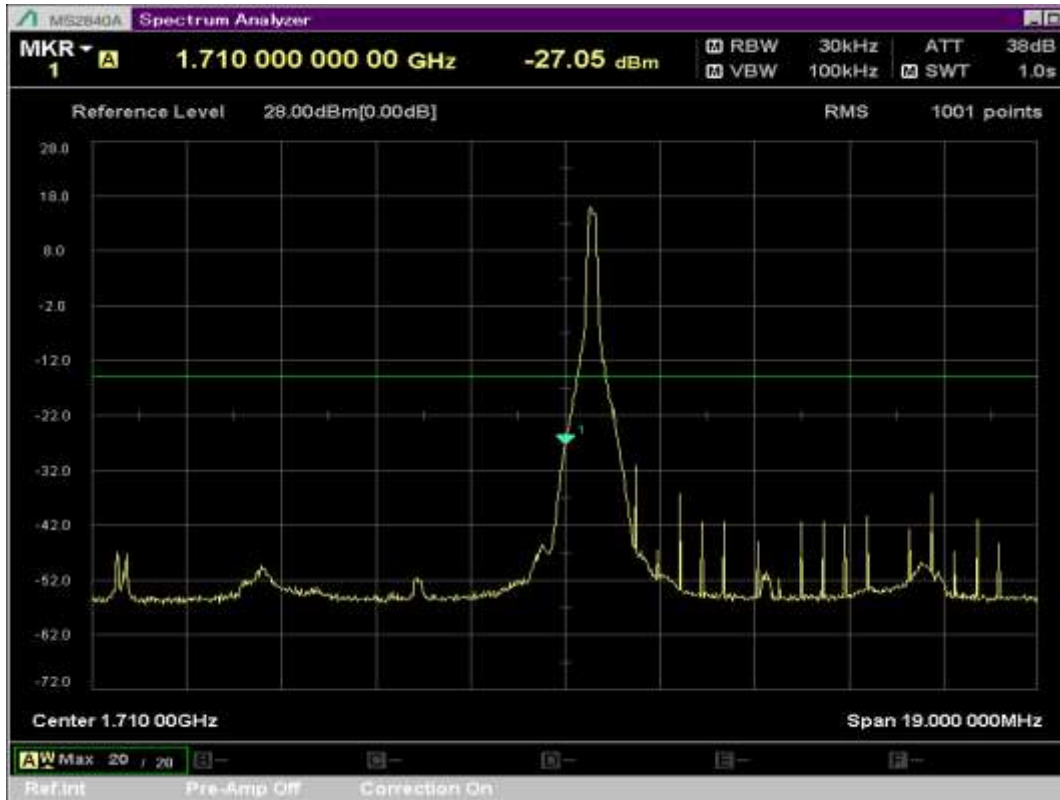
Lower Band Edge Plot (15 MHz, BPSK, FULL RB)



Lower Extended Band Edge Plot (15 MHz, BPSK, Full RB)



Lower Band Edge Plot (20 MHz, BPSK, 1 RB)



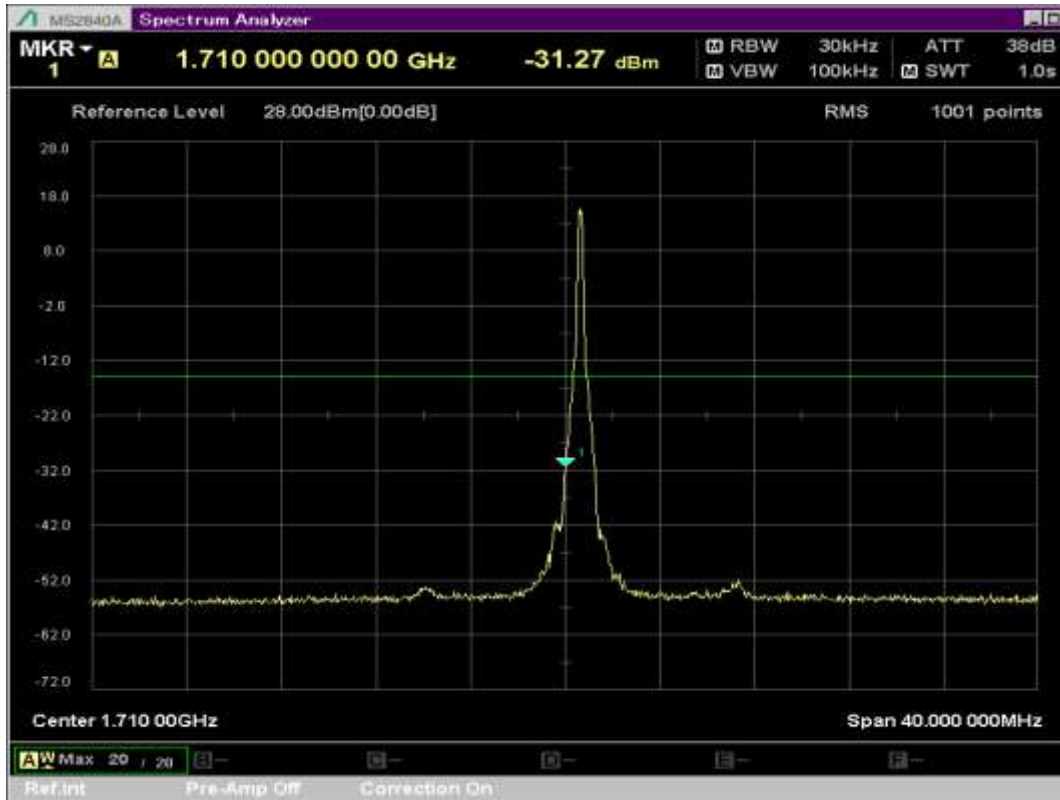
Lower Band Edge Plot (20 MHz, BPSK, FULL RB)



Lower Extended Band Edge Plot (20 MHz, BPSK, Full RB)



Lower Band Edge Plot (40 MHz, BPSK, 1 RB)



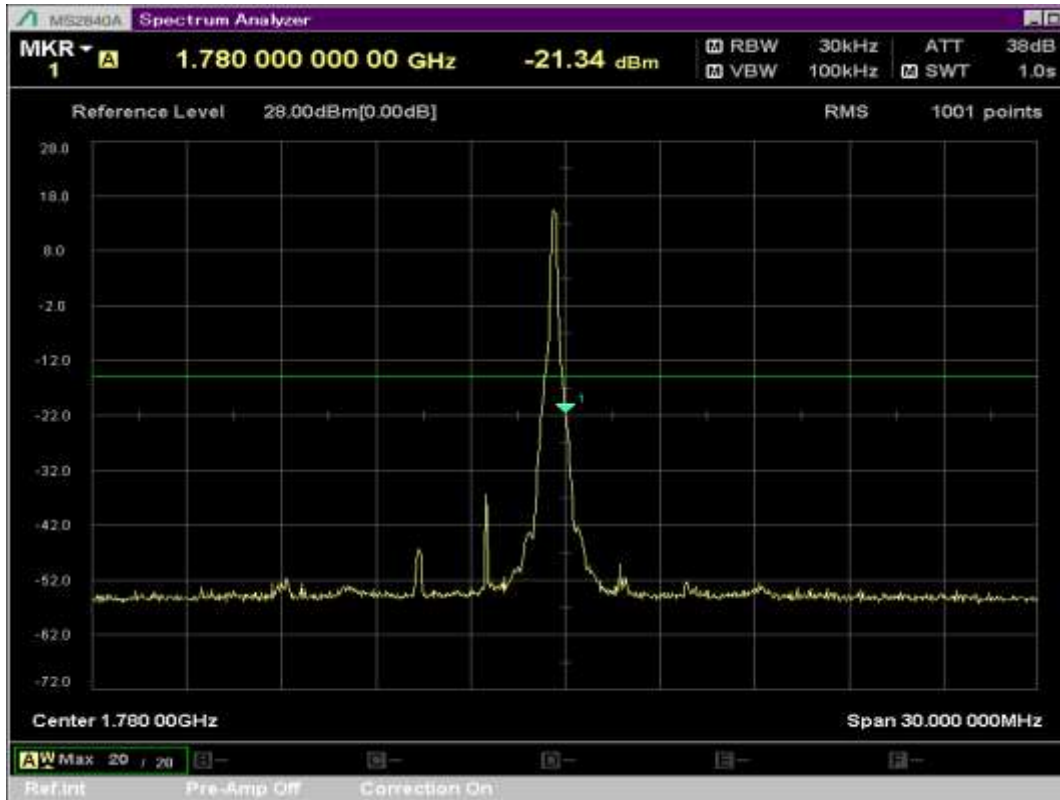
Lower Band Edge Plot (40 MHz, BPSK, FULL RB)



Lower Extended Band Edge Plot (40 MHz, BPSK, Full RB)



Upper Band Edge Plot (5 MHz, BPSK, 1 RB)



MS2640A Spectrum Analyzer

MKR 1 1.780 000 000 GHz -25.49 dBm

RBW 100kHz ATT 38dB
VBW 300kHz SWT 1.0s

Reference Level 28.00dBm[0.00dB] RMS 1001 points

Center 1.780 00GHz Span 19.000 000MHz

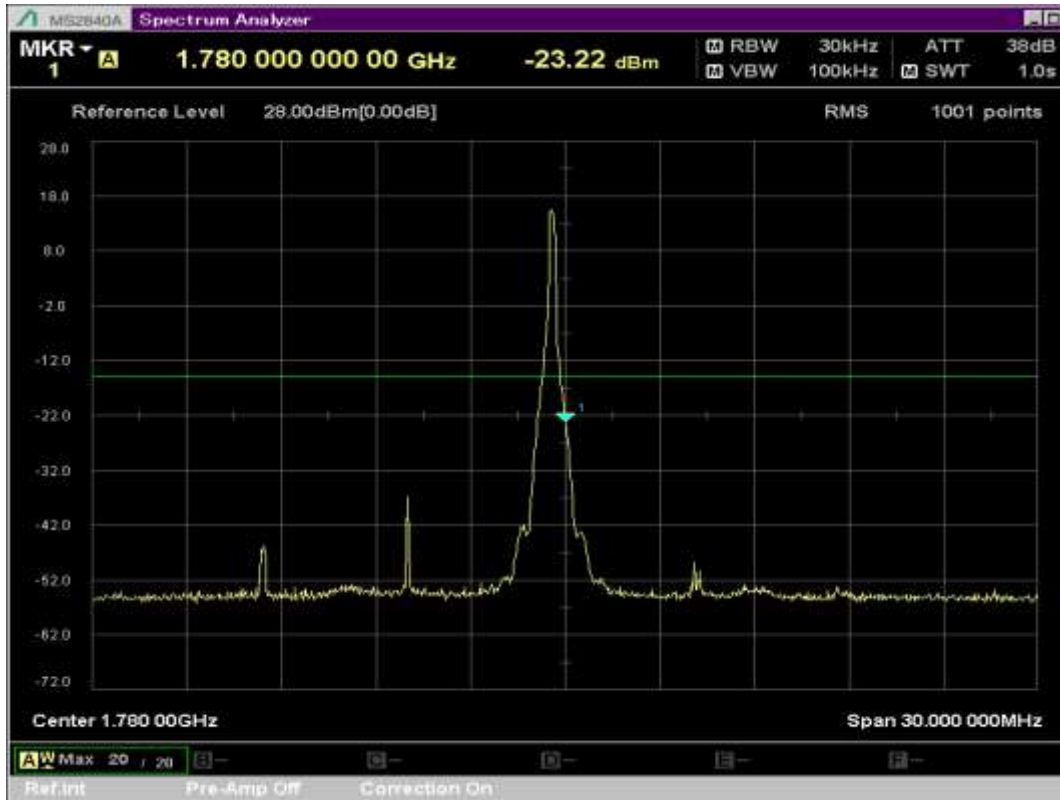
AW Max 20 / 20

Ref Int Pre-Amp Off Correction On

Upper Extended Band Edge Plot (5 MHz, BPSK, Full RB)



Upper Band Edge Plot (10 MHz, BPSK, 1 RB)



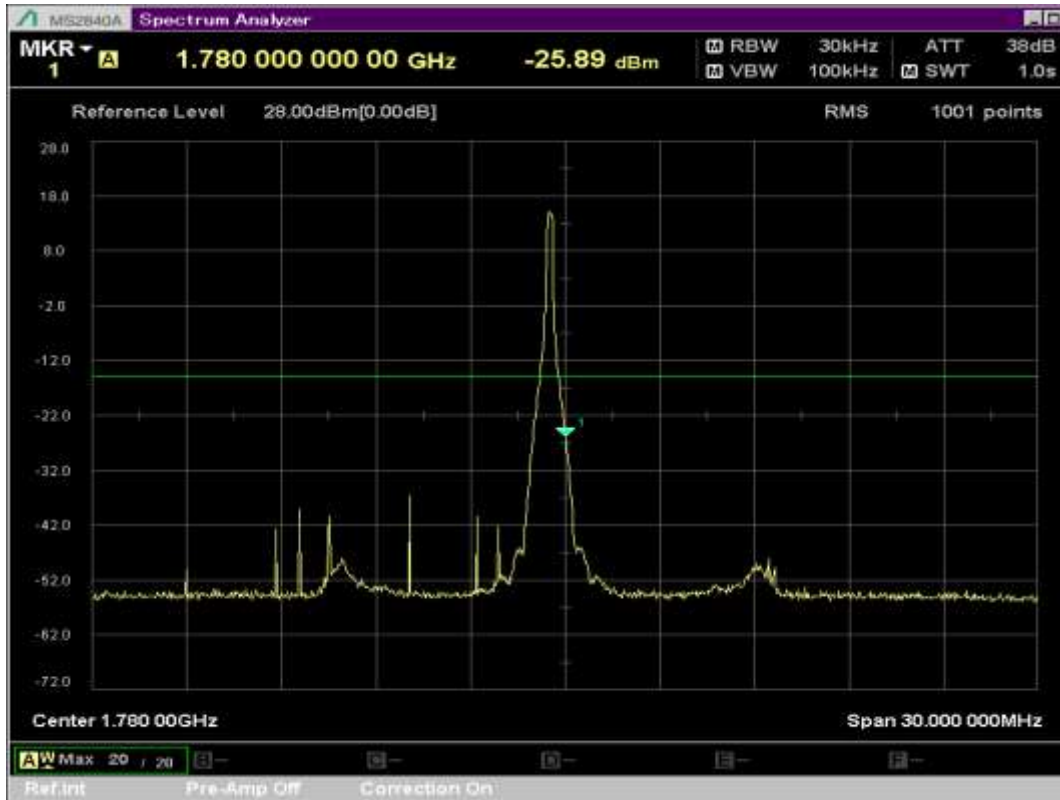
Upper Band Edge Plot (10 MHz, BPSK, FULL RB)



Upper Extended Band Edge Plot (10 MHz, BPSK, Full RB)



Upper Band Edge Plot (15 MHz, BPSK, 1 RB)



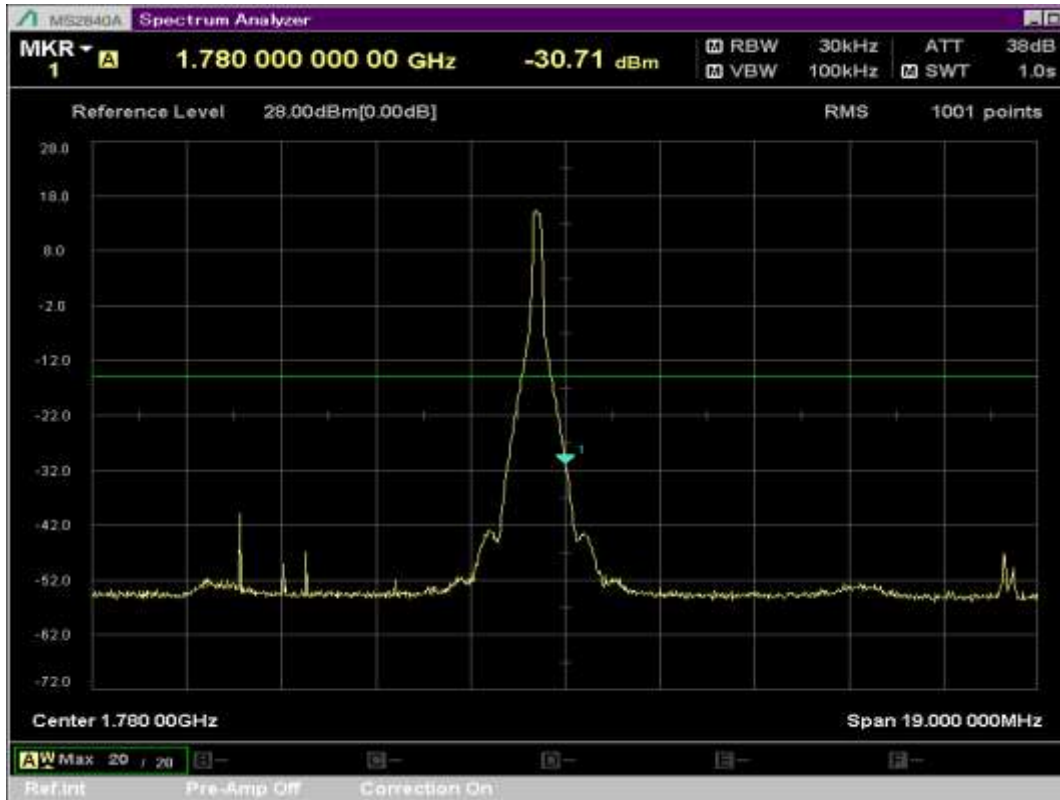
Upper Band Edge Plot (15 MHz, BPSK, FULL RB)



Upper Extended Band Edge Plot (15 MHz, BPSK, Full RB)



Upper Band Edge Plot (20 MHz, BPSK, 1 RB)



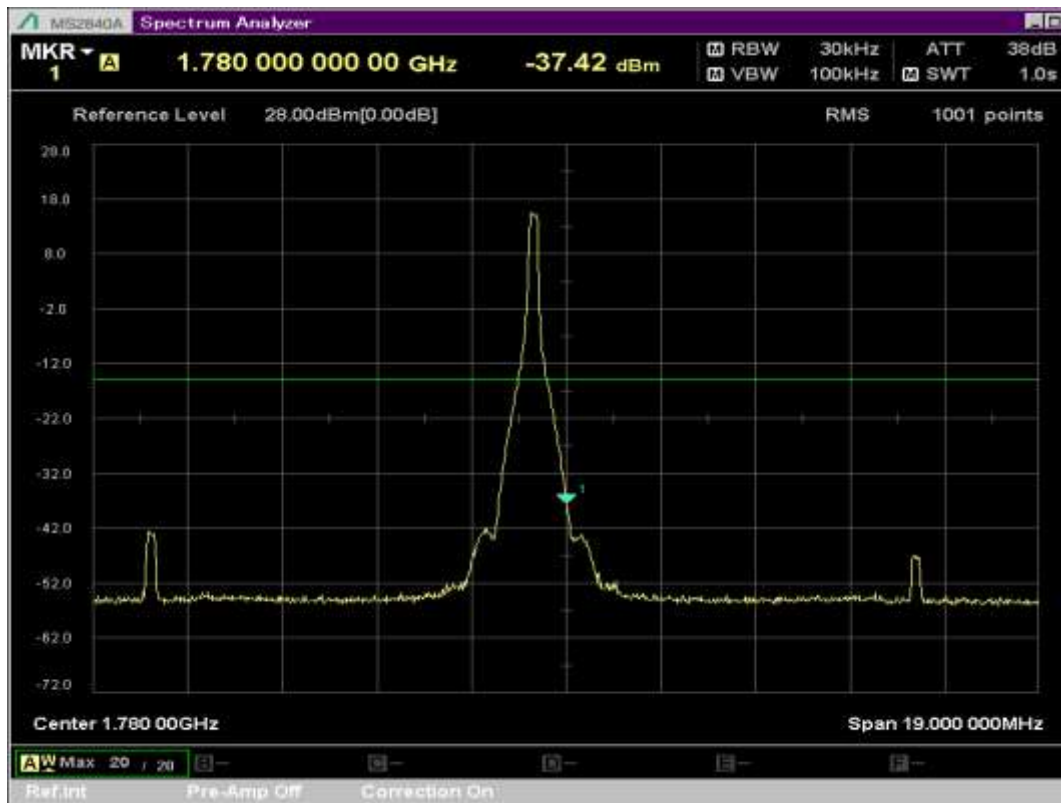
Upper Band Edge Plot (20 MHz, BPSK, FULL RB)



Upper Extended Band Edge Plot (20 MHz, BPSK, Full RB)



Upper Band Edge Plot (40 MHz, BPSK, 1 RB)



Upper Band Edge Plot (40 MHz, BPSK, FULL RB)



Upper Extended Band Edge Plot (40 MHz, BPSK, Full RB)



11.8 CONDUCTED SPURIOUS AND HARMONIC EMISSION

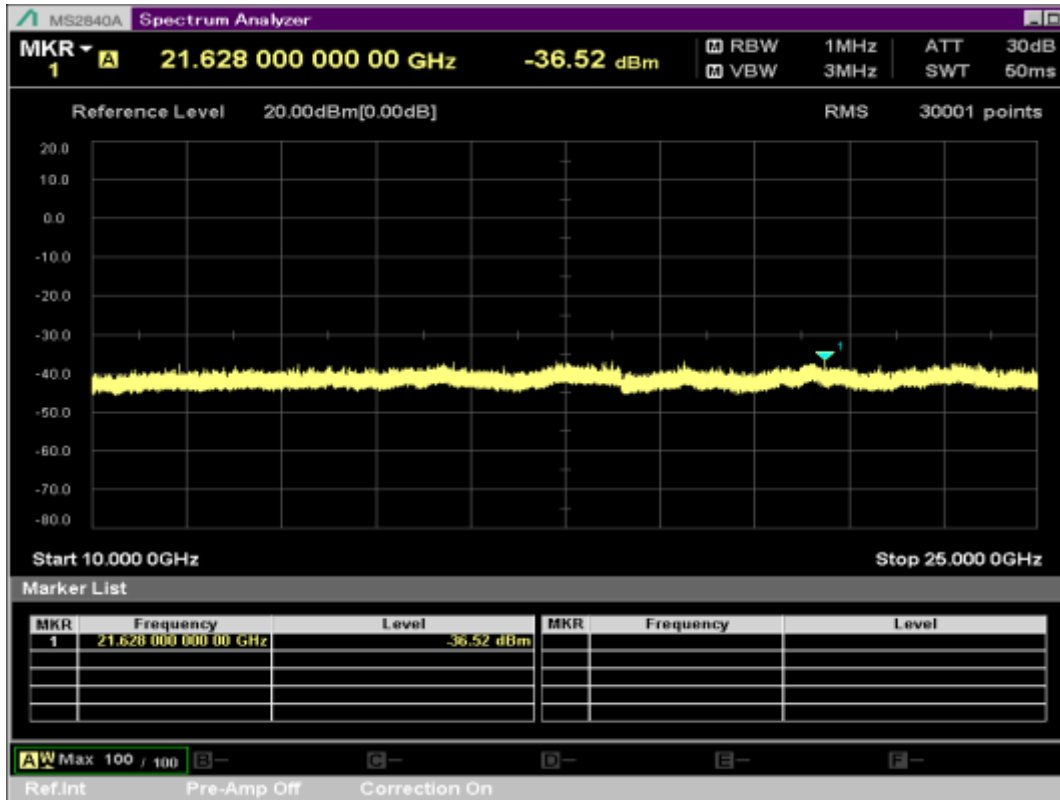
BAND	Band Width (MHz)	Frequency	Measurement Data (dBm)	Limit (dBm)	Margin
2	5	Low	-25.83	-13.00	12.83
		Mid	-27.00	-13.00	14.00
		High	-25.28	-13.00	12.28
	10	Low	-27.25	-13.00	14.25
		Mid	-26.57	-13.00	13.57
		High	-26.98	-13.00	13.98
	15	Low	-26.47	-13.00	13.47
		Mid	-25.65	-13.00	12.65
		High	-27.01	-13.00	14.01
	20	Low	-26.12	-13.00	13.12
		Mid	-27.00	-13.00	14.00
		High	-26.82	-13.00	13.82
5	5	Low	-25.84	-13.00	12.84
		Mid	-26.70	-13.00	13.70
		High	-26.98	-13.00	13.98
	10	Low	-27.09	-13.00	14.09
		Mid	-26.58	-13.00	13.58
		High	-26.61	-13.00	13.61
	15	Low	-27.05	-13.00	14.05
		Mid	-27.11	-13.00	14.11
		High	-25.86	-13.00	12.86
	20	Low	-27.09	-13.00	14.09
		Mid	-26.68	-13.00	13.68
		High	-26.95	-13.00	13.95
66	5	Low	-27.00	-13.00	14.00
		Mid	-26.83	-13.00	13.83
		High	-27.45	-13.00	14.45
	10	Low	-26.92	-13.00	13.92
		Mid	-27.09	-13.00	14.09
		High	-26.45	-13.00	13.45
	15	Low	-26.66	-13.00	13.66
		Mid	-27.13	-13.00	14.13
		High	-26.85	-13.00	13.85
	20	Low	-26.33	-13.00	13.33
		Mid	-26.30	-13.00	13.30
		High	-26.47	-13.00	13.47
	40	Low	-25.63	-13.00	12.63
		High	-26.30	-13.00	13.30

BAND 2

Spurious Plot (5 MHz, BPSK, 1 RB, Low Channel)



Spurious Plot (5 MHz, BPSK, 1 RB, Low Channel)



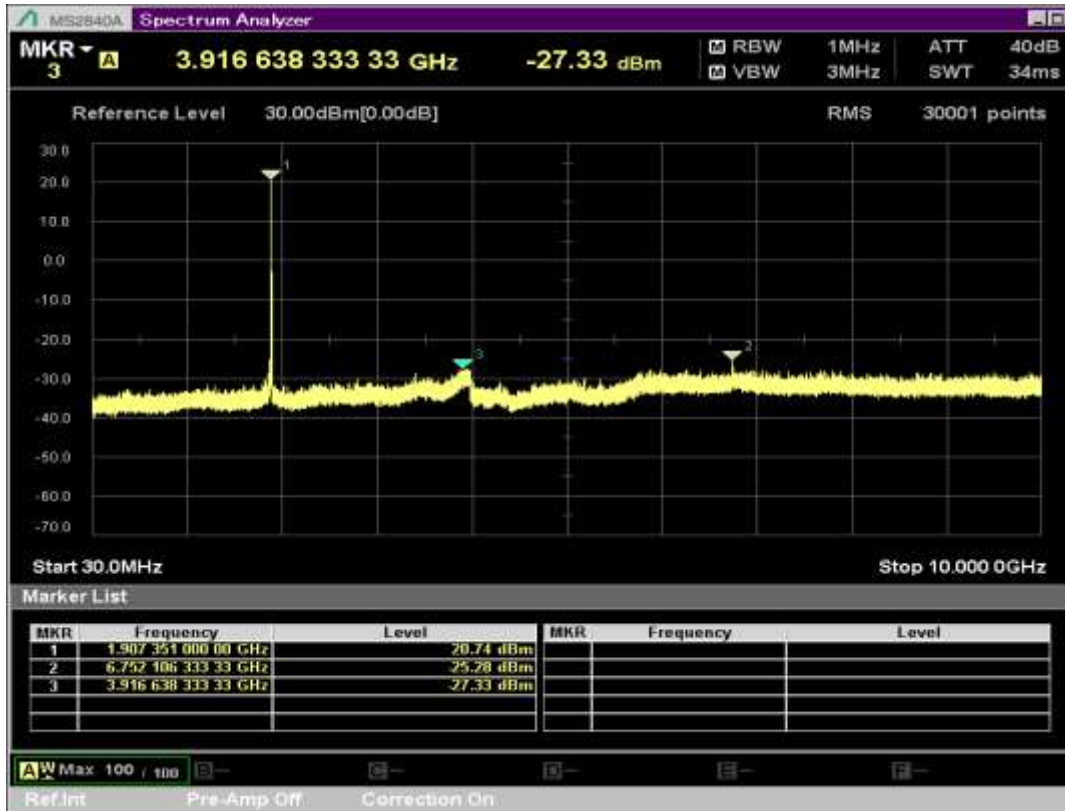
Spurious Plot (5 MHz, BPSK, 1 RB, Mid Channel)



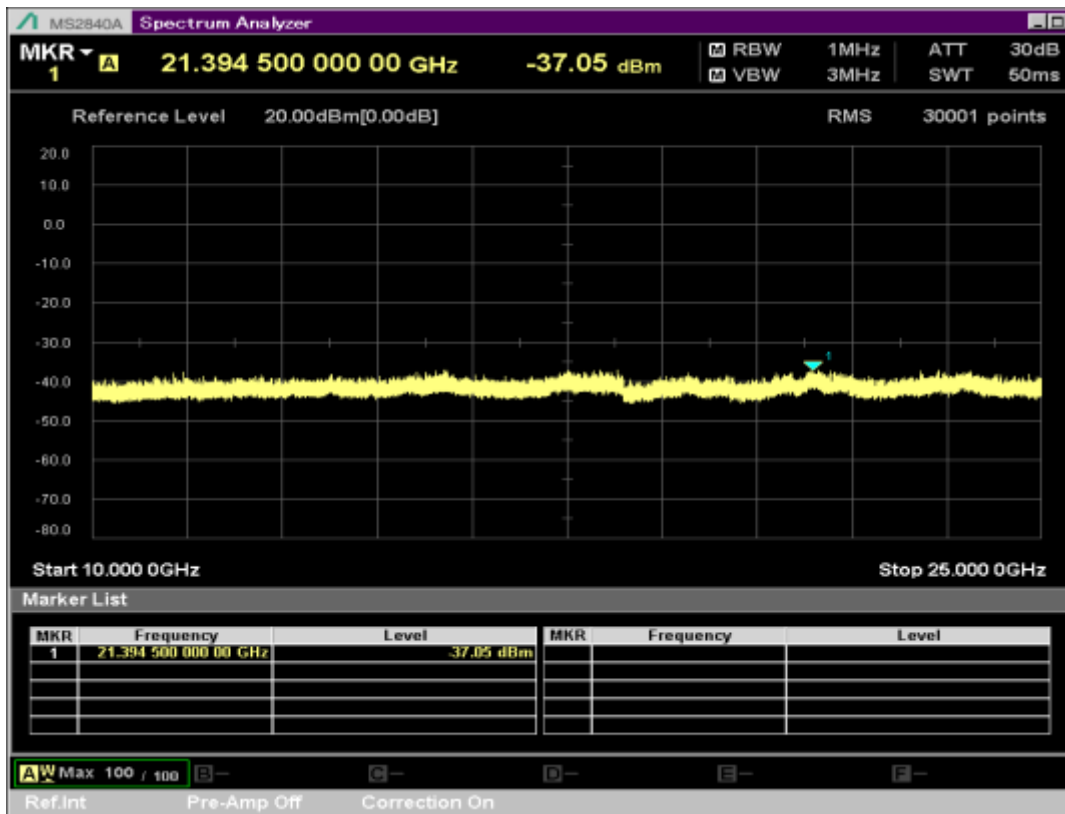
Spurious Plot (5 MHz, BPSK, 1 RB, Mid Channel)



Spurious Plot (5 MHz, BPSK, 1 RB, High Channel)



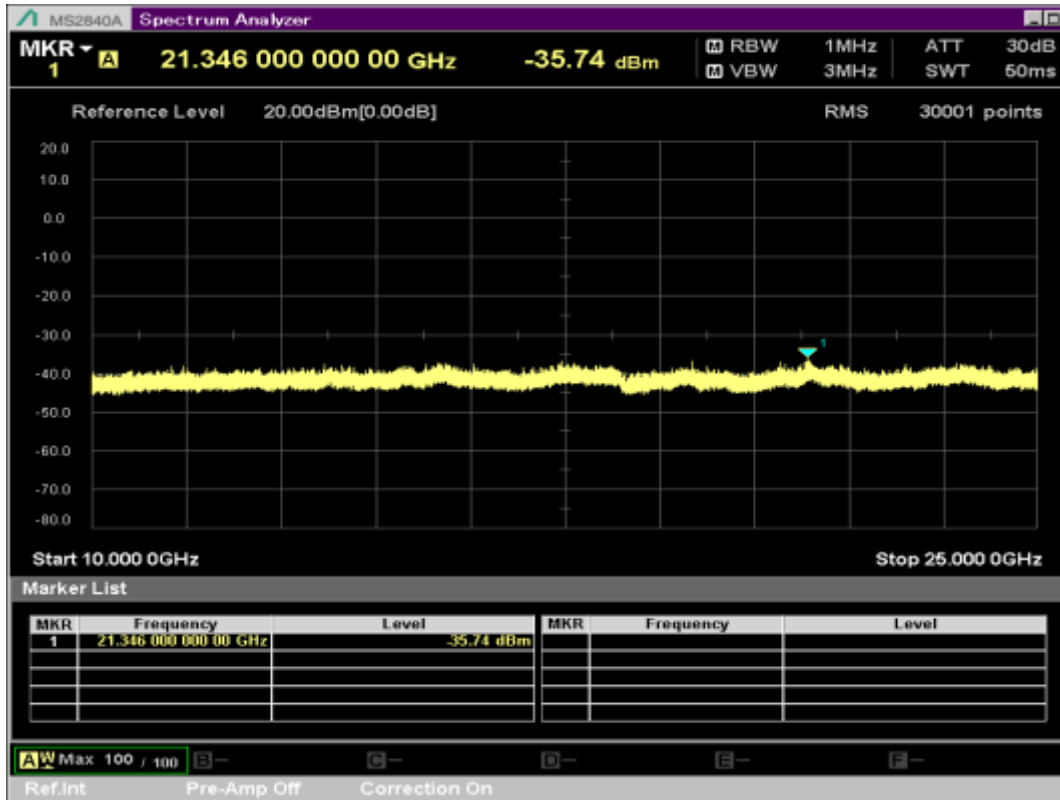
Spurious Plot (5 MHz, BPSK, 1 RB, High Channel)



Spurious Plot (10 MHz, BPSK, 1 RB, Low Channel)



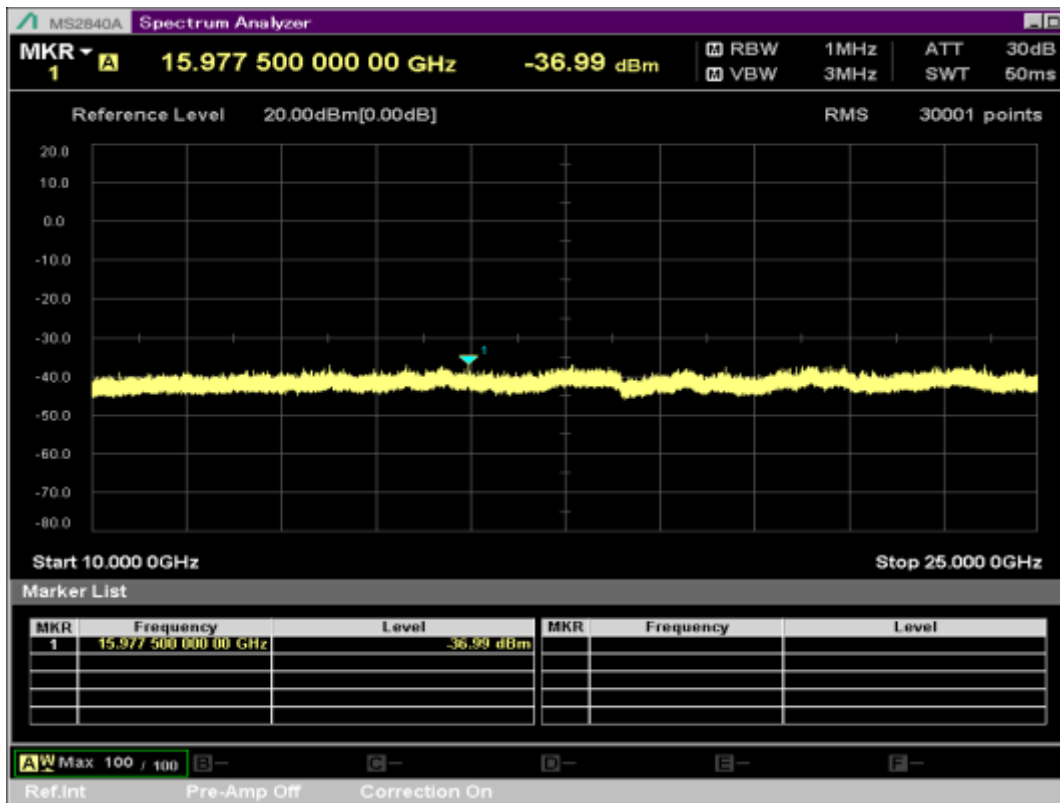
Spurious Plot (10 MHz, BPSK, 1 RB, Low Channel)



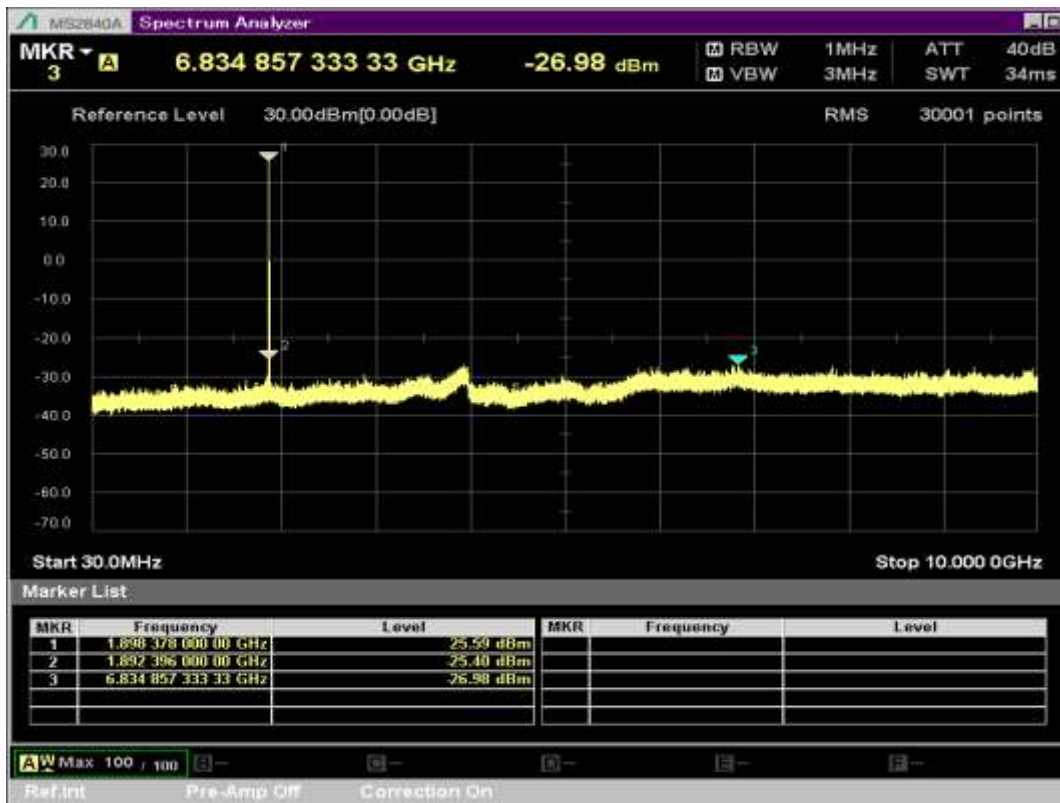
Spurious Plot (10 MHz, BPSK, 1 RB, Mid Channel)



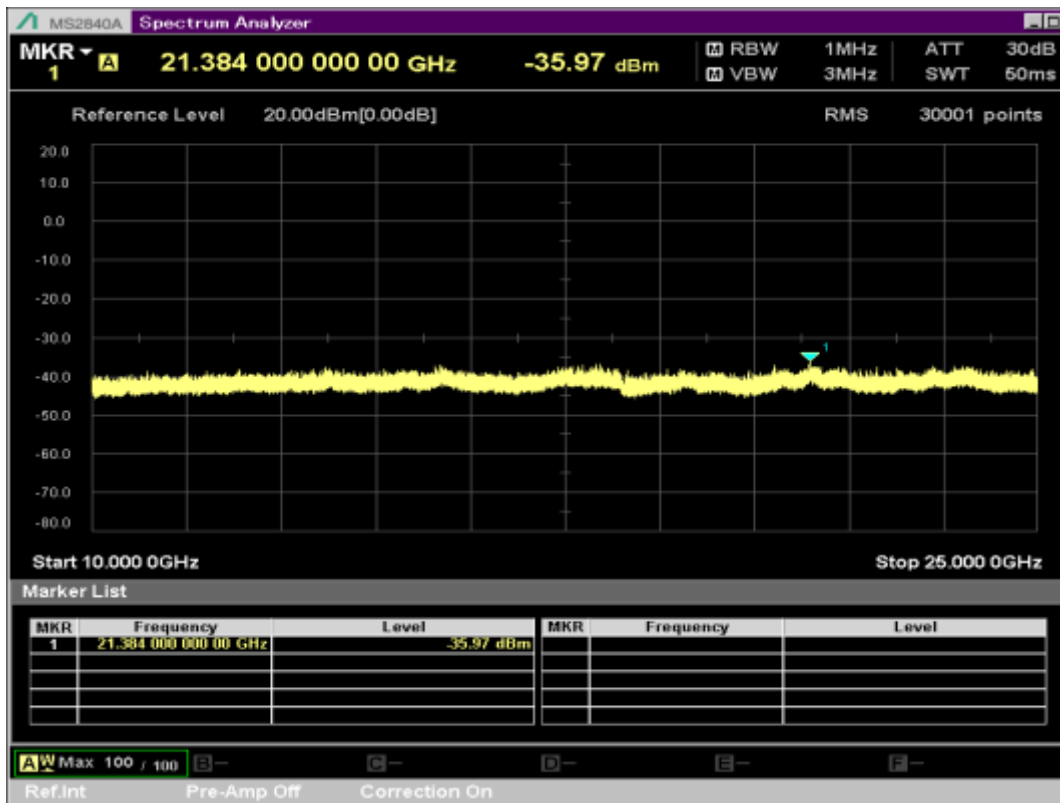
Spurious Plot (10 MHz, BPSK, 1 RB, Mid Channel)



Spurious Plot (10 MHz, BPSK, 1 RB, High Channel)



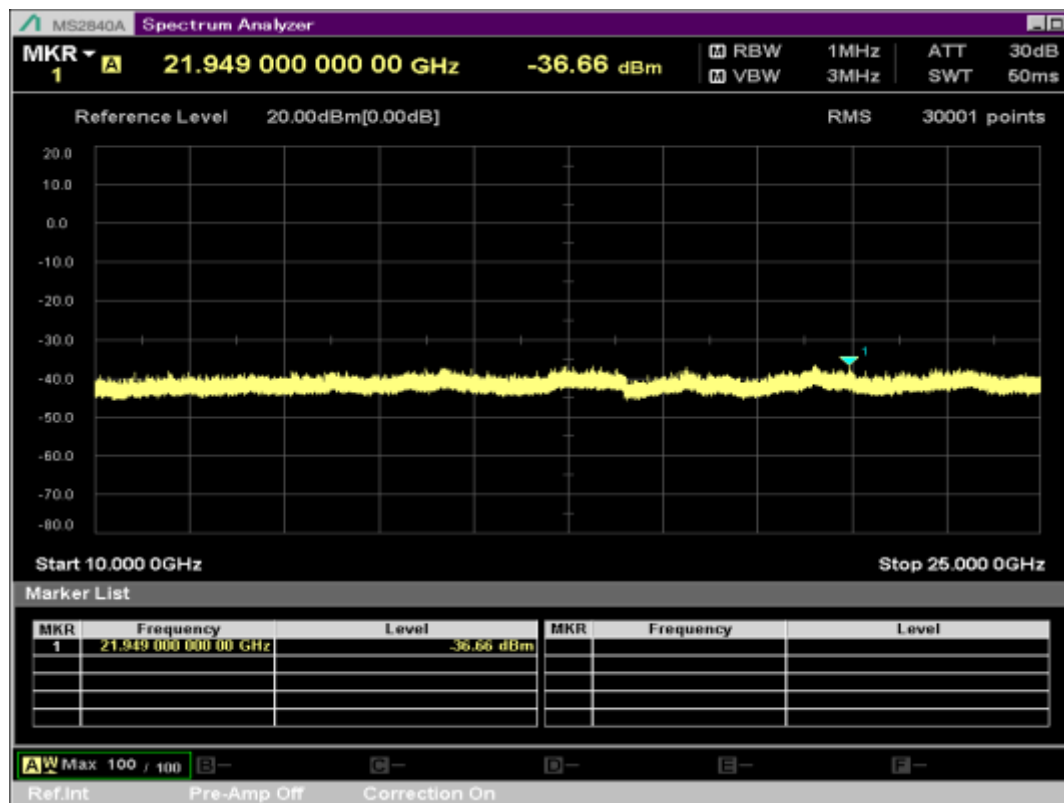
Spurious Plot (10 MHz, BPSK, 1 RB, High Channel)



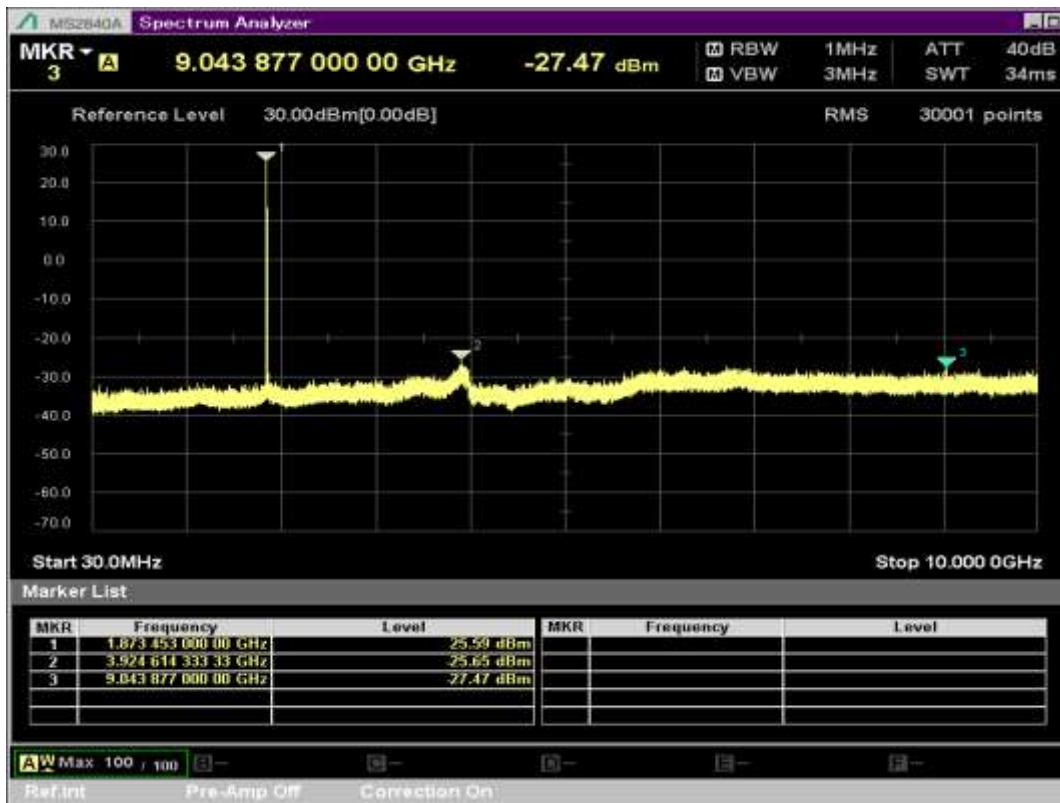
Spurious Plot (15 MHz, BPSK, 1 RB, Low Channel)



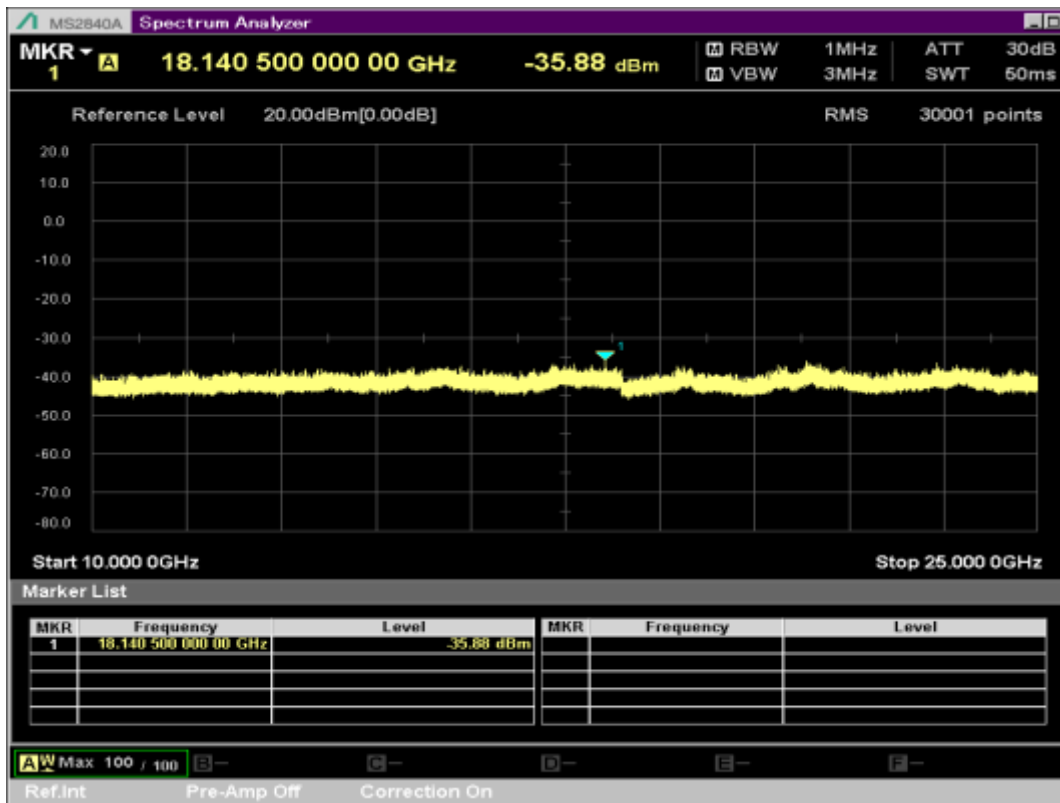
Spurious Plot (15 MHz, BPSK, 1 RB, Low Channel)



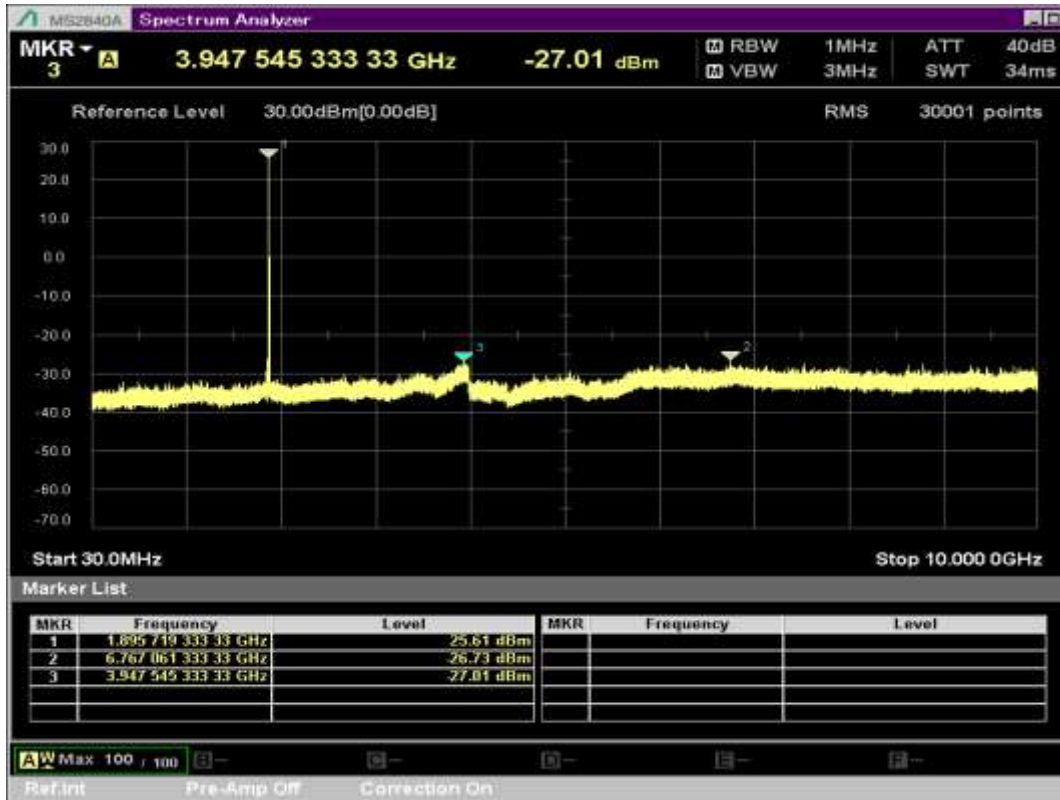
Spurious Plot (15 MHz, BPSK, 1 RB, Mid Channel)



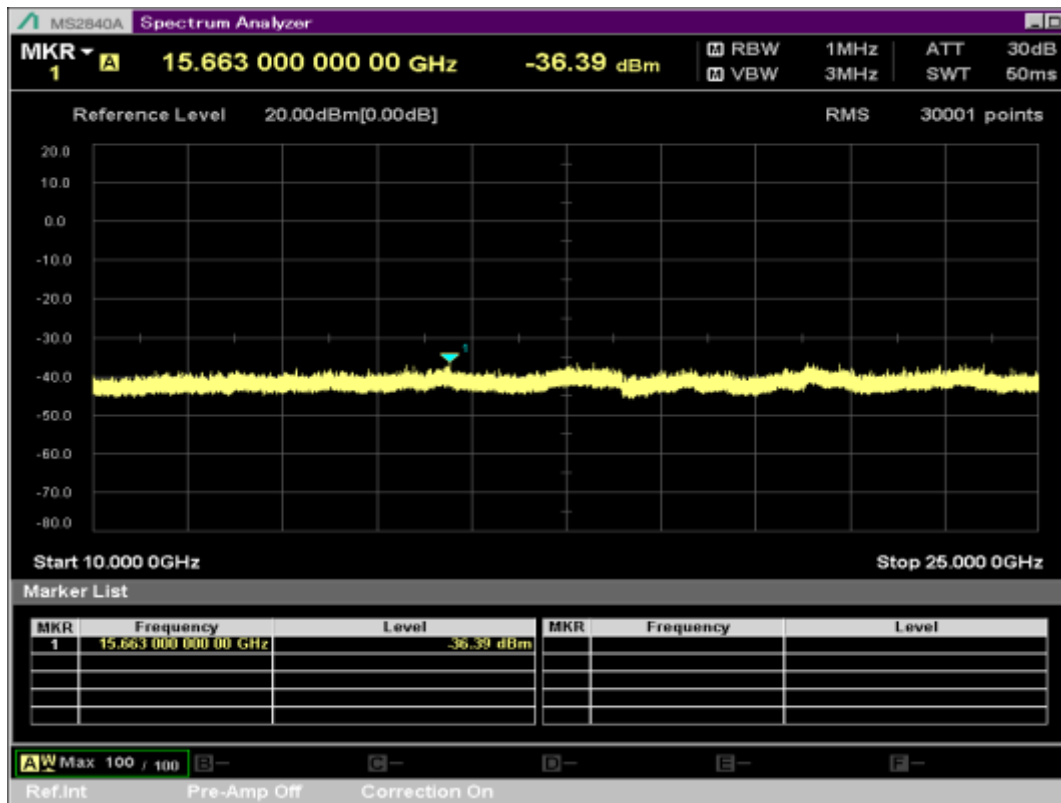
Spurious Plot (15 MHz, BPSK, 1 RB, Mid Channel)



Spurious Plot (15 MHz, BPSK, 1 RB, High Channel)



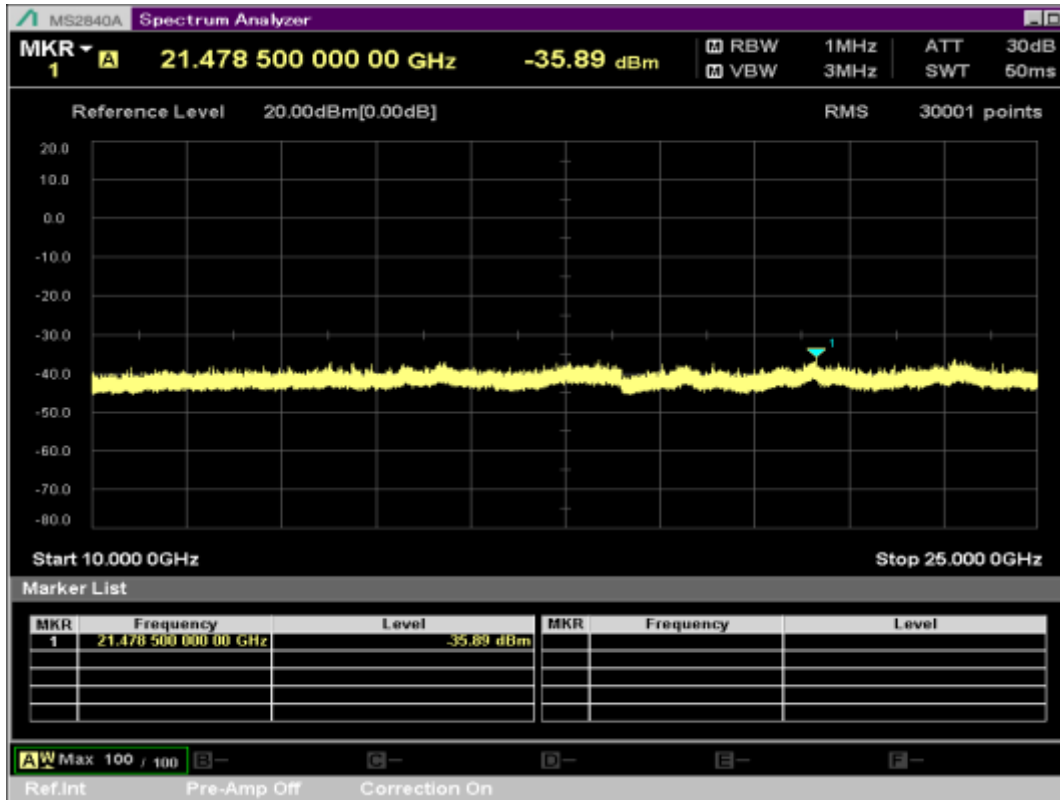
Spurious Plot (15 MHz, BPSK, 1 RB, High Channel)



Spurious Plot (20 MHz, BPSK, 1 RB, Low Channel)



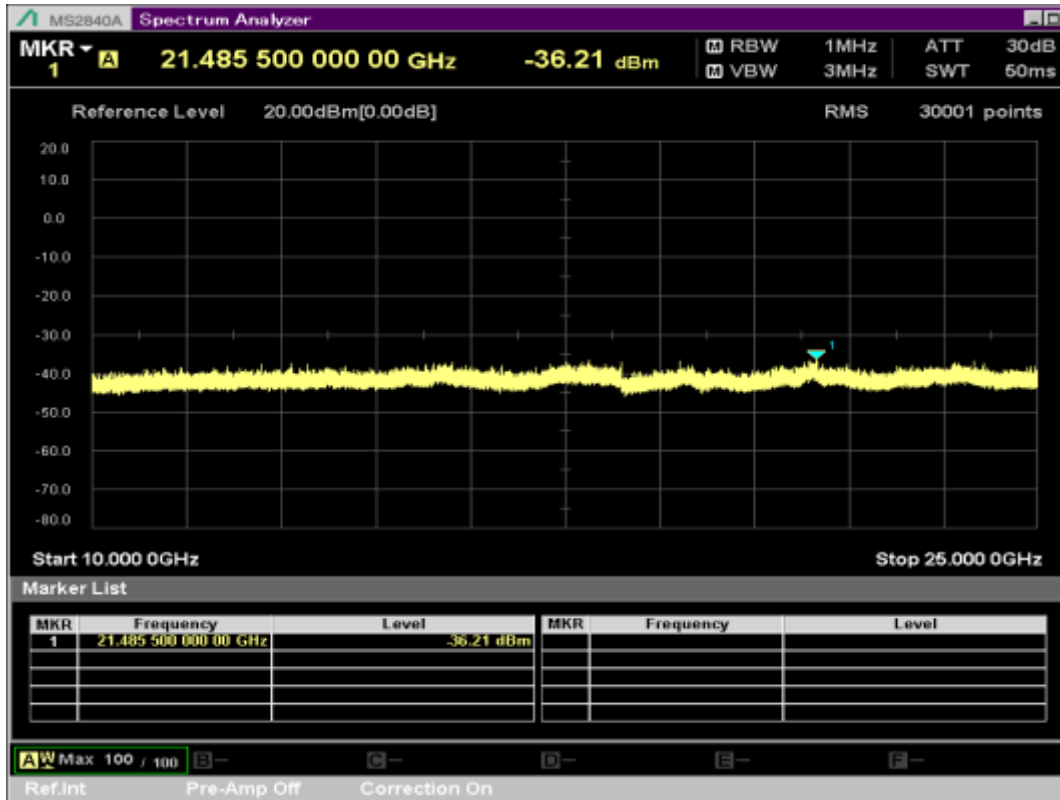
Spurious Plot (20 MHz, BPSK, 1 RB, Low Channel)



Spurious Plot (20 MHz, BPSK, 1 RB, Mid Channel)



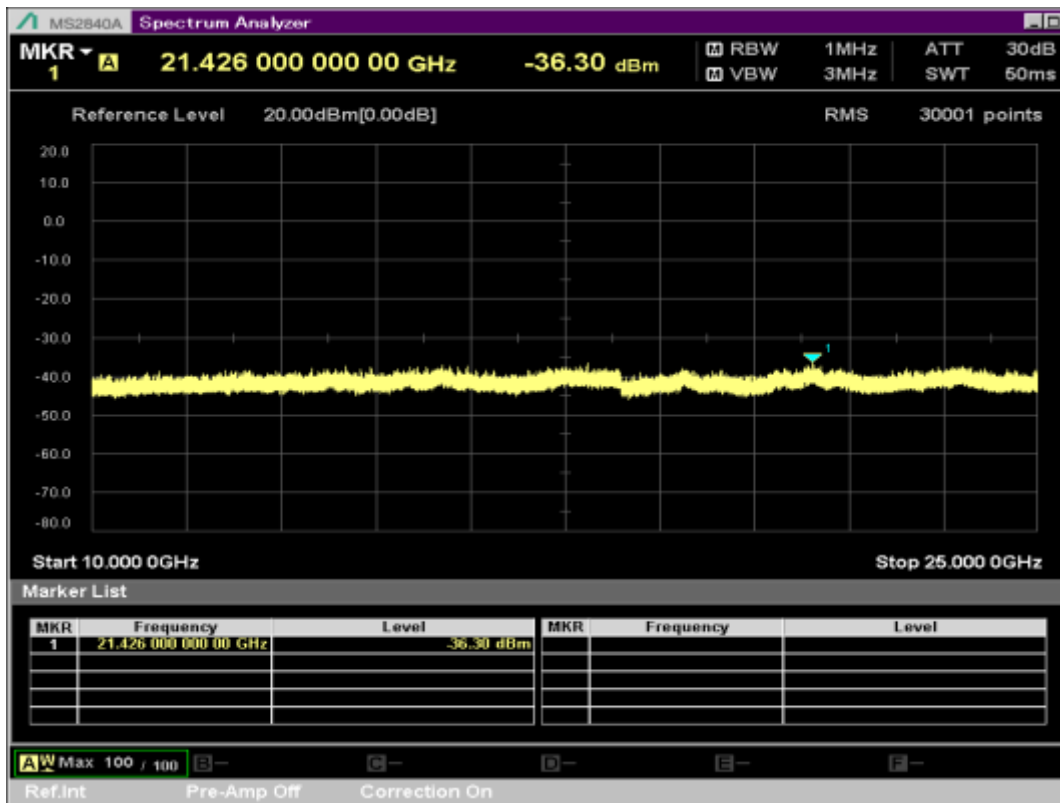
Spurious Plot (20 MHz, BPSK, 1 RB, Mid Channel)



Spurious Plot (20 MHz, BPSK, 1 RB, High Channel)



Spurious Plot (20 MHz, BPSK, 1 RB, High Channel)

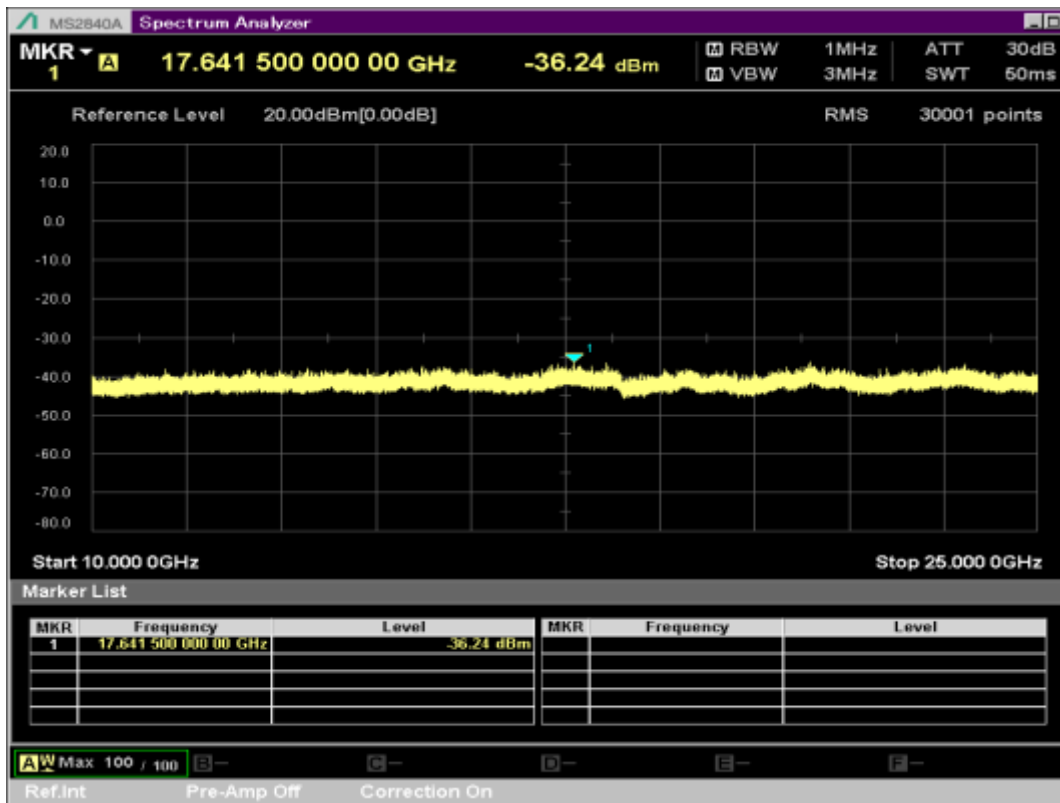


BAND 5

Spurious Plot (5 MHz, BPSK, 1 RB, Low Channel)



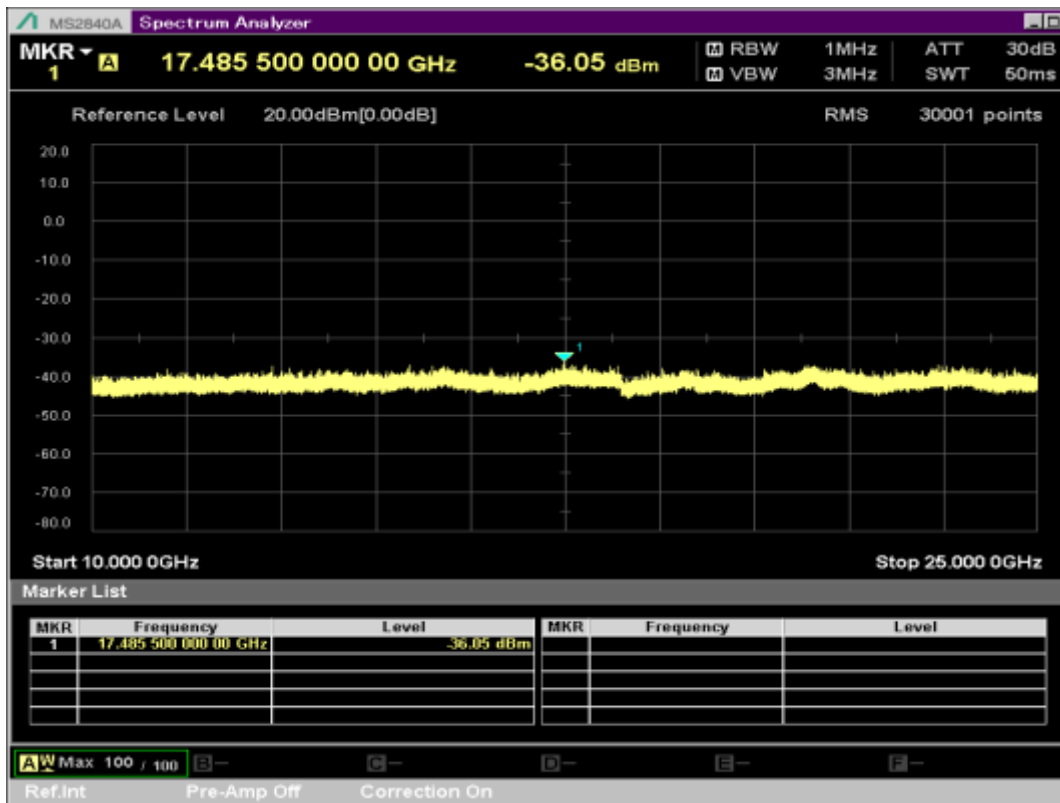
Spurious Plot (5 MHz, BPSK, 1 RB, Low Channel)



Spurious Plot (5 MHz, BPSK, 1 RB, Mid Channel)



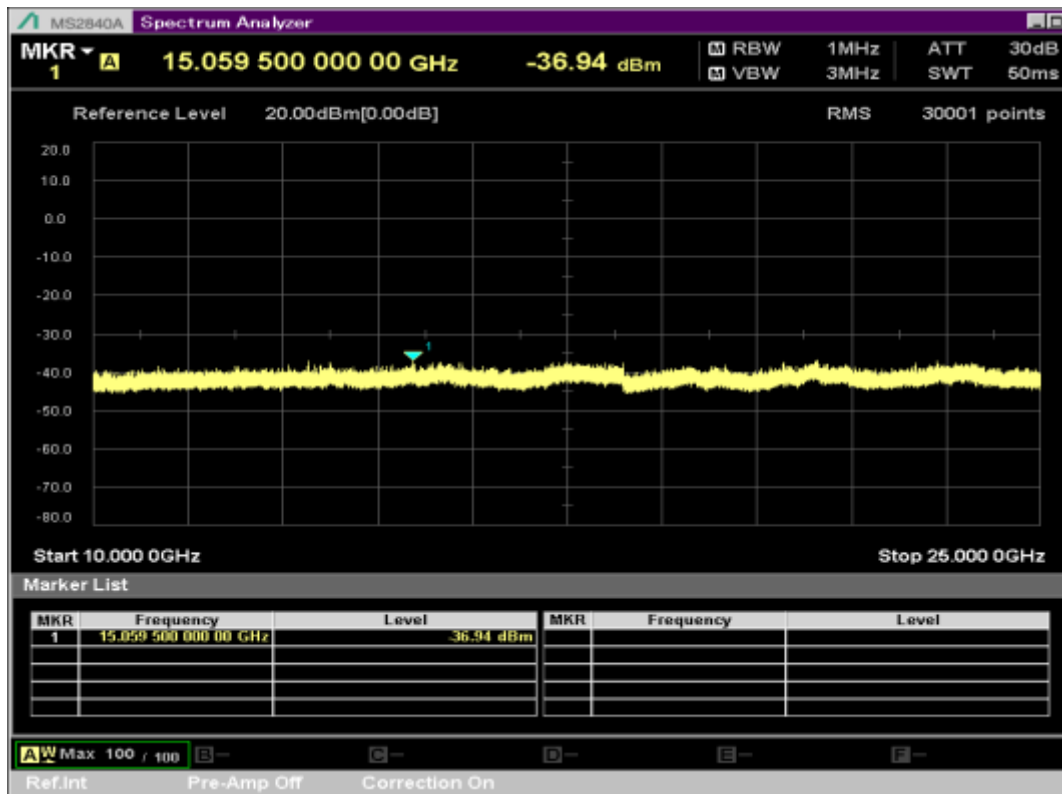
Spurious Plot (5 MHz, BPSK, 1 RB, Mid Channel)



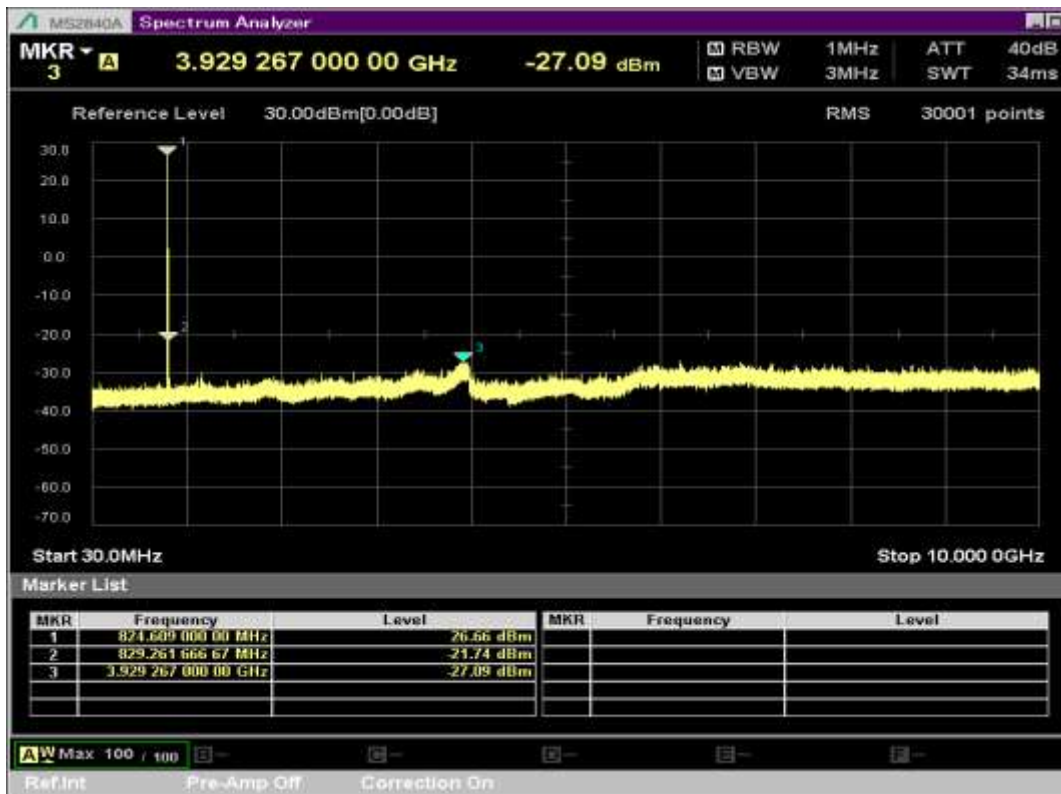
Spurious Plot (5 MHz, BPSK, 1 RB, High Channel)



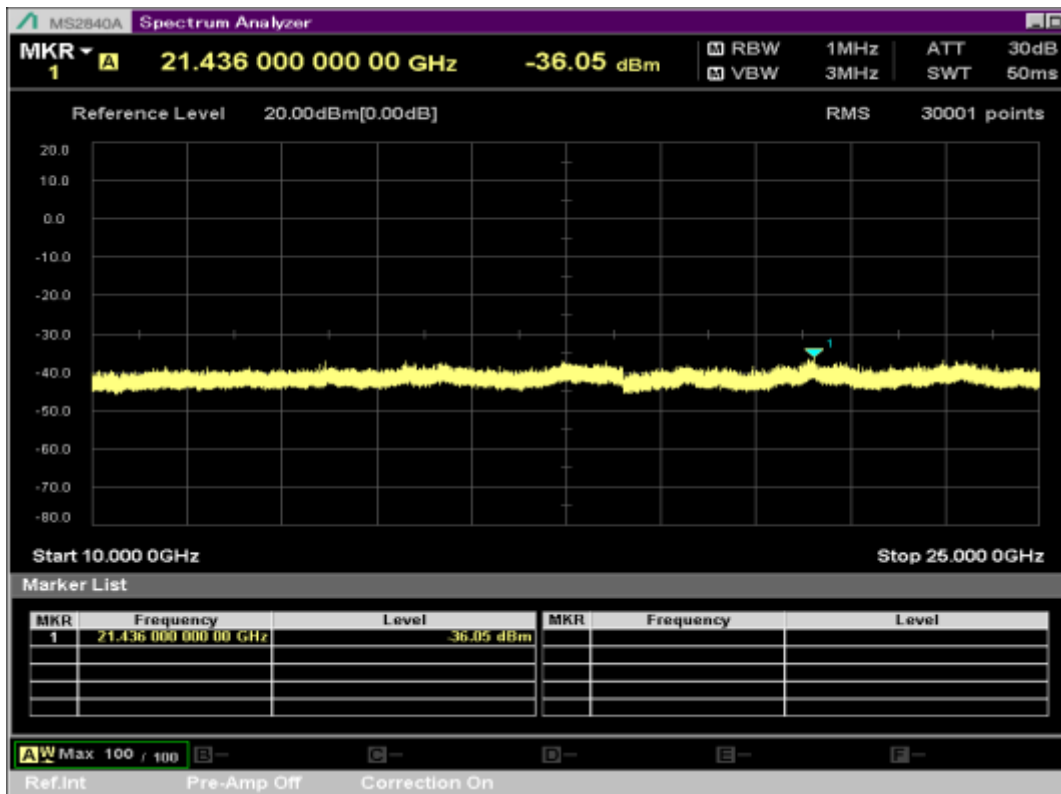
Spurious Plot (5 MHz, BPSK, 1 RB, High Channel)



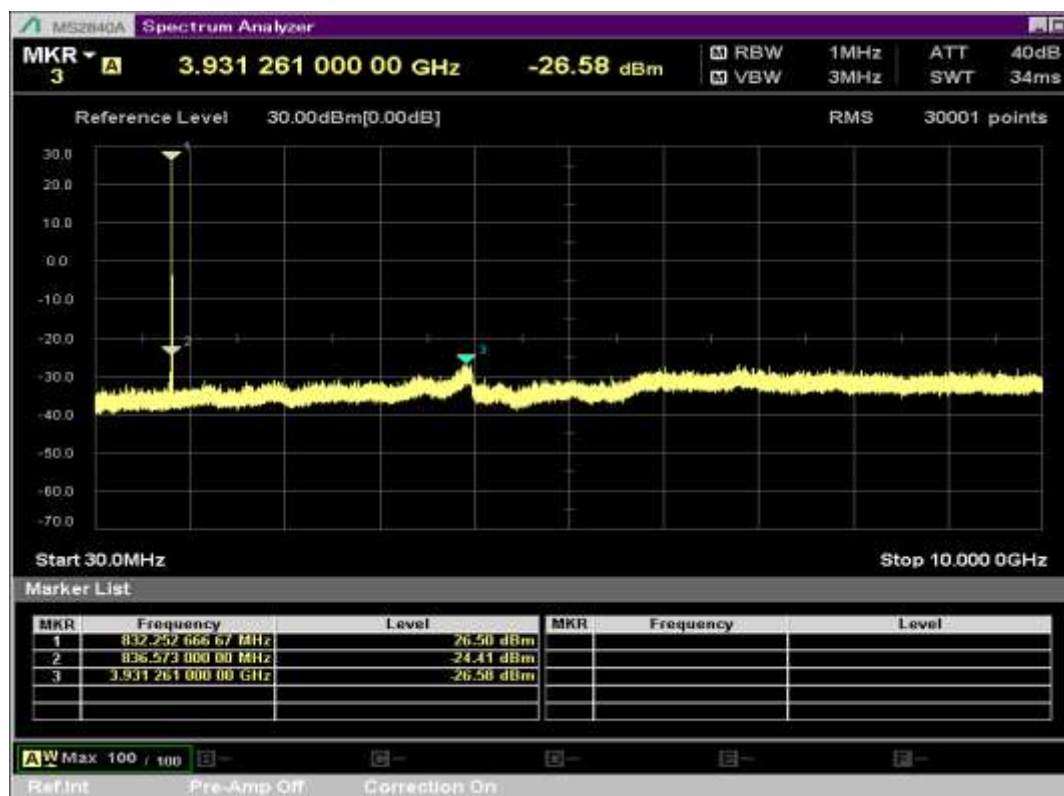
Spurious Plot (10 MHz, BPSK, 1 RB, Low Channel)



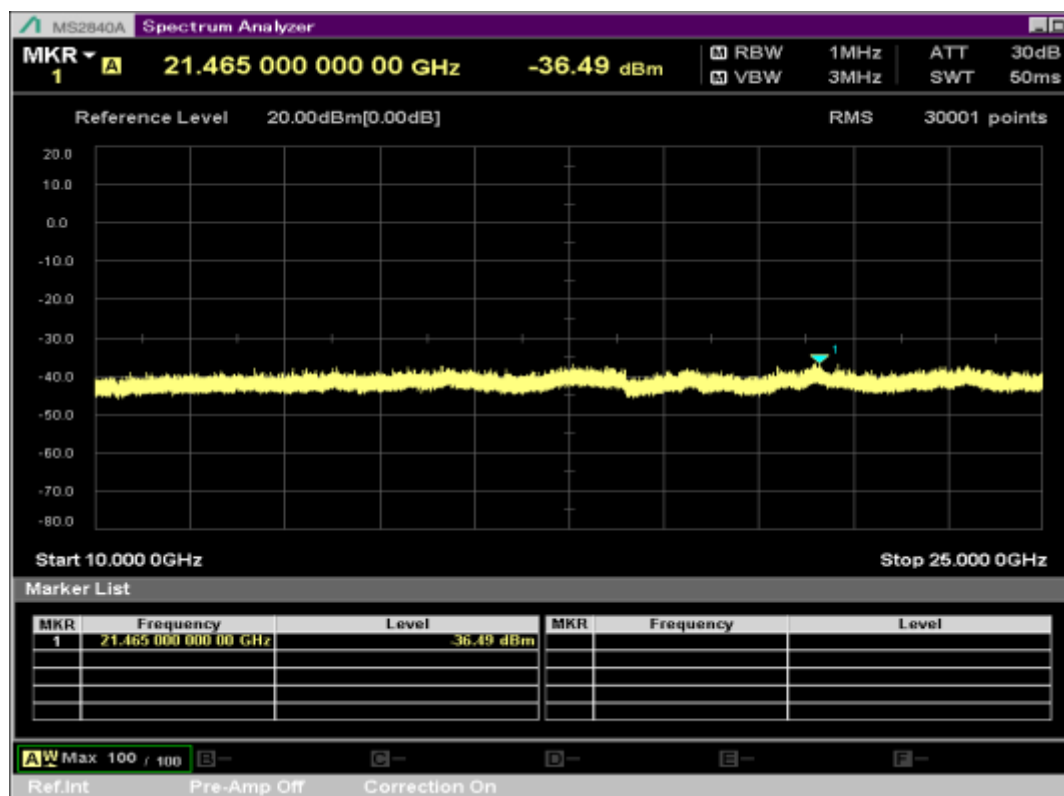
Spurious Plot (10 MHz, BPSK, 1 RB, Low Channel)



Spurious Plot (10 MHz, BPSK, 1 RB, Mid Channel)



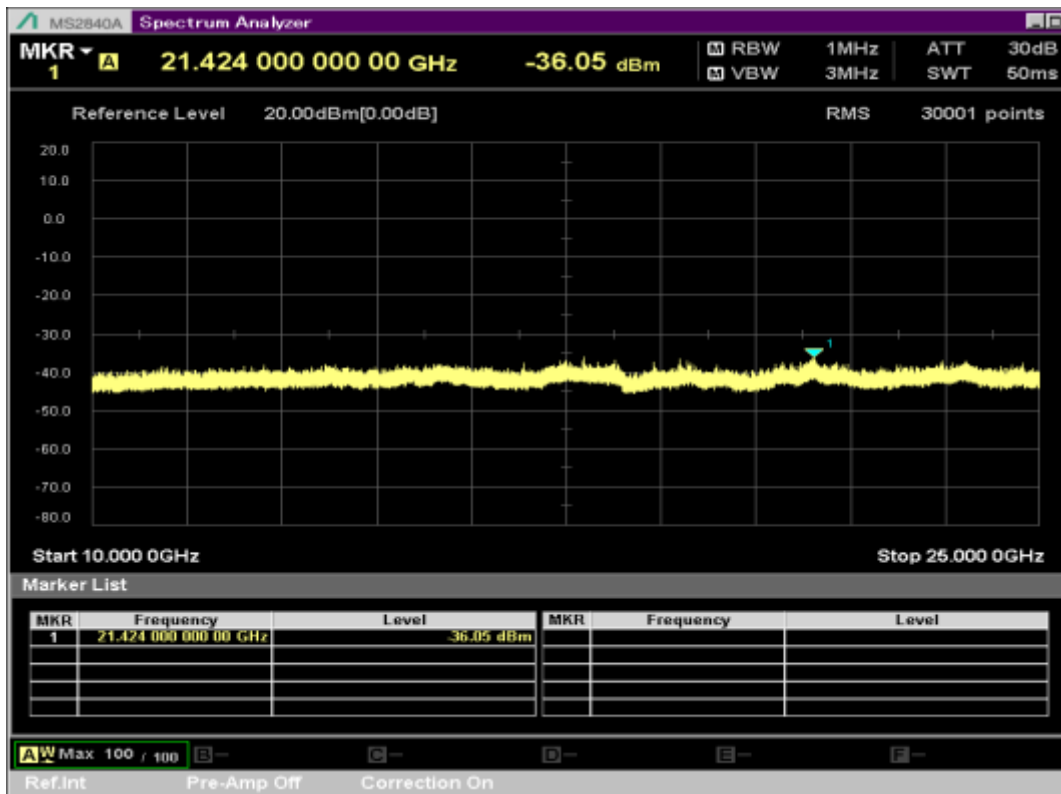
Spurious Plot (10 MHz, BPSK, 1 RB, Mid Channel)



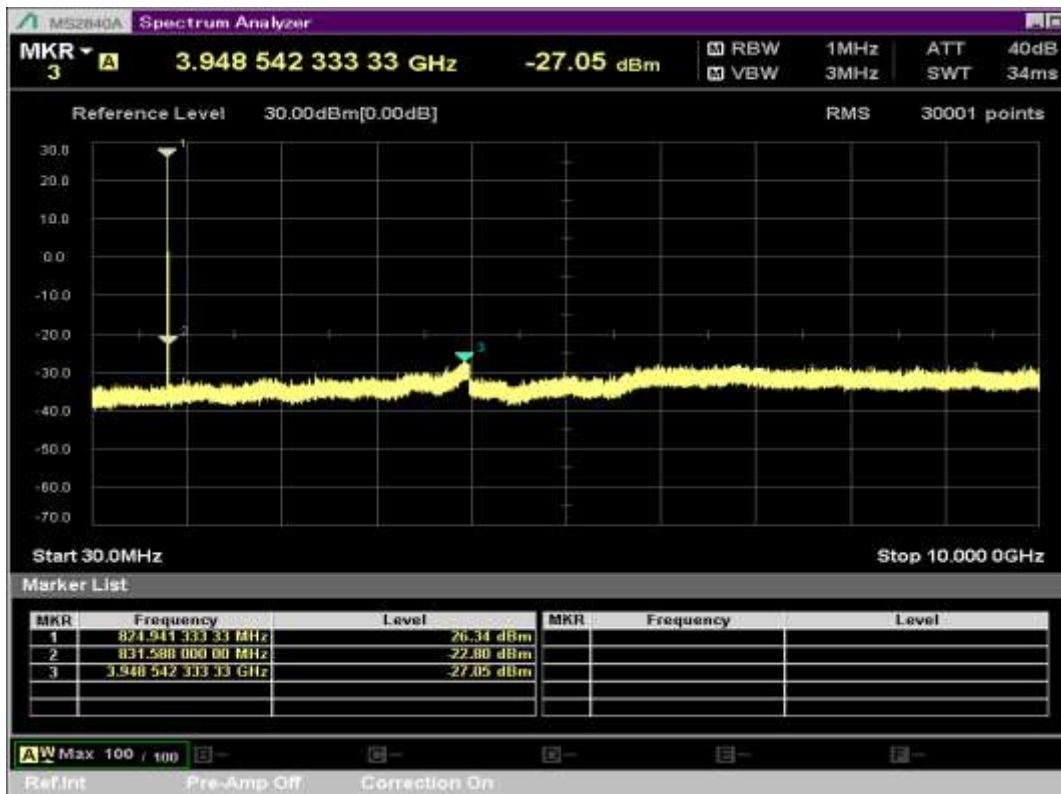
Spurious Plot (10 MHz, BPSK, 1 RB, High Channel)



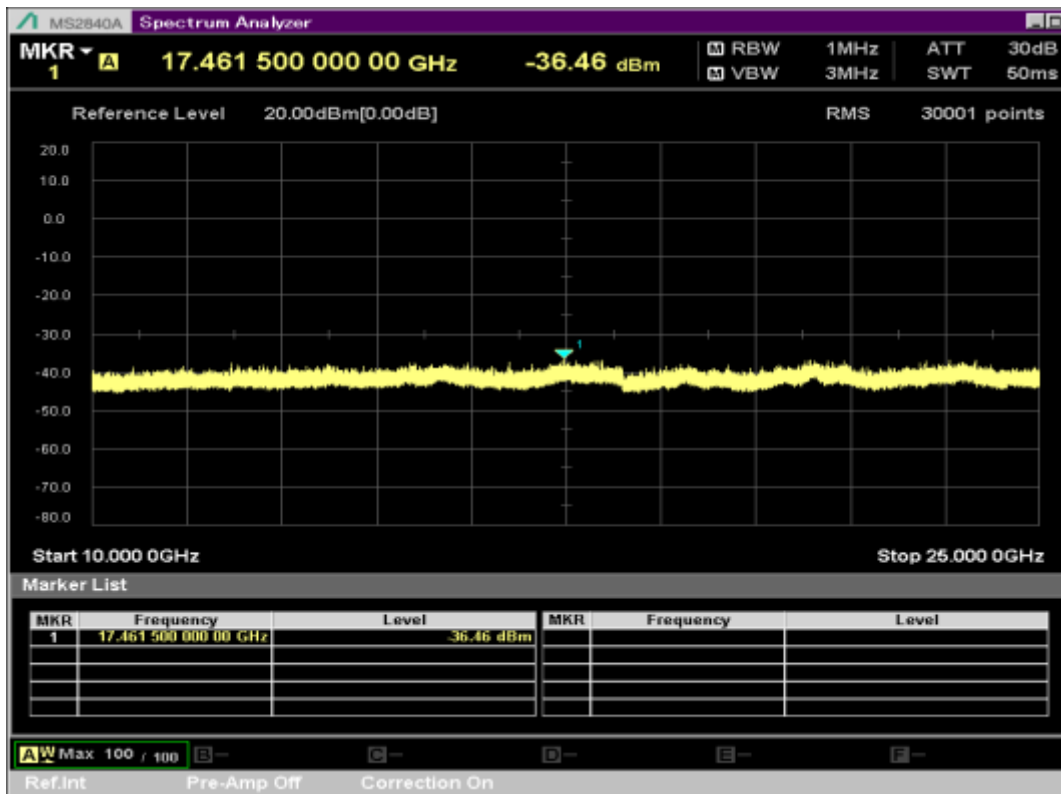
Spurious Plot (10 MHz, BPSK, 1 RB, High Channel)



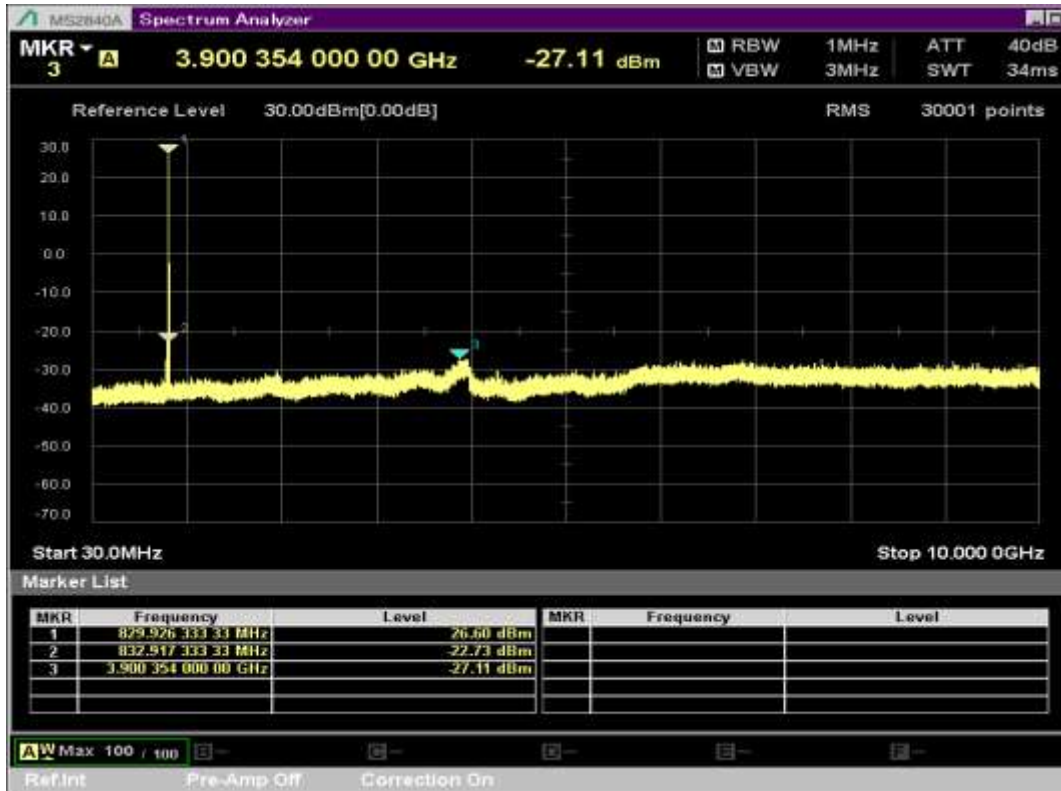
Spurious Plot (15 MHz, BPSK, 1 RB, Low Channel)



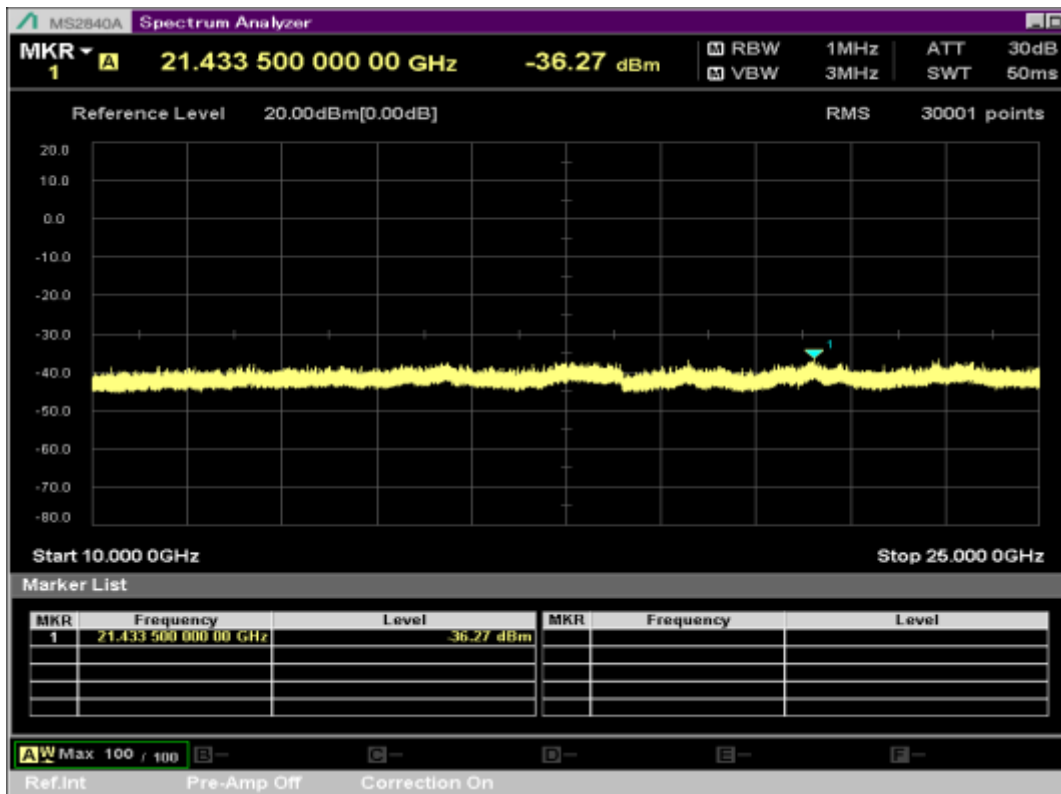
Spurious Plot (15 MHz, BPSK, 1 RB, Low Channel)



Spurious Plot (15 MHz, BPSK, 1 RB, Mid Channel)



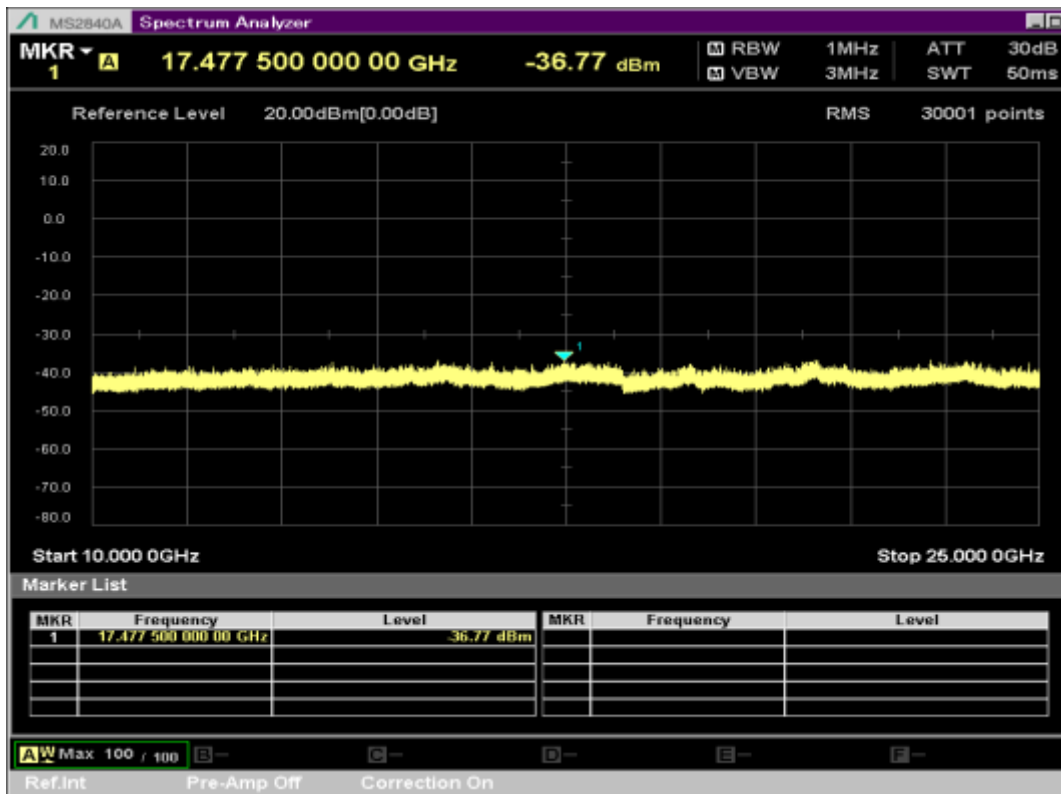
Spurious Plot (15 MHz, BPSK, 1 RB, Mid Channel)



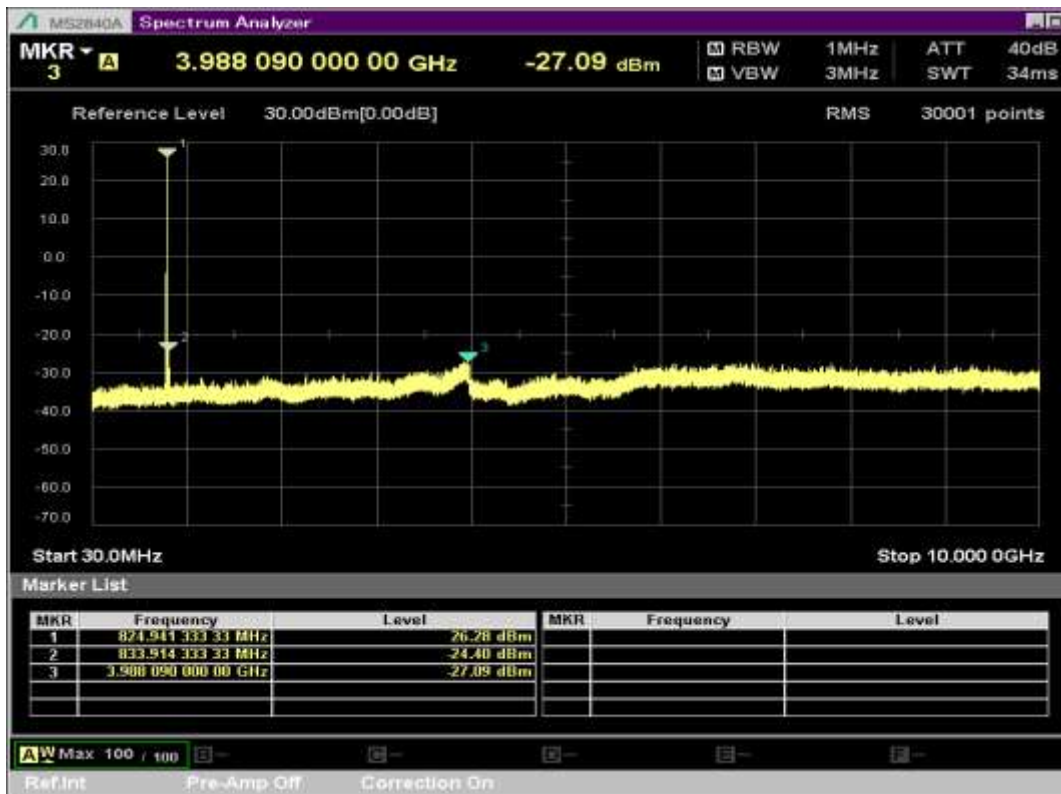
Spurious Plot (15 MHz, BPSK, 1 RB, High Channel)



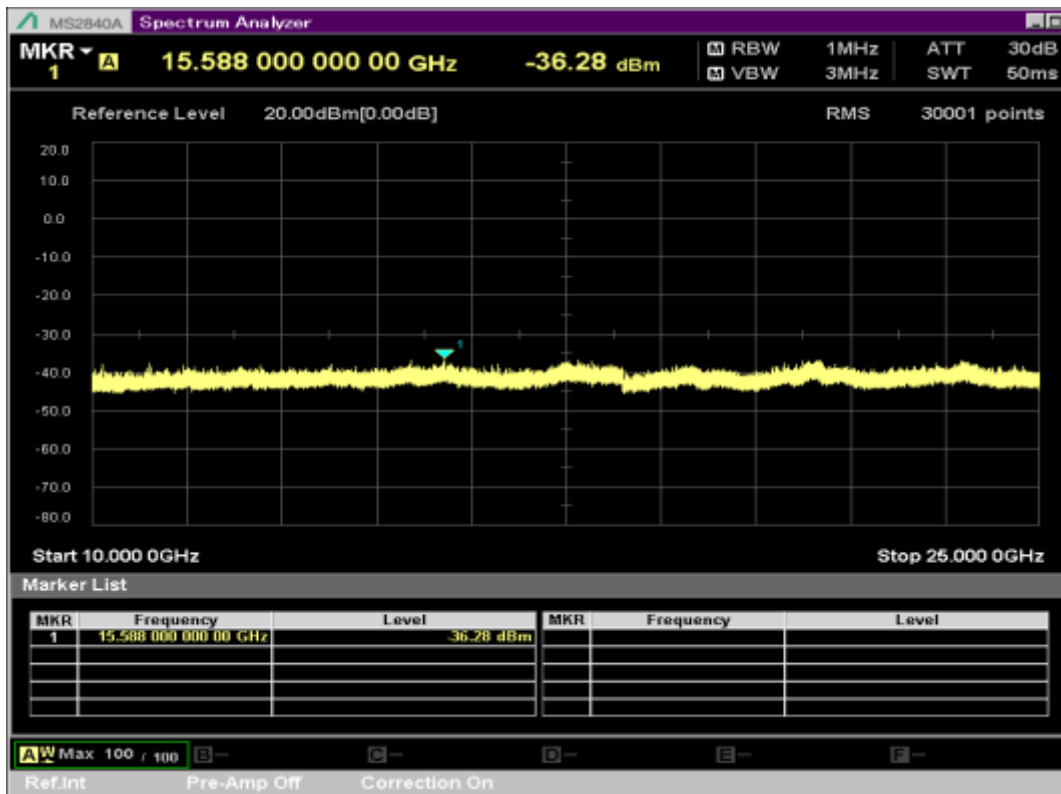
Spurious Plot (15 MHz, BPSK, 1 RB, High Channel)



Spurious Plot (20 MHz, BPSK, 1 RB, Low Channel)



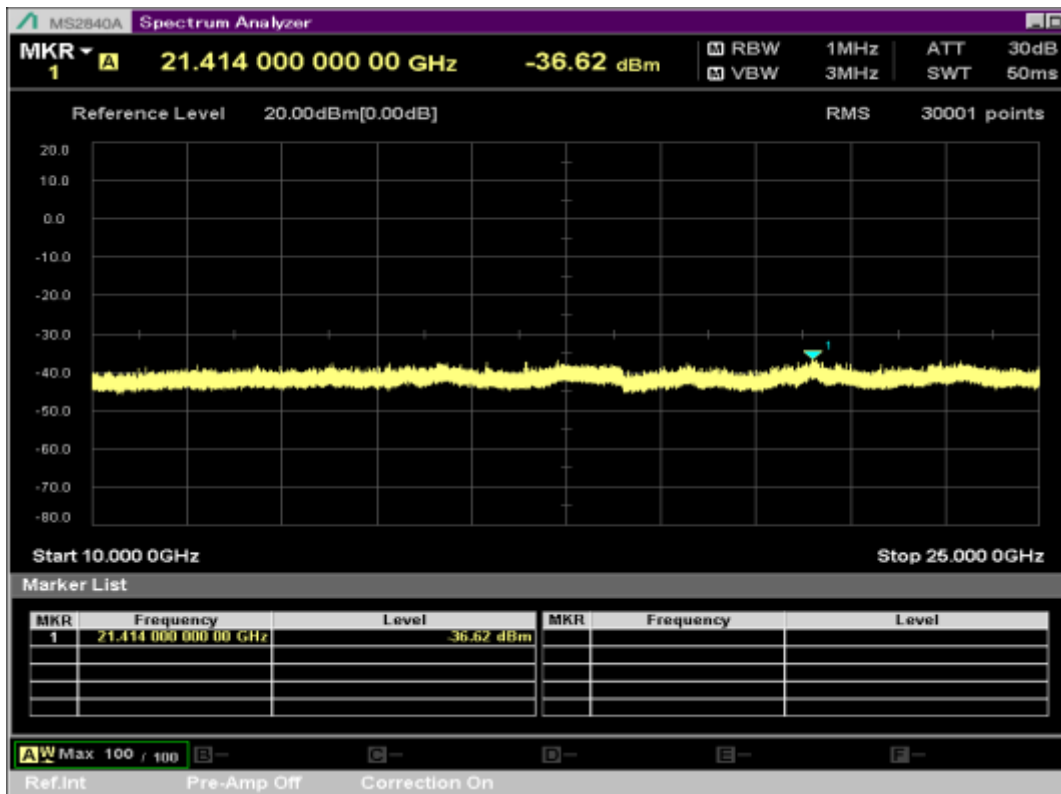
Spurious Plot (20 MHz, BPSK, 1 RB, Low Channel)



Spurious Plot (20 MHz, BPSK, 1 RB, Mid Channel)



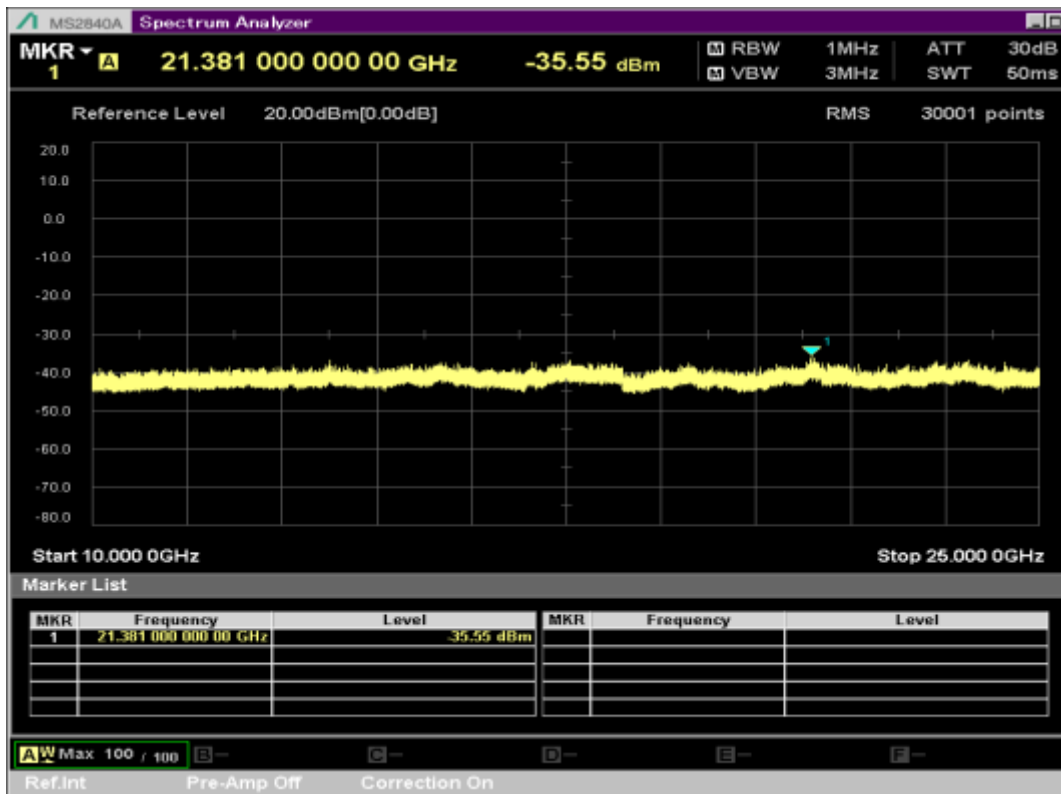
Spurious Plot (20 MHz, BPSK, 1 RB, Mid Channel)



Spurious Plot (20 MHz, BPSK, 1 RB, High Channel)



Spurious Plot (20 MHz, BPSK, 1 RB, High Channel)

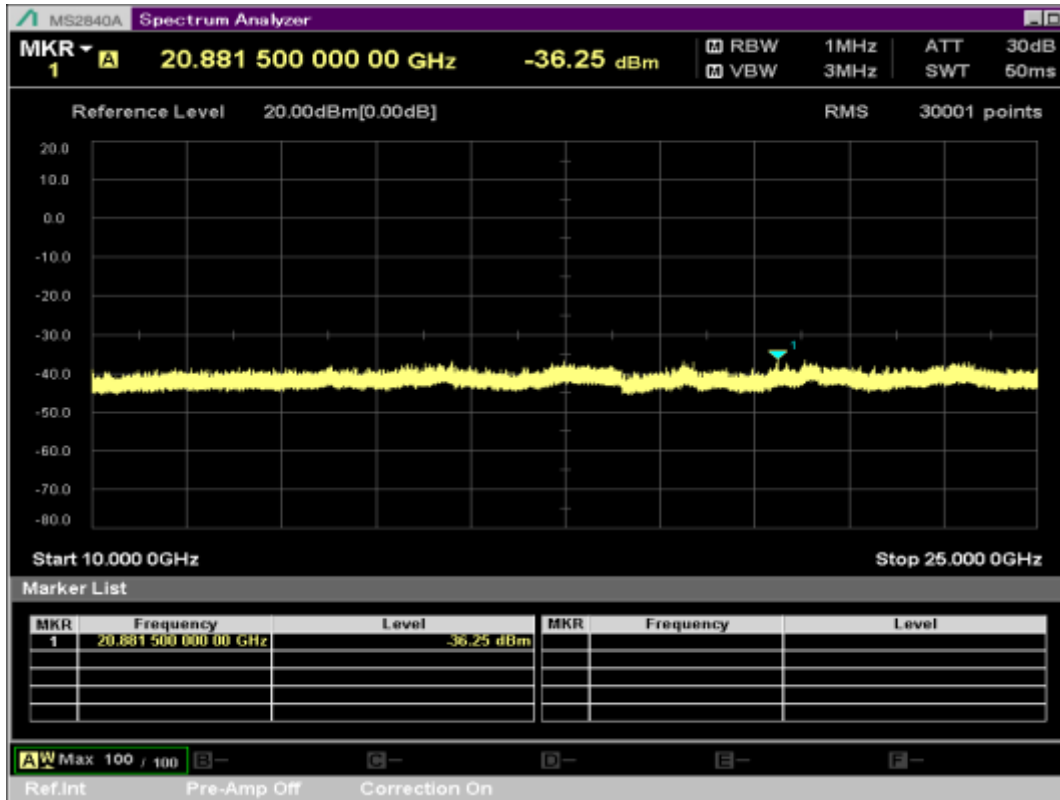


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Spurious Plot (5 MHz, BPSK, 1 RB, Low Channel)



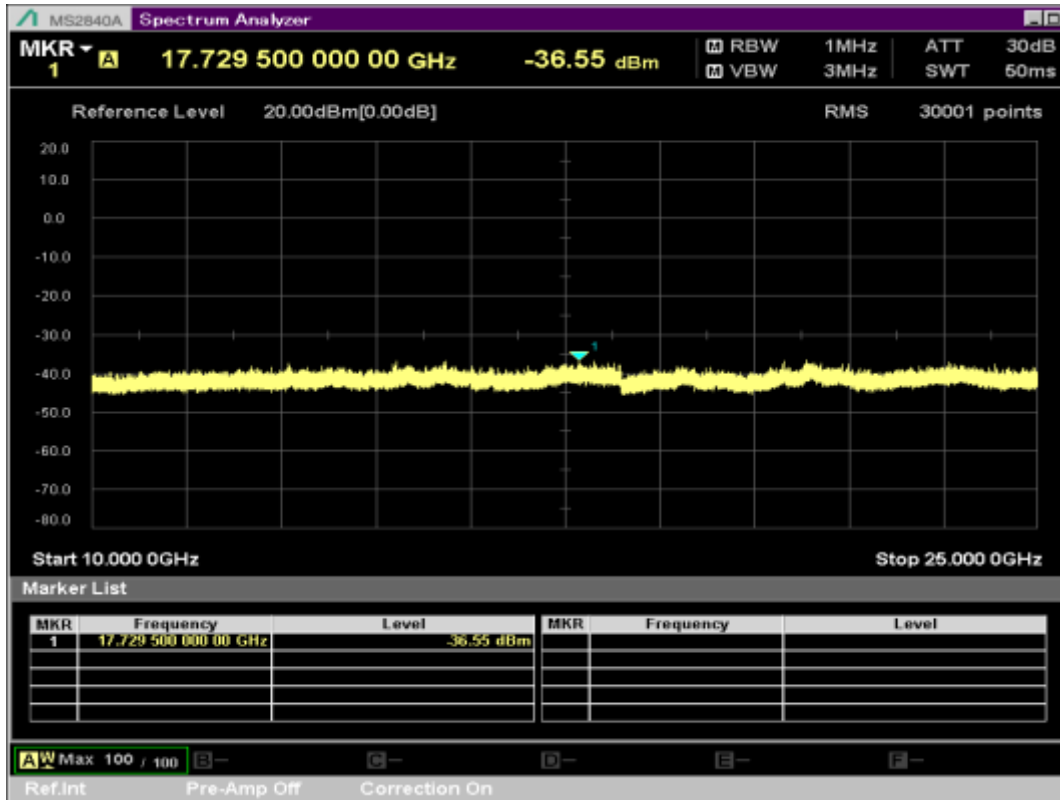
Spurious Plot (5 MHz, BPSK, 1 RB, Low Channel)



Spurious Plot (5 MHz, BPSK, 1 RB, Mid Channel)



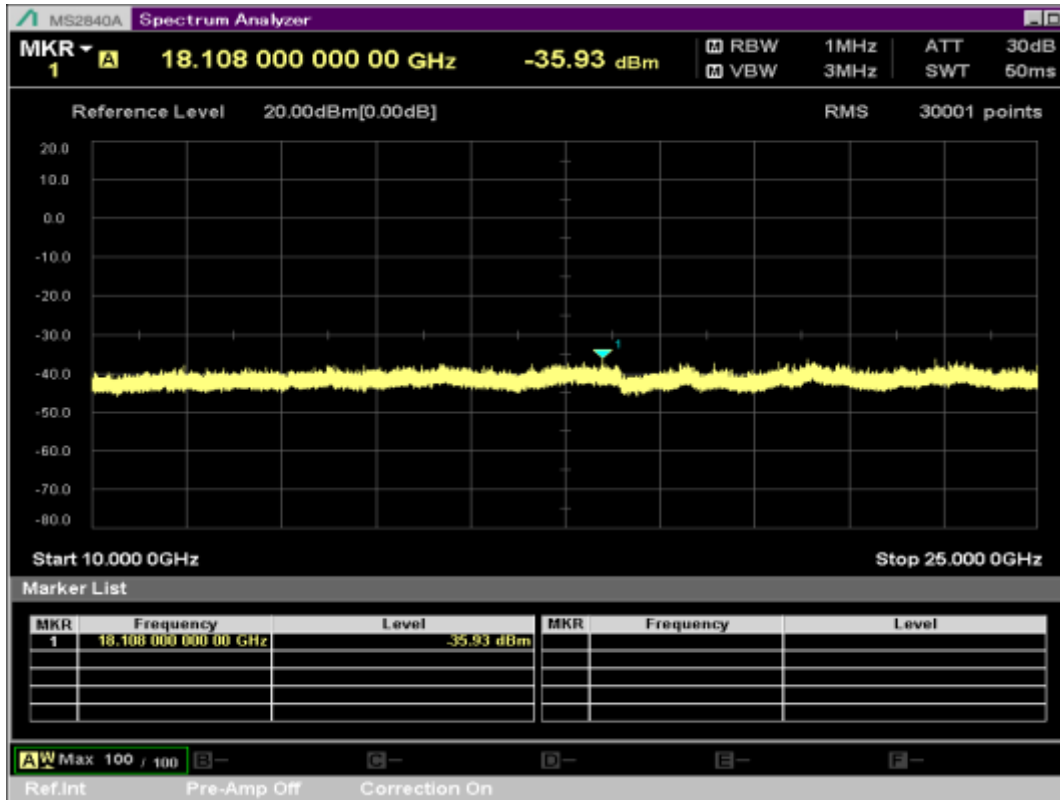
Spurious Plot (5 MHz, BPSK, 1 RB, Mid Channel)



Spurious Plot (5 MHz, BPSK, 1 RB, High Channel)



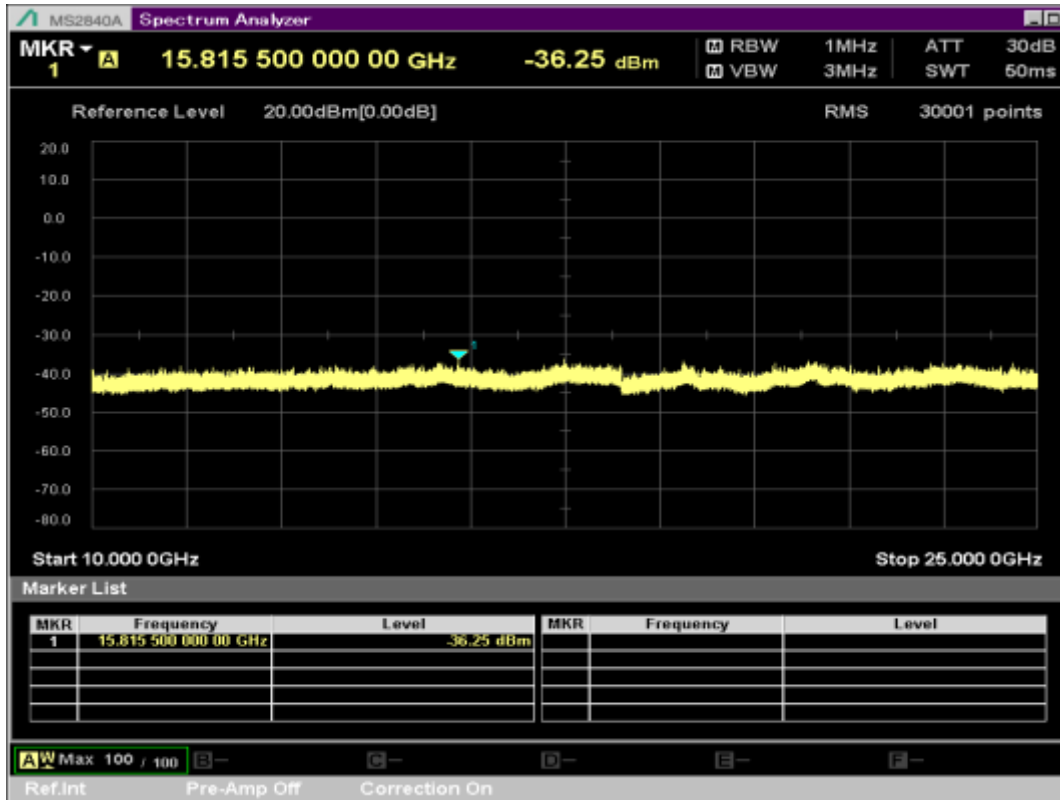
Spurious Plot (5 MHz, BPSK, 1 RB, High Channel)



Spurious Plot (10 MHz, BPSK, 1 RB, Low Channel)



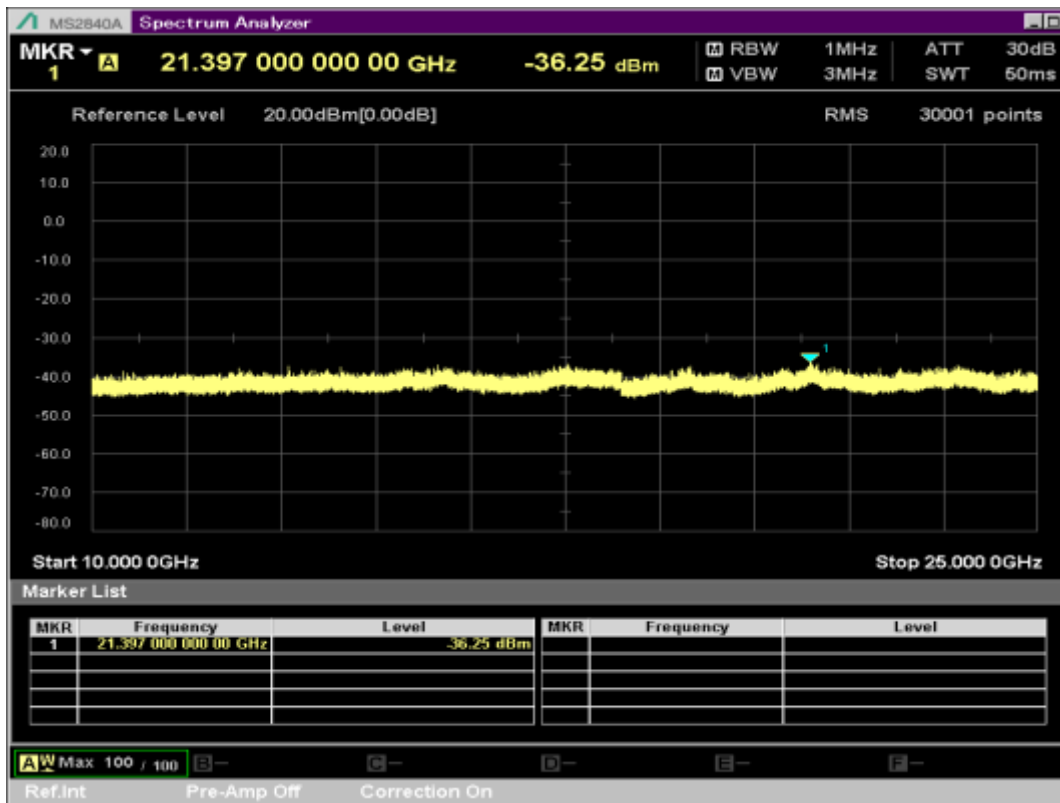
Spurious Plot (10 MHz, BPSK, 1 RB, Low Channel)



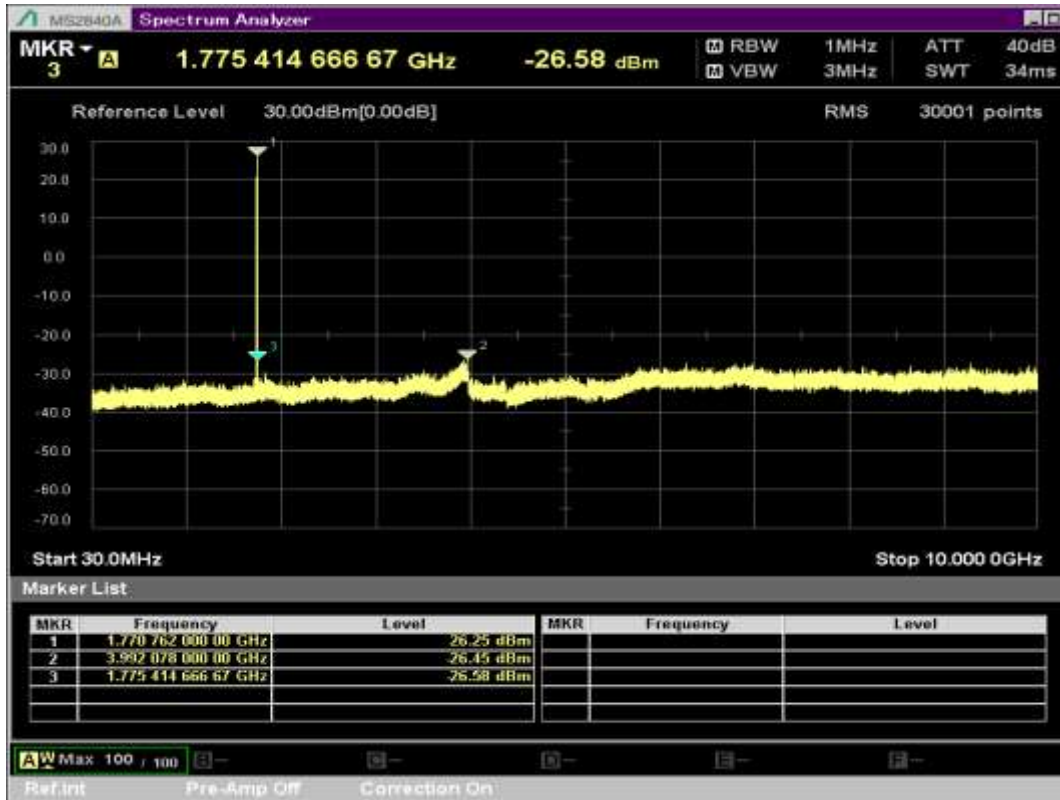
Spurious Plot (10 MHz, BPSK, 1 RB, Mid Channel)



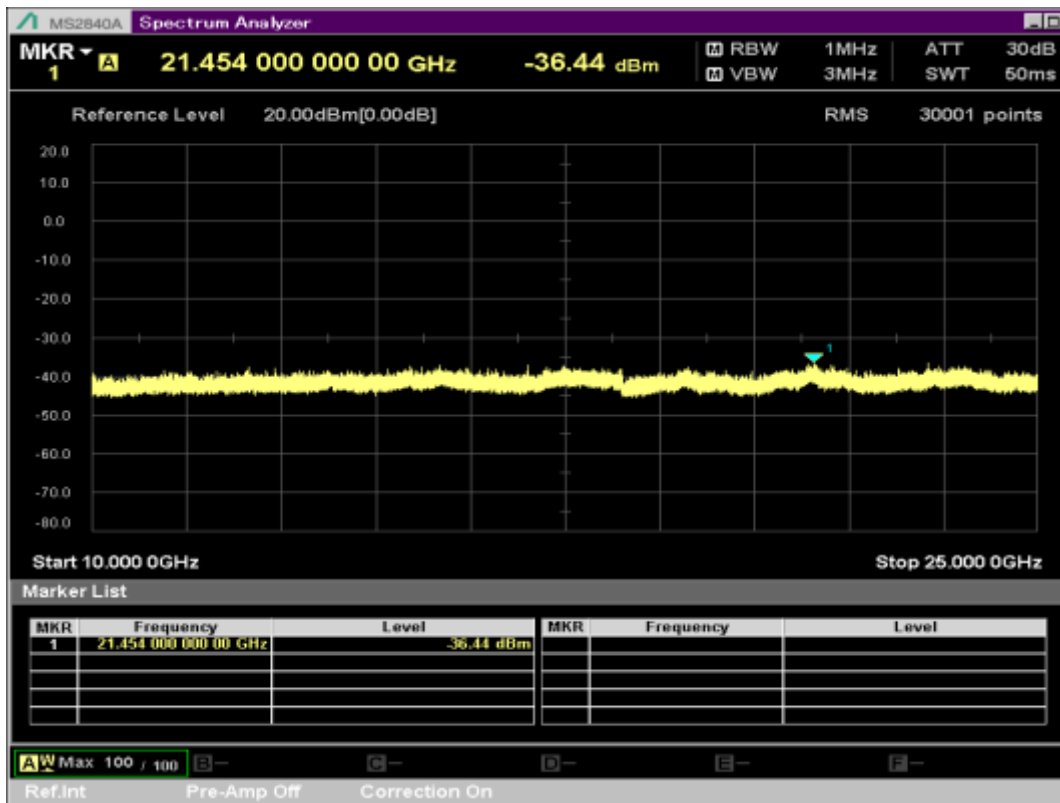
Spurious Plot (10 MHz, BPSK, 1 RB, Mid Channel)



Spurious Plot (10 MHz, BPSK, 1 RB, High Channel)



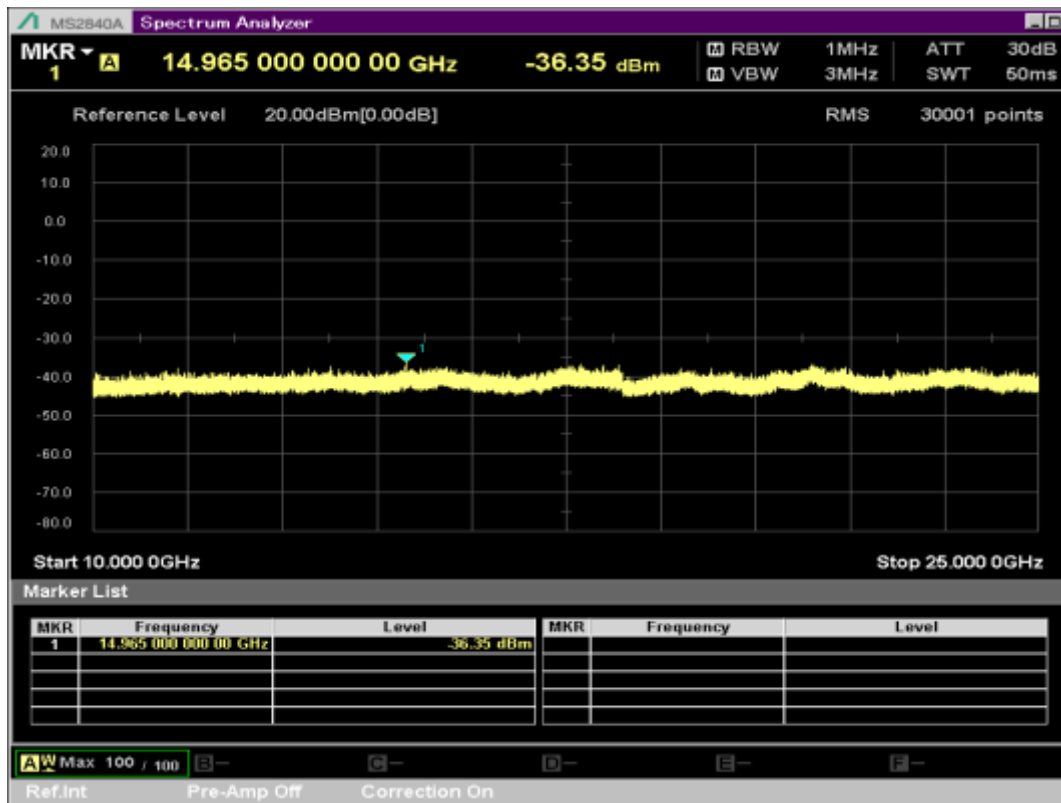
Spurious Plot (10 MHz, BPSK, 1 RB, High Channel)



Spurious Plot (15 MHz, BPSK, 1 RB, Low Channel)



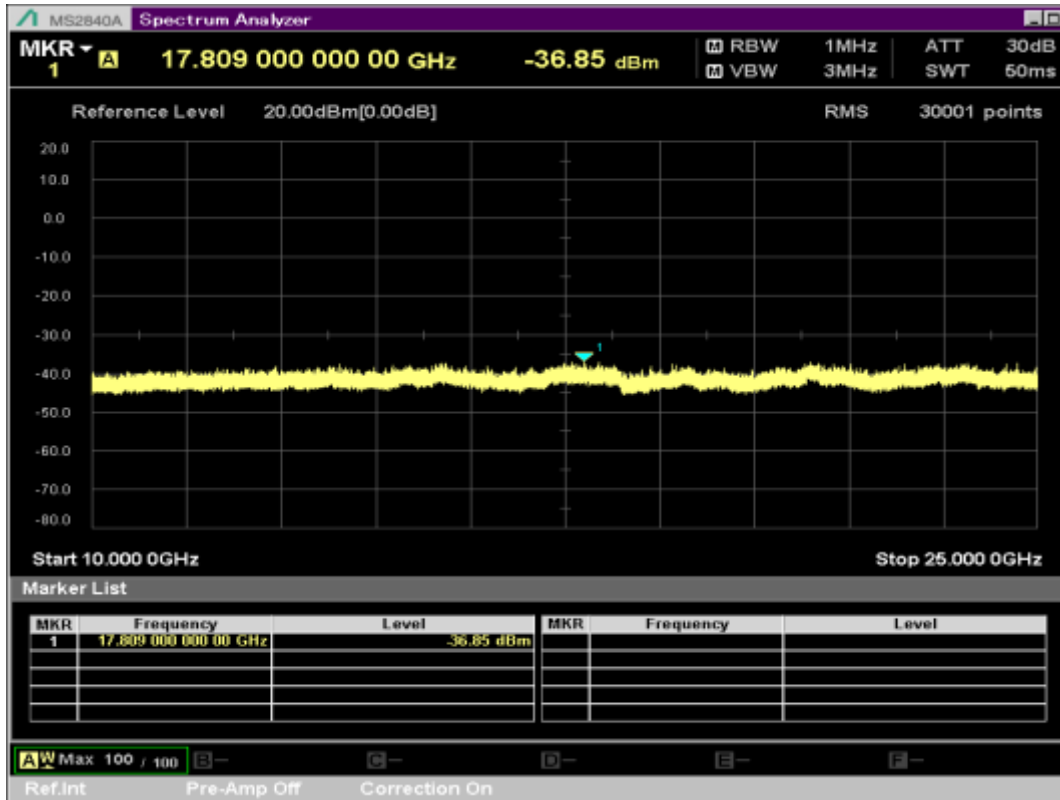
Spurious Plot (15 MHz, BPSK, 1 RB, Low Channel)



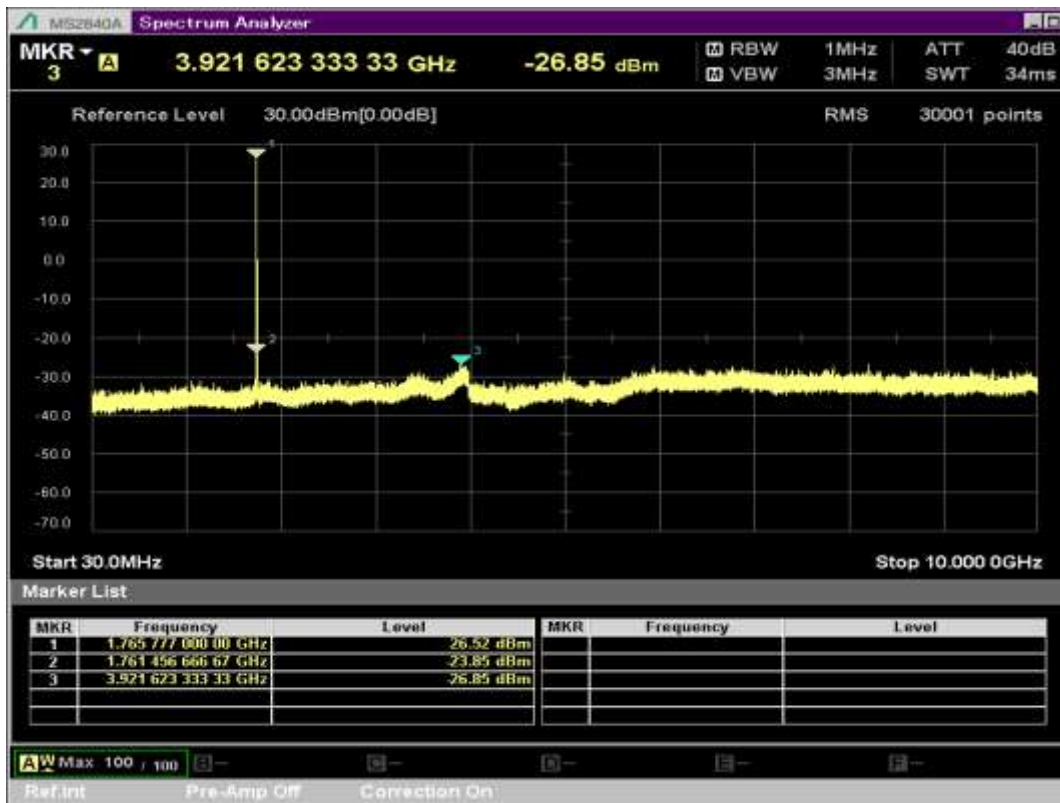
Spurious Plot (15 MHz, BPSK, 1 RB, Mid Channel)



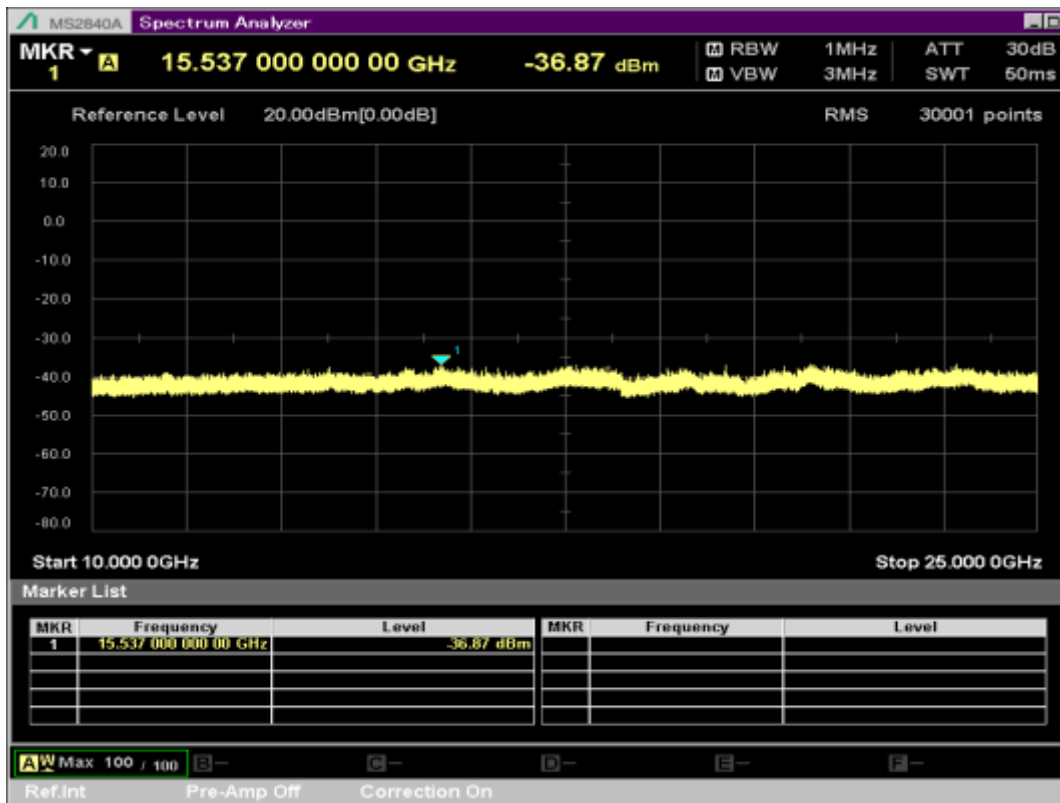
Spurious Plot (15 MHz, BPSK, 1 RB, Mid Channel)



Spurious Plot (15 MHz, BPSK, 1 RB, High Channel)



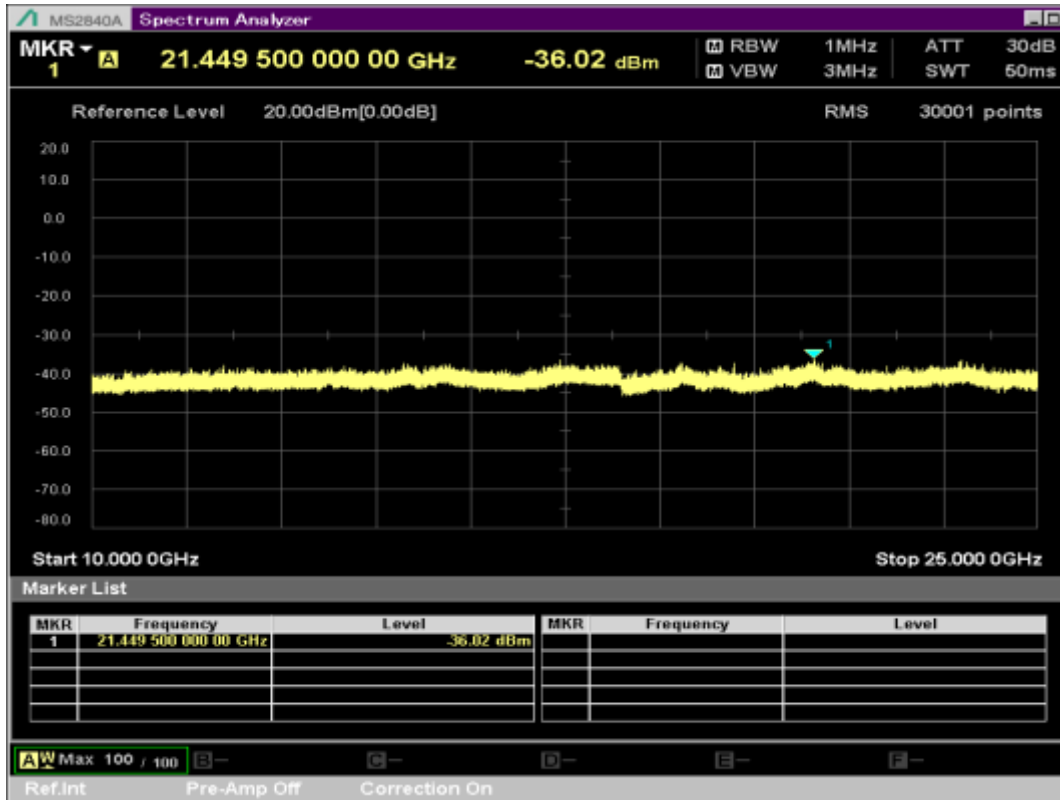
Spurious Plot (15 MHz, BPSK, 1 RB, High Channel)



Spurious Plot (20 MHz, BPSK, 1 RB, Low Channel)



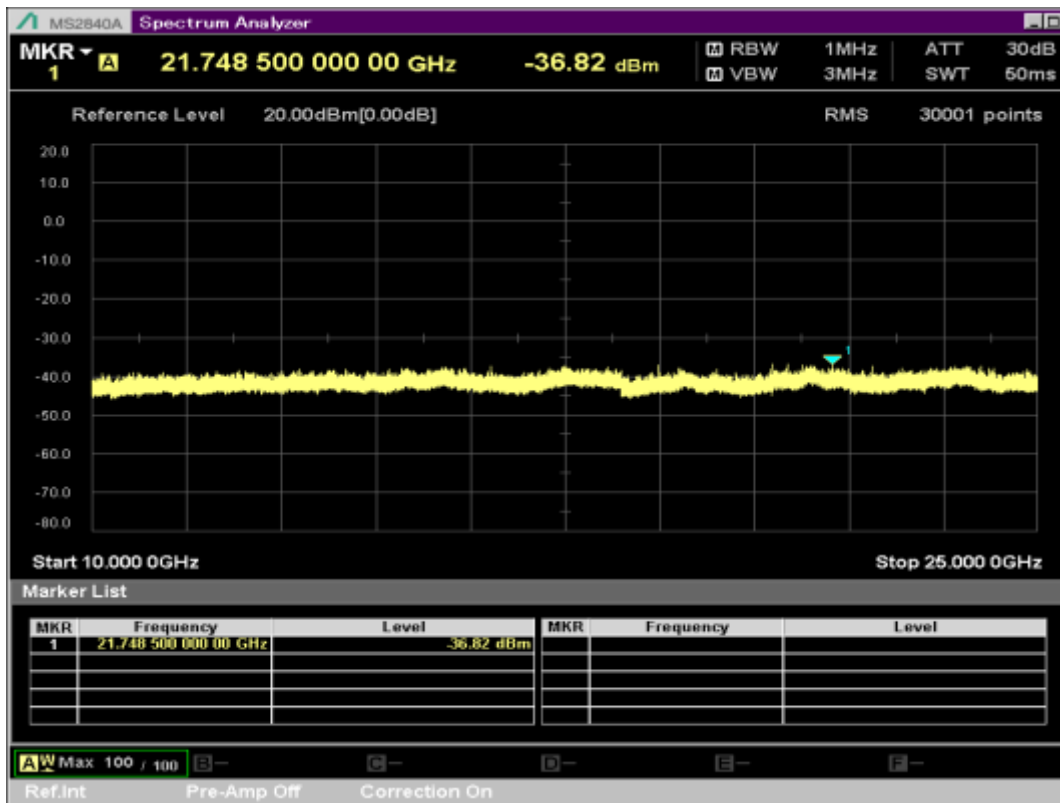
Spurious Plot (20 MHz, BPSK, 1 RB, Low Channel)



Spurious Plot (20 MHz, BPSK, 1 RB, Mid Channel)



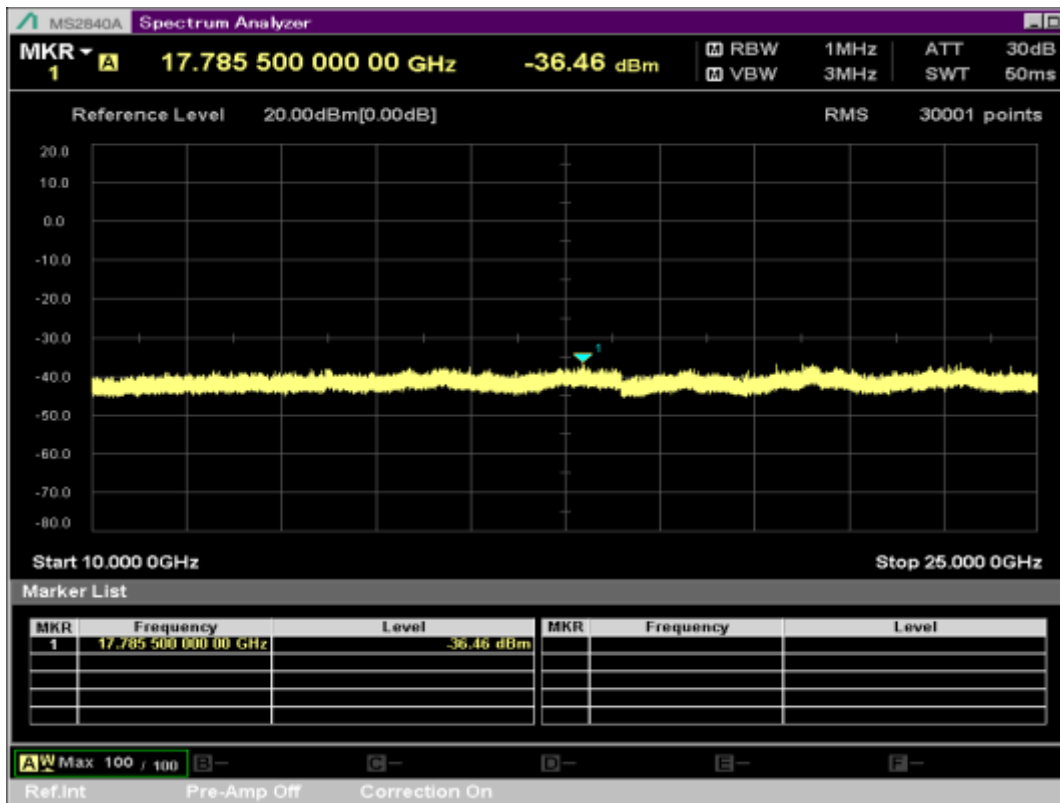
Spurious Plot (20 MHz, BPSK, 1 RB, Mid Channel)



Spurious Plot (20 MHz, BPSK, 1 RB, High Channel)



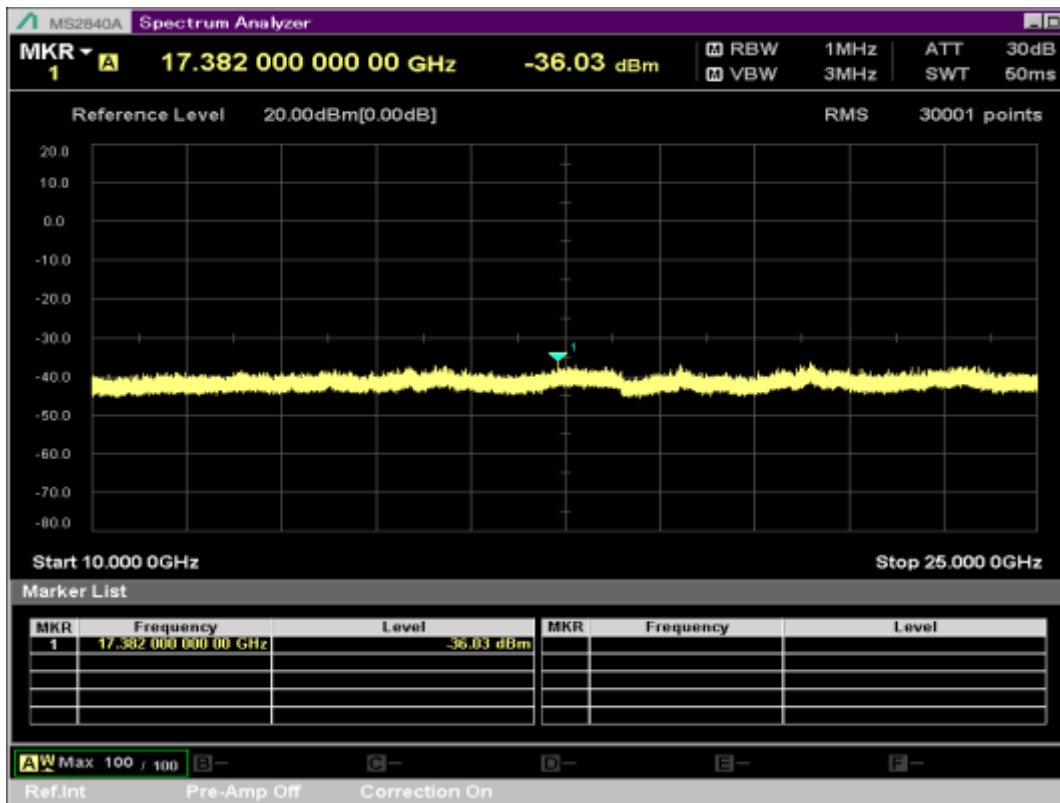
Spurious Plot (20 MHz, BPSK, 1 RB, High Channel)



Spurious Plot (40 MHz, BPSK, 1 RB, Low Channel)



Spurious Plot (40 MHz, BPSK, 1 RB, Low Channel)



Spurious Plot (40 MHz, BPSK, 1 RB, High Channel)



Spurious Plot (40 MHz, BPSK, 1 RB, High Channel)

