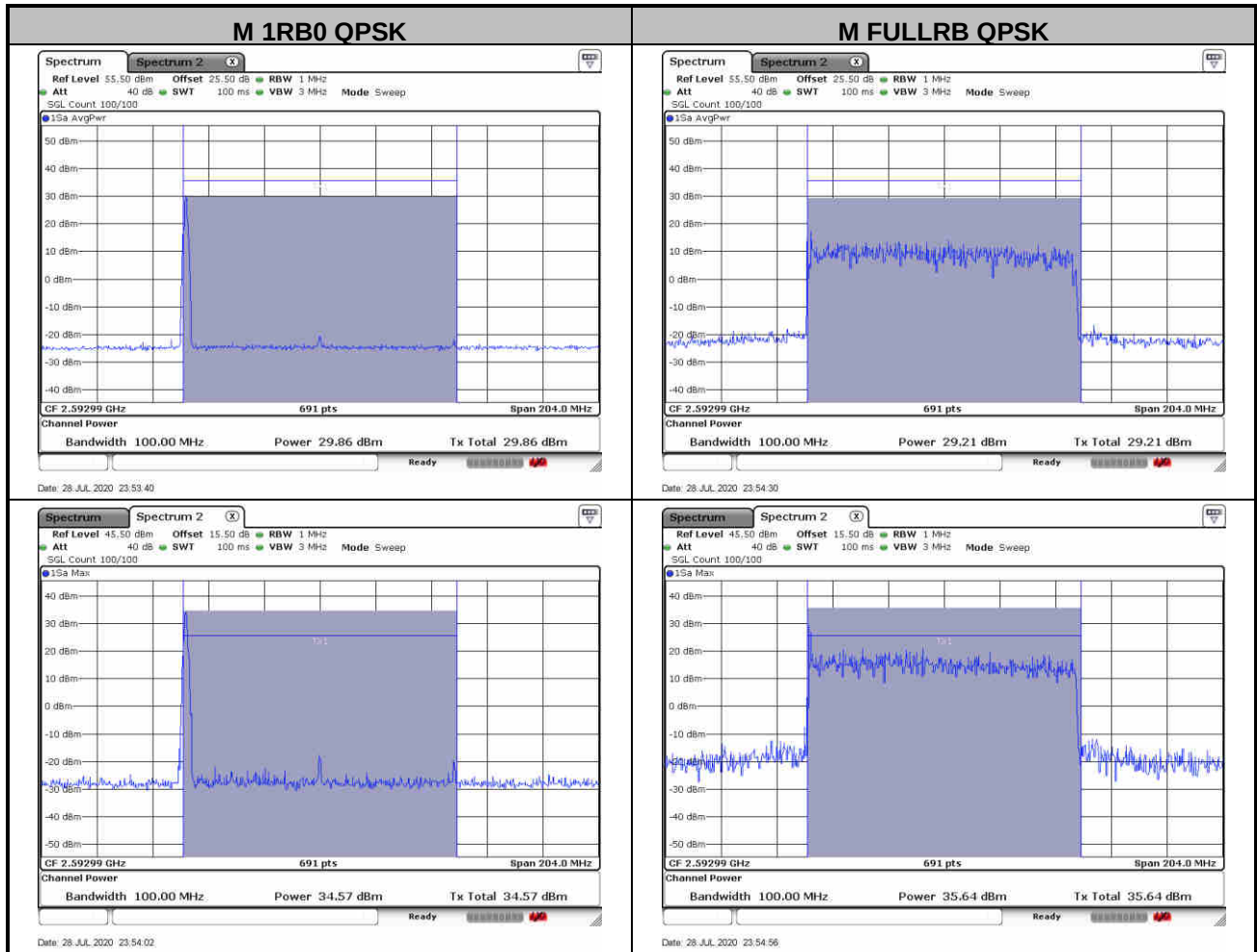
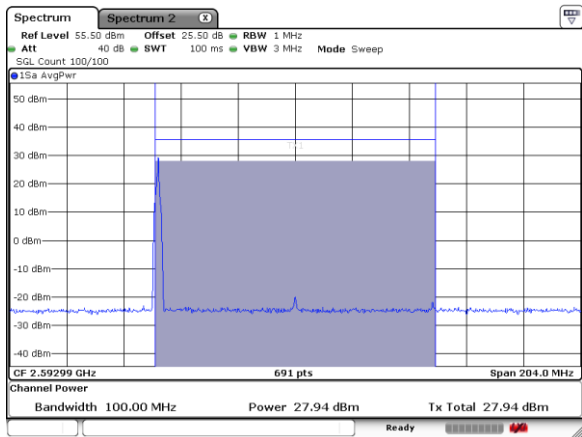




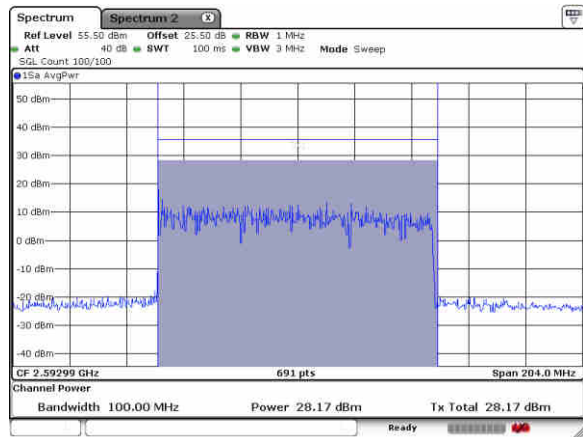


M 1RB0 16QAM

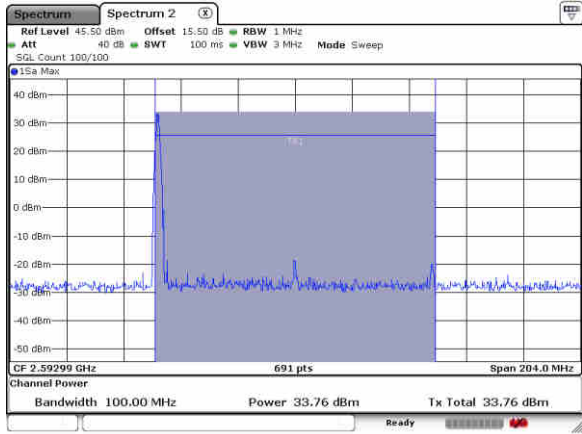


Date: 28 JUL 2020 23:55:28

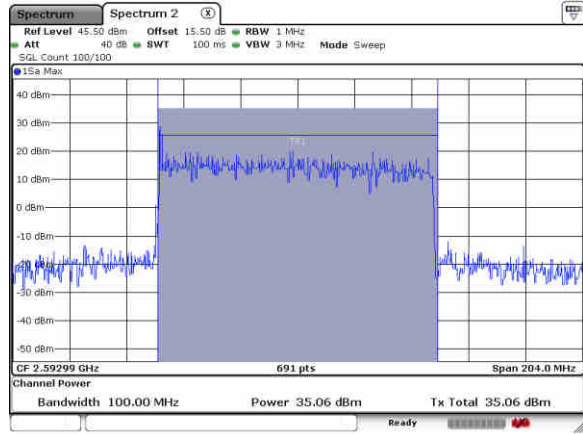
M FULLRB 16QAM



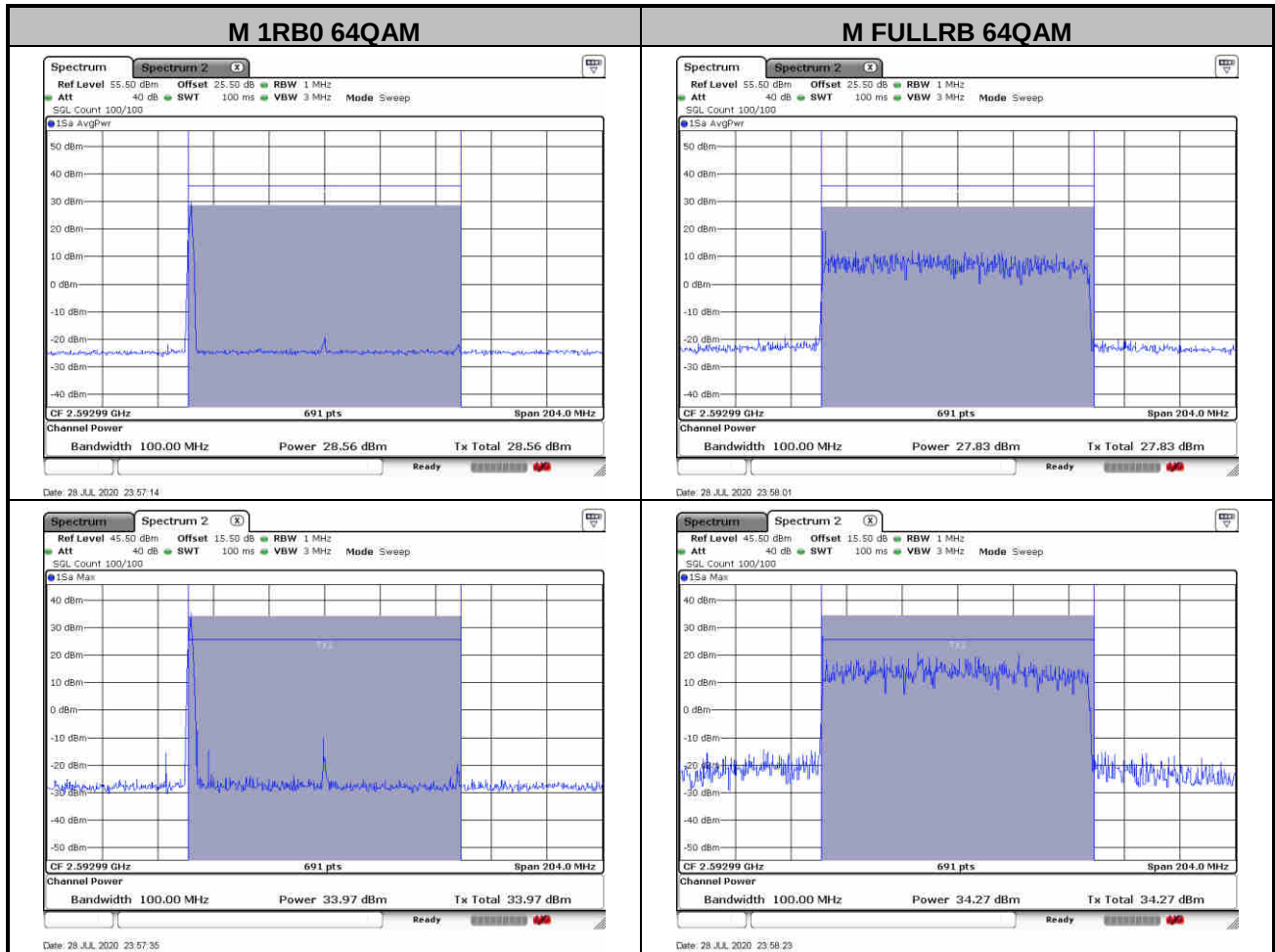
Date: 28 JUL 2020 23:56:19



Date: 28 JUL 2020 23:55:53

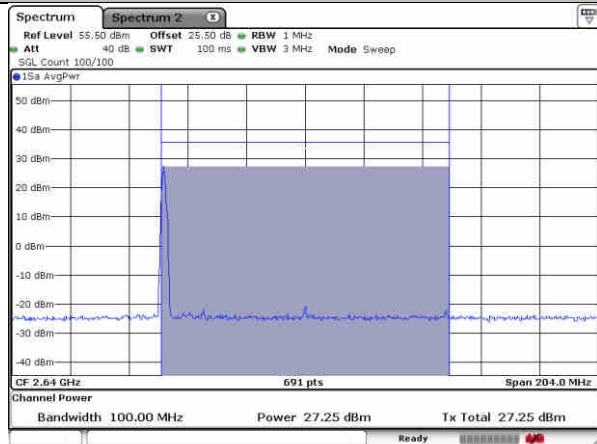


Date: 28 JUL 2020 23:56:45



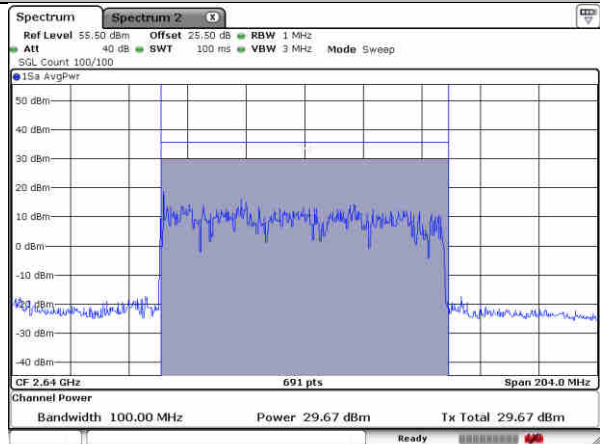


H 1RB0 BPSK

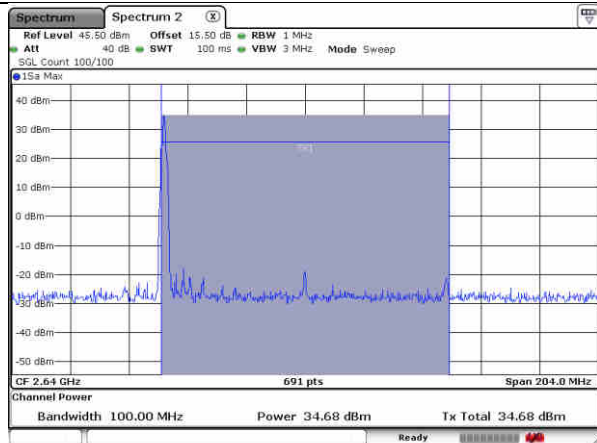


Date: 29 JUL 2020 00:25:15

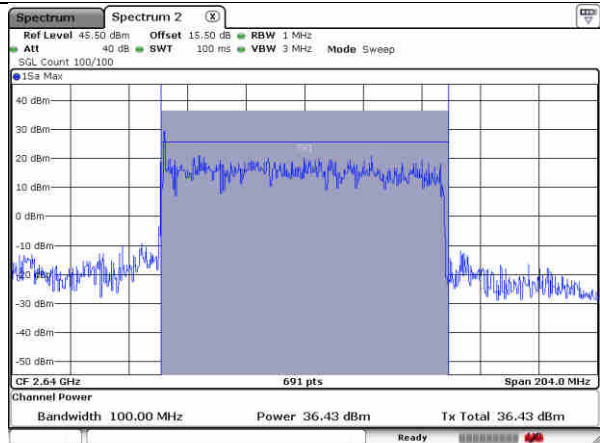
H FULLRB BPSK



Date: 29 JUL 2020 00:26:11



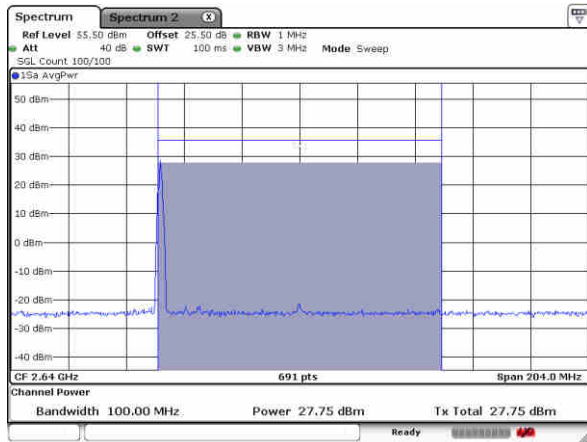
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Date: 29 JUL 2020 00:27:04

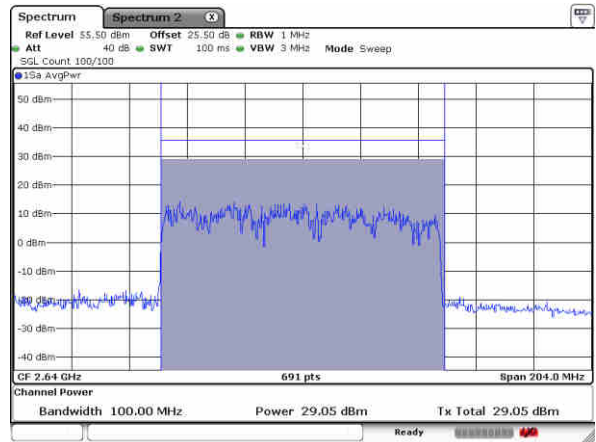


H 1RB0 QPSK

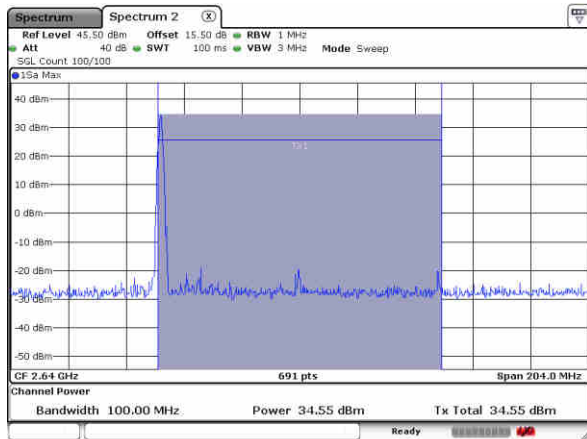


Date: 29 JUL 2020 00:27:59

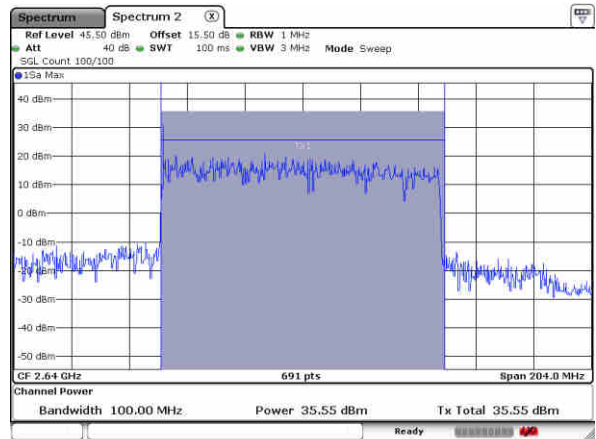
H FULLRB QPSK



Date: 29 JUL 2020 00:28:52



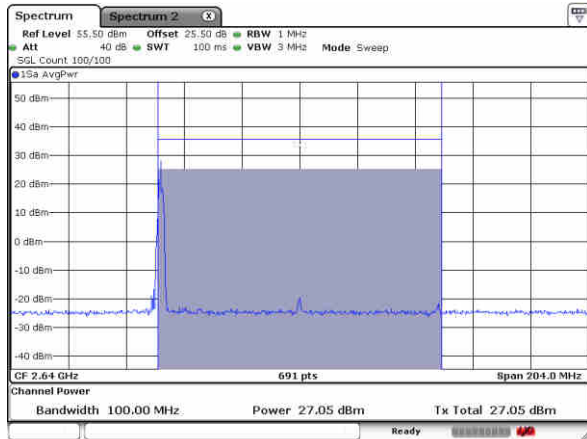
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Date: 29 JUL 2020 00:29:15

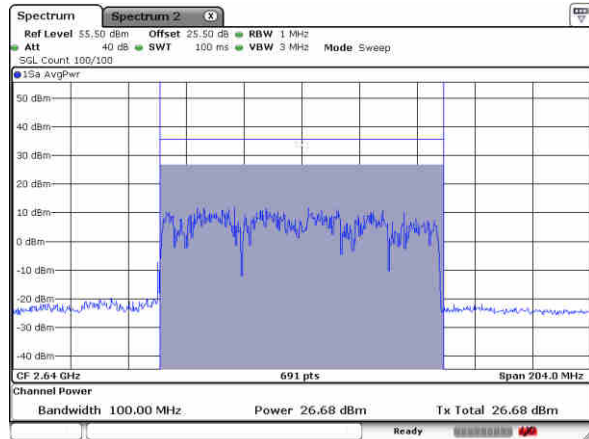


H 1RB0 16QAM

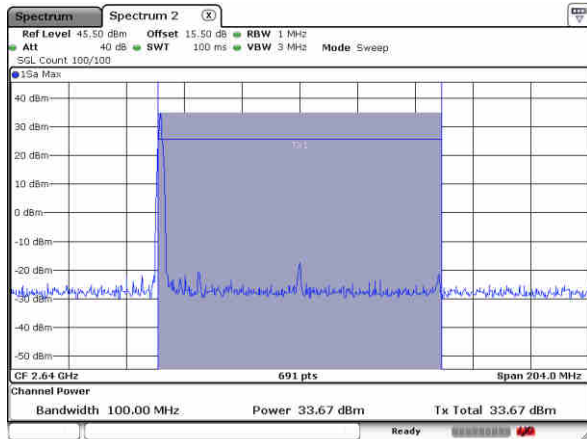


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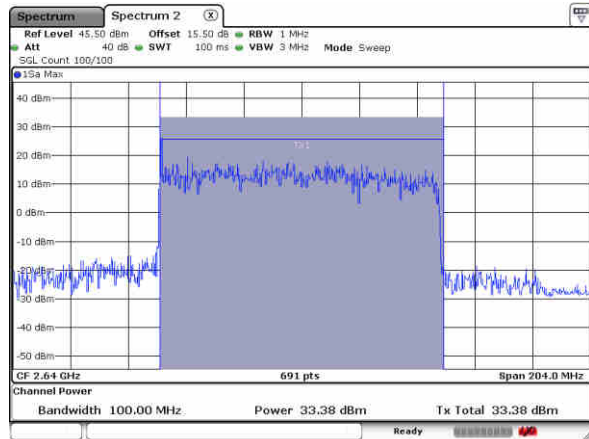
H FULLRB 16QAM



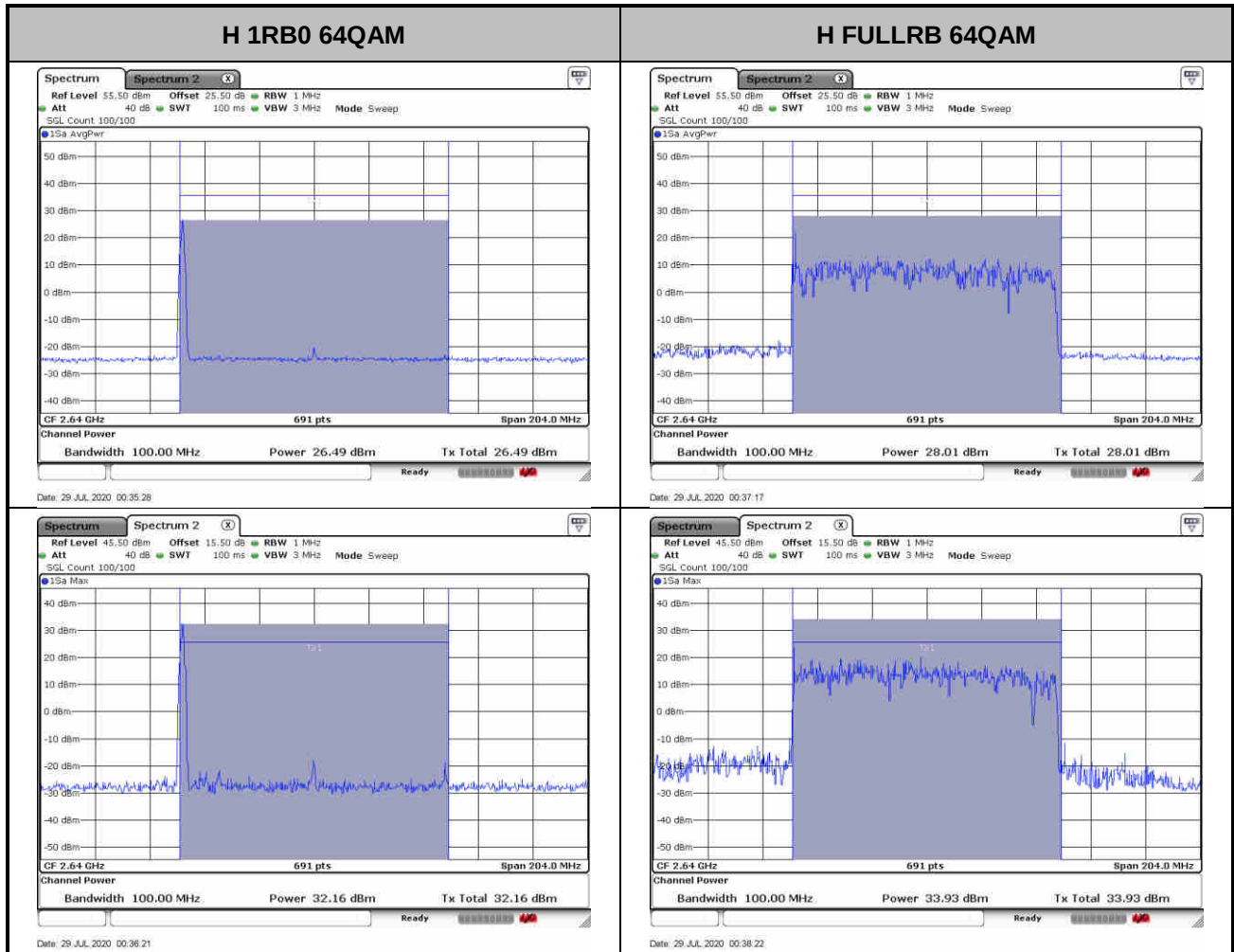
Date: 29 JUL 2020 00:33:21



Date: 29 JUL 2020 00:31:50



Date: 29 JUL 2020 00:34:31



**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

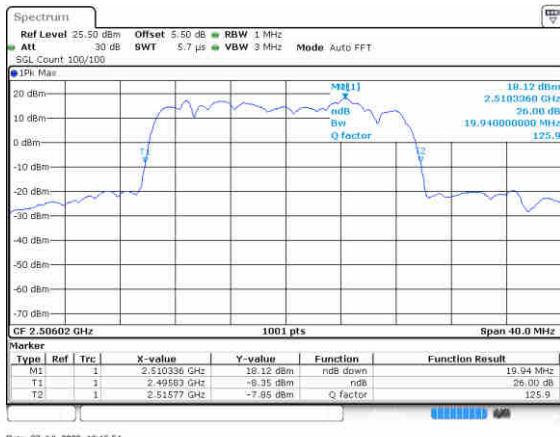
Note: The EN-DC of LTE Band 41 test results are leveraged from LTE single carrier.



n41

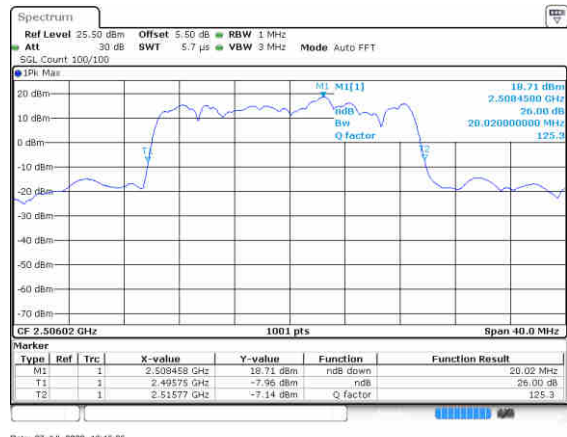
Combination LTE 20MHz + NR 20MHz

Lowest Channel / BPSK



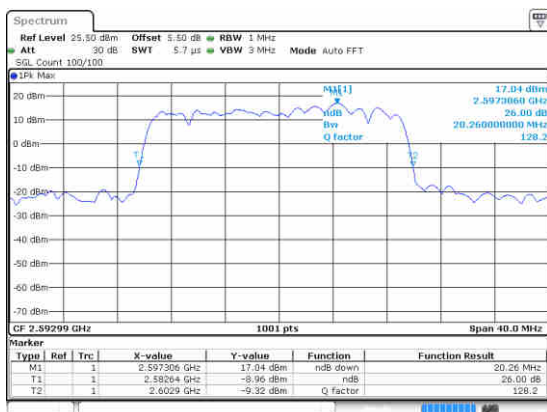
Date: 27.8.2020 16:15:54

Lowest Channel / QPSK

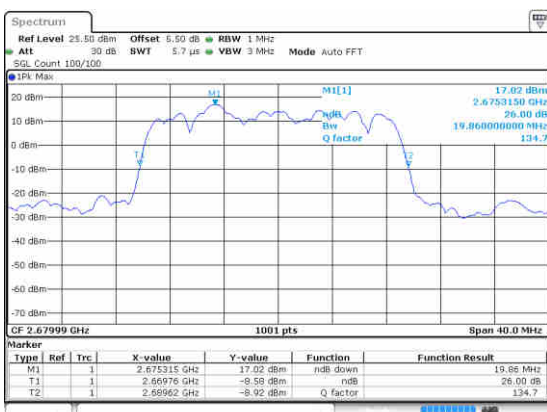


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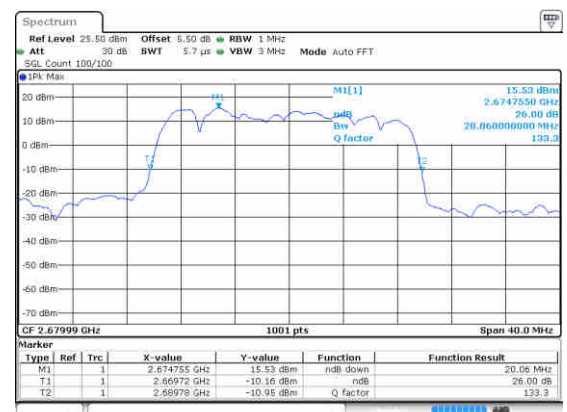
Middle Channel / BPSK



Highest Channel / BPSK



Highest Channel / QPSK

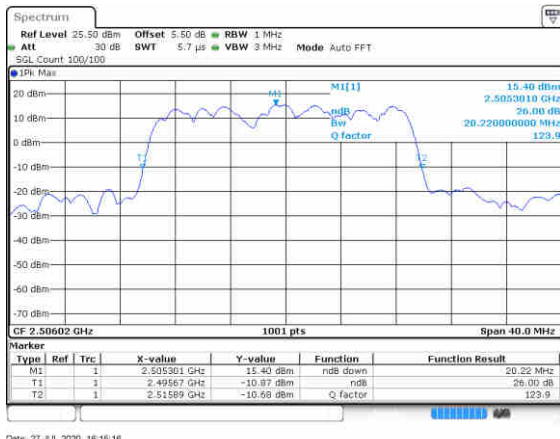




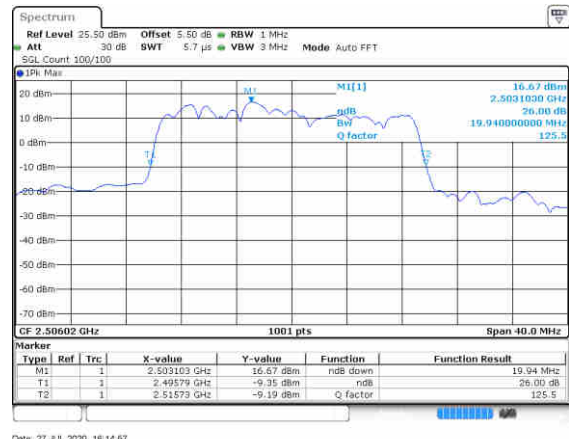
n41

Combination LTE 20MHz + NR 20MHz

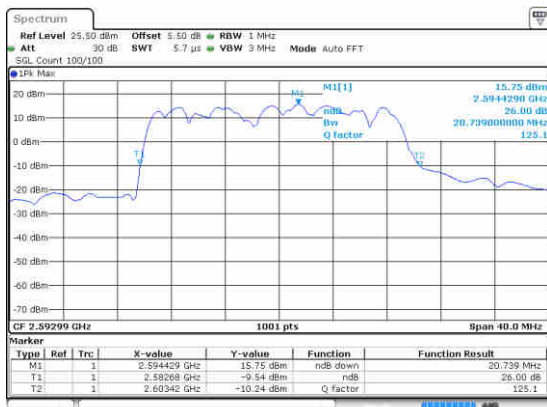
Lowest Channel / 16QAM



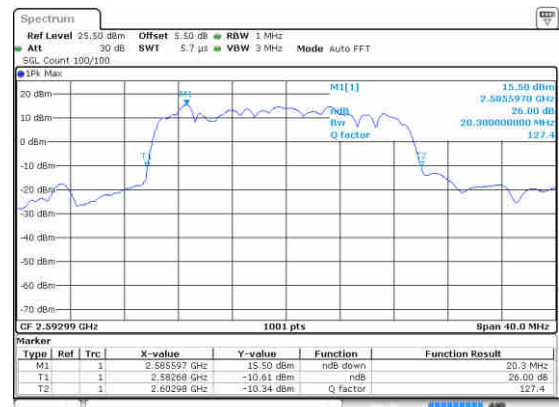
Lowest Channel / 64QAM



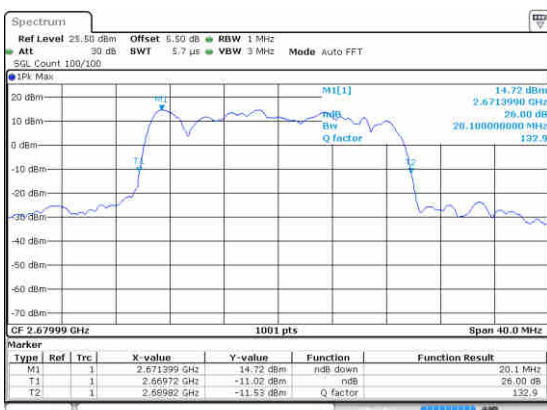
Middle Channel / 16QAM



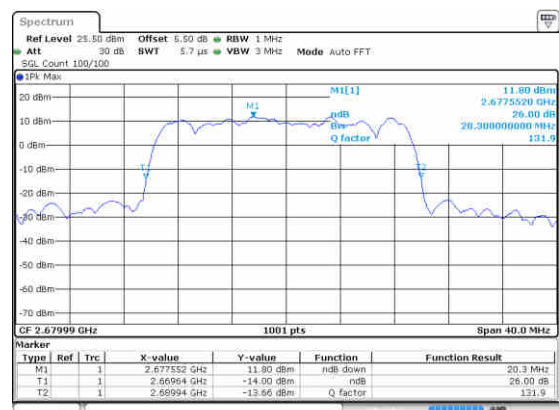
Middle Channel / 64QAM



Highest Channel / 16QAM



Highest Channel / 64QAM

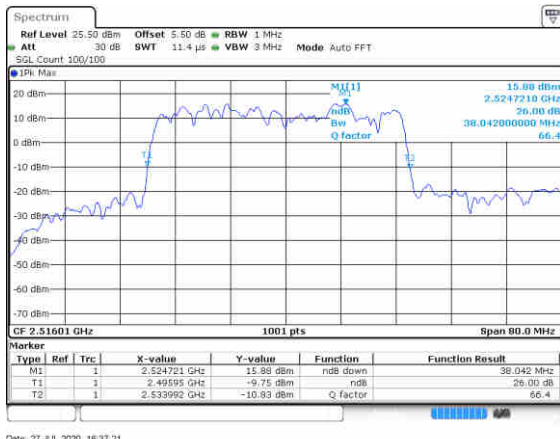




n41

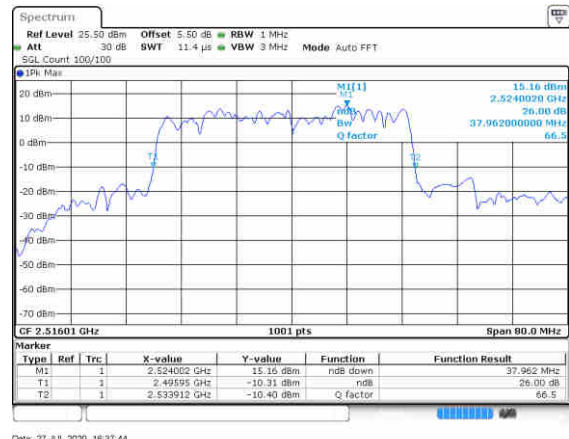
Combination LTE 20MHz + NR 40MHz

Lowest Channel / BPSK



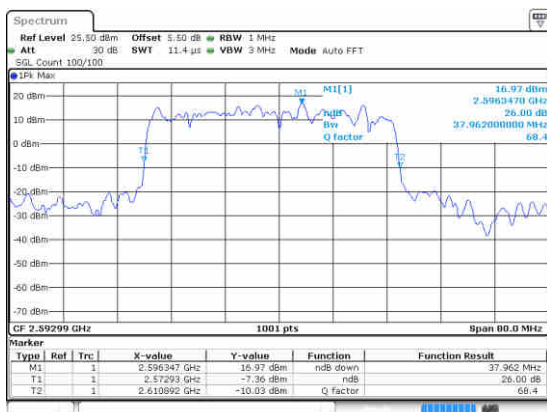
Date: 27.8.2020 16:37:31

Lowest Channel / QPSK



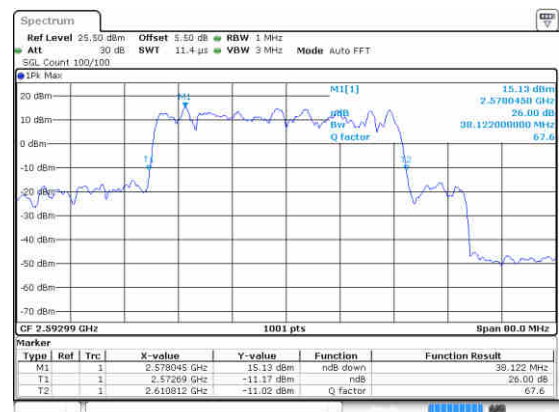
Date: 27.8.2020 16:37:44

Middle Channel / BPSK



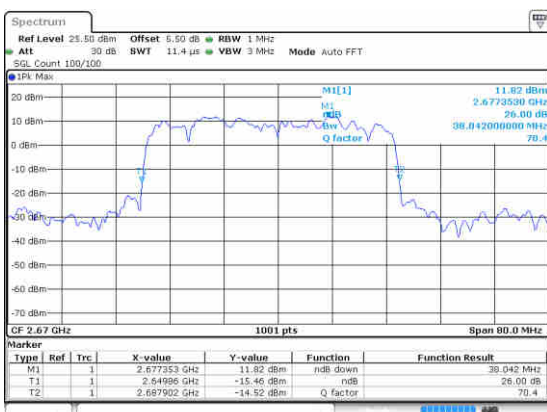
Date: 27.8.2020 16:37:44

Middle Channel / QPSK



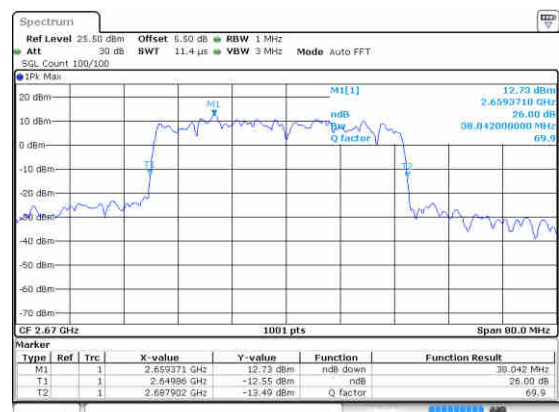
Date: 27.8.2020 16:37:44

Highest Channel / BPSK



Date: 27.8.2020 16:37:44

Highest Channel / QPSK



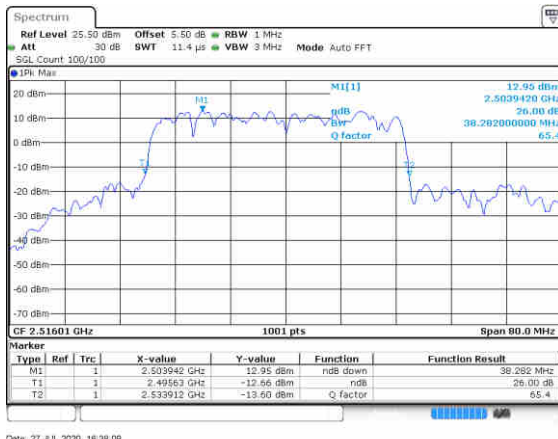
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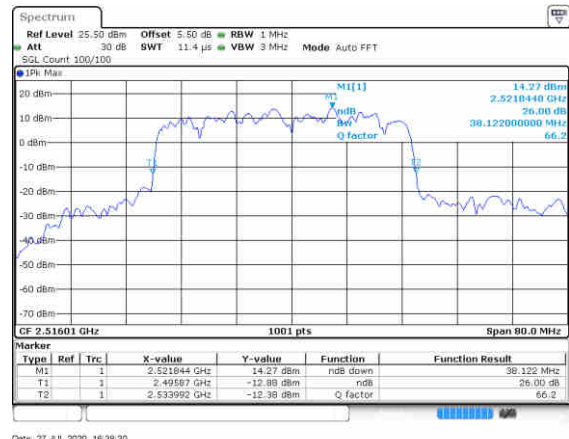
n41

Combination LTE 20MHz + NR 40MHz

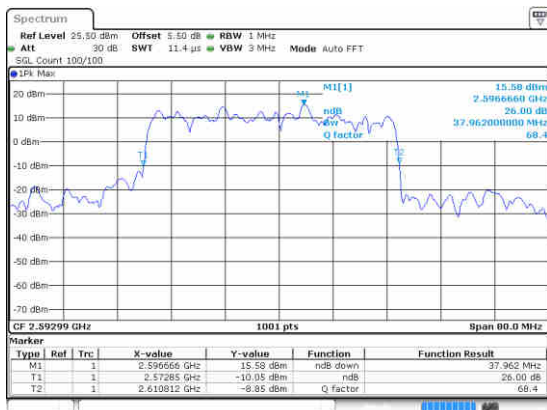
Lowest Channel / 16QAM



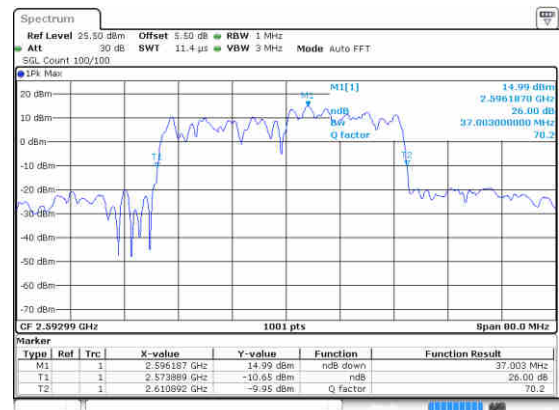
Lowest Channel / 64QAM



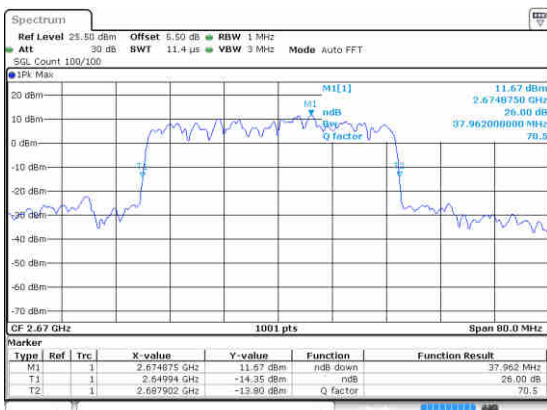
Middle Channel / 16QAM



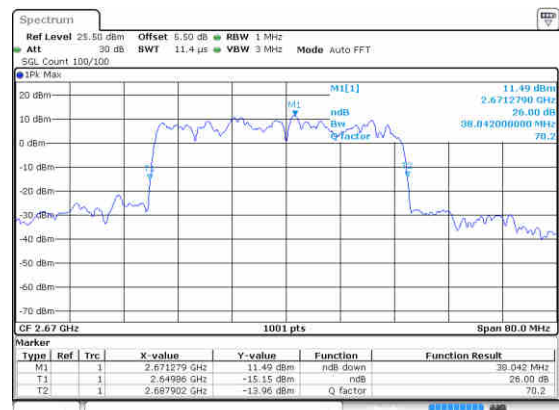
Middle Channel / 64QAM



Highest Channel / 16QAM



Highest Channel / 64QAM

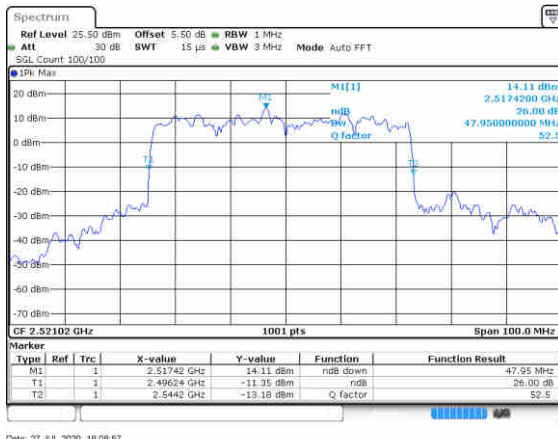




n41

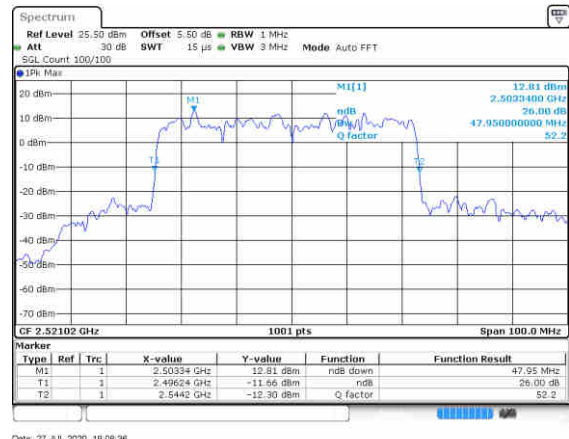
Combination LTE 20MHz + NR 50MHz

Lowest Channel / BPSK



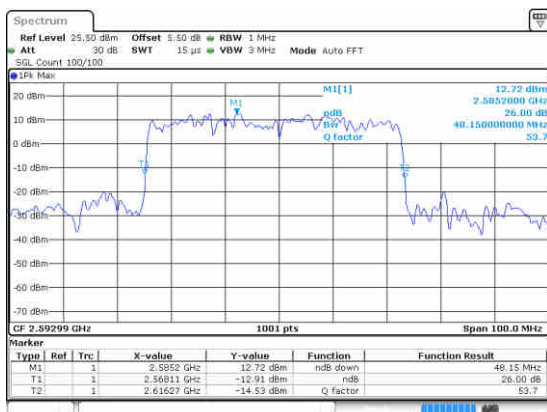
Date: 27.8.2020 16:08:07

Lowest Channel / QPSK



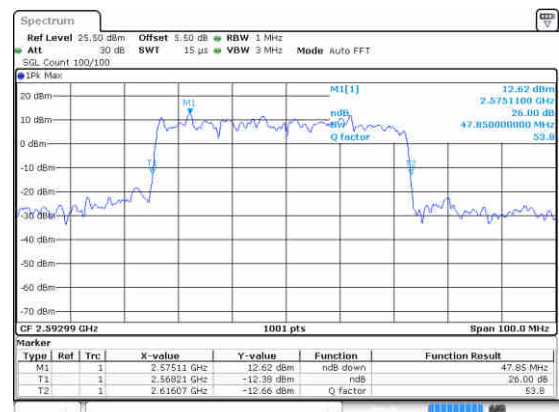
Date: 27.8.2020 16:08:36

Middle Channel / BPSK



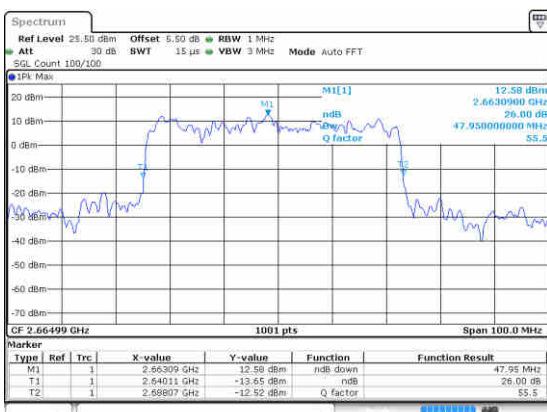
Date: 27.8.2020 16:08:36

Middle Channel / QPSK



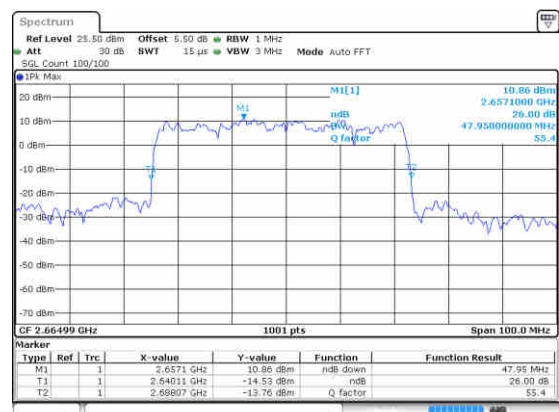
Date: 27.8.2020 16:08:36

Highest Channel / BPSK

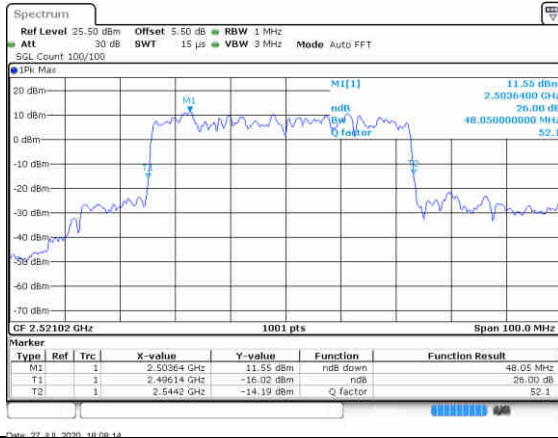
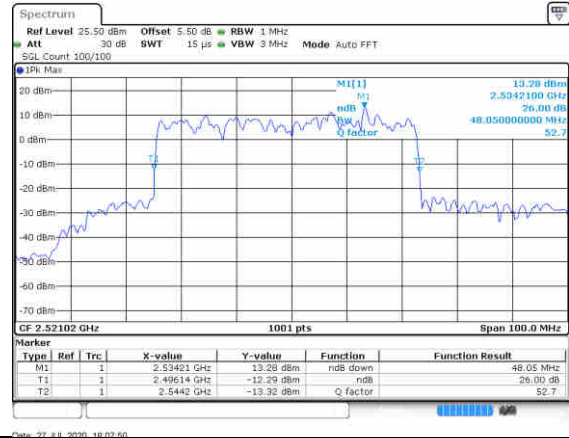
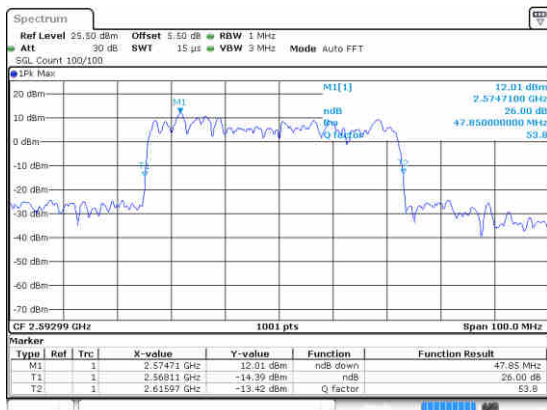
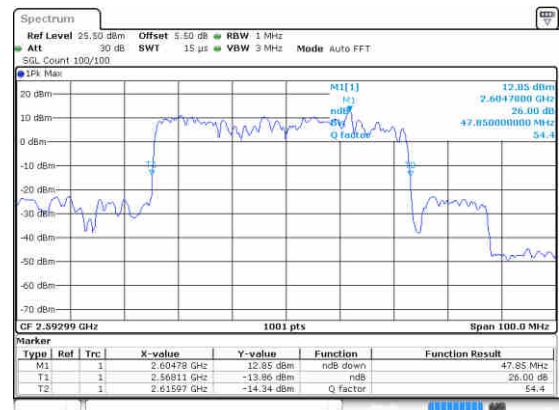
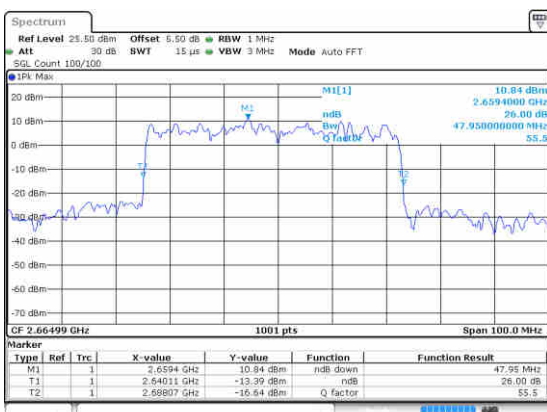
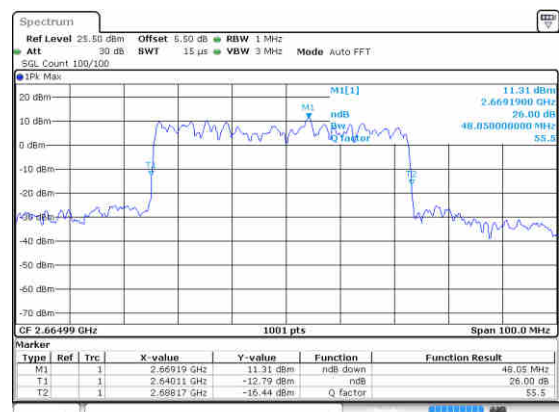


Date: 27.8.2020 16:08:36

Highest Channel / QPSK



Date: 27.8.2020 16:08:36

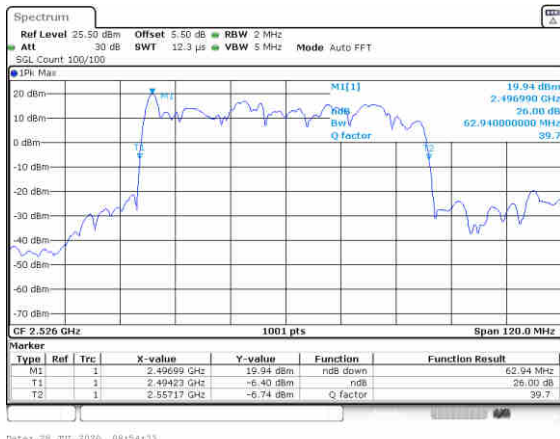
n41
Combination LTE 20MHz + NR 50MHz
Lowest Channel / 16QAM

Lowest Channel / 64QAM

Middle Channel / 16QAM

Middle Channel / 64QAM

Highest Channel / 16QAM

Highest Channel / 64QAM




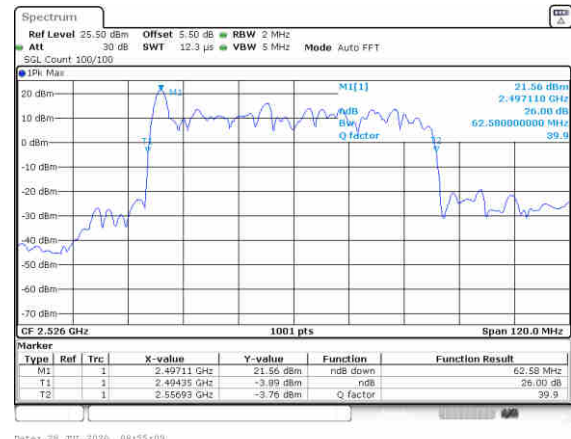
n41

Combination LTE 20MHz + NR 60MHz

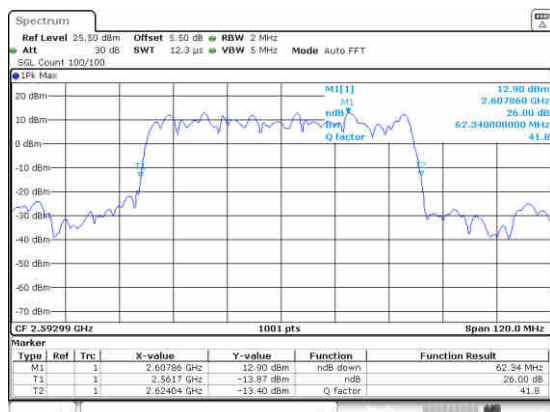
Lowest Channel / BPSK



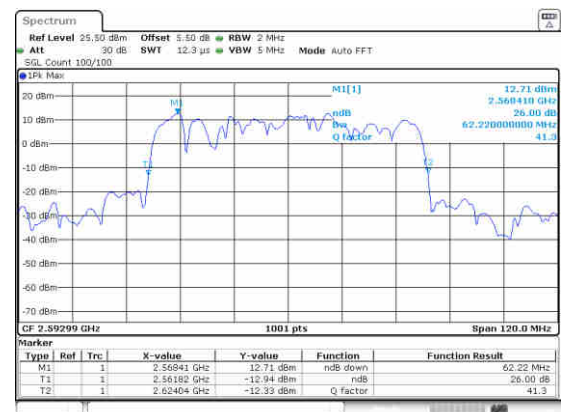
Lowest Channel / QPSK



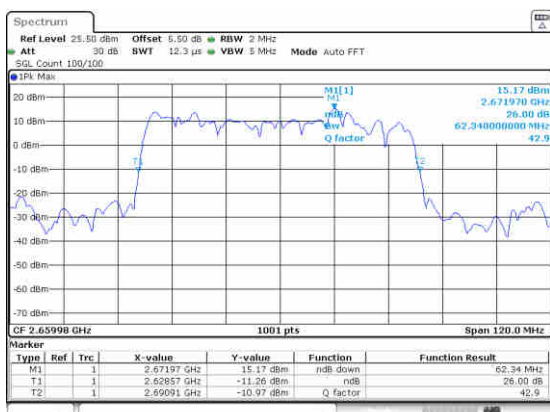
Middle Channel / BPSK



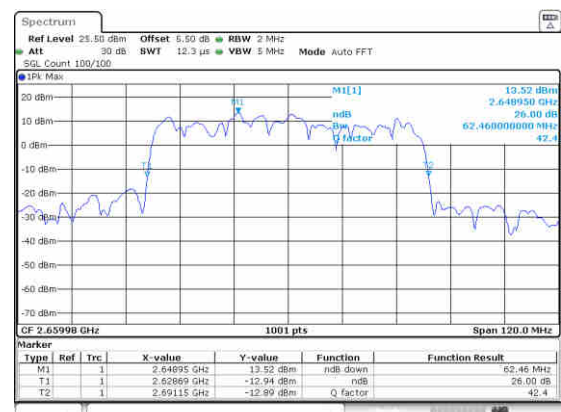
Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK

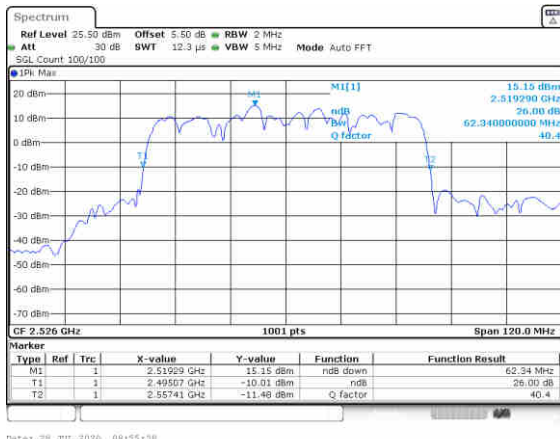




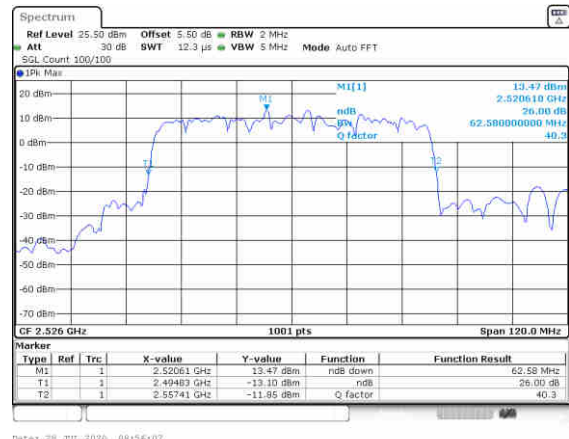
n41

Combination LTE 20MHz + NR 60MHz

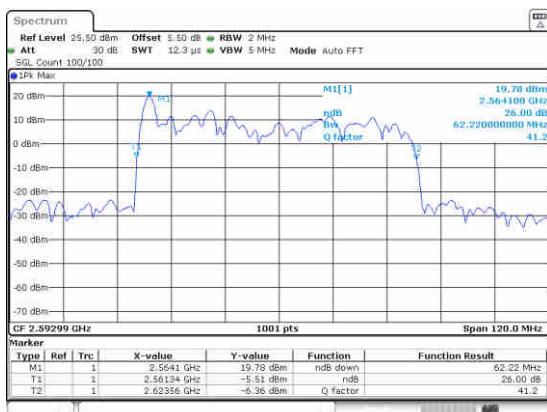
Lowest Channel / 16QAM



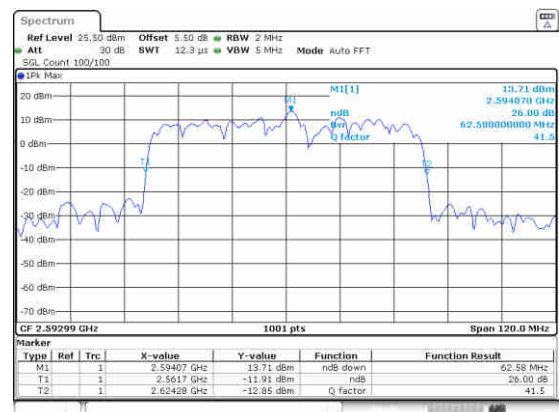
Lowest Channel / 64QAM



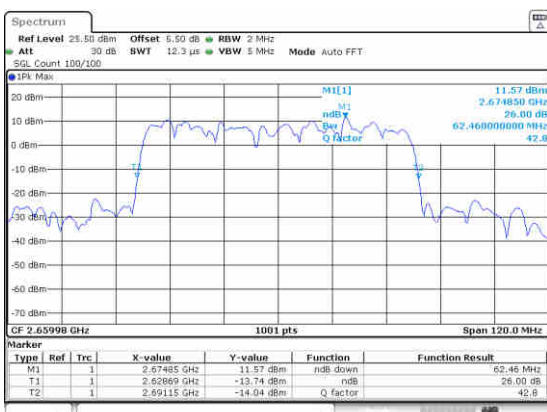
Middle Channel / 16QAM



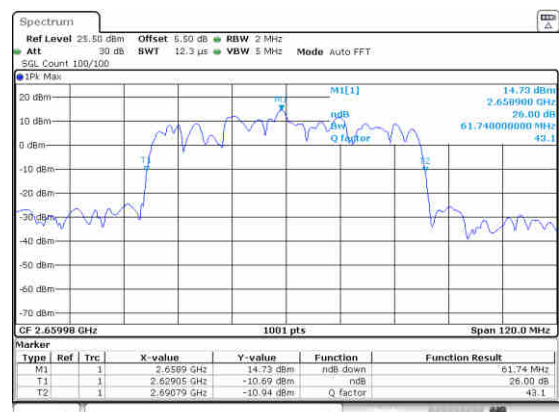
Middle Channel / 64QAM



Highest Channel / 16QAM



Highest Channel / 64QAM

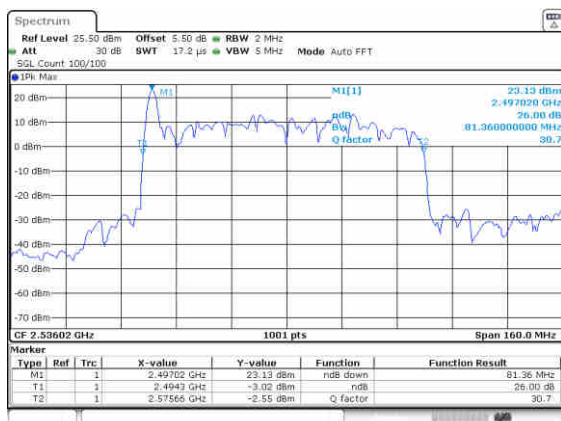




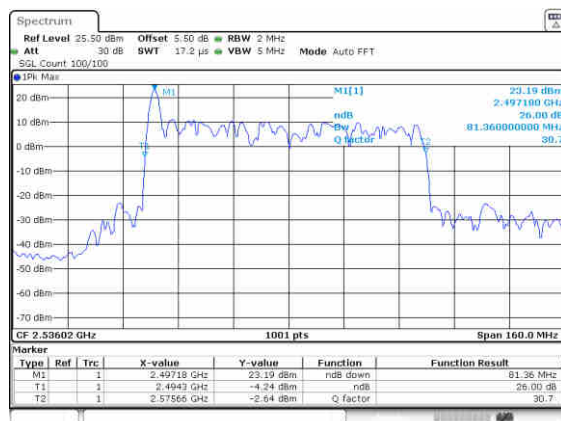
n41

Combination LTE 20MHz + NR 80MHz

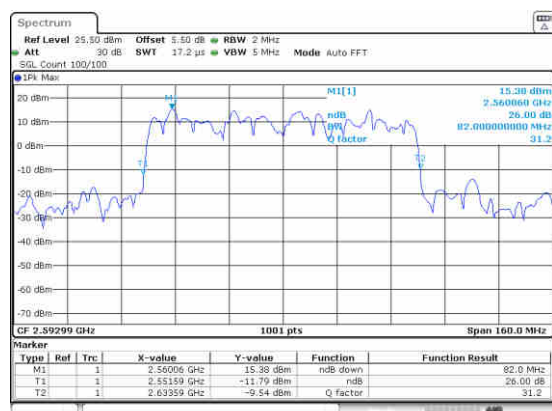
Lowest Channel / BPSK



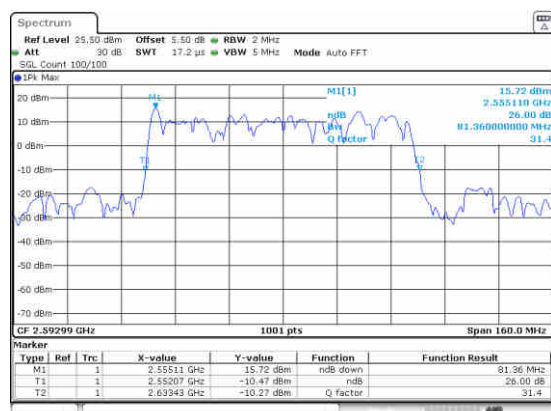
Lowest Channel / QPSK



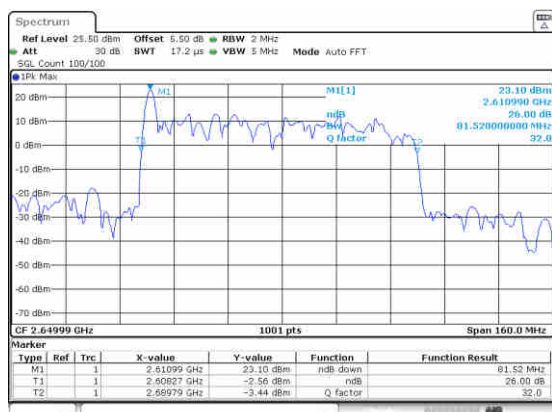
Middle Channel / BPSK



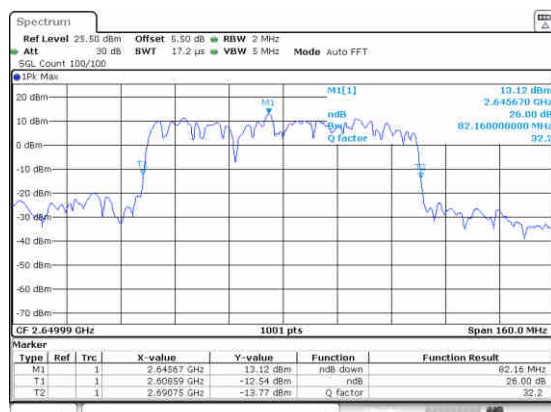
Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK

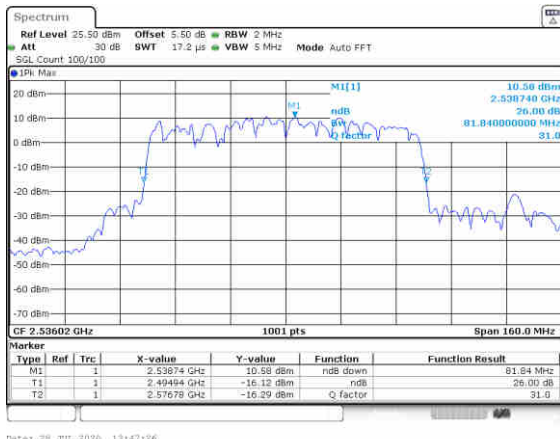




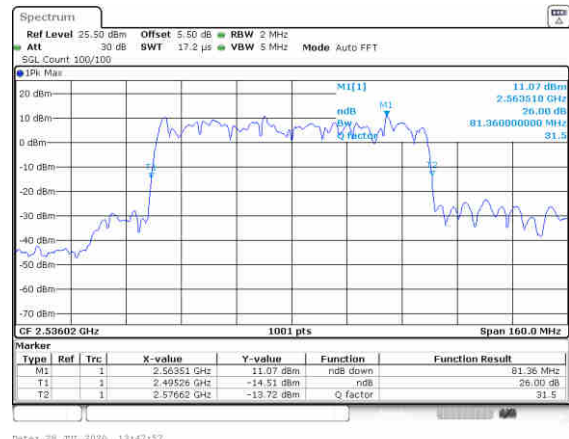
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Combination LTE 20MHz + NR 80MHz

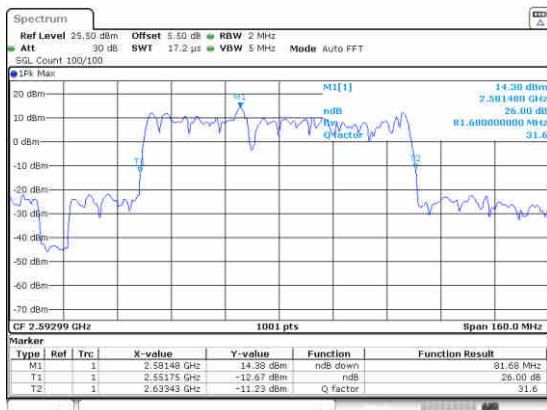
Lowest Channel / 16QAM



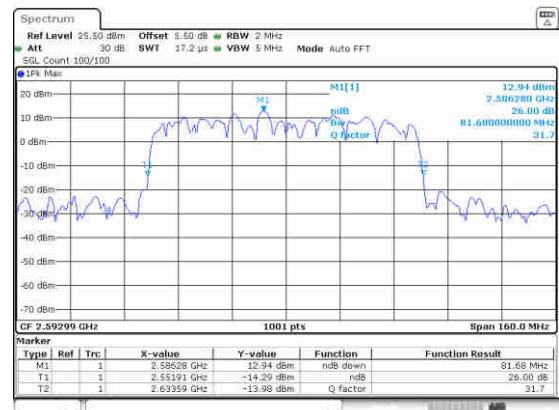
Lowest Channel / 64QAM



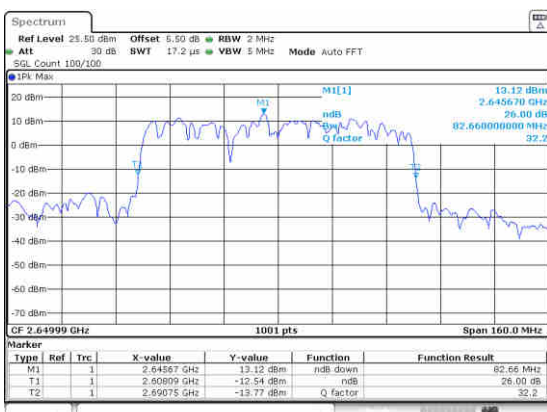
Middle Channel / 16QAM



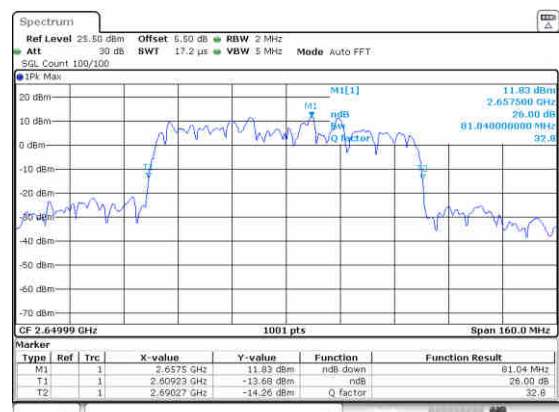
Middle Channel / 64QAM



Highest Channel / 16QAM



Highest Channel / 64QAM

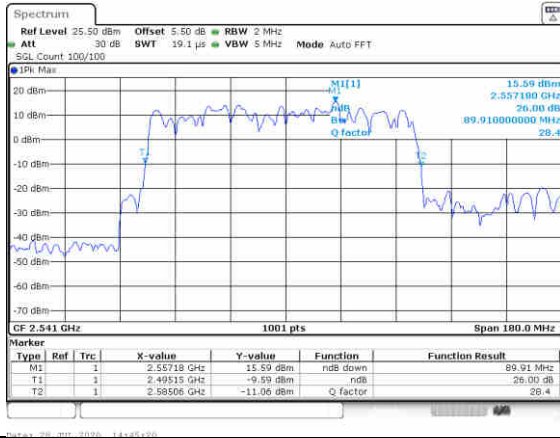




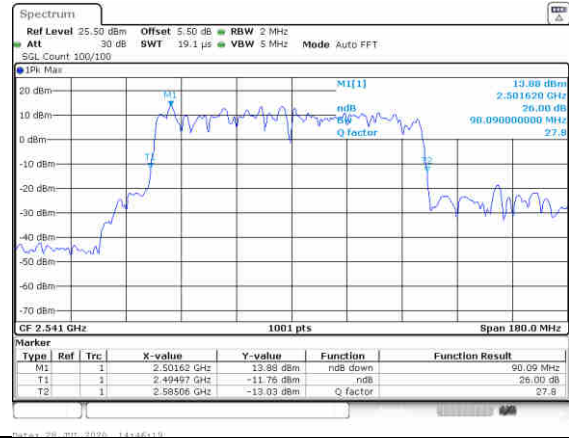
n41

Combination LTE 20MHz + NR 90MHz

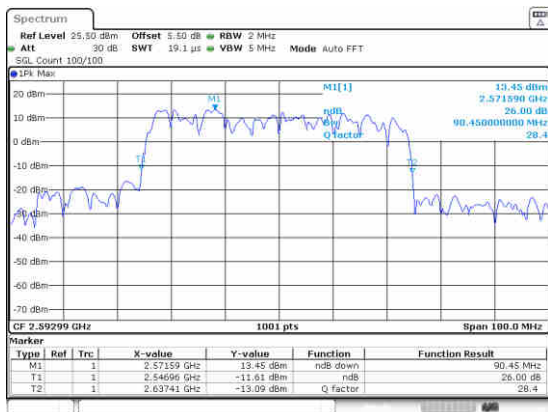
Lowest Channel / BPSK



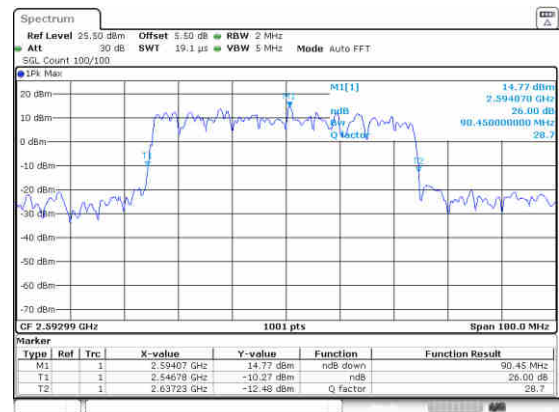
Lowest Channel / QPSK



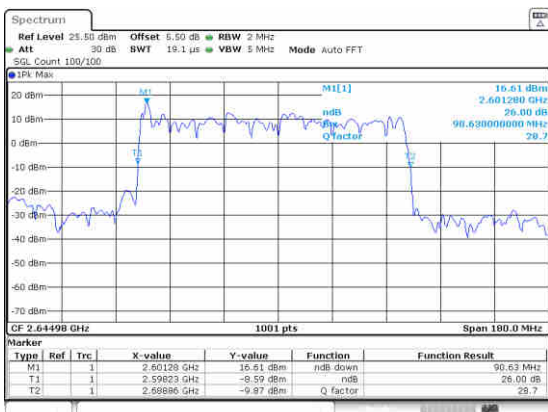
Middle Channel / BPSK



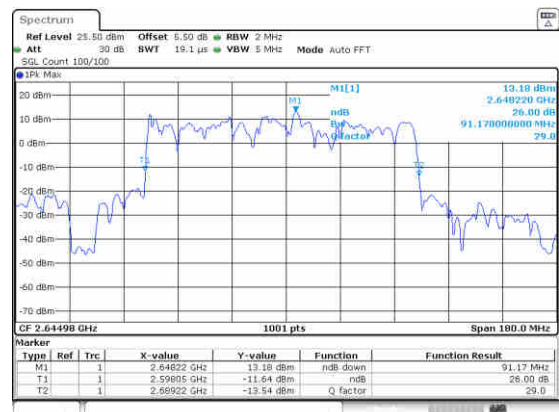
Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK

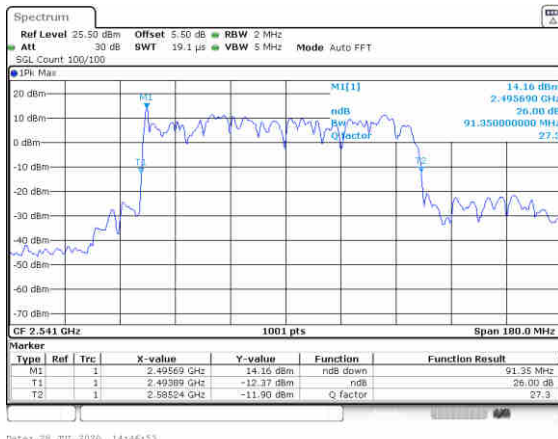




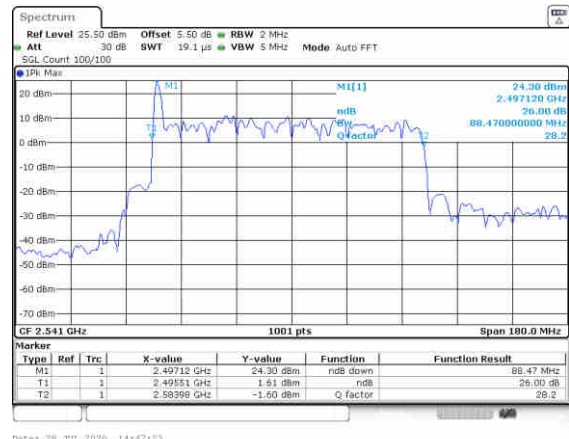
n41

Combination LTE 20MHz + NR 90MHz

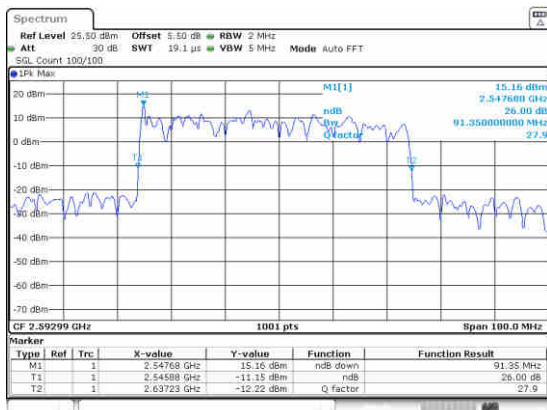
Lowest Channel / 16QAM



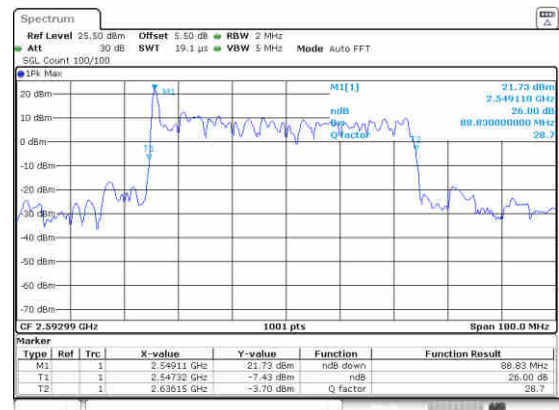
Lowest Channel / 64QAM



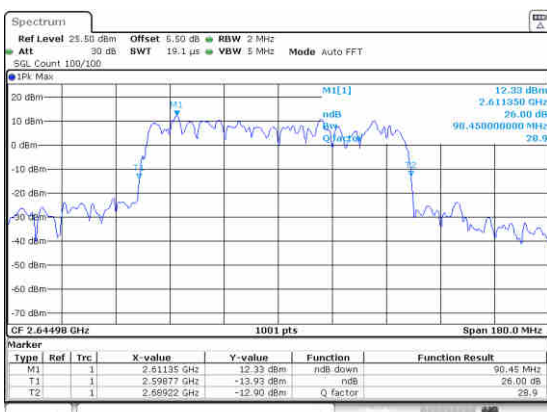
Middle Channel / 16QAM



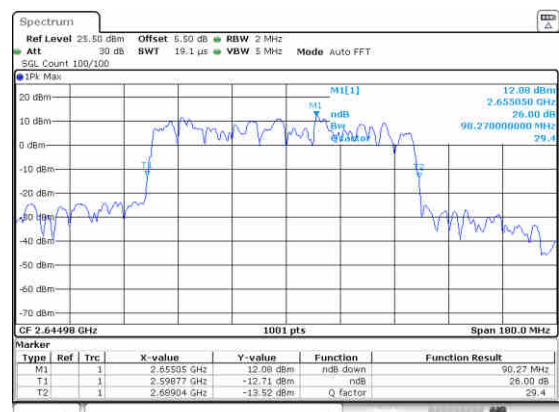
Middle Channel / 64QAM



Highest Channel / 16QAM



Highest Channel / 64QAM

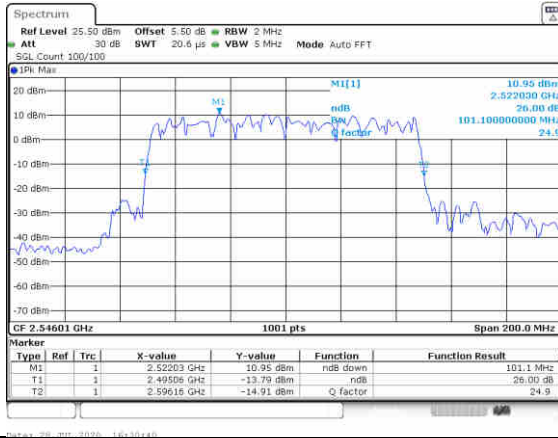




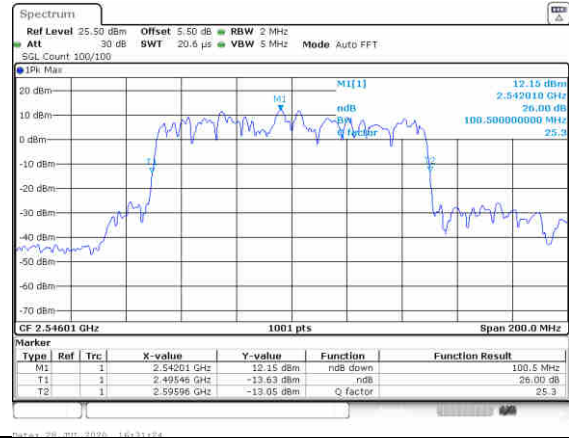
n41

Combination LTE 20MHz + NR 100MHz

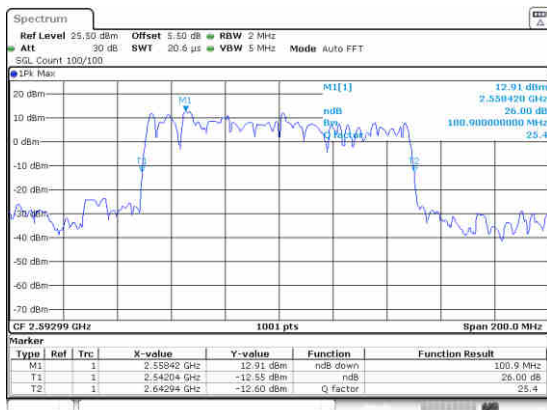
Lowest Channel / BPSK



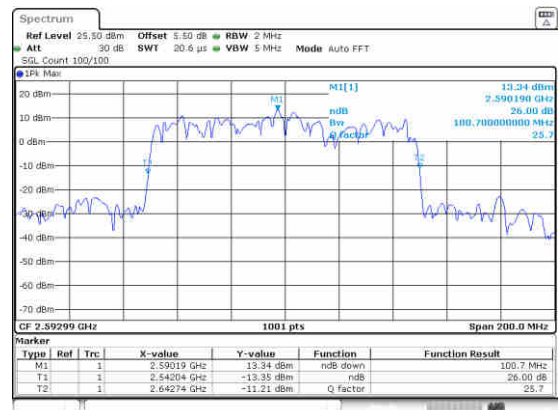
Lowest Channel / QPSK



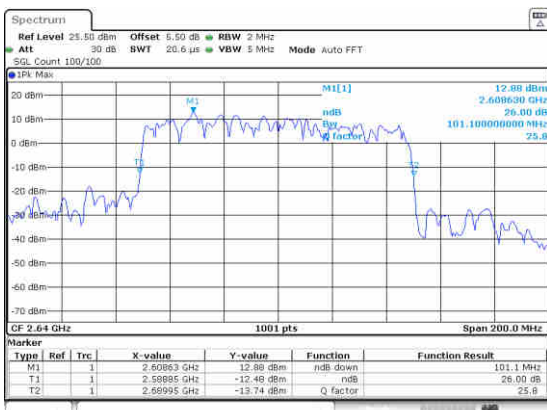
Middle Channel / BPSK



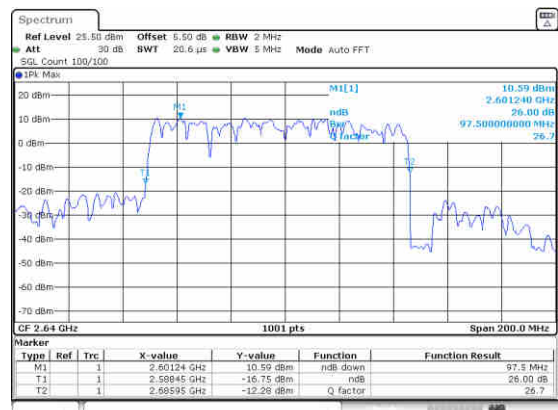
Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK

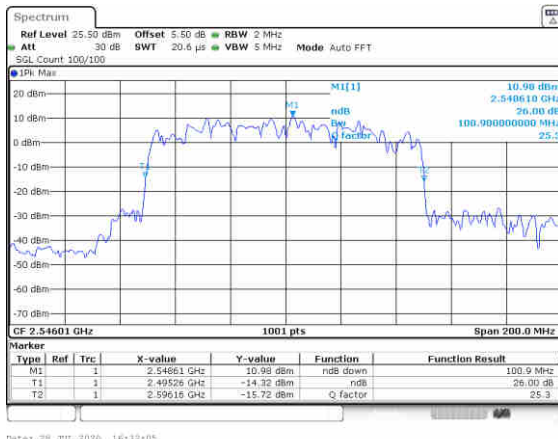




n41

Combination LTE 20MHz + NR 100MHz

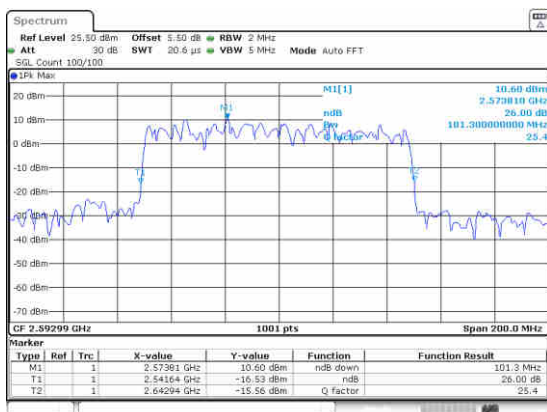
Lowest Channel / 16QAM



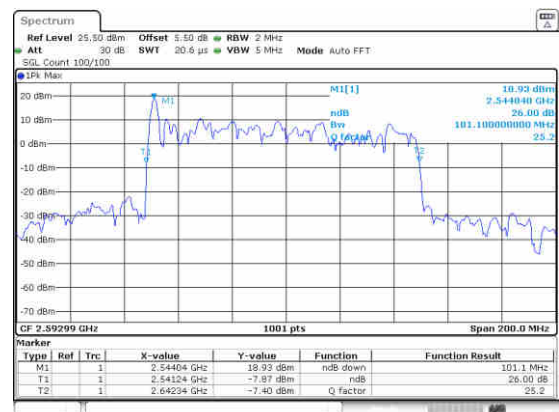
Lowest Channel / 64QAM



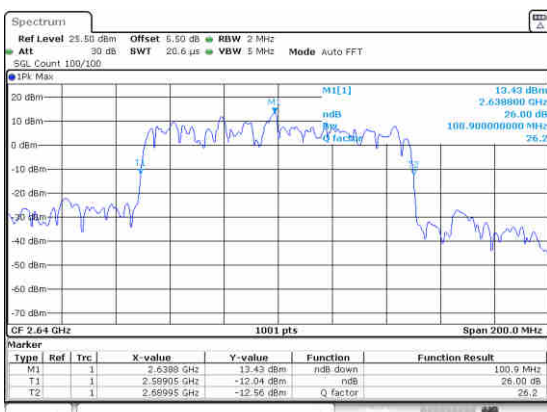
Middle Channel / 16QAM



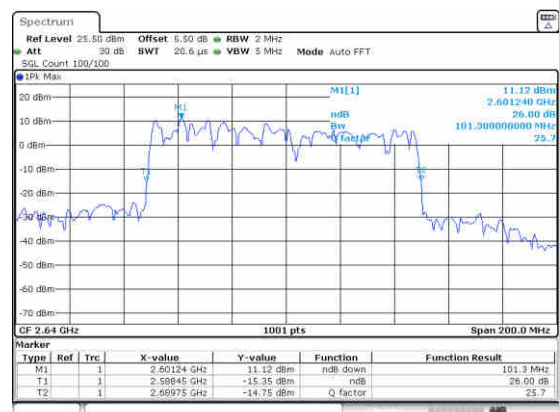
Middle Channel / 64QAM



Highest Channel / 16QAM



Highest Channel / 64QAM





Occupied Bandwidth

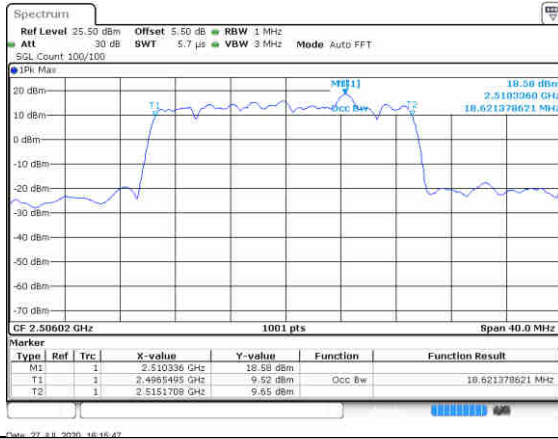
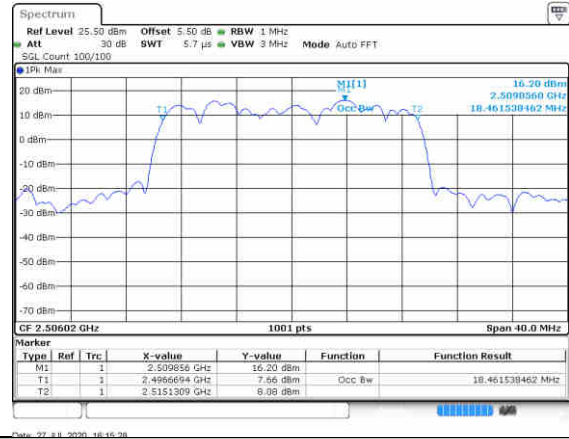
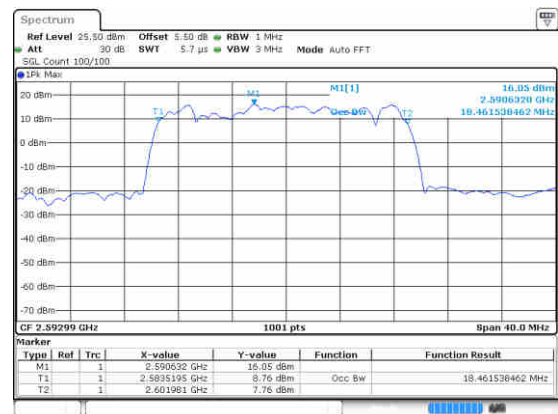
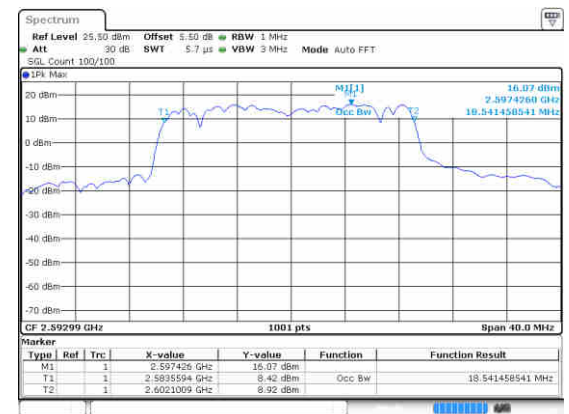
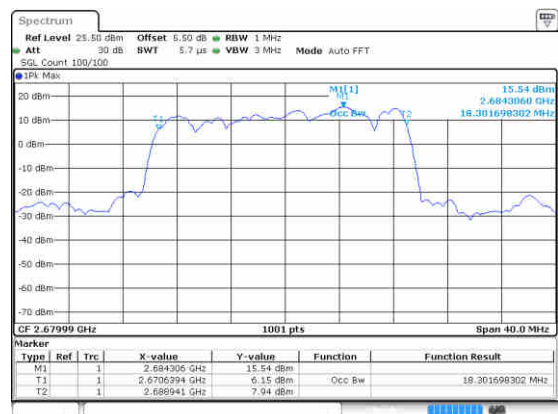
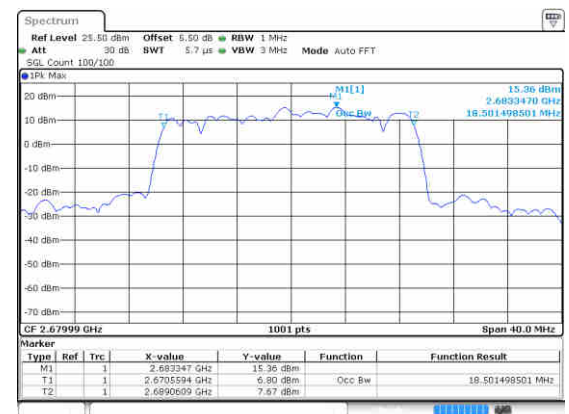
Mode		N 41 : OB BW(MHz)											
LTE BW		20MHz		20MHz		20MHz		20MHz		20MHz		20MHz	
NR BW		20MHz		40MHz		50MHz		60MHz		80MHz		90MHz	
Mod.		BPSK	QPSK	BPSK	QPSK	BPSK	QPSK	BPSK	QPSK	BPSK	QPSK	BPSK	QPSK
Lowest CH	LTE	17.82	17.82	17.82	17.82	17.82	17.82	17.82	17.82	17.82	17.82	17.82	17.82
	NR	18.62	18.46	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.

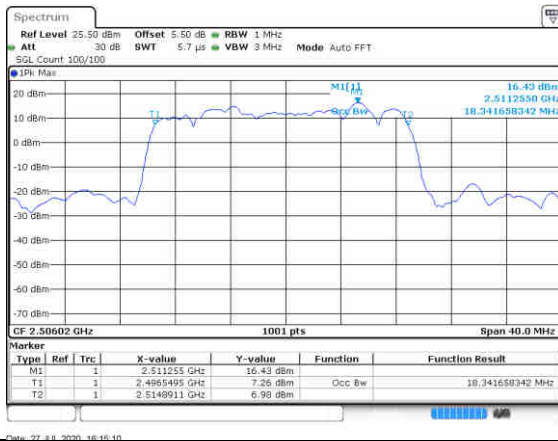
n41
Combination LTE 20MHz + NR 20MHz
Lowest Channel / BPSK

Lowest Channel / QPSK

Middle Channel / BPSK

Middle Channel / QPSK

Highest Channel / BPSK

Highest Channel / QPSK




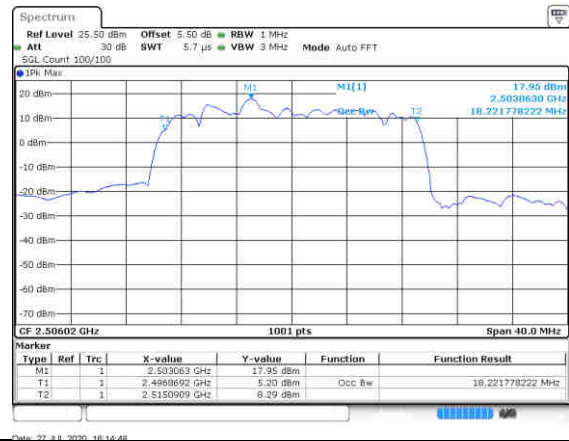
n41

Combination LTE 20MHz + NR 20MHz

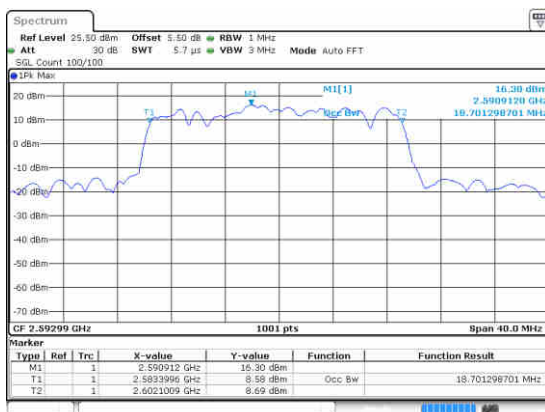
Lowest Channel / 16QAM



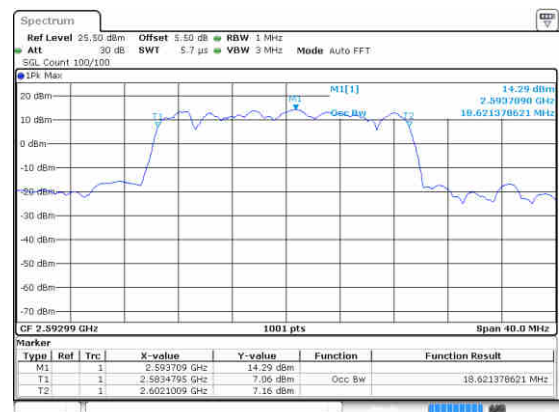
Lowest Channel / 64QAM



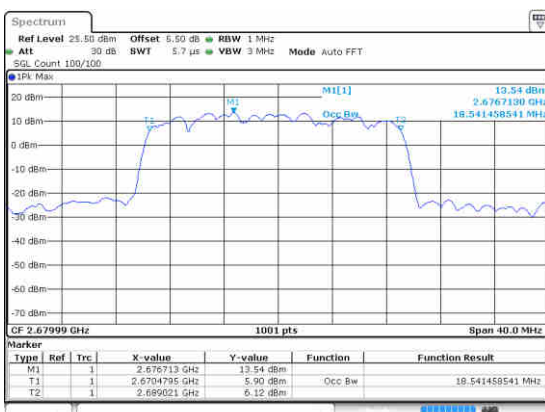
Middle Channel / 16QAM



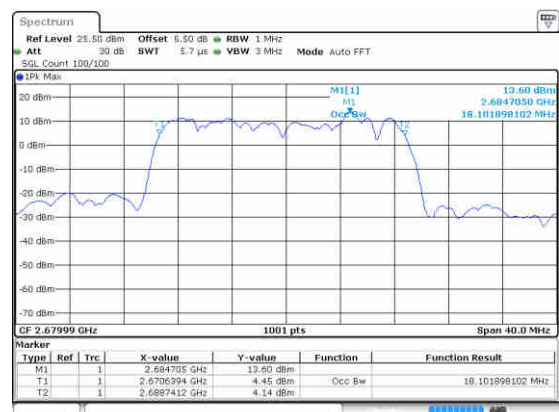
Middle Channel / 64QAM



Highest Channel / 16QAM



Highest Channel / 64QAM

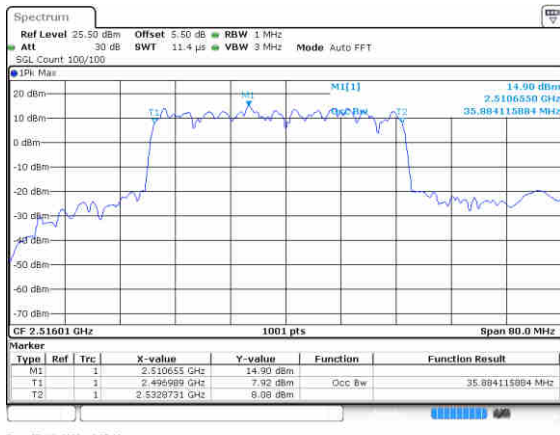




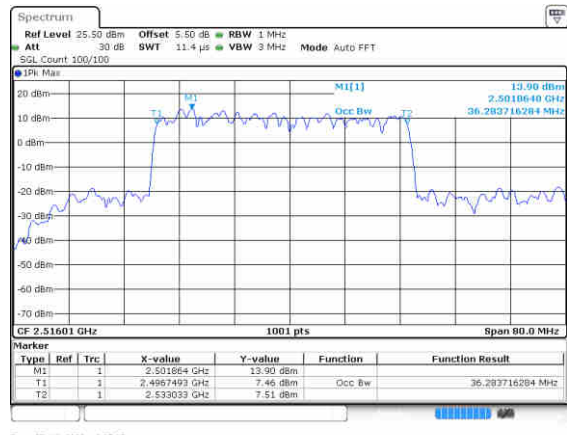
n41

Combination LTE 20MHz + NR 40MHz

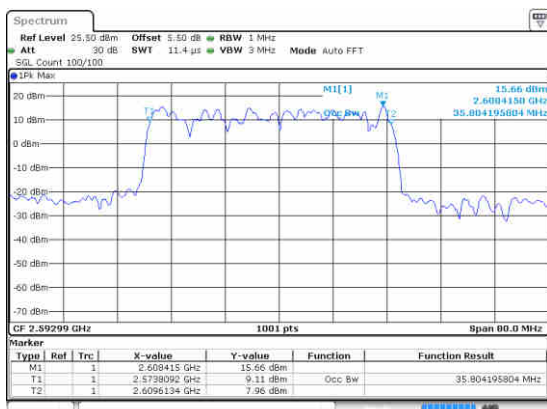
Lowest Channel / BPSK



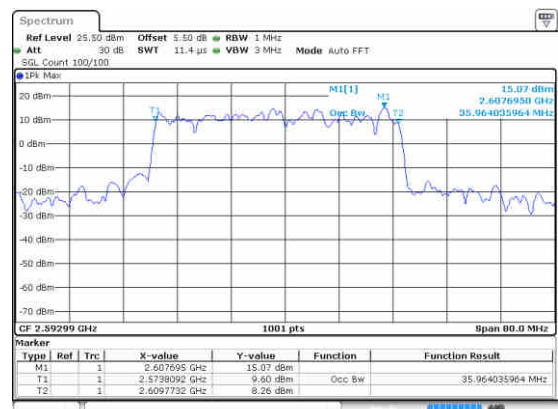
Lowest Channel / QPSK



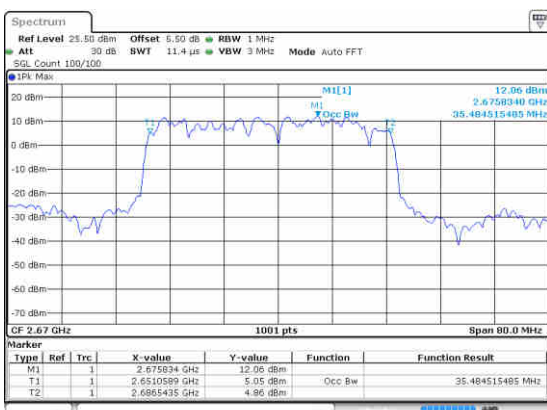
Middle Channel / BPSK



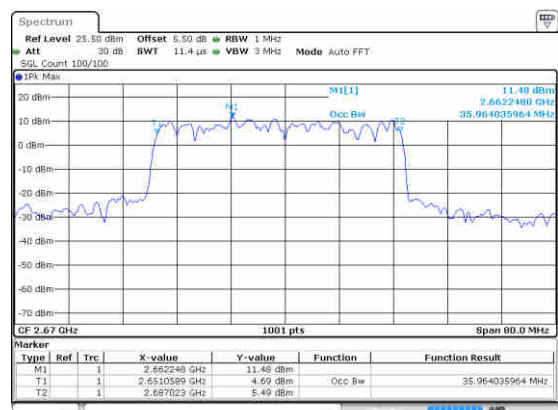
Middle Channel / QPSK



Highest Channel / BPSK

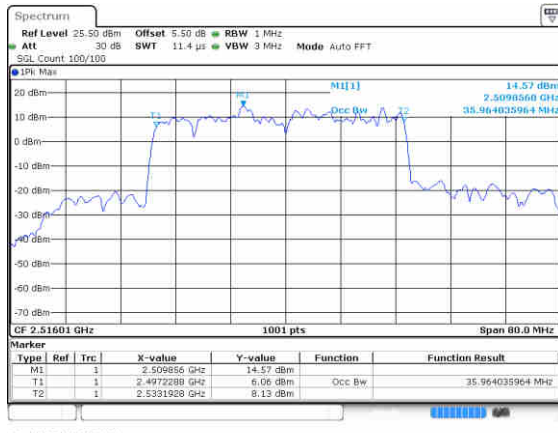


Highest Channel / QPSK

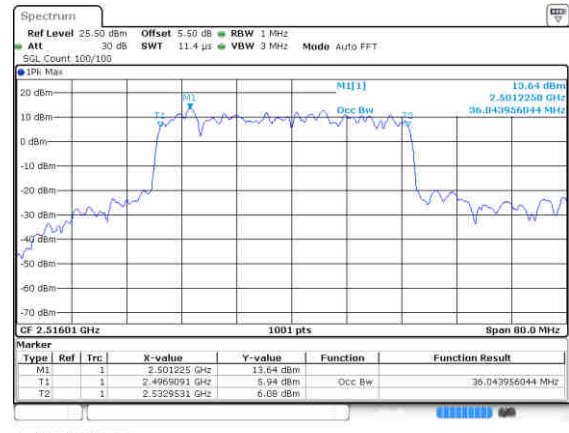




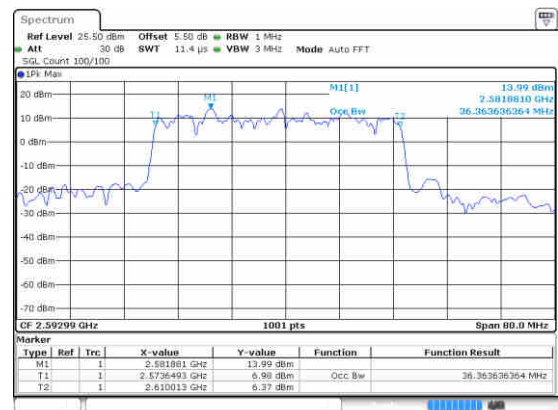
Lowest Channel / 16QAM



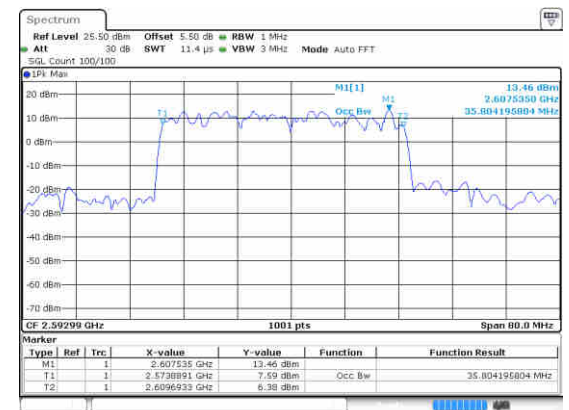
Lowest Channel / 64QAM



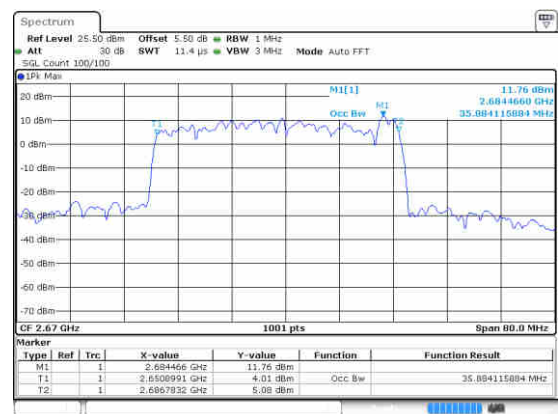
Middle Channel / 16QAM



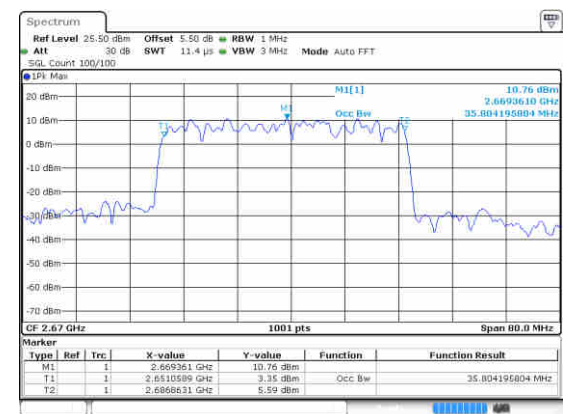
Middle Channel / 64QAM



Highest Channel / 16QAM



Highest Channel / 64QAM

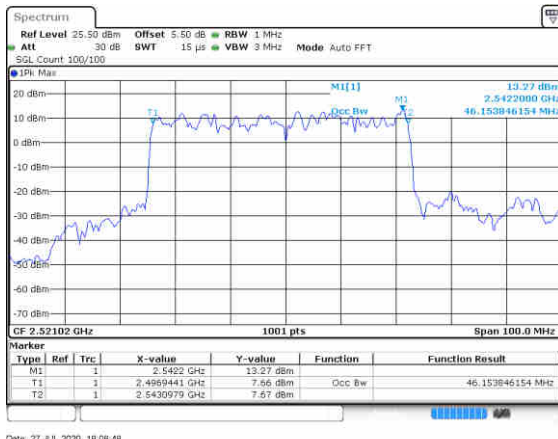




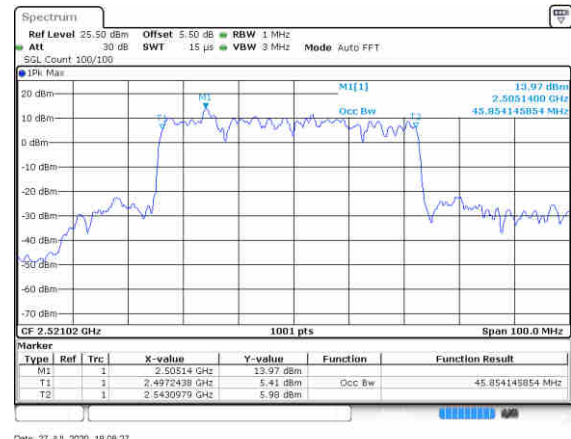
n41

Combination LTE 20MHz + NR 50MHz

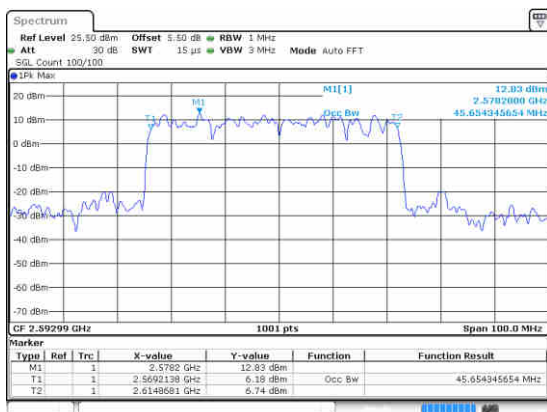
Lowest Channel / BPSK



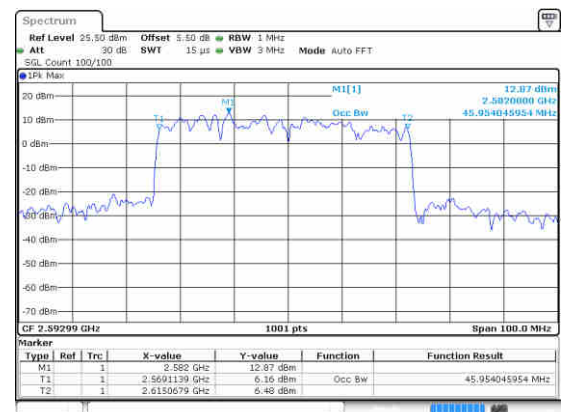
Lowest Channel / QPSK



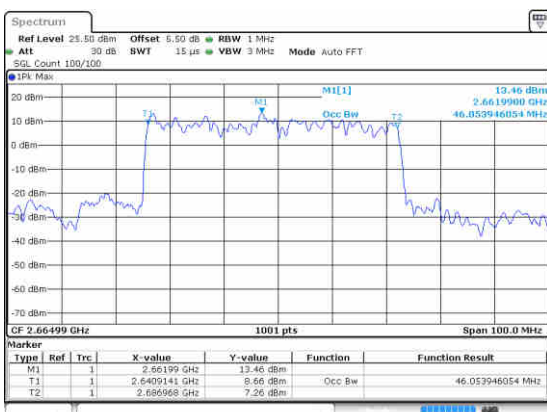
Middle Channel / BPSK



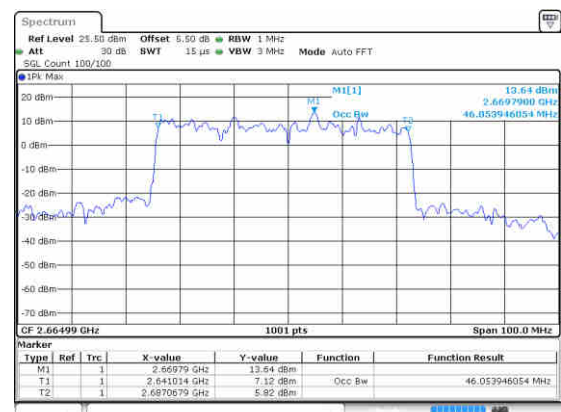
Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK

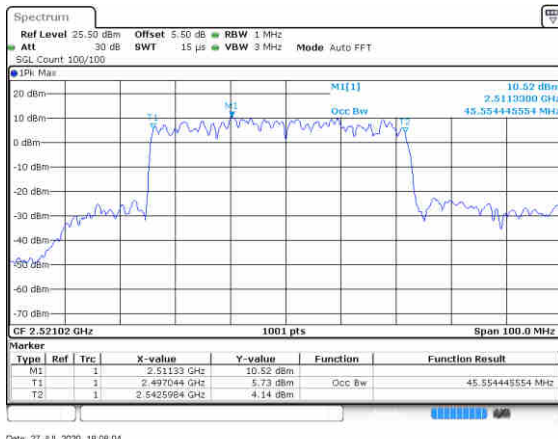




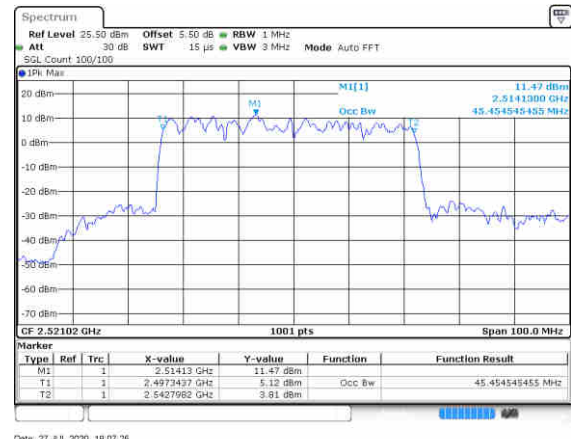
n41

Combination LTE 20MHz + NR 50MHz

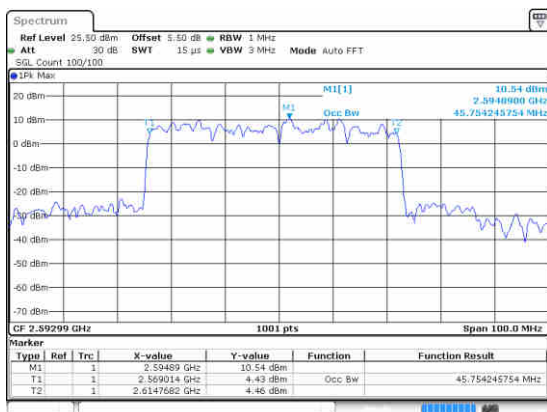
Lowest Channel / 16QAM



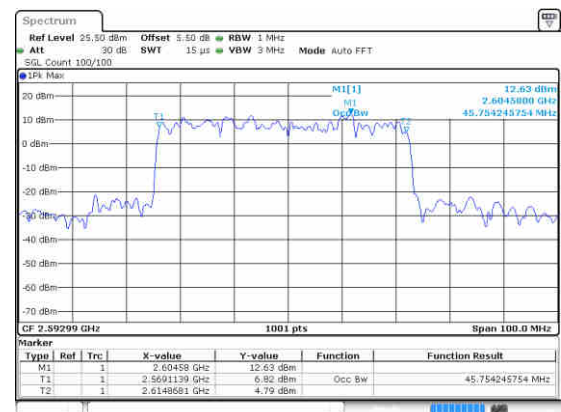
Lowest Channel / 64QAM



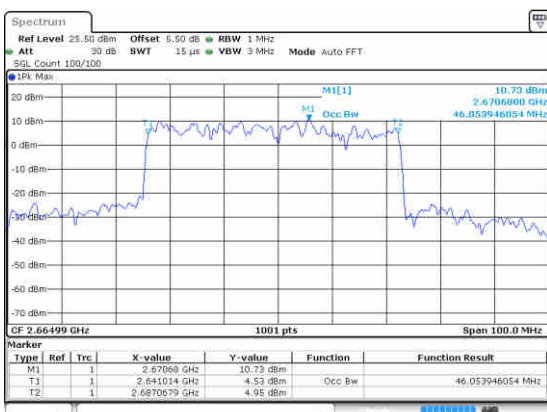
Middle Channel / 16QAM



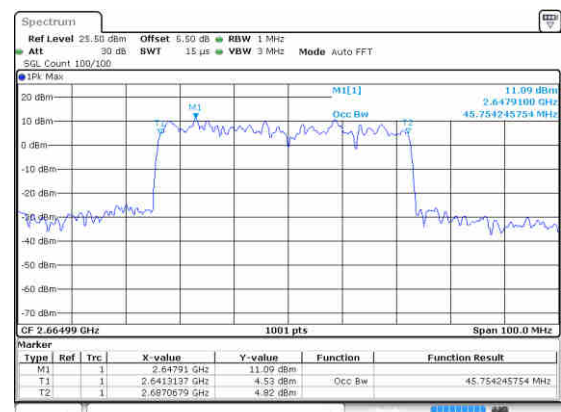
Middle Channel / 64QAM



Highest Channel / 16QAM



Highest Channel / 64QAM

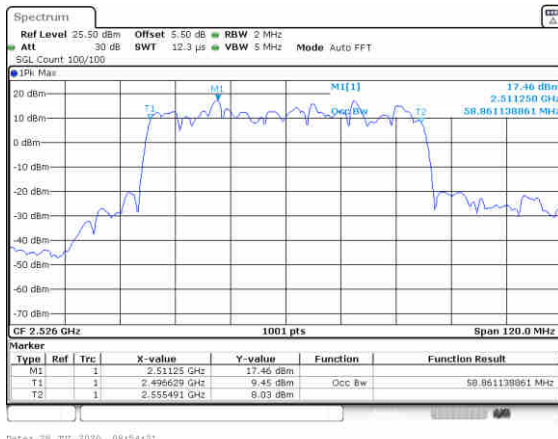




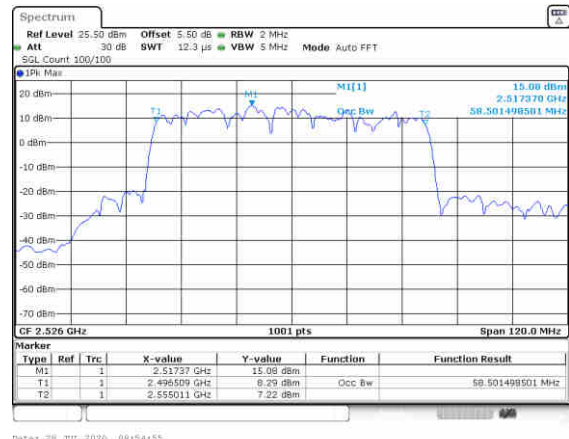
n41

Combination LTE 20MHz + NR 60MHz

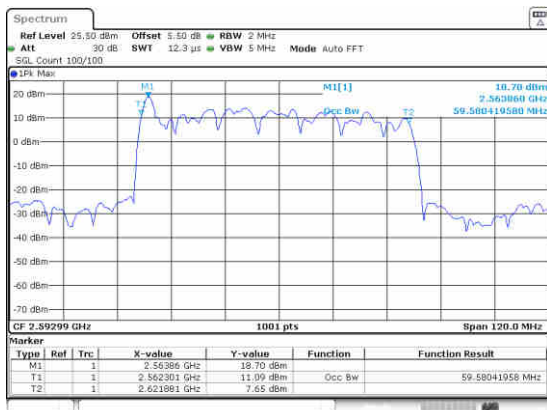
Lowest Channel / BPSK



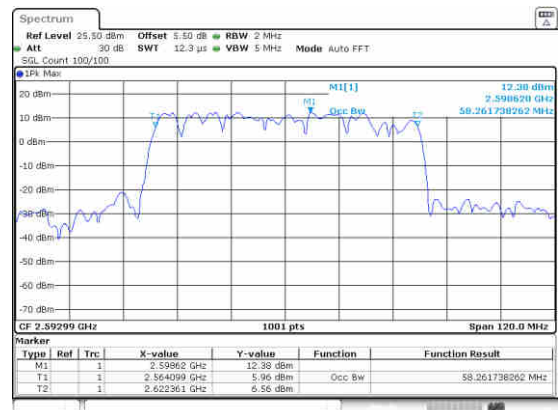
Lowest Channel / QPSK



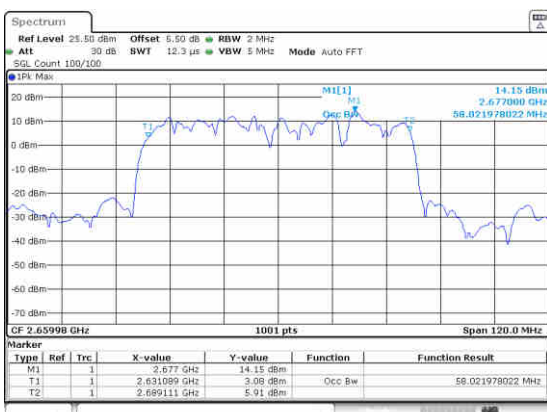
Middle Channel / BPSK



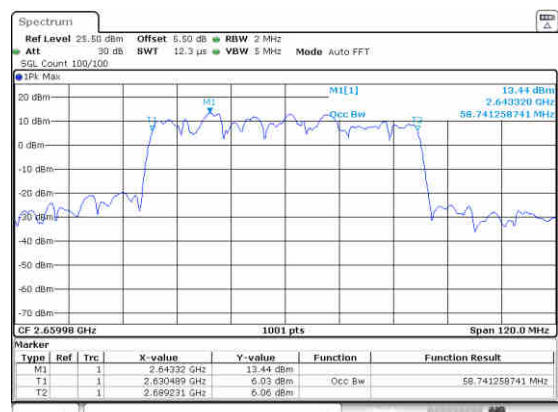
Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK

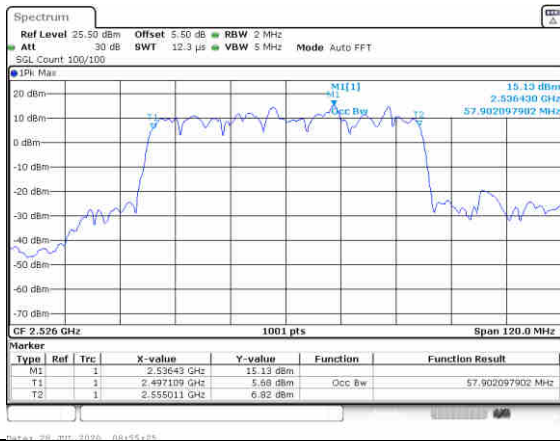




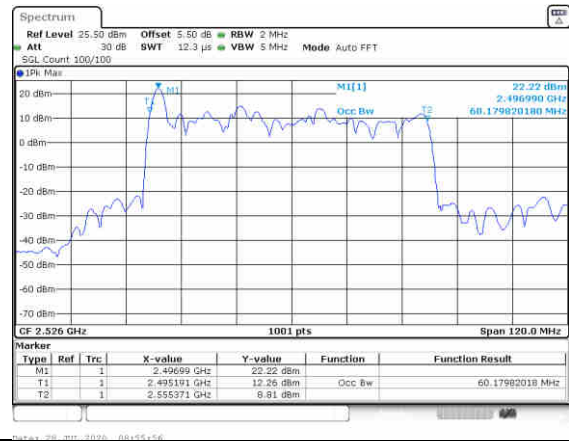
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Combination LTE 20MHz + NR 60MHz

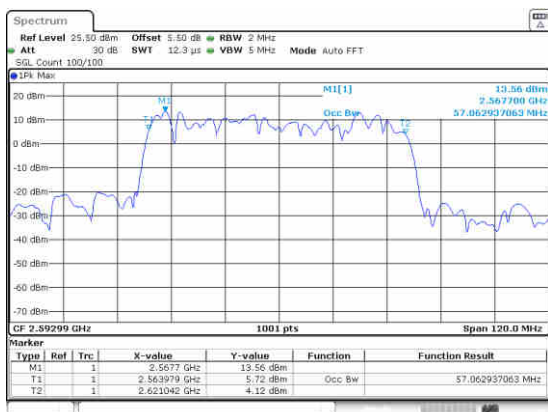
Lowest Channel / 16QAM



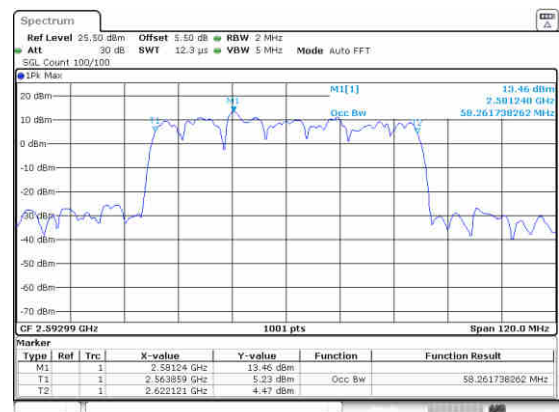
Lowest Channel / 64QAM



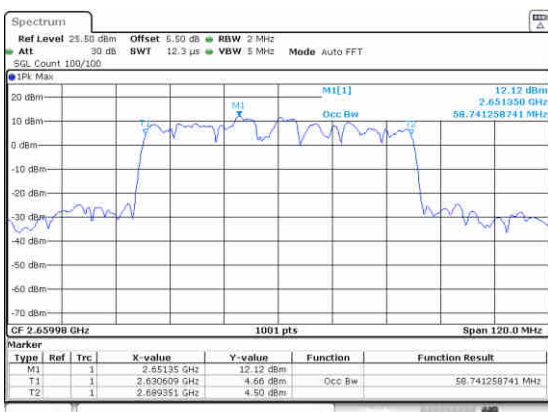
Middle Channel / 16QAM



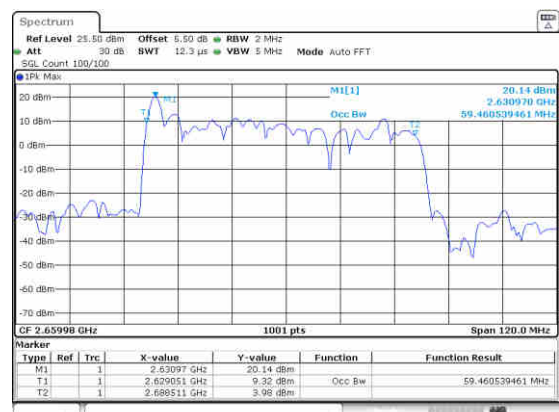
Middle Channel / 64QAM



Highest Channel / 16QAM



Highest Channel / 64QAM

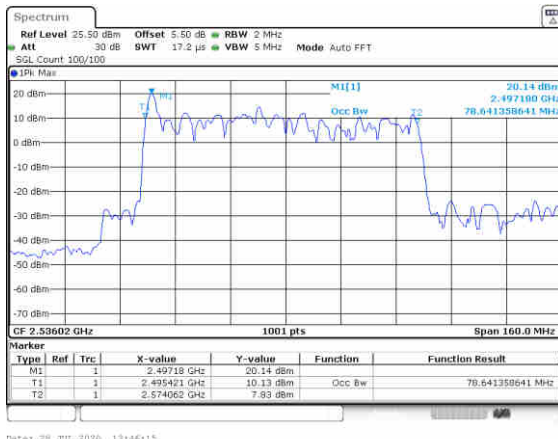




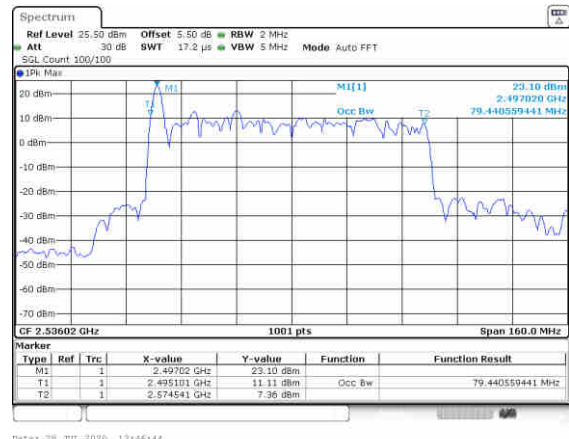
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Combination LTE 20MHz + NR 80MHz

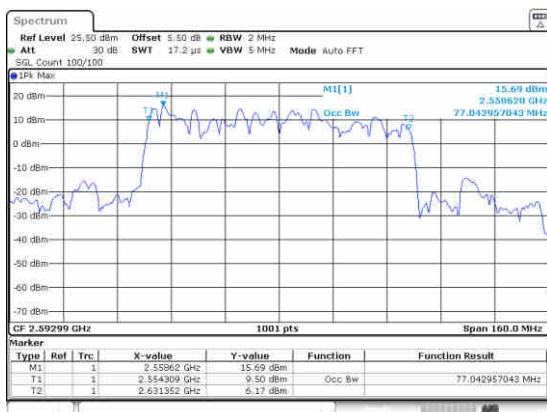
Lowest Channel / BPSK



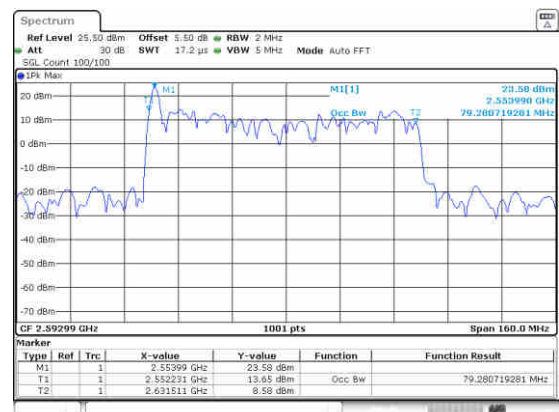
Lowest Channel / QPSK



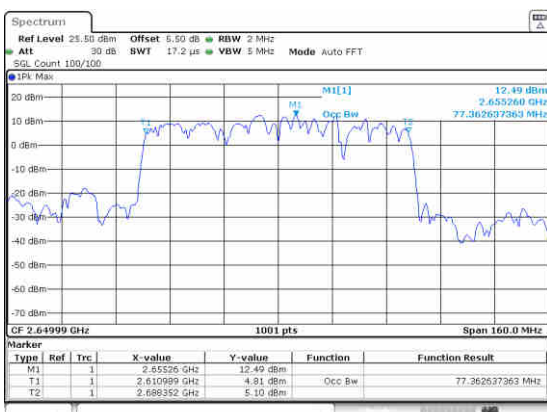
Middle Channel / BPSK



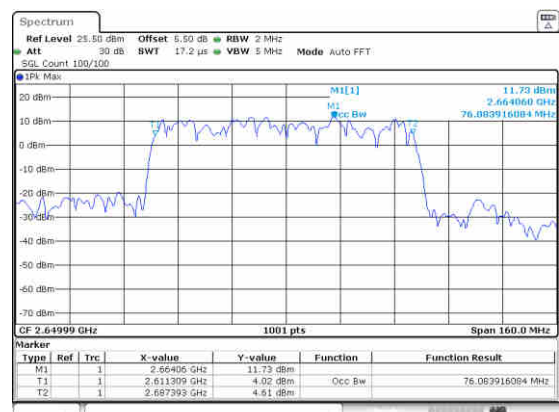
Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK

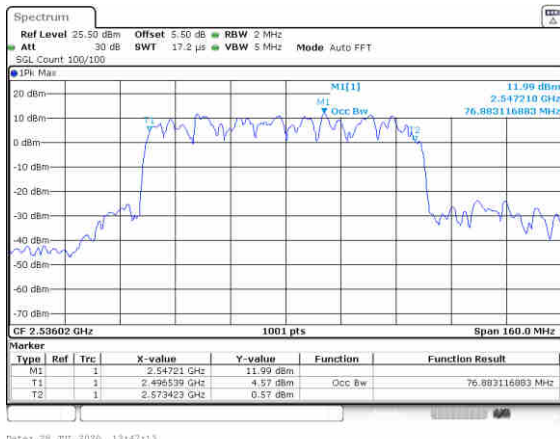




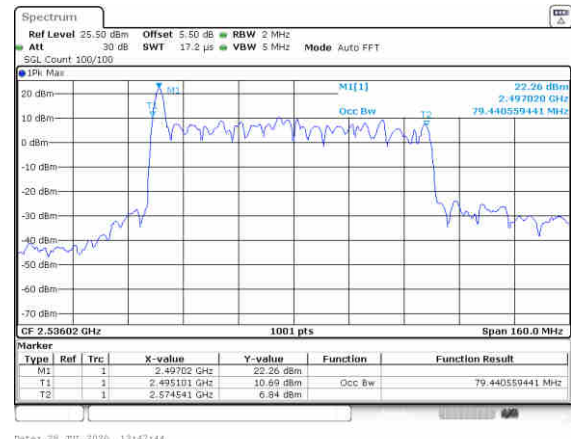
n41

Combination LTE 20MHz + NR 80MHz

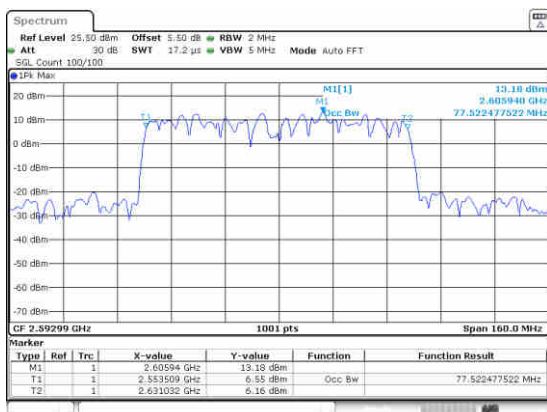
Lowest Channel / 16QAM



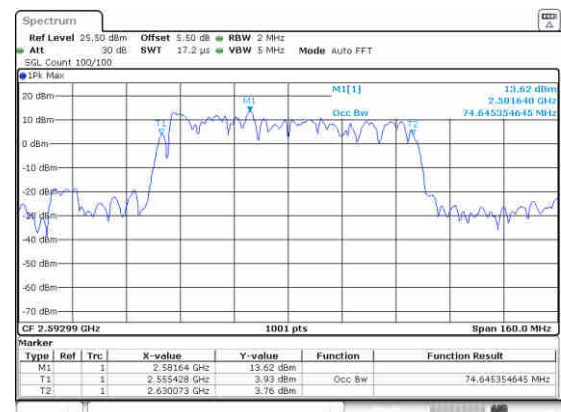
Lowest Channel / 64QAM



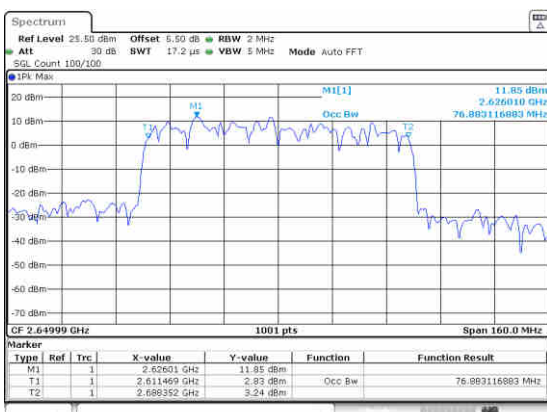
Middle Channel / 16QAM



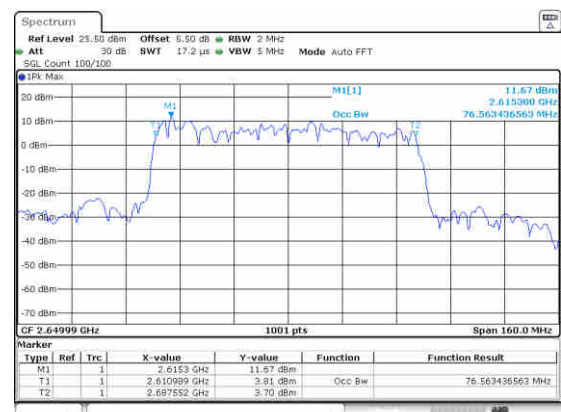
Middle Channel / 64QAM



Highest Channel / 16QAM



Highest Channel / 64QAM

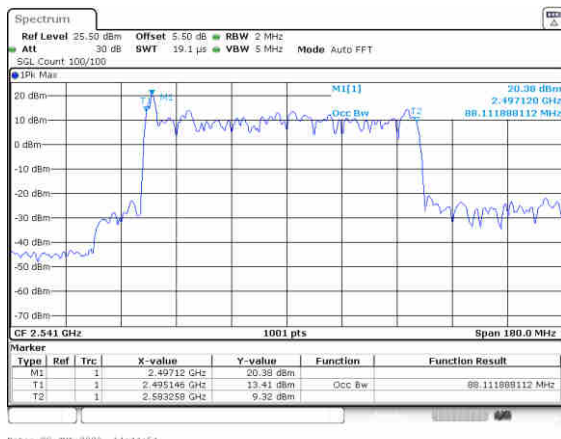




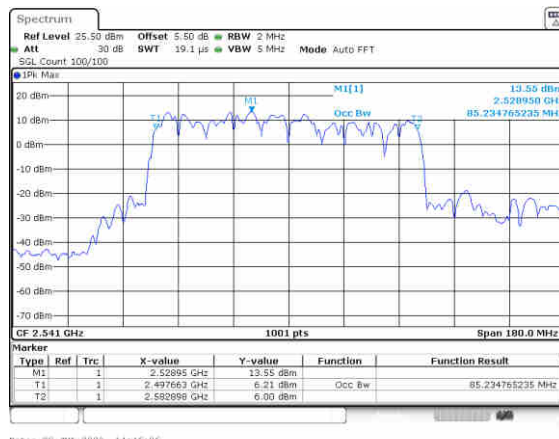
n41

Combination LTE 20MHz + NR 90MHz

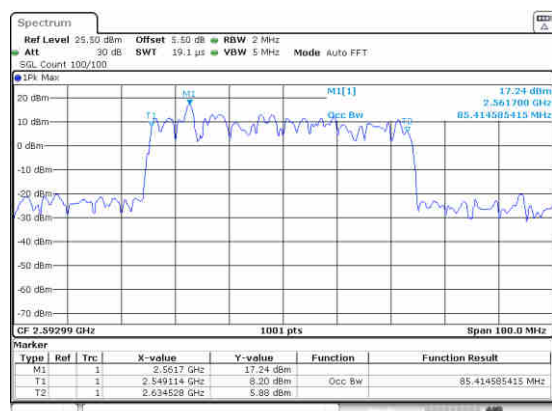
Lowest Channel / BPSK



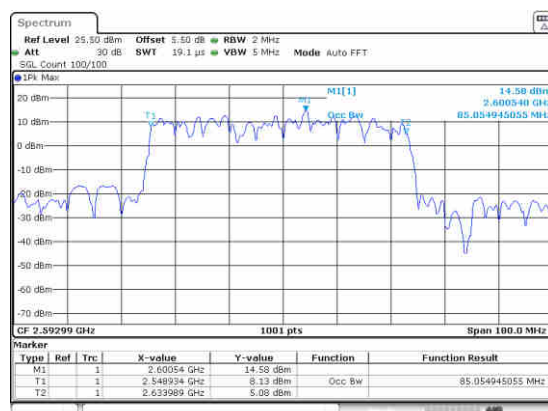
Lowest Channel / QPSK



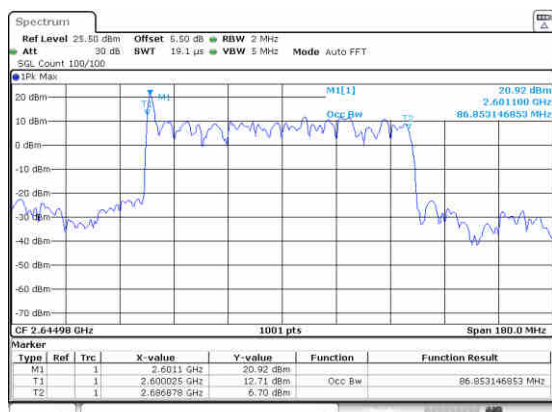
Middle Channel / BPSK



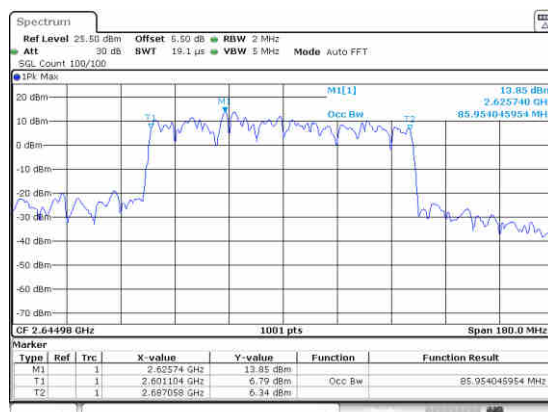
Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK

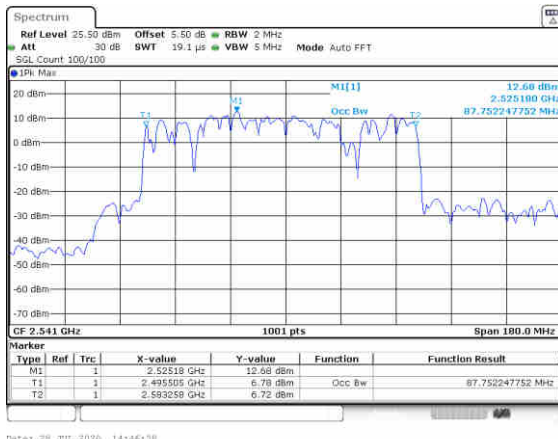




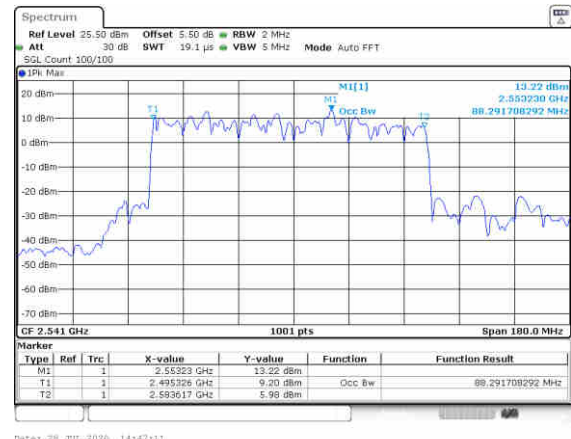
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Combination LTE 20MHz + NR 90MHz

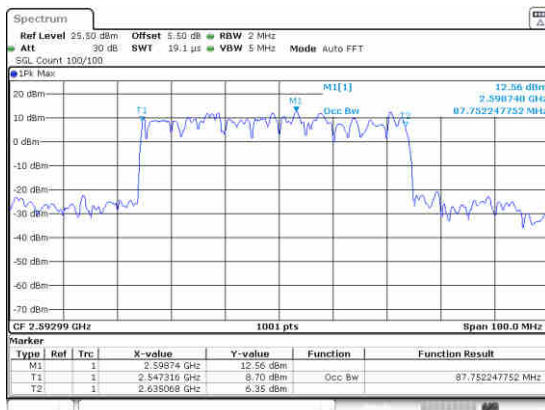
Lowest Channel / 16QAM



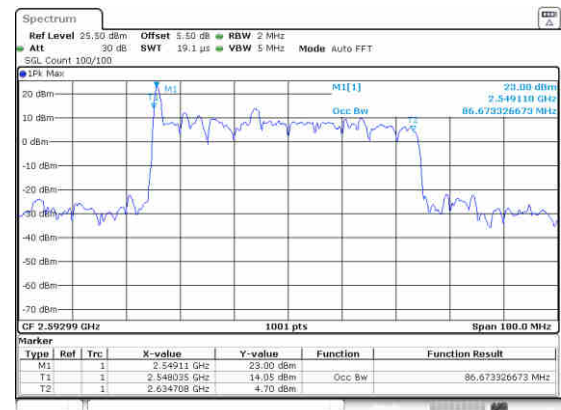
Lowest Channel / 64QAM



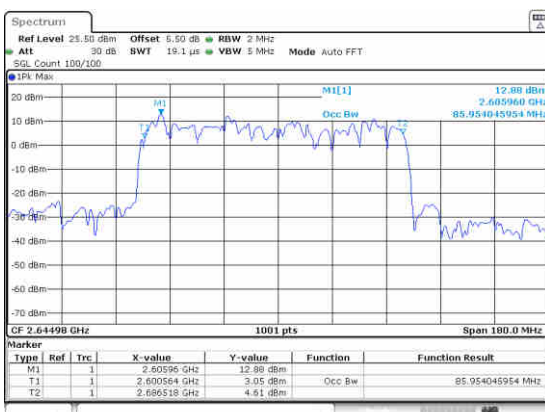
Middle Channel / 16QAM



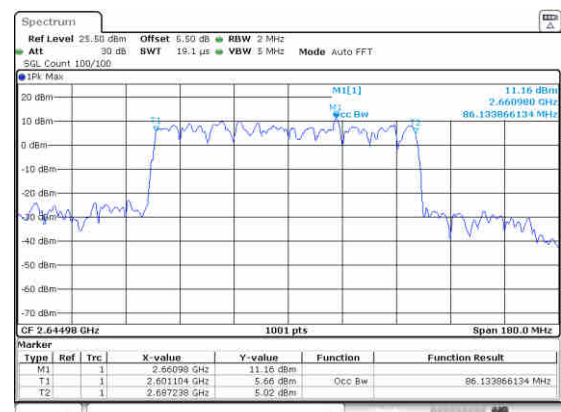
Middle Channel / 64QAM



Highest Channel / 16QAM



Highest Channel / 64QAM

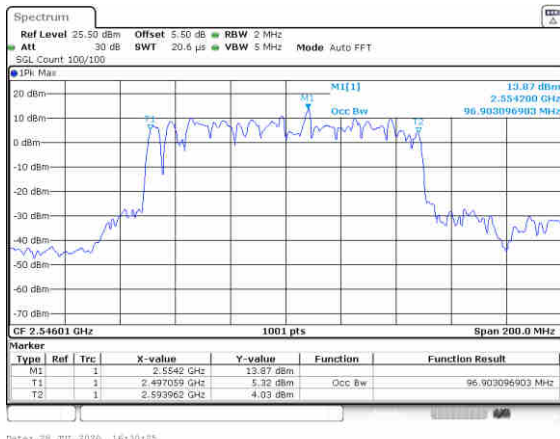




n41

Combination LTE 20MHz + NR 100MHz

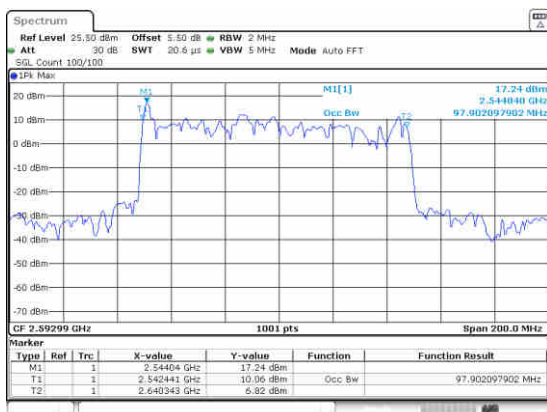
Lowest Channel / BPSK



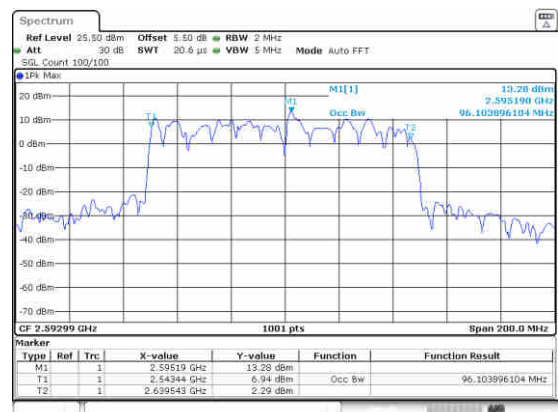
Lowest Channel / QPSK



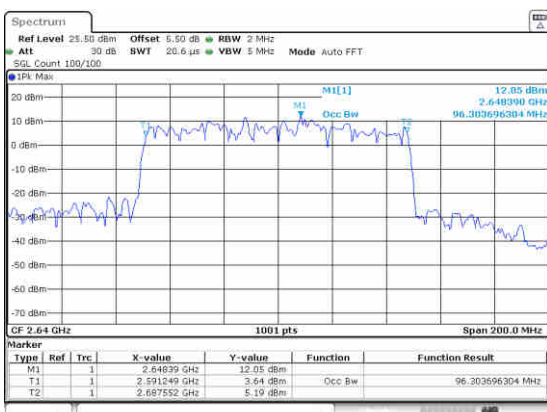
Middle Channel / BPSK



Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK

