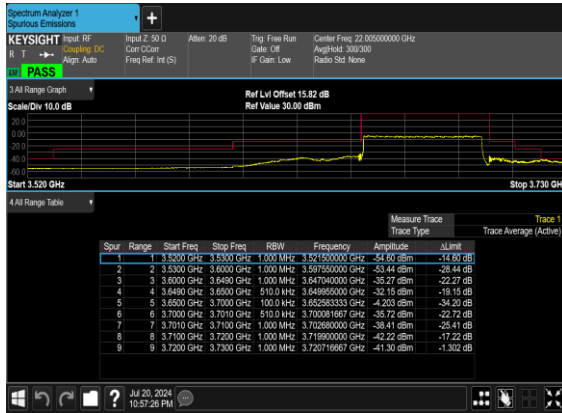
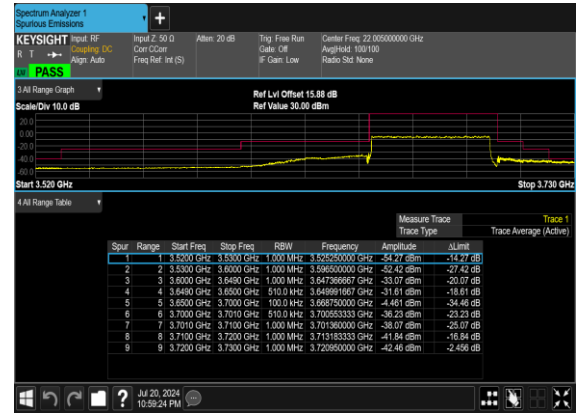




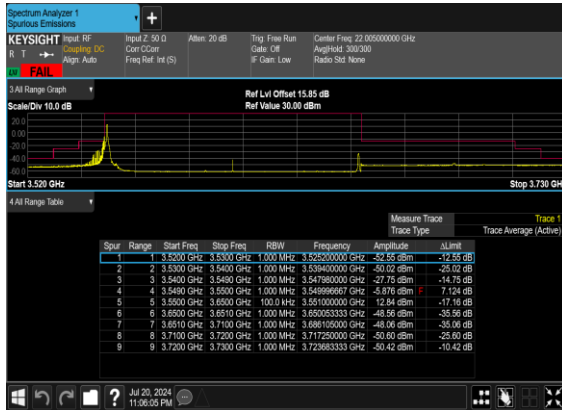
B2_N77(50M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



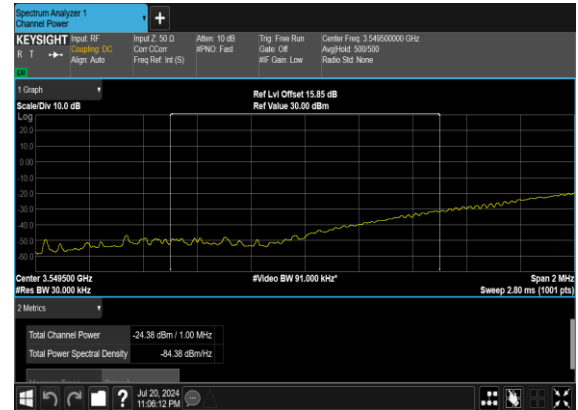
B2_N77(50M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



B2_N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

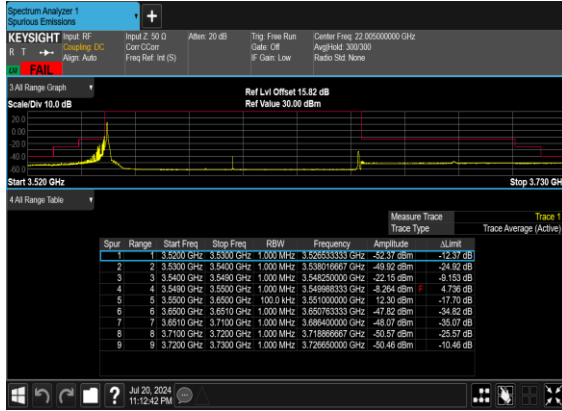


B2_N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_CHP_PASS

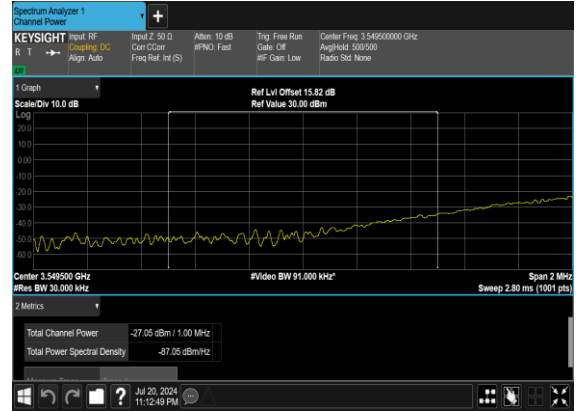




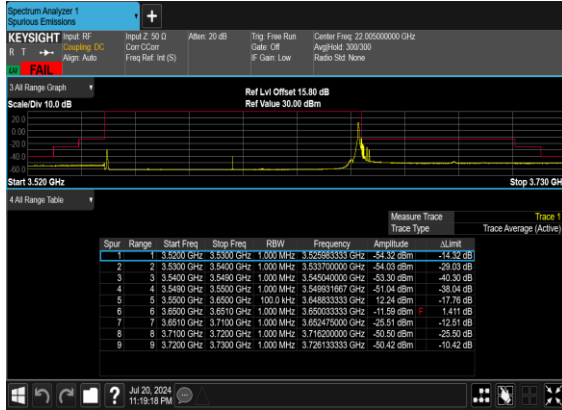
B2_N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



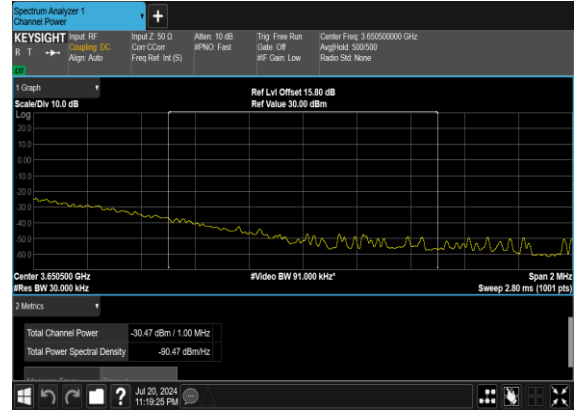
B2_N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_CHP_PASS



B2_N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Low_CH

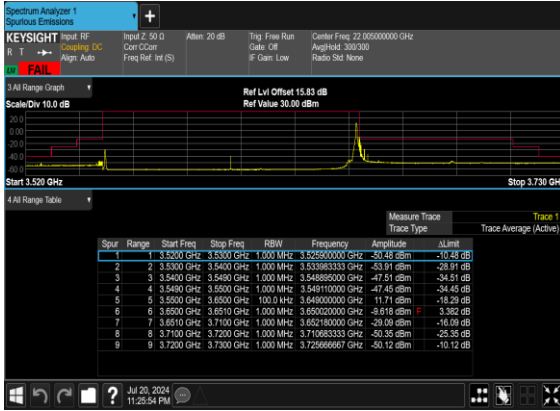


B2_N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Low_CH_CHP_PASS

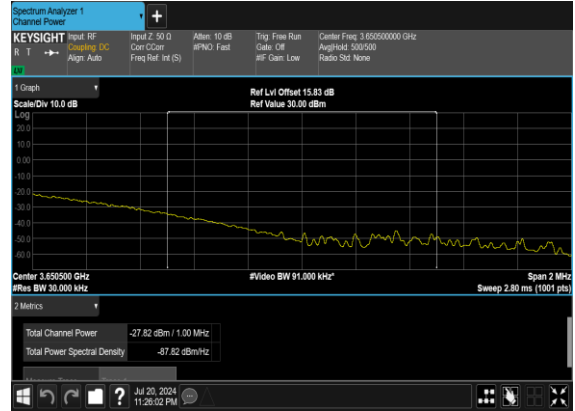




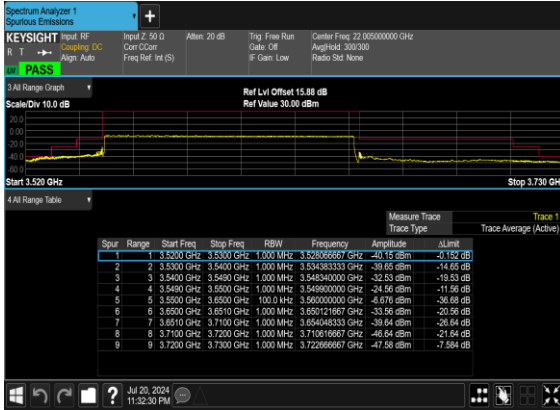
B2_N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Low_CH



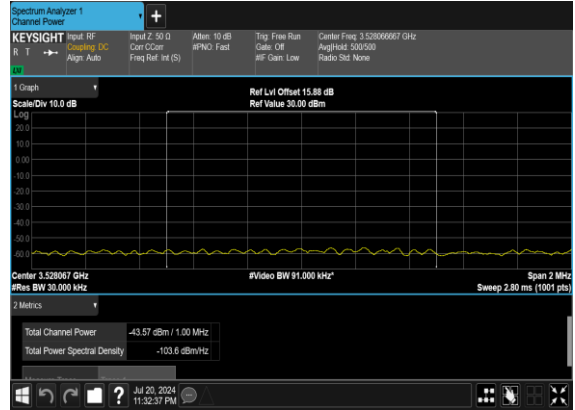
B2_N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Low_CH_CHP_PASS



B2_N77(100M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

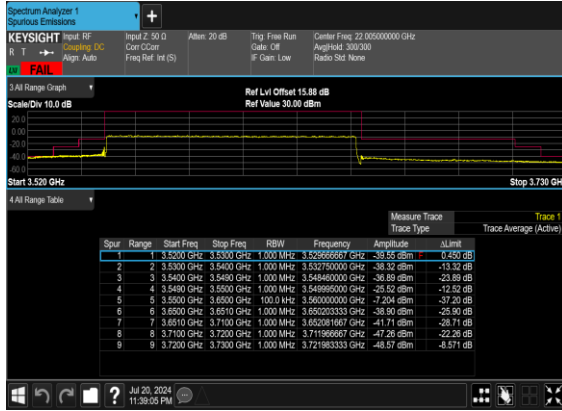


B2_N77(100M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH_CHP_PASS

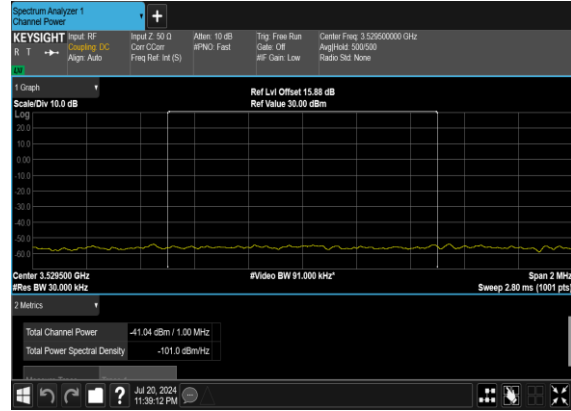




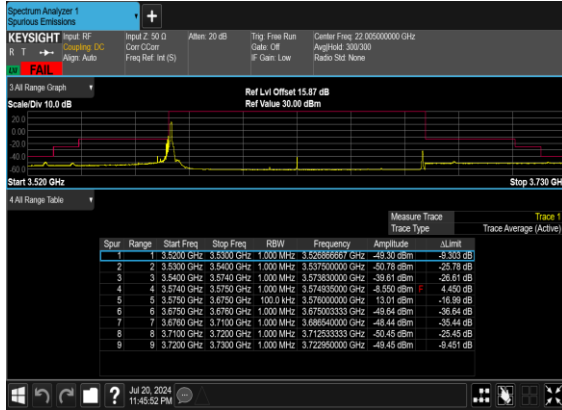
B2_N77(100M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



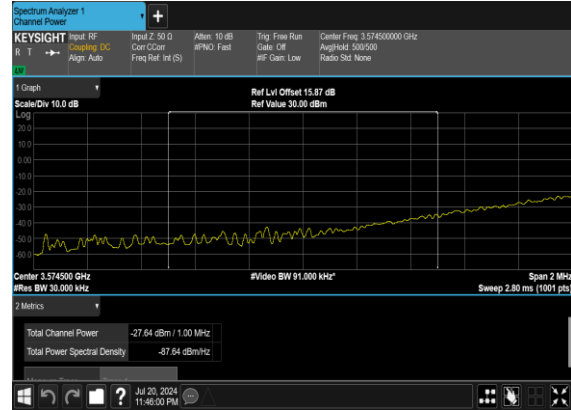
B2_N77(100M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH_CHP_PASS



B2_N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH

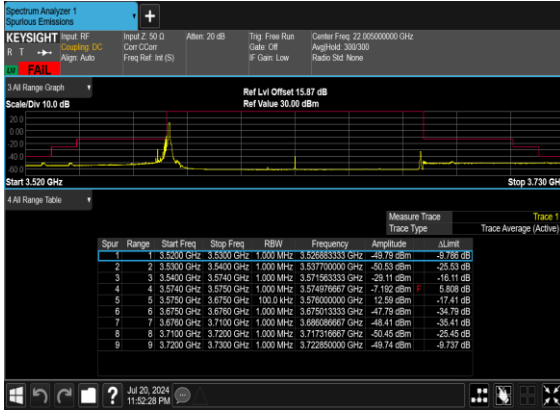


B2_N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH_CHP_PASS

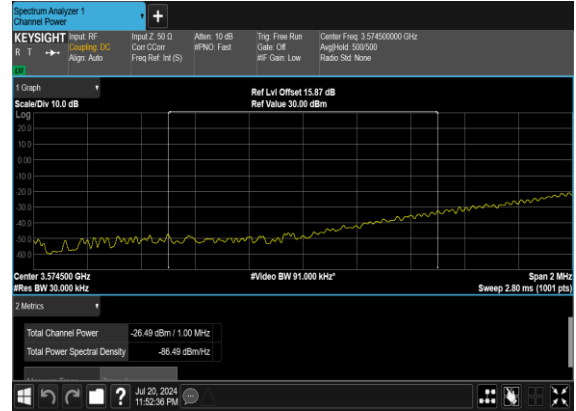




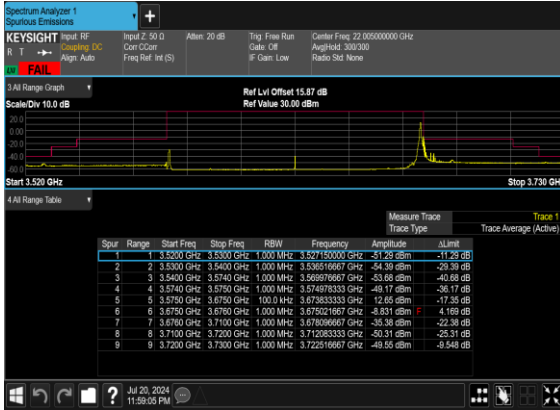
B2_N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



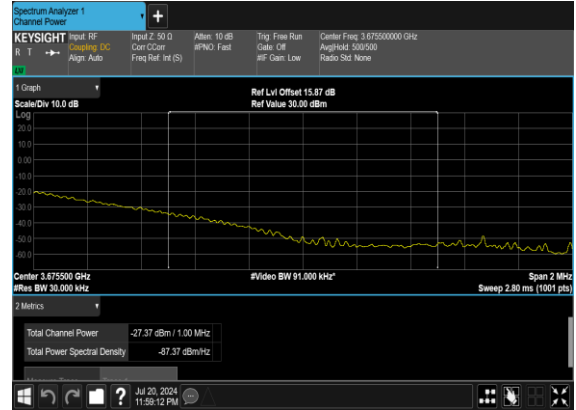
B2_N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH_CHP_PASS



B2_N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Mid_CH

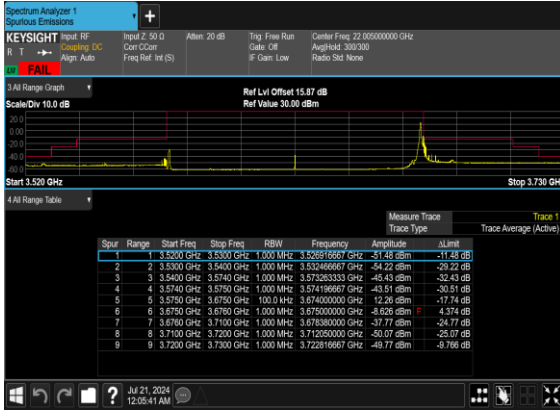


B2_N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Mid_CH_CHP_PASS

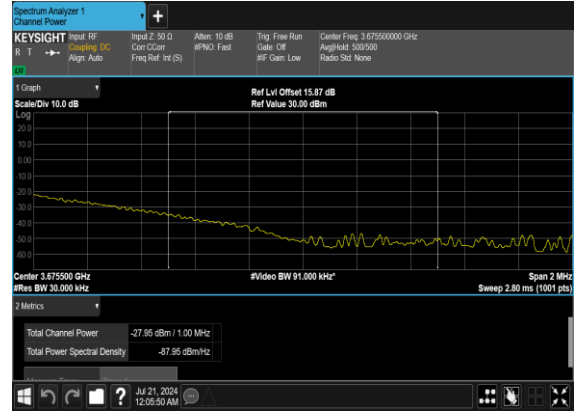




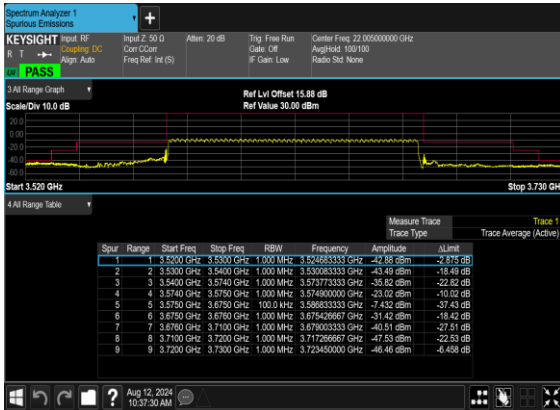
B2_N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Mid_CH



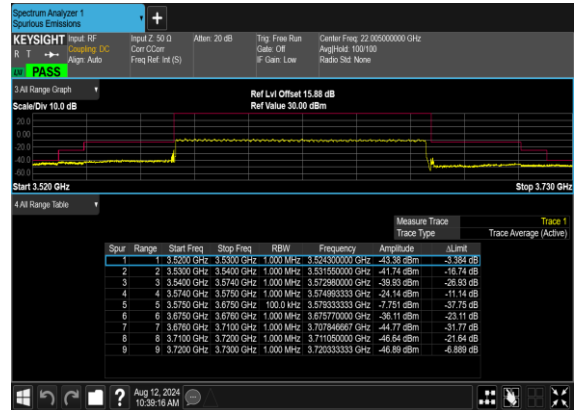
B2_N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Mid_CH_chp_PASS



B2_N77(100M)_DFT-s-OFDM_BPSK_Outer_Full_Mid_CH

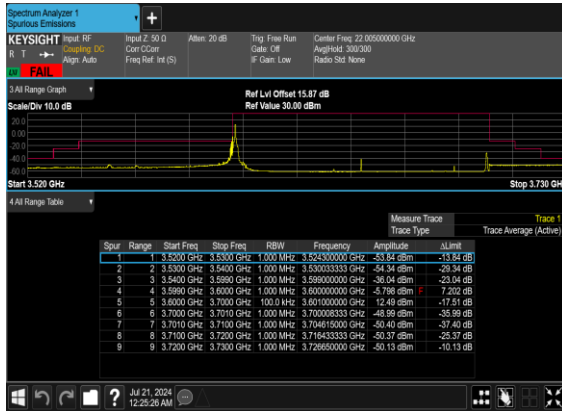


B2_N77(100M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

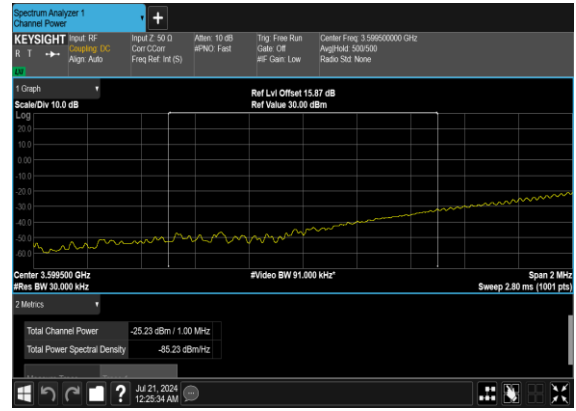




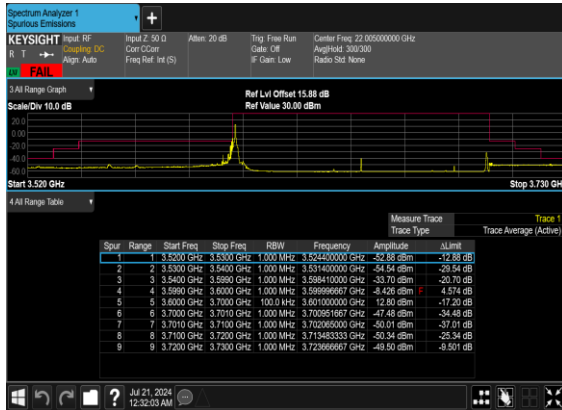
B2_N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



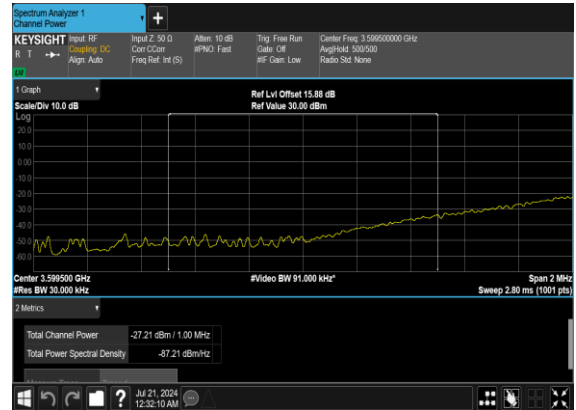
B2_N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH_CHP_PASS



B2_N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

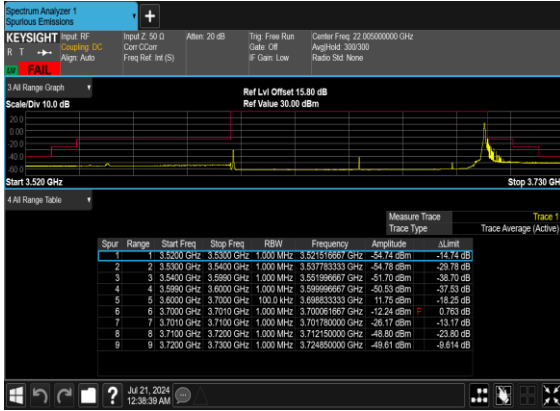


B2_N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH_CHP_PASS

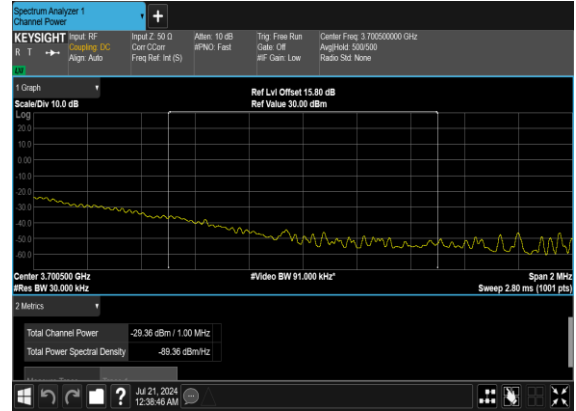




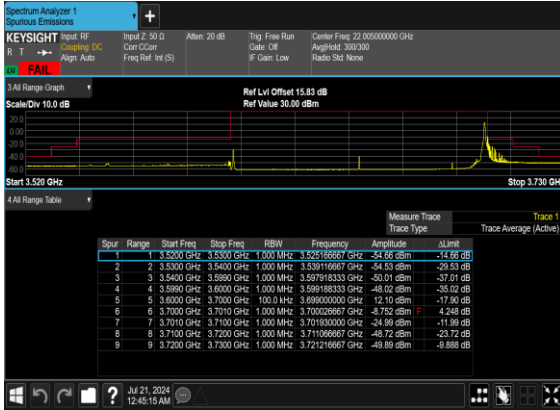
B2_N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



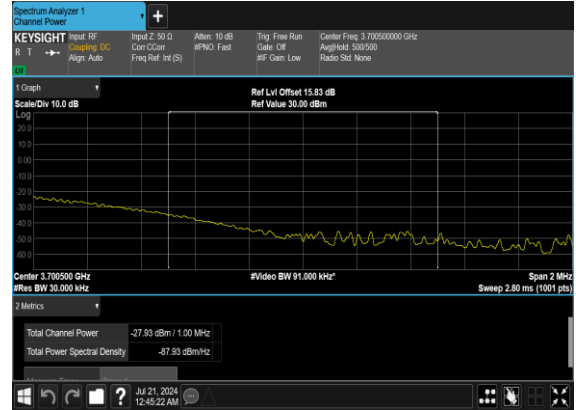
B2_N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH_CHP_PASS



B2_N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH

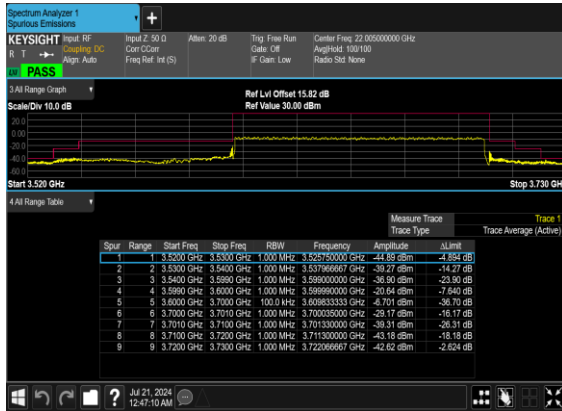


B2_N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH_CHP_PASS

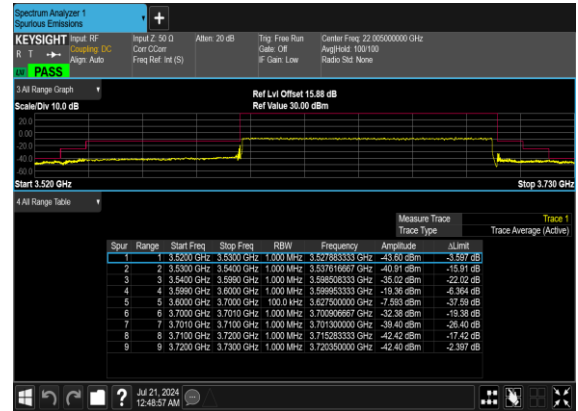




B2_N77(100M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



B2_N77(100M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH





Software Version: 23.06.1602

FR1 N78_ANT6

Transmitter Conducted Output Power And EIRP, (G_T - L_C)=0.1dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
78	30	10	637000	3555	DFT-s-OFDM QPSK	1@1	22.44	22.54	0.1795
78	30	10	637000	3555	DFT-s-OFDM 16 QAM	1@1	21.62	21.72	0.1486
78	30	10	641666	3624.99	DFT-s-OFDM QPSK	1@1	22.12	22.22	0.1667
78	30	10	641666	3624.99	DFT-s-OFDM 16 QAM	1@1	21.29	21.39	0.1377
78	30	10	646332	3694.98	DFT-s-OFDM QPSK	1@1	22.08	22.18	0.1652
78	30	10	646332	3694.98	DFT-s-OFDM 16 QAM	1@1	21.15	21.25	0.1334
78	30	15	637168	3557.52	DFT-s-OFDM QPSK	1@1	22.46	22.56	0.1803
78	30	15	637168	3557.52	DFT-s-OFDM 16 QAM	1@1	21.66	21.76	0.1500
78	30	15	641666	3624.99	DFT-s-OFDM QPSK	1@1	22.3	22.4	0.1738
78	30	15	641666	3624.99	DFT-s-OFDM 16 QAM	1@1	21.36	21.46	0.1400
78	30	15	646166	3692.49	DFT-s-OFDM QPSK	1@1	22.01	22.11	0.1626
78	30	15	646166	3692.49	DFT-s-OFDM 16 QAM	1@1	21.21	21.31	0.1352
78	30	20	637334	3560.01	DFT-s-OFDM QPSK	1@1	22.45	22.55	0.1799
78	30	20	637334	3560.01	DFT-s-OFDM 16 QAM	1@1	21.77	21.87	0.1538
78	30	20	641666	3624.99	DFT-s-OFDM QPSK	1@1	22.42	22.52	0.1786
78	30	20	641666	3624.99	DFT-s-OFDM 16 QAM	1@1	21.54	21.64	0.1459
78	30	20	646000	3690	DFT-s-OFDM QPSK	1@1	22.09	22.19	0.1656
78	30	20	646000	3690	DFT-s-OFDM 16 QAM	1@1	21.14	21.24	0.1330
78	30	30	637668	3565.02	DFT-s-OFDM QPSK	1@1	22.43	22.53	0.1791
78	30	30	637668	3565.02	DFT-s-OFDM 16 QAM	1@1	21.85	21.95	0.1567
78	30	30	641666	3624.99	DFT-s-OFDM QPSK	1@1	22.46	22.56	0.1803
78	30	30	641666	3624.99	DFT-s-OFDM 16 QAM	1@1	21.56	21.66	0.1466
78	30	30	645666	3684.99	DFT-s-OFDM QPSK	1@1	21.7	21.8	0.1514
78	30	30	645666	3684.99	DFT-s-OFDM 16 QAM	1@1	20.87	20.97	0.1250
78	30	40	638000	3570	DFT-s-OFDM QPSK	1@1	22.46	22.56	0.1803
78	30	40	638000	3570	DFT-s-OFDM 16 QAM	1@1	21.85	21.95	0.1567
78	30	40	641666	3624.99	DFT-s-OFDM QPSK	1@1	22.43	22.53	0.1791
78	30	40	641666	3624.99	DFT-s-OFDM 16 QAM	1@1	21.73	21.83	0.1524
78	30	40	645332	3679.98	DFT-s-OFDM QPSK	1@1	21.73	21.83	0.1524
78	30	40	645332	3679.98	DFT-s-OFDM 16 QAM	1@1	20.82	20.92	0.1236
78	30	50	638334	3575.01	DFT-s-OFDM QPSK	1@1	22.37	22.47	0.1766
78	30	50	638334	3575.01	DFT-s-OFDM 16 QAM	1@1	21.5	21.6	0.1445
78	30	50	641666	3624.99	DFT-s-OFDM QPSK	1@1	22.2	22.3	0.1698



78	30	50	641666	3624.99	DFT-s-OFDM 16 QAM	1@1	21.24	21.34	0.1361
78	30	50	645000	3675	DFT-s-OFDM QPSK	1@1	21.73	21.83	0.1524
78	30	50	645000	3675	DFT-s-OFDM 16 QAM	1@1	20.92	21.02	0.1265
78	30	60	638668	3580.02	DFT-s-OFDM QPSK	1@1	22.4	22.5	0.1778
78	30	60	638668	3580.02	DFT-s-OFDM 16 QAM	1@1	21.42	21.52	0.1419
78	30	60	641666	3624.99	DFT-s-OFDM QPSK	1@1	22.04	22.14	0.1637
78	30	60	641666	3624.99	DFT-s-OFDM 16 QAM	1@1	21.28	21.38	0.1374
78	30	60	644666	3669.99	DFT-s-OFDM QPSK	1@1	21.75	21.85	0.1531
78	30	60	644666	3669.99	DFT-s-OFDM 16 QAM	1@1	20.87	20.97	0.1250
78	30	70	639000	3585	DFT-s-OFDM QPSK	1@1	22.42	22.52	0.1786
78	30	70	639000	3585	DFT-s-OFDM 16 QAM	1@1	21.56	21.66	0.1466
78	30	70	641666	3624.99	DFT-s-OFDM QPSK	1@1	22.3	22.4	0.1738
78	30	70	641666	3624.99	DFT-s-OFDM 16 QAM	1@1	21.33	21.43	0.1390
78	30	70	644332	3664.98	DFT-s-OFDM QPSK	1@1	21.79	21.89	0.1545
78	30	70	644332	3664.98	DFT-s-OFDM 16 QAM	1@1	21.05	21.15	0.1303
78	30	80	639334	3590.01	DFT-s-OFDM QPSK	1@1	22.41	22.51	0.1782
78	30	80	639334	3590.01	DFT-s-OFDM 16 QAM	1@1	21.6	21.7	0.1479
78	30	80	641666	3624.99	DFT-s-OFDM QPSK	1@1	22.13	22.23	0.1671
78	30	80	641666	3624.99	DFT-s-OFDM 16 QAM	1@1	21.27	21.37	0.1371
78	30	80	644000	3660	DFT-s-OFDM QPSK	1@1	22.13	22.23	0.1671
78	30	80	644000	3660	DFT-s-OFDM 16 QAM	1@1	21.34	21.44	0.1393
78	30	90	639668	3595.02	DFT-s-OFDM QPSK	1@1	22.43	22.53	0.1791
78	30	90	639668	3595.02	DFT-s-OFDM 16 QAM	1@1	21.59	21.69	0.1476
78	30	90	641666	3624.99	DFT-s-OFDM QPSK	1@1	22.26	22.36	0.1722
78	30	90	641666	3624.99	DFT-s-OFDM 16 QAM	1@1	21.41	21.51	0.1416
78	30	90	643666	3654.99	DFT-s-OFDM QPSK	1@1	22.08	22.18	0.1652
78	30	90	643666	3654.99	DFT-s-OFDM 16 QAM	1@1	21.33	21.43	0.1390
78	30	100	640000	3600	DFT-s-OFDM PI/2 BPSK	135@67	22.28	22.38	0.1730
78	30	100	640000	3600	DFT-s-OFDM PI/2 BPSK	1@1	22.37	22.47	0.1766
78	30	100	640000	3600	DFT-s-OFDM PI/2 BPSK	1@271	21.67	21.77	0.1503
78	30	100	640000	3600	DFT-s-OFDM QPSK	135@67	22.28	22.38	0.1730
78	30	100	640000	3600	DFT-s-OFDM QPSK	1@1	22.47	22.57	0.1807
78	30	100	640000	3600	DFT-s-OFDM QPSK	1@271	21.6	21.7	0.1479
78	30	100	640000	3600	DFT-s-OFDM 16 QAM	135@67	21.38	21.48	0.1406
78	30	100	640000	3600	DFT-s-OFDM 16 QAM	1@1	21.57	21.67	0.1469
78	30	100	640000	3600	DFT-s-OFDM 16 QAM	1@271	20.81	20.91	0.1233
78	30	100	640000	3600	DFT-s-OFDM 64 QAM	135@67	19.89	19.99	0.0998
78	30	100	640000	3600	DFT-s-OFDM 64 QAM	1@1	20.09	20.19	0.1045
78	30	100	640000	3600	DFT-s-OFDM 64 QAM	1@271	19.08	19.18	0.0828
78	30	100	640000	3600	DFT-s-OFDM 256 QAM	135@67	17.85	17.95	0.0624
78	30	100	640000	3600	DFT-s-OFDM 256 QAM	1@1	17.91	18.01	0.0632



78	30	100	640000	3600	DFT-s-OFDM 256 QAM	1@271	17.08	17.18	0.0522
78	30	100	640000	3600	CP-OFDM QPSK	137@68	20.8	20.9	0.1230
78	30	100	640000	3600	CP-OFDM QPSK	1@1	21.14	21.24	0.1330
78	30	100	640000	3600	CP-OFDM QPSK	1@271	20.3	20.4	0.1096
78	30	100	641666	3624.99	DFT-s-OFDM PI/2 BPSK	135@67	22.03	22.13	0.1633
78	30	100	641666	3624.99	DFT-s-OFDM PI/2 BPSK	1@1	22.44	22.54	0.1795
78	30	100	641666	3624.99	DFT-s-OFDM PI/2 BPSK	1@271	21.77	21.87	0.1538
78	30	100	641666	3624.99	DFT-s-OFDM QPSK	135@67	22	22.1	0.1622
78	30	100	641666	3624.99	DFT-s-OFDM QPSK	1@1	22.31	22.41	0.1742
78	30	100	641666	3624.99	DFT-s-OFDM QPSK	1@271	21.79	21.89	0.1545
78	30	100	641666	3624.99	DFT-s-OFDM 16 QAM	135@67	21.1	21.2	0.1318
78	30	100	641666	3624.99	DFT-s-OFDM 16 QAM	1@1	21.53	21.63	0.1455
78	30	100	641666	3624.99	DFT-s-OFDM 16 QAM	1@271	20.79	20.89	0.1227
78	30	100	641666	3624.99	DFT-s-OFDM 64 QAM	135@67	19.65	19.75	0.0944
78	30	100	641666	3624.99	DFT-s-OFDM 64 QAM	1@1	20.03	20.13	0.1030
78	30	100	641666	3624.99	DFT-s-OFDM 64 QAM	1@271	19.45	19.55	0.0902
78	30	100	641666	3624.99	DFT-s-OFDM 256 QAM	135@67	17.63	17.73	0.0593
78	30	100	641666	3624.99	DFT-s-OFDM 256 QAM	1@1	17.75	17.85	0.0610
78	30	100	641666	3624.99	DFT-s-OFDM 256 QAM	1@271	17.25	17.35	0.0543
78	30	100	641666	3624.99	CP-OFDM QPSK	137@68	20.58	20.68	0.1169
78	30	100	641666	3624.99	CP-OFDM QPSK	1@1	21	21.1	0.1288
78	30	100	641666	3624.99	CP-OFDM QPSK	1@271	20.26	20.36	0.1086
78	30	100	643332	3649.98	DFT-s-OFDM PI/2 BPSK	135@67	21.91	22.01	0.1589
78	30	100	643332	3649.98	DFT-s-OFDM PI/2 BPSK	1@1	22.35	22.45	0.1758
78	30	100	643332	3649.98	DFT-s-OFDM PI/2 BPSK	1@271	21.78	21.88	0.1542
78	30	100	643332	3649.98	DFT-s-OFDM QPSK	135@67	21.79	21.89	0.1545
78	30	100	643332	3649.98	DFT-s-OFDM QPSK	1@1	22.26	22.36	0.1722
78	30	100	643332	3649.98	DFT-s-OFDM QPSK	1@271	21.74	21.84	0.1528
78	30	100	643332	3649.98	DFT-s-OFDM 16 QAM	135@67	21.01	21.11	0.1291
78	30	100	643332	3649.98	DFT-s-OFDM 16 QAM	1@1	21.42	21.52	0.1419
78	30	100	643332	3649.98	DFT-s-OFDM 16 QAM	1@271	20.89	20.99	0.1256
78	30	100	643332	3649.98	DFT-s-OFDM 64 QAM	135@67	19.54	19.64	0.0920
78	30	100	643332	3649.98	DFT-s-OFDM 64 QAM	1@1	19.9	20	0.1000
78	30	100	643332	3649.98	DFT-s-OFDM 64 QAM	1@271	19.31	19.41	0.0873
78	30	100	643332	3649.98	DFT-s-OFDM 256 QAM	135@67	17.47	17.57	0.0571
78	30	100	643332	3649.98	DFT-s-OFDM 256 QAM	1@1	17.59	17.69	0.0587
78	30	100	643332	3649.98	DFT-s-OFDM 256 QAM	1@271	17.23	17.33	0.0541
78	30	100	643332	3649.98	CP-OFDM QPSK	137@68	20.38	20.48	0.1117
78	30	100	643332	3649.98	CP-OFDM QPSK	1@1	20.99	21.09	0.1285
78	30	100	643332	3649.98	CP-OFDM QPSK	1@271	20.41	20.51	0.1125



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Zhaohui Liang	Temperature :	23~25°C
		Relative Humidity :	48~52%

Note: Pre-scanned harmonic for the different antenna combinations, we choose the worst antenna mode to perform final test.

SA n77 / 100MHz / QPSK / ANT6									
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)
Lowest	7102.4	-50.47	-40	-10.47	-58.66	-53.80	8.25	11.58	H
	10653.6	-53.61	-40	-13.61	-66.49	-55.16	10.45	12.00	H
	14204.8	-54.94	-40	-14.94	-70.82	-56.65	11.74	13.45	H
	7102.4	-43.46	-40	-3.46	-52.81	-46.79	8.25	11.58	V
	10653.6	-46.41	-40	-6.41	-61.75	-47.96	10.45	12.00	V
	14204.8	-55.39	-40	-15.39	-70.66	-57.10	11.74	13.45	V
Middle	7152.50	-50.95	-40	-10.95	-59.35	-54.25	8.30	11.60	H
	10728.75	-49.23	-40	-9.23	-62.41	-50.75	10.48	12.00	H
	14305.00	-53.80	-40	-13.80	-69.82	-55.50	11.80	13.50	H
	7152.50	-43.99	-40	-3.99	-54.03	-47.29	8.30	11.60	V
	10728.75	-46.70	-40	-6.70	-62.4	-48.22	10.48	12.00	V
	14305.00	-54.32	-40	-14.32	-69.81	-56.02	11.80	13.50	V
Highest	7202.36	-53.92	-40	-13.92	-62.53	-57.22	8.32	11.62	H
	10803.54	-52.79	-40	-12.79	-66.35	-54.47	10.52	12.20	H
	14404.72	-54.37	-40	-14.37	-70.53	-56.07	11.85	13.55	H
	7202.36	-44.54	-40	-4.54	-55.28	-47.84	8.32	11.62	V
	10803.54	-50.49	-40	-10.49	-65.64	-52.17	10.52	12.20	V
	14404.72	-55.09	-40	-15.09	-70.79	-56.79	11.85	13.55	V

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



EN-DC_14A_n77A / LTE 10MHz + NR 100MHz / QPSK (ANT1+6)									
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 Lowest	7102.4	-52.92	-40	-12.92	-61.11	-56.25	8.25	11.58	H
	10653.6	-55.15	-40	-15.15	-68.03	-56.70	10.45	12.00	H
	14204.8	-53.72	-40	-13.72	-69.60	-55.43	11.74	13.45	H
	7102.4	-43.40	-40	-3.40	-52.75	-46.73	8.25	11.58	V
	10653.6	-52.94	-40	-12.94	-68.28	-54.49	10.45	12.00	V
	14204.8	-54.24	-40	-14.24	-69.51	-55.95	11.74	13.45	V
LTE Band14 Middle	1577	-68.10	-42.15	-25.95	-60.90	-71.35	4.00	9.40	H
	2365.5	-63.42	-13	-50.42	-62.32	-66.99	4.88	10.60	H
	3154	-62.02	-13	-49.02	-62.75	-66.95	5.52	12.60	H
	1577	-67.80	-42.15	-25.65	-61.17	-71.05	4.00	9.40	V
	2365.5	-62.88	-13	-49.88	-62.24	-66.45	4.88	10.60	V
	3154	-59.96	-13	-46.96	-62.62	-64.89	5.52	12.60	V
NR n77 Middle	7152.50	-52.37	-40	-12.37	-60.77	-55.67	8.30	11.60	H
	10728.75	-53.93	-40	-13.93	-67.11	-55.45	10.48	12.00	H
	14305.00	-53.70	-40	-13.70	-69.72	-55.40	11.80	13.50	H
	7152.50	-43.14	-40	-3.14	-53.18	-46.44	8.30	11.60	V
	10728.75	-50.24	-40	-10.24	-65.94	-51.76	10.48	12.00	V
	14305.00	-54.42	-40	-14.42	-69.91	-56.12	11.80	13.50	V
LTE Band14 Middle	1577	-68.55	-42.15	-26.40	-61.35	-71.80	4.00	9.40	H
	2365.5	-63.39	-13	-50.39	-62.29	-66.96	4.88	10.60	H
	3154	-62.16	-13	-49.16	-62.89	-67.09	5.52	12.60	H
	1577	-67.96	-42.15	-25.81	-61.33	-71.21	4.00	9.40	V
	2365.5	-62.87	-13	-49.87	-62.23	-66.44	4.88	10.60	V
	3154	-60.16	-13	-47.16	-62.82	-65.09	5.52	12.60	V
NR n77 Highest	7202.36	-52.88	-40	-12.88	-61.49	-56.18	8.32	11.62	H
	10803.54	-54.62	-40	-14.62	-68.18	-56.30	10.52	12.20	H
	14404.72	-53.89	-40	-13.89	-70.05	-55.59	11.85	13.55	H
	7202.36	-43.10	-40	-3.10	-53.84	-46.40	8.32	11.62	V
	10803.54	-52.95	-40	-12.95	-68.1	-54.63	10.52	12.20	V
	14404.72	-54.25	-40	-14.25	-69.95	-55.95	11.85	13.55	V
LTE Band14 Middle	1577	-68.55	-42.15	-26.40	-61.35	-71.80	4.00	9.40	H
	2365.5	-63.40	-13	-50.40	-62.30	-66.97	4.88	10.60	H
	3154	-61.97	-13	-48.97	-62.70	-66.90	5.52	12.60	H
	1577	-67.82	-42.15	-25.67	-61.19	-71.07	4.00	9.40	V
	2365.5	-62.89	-13	-49.89	-62.25	-66.46	4.88	10.60	V
	3154	-60.08	-13	-47.08	-62.74	-65.01	5.52	12.60	V

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