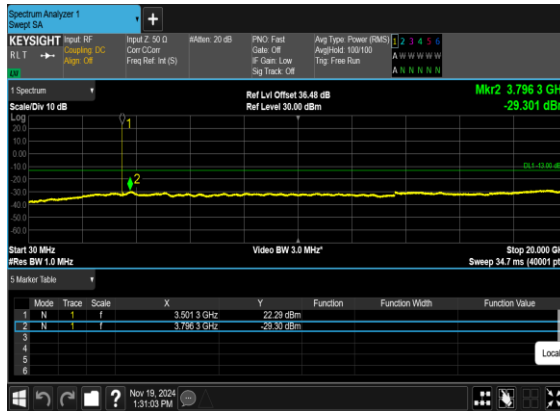
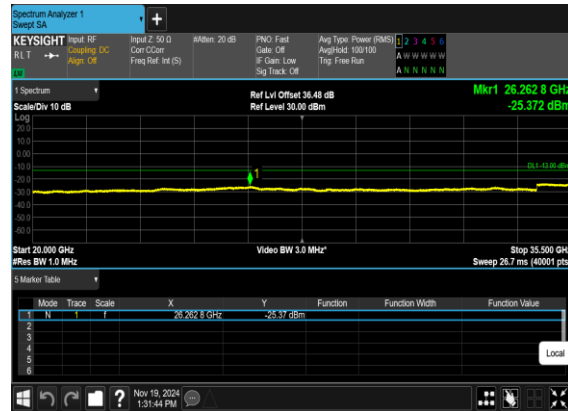




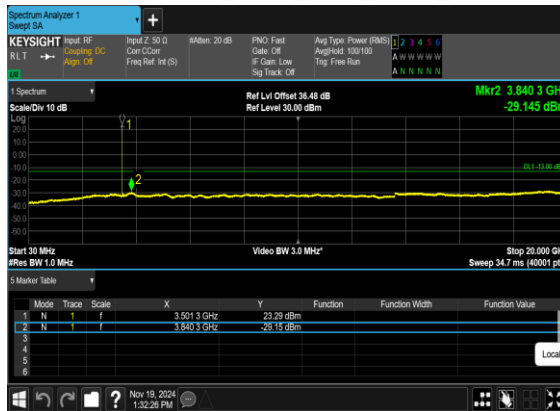
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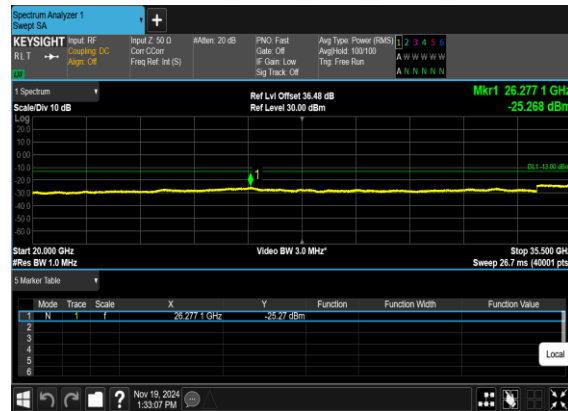
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QAM_Edge_1RB_Left_High_CH

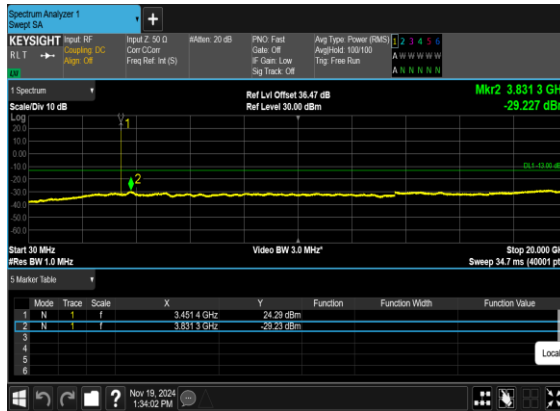


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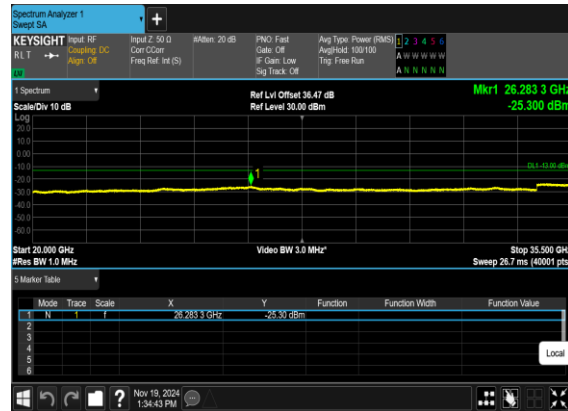




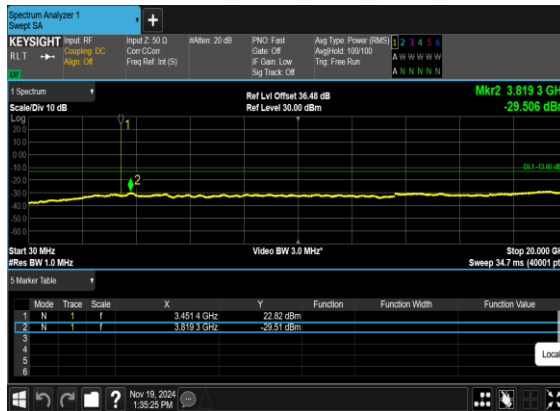
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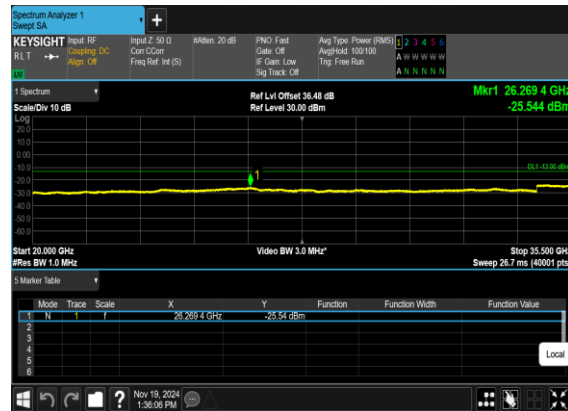
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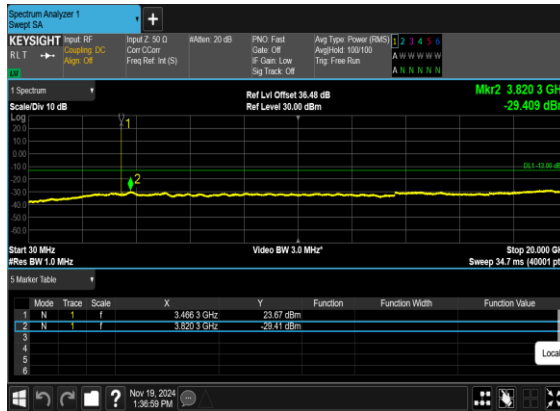


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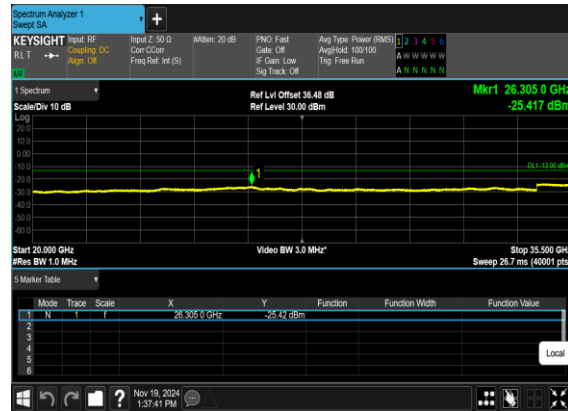




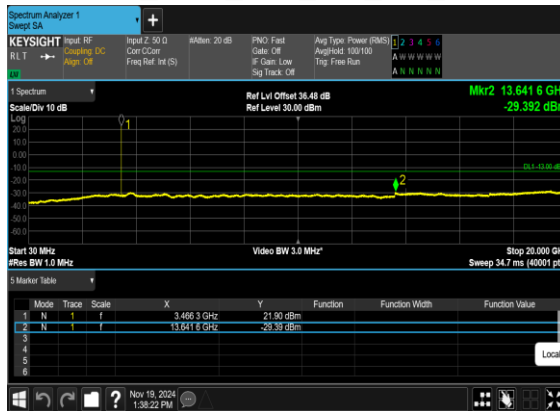
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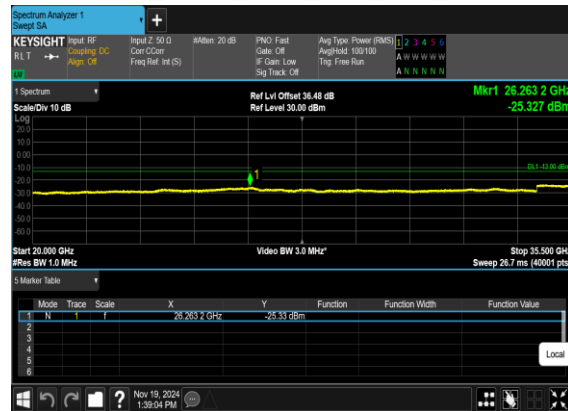
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OFDM_QPSK_Edge_1RB_Left_Mid_CH



N78(70M)_CP-OFDM_16
QAM_Edge_1RB_Left_Mid_CH

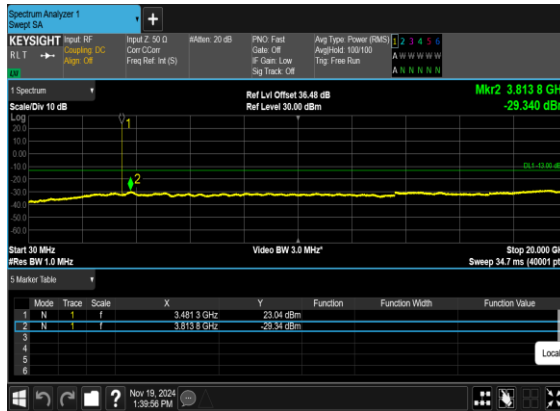


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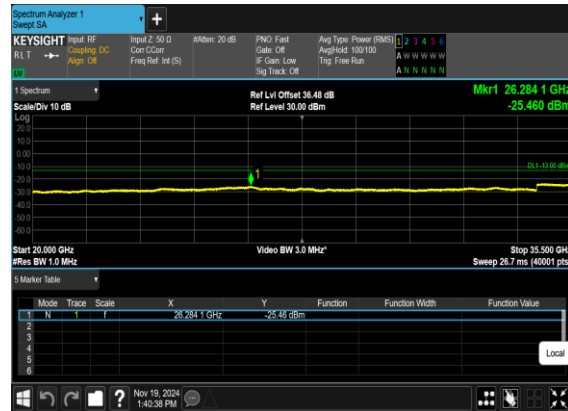




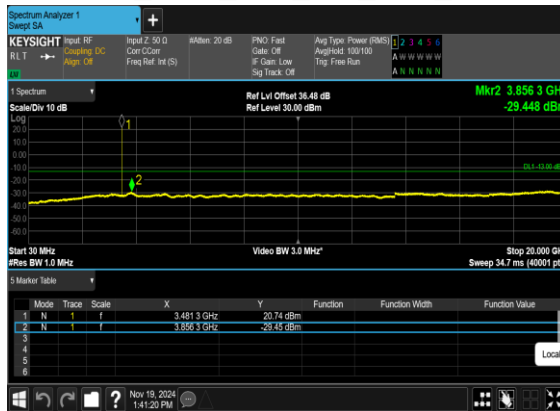
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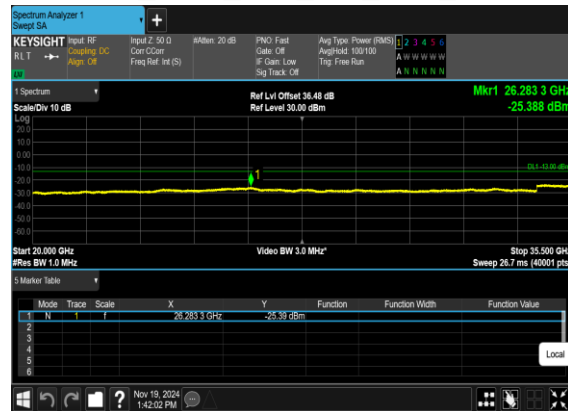
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OFDM_QPSK_Edge_1RB_Left_High_CH



N78(70M)_CP-OFDM_16
QAM_Edge_1RB_Left_High_CH

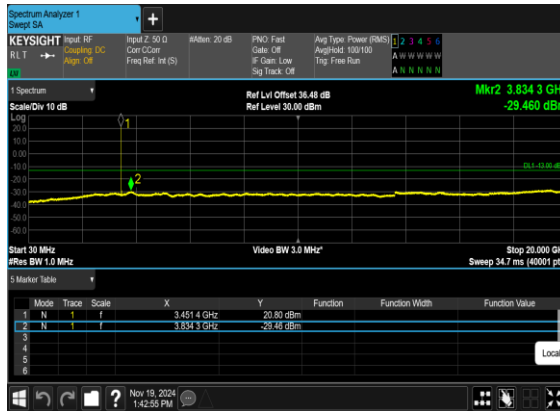


N78(70M)_CP-OFDM_16
QAM_Edge_1RB_Left_High_CH

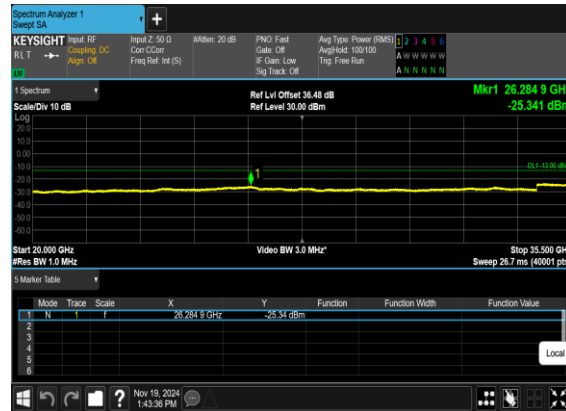




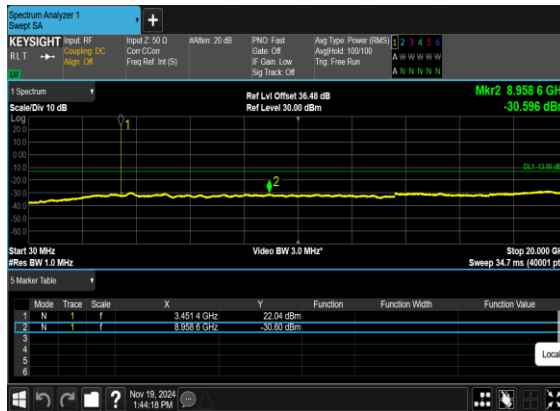
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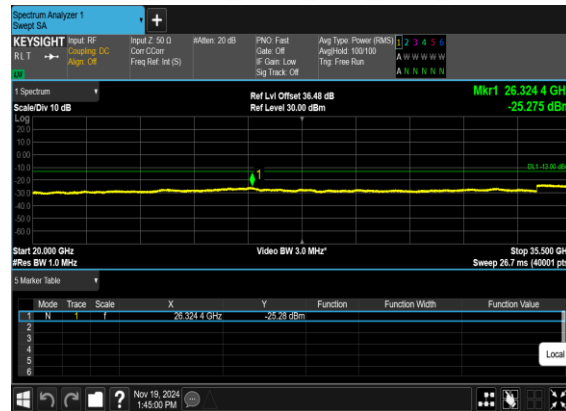
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OFDM_QPSK_Edge_1RB_Left_Low_CH



N78(90M)_CP-OFDM_16
QAM_Edge_1RB_Left_Low_CH

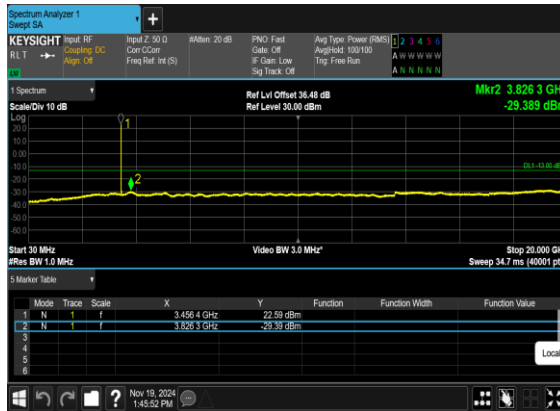


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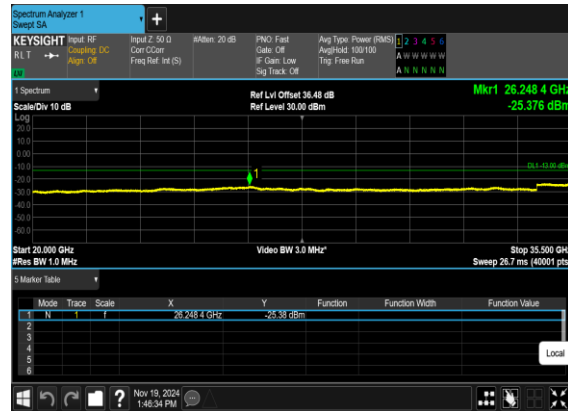




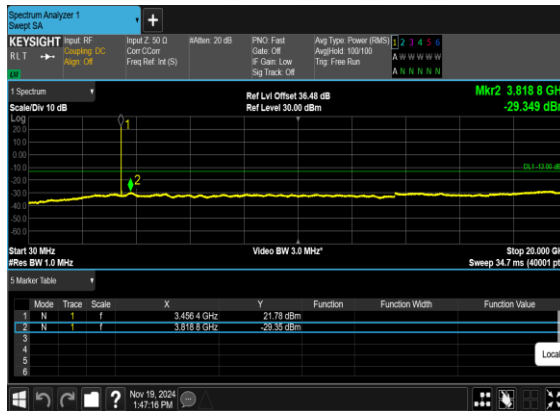
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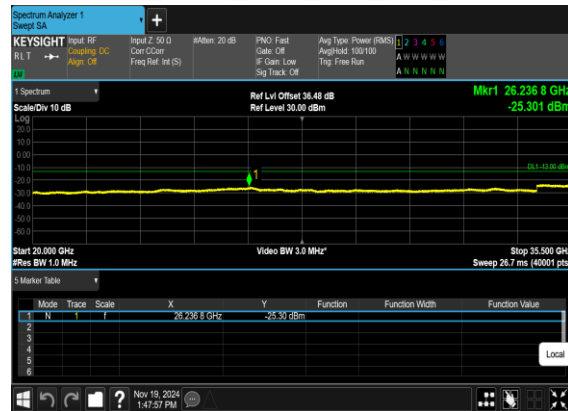
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OFDM_QPSK_Edge_1RB_Left_Mid_CH



N78(90M)_CP-OFDM_16
QAM_Edge_1RB_Left_Mid_CH

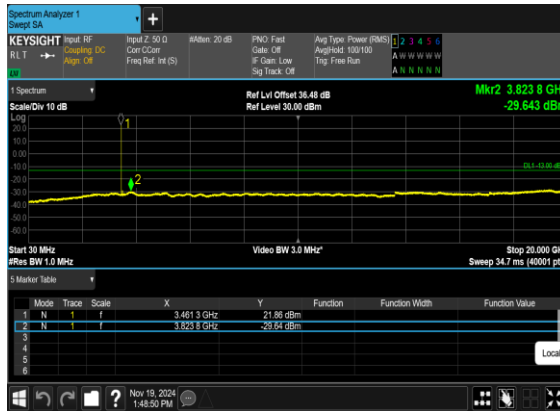


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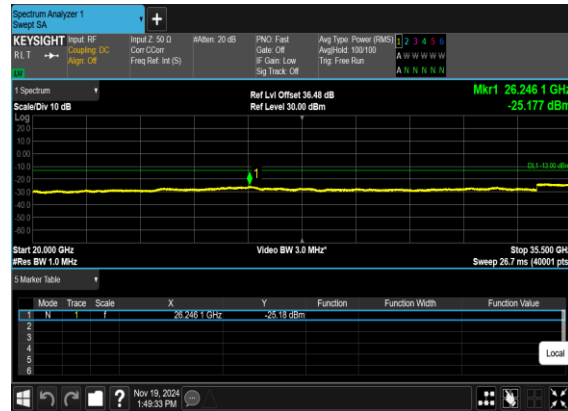




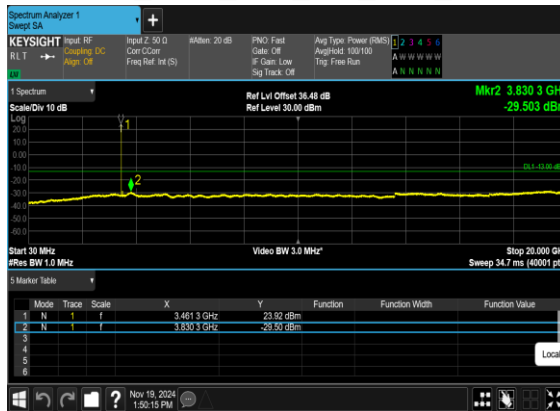
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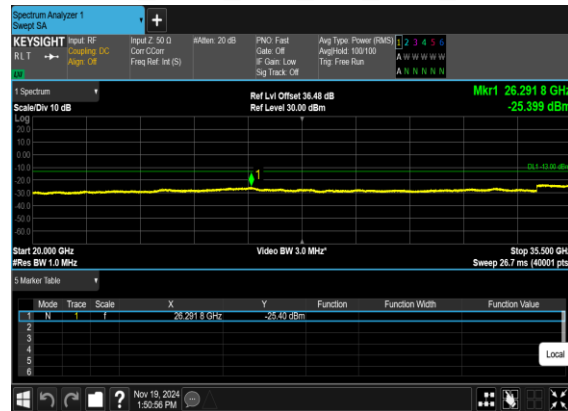
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QAM_Edge_1RB_Left_High_CH



N78(90M)_CP-OFDM_16
QAM_Edge_1RB_Left_High_CH

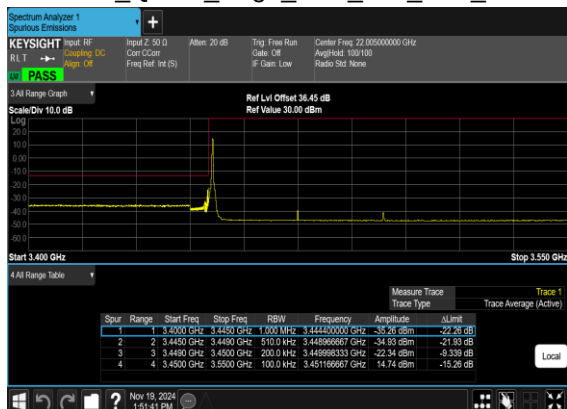
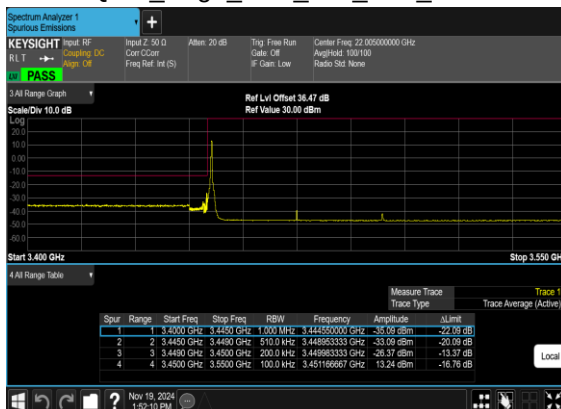
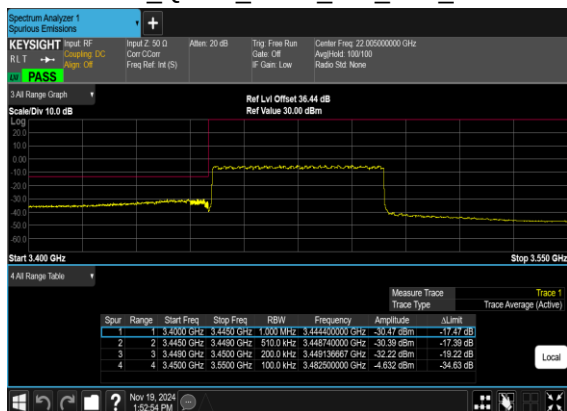
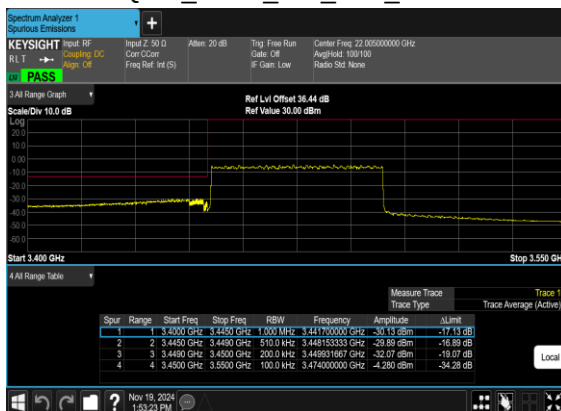


**Conducted Band Edge**

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
78	30	50	631668	3475.02	CP-OFDM QPSK	1@0	see graph	PASS
78	30	50	631668	3475.02	CP-OFDM 16 QAM	1@0	see graph	PASS
78	30	50	631668	3475.02	CP-OFDM QPSK	133@0	see graph	PASS
78	30	50	631668	3475.02	CP-OFDM 16 QAM	133@0	see graph	PASS
78	30	50	635000	3525.0	CP-OFDM QPSK	1@132	see graph	PASS
78	30	50	635000	3525.0	CP-OFDM 16 QAM	1@132	see graph	PASS
78	30	50	635000	3525.0	CP-OFDM QPSK	133@0	see graph	PASS
78	30	50	635000	3525.0	CP-OFDM 16 QAM	133@0	see graph	PASS
78	30	70	632334	3485.01	CP-OFDM QPSK	1@0	see graph	PASS
78	30	70	632334	3485.01	CP-OFDM 16 QAM	1@0	see graph	PASS
78	30	70	632334	3485.01	CP-OFDM QPSK	189@0	see graph	PASS
78	30	70	632334	3485.01	CP-OFDM 16 QAM	189@0	see graph	PASS
78	30	70	634332	3514.98	CP-OFDM QPSK	1@188	see graph	PASS
78	30	70	634332	3514.98	CP-OFDM 16 QAM	1@188	see graph	PASS
78	30	70	634332	3514.98	CP-OFDM QPSK	189@0	see graph	PASS
78	30	70	634332	3514.98	CP-OFDM 16 QAM	189@0	see graph	PASS
78	30	90	633000	3495.0	CP-OFDM QPSK	1@0	see graph	PASS
78	30	90	633000	3495.0	CP-OFDM 16 QAM	1@0	see graph	PASS
78	30	90	633000	3495.0	CP-OFDM QPSK	245@0	see graph	PASS
78	30	90	633000	3495.0	CP-OFDM 16 QAM	245@0	see graph	PASS
78	30	90	633666	3504.99	CP-OFDM QPSK	1@244	see graph	PASS
78	30	90	633666	3504.99	CP-OFDM 16 QAM	1@244	see graph	PASS
78	30	90	633666	3504.99	CP-OFDM QPSK	245@0	see graph	PASS



78	30	90	633666	3504.99	CP-OFDM 16 QAM	245@0	see graph	PASS
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N78(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CHN78(50M)_CP-OFDM_16
QAM_Edge_1RB_Left_Low_CHN78(50M)_CP-
OFDM_QPSK_Outer_Full_Low_CHN78(50M)_CP-OFDM_16
QAM_Outer_Full_Low_CH



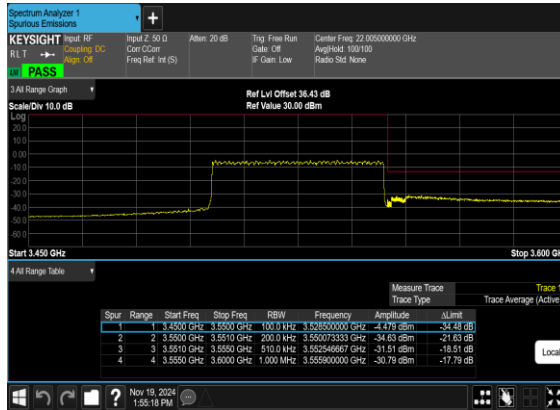
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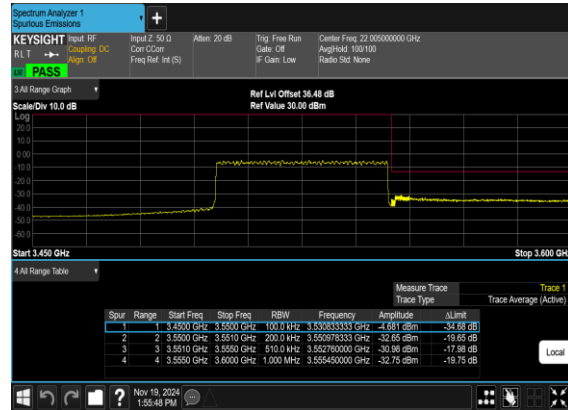
N78(50M)_CP-OFDM_16
QAM_Edge_1RB_Right_High_CH



N78(50M)_CP-
OFDM_QPSK_Outer_Full_High_CH

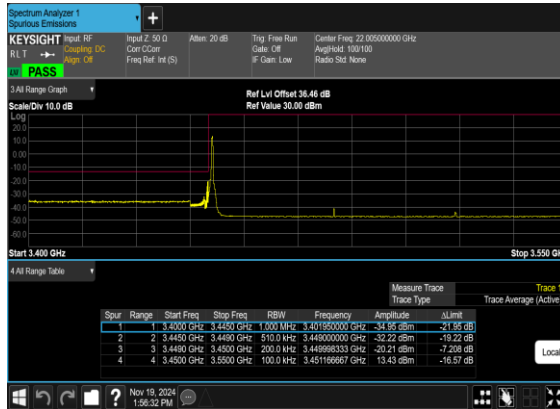


N78(50M)_CP-OFDM_16
QAM_Outer_Full_High_CH

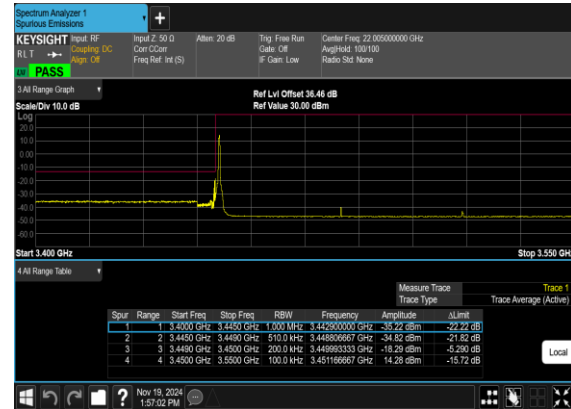




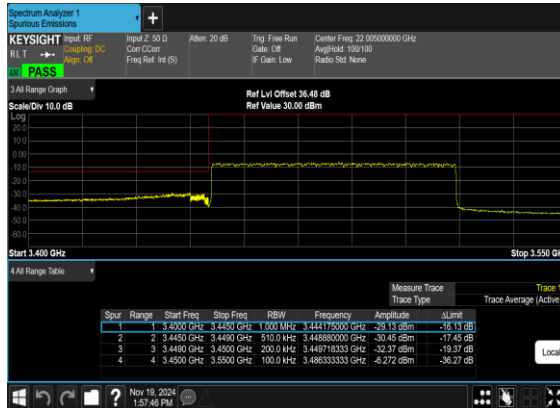
N78(70M)_CP-
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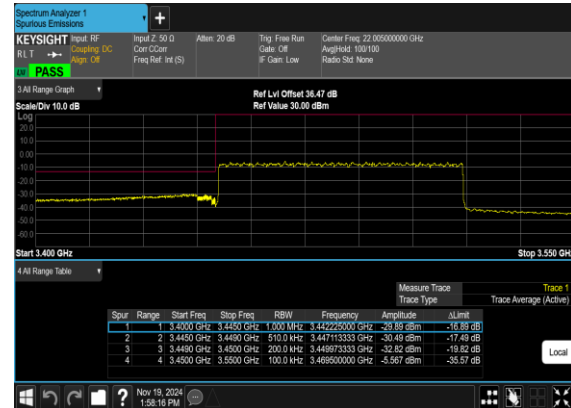
N78(70M)_CP-OFDM_16
QAM_Edge_1RB_Left_Low_CH



N78(70M)_CP-
OFDM_QPSK_Outer_Full_Low_CH



N78(70M)_CP-OFDM_16
QAM_Outer_Full_Low_CH





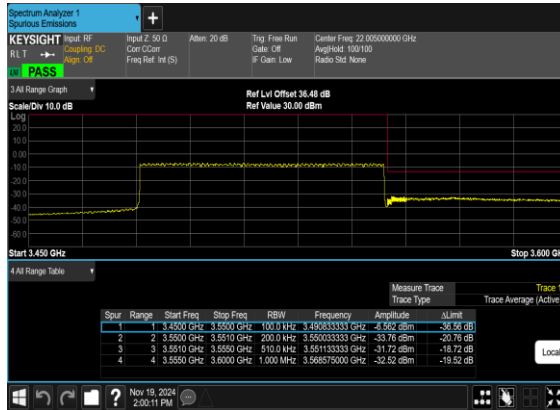
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OFDM_QPSK_Edge_1RB_Right_High_CH



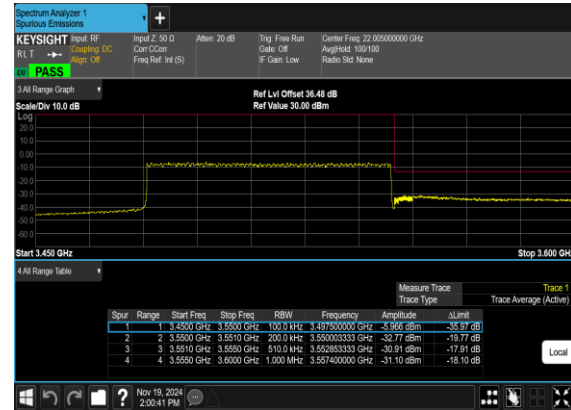
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QAM_Edge_1RB_Right_High_CH



N78(70M)_CP-
OFDM_QPSK_Outer_Full_High_CH

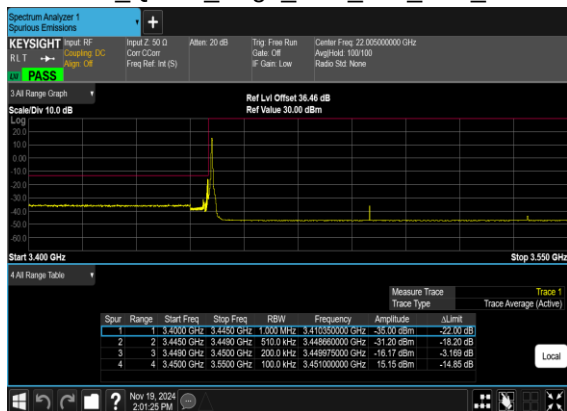


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QAM_Outer_Full_High_CH

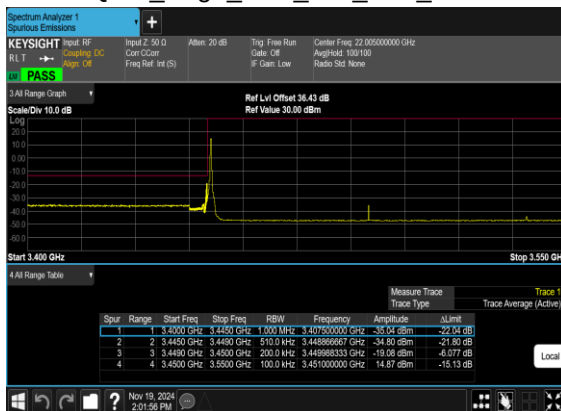




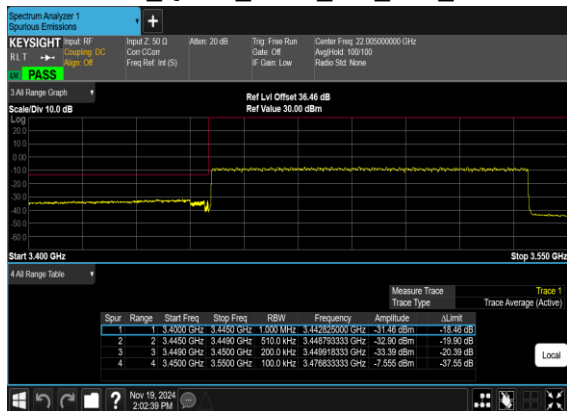
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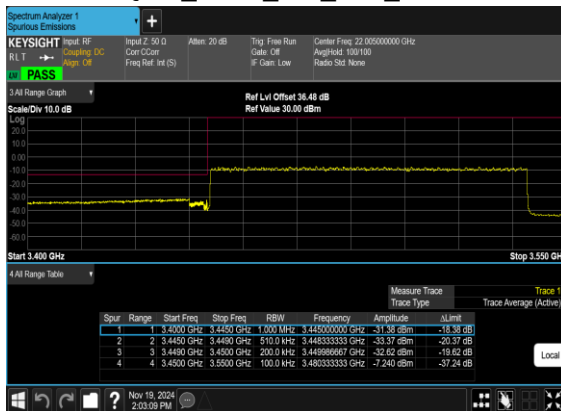
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QAM_Edge_1RB_Left_Low_CH

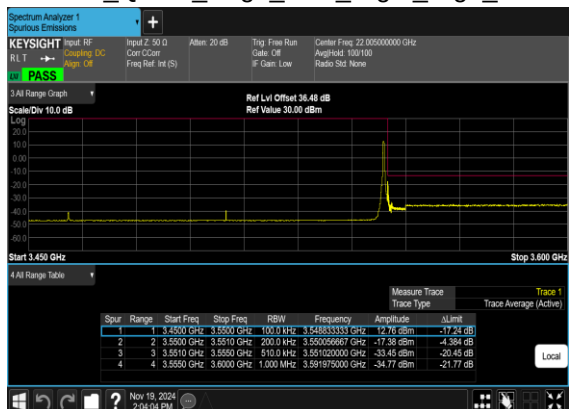
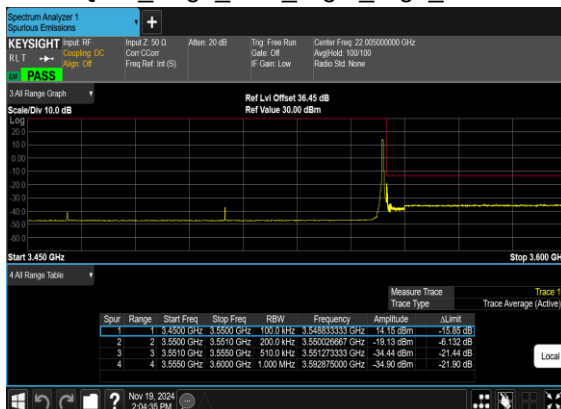
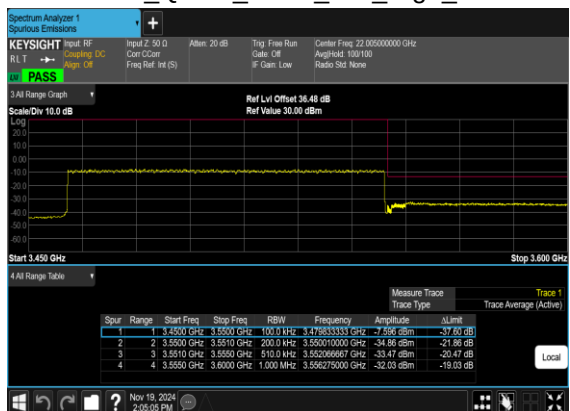
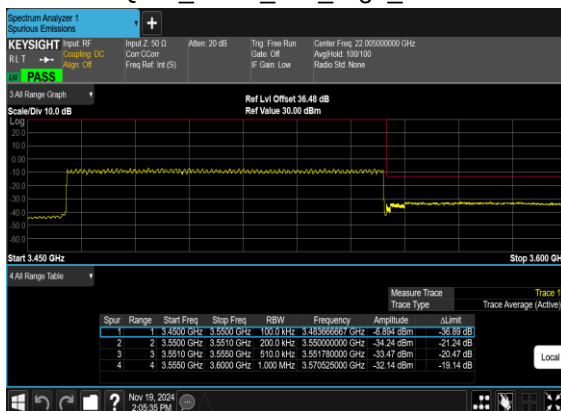


N78(90M)_CP-
OFDM_QPSK_Outer_Full_Low_CH



N78(90M)_CP-OFDM_16
QAM_Outer_Full_Low_CH



N78(90M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CHN78(90M)_CP-OFDM_16
QAM_Edge_1RB_Right_High_CHN78(90M)_CP-
OFDM_QPSK_Outer_Full_High_CHN78(90M)_CP-OFDM_16
QAM_Outer_Full_High_CH

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Zhaohui Liang	Temperature :	22~25°C
		Relative Humidity :	48~52%

RSE pre-scanned harmonic for different antennas, choose the worst antenna perform final test and record in the report.

SA n77 / NR 100MHz / QPSK / ANT3									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	6902.42	-53.18	-13	-40.18	-59.68	-56.48	8.30	11.60	H
	10353.63	-55.82	-13	-42.82	-67.18	-57.34	10.48	12.00	H
	13804.84	-52.80	-13	-39.80	-67.21	-54.50	11.80	13.50	H
	6902.42	-48.45	-13	-35.45	-56.23	-51.75	8.30	11.60	V
	10353.63	-53.72	-13	-40.72	-66.88	-55.24	10.48	12.00	V
	13804.84	-43.23	-13	-30.23	-56.45	-44.93	11.80	13.50	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

EN-DC_2A_n77A / LTE 10MHz + NR 100MHz / QPSK / ANT2 (LTE) & ANT3(NR)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n77 Middle	6902.42	-50.56	-13	-37.56	-57.06	-53.86	8.30	11.60	H
	10353.63	-56.93	-13	-43.93	-68.29	-58.45	10.48	12.00	H
	13804.84	-54.99	-13	-41.99	-69.40	-56.69	11.80	13.50	H
	6902.42	-43.16	-13	-30.16	-50.94	-46.46	8.30	11.60	V
	10353.63	-54.98	-13	-41.98	-68.14	-56.50	10.48	12.00	V
	13804.84	-49.12	-13	-36.12	-62.34	-50.82	11.80	13.50	V
LTE Band2 Middle	3742.18	-48.79	-13	-35.79	-71.63	-55.54	5.85	12.60	H
	5613.27	-55.67	-13	-42.67	-79.80	-61.47	7.30	13.10	H
	7484.36	-58.87	-13	-45.87	-66.44	-62.02	8.35	11.50	H
	3742.18	-48.50	-13	-35.50	-73.35	-55.25	5.85	12.60	V
	5613.27	-55.10	-13	-42.10	-80.08	-60.90	7.30	13.10	V
	7484.36	-59.61	-13	-46.61	-67.16	-62.76	8.35	11.50	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

EN-DC_13A_n77A / LTE 10MHz + NR 100MHz / QPSK(ANT1+7) Other PA									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n77 Middle	6902.42	-58.69	-13	-45.69	-65.19	-61.99	8.30	11.60	H
	10353.63	-56.92	-13	-43.92	-68.28	-58.44	10.48	12.00	H
	13804.84	-54.99	-13	-41.99	-69.40	-56.69	11.80	13.50	H
	6902.42	-45.72	-13	-32.72	-53.5	-49.02	8.30	11.60	V
	10353.63	-44.19	-13	-31.19	-57.35	-45.71	10.48	12.00	V
	13804.84	-55.22	-13	-42.22	-68.44	-56.92	11.80	13.50	V
LTE Band13 Middle	1555	-56.03	-13	-43.03	-67.28	-59.28	4.00	9.40	H
	2332.5	-51.26	-13	-38.26	-69.27	-54.83	4.88	10.60	H
	3110	-60.94	-13	-47.94	-80.90	-65.87	5.52	12.60	H
	1555	-56.88	-13	-43.88	-68.75	-60.13	4.00	9.40	V
	2332.5	-52.25	-13	-39.25	-70.54	-55.82	4.88	10.60	V
	3110	-59.18	-13	-46.18	-80.87	-64.11	5.52	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

n77 UL MIMO / NR 100+100MHz / QPSK(ANT3+7)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	6902.42	-54.57	-13	-41.57	-61.07	-57.87	8.30	11.60	H
	10353.63	-55.17	-13	-42.17	-66.53	-56.69	10.48	12.00	H
	13804.84	-54.66	-13	-41.66	-69.07	-56.36	11.80	13.50	H
	6902.42	-50.27	-13	-37.27	-58.05	-53.57	8.30	11.60	V
	10353.63	-48.26	-13	-35.26	-61.42	-49.78	10.48	12.00	V
	13804.84	-53.63	-13	-40.63	-66.85	-55.33	11.80	13.50	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.