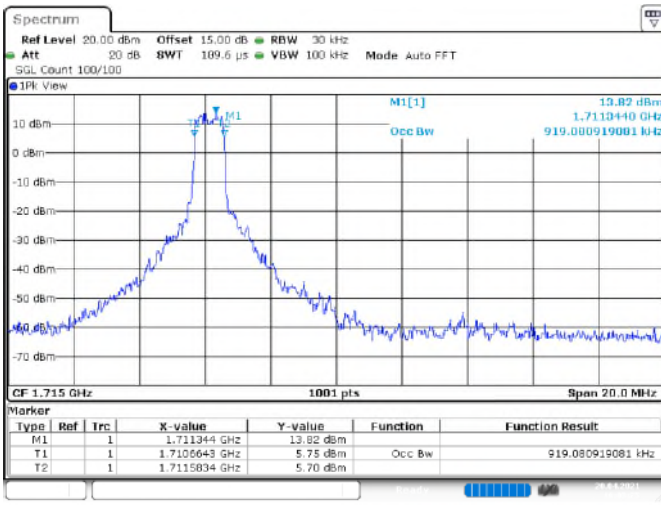


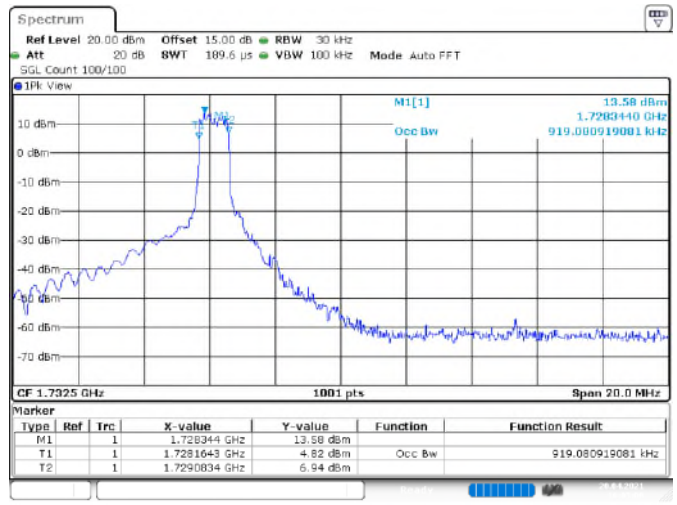
16QAM

Channel_20000



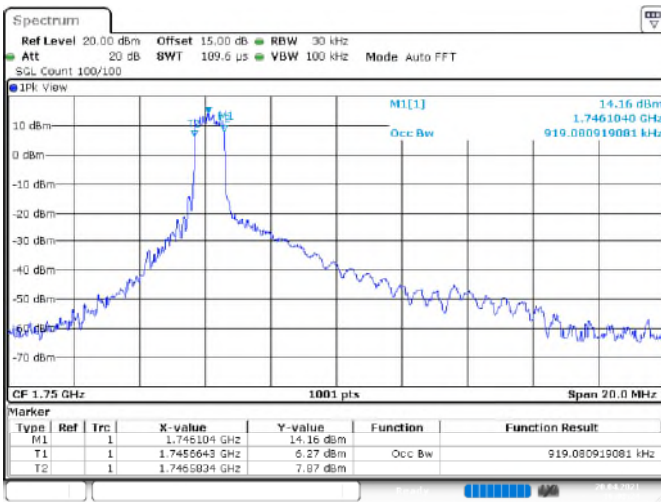
Date: 20.APR.2021 16:05:25

Channel_20175



Date: 20.APR.2021 16:05:01

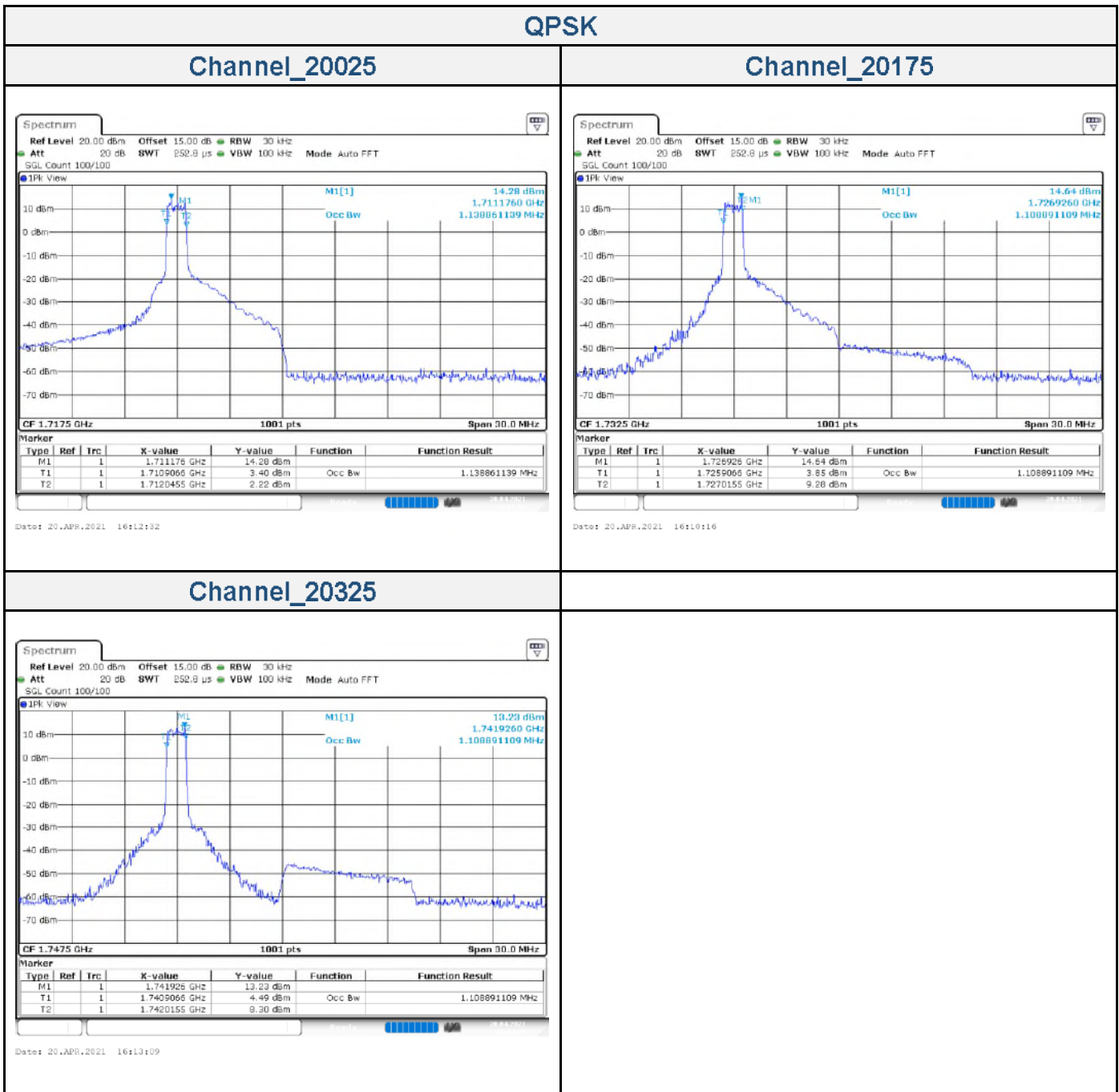
Channel_20350



Date: 20.APR.2021 16:08:25

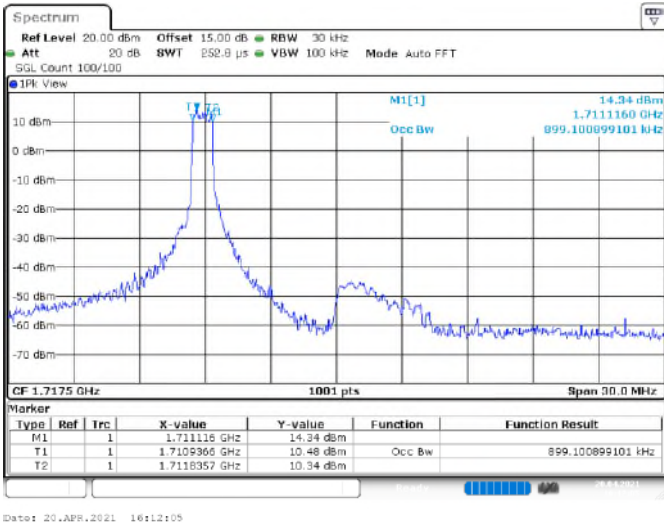
LTE Band 4 _ Channel Bandwidth: 15 MHz

Channel	Frequency (MHz)	99 % Occupied Bandwidth (MHz)	
		QPSK	16QAM
20025	1717.5	1.14	0.90
20175	1732.5	1.11	0.93
20325	1747.5	1.11	0.90



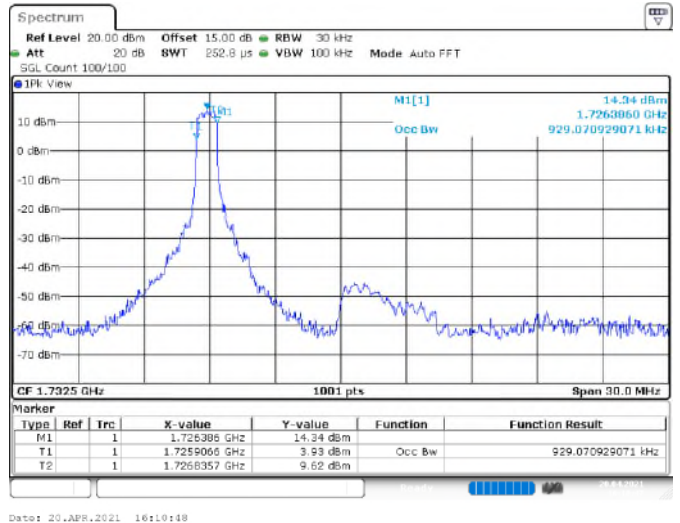
16QAM

Channel_20025



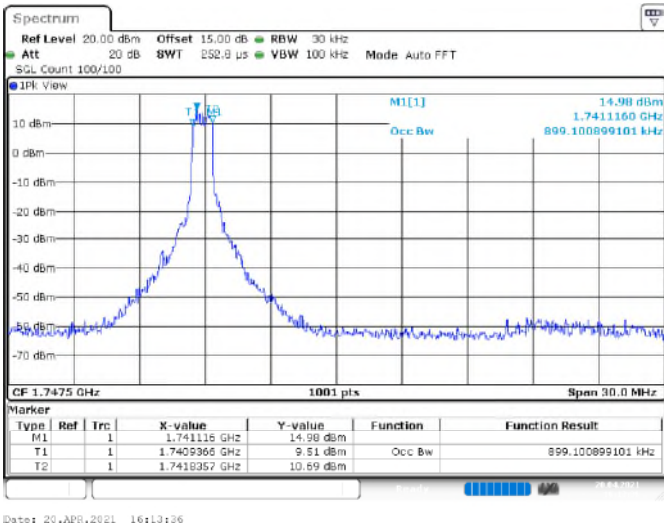
Date: 20.APR.2021 16:12:05

Channel_20175



Date: 20.APR.2021 16:10:48

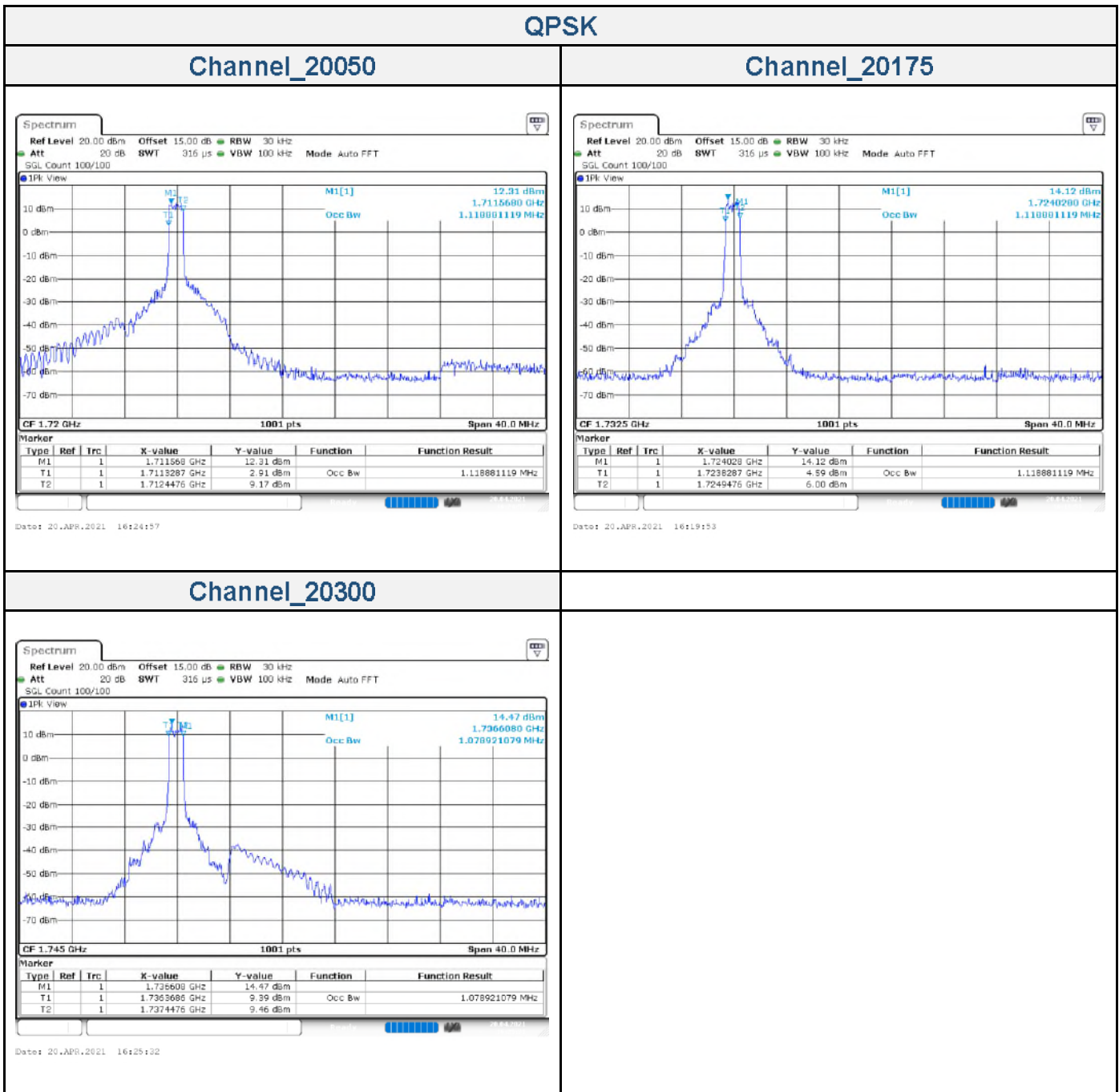
Channel_20325



Date: 20.APR.2021 16:13:26

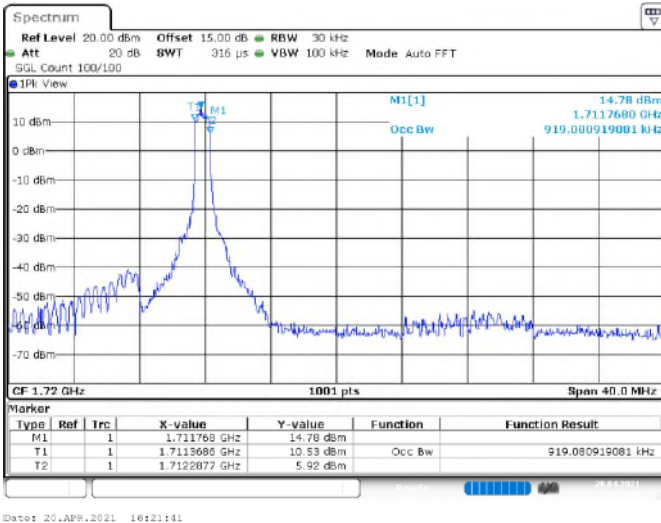
LTE Band 4 _ Channel Bandwidth: 20 MHz

Channel	Frequency (MHz)	99 % Occupied Bandwidth (MHz)	
		QPSK	16QAM
20050	1720.0	1.12	0.92
20175	1732.5	1.12	0.96
20300	1745.0	1.08	0.96

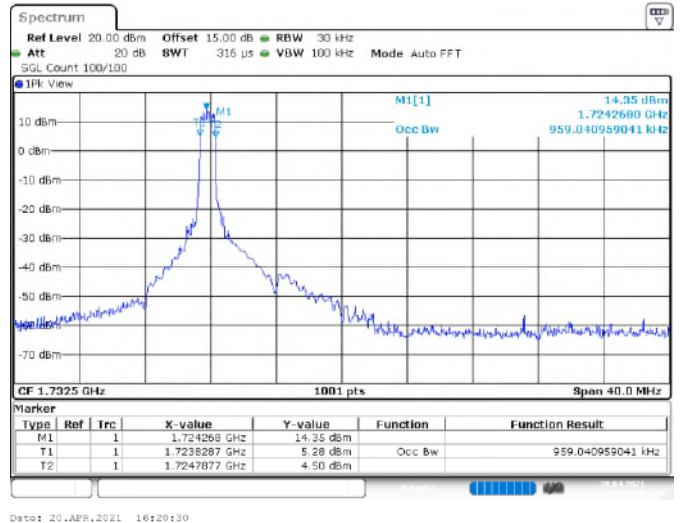


16QAM

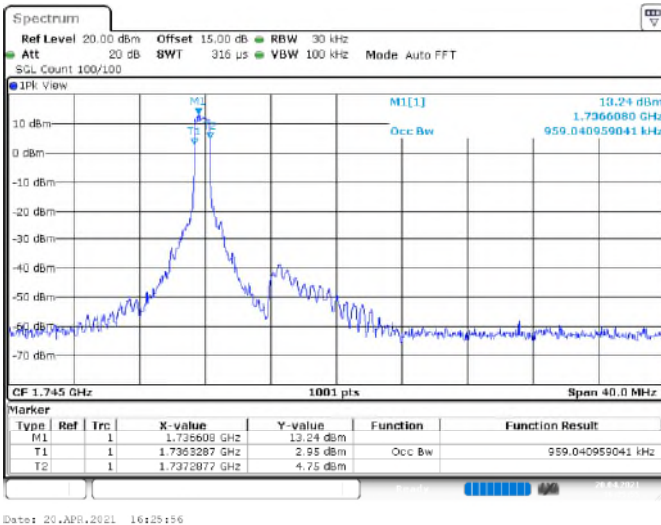
Channel_20050



Channel_20175



Channel_20300



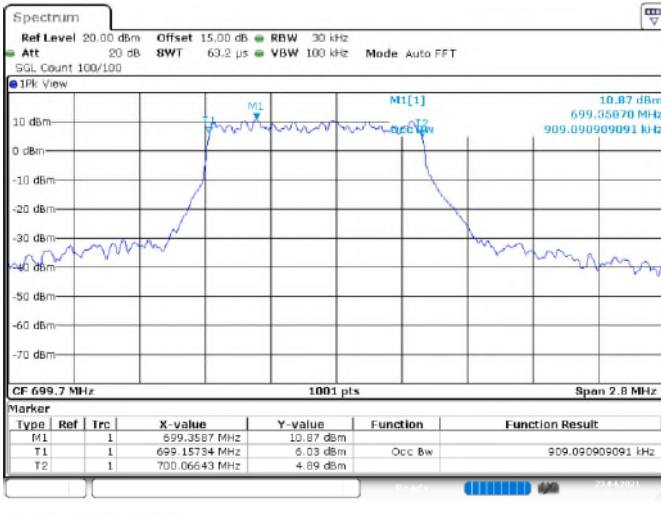
LTE Band 12 _ Channel Bandwidth: 1.4 MHz

Channel	Frequency (MHz)	99 % Occupied Bandwidth (MHz)	
		QPSK	16QAM
23017	699.7	1.09	0.91
23095	707.5	1.08	0.90
23173	715.3	1.10	0.92

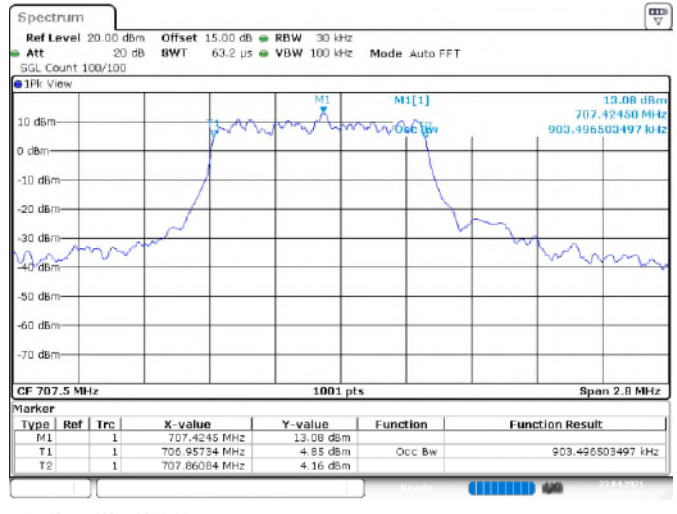


16QAM

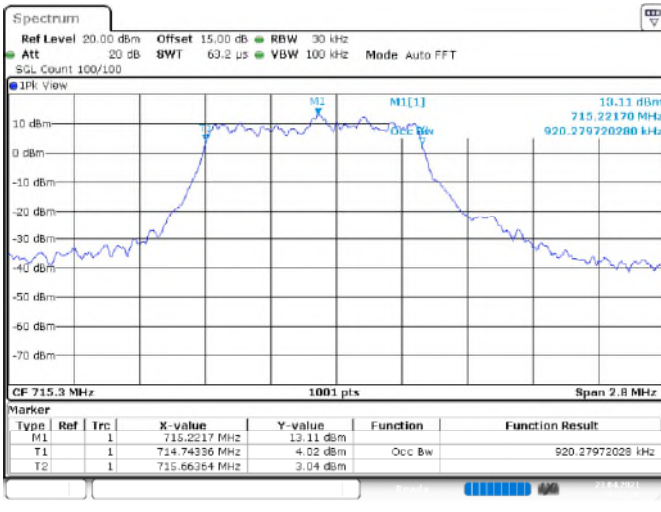
Channel_23017



Channel_23095

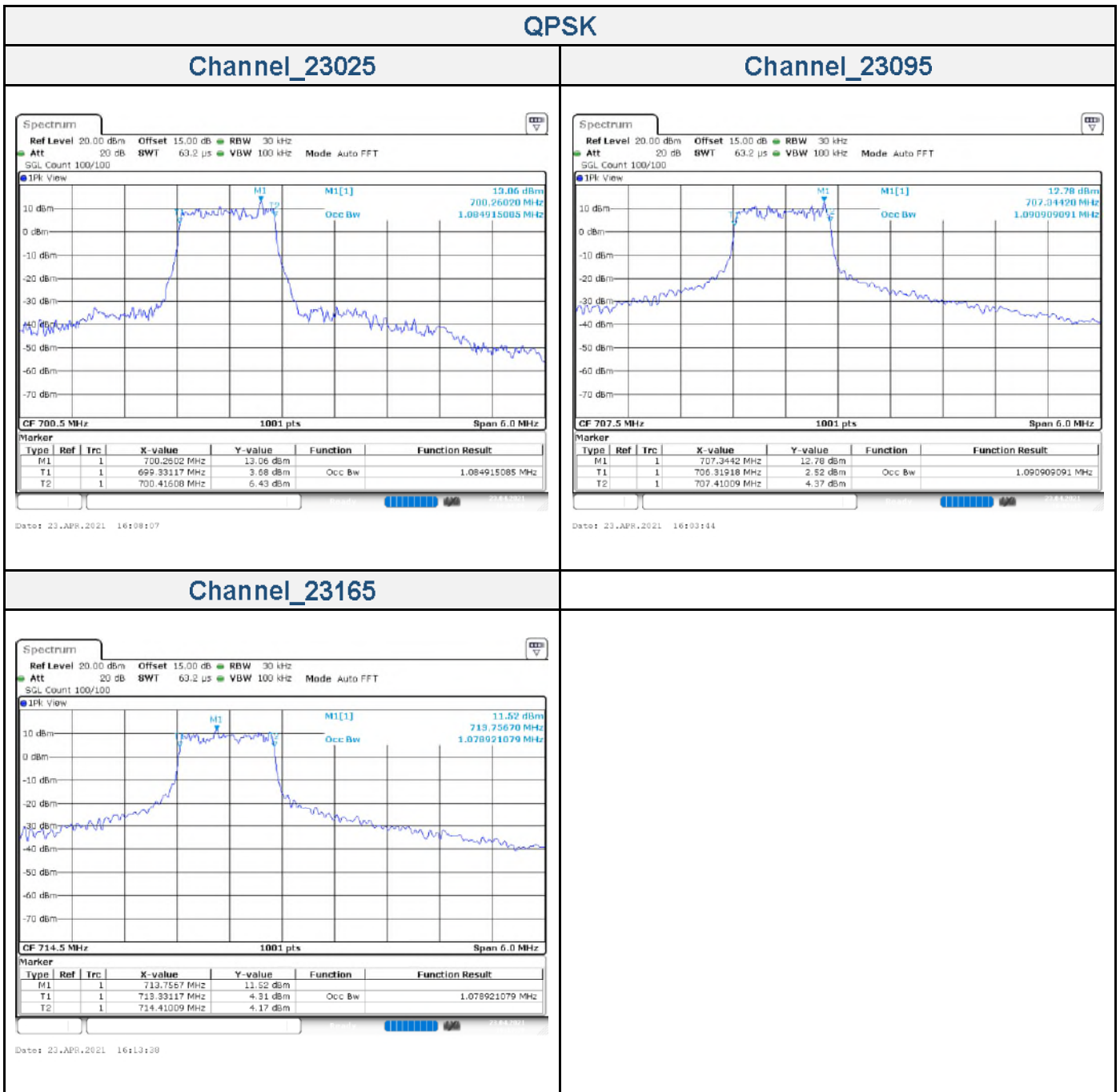


Channel_23173



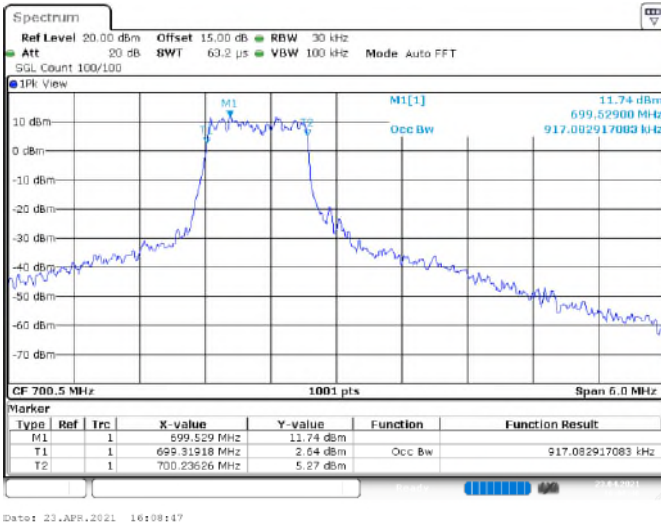
LTE Band 12 _ Channel Bandwidth: 3 MHz

Channel	Frequency (MHz)	99 % Occupied Bandwidth (MHz)	
		QPSK	16QAM
23025	700.5	1.08	0.92
23095	707.5	1.09	0.92
23165	714.5	1.08	0.91

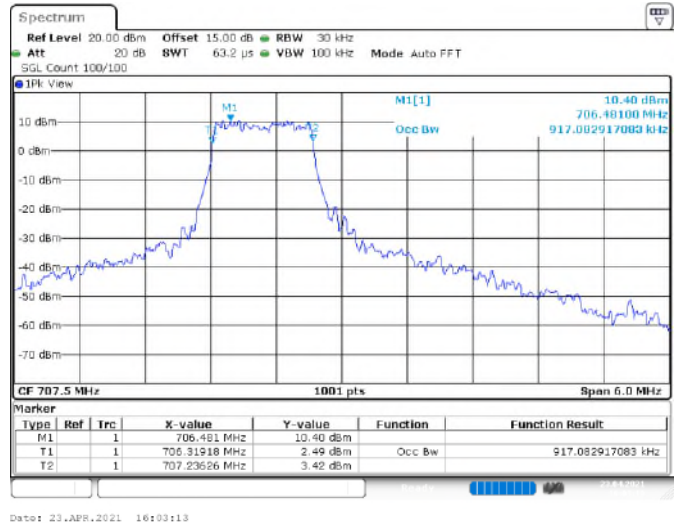


16QAM

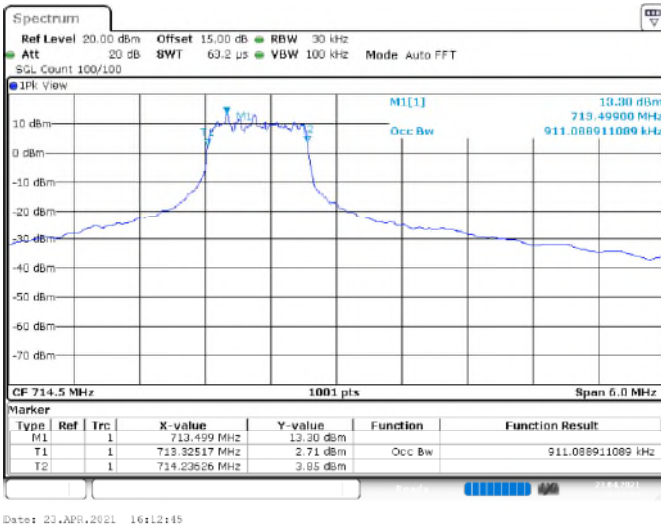
Channel_23025



Channel_23095

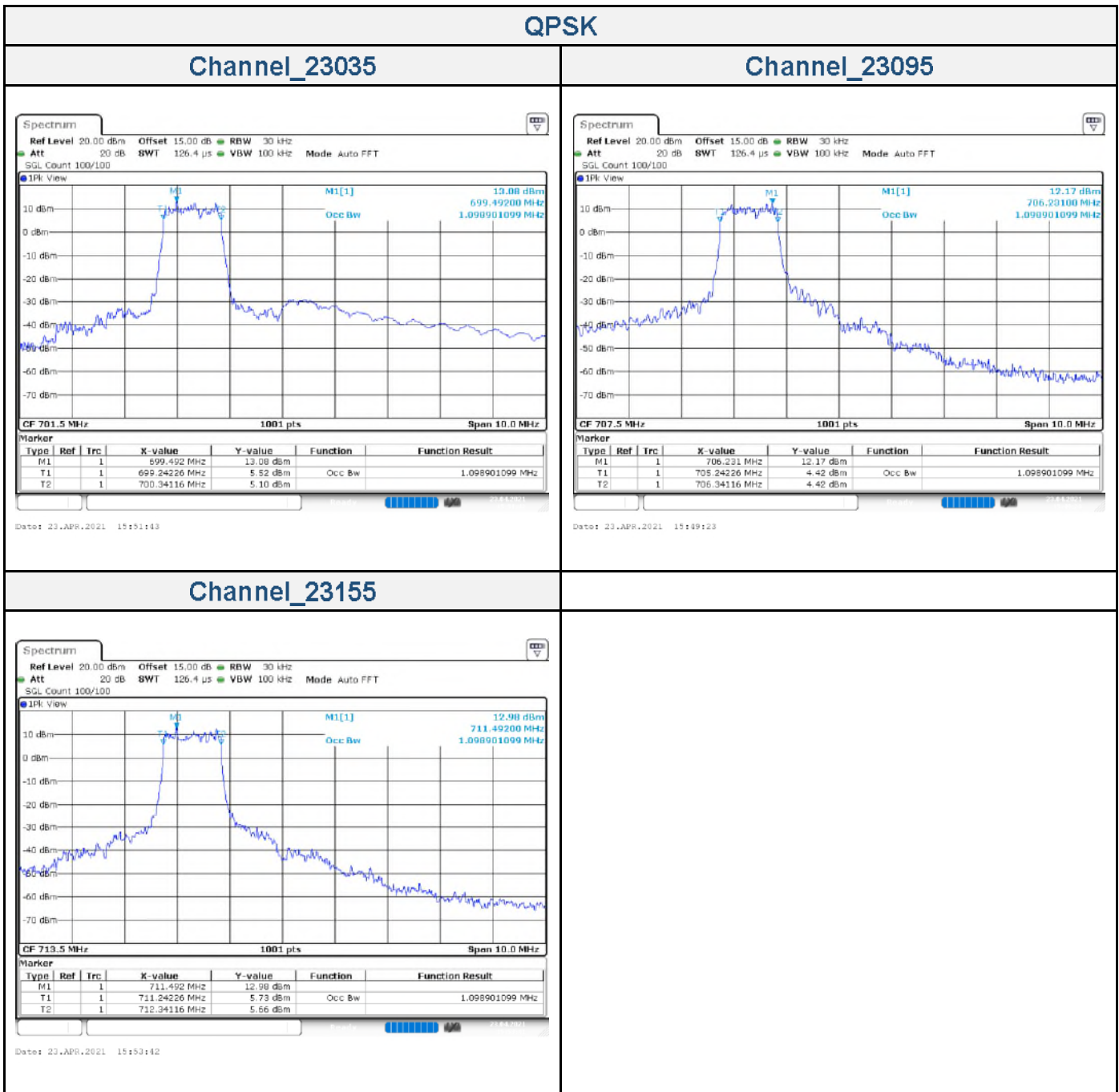


Channel_23165



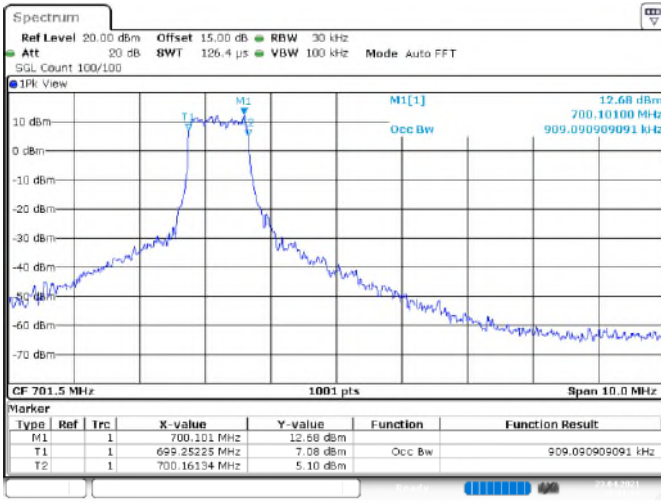
LTE Band 12 _ Channel Bandwidth: 5 MHz

Channel	Frequency (MHz)	99 % Occupied Bandwidth (MHz)	
		QPSK	16QAM
23035	701.5	1.10	0.91
23095	707.5	1.10	0.91
23155	713.5	1.10	0.91

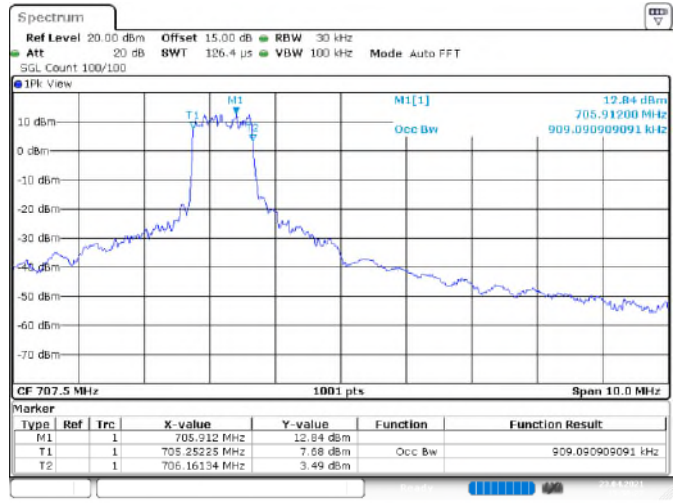


16QAM

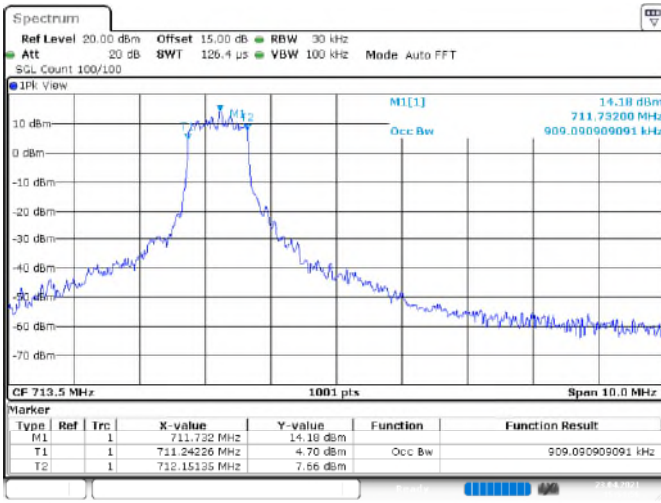
Channel_23035



Channel_23095

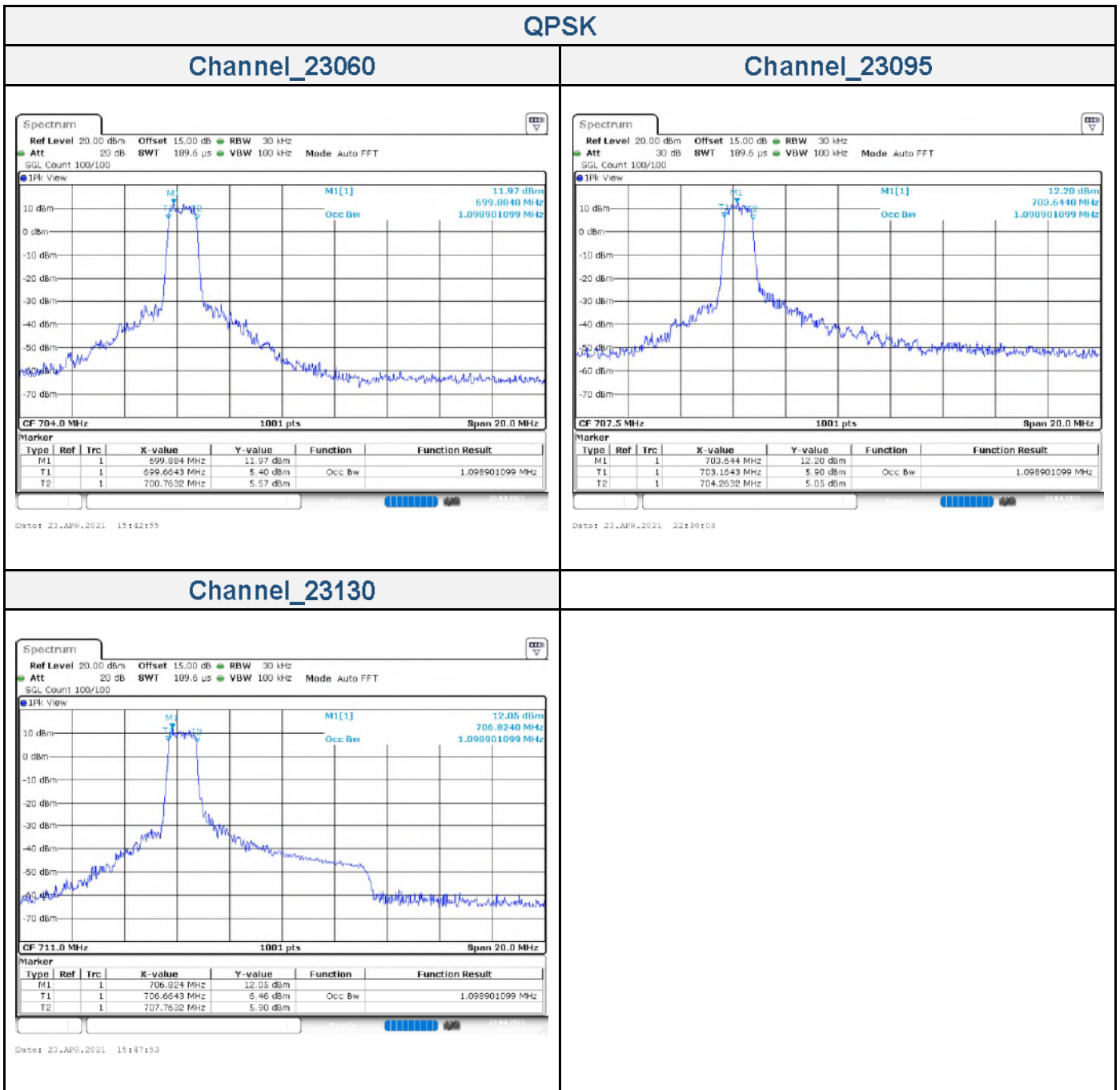


Channel_23155



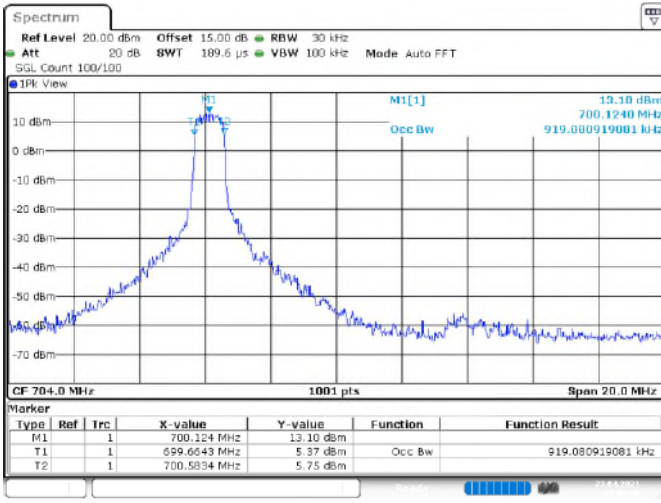
LTE Band 12 _ Channel Bandwidth: 10 MHz

Channel	Frequency (MHz)	99 % Occupied Bandwidth (MHz)	
		QPSK	16QAM
23060	704.0	1.10	0.92
23095	707.5	1.10	0.92
23130	711.0	1.10	0.92

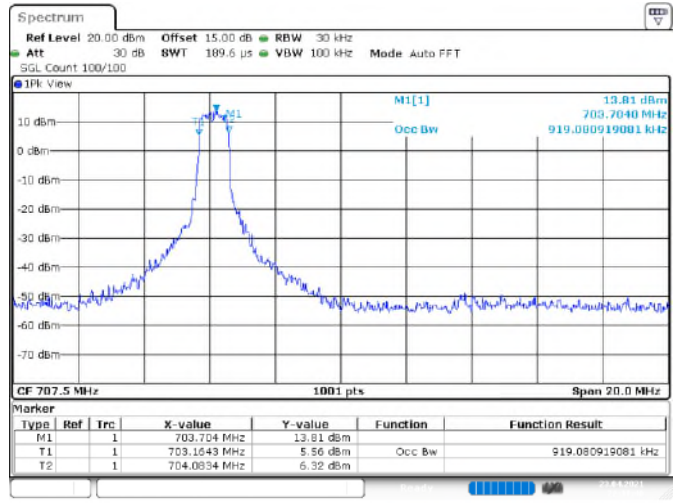


16QAM

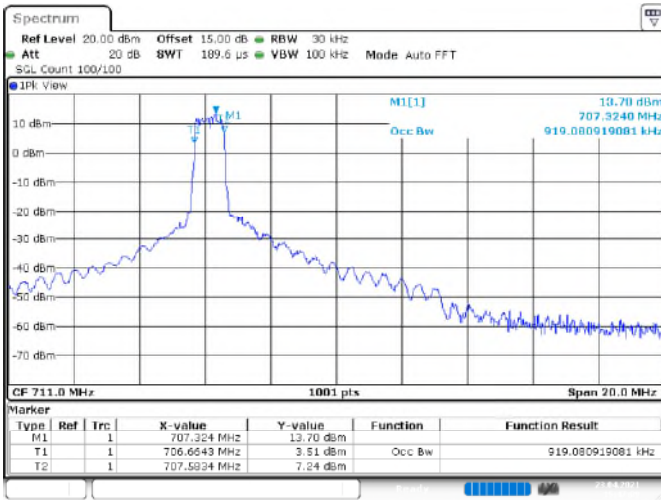
Channel_23060



Channel_23095

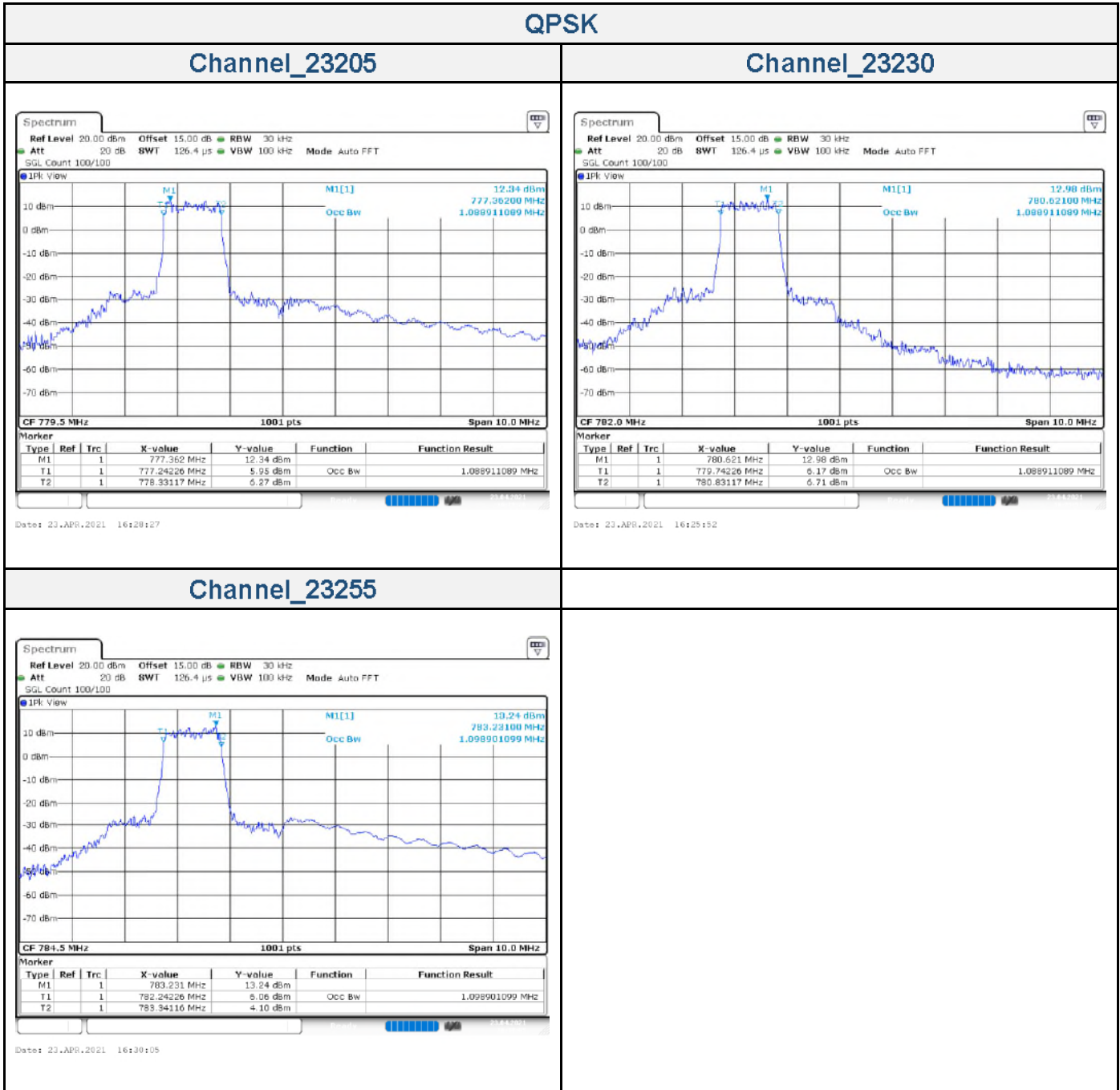


Channel_23130



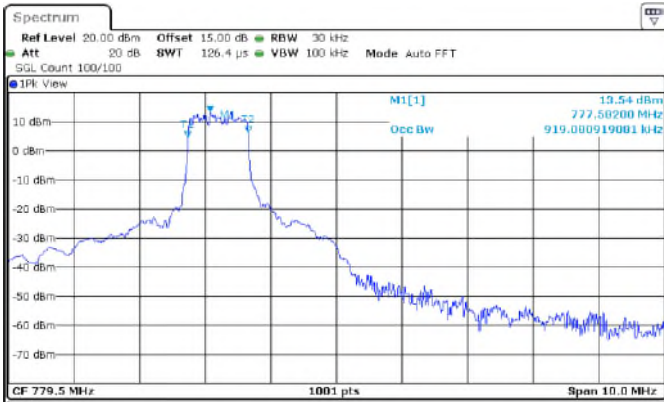
LTE Band 13 _ Channel Bandwidth: 5 MHz

Channel	Frequency (MHz)	99 % Occupied Bandwidth (MHz)	
		QPSK	16QAM
23205	779.5	1.09	0.92
23230	785	1.09	0.92
23255	784.5	1.10	0.92



16QAM

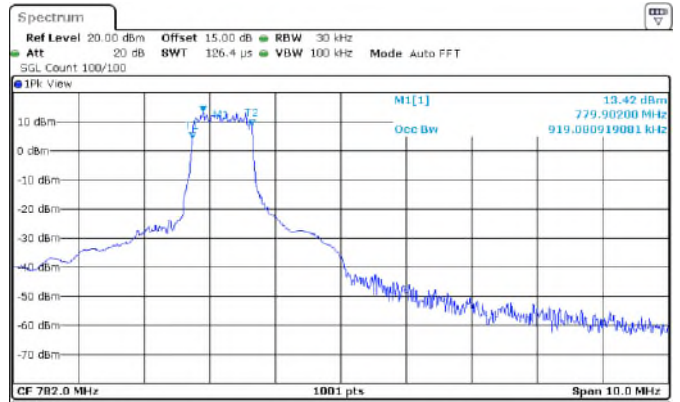
Channel_23205



Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		777.582 MHz	13.54 dBm		
T1	1		777.24226 MHz	-4.45 dBm	Occ Bw	919.080919081 kHz
T2	1		778.16134 MHz	6.25 dBm		

Date: 23.APR.2021 16:27:19

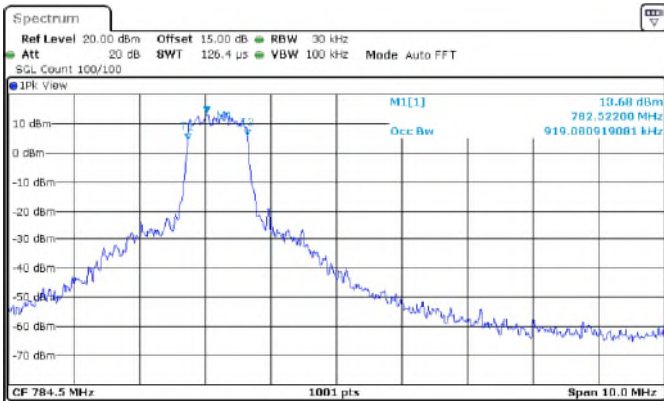
Channel_23230



Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		779.982 MHz	13.42 dBm		
T1	1		778.73227 MHz	-4.26 dBm	Occ Bw	919.080919081 kHz
T2	1		780.65135 MHz	8.57 dBm		

Date: 23.APR.2021 16:26:36

Channel_23255

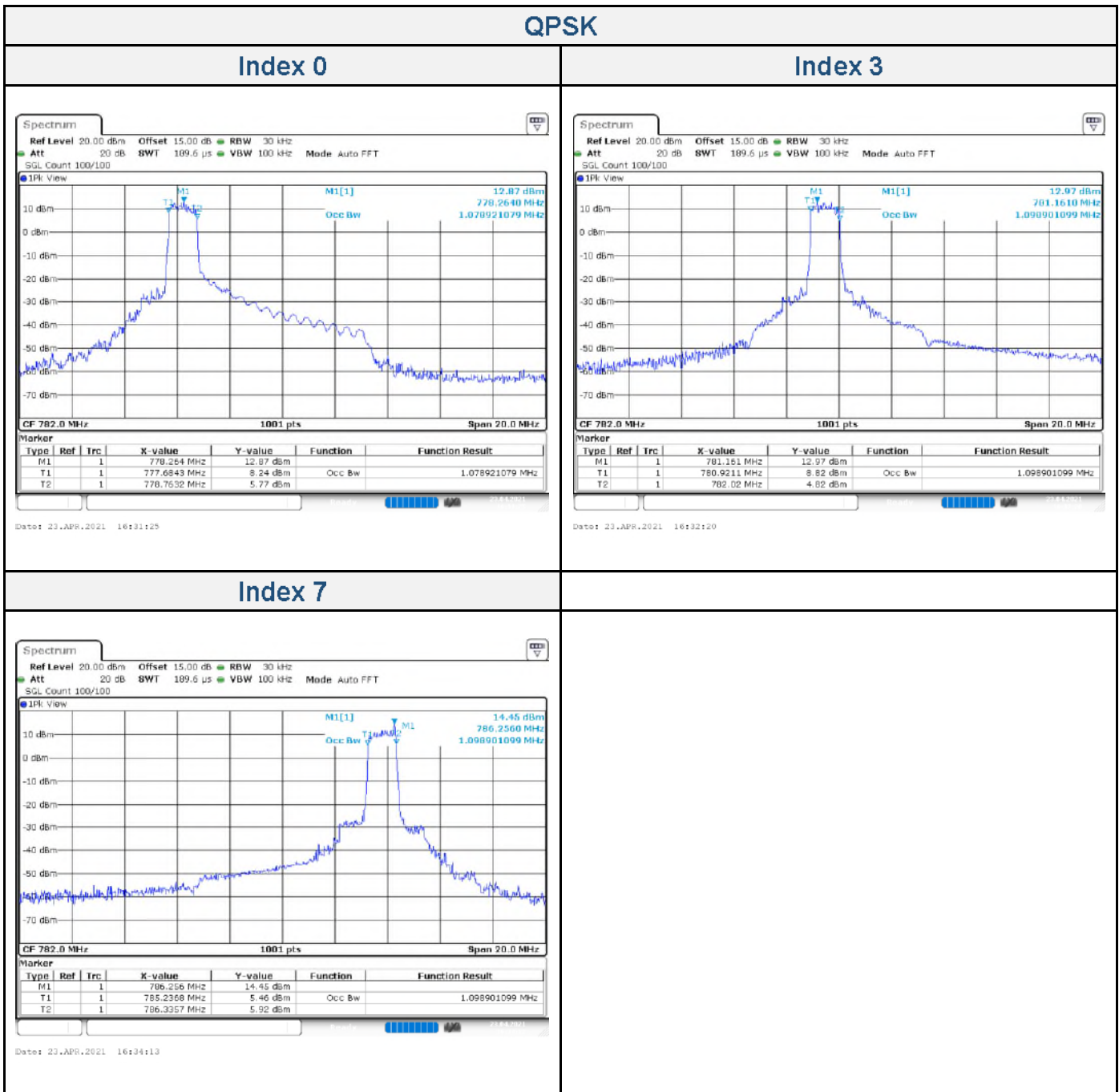


Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		782.522 MHz	10.60 dBm		
T1	1		782.23227 MHz	-4.61 dBm	Occ Bw	919.080919081 kHz
T2	1		783.15135 MHz	6.10 dBm		

Date: 25.APR.2021 13:18:51

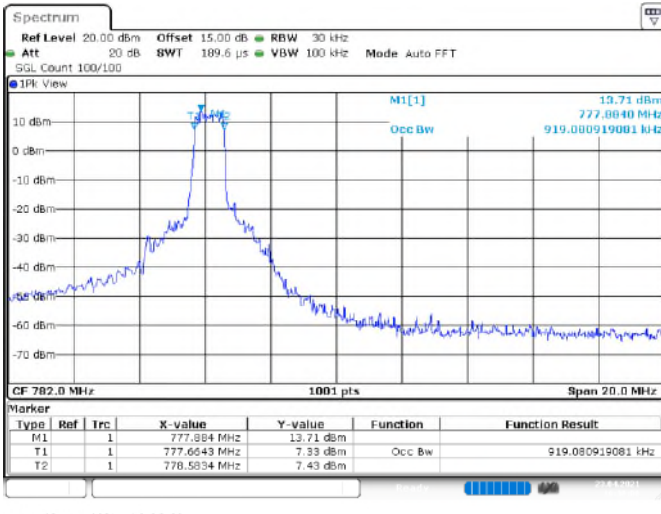
LTE Band 13 _ Channel Bandwidth: 10 MHz

Channel	Frequency (MHz)	Index	99 % Occupied Bandwidth (MHz)	
			QPSK	16QAM
23230	782	0	1.08	0.92
		3	1.10	0.94
		7	1.10	0.92

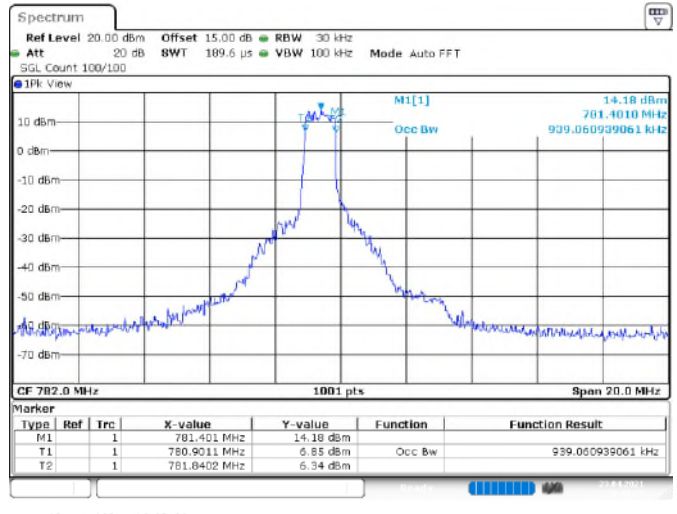


16QAM

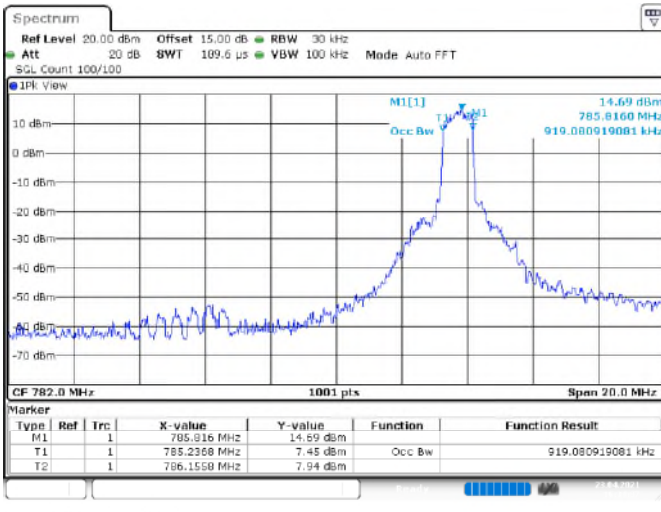
Index 0



Index 3



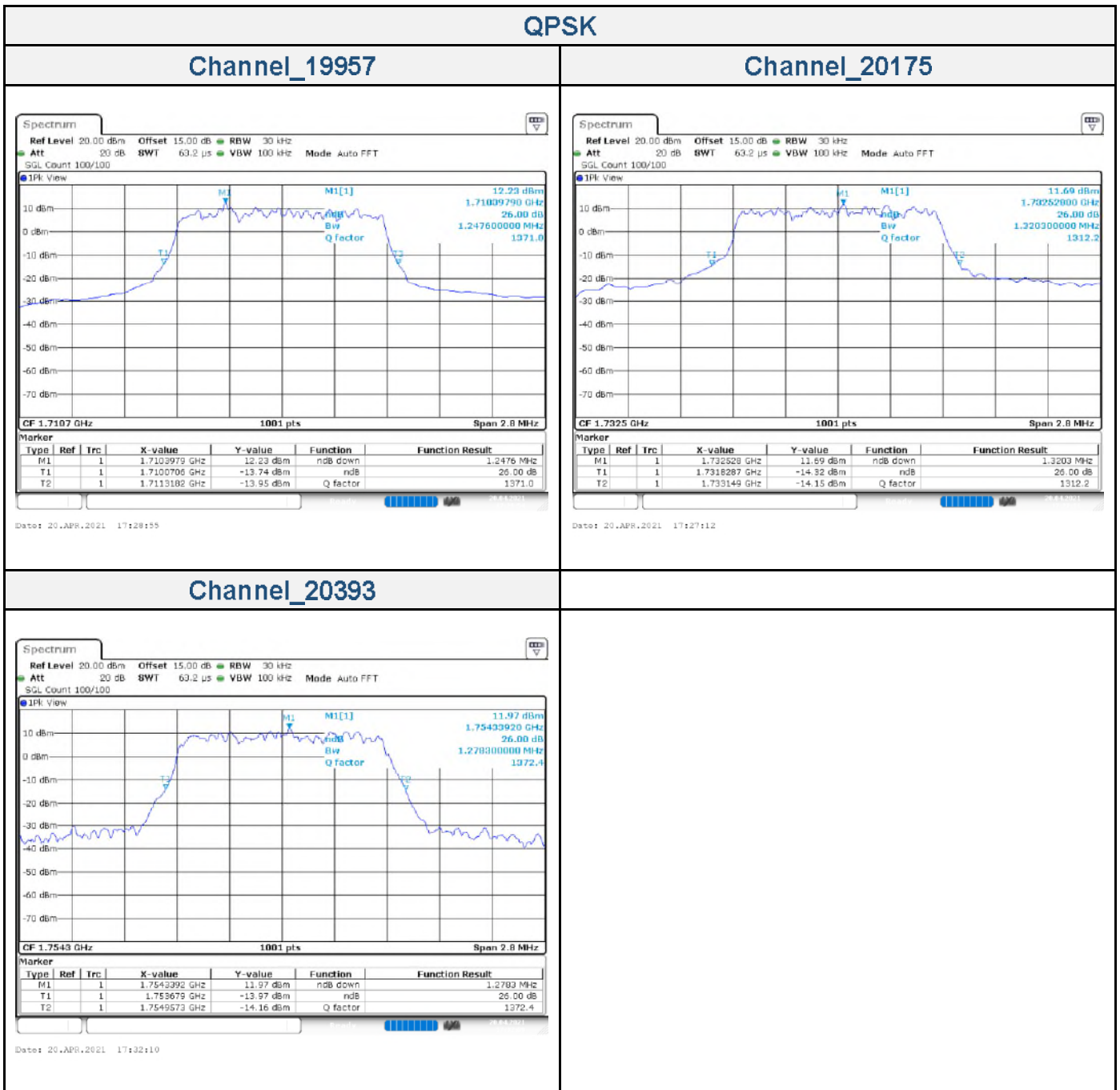
Index 7



26 dB Bandwidth

LTE Band 4 _ Channel Bandwidth: 1.4 MHz

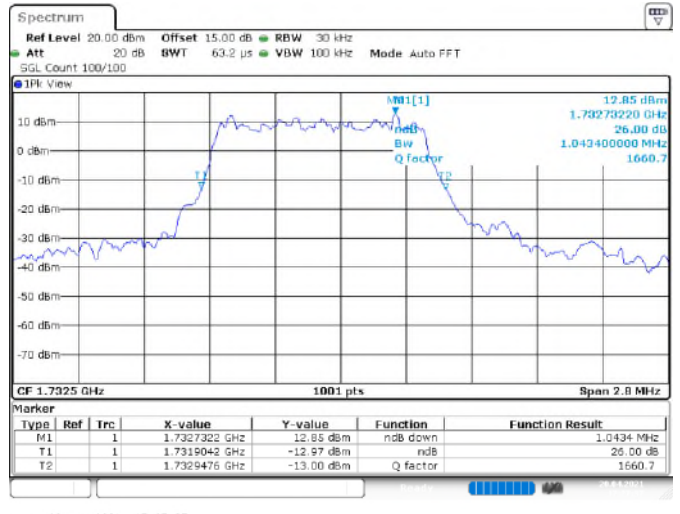
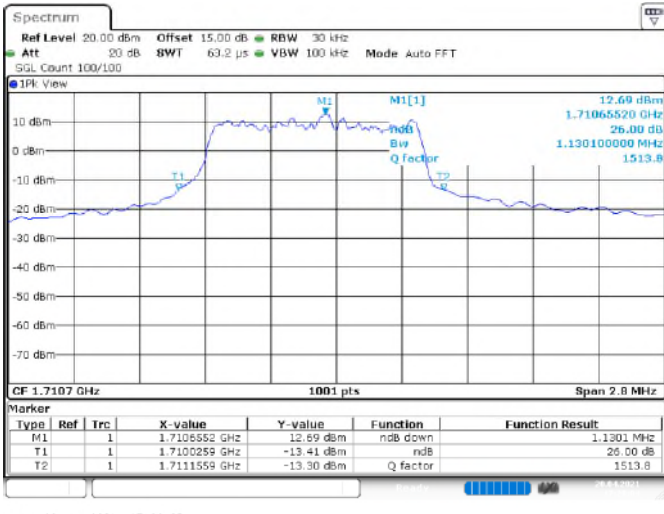
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	
		QPSK	16QAM
19957	1710.7	1.25	1.13
20175	1732.5	1.32	1.04
20393	1754.3	1.28	1.02



16QAM

Channel_19957

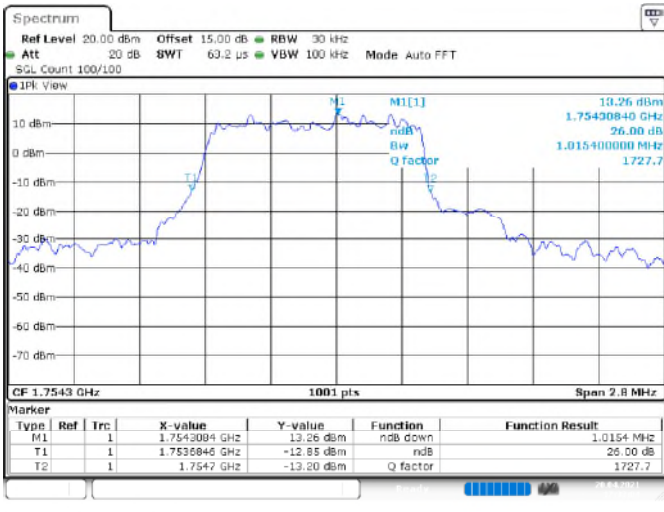
Channel_20175



Date: 20.APR.2021 17:28:05

Date: 20.APR.2021 17:27:37

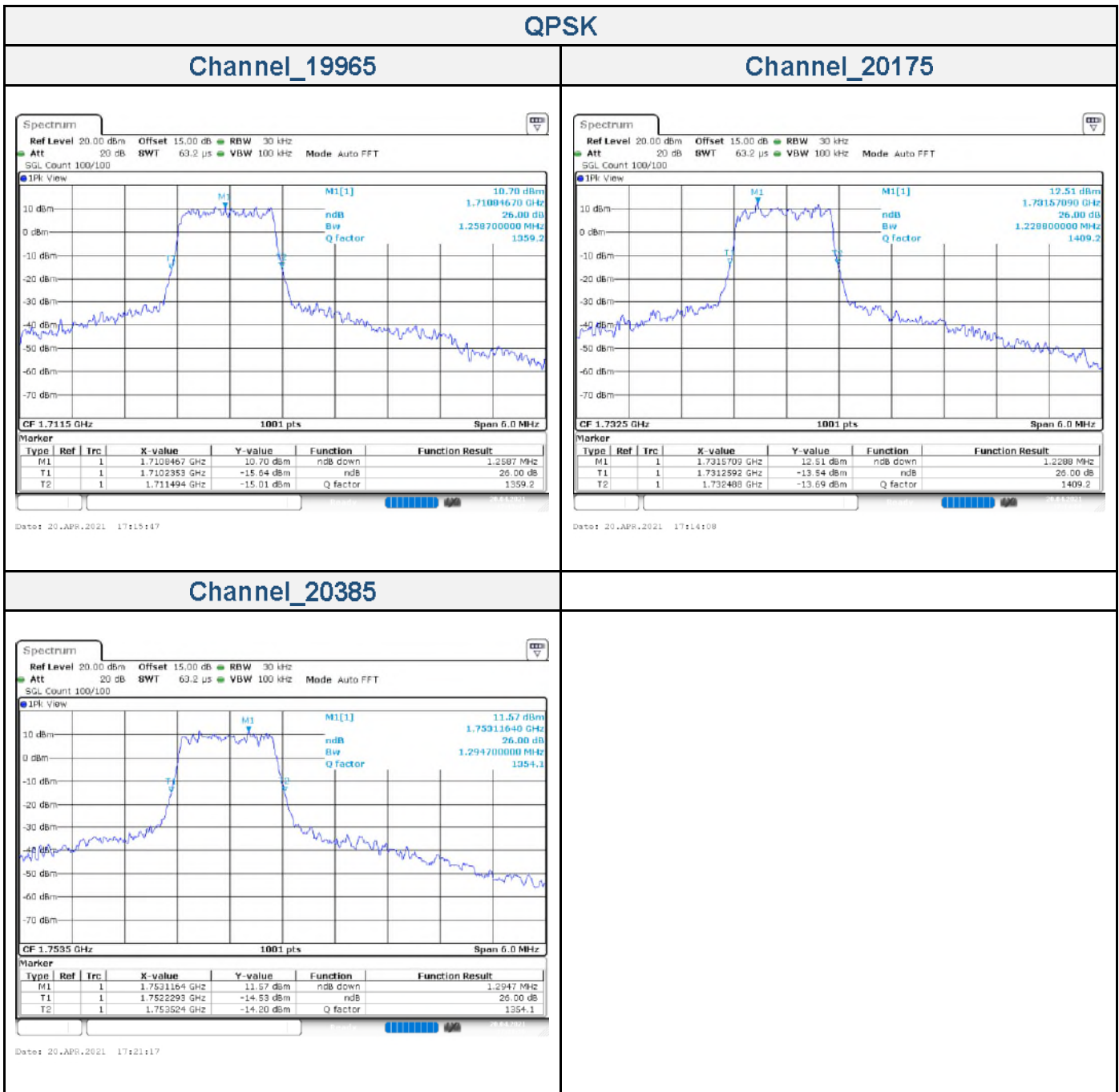
Channel_20393



Date: 20.APR.2021 17:33:05

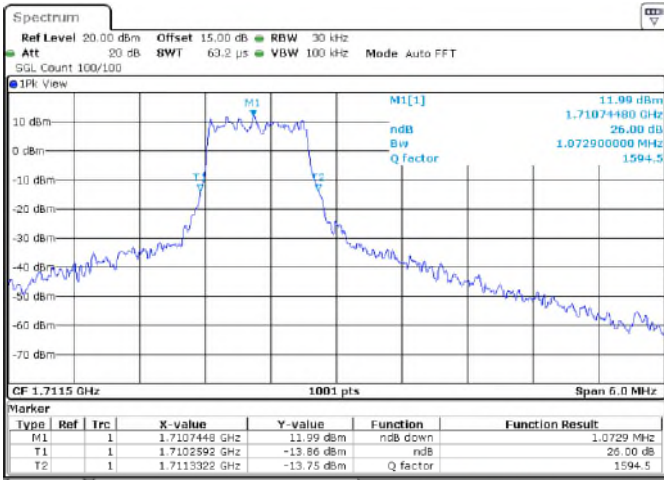
LTE Band 4 _ Channel Bandwidth: 3 MHz

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	
		QPSK	16QAM
19965	1711.5	1.26	1.07
20175	1732.5	1.23	1.07
20385	1753.5	1.29	1.14



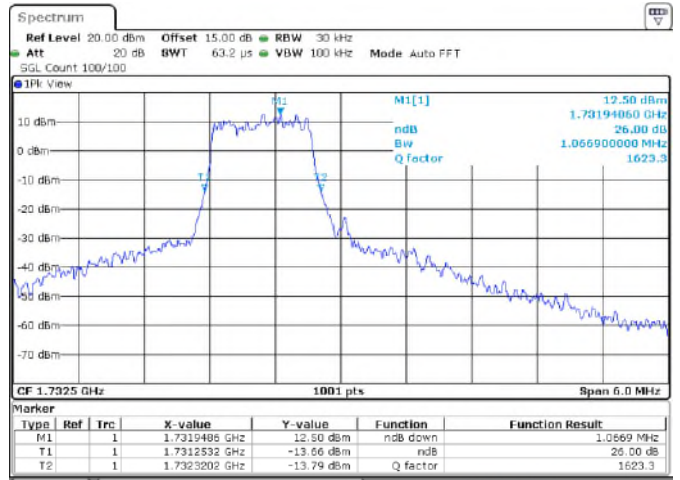
16QAM

Channel_19965



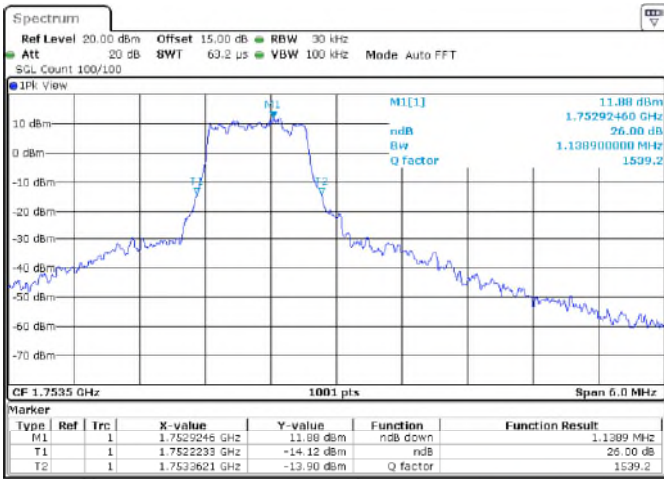
Date: 20.APR.2021 17:16:11

Channel_20175



Date: 20.APR.2021 17:14:38

Channel_20385



Date: 20.APR.2021 17:20:24

LTE Band 4 _ Channel Bandwidth: 5 MHz

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	
		QPSK	16QAM
19975	1712.5	1.24	1.06
20175	1732.5	1.26	1.09
20375	1752.5	1.23	1.10

QPSK

Channel_19975

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		1.710412 GHz	12.67 dBm	ndB down	1.239 MHz
T1	1		1.710172 GHz	-14.04 dBm	ndB	26.00 dB
T2	1		1.711411 GHz	-13.24 dBm	Q factor	1380.7

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Channel_20175

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		1.731121 GHz	12.27 dBm	ndB down	1.259 MHz
T1	1		1.730152 GHz	-14.25 dBm	ndB	26.00 dB
T2	1		1.731411 GHz	-13.09 dBm	Q factor	1375.3

Date: 20.APR.2021 16:29:22

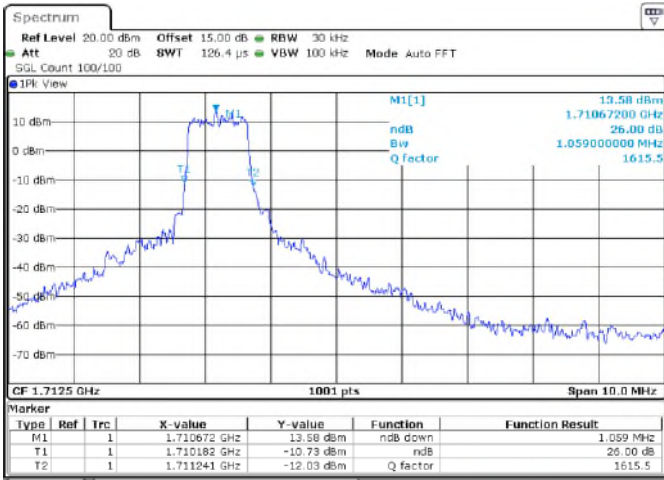
Channel_20375

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		1.751261 GHz	13.74 dBm	ndB down	1.229 MHz
T1	1		1.750172 GHz	-12.42 dBm	ndB	26.00 dB
T2	1		1.751401 GHz	-12.84 dBm	Q factor	1425.2

Date: 20.APR.2021 17:16:27

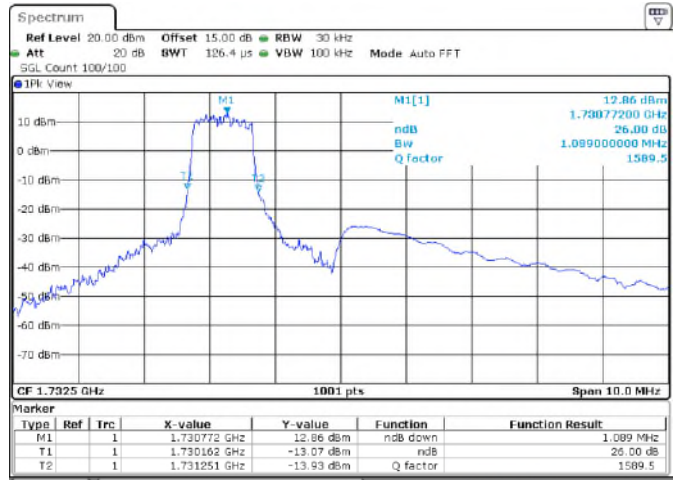
16QAM

Channel_19975



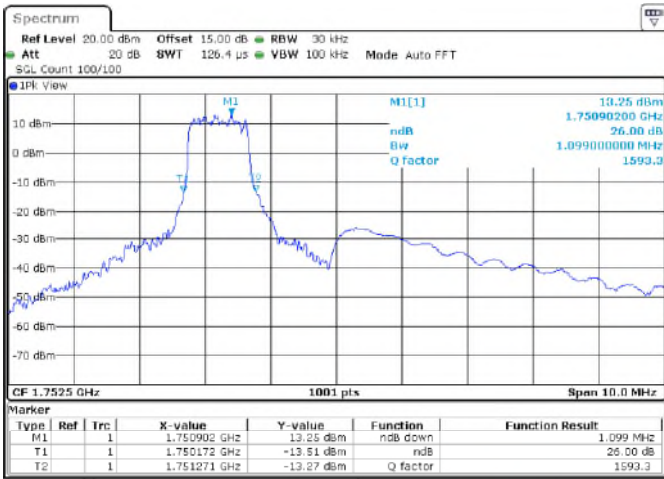
Date: 20.APR.2021 17:08:39

Channel_20175



Date: 20.APR.2021 16:28:55

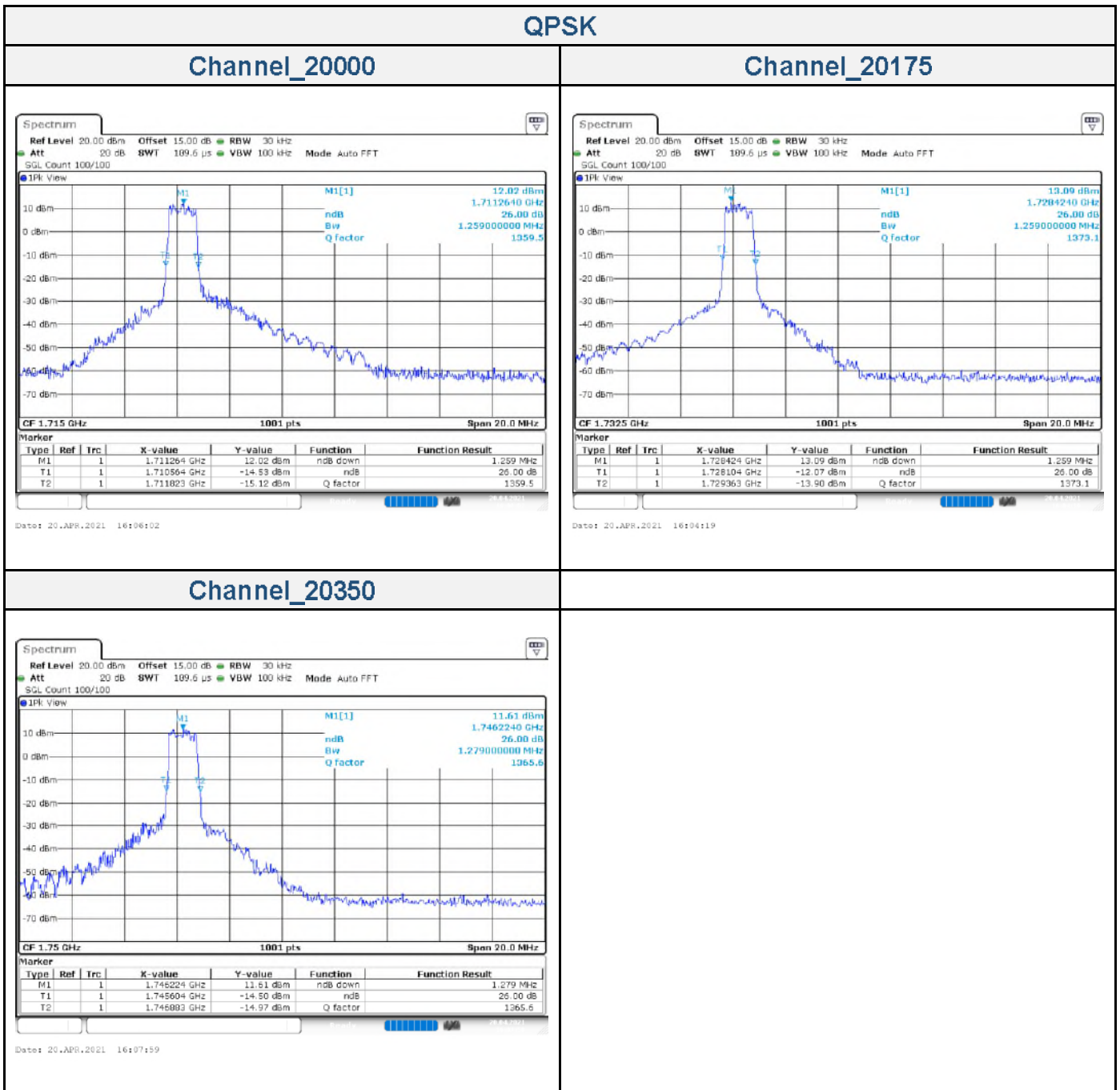
Channel_20375



Date: 20.APR.2021 17:12:15

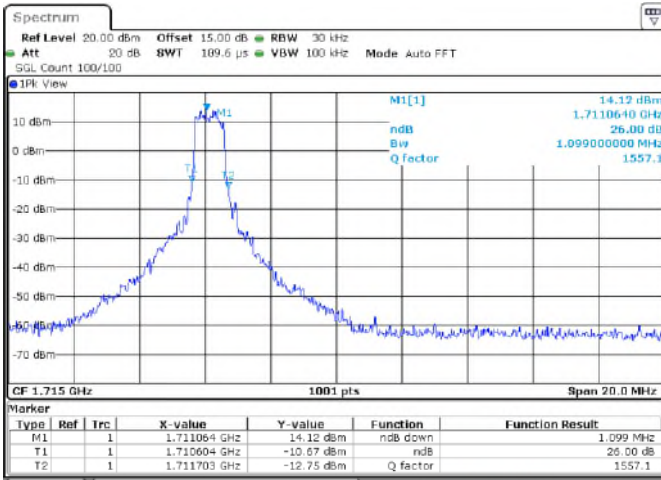
LTE Band 4 _ Channel Bandwidth: 10 MHz

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	
		QPSK	16QAM
20000	1715.0	1.26	1.10
20175	1732.5	1.26	1.08
20350	1750.0	1.28	1.10



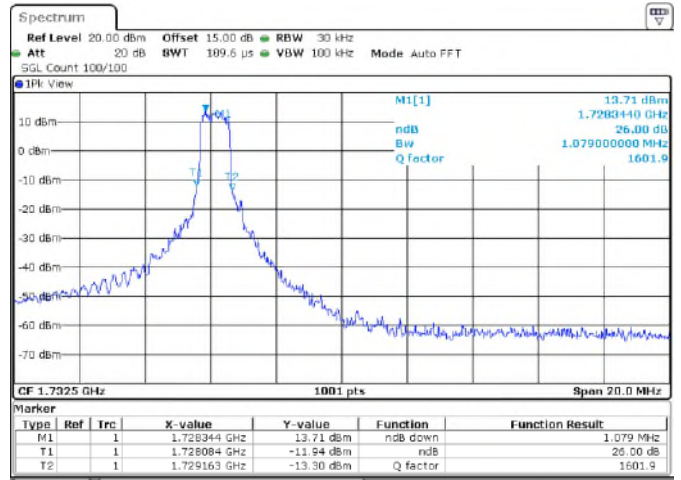
16QAM

Channel_20000



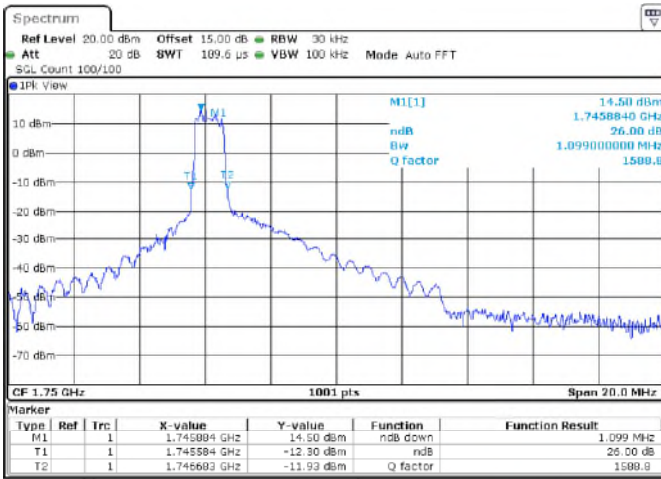
Date: 20.APR.2021 16:05:29

Channel_20175



Date: 20.APR.2021 16:05:04

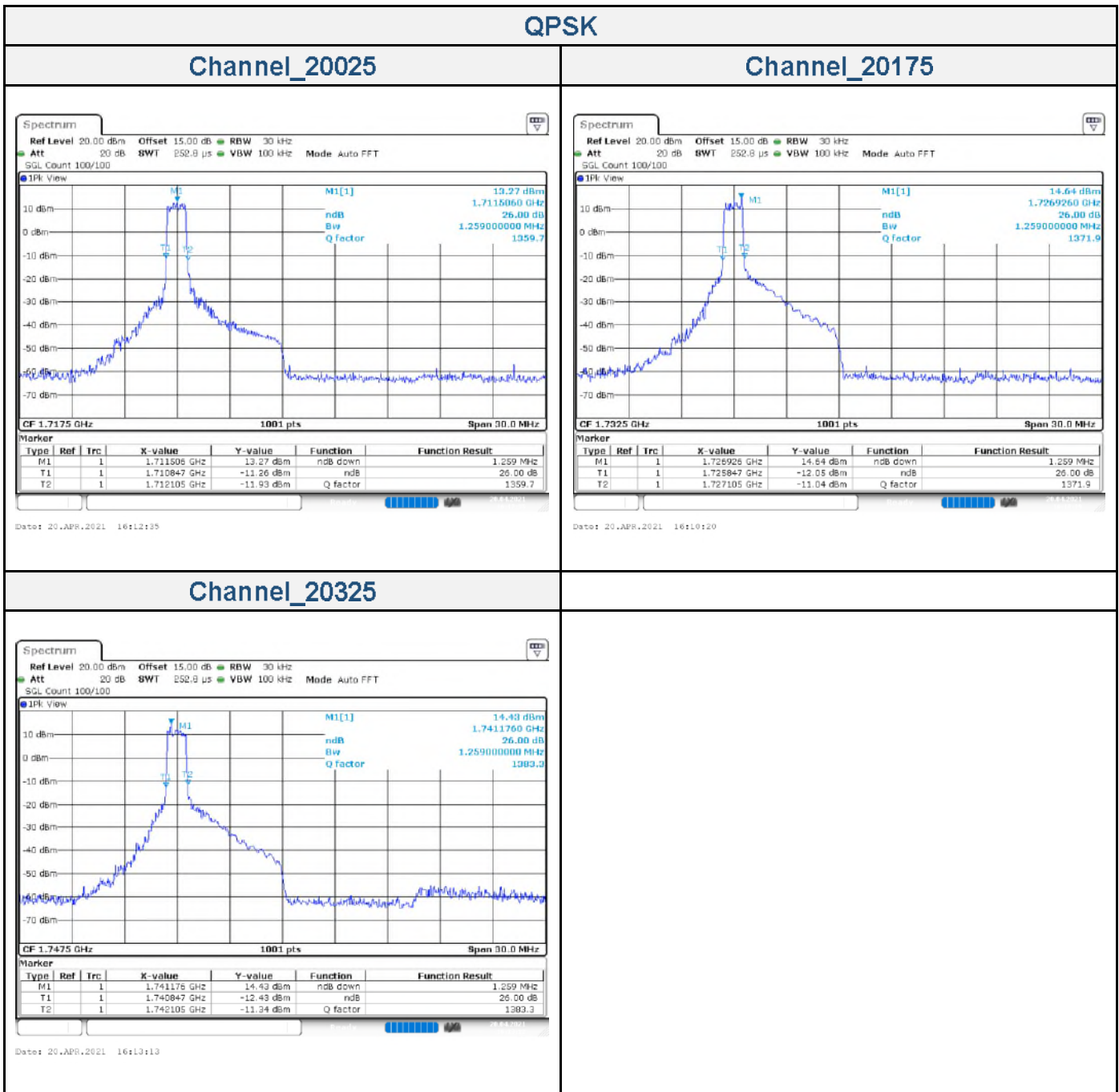
Channel_20350



Date: 20.APR.2021 16:08:29

LTE Band 4 _ Channel Bandwidth: 15 MHz

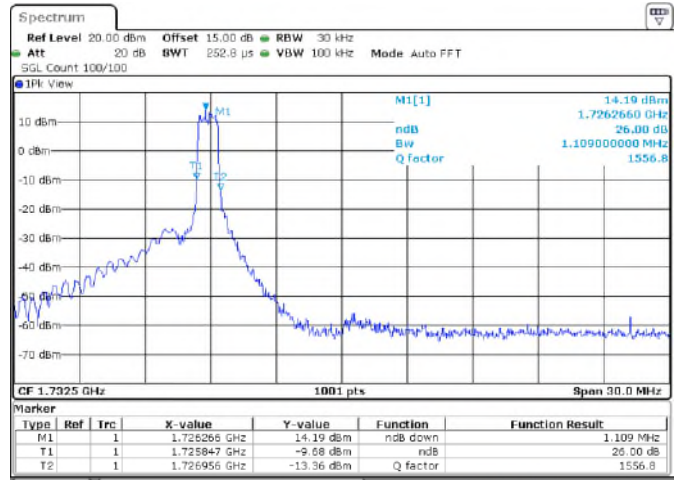
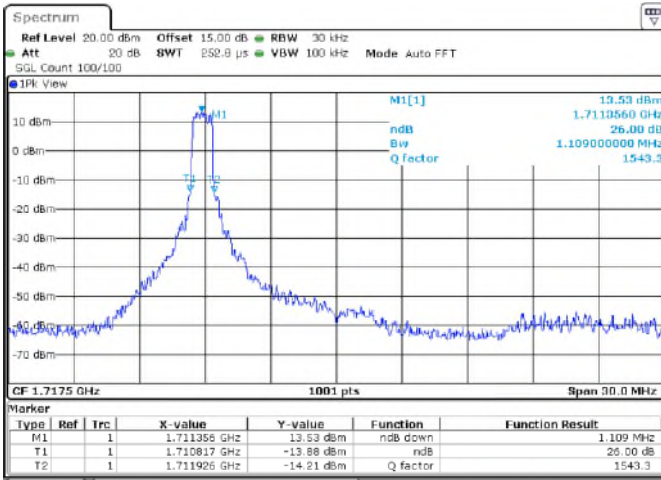
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	
		QPSK	16QAM
20025	1717.5	1.26	1.11
20175	1732.5	1.26	1.11
20325	1747.5	1.26	1.08



16QAM

Channel_20025

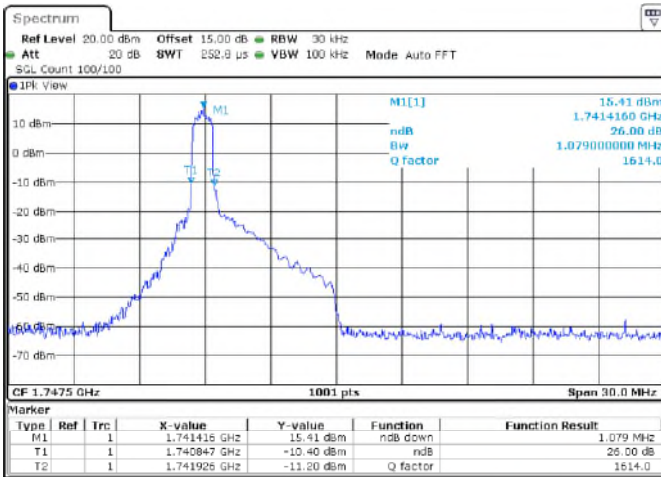
Channel_20175



Date: 20.APR.2021 16:12:09

Date: 20.APR.2021 16:10:51

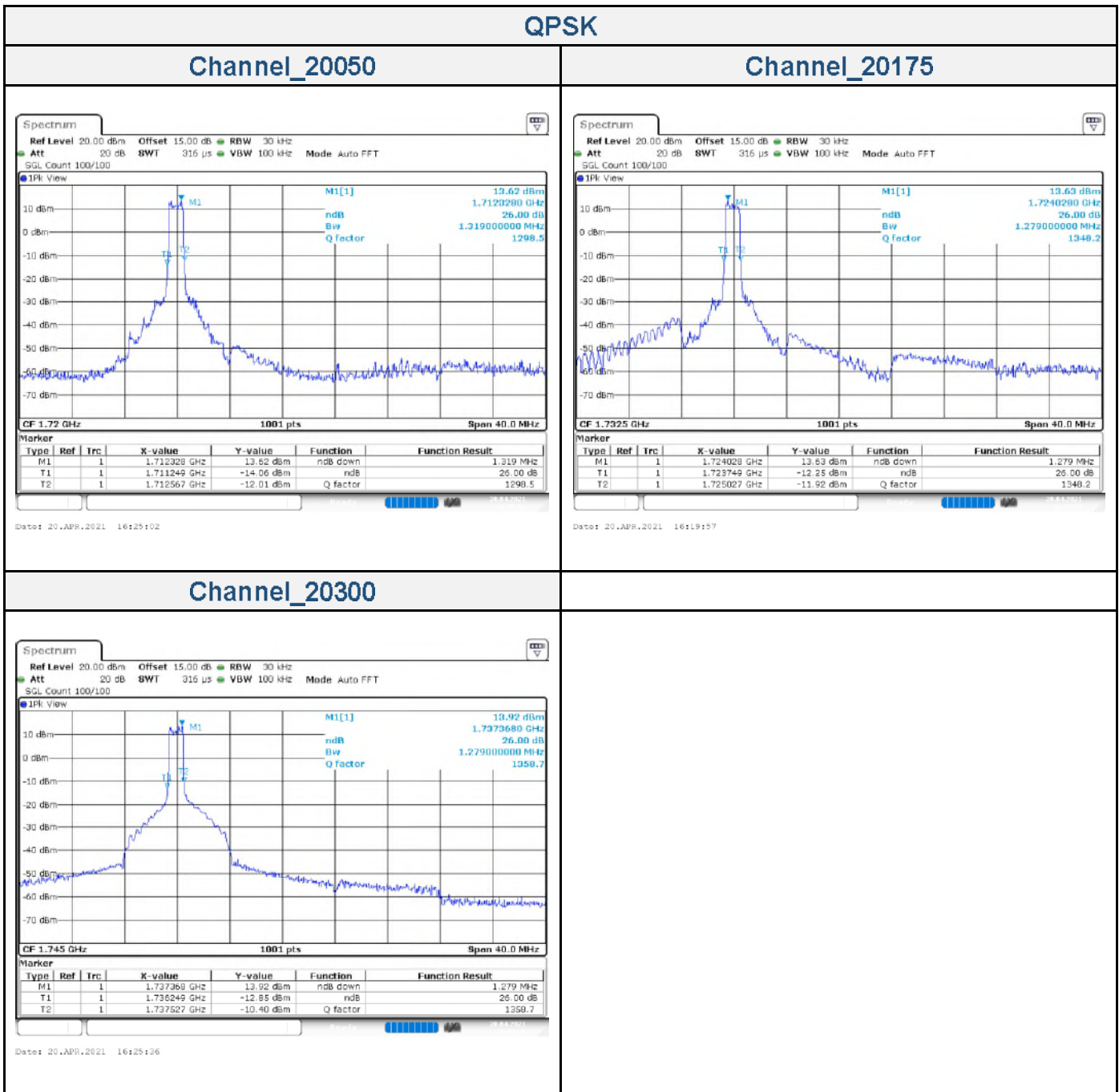
Channel_20325



Date: 20.APR.2021 16:13:10

LTE Band 4 _ Channel Bandwidth: 20 MHz

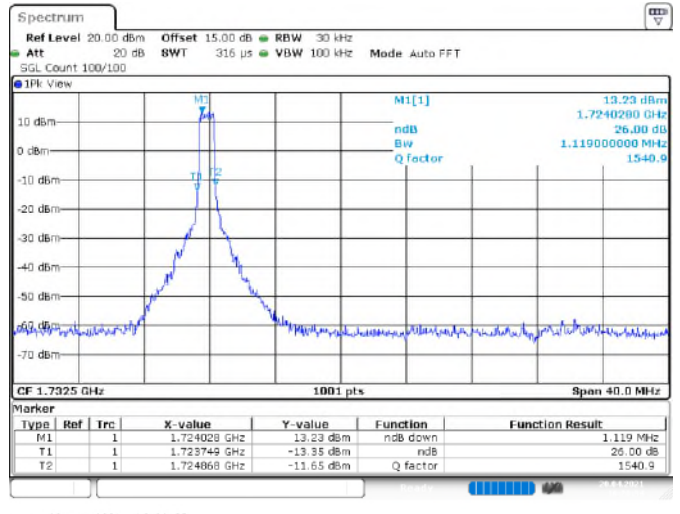
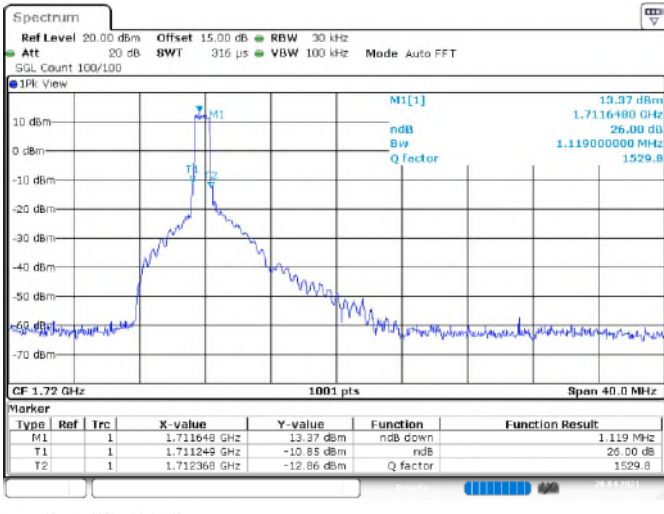
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	
		QPSK	16QAM
20050	1720.0	1.32	1.12
20175	1732.5	1.28	1.12
20300	1745.0	1.28	1.08



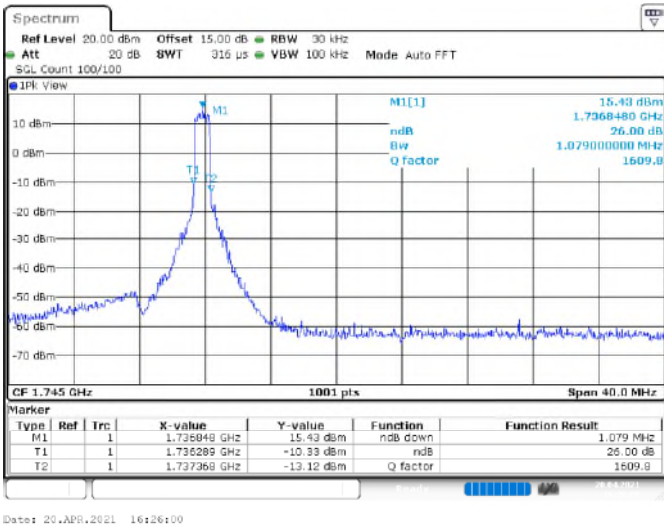
16QAM

Channel_20050

Channel_20175



Channel_20300



LTE Band 12 _ Channel Bandwidth: 1.4 MHz

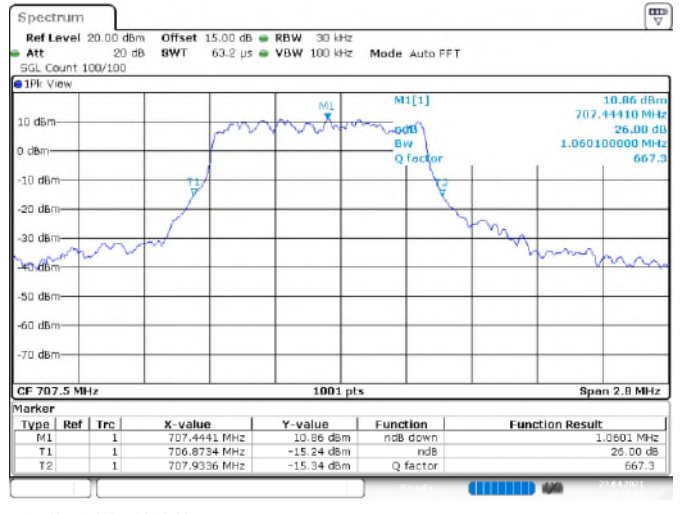
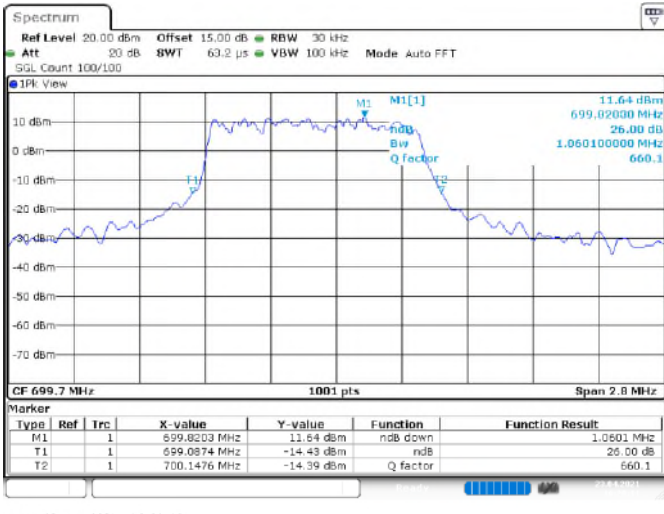
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	
		QPSK	16QAM
23017	699.7	1.21	1.06
23095	707.5	1.23	1.06
23173	715.3	1.28	1.09



16QAM

Channel_23017

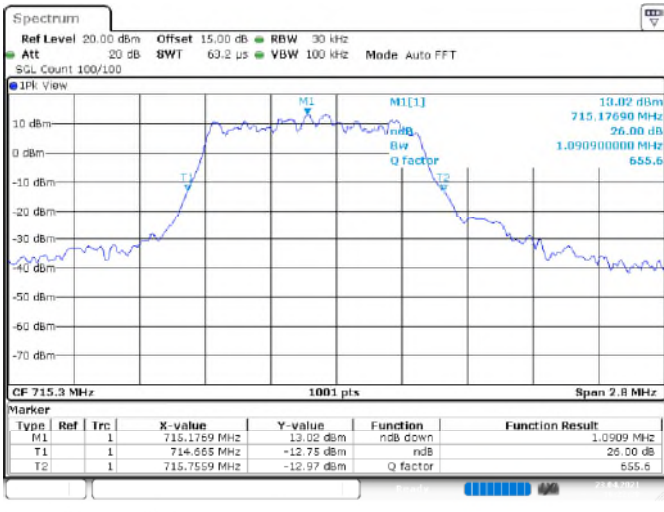
Channel_23095



Date: 23.APR.2021 16:20:12

Date: 23.APR.2021 16:19:06

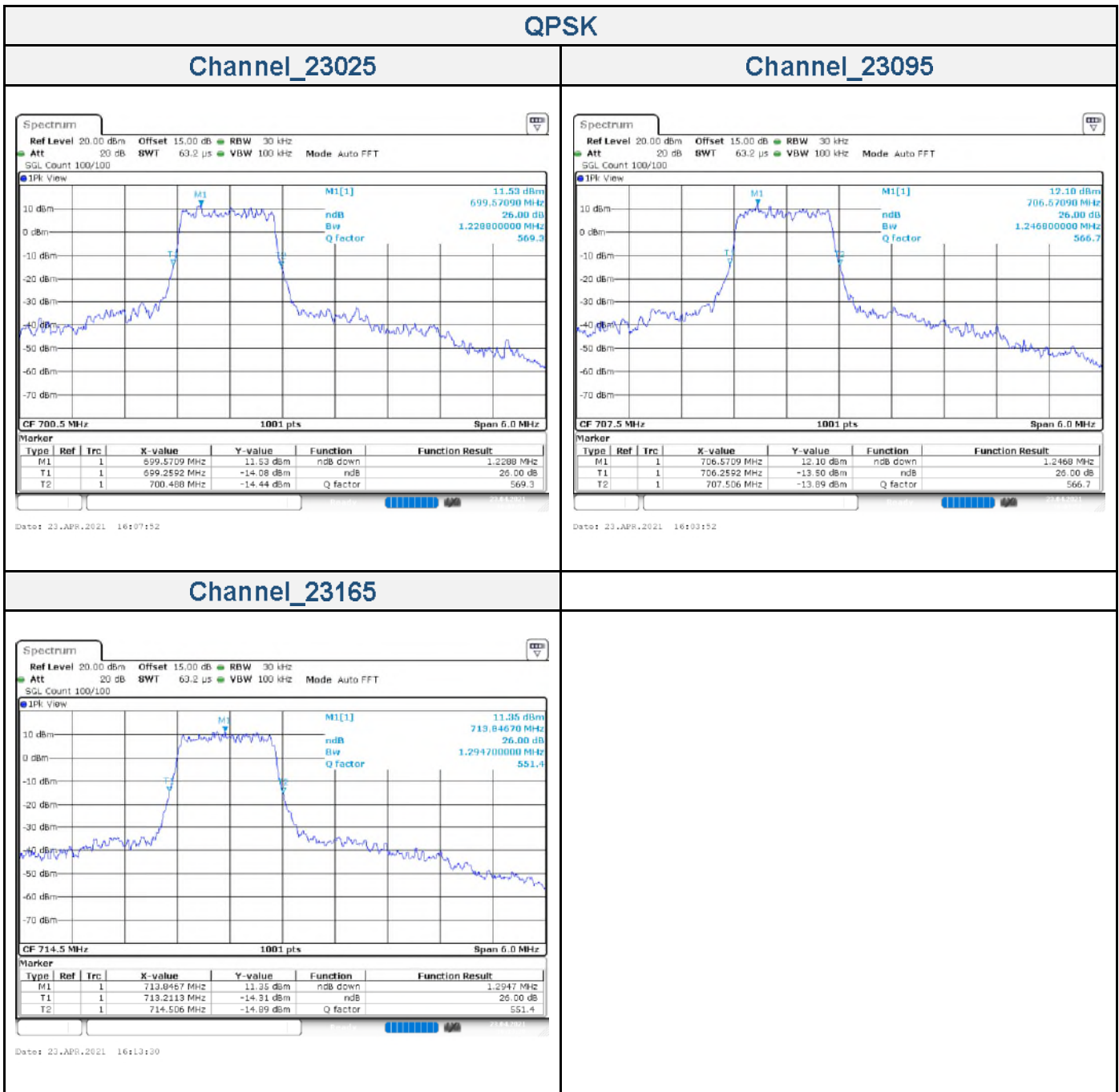
Channel_23173



Date: 23.APR.2021 16:22:39

LTE Band 12 _ Channel Bandwidth: 3 MHz

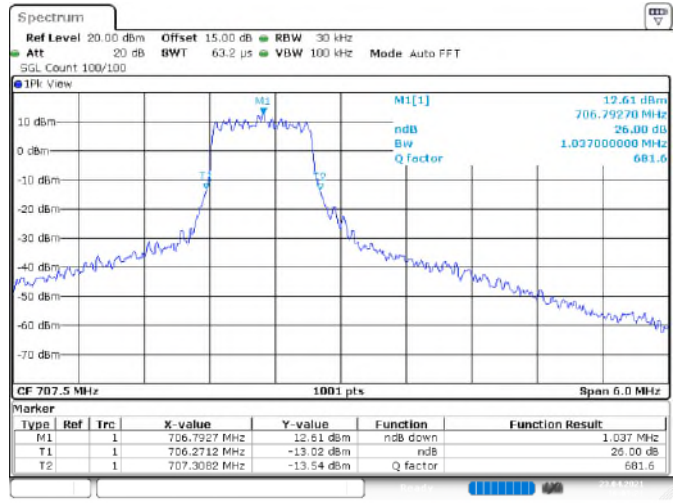
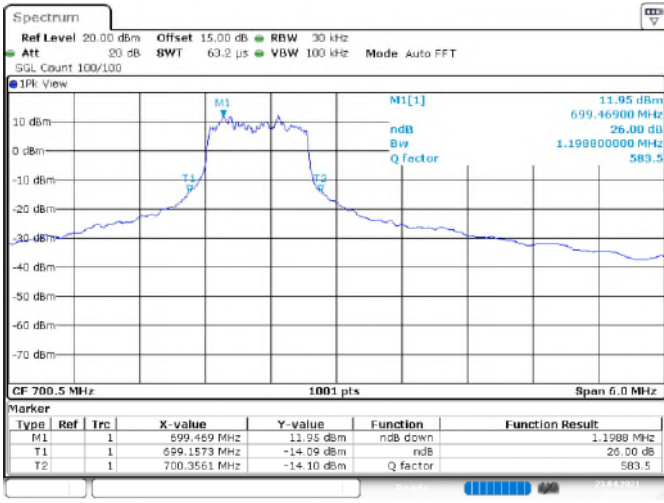
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	
		QPSK	16QAM
23025	700.5	1.23	1.20
23095	707.5	1.25	1.04
23165	714.5	1.29	1.10



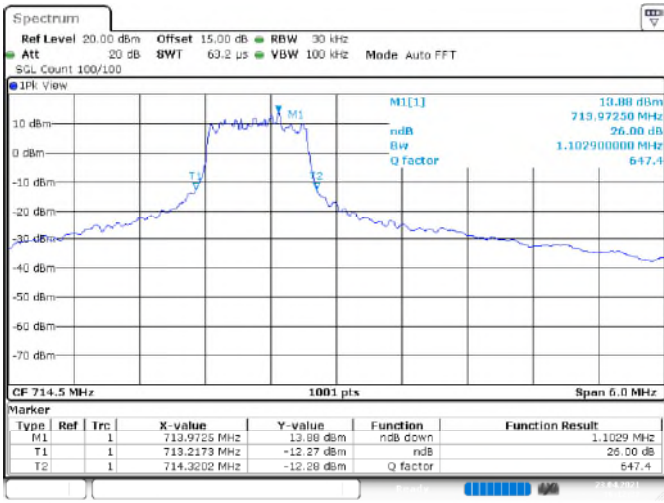
16QAM

Channel_23025

Channel_23095

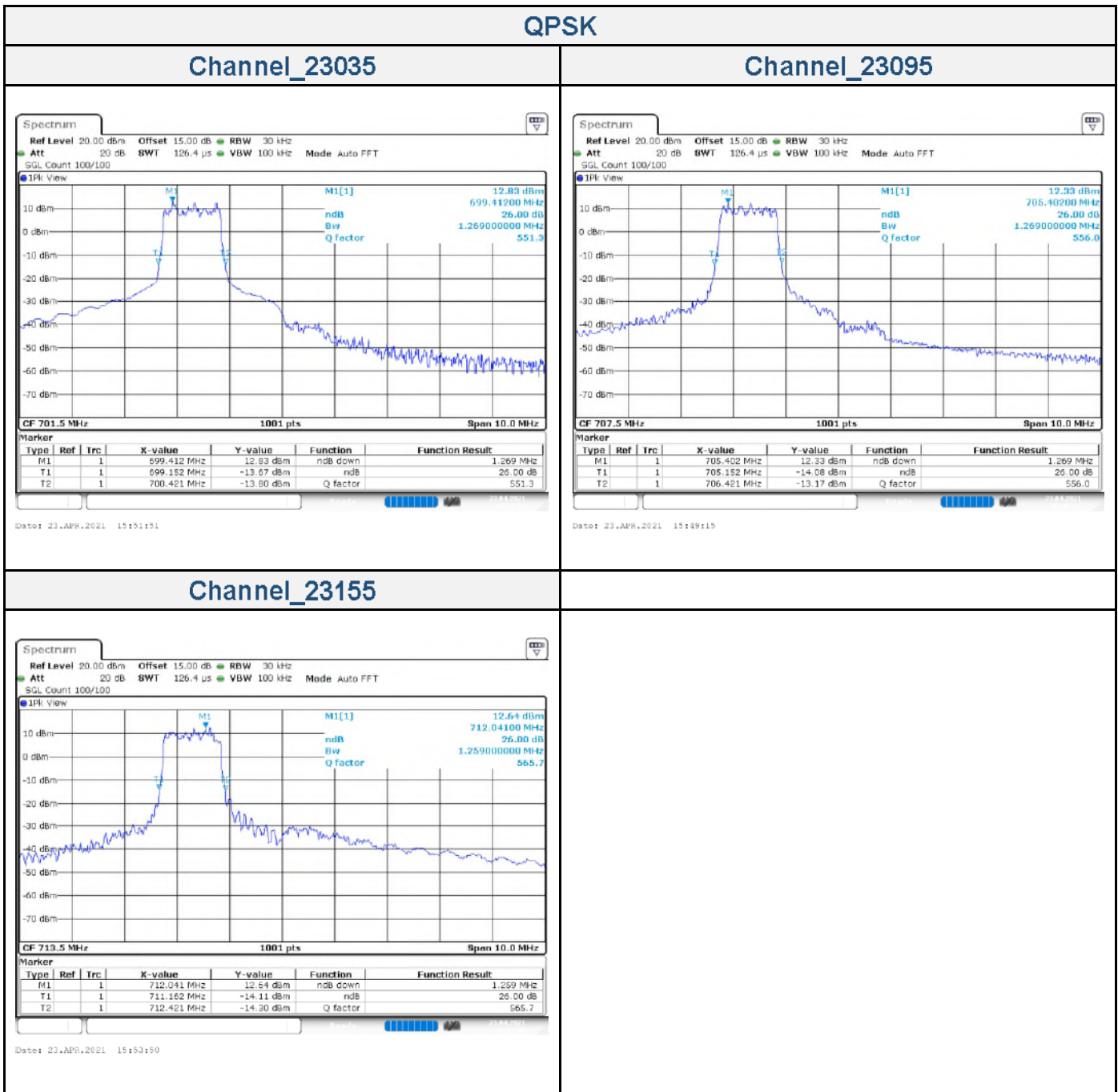


Channel_23165



LTE Band 12 _ Channel Bandwidth: 5 MHz

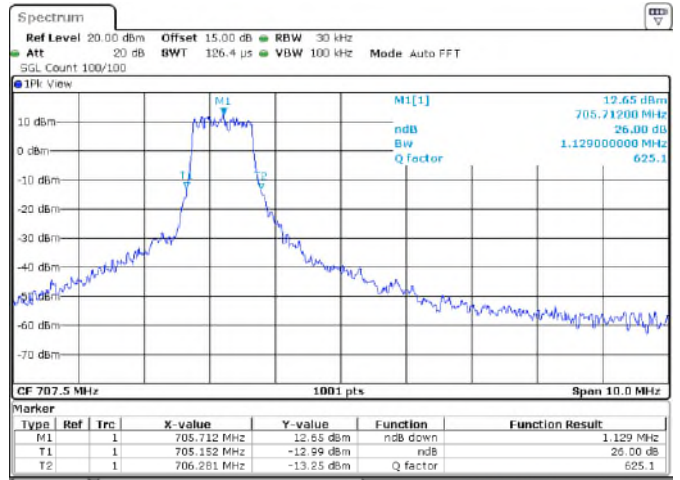
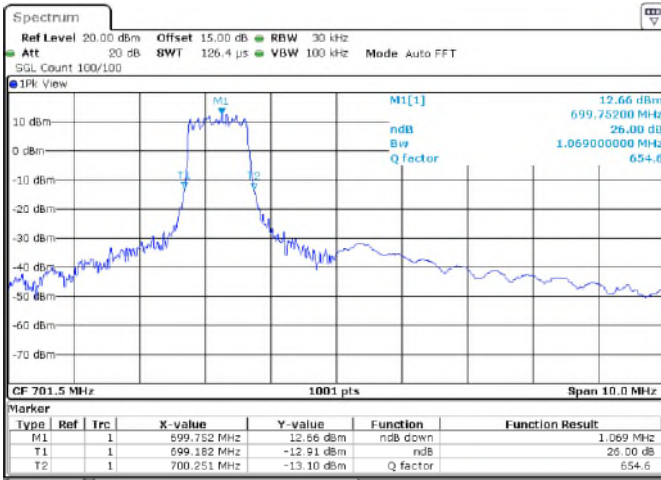
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	
		QPSK	16QAM
23035	701.5	1.27	1.07
23095	707.5	1.27	1.13
23155	713.5	1.26	1.07



16QAM

Channel_23035

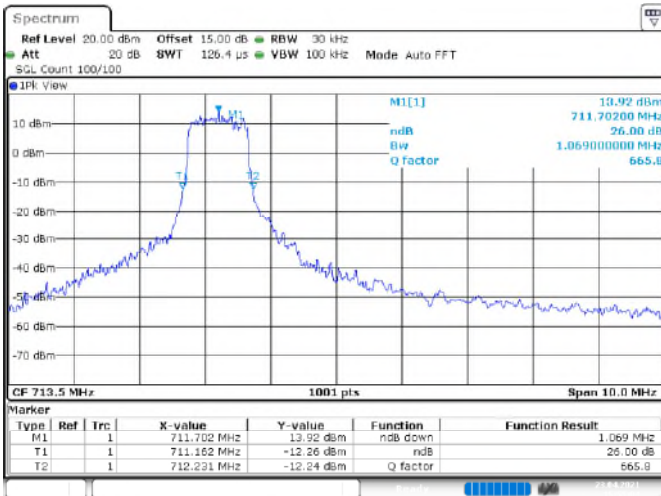
Channel_23095



Date: 23.APR.2021 15:51:23

Date: 23.APR.2021 15:50:20

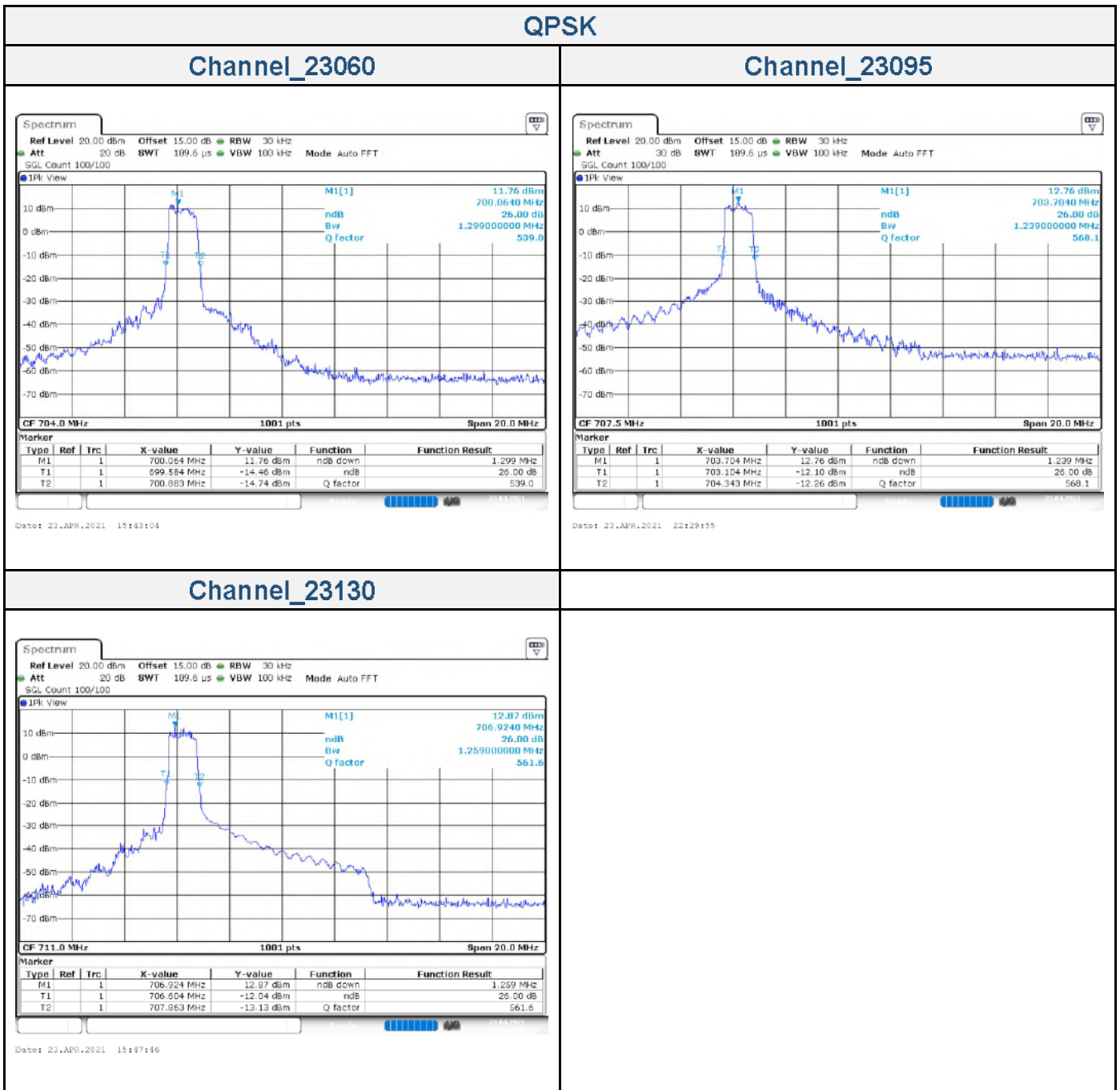
Channel_23155



Date: 23.APR.2021 15:55:05

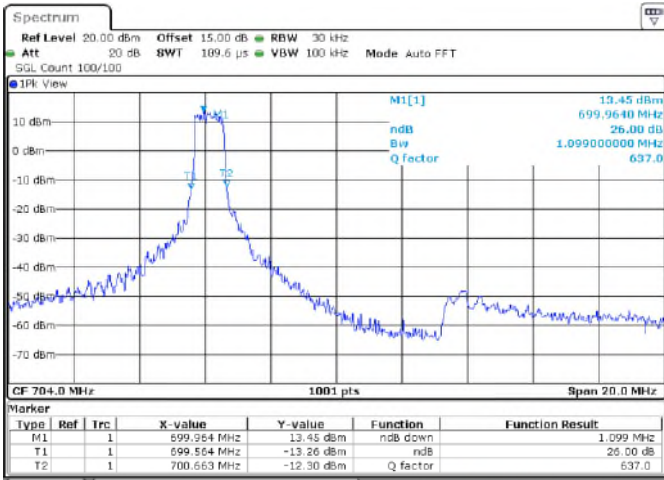
LTE Band 12 _ Channel Bandwidth: 10 MHz

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	
		QPSK	16QAM
23060	704.0	1.30	1.10
23095	707.5	1.24	1.08
23130	711.0	1.26	1.06



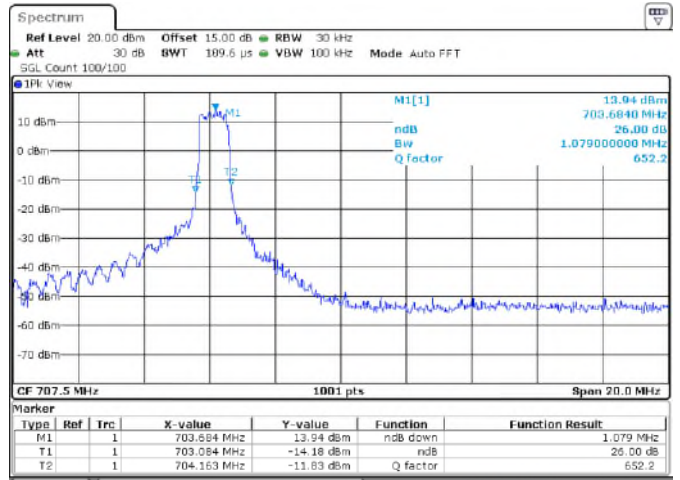
16QAM

Channel_23060



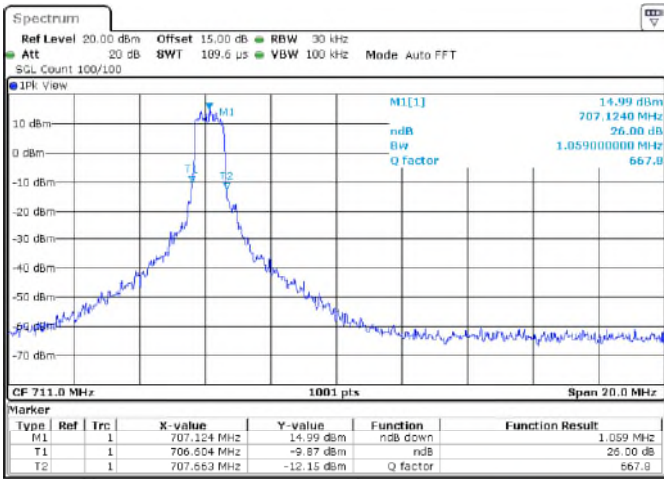
Date: 23.APR.2021 15:44:10

Channel_23095



Date: 23.APR.2021 22:31:41

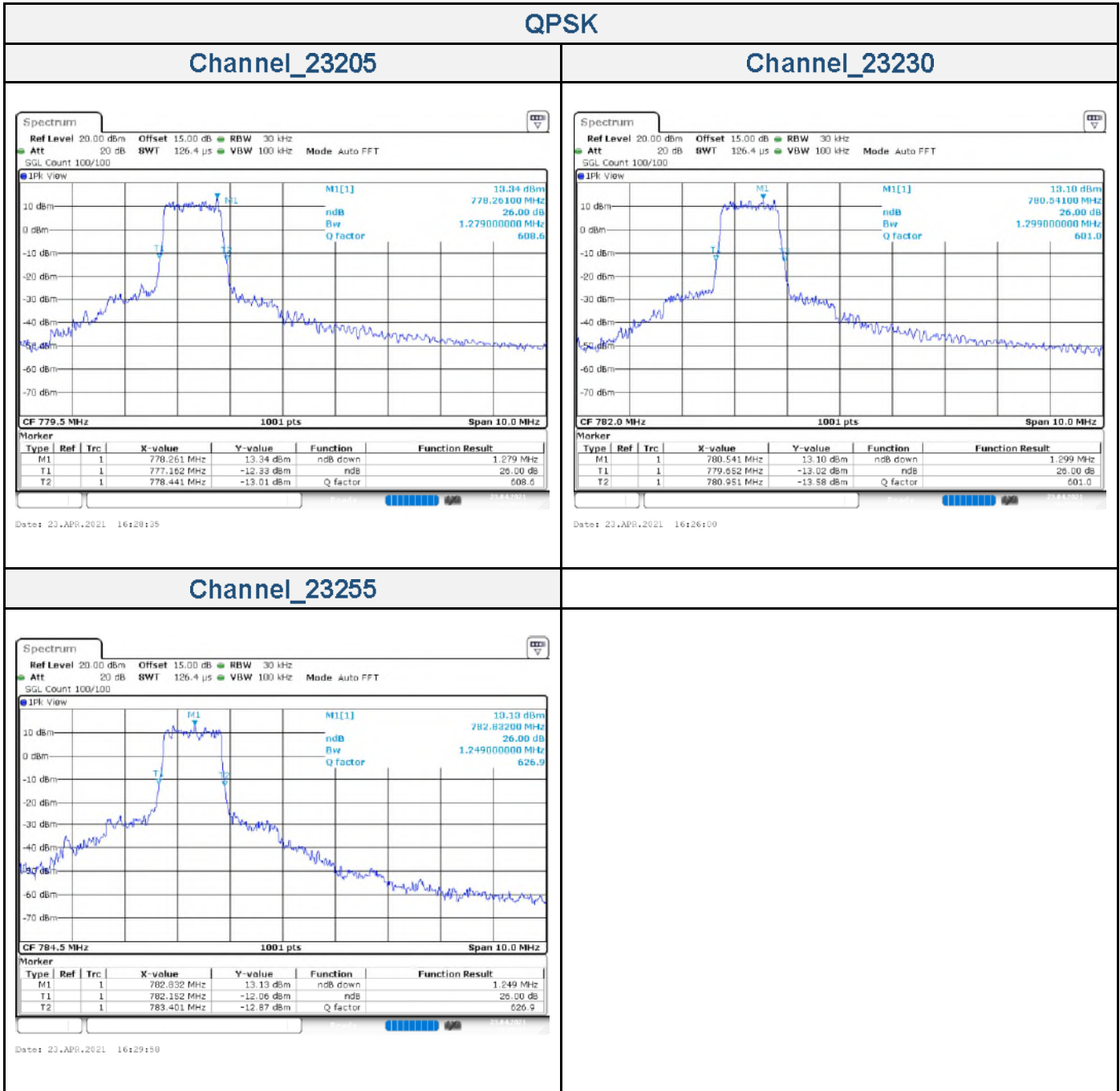
Channel_23130



Date: 23.APR.2021 15:47:10

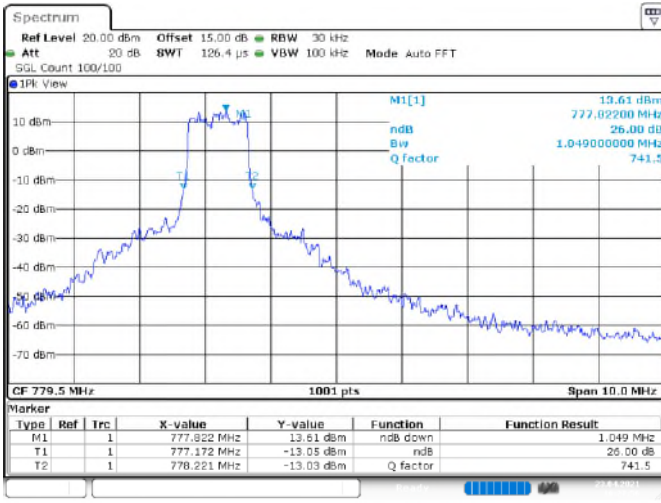
LTE Band 13 _ Channel Bandwidth: 5 MHz

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	
		QPSK	16QAM
23205	779.5	1.28	1.05
23230	782	1.30	1.05
23255	784.5	1.25	1.07



16QAM

Channel_23205



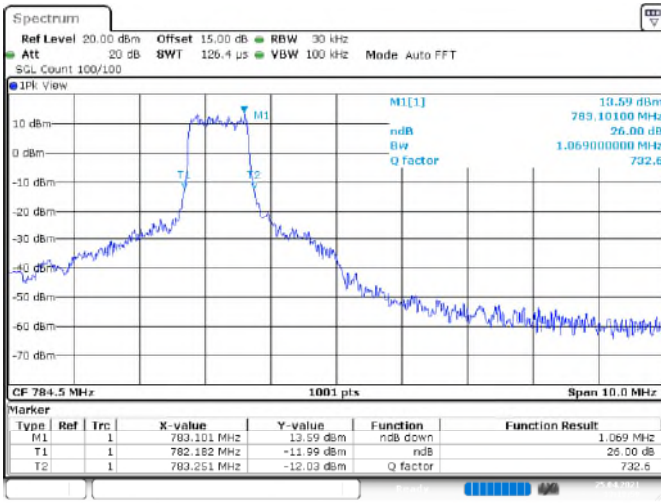
Date: 23.APR.2021 16:27:57

Channel_23230



Date: 23.APR.2021 16:26:44

Channel_23255



Date: 25.APR.2021 13:18:59

LTE Band 13 _ Channel Bandwidth: 10 MHz

Channel	Frequency (MHz)	Index	26 dB Bandwidth (MHz)	
			QPSK	16QAM
23230	782	0	1.32	1.06
		3	1.22	1.12
		7	1.26	1.10

