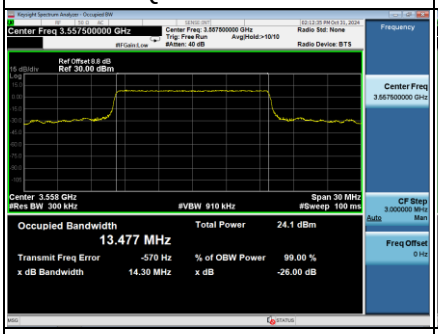
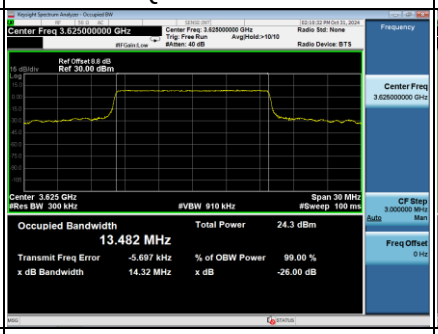
LTE Band 48_15MHz									
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)				26dB Bandwidth (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
55315	3557.5	13.477	13.480	12.956	12.943	14.30	14.33	13.80	13.79
55990	3625.0	13.482	13.482	12.953	12.939	14.32	14.36	13.76	13.72
56665	3692.5	13.480	13.486	12.958	12.946	14.32	14.31	13.76	13.73

Spectrum Plot

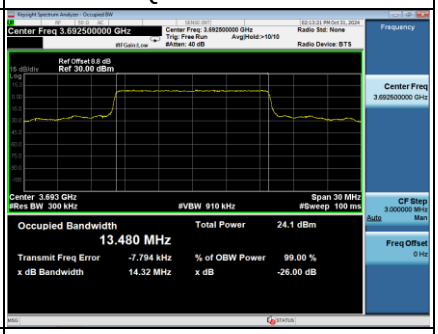
QPSK-55315



QPSK-55990



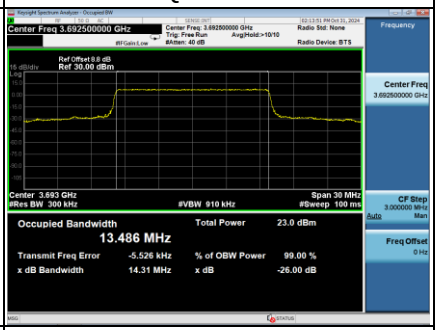
QPSK-56665



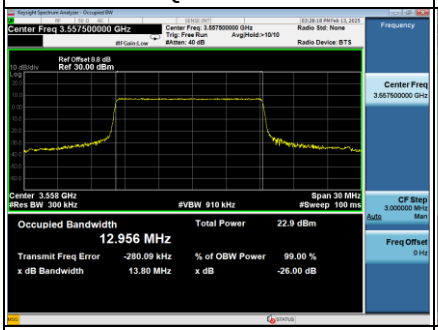
16QAM-55315

16QAM-55990

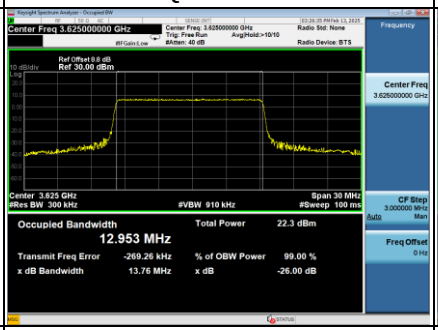
16QAM-56665



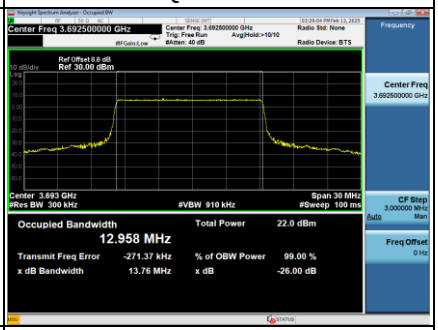
64QAM-55315



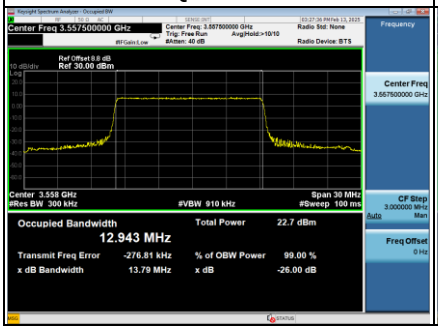
64QAM-55990



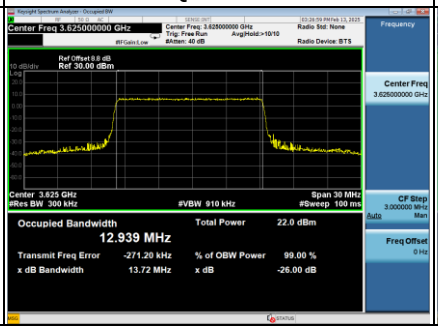
64QAM-56665



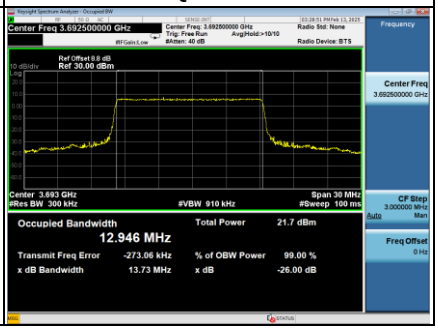
256QAM-55315



256QAM-55990



256QAM-56665

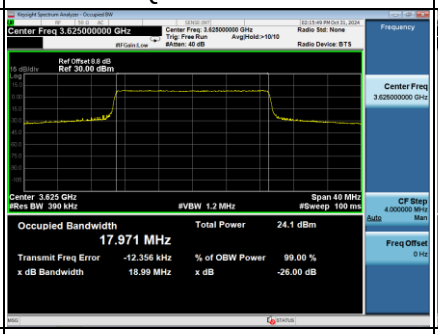


LTE Band 48_20MHz									
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)				26dB Bandwidth (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
55340	3560.0	17.991	17.960	17.297	16.194	19.00	18.98	18.33	17.18
55990	3625.0	17.971	17.963	17.276	16.218	18.99	18.98	18.25	17.22
56640	3690.0	17.981	17.972	17.244	16.213	18.99	18.98	18.33	17.23

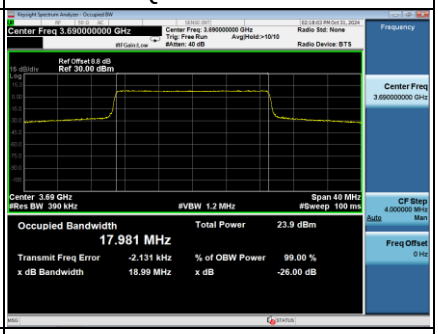
Spectrum Plot

QPSK-55340

QPSK-55990



QPSK-56640

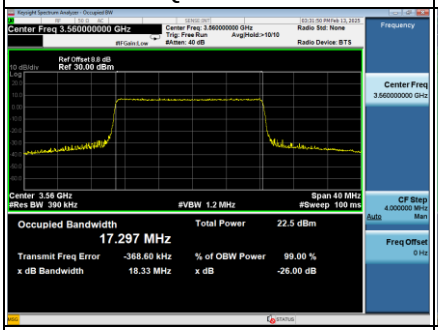


16QAM-55340

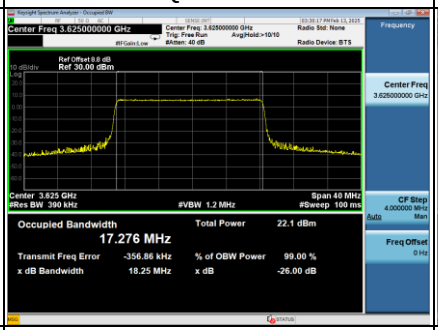
16QAM-55990

16QAM-56640

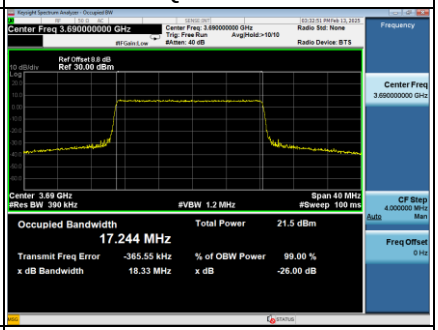
64QAM-55340



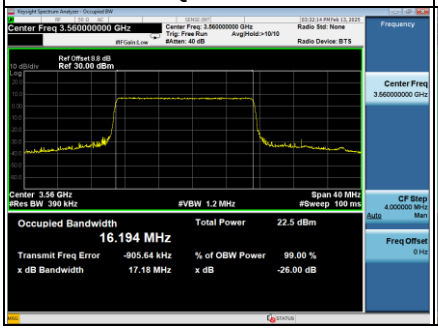
64QAM-55990



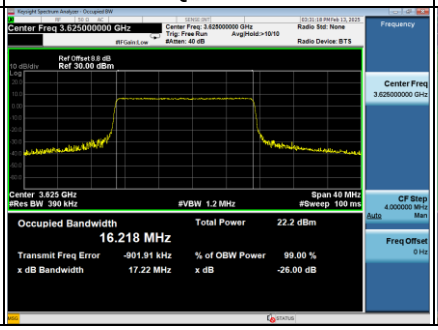
64QAM-56640



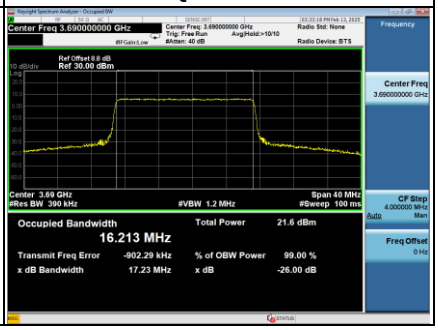
256QAM-55340



256QAM-55990



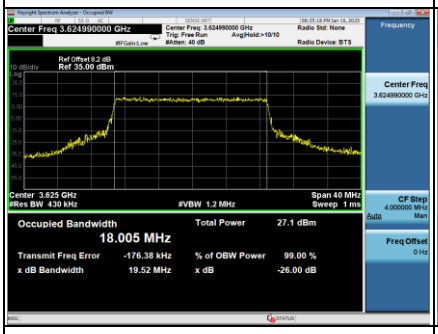
256QAM-56640



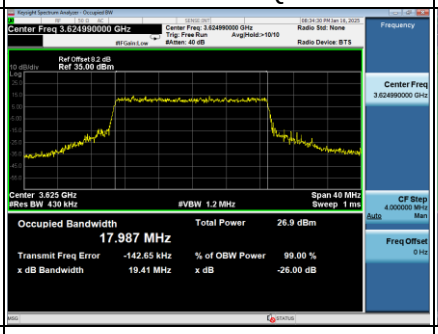
NR n48_Mid CH_20MHz		
Modulation	99% Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)
DFT-s-OFDM PI/2 BPSK	18.005	19.52
DFT-s-OFDM QPSK	17.987	19.41
DFT-s-OFDM 16QAM	17.960	19.32
DFT-s-OFDM 64QAM	17.972	19.70
DFT-s-OFDM 256QAM	17.966	20.82
CP-OFDM QPSK	18.366	20.37
CP-OFDM 16QAM	18.330	20.14
CP-OFDM 64QAM	18.384	20.02
CP-OFDM 256QAM	18.410	20.65

Spectrum Plot

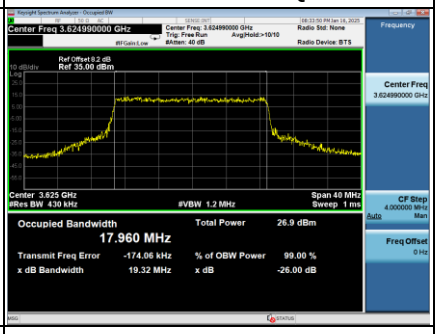
DFT-s-OFDM PI/2 BPSK



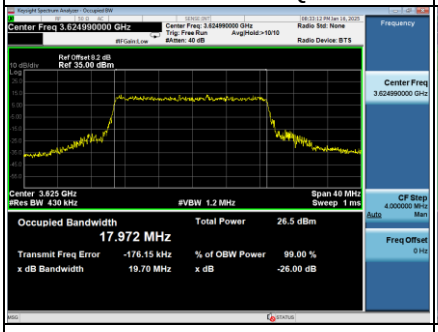
DFT-s-OFDM QPSK



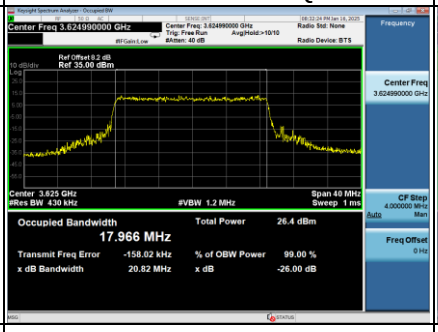
DFT-s-OFDM 16QAM



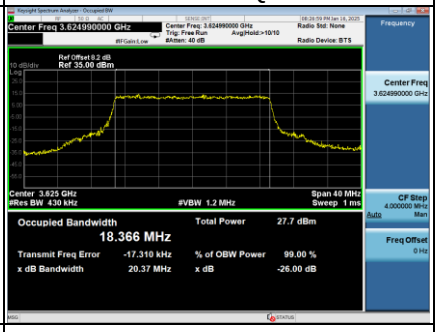
DFT-s-OFDM 64QAM



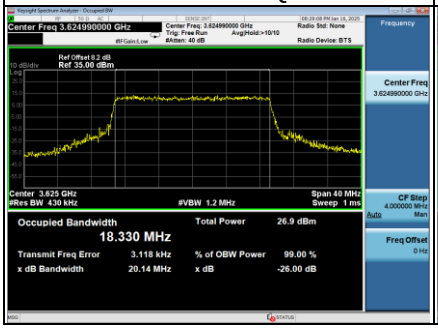
DFT-s-OFDM 256QAM



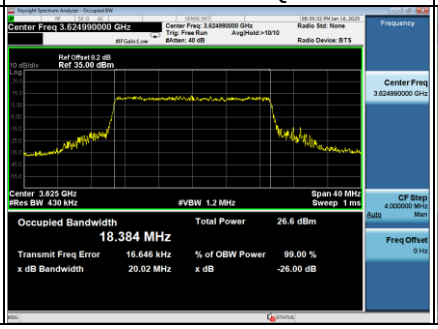
CP-OFDM QPSK



CP-OFDM 16QAM

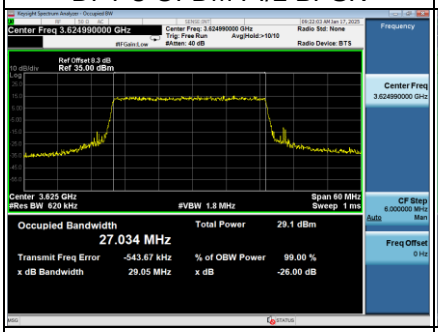
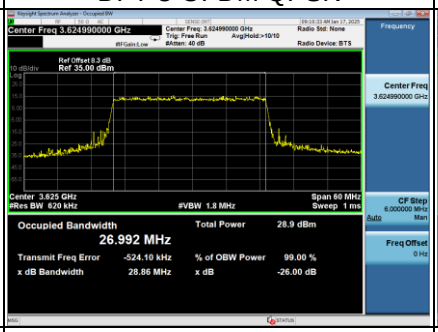
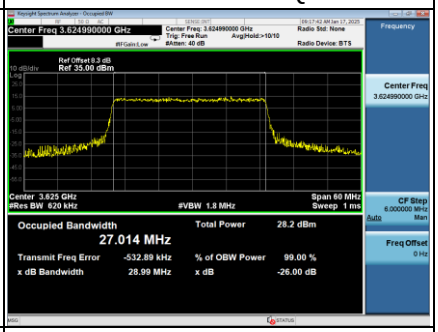
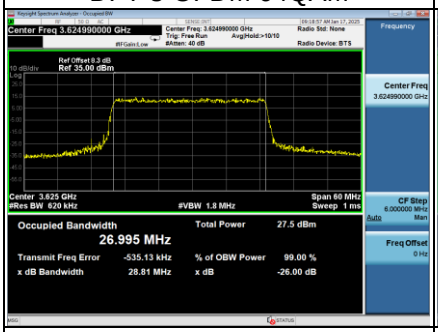
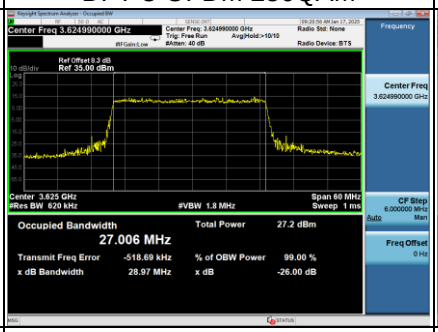
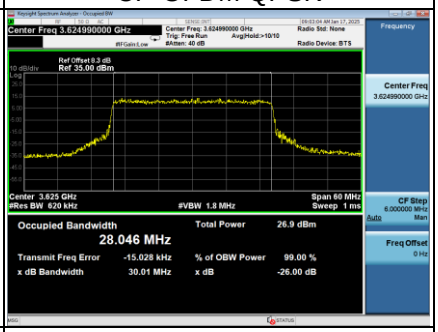
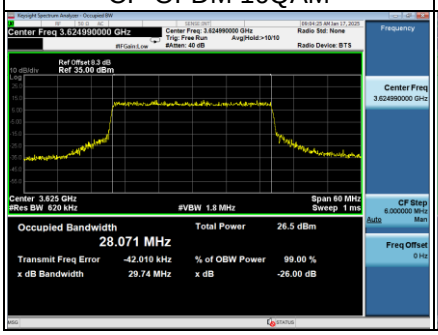
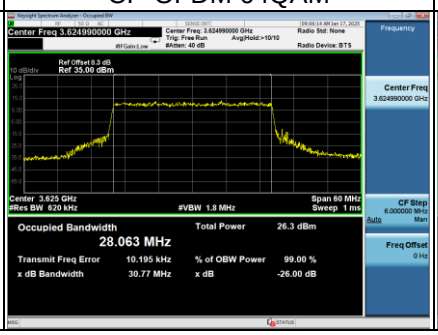
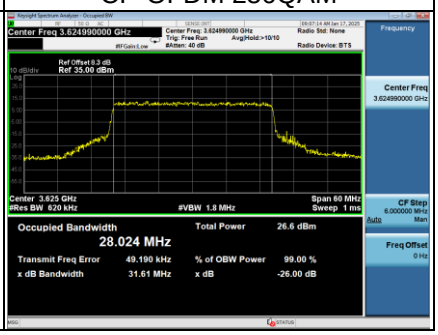


CP-OFDM 64QAM

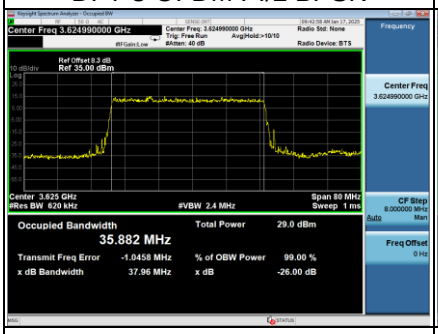
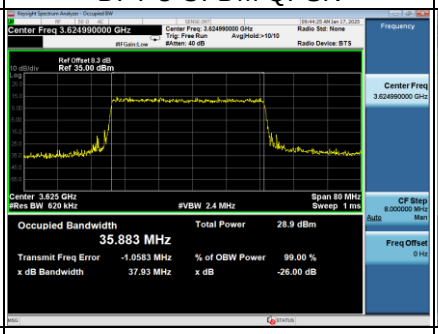
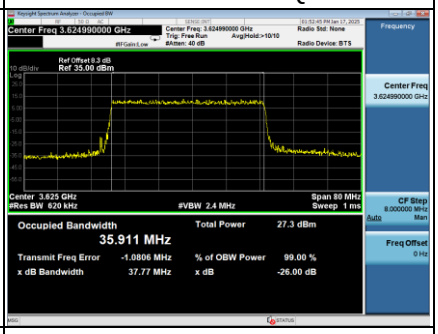
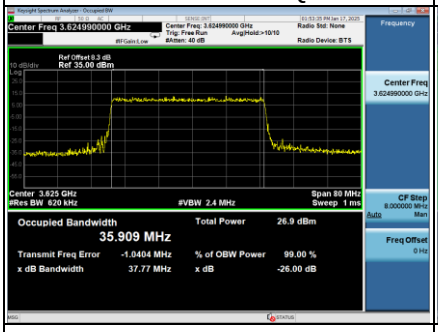
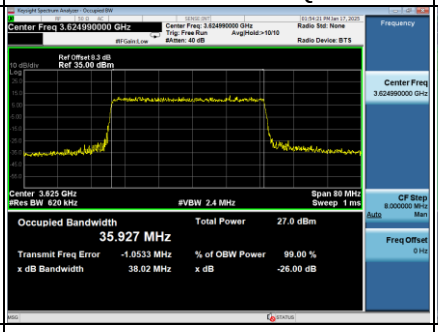
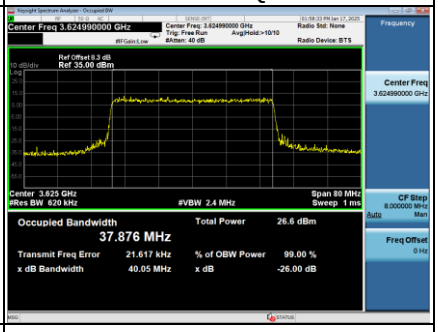
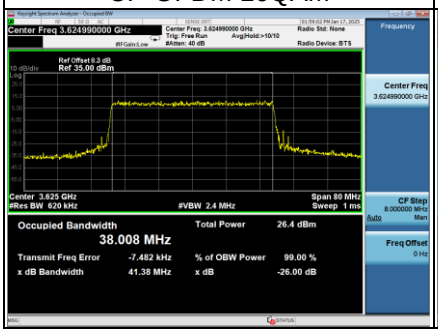
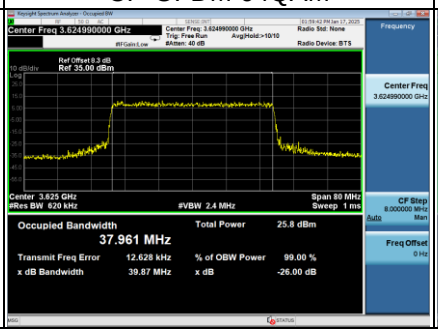
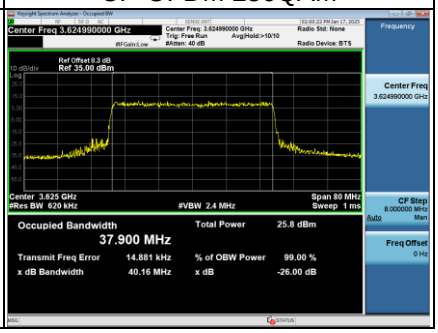


CP-OFDM 256QAM

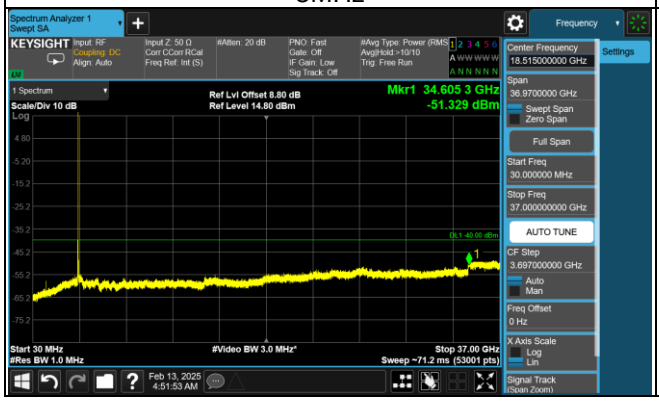
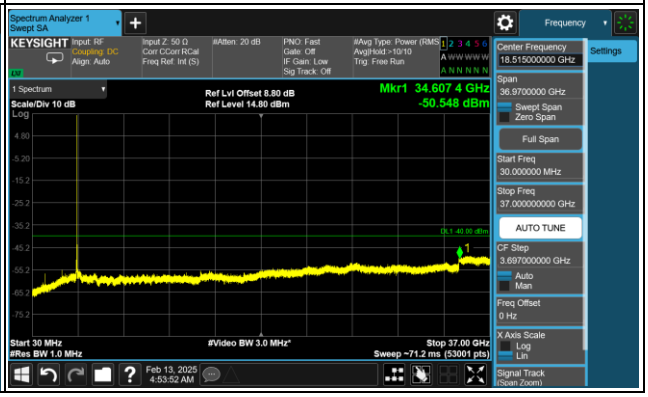
NR n48_Mid CH_30MHz		
Modulation	99% Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)
DFT-s-OFDM PI/2 BPSK	27.034	29.05
DFT-s-OFDM QPSK	26.992	28.86
DFT-s-OFDM 16QAM	27.014	28.99
DFT-s-OFDM 64QAM	26.995	28.81
DFT-s-OFDM 256QAM	27.006	28.97
CP-OFDM QPSK	28.046	30.01
CP-OFDM 16QAM	28.071	29.74
CP-OFDM 64QAM	28.063	30.77
CP-OFDM 256QAM	28.024	31.61

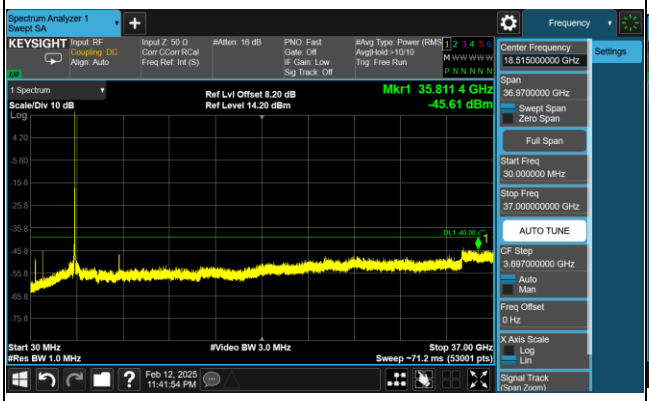
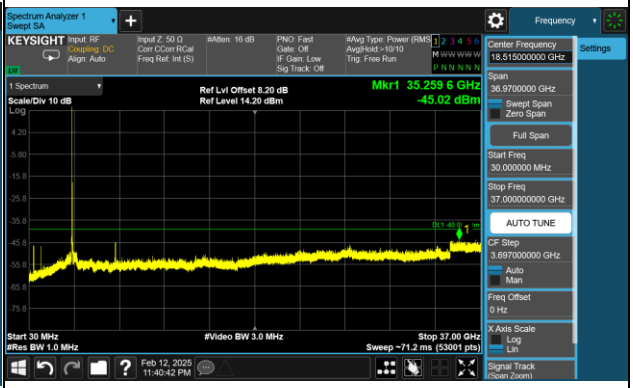
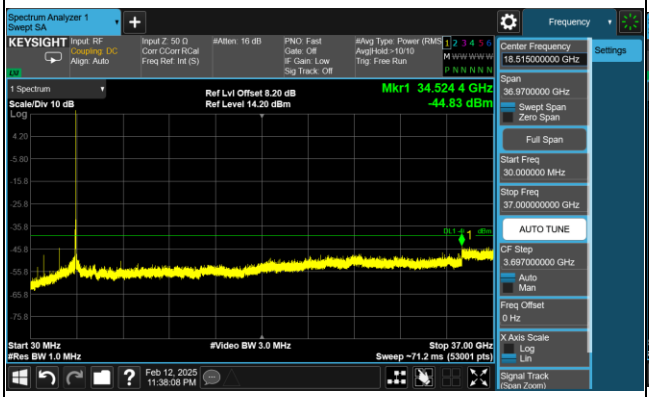
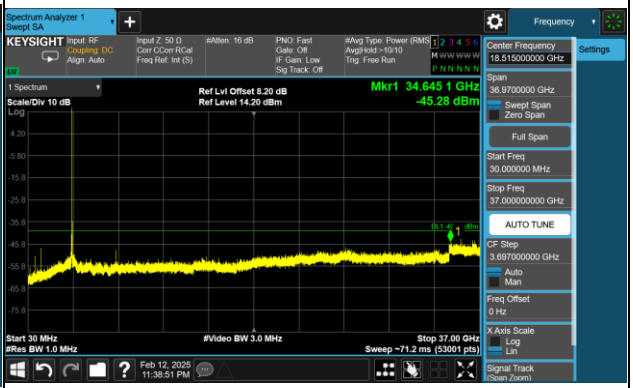
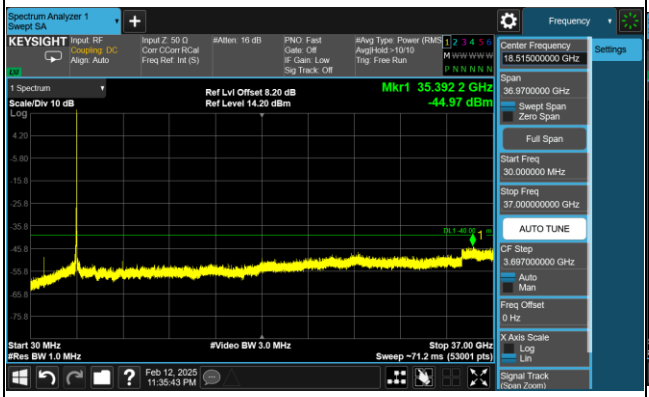
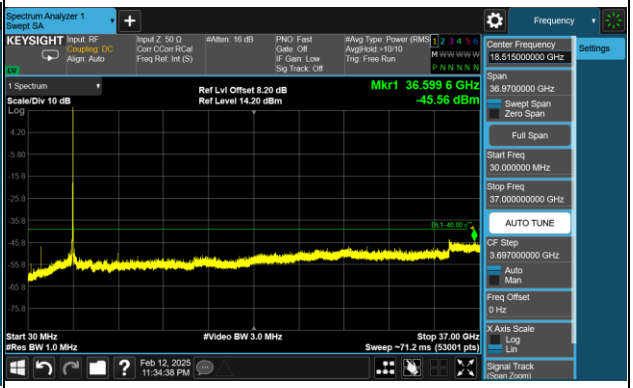
Spectrum Plot		
DFT-s-OFDM PI/2 BPSK	DFT-s-OFDM QPSK	DFT-s-OFDM 16QAM
		
DFT-s-OFDM 64QAM	DFT-s-OFDM 256QAM	CP-OFDM QPSK
		
CP-OFDM 16QAM	CP-OFDM 64QAM	CP-OFDM 256QAM
		

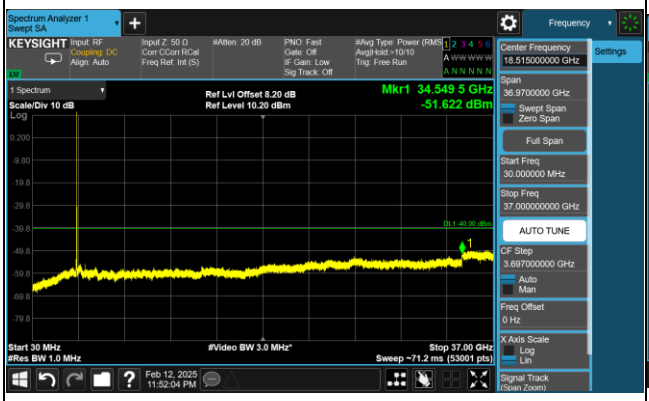
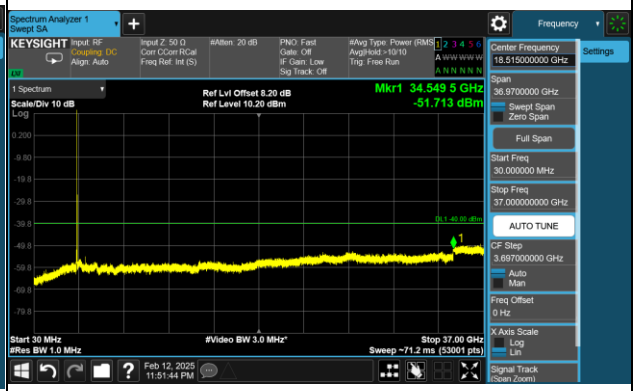
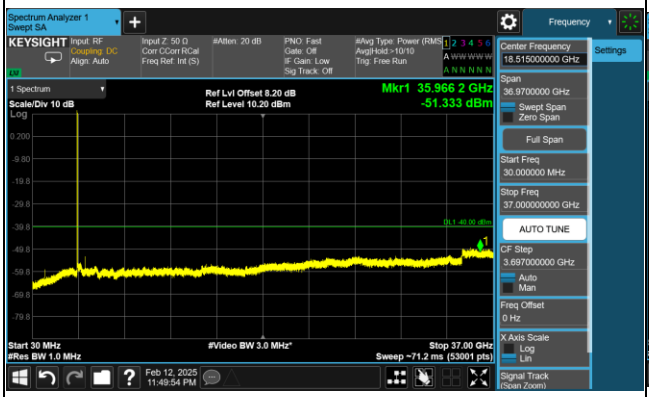
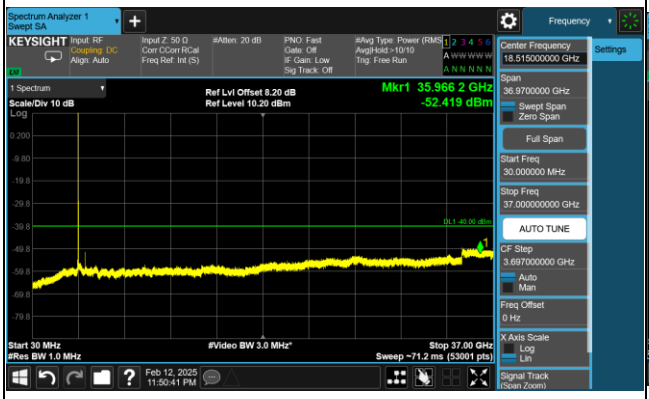
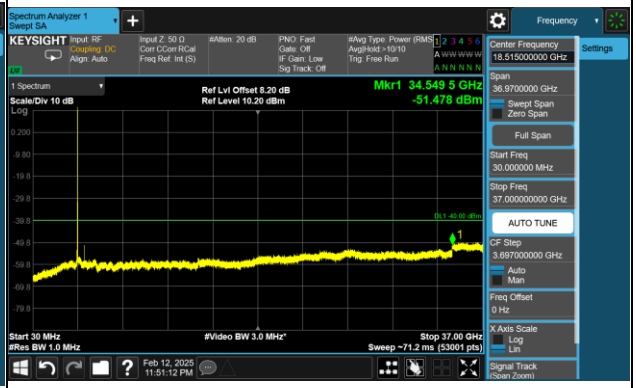
NR n48_Mid CH_40MHz		
Modulation	99% Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)
DFT-s-OFDM PI/2 BPSK	35.882	37.96
DFT-s-OFDM QPSK	35.883	37.93
DFT-s-OFDM 16QAM	35.911	37.77
DFT-s-OFDM 64QAM	35.909	37.77
DFT-s-OFDM 256QAM	35.927	38.02
CP-OFDM QPSK	37.876	40.05
CP-OFDM 16QAM	38.008	41.38
CP-OFDM 64QAM	37.961	39.87
CP-OFDM 256QAM	37.900	40.16

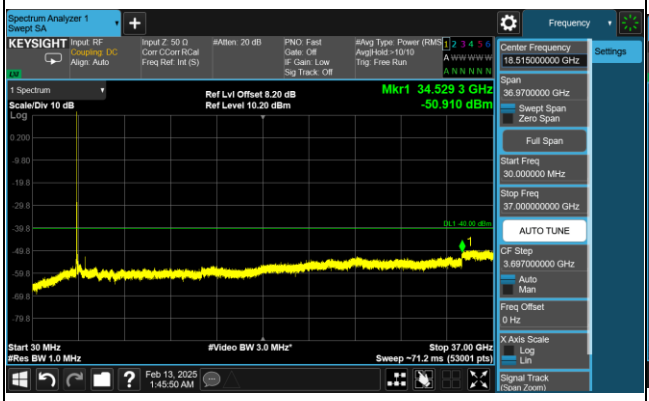
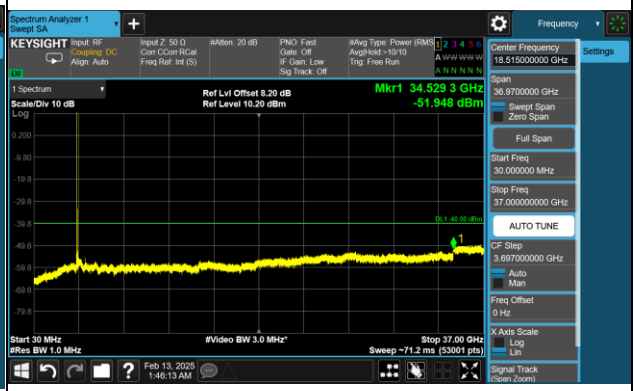
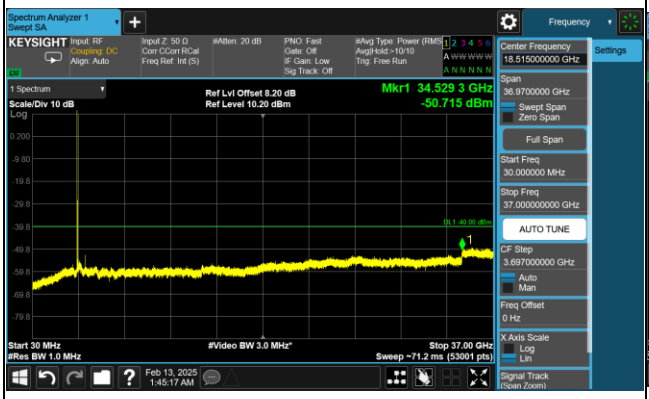
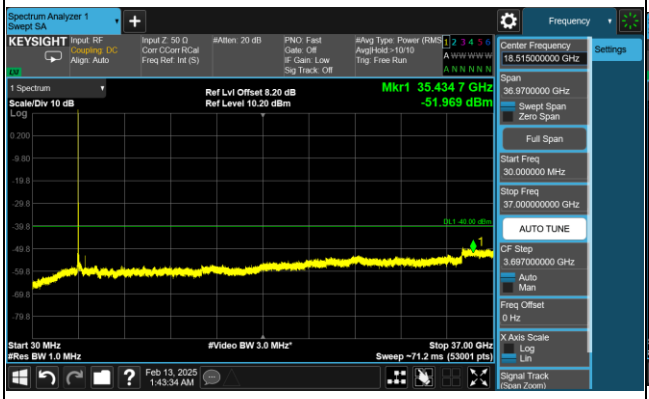
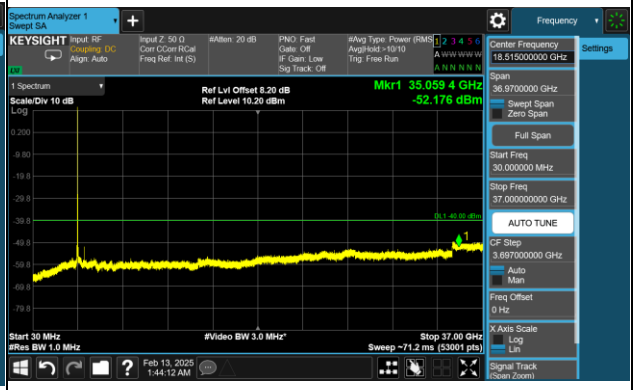
Spectrum Plot		
DFT-s-OFDM PI/2 BPSK	DFT-s-OFDM QPSK	DFT-s-OFDM 16QAM
		
DFT-s-OFDM 64QAM	DFT-s-OFDM 256QAM	CP-OFDM QPSK
		
CP-OFDM 16QAM	CP-OFDM 64QAM	CP-OFDM 256QAM
		

APPENDIX C - CONDUCTED EMISSIONS

LTE Band 48_5MHz_CH55990 Spectrum Plot	
5MHz	20MHz
	

NR n48_20M Spectrum Plot			
DFT-s-OFDM PI/2 BPSK		DFT-s-OFDM QPSK	
Channel	Low	Channel	Low
			
Channel	Mid	Channel	Mid
			
Channel	High	Channel	High
			

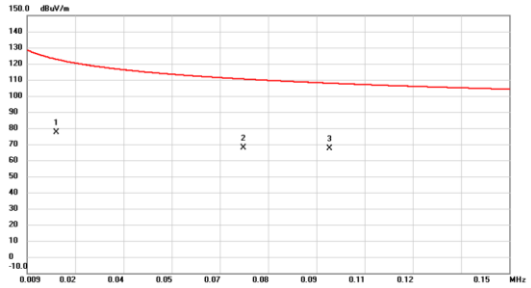
NR n48_30M Spectrum Plot			
DFT-s-OFDM PI/2 BPSK		DFT-s-OFDM QPSK	
Channel	Low	Channel	Low
			
Channel	Mid	Channel	Mid
			
Channel	High	Channel	High
			

NR n48_40M Spectrum Plot			
DFT-s-OFDM PI/2 BPSK		DFT-s-OFDM QPSK	
Channel	Low	Channel	Low
			
Channel	Mid	Channel	Mid
			
Channel	High	Channel	High
			

APPENDIX D - RADIATED SPURIOUS EMISSIONS (9KHZ TO 30MHZ)

Test Mode :	TX Mode

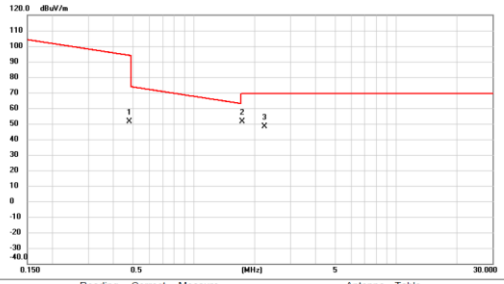
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		0.0175	56.74	20.77	77.51	122.74	-45.23	AVG			
2		0.0722	46.37	21.31	67.68	110.43	-42.75	AVG			
3	*	0.0974	46.18	21.34	67.52	107.83	-40.31	QP			

Test Mode :	TX Mode

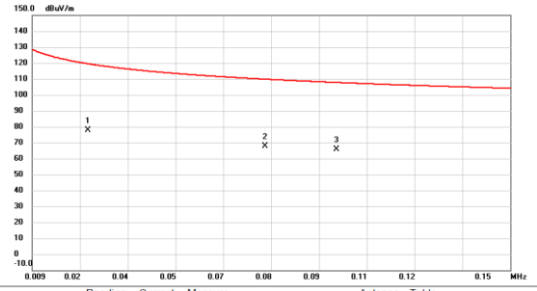
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		0.4783	30.51	21.06	51.57	94.01	-42.44	QP			
2	*	1.7321	30.21	21.14	51.35	69.54	-18.19	QP			
3		2.2395	27.10	21.11	48.21	69.54	-21.33	QP			

Test Mode :	TX Mode

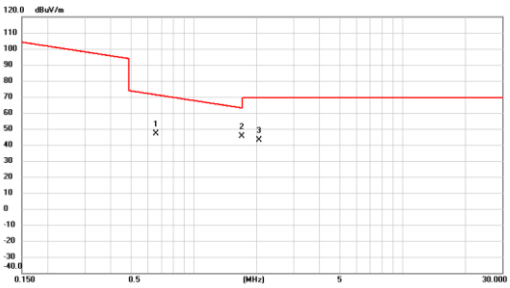
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	0.0255	56.88	21.00	77.88	119.47	-41.59	AVG			
2		0.0777	46.40	21.33	67.73	109.80	-42.07	AVG			
3		0.0988	44.30	21.34	65.64	107.71	-42.07	QP			

Test Mode :	TX Mode

Ant 90°

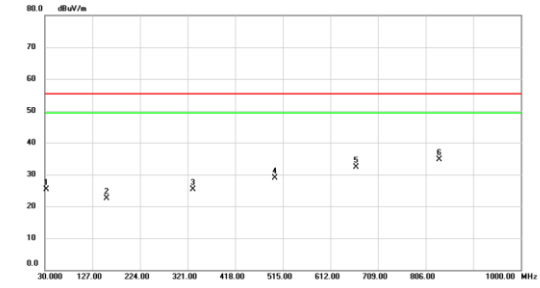


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		0.6574	25.71	21.11	46.82	71.25	-24.43	QP			
2	*	1.7022	24.39	21.14	45.53	62.98	-17.45	QP			
3		2.0604	22.09	21.11	43.20	69.54	-26.34	QP			

APPENDIX E - RADIATED SPURIOUS EMISSIONS (30MHZ TO 1000MHZ)

Test Mode :	LTE Band 48_TX CH55990_5MHz

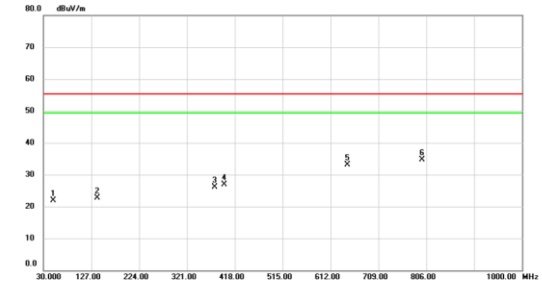
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		33.395	37.81	-12.60	25.21	55.30	-30.09	peak	
2		156.585	33.55	-11.05	22.50	55.30	-32.80	peak	
3		332.155	34.76	-9.50	25.26	55.30	-30.04	peak	
4		498.995	34.65	-5.84	28.81	55.30	-26.49	peak	
5		663.895	34.80	-2.55	32.25	55.30	-23.05	peak	
6	*	833.645	35.34	-0.61	34.73	55.30	-20.57	peak	

Test Mode :	LTE Band 48_TX CH55990_5MHz

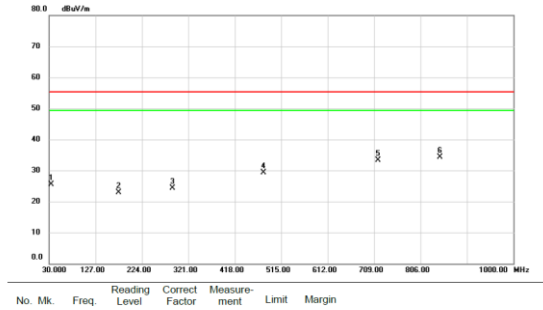
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		49.400	33.15	-11.30	21.85	55.30	-33.45	peak	
2		139.125	34.47	-11.74	22.73	55.30	-32.57	peak	
3		376.775	34.74	-8.59	26.15	55.30	-29.15	peak	
4		397.145	35.00	-8.12	26.88	55.30	-28.42	peak	
5		646.920	35.79	-2.63	33.16	55.30	-22.14	peak	
6	*	797.270	35.53	-0.86	34.67	55.30	-20.63	peak	

Test Mode :	LTE Band 48_TX CH55990_20MHz

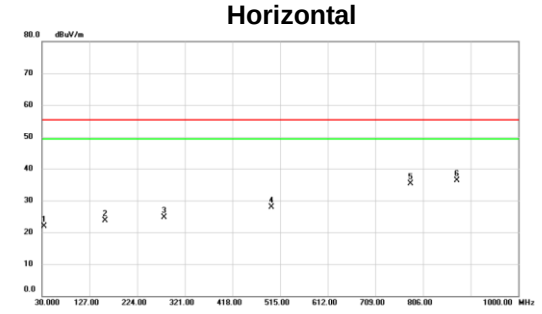
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		34.365	38.04	-12.45	25.59	55.30	-29.71	peak	
2		175.015	34.92	-11.95	22.97	55.30	-32.33	peak	
3		287.535	34.90	-10.66	24.24	55.30	-31.06	peak	
4		477.655	35.53	-6.16	29.37	55.30	-25.93	peak	
5		717.245	35.36	-1.96	33.40	55.30	-21.90	peak	
6	*	846.255	34.78	-0.52	34.26	55.30	-21.04	peak	

Test Mode :	LTE Band 48_TX CH55990_20MHz

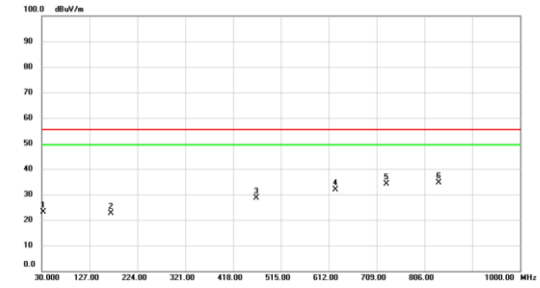
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		33.880	34.47	-12.51	21.96	55.30	-33.34	peak	
2		158.525	34.69	-11.03	23.66	55.30	-31.64	peak	
3		279.290	35.61	-10.90	24.71	55.30	-30.59	peak	
4		497.055	33.72	-5.88	27.84	55.30	-27.46	peak	
5		780.295	36.14	-0.85	35.29	55.30	-20.01	peak	
6	*	875.355	36.33	0.02	36.35	55.30	-18.95	peak	

Test Mode :	5G NR n48_TX Mid CH_20MHz

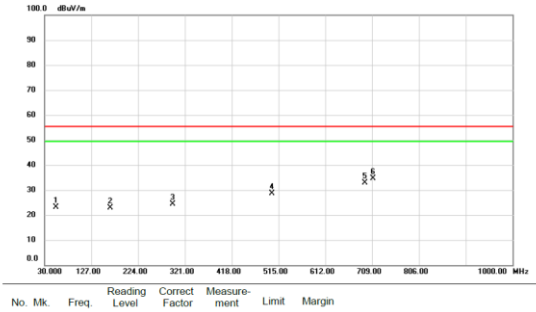
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		32.910	35.88	-12.69	23.19	55.30	-32.11	peak	
2		170.650	34.09	-11.53	22.56	55.30	-32.74	peak	
3		464.560	34.97	-6.36	28.61	55.30	-26.69	peak	
4		626.065	34.86	-3.09	31.77	55.30	-23.53	peak	
5		729.370	35.72	-1.53	34.19	55.30	-21.11	peak	
6	*	835.585	35.27	-0.60	34.67	55.30	-20.63	peak	

Test Mode :	5G NR n48_TX Mid CH_20MHz

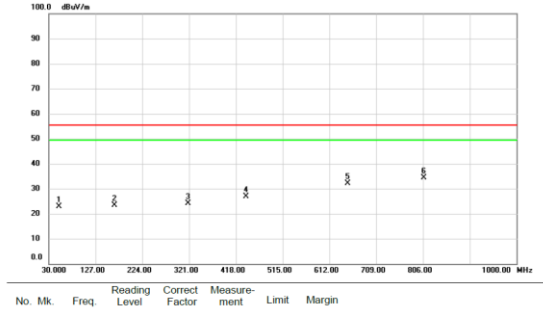
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		54.250	34.47	-11.42	23.05	55.30	-32.25	peak	
2		166.285	34.13	-11.29	22.84	55.30	-32.46	peak	
3		295.780	35.02	-10.55	24.47	55.30	-30.83	peak	
4		500.935	34.39	-5.81	28.58	55.30	-26.72	peak	
5		693.480	35.45	-2.55	32.90	55.30	-22.40	peak	
6	*	710.940	36.71	-2.18	34.53	55.30	-20.77	peak	

Test Mode :	5G NR n48_TX Mid CH_40MHz

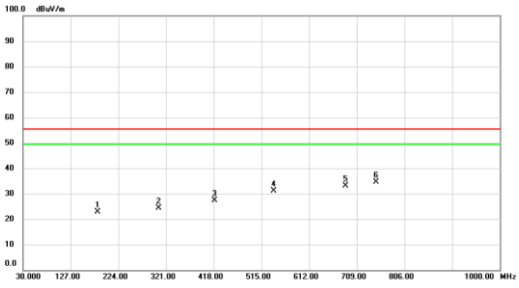
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		51.825	34.16	-11.33	22.83	55.30	-32.47	peak	
2		165.800	34.56	-11.28	23.28	55.30	-32.02	peak	
3		319.545	34.02	-9.88	24.14	55.30	-31.16	peak	
4		439.340	33.76	-6.90	26.86	55.30	-28.44	peak	
5		650.800	34.73	-2.56	32.17	55.30	-23.13	peak	
6	*	807.455	35.16	-0.81	34.35	55.30	-20.95	peak	

Test Mode :	5G NR n48_TX Mid CH_40MHz

Horizontal

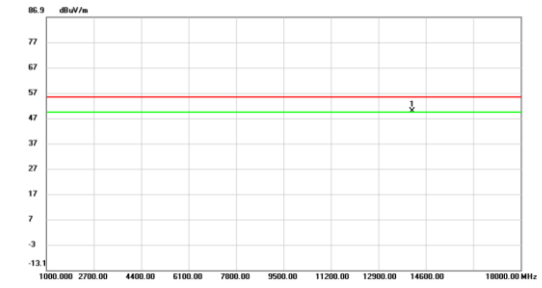


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		181.320	35.40	-12.58	22.82	55.30	-32.48	peak	
2		306.450	34.66	-10.30	24.36	55.30	-30.94	peak	
3		420.425	34.82	-7.46	27.36	55.30	-27.94	peak	
4		540.220	36.30	-5.08	31.22	55.30	-24.08	peak	
5		686.205	35.79	-2.56	33.23	55.30	-22.07	peak	
6	*	747.800	35.49	-0.89	34.60	55.30	-20.70	peak	

APPENDIX F - RADIATED SPURIOUS EMISSIONS (ABOVE 1000MHZ)

Test Mode :	LTE Band 48_TX CH55990_5MHz

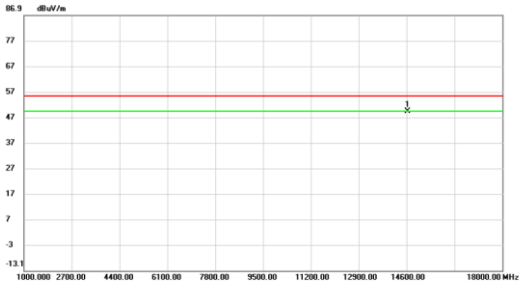
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	14107.000	37.44	12.35	49.79	55.30	-5.51	peak	

Test Mode :	LTE Band 48_TX CH55990_5MHz

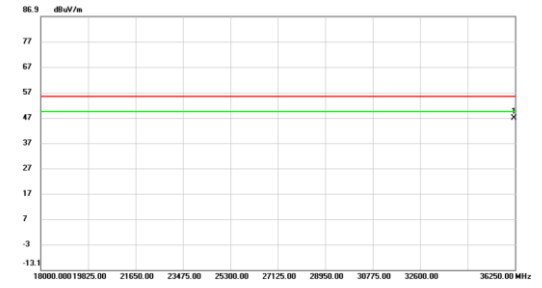
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	14625.500	37.89	11.35	49.24	55.30	-6.06	peak	

Test Mode :	LTE Band 48_TX CH55990_5MHz

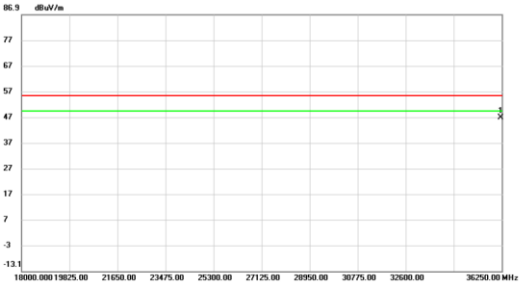
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	36204.375	39.92	6.93	46.85	55.30	-8.45	peak	

Test Mode :	LTE Band 48_TX CH55990_5MHz

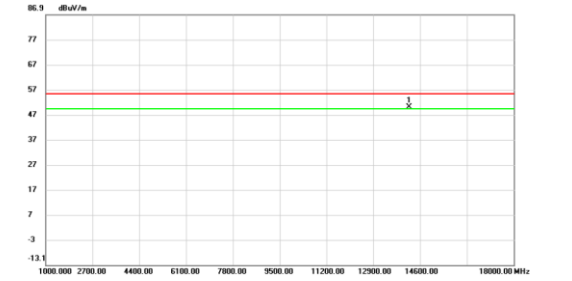
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	36213.500	39.77	6.94	46.71	55.30	-8.59	peak	

Test Mode :	LTE Band 48_TX CH55990_20MHz

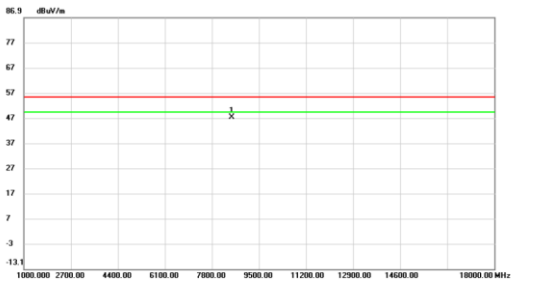
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	14192.000	37.75	12.24	49.99	55.30	-5.31	peak	

Test Mode :	LTE Band 48_TX CH55990_20MHz

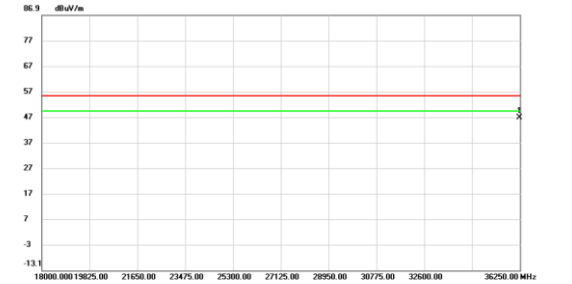
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	8522.500	36.85	10.48	47.33	55.30	-7.97	peak	

Test Mode :	LTE Band 48_TX CH55990_20MHz

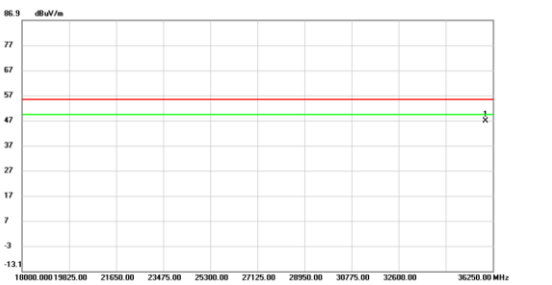
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	36231.750	39.75	6.97	46.72	55.30	-8.58	peak	

Test Mode :	LTE Band 48_TX CH55990_20MHz

Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	35958.000	40.14	6.65	46.79	55.30	-8.51	peak	

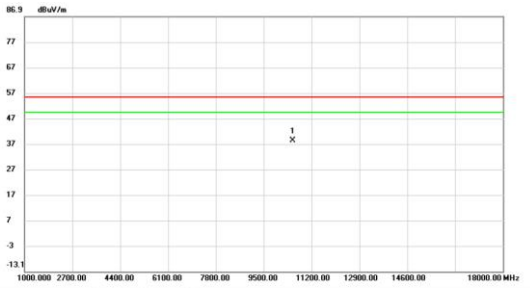
Test Mode :	5G NR n48_TX Mid CH_20MHz

Vertical

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10843.000	28.18	10.83	39.01	55.30	-16.29	AVG	

Test Mode :	5G NR n48_TX Mid CH_20MHz

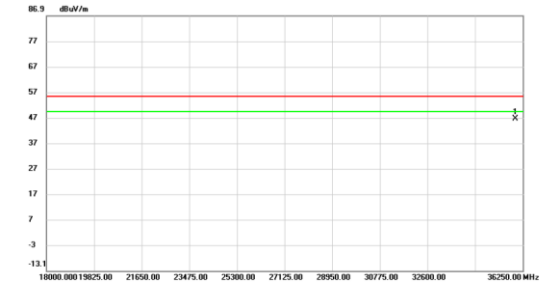
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10528.500	27.35	10.85	38.20	55.30	-17.10	AVG	

Test Mode :	5G NR n48_TX Mid CH_20MHz

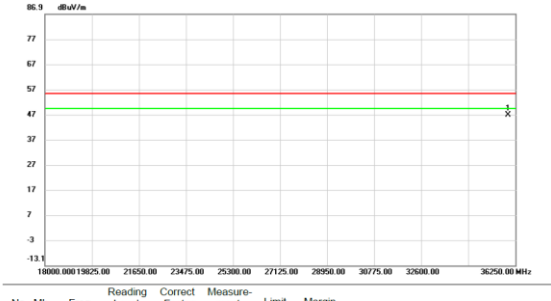
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	35958.000	39.85	6.65	46.50	55.30	-8.80	peak	

Test Mode :	5G NR n48_TX Mid CH_20MHz

Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	35967.125	40.02	6.65	46.67	55.30	-8.63	peak	