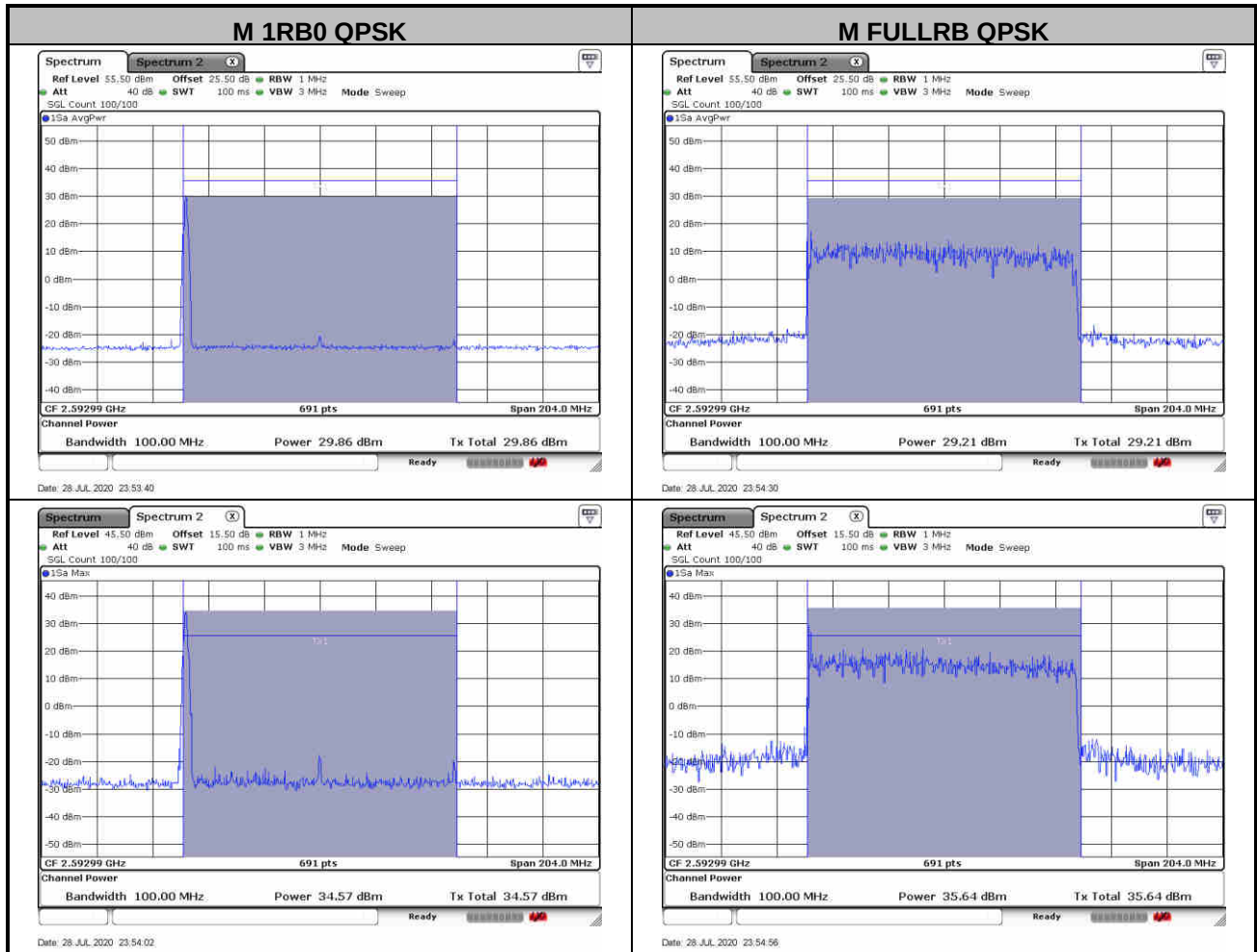
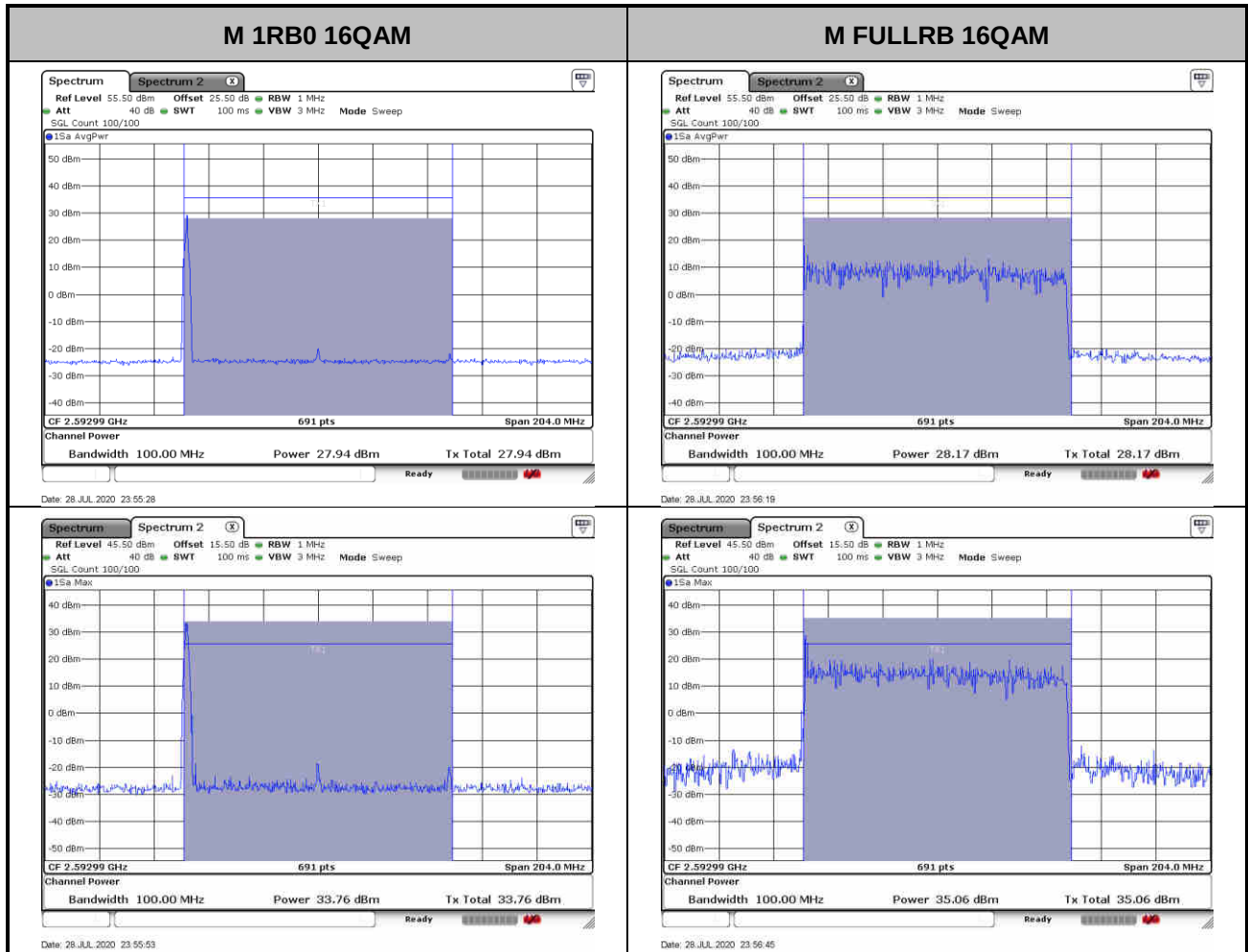
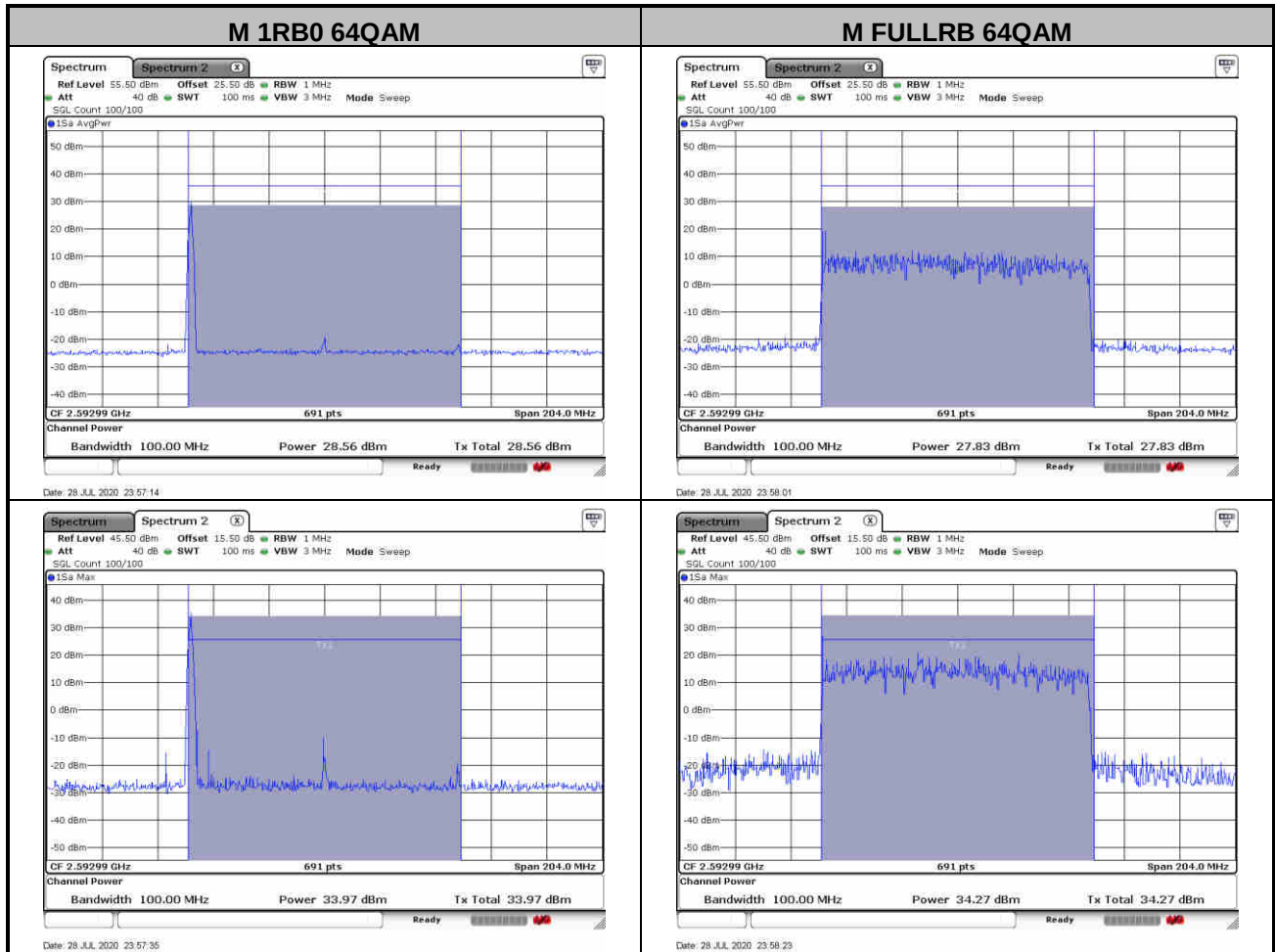


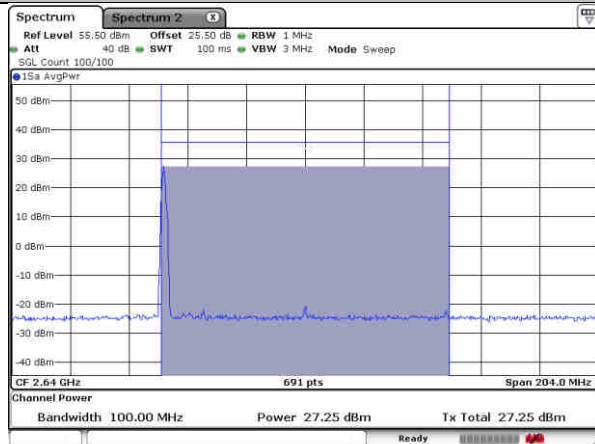






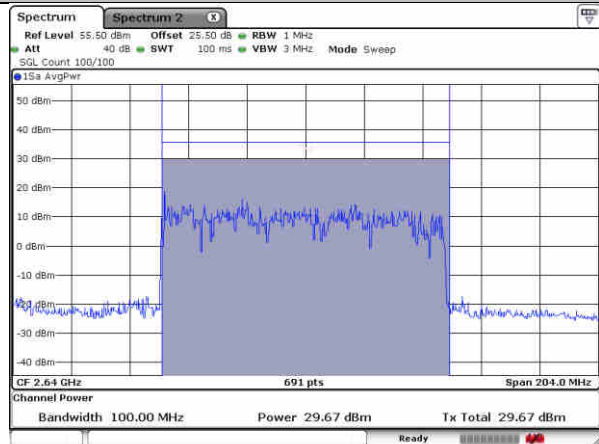


H 1RB0 BPSK

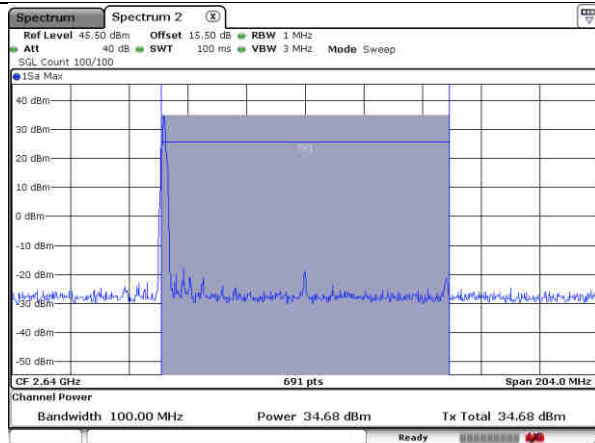


Date: 29 JUL 2020 00:25:15

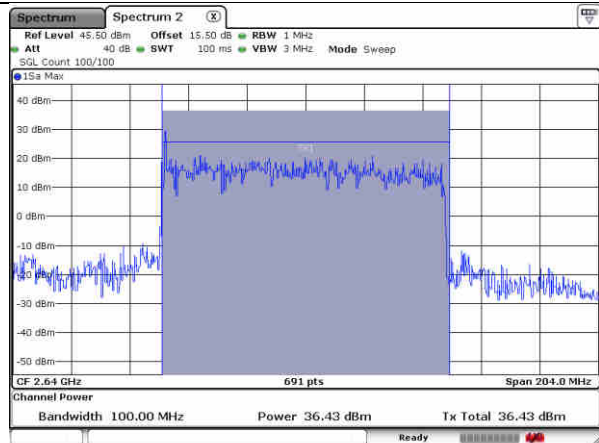
H FULLRB BPSK



Date: 29 JUL 2020 00:26:11



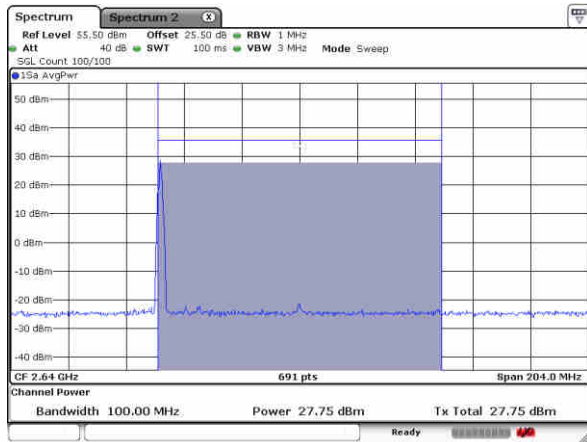
Date: 29 JUL 2020 00:25:41



Date: 29 JUL 2020 00:27:04

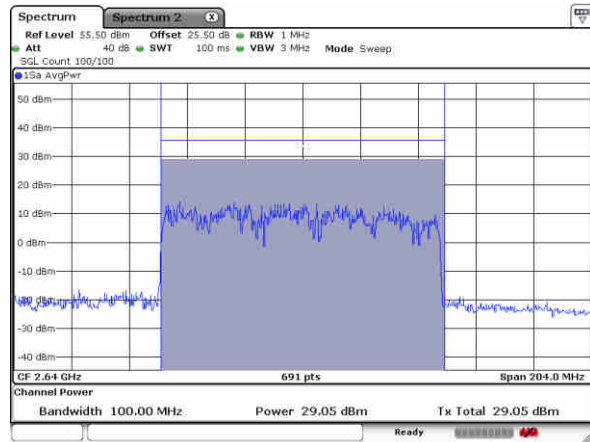


H 1RB0 QPSK

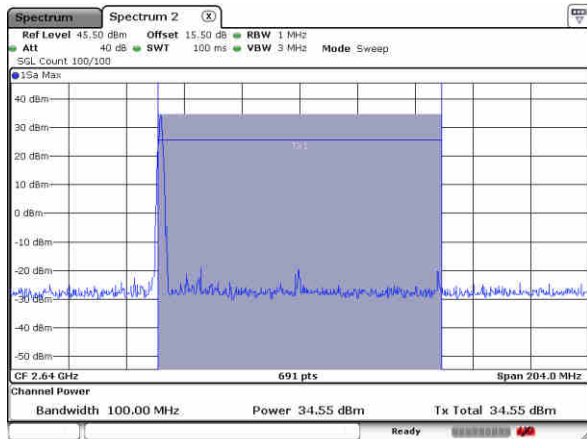


Date: 29 JUL 2020 00:27:59

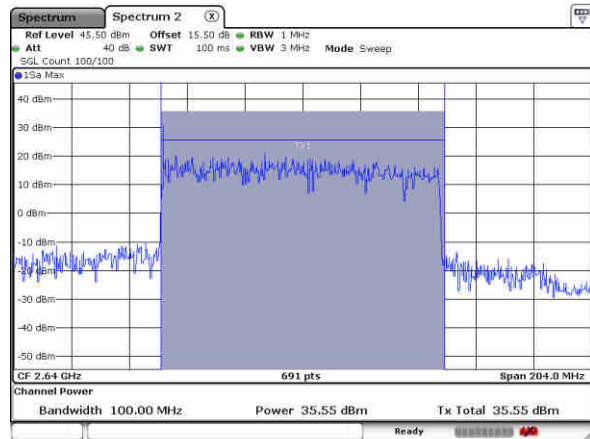
H FULLRB QPSK



Date: 29 JUL 2020 00:28:52



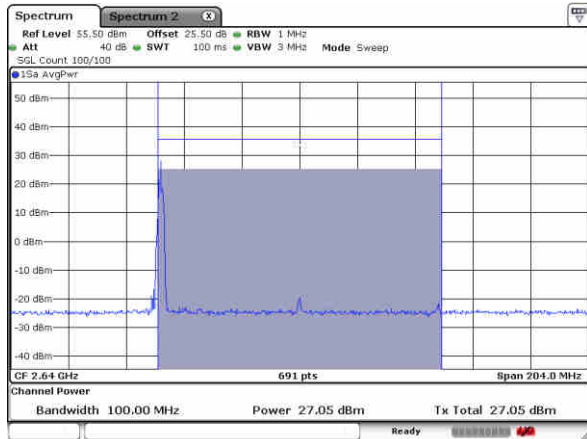
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Date: 29 JUL 2020 00:29:15

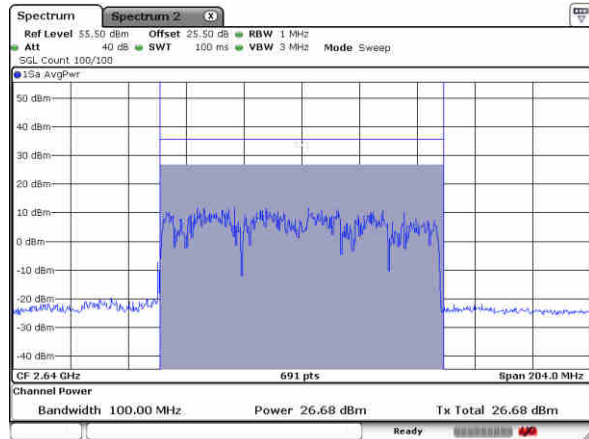


H 1RB0 16QAM

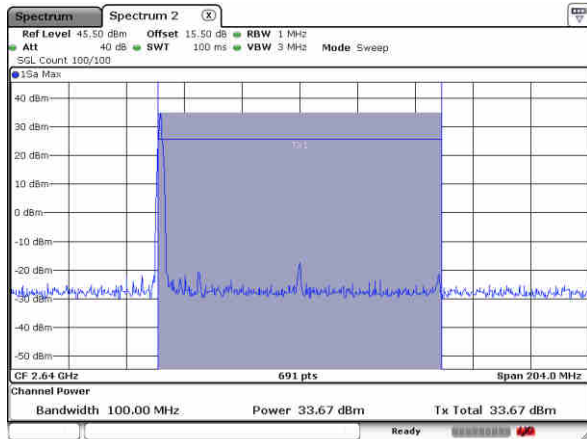


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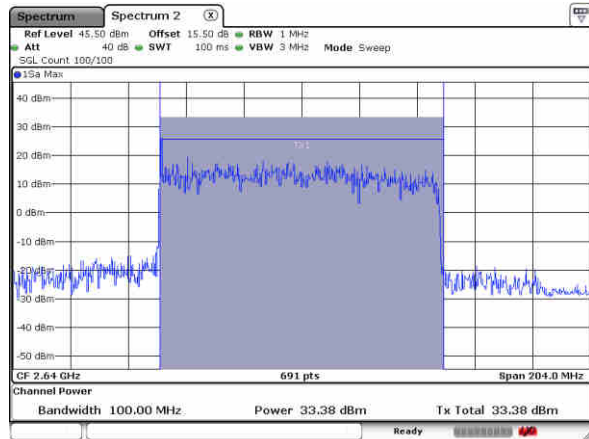
H FULLRB 16QAM



Date: 29 JUL 2020 00:33:21



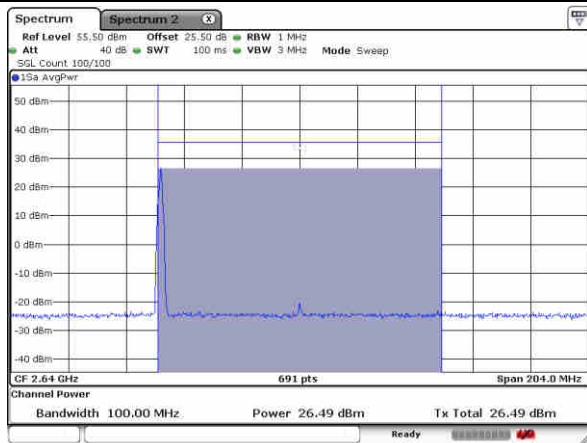
Date: 29 JUL 2020 00:31:50



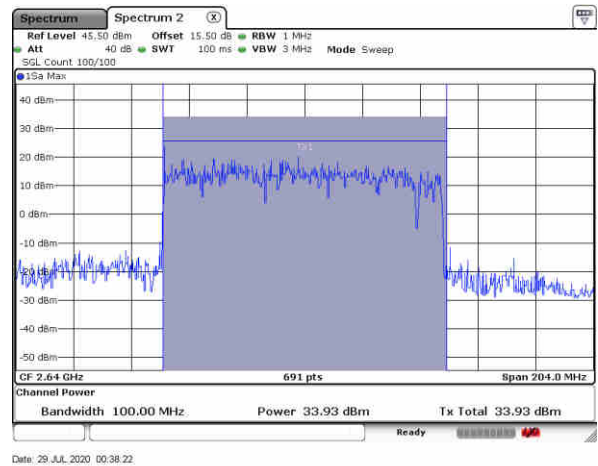
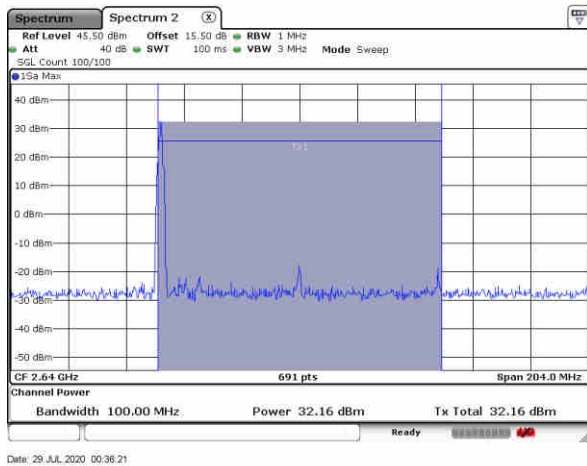
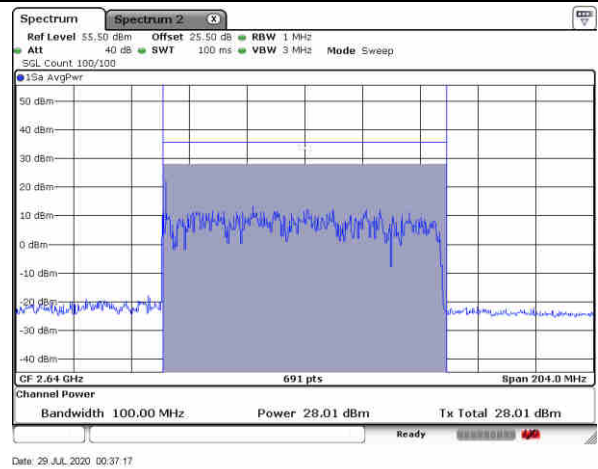
Date: 29 JUL 2020 00:34:31



H 1RB0 64QAM



H FULLRB 64QAM



**26dB Bandwidth**

Mode		N 41 : 26dB BW(MHz)											
LTE BW		20MHz		20MHz		20MHz		20MHz		20MHz		20MHz	
NR BW		20MHz		40MHz		50MHz		60MHz		80MHz		90MHz	
Mod.		BPSK	QPSK	BPSK	QPSK	BPSK	QPSK	BPSK	QPSK	BPSK	QPSK	BPSK	QPSK
Lowest CH	LTE	18.66	18.66	18.66	18.66	18.66	18.66	18.66	18.66	18.66	18.66	18.66	18.66
	NR	19.94	20.02	38.04	37.96	47.95	47.95	62.94	62.58	81.36	81.36	89.91	90.09
	LTE+NR	38.6	38.68	56.7	56.62	66.61	66.61	81.6	81.24	100.02	100.02	108.57	108.75
Middle CH	LTE	18.78	18.78	18.78	18.78	18.78	18.78	18.78	18.78	18.78	18.78	18.78	18.78
	NR	20.26	20.42	37.96	38.12	48.15	47.85	62.34	62.22	82.00	81.36	90.45	90.45
	LTE+NR	39.04	39.2	56.74	56.9	66.93	66.63	81.12	81	100.78	100.14	109.23	109.23
Highest CH	LTE	18.62	18.62	18.62	18.62	18.62	18.62	18.62	18.62	18.62	18.62	18.62	18.62
	NR	19.86	20.06	38.04	38.04	47.95	47.95	62.34	62.46	81.52	82.16	90.63	91.17
	LTE+NR	38.48	38.68	56.66	56.66	66.57	66.57	80.96	81.08	100.14	100.78	109.25	109.79
Mode		N 41 : 26dB BW(MHz)											
LTE BW		20MHz		20MHz		20MHz		20MHz		20MHz		20MHz	
NR BW		20MHz		40MHz		50MHz		60MHz		80MHz		90MHz	
Mod.		16QAM	64QAM	16QAM	64QAM	16QAM	64QAM	16QAM	64QAM	16QAM	64QAM	16QAM	64QAM
Lowest CH	LTE	18.70	18.66	18.70	18.66	18.70	18.66	18.70	18.66	18.70	18.66	18.70	18.66
	NR	19.94	20.02	38.04	37.96	47.95	47.95	62.94	62.58	81.36	81.36	89.91	90.09
	LTE+NR	38.64	38.68	56.74	56.62	66.65	66.61	81.64	81.24	100.06	100.02	108.61	108.75
Middle CH	LTE	18.70	19.06	18.70	19.06	18.70	19.06	18.70	19.06	18.70	19.06	18.70	19.06
	NR	20.26	20.42	37.96	38.12	48.15	47.85	62.34	62.22	82.00	81.36	90.45	90.45
	LTE+NR	38.96	39.48	56.66	57.18	66.85	66.91	81.04	81.28	100.7	100.42	109.15	109.51
Highest CH	LTE	18.98	18.90	18.98	18.90	18.98	18.90	18.98	18.90	18.98	18.90	18.98	18.90
	NR	19.86	20.06	38.04	38.04	47.95	47.95	62.34	62.46	81.52	82.16	90.63	91.17
	LTE+NR	38.84	38.96	57.02	56.94	66.93	66.85	81.32	81.36	100.5	101.06	109.61	110.07

Note: The EN-DC of LTE Band 41 test results are leveraged from LTE single carrier.



Mode		N 41 : 26dB BW(MHz)			
LTE BW		20MHz			
NR BW		100MHz			
Mod.		BPSK	QPSK	16QAM	64QAM
Lowest CH	LTE	18.66	18.66	18.70	18.66
	NR	101.1	100.50	100.90	100.90
	LTE+NR	119.76	119.16	119.6	119.56
Middle CH	LTE	18.78	18.78	18.70	19.06
	NR	100.9	100.70	101.30	101.10
	LTE+NR	119.68	119.48	120	120.16
Highest CH	LTE	18.62	18.62	18.98	18.90
	NR	101.1	97.50	100.90	101.30
	LTE+NR	119.72	116.12	119.88	120.2

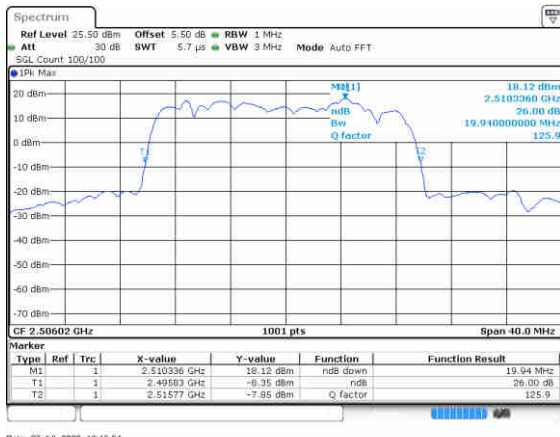
Note: The EN-DC of LTE Band 41 test results are leveraged from LTE single carrier.



n41

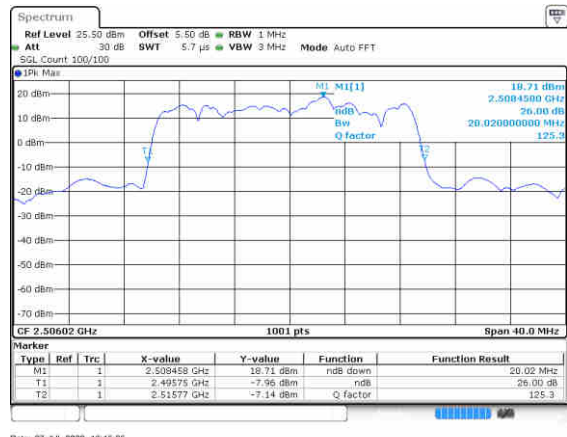
Combination LTE 20MHz + NR 20MHz

Lowest Channel / BPSK



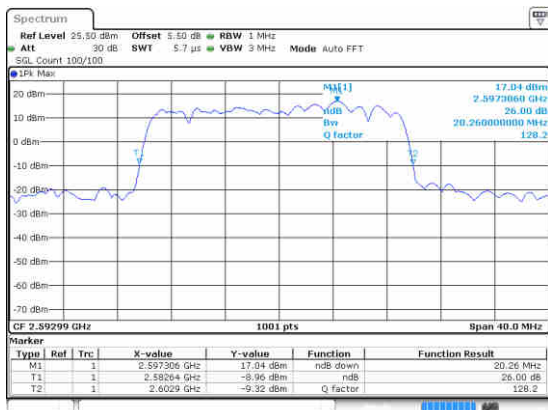
Date: 27.8.2020, 16:15:54

Lowest Channel / QPSK



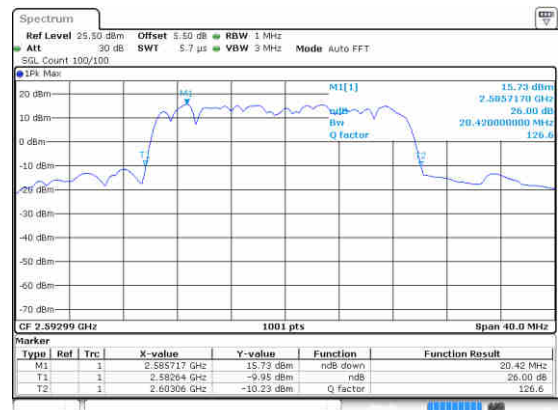
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Middle Channel / BPSK



Date: 27.8.2020, 16:15:54

Middle Channel / QPSK



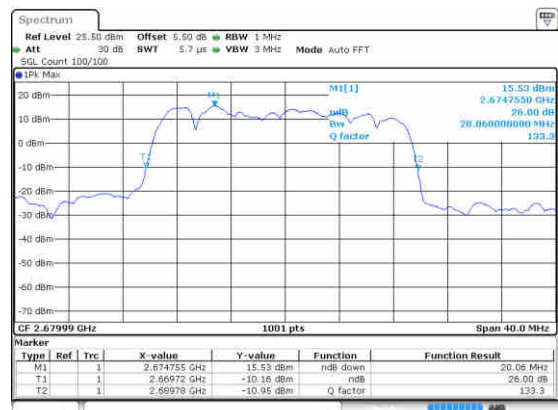
Date: 27.8.2020, 16:15:56

Highest Channel / BPSK



Date: 27.8.2020, 16:15:54

Highest Channel / QPSK



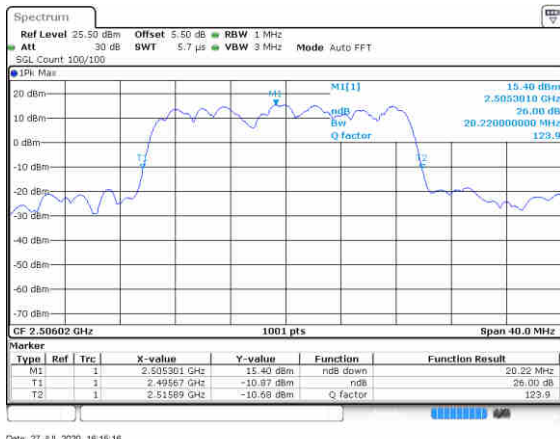
Date: 27.8.2020, 16:15:56



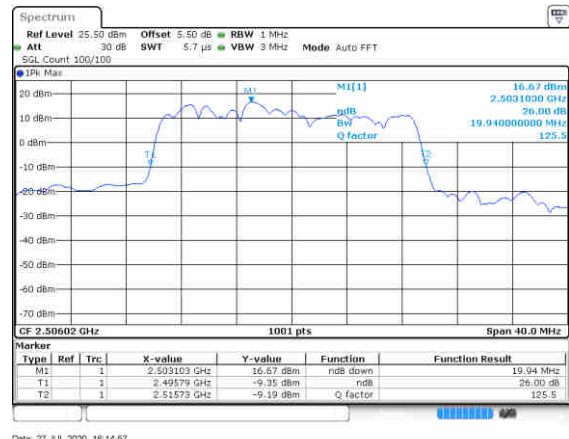
n41

Combination LTE 20MHz + NR 20MHz

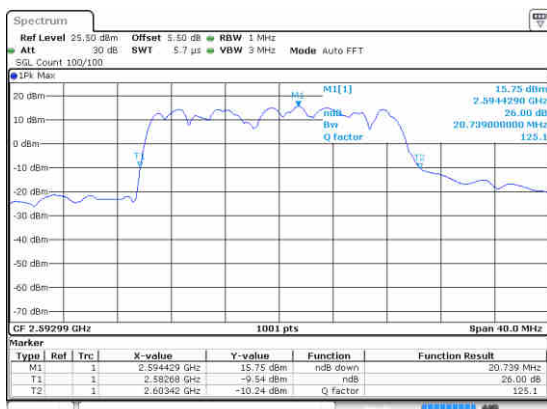
Lowest Channel / 16QAM



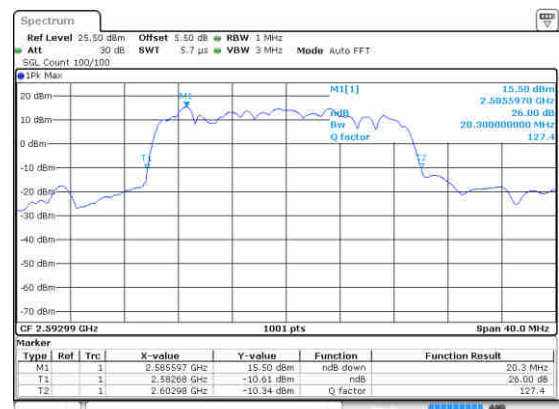
Lowest Channel / 64QAM



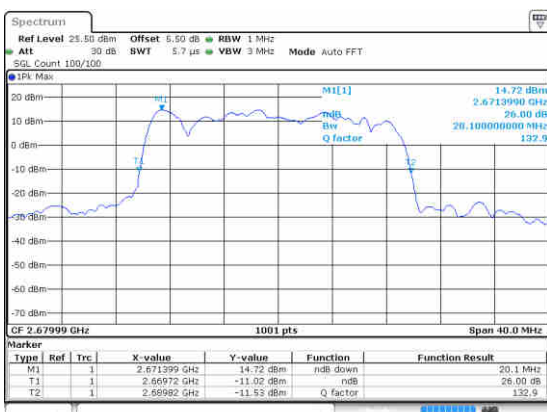
Middle Channel / 16QAM



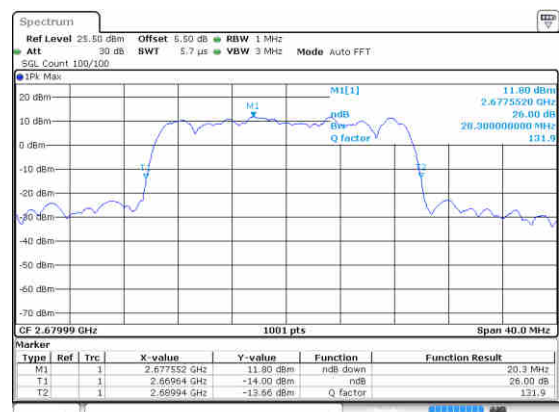
Middle Channel / 64QAM



Highest Channel / 16QAM



Highest Channel / 64QAM

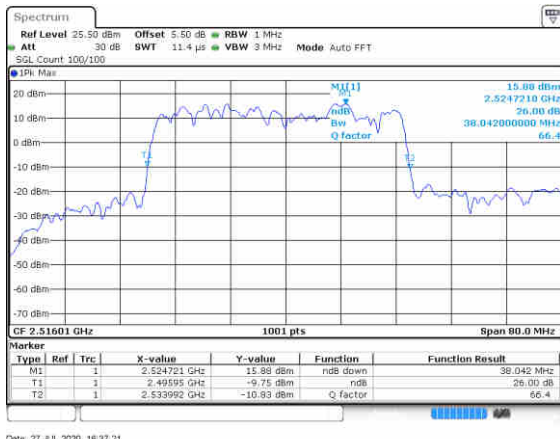




n41

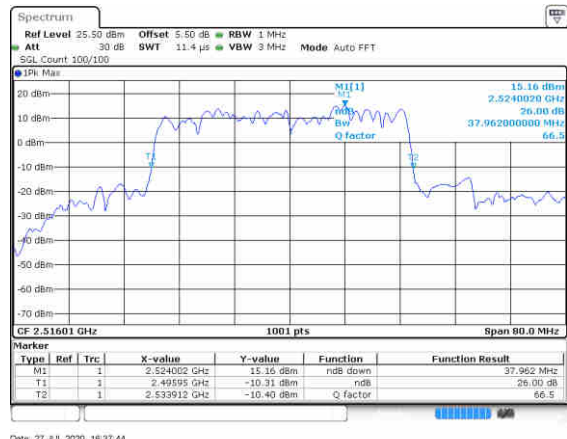
Combination LTE 20MHz + NR 40MHz

Lowest Channel / BPSK



Date: 27.8.2020, 16:37:31

Lowest Channel / QPSK



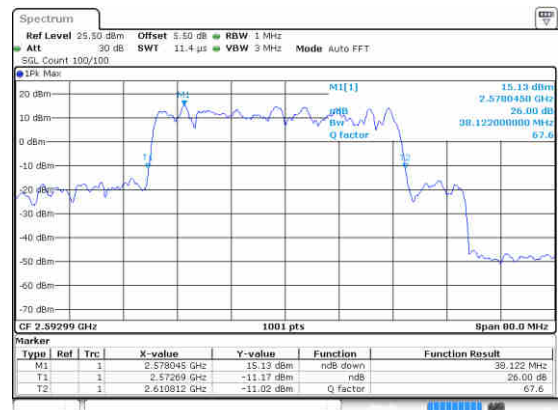
Date: 27.8.2020, 16:37:44

Middle Channel / BPSK



Date: 27.8.2020, 16:37:44

Middle Channel / QPSK



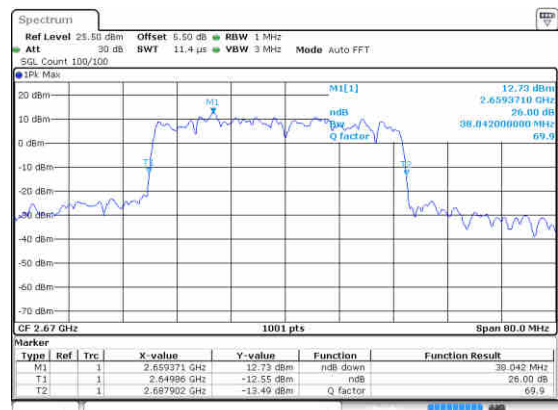
Date: 27.8.2020, 16:37:44

Highest Channel / BPSK



Date: 27.8.2020, 16:37:44

Highest Channel / QPSK



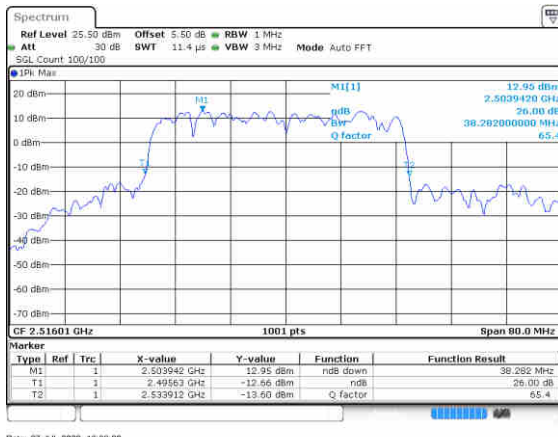
Date: 27.8.2020, 16:37:44



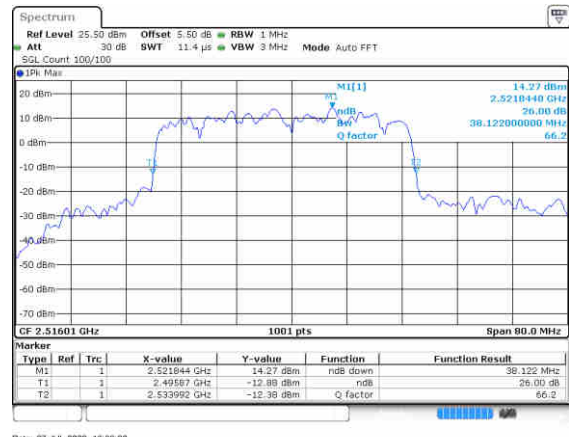
n41

Combination LTE 20MHz + NR 40MHz

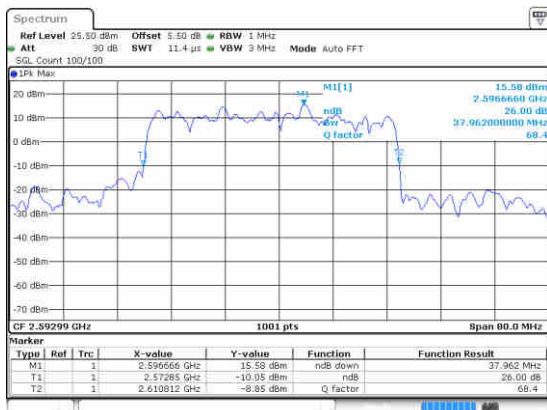
Lowest Channel / 16QAM



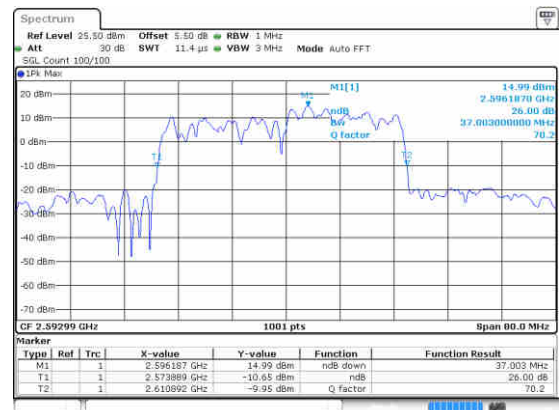
Lowest Channel / 64QAM



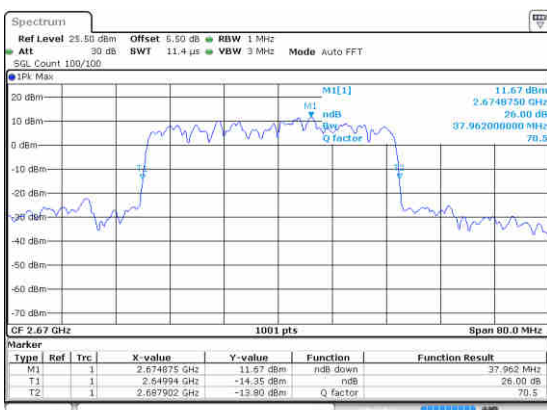
Middle Channel / 16QAM



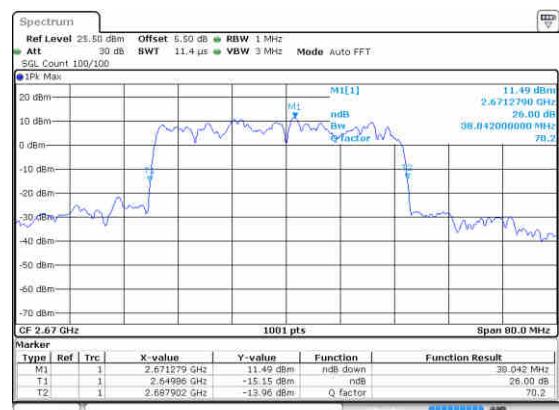
Middle Channel / 64QAM



Highest Channel / 16QAM



Highest Channel / 64QAM

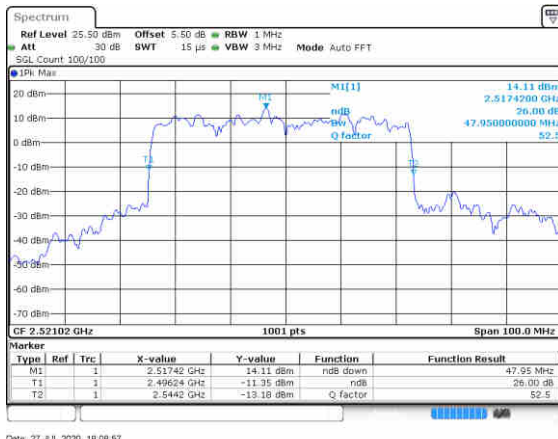




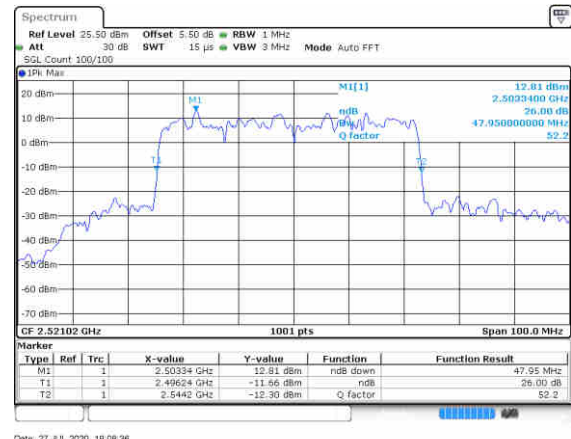
n41

Combination LTE 20MHz + NR 50MHz

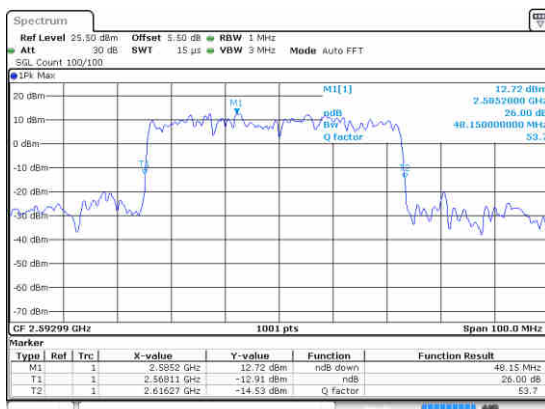
Lowest Channel / BPSK



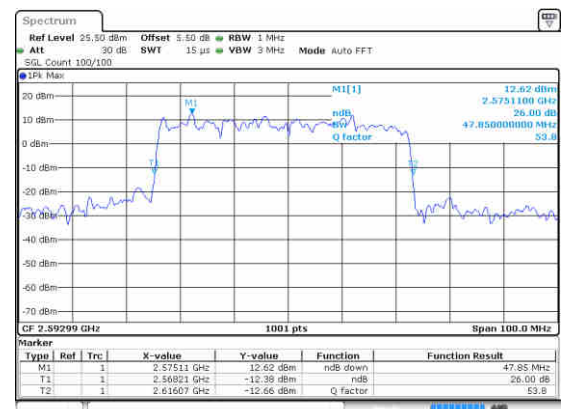
Lowest Channel / QPSK



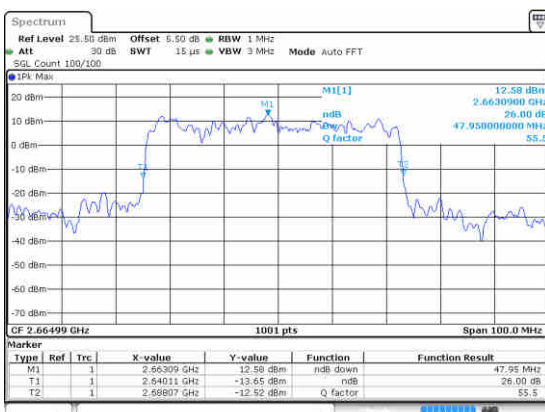
Middle Channel / BPSK



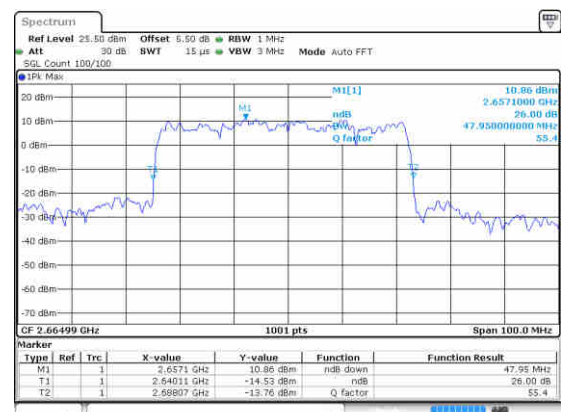
Middle Channel / QPSK

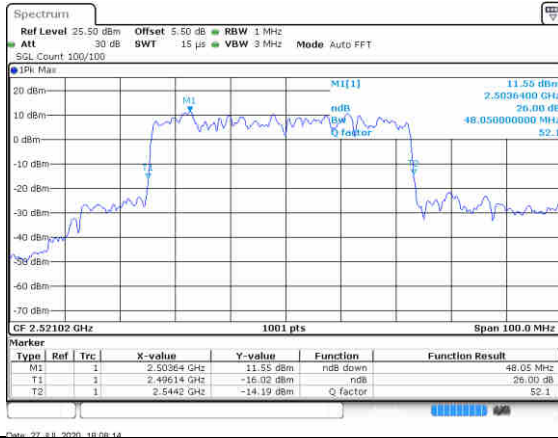
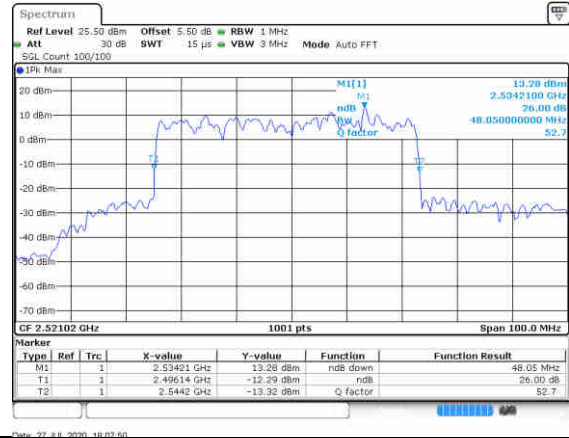
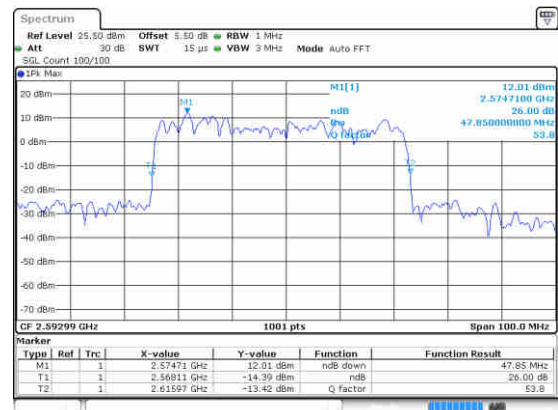
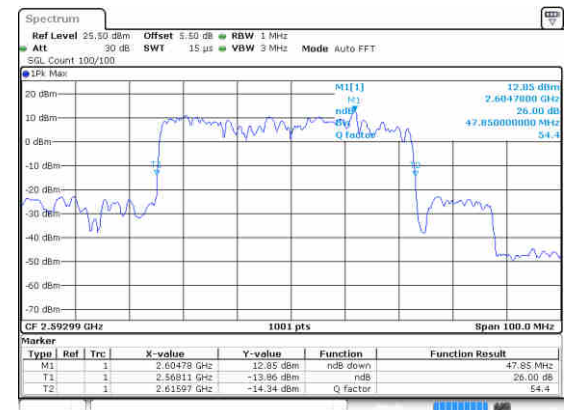
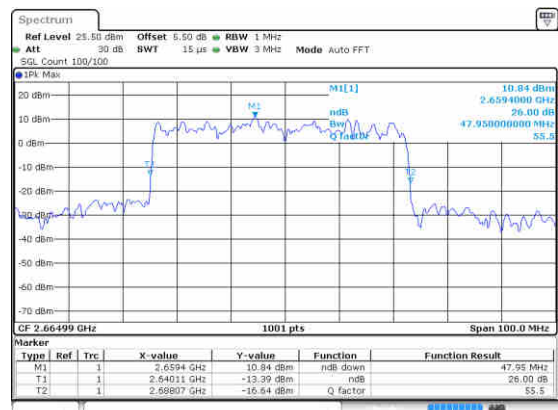
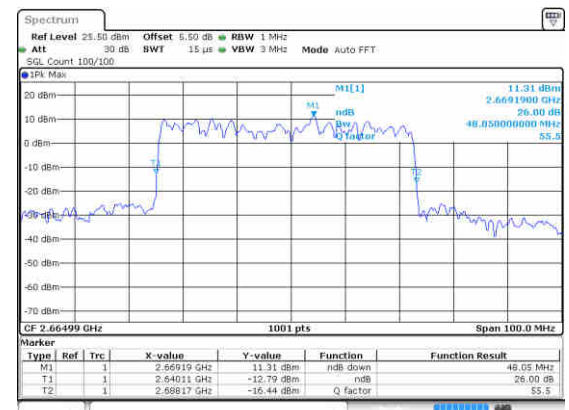


Highest Channel / BPSK



Highest Channel / QPSK



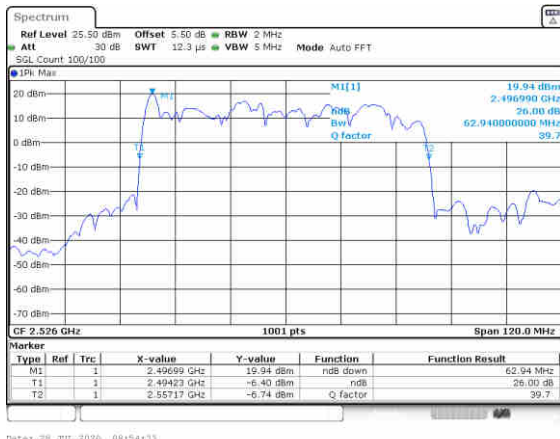
n41
Combination LTE 20MHz + NR 50MHz
Lowest Channel / 16QAM

Lowest Channel / 64QAM

Middle Channel / 16QAM

Middle Channel / 64QAM

Highest Channel / 16QAM

Highest Channel / 64QAM




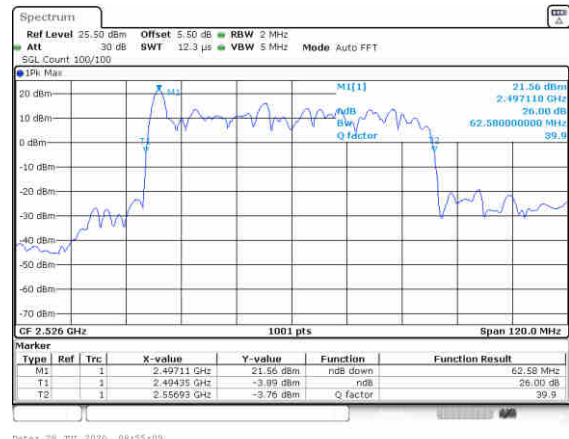
n41

Combination LTE 20MHz + NR 60MHz

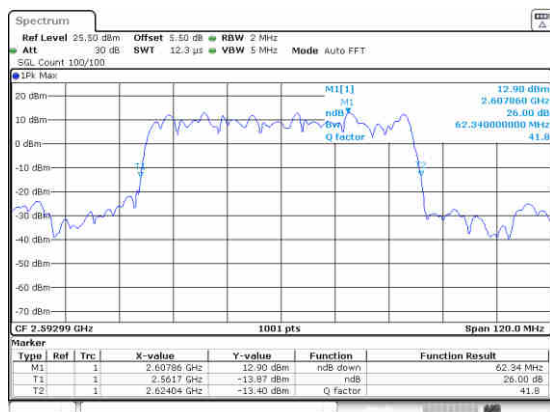
Lowest Channel / BPSK



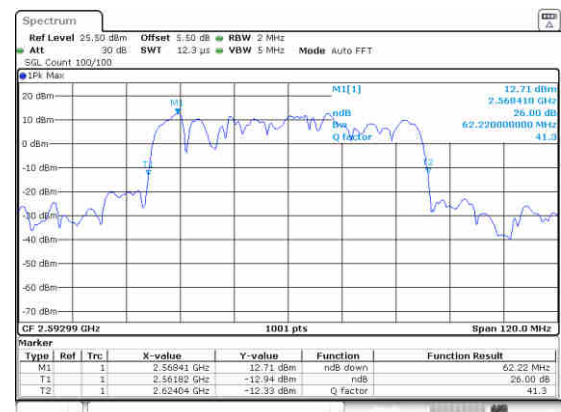
Lowest Channel / QPSK



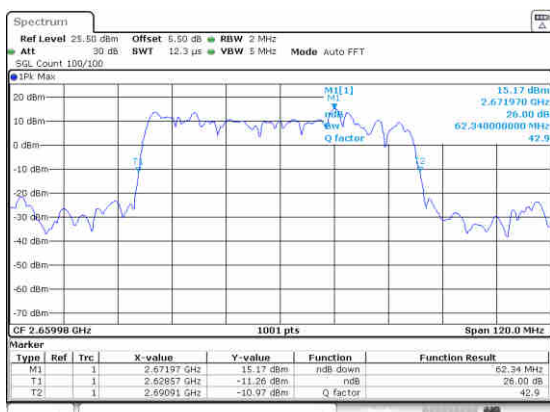
Middle Channel / BPSK



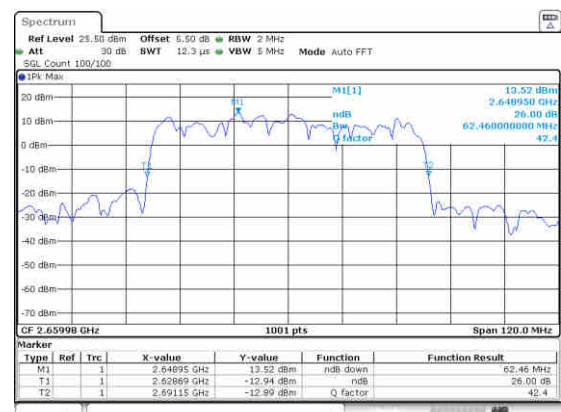
Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK

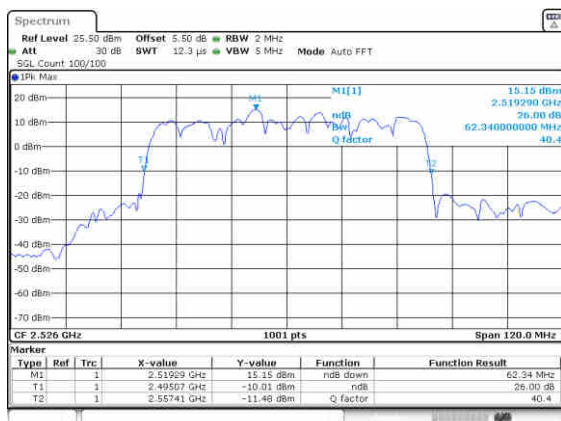




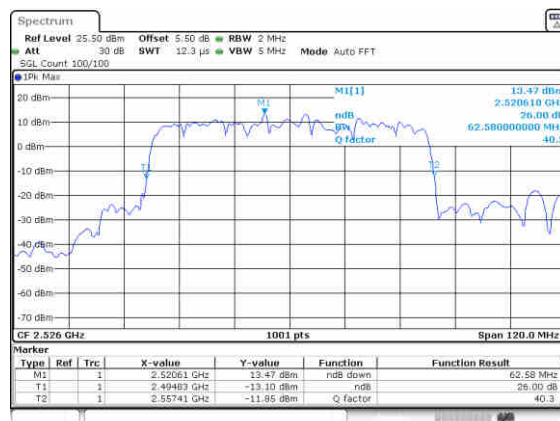
n41

Combination LTE 20MHz + NR 60MHz

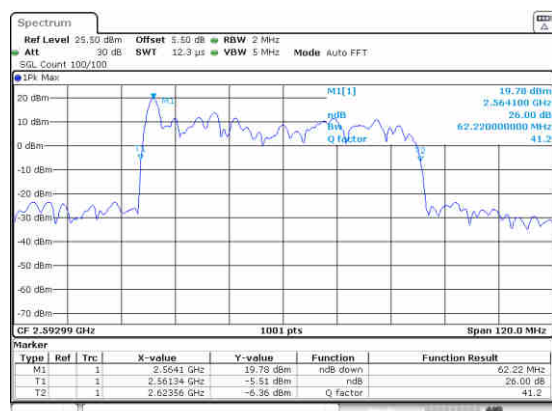
Lowest Channel / 16QAM



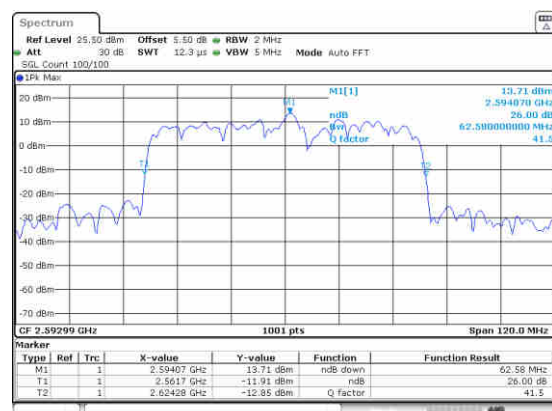
Lowest Channel / 64QAM



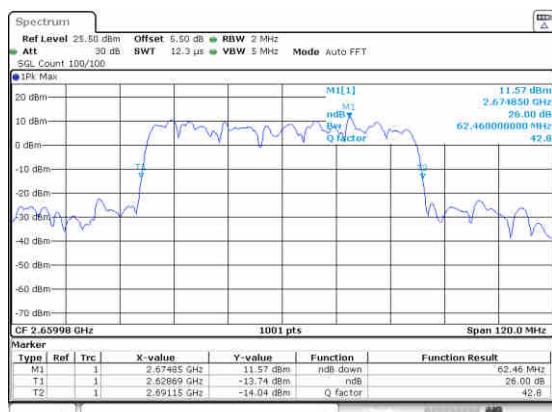
Middle Channel / 16QAM



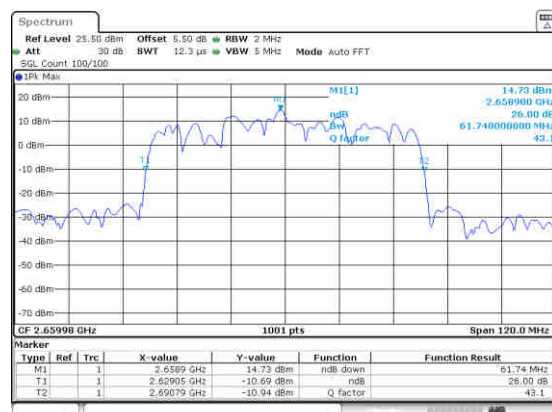
Middle Channel / 64QAM



Highest Channel / 16QAM



Highest Channel / 64QAM

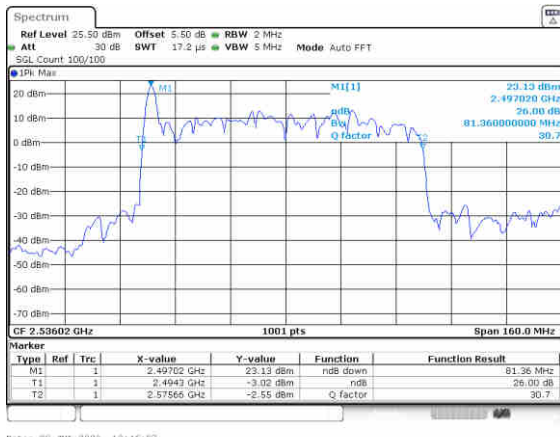




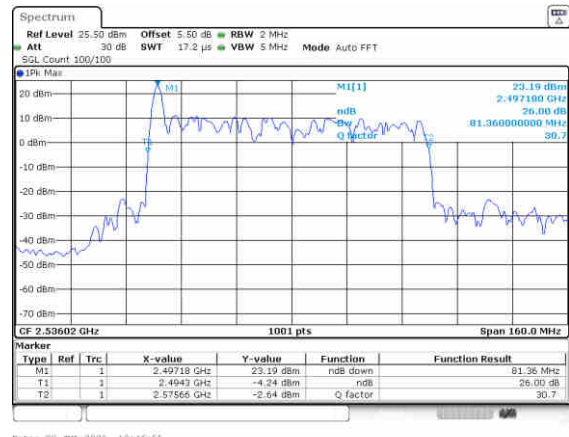
n41

Combination LTE 20MHz + NR 80MHz

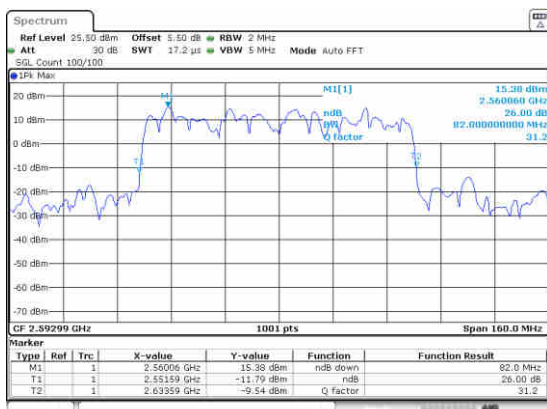
Lowest Channel / BPSK



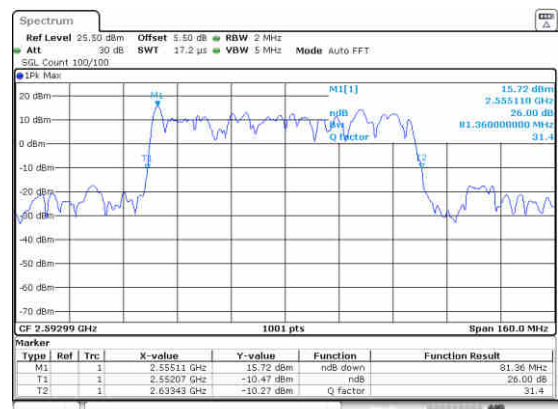
Lowest Channel / QPSK



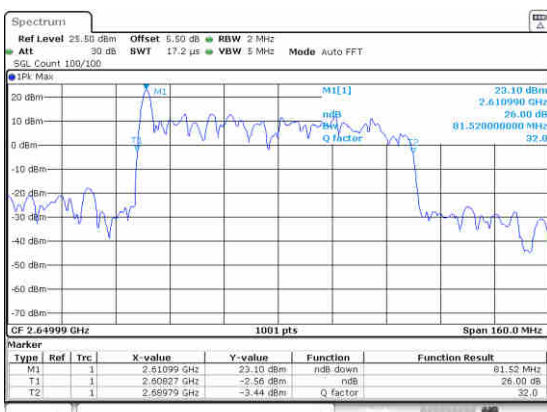
Middle Channel / BPSK



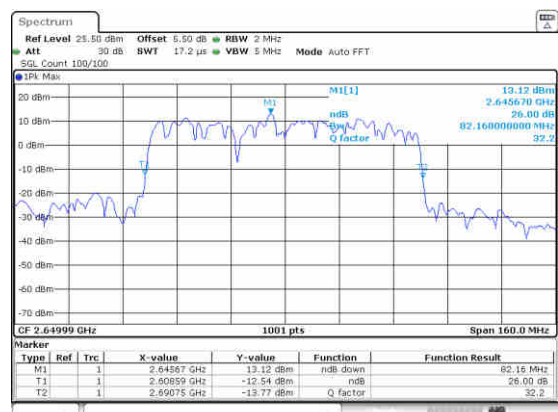
Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK

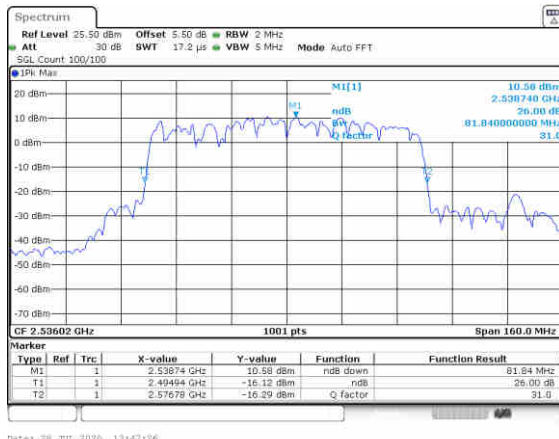




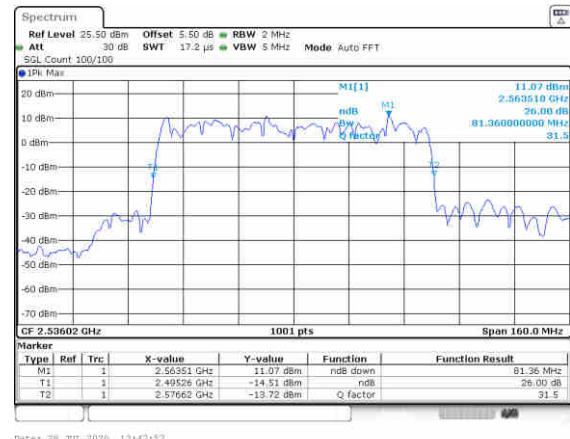
n41

Combination LTE 20MHz + NR 80MHz

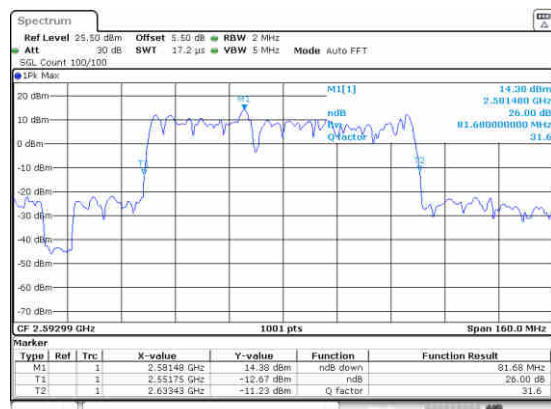
Lowest Channel / 16QAM



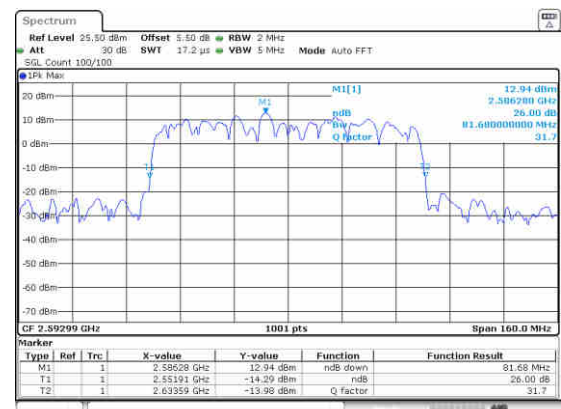
Lowest Channel / 64QAM



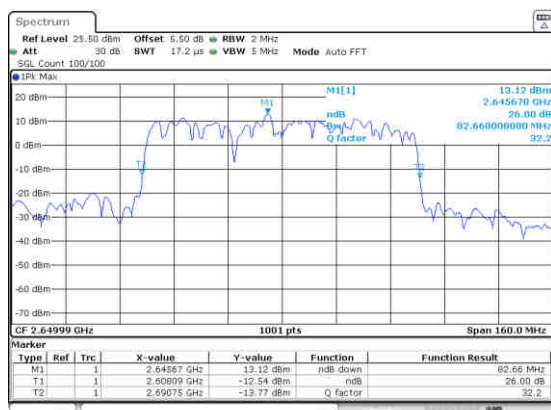
Middle Channel / 16QAM



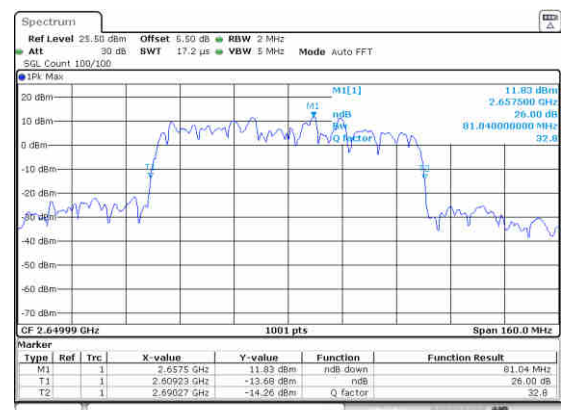
Middle Channel / 64QAM



Highest Channel / 16QAM



Highest Channel / 64QAM

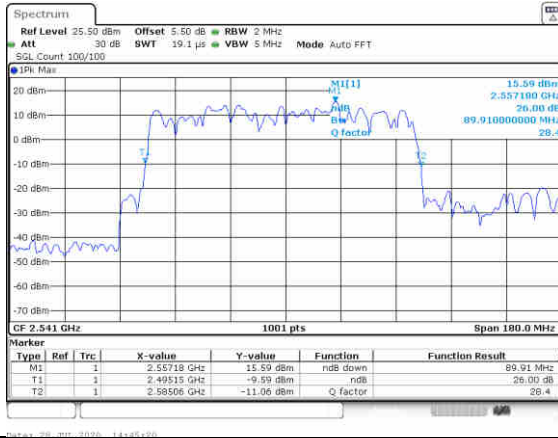




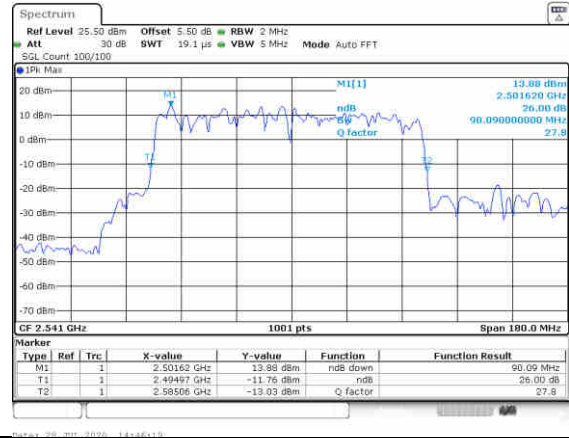
n41

Combination LTE 20MHz + NR 90MHz

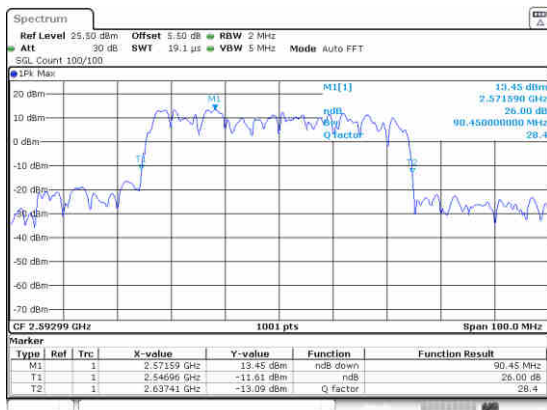
Lowest Channel / BPSK



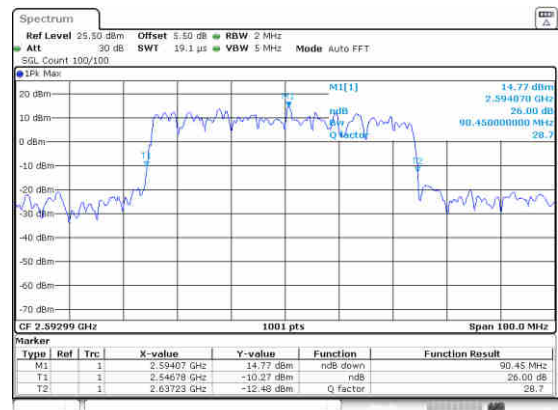
Lowest Channel / QPSK



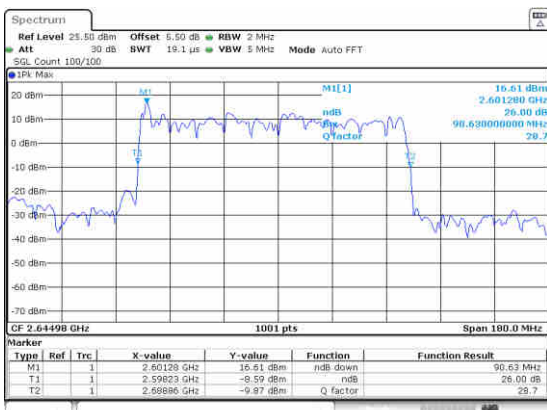
Middle Channel / BPSK



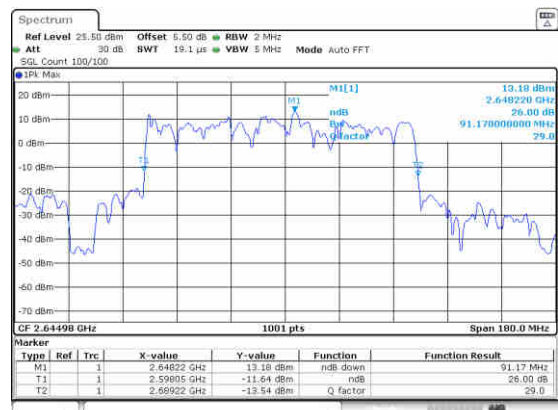
Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK

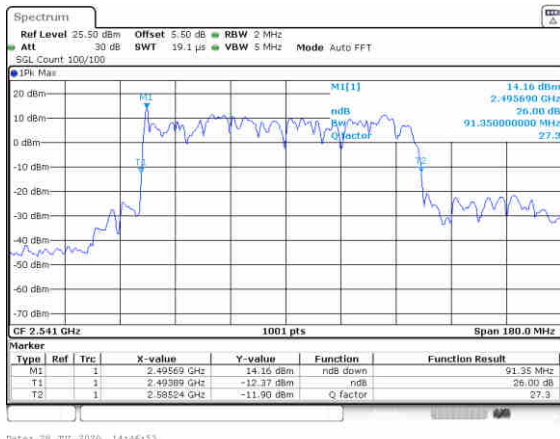




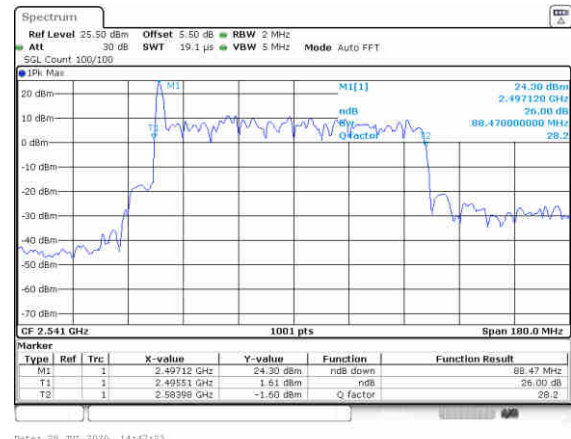
n41

Combination LTE 20MHz + NR 90MHz

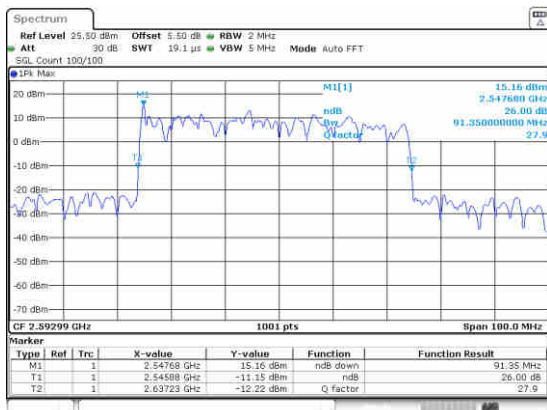
Lowest Channel / 16QAM



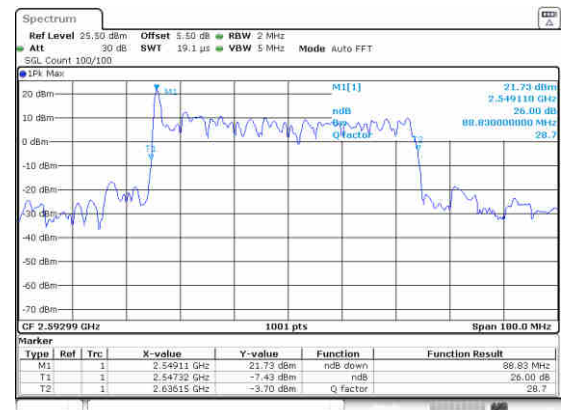
Lowest Channel / 64QAM



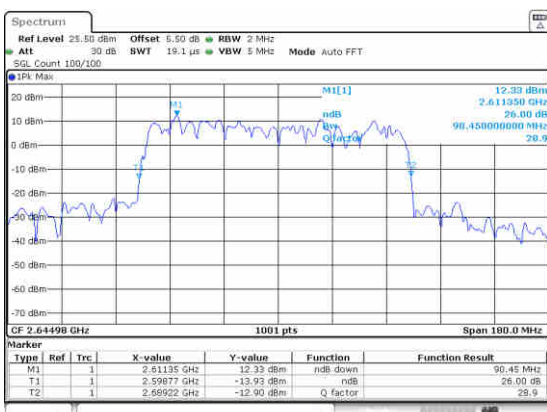
Middle Channel / 16QAM



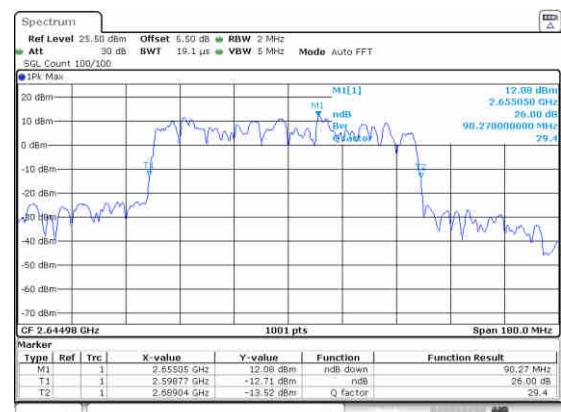
Middle Channel / 64QAM



Highest Channel / 16QAM



Highest Channel / 64QAM

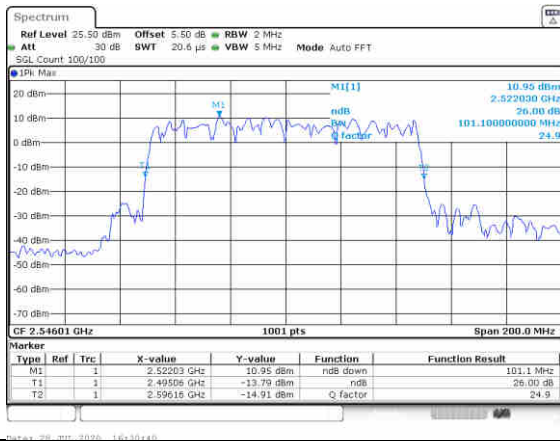




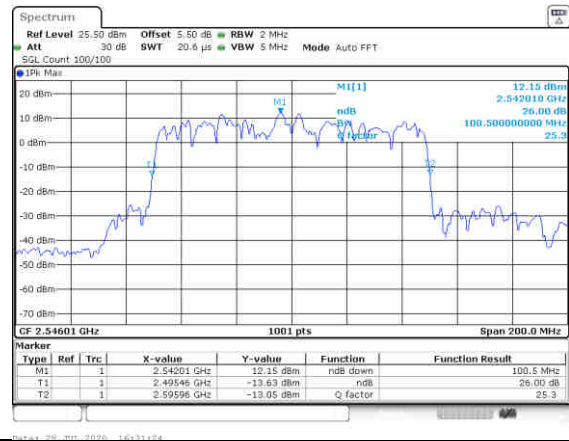
n41

Combination LTE 20MHz + NR 100MHz

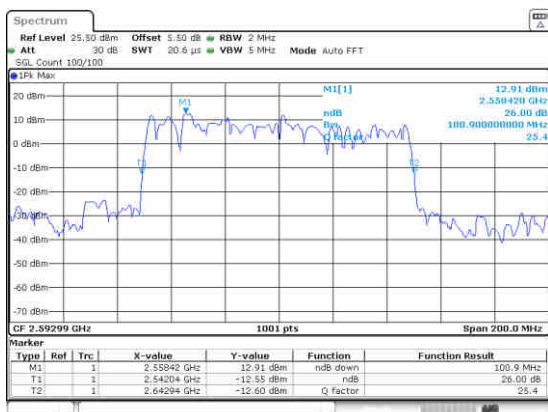
Lowest Channel / BPSK



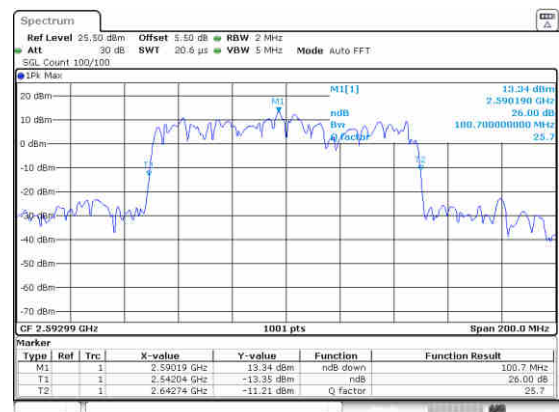
Lowest Channel / QPSK



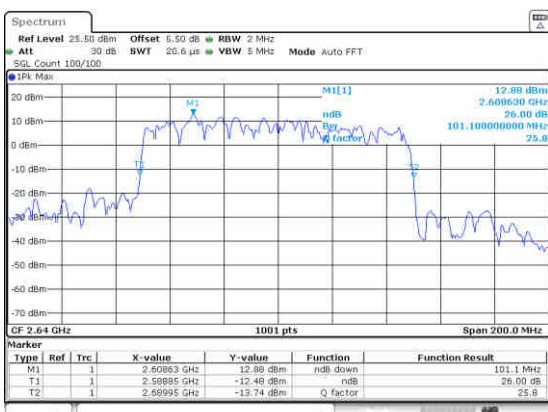
Middle Channel / BPSK



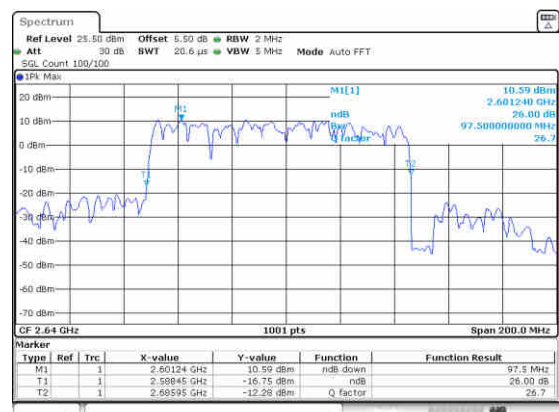
Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK

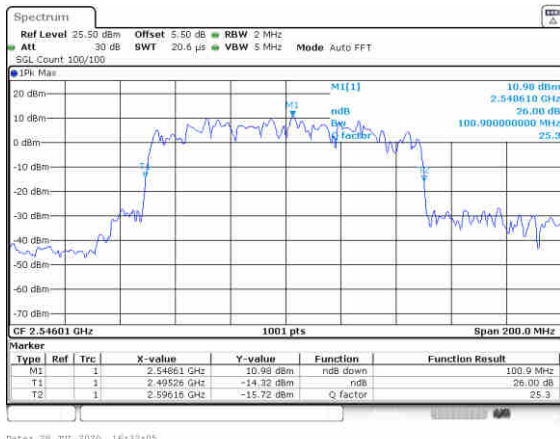




n41

Combination LTE 20MHz + NR 100MHz

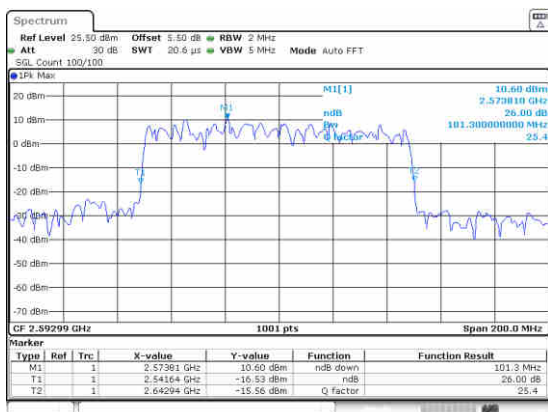
Lowest Channel / 16QAM



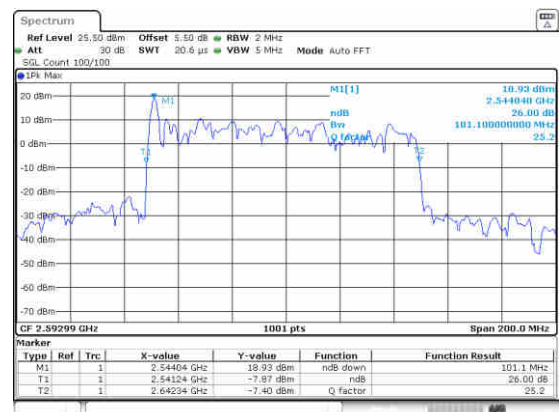
Lowest Channel / 64QAM



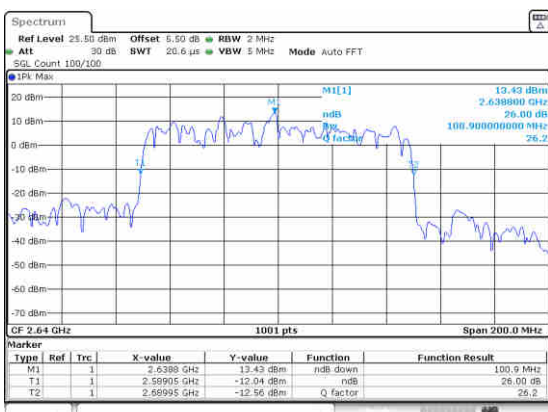
Middle Channel / 16QAM



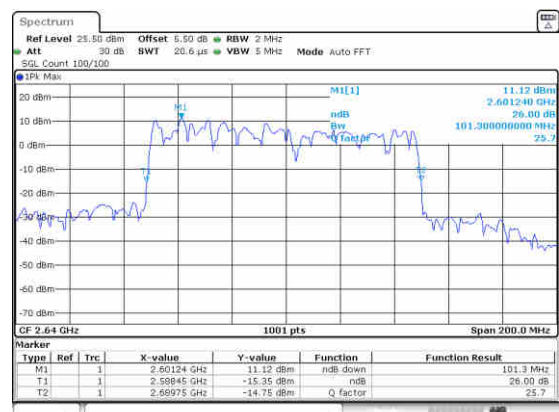
Middle Channel / 64QAM



Highest Channel / 16QAM



Highest Channel / 64QAM





Occupied Bandwidth

Mode		N 41 : OB BW(MHz)											
LTE BW		20MHz		20MHz		20MHz		20MHz		20MHz		20MHz	
NR BW		20MHz		40MHz		50MHz		60MHz		80MHz		90MHz	
Mod.		BPSK	QPSK	BPSK	QPSK	BPSK	QPSK	BPSK	QPSK	BPSK	QPSK	BPSK	QPSK
Lowest CH	LTE	17.82	17.82	17.82	17.82	17.82	17.82	17.82	17.82	17.82	17.82	17.82	17.82
	NR	18.62	18.46	35.88	36.28	46.15	45.85	58.86	58.50	78.64	79.44	88.11	85.23
	LTE+NR	36.44	36.28	53.7	54.1	63.97	63.67	76.68	76.32	96.46	97.26	105.93	103.05
Middle CH	LTE	17.86	17.86	17.86	17.86	17.86	17.86	17.86	17.86	17.86	17.86	17.86	17.86
	NR	18.46	18.54	35.80	35.96	45.65	45.95	59.58	58.26	77.04	79.28	85.41	85.05
	LTE+NR	36.32	36.4	53.66	53.82	63.51	63.81	77.44	76.12	94.9	97.14	103.27	102.91
Highest CH	LTE	17.86	17.86	17.86	17.86	17.86	17.86	17.86	17.86	17.86	17.86	17.86	17.86
	NR	18.30	18.50	35.48	35.96	46.05	46.05	58.02	58.74	77.36	76.08	86.85	85.95
	LTE+NR	36.16	36.36	53.34	53.82	63.91	63.91	75.88	76.6	95.22	93.94	104.71	103.81
Mode		N 41 : OB BW(MHz)											
LTE BW		20MHz		20MHz		20MHz		20MHz		20MHz		20MHz	
NR BW		20MHz		40MHz		50MHz		60MHz		80MHz		90MHz	
Mod.		16QAM	64QAM	16QAM	64QAM	16QAM	64QAM	16QAM	64QAM	16QAM	64QAM	16QAM	64QAM
Lowest CH	LTE	17.82	17.78	17.82	17.78	17.82	17.78	17.82	17.78	17.82	17.78	17.82	17.78
	NR	18.34	18.22	35.96	36.04	45.55	45.45	57.90	60.18	76.88	79.44	87.75	88.29
	LTE+NR	36.16	36	53.78	53.82	63.37	63.23	75.72	77.96	94.7	97.22	105.57	106.07
Middle CH	LTE	17.78	17.86	17.78	17.86	17.78	17.86	17.78	17.86	17.78	17.86	17.78	17.86
	NR	18.70	18.62	36.36	35.80	45.75	45.75	57.06	58.26	77.52	74.65	87.75	86.67
	LTE+NR	36.48	36.48	54.14	53.66	63.53	63.61	74.84	76.12	95.3	92.51	105.53	104.53
Highest CH	LTE	17.86	17.86	17.86	17.86	17.86	17.86	17.86	17.86	17.86	17.86	17.86	17.86
	NR	18.54	18.10	35.88	35.80	46.05	45.75	58.74	59.46	76.88	76.56	85.95	86.13
	LTE+NR	36.4	35.96	53.74	53.66	63.91	63.61	76.6	77.32	94.74	94.42	103.81	103.99

Note: The EN-DC of LTE Band 41 test results are leveraged from LTE single carrier.



Mode		N 41 : OB BW(MHz)			
LTE BW		20MHz			
NR BW		100MHz			
Mod.		BPSK	QPSK	16QAM	64QAM
Lowest CH	LTE	17.82	17.82	17.82	17.78
	NR	96.90	95.50	97.70	97.10
	LTE+NR	114.72	113.32	115.52	114.88
Middle CH	LTE	17.86	17.86	17.78	17.86
	NR	97.90	96.10	97.90	97.50
	LTE+NR	115.76	113.96	115.68	115.36
Highest CH	LTE	17.86	17.86	17.86	17.86
	NR	96.30	94.51	97.70	97.10
	LTE+NR	114.16	112.37	115.56	114.96

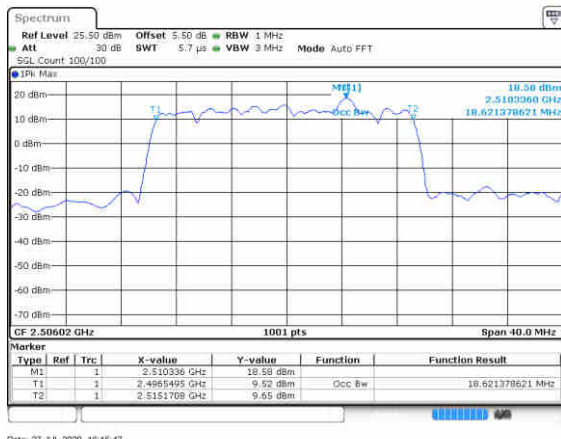
Note: The EN-DC of LTE Band 41 test results are leveraged from LTE single carrier.



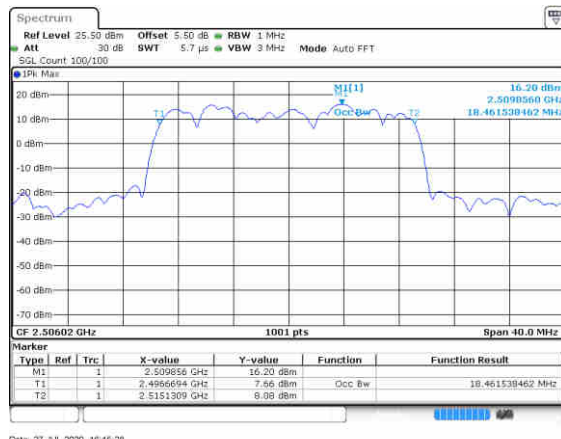
n41

Combination LTE 20MHz + NR 20MHz

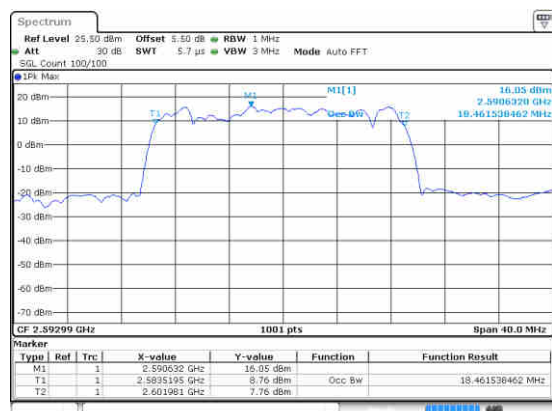
Lowest Channel / BPSK



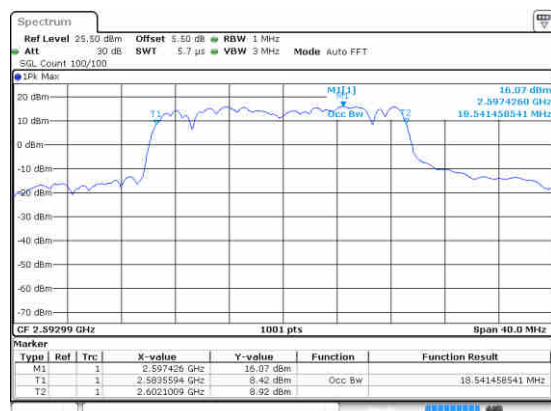
Lowest Channel / QPSK



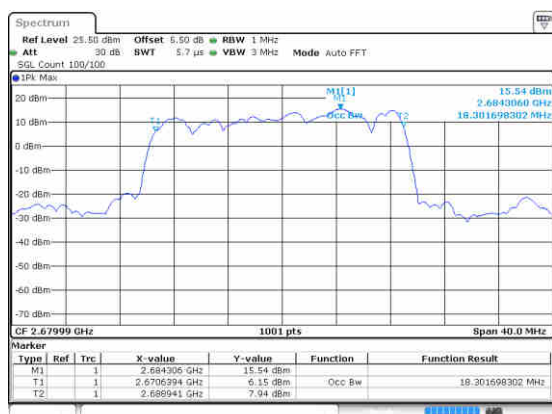
Middle Channel / BPSK



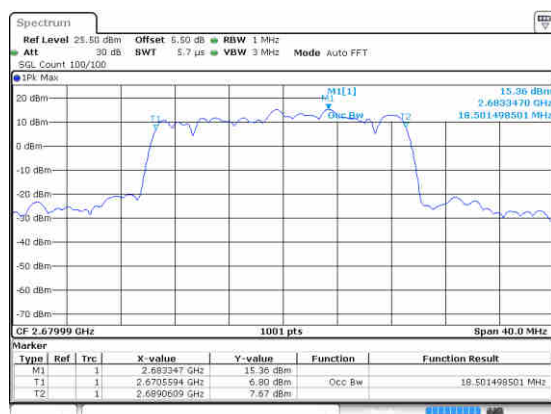
Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK

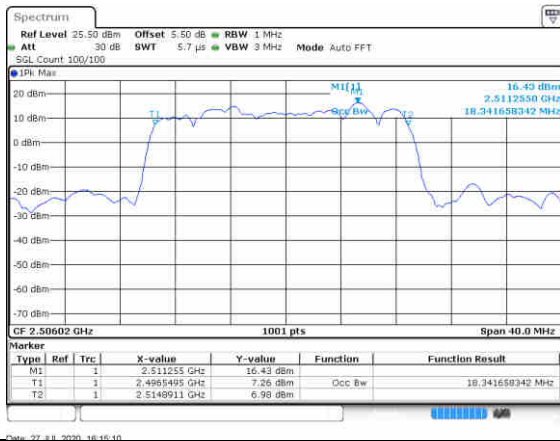




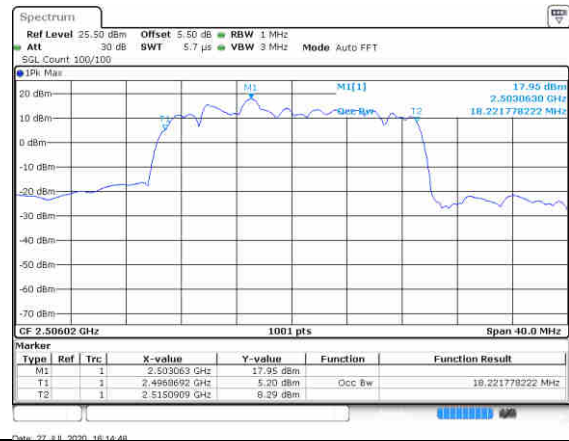
n41

Combination LTE 20MHz + NR 20MHz

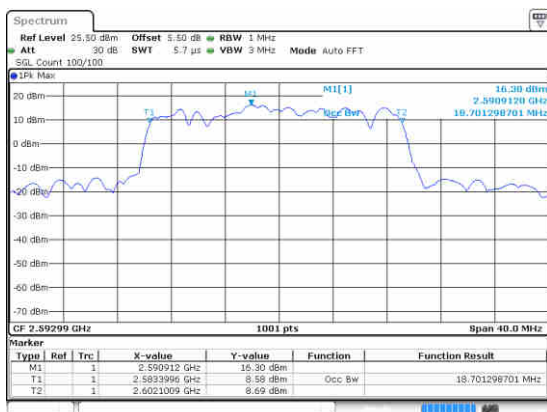
Lowest Channel / 16QAM



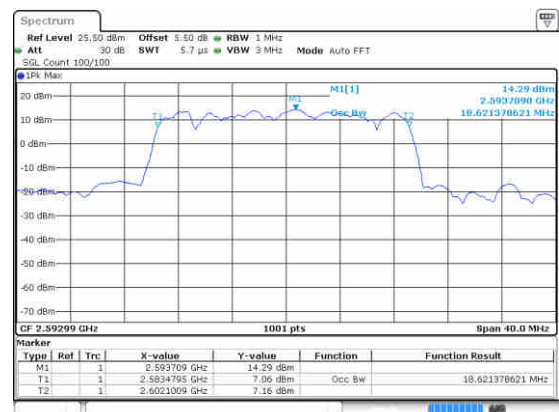
Lowest Channel / 64QAM



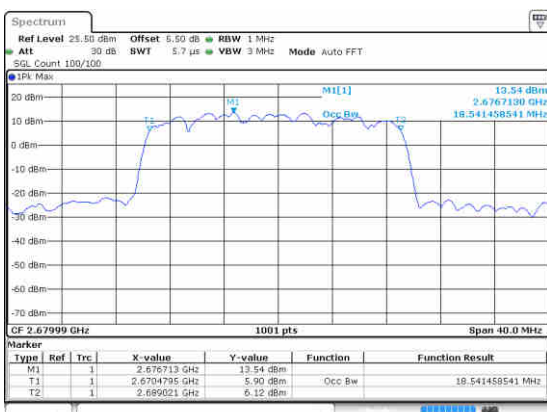
Middle Channel / 16QAM



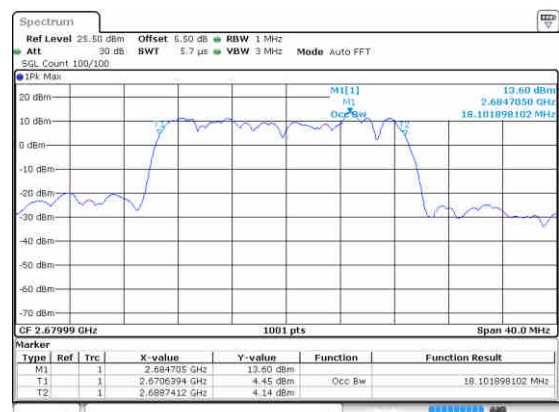
Middle Channel / 64QAM



Highest Channel / 16QAM



Highest Channel / 64QAM

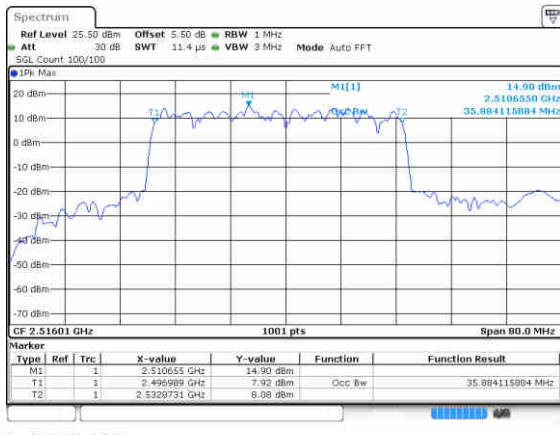




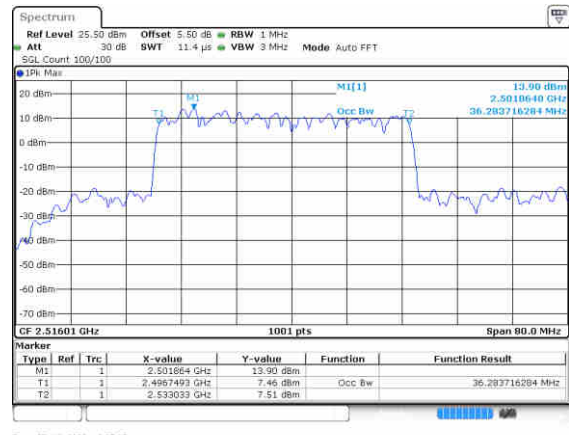
n41

Combination LTE 20MHz + NR 40MHz

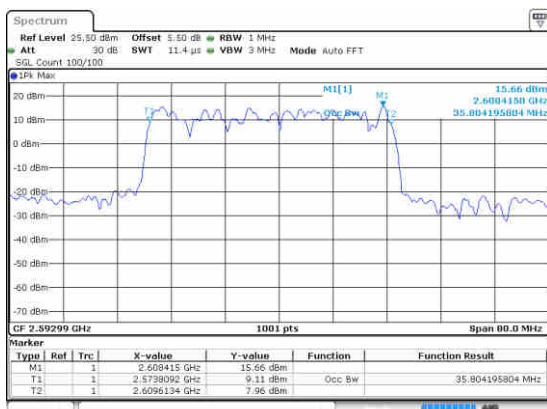
Lowest Channel / BPSK



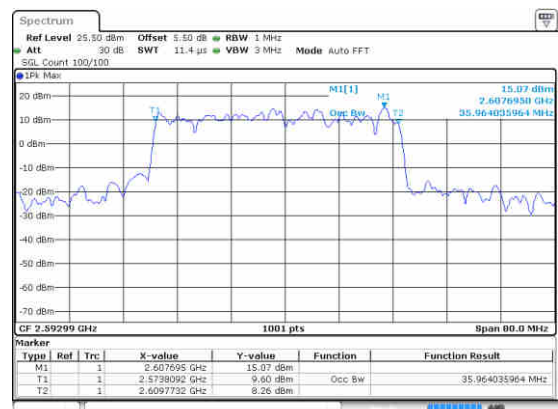
Lowest Channel / QPSK



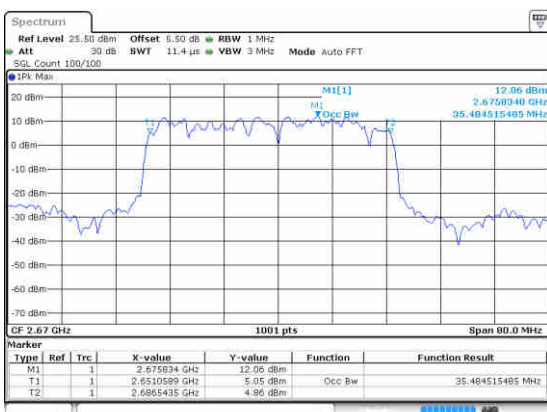
Middle Channel / BPSK



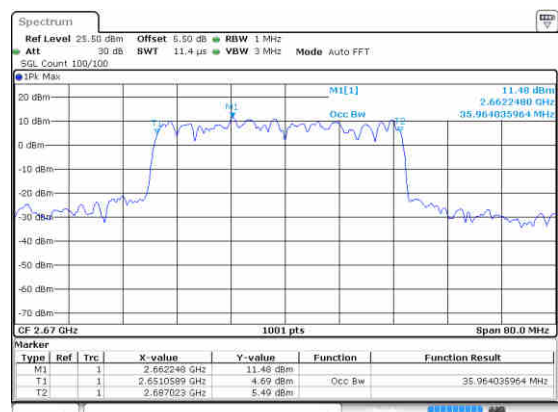
Middle Channel / QPSK



Highest Channel / BPSK

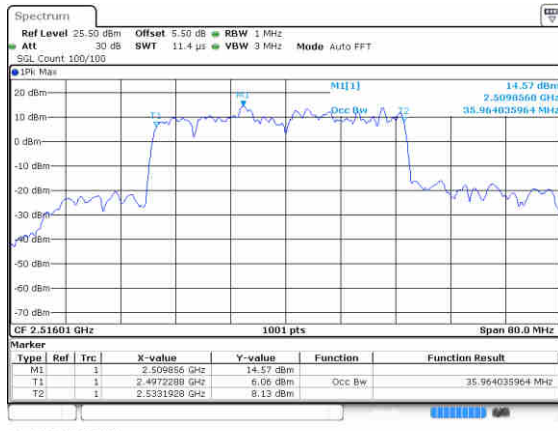


Highest Channel / QPSK

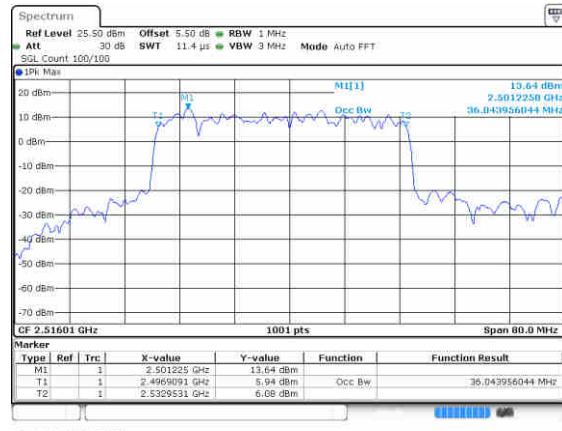




Lowest Channel / 16QAM



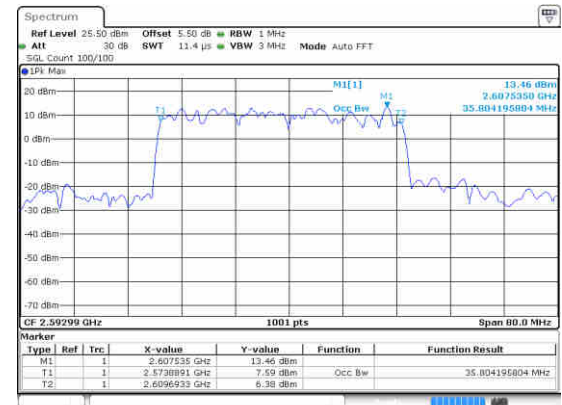
Lowest Channel / 64QAM



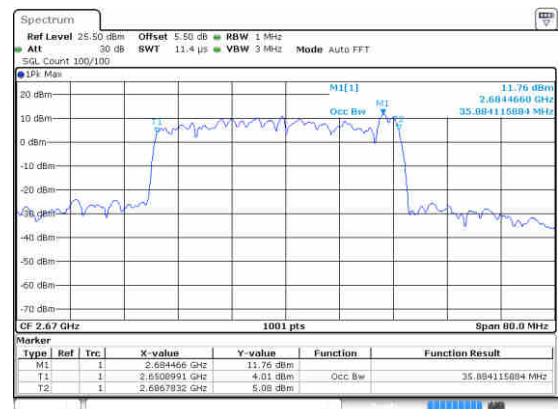
Middle Channel / 16QAM



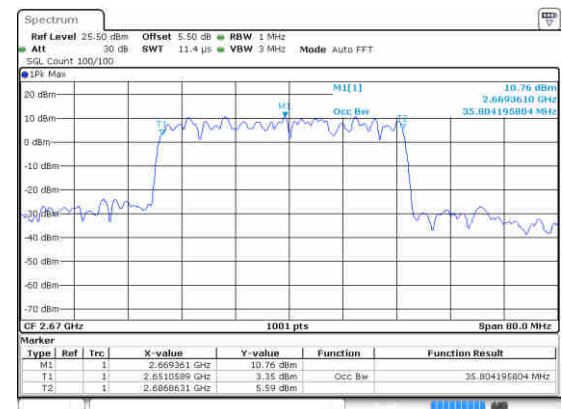
Middle Channel / 64QAM



Highest Channel / 16QAM



Highest Channel / 64QAM

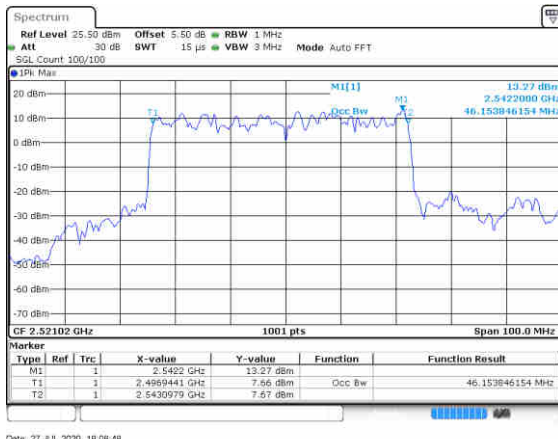




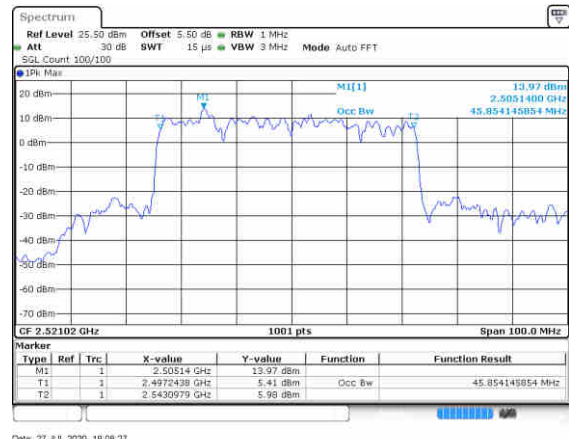
n41

Combination LTE 20MHz + NR 50MHz

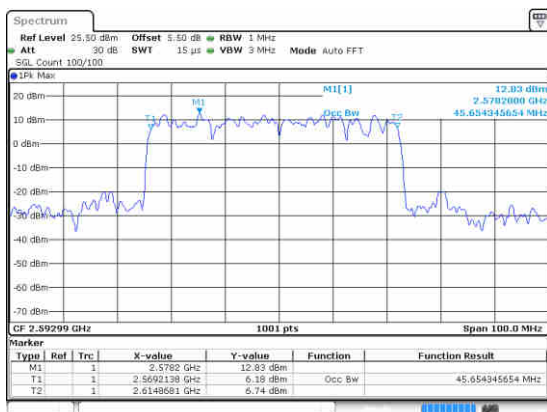
Lowest Channel / BPSK



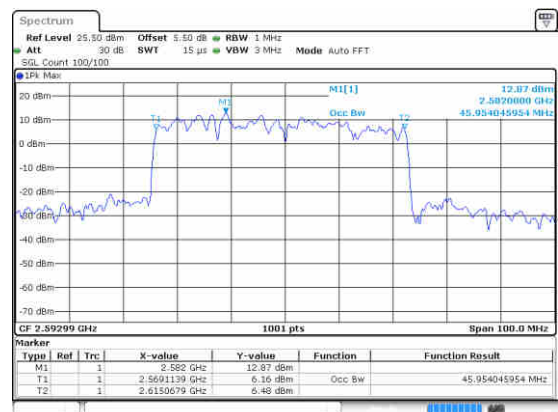
Lowest Channel / QPSK



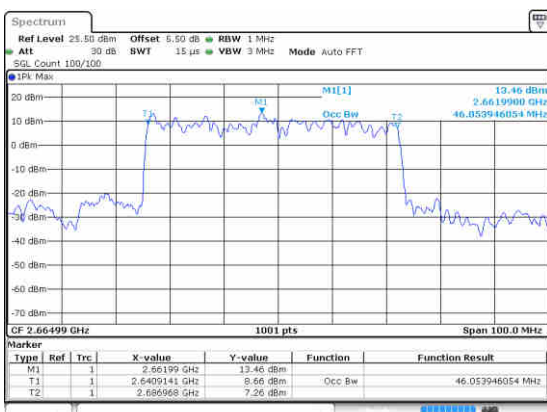
Middle Channel / BPSK



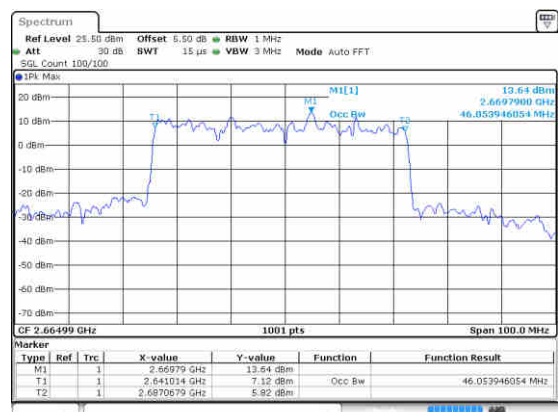
Middle Channel / QPSK



Highest Channel / BPSK



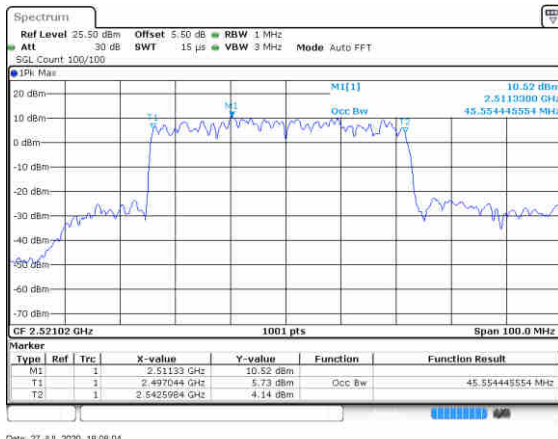
Highest Channel / QPSK



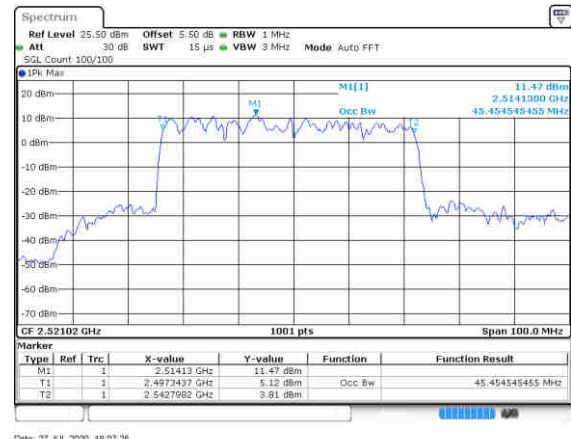
n41

Combination LTE 20MHz + NR 50MHz

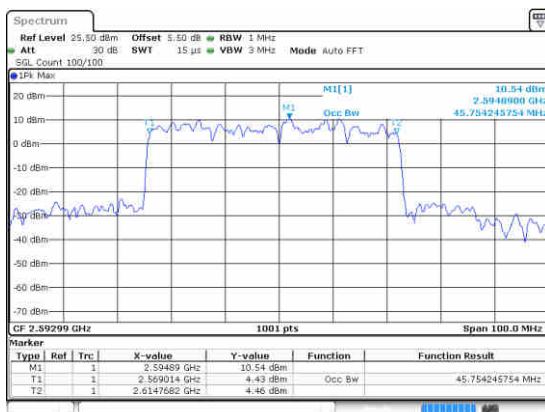
Lowest Channel / 16QAM



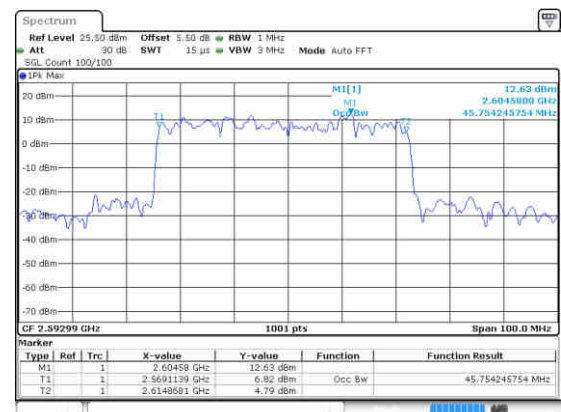
Lowest Channel / 64QAM



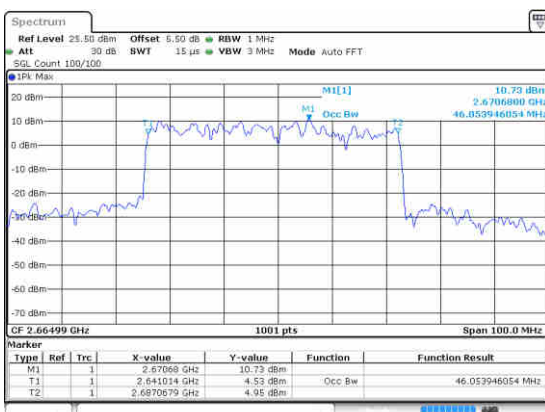
Middle Channel / 16QAM



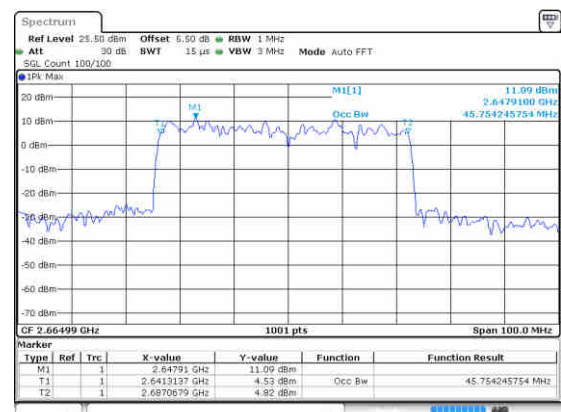
Middle Channel / 64QAM



Highest Channel / 16QAM



Highest Channel / 64QAM

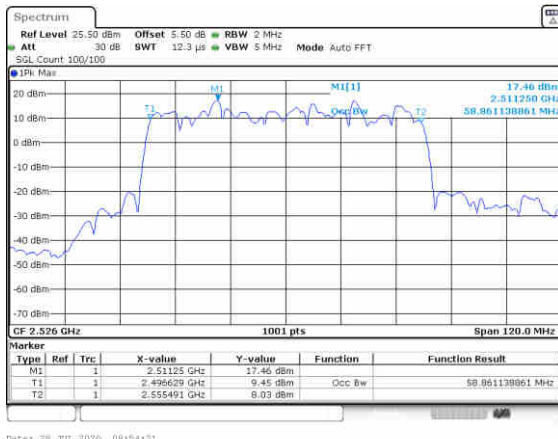




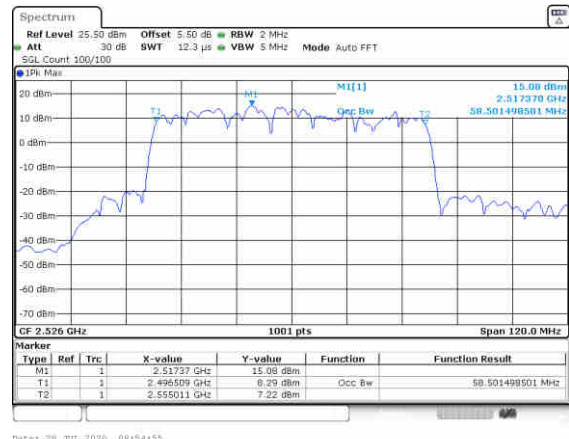
n41

Combination LTE 20MHz + NR 60MHz

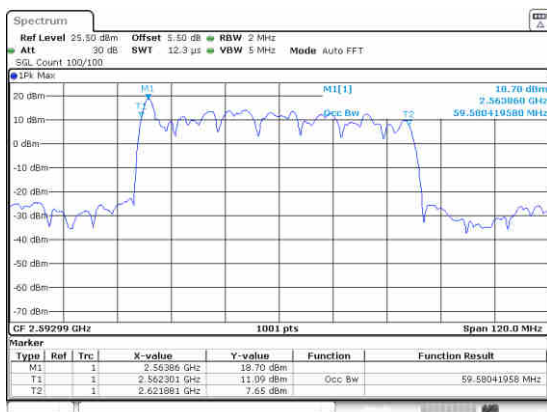
Lowest Channel / BPSK



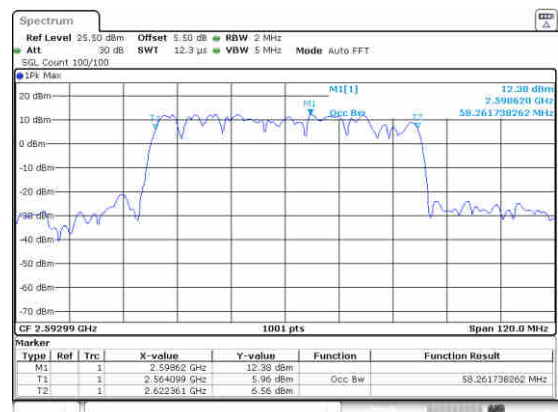
Lowest Channel / QPSK



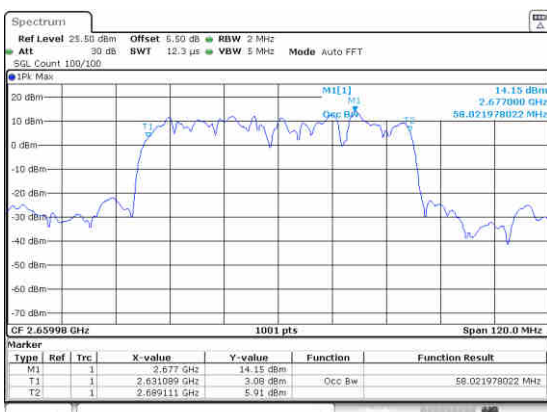
Middle Channel / BPSK



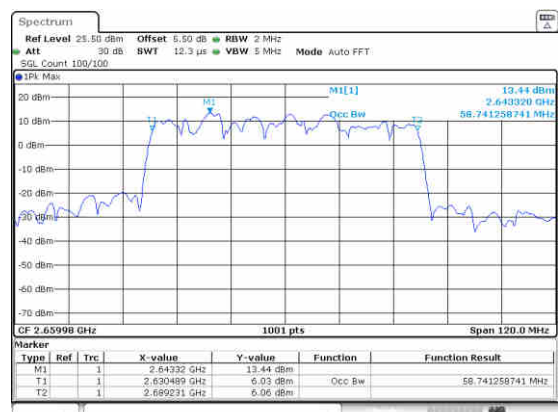
Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK

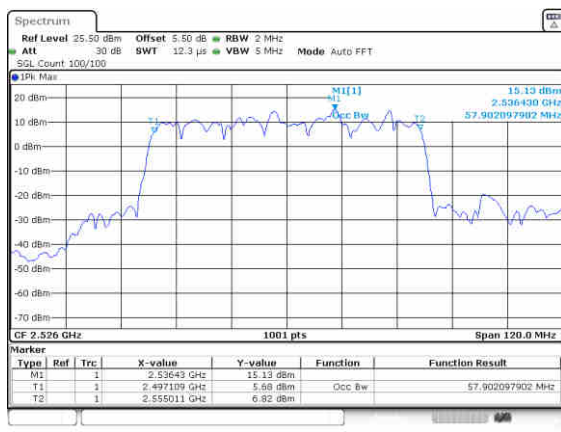




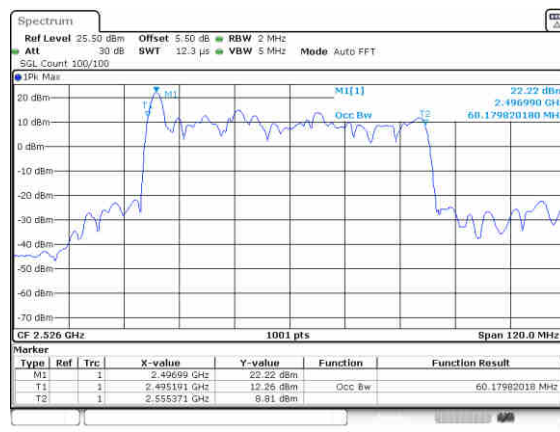
n41

Combination LTE 20MHz + NR 60MHz

Lowest Channel / 16QAM



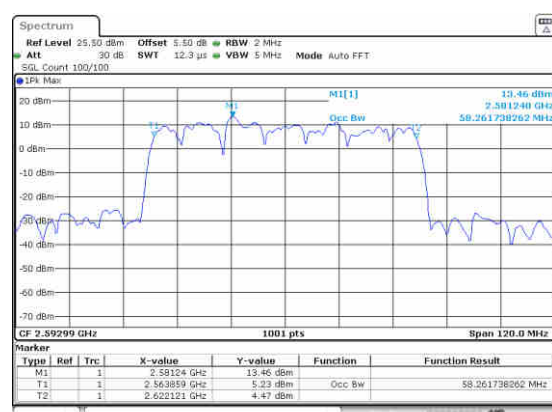
Lowest Channel / 64QAM



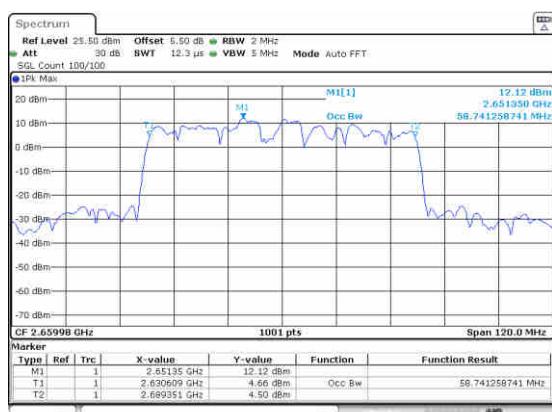
Middle Channel / 16QAM



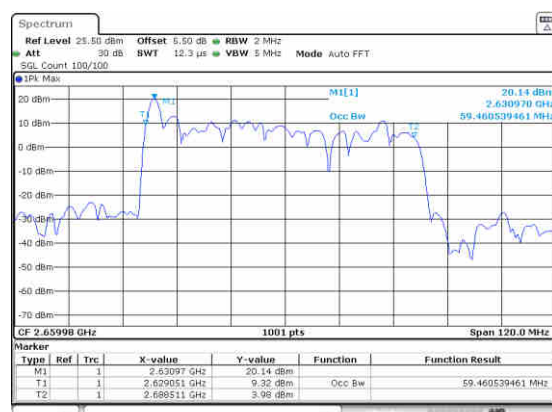
Middle Channel / 64QAM



Highest Channel / 16QAM



Highest Channel / 64QAM

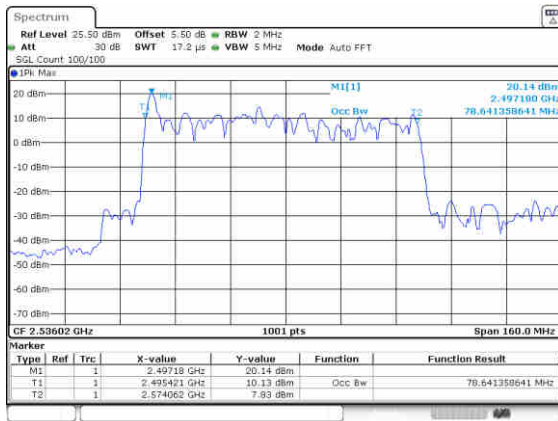




n41

Combination LTE 20MHz + NR 80MHz

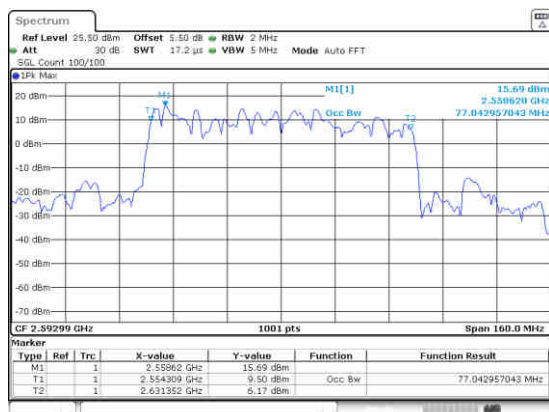
Lowest Channel / BPSK



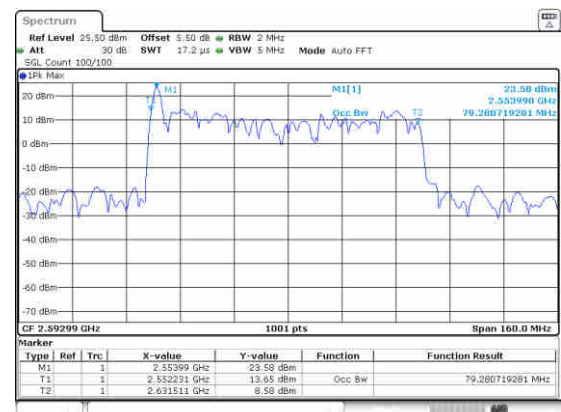
Lowest Channel / QPSK



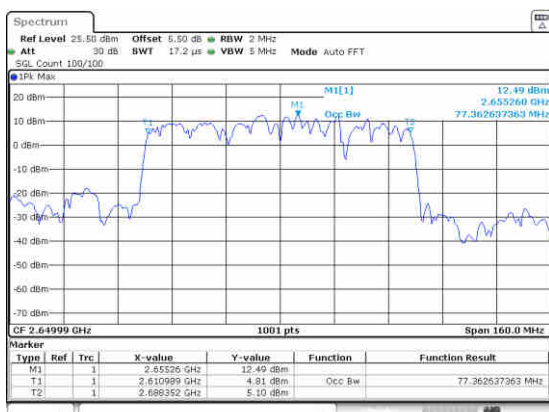
Middle Channel / BPSK



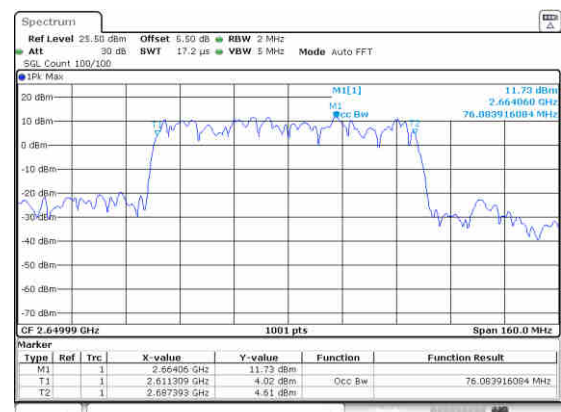
Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK

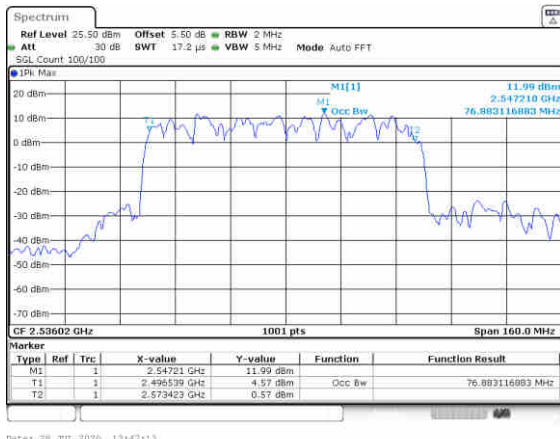




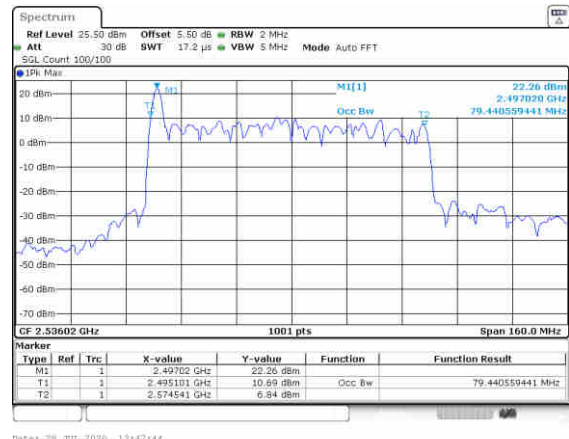
n41

Combination LTE 20MHz + NR 80MHz

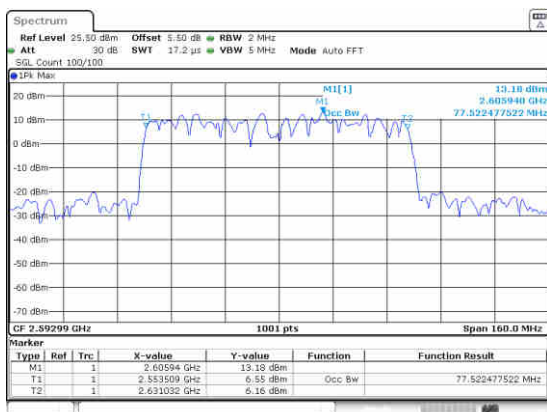
Lowest Channel / 16QAM



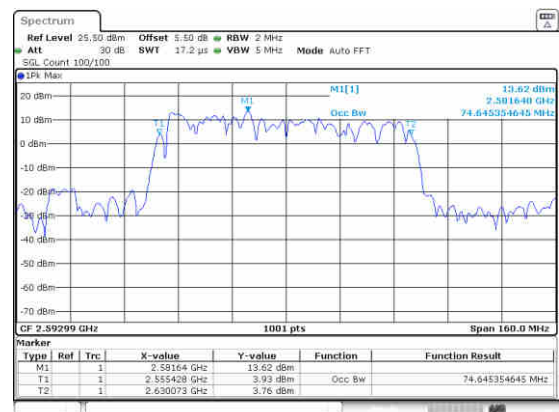
Lowest Channel / 64QAM



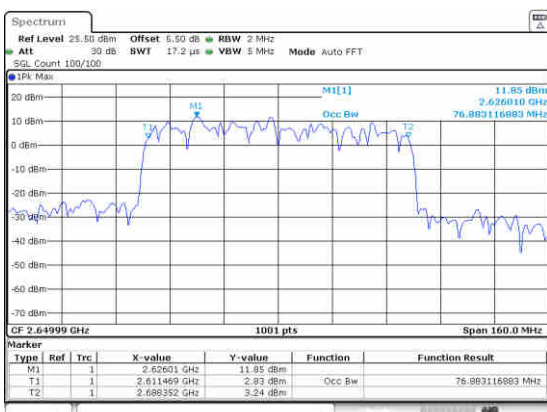
Middle Channel / 16QAM



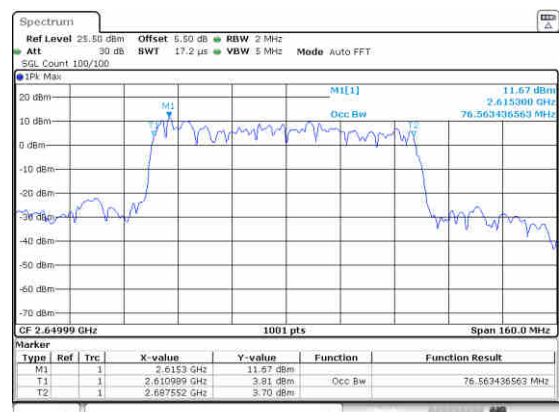
Middle Channel / 64QAM



Highest Channel / 16QAM



Highest Channel / 64QAM

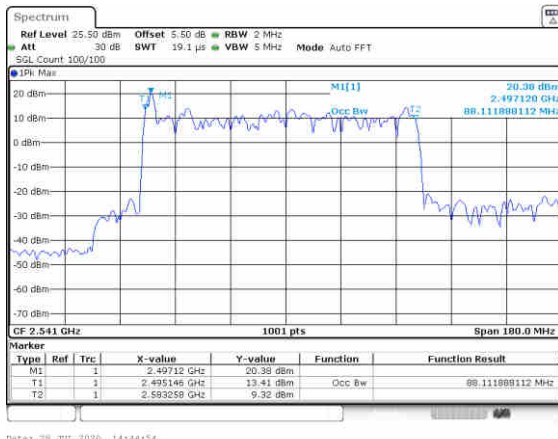




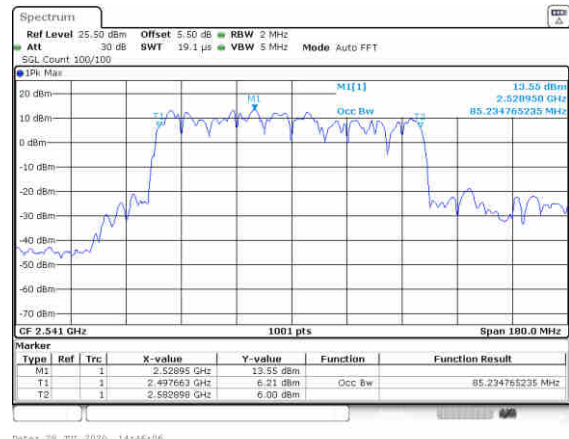
n41

Combination LTE 20MHz + NR 90MHz

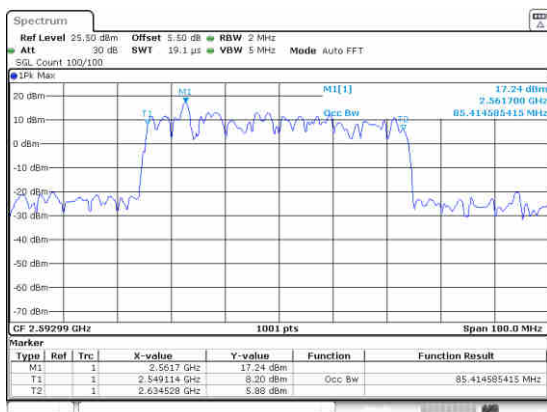
Lowest Channel / BPSK



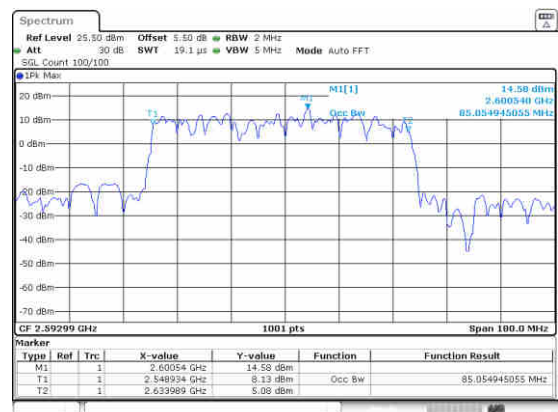
Lowest Channel / QPSK



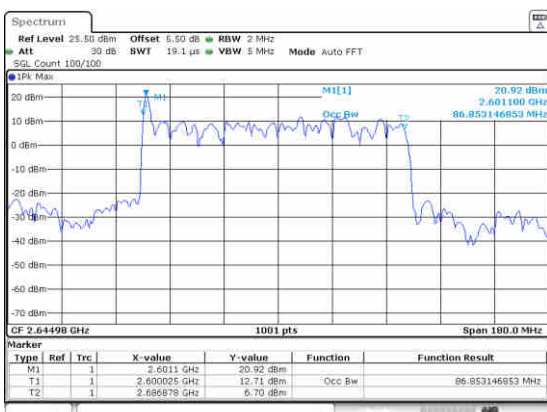
Middle Channel / BPSK



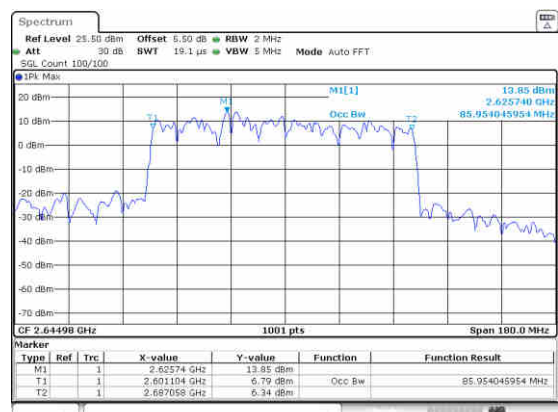
Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK

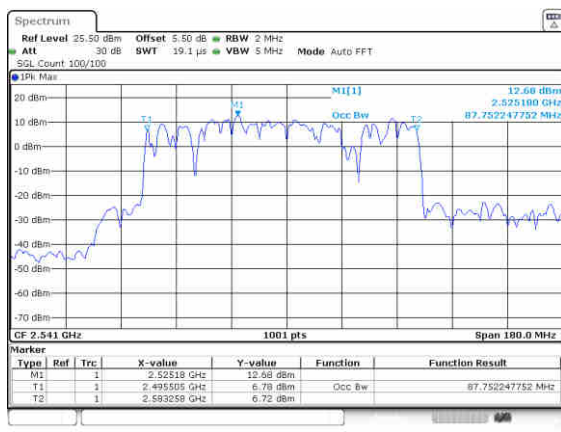




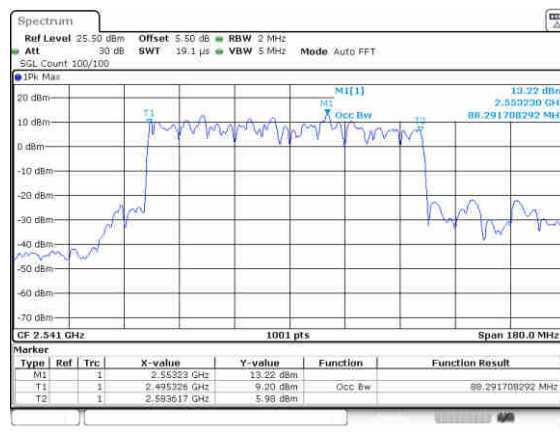
n41

Combination LTE 20MHz + NR 90MHz

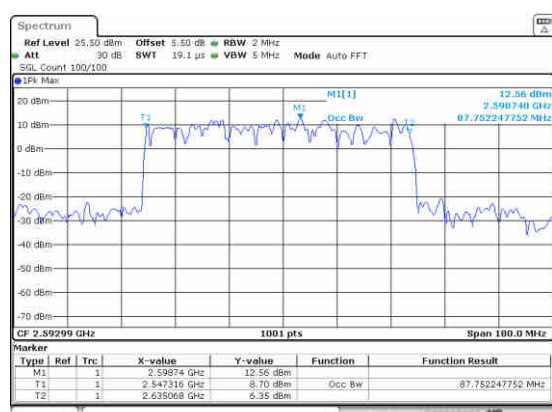
Lowest Channel / 16QAM



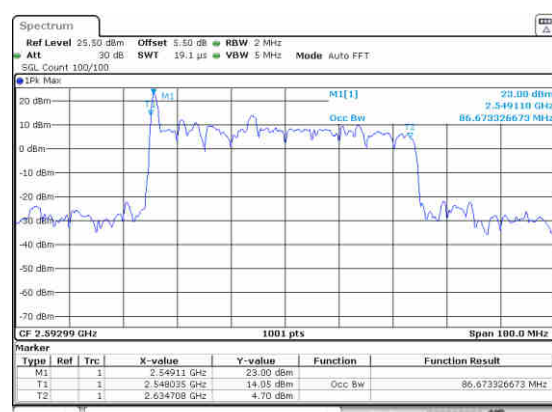
Lowest Channel / 64QAM



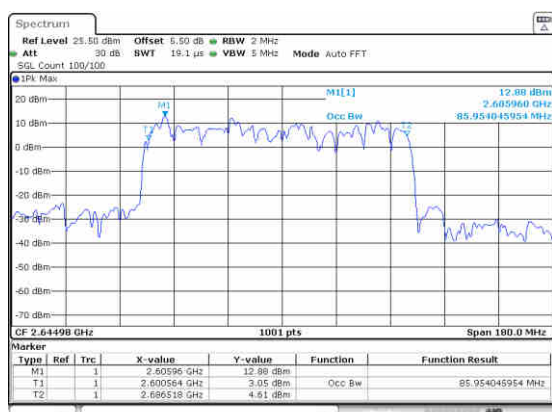
Middle Channel / 16QAM



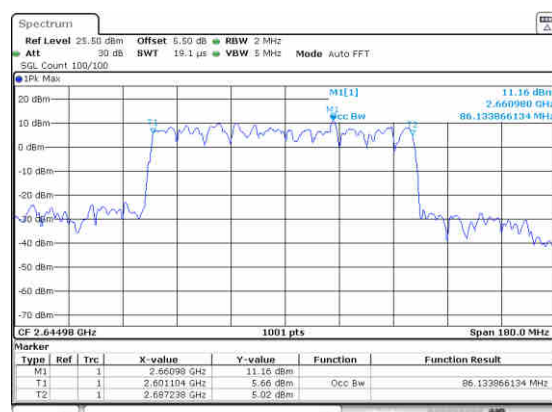
Middle Channel / 64QAM



Highest Channel / 16QAM



Highest Channel / 64QAM

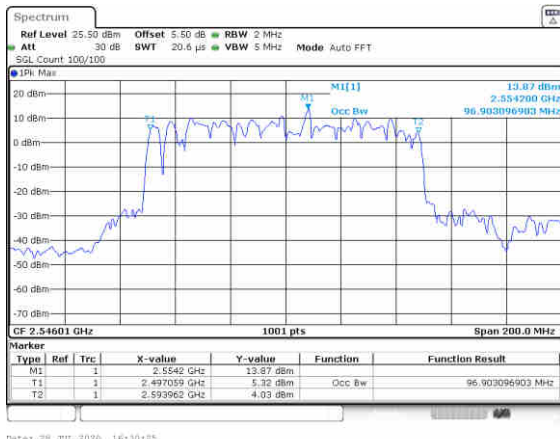




n41

Combination LTE 20MHz + NR 100MHz

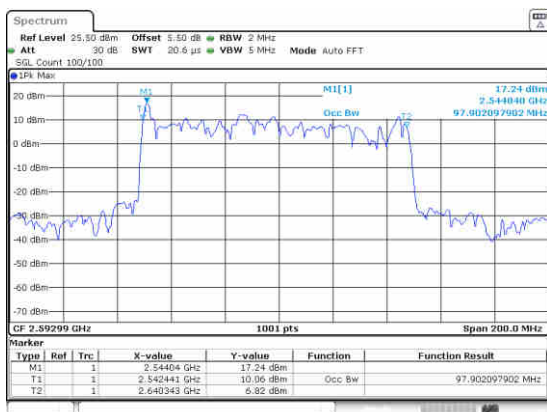
Lowest Channel / BPSK



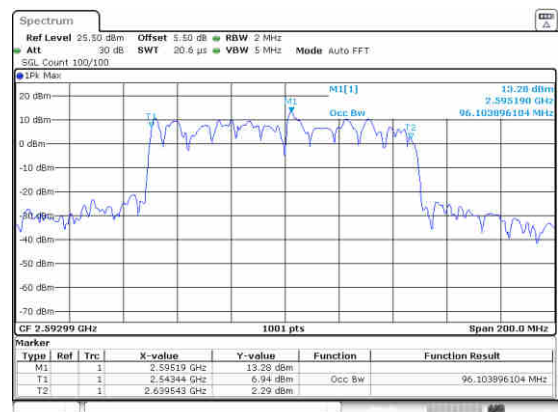
Lowest Channel / QPSK



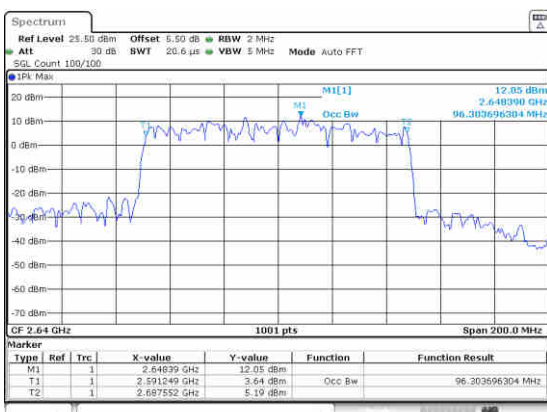
Middle Channel / BPSK



Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK

