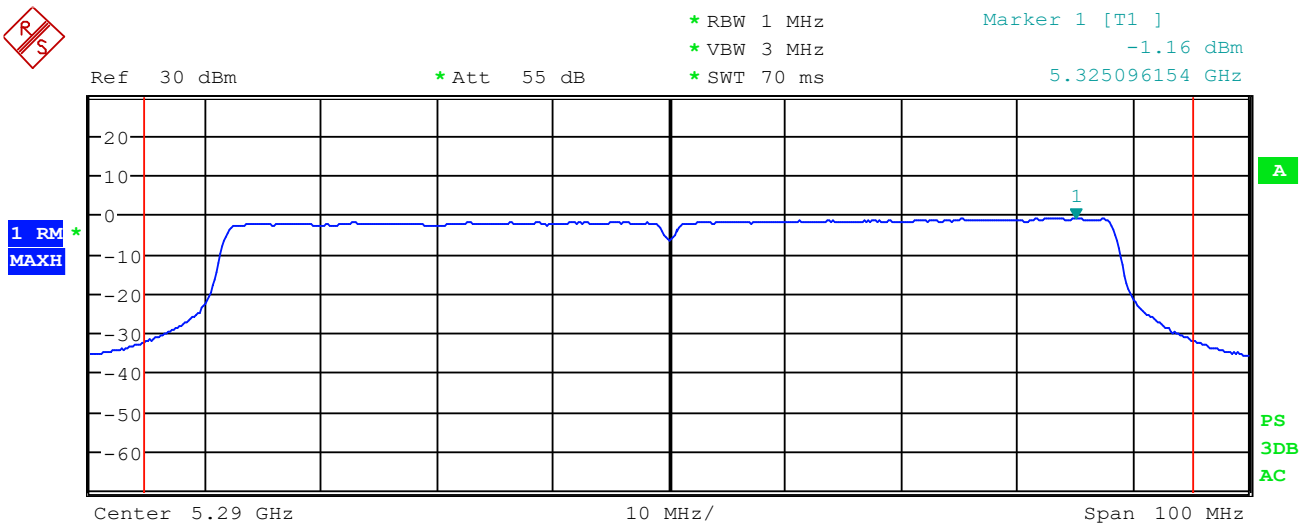
UNII 2A, Port 1: HT80 (Beamforming)

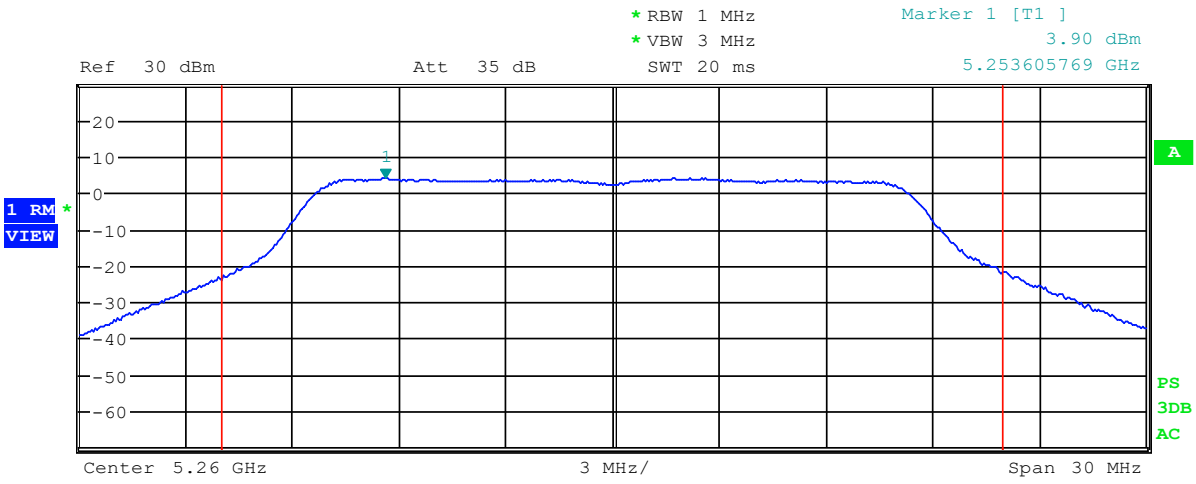


Tx Channel

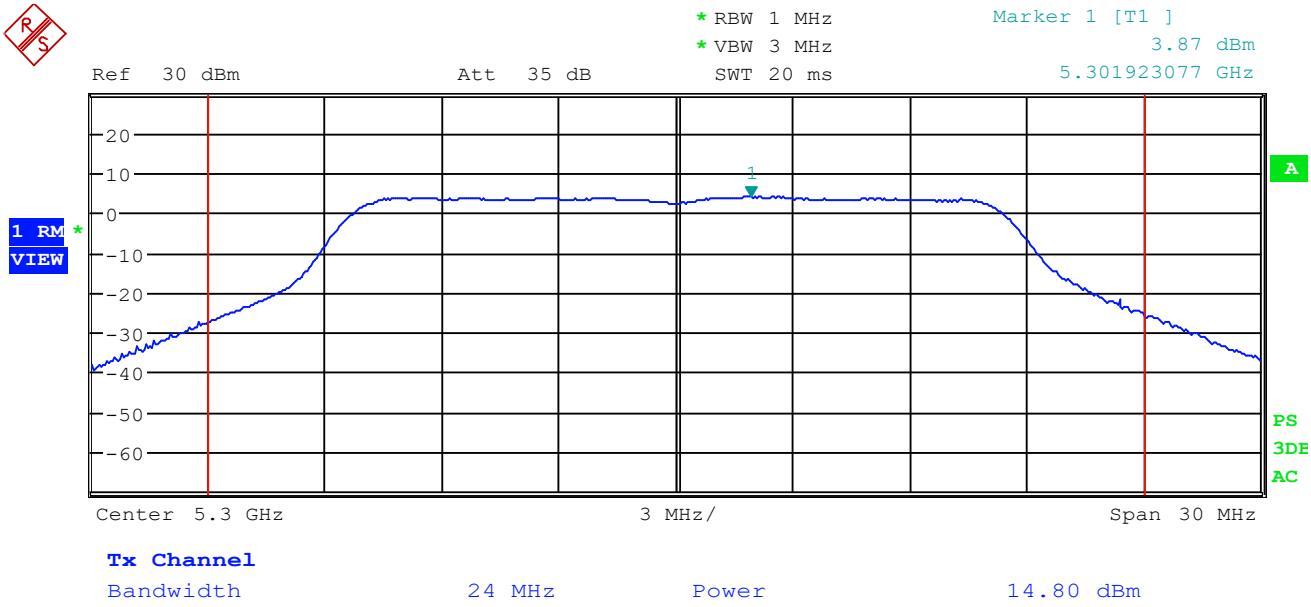
Bandwidth	90.5 MHz	Power	15.93 dBm

RF OUTPUT POWER UNII 2A Port 2 (Lower Power for Beamforming Mode)									
Modulation: OFDM									
Channel	Frequency (MHz) / Power Setting	Measured Power		Limit		E.I.R.P.		Limit	
		mW	dBm	mW	dBm	mW	dBm	E.I.R.P (mW)	E.I.R.P (dBm)
Low	5260 (16)	29.65	14.72	200	23	148.59	21.72	1000	30
Mid	5300 (16)	30.20	14.80	200	23	151.36	21.80	1000	30
High	5320 (16)	29.65	14.72	200	23	148.59	21.72	1000	30
Modulation: HT20									
Channel	Frequency (MHz) / Power Setting	Measured Power		Limit		E.I.R.P.		Limit	
		mW	dBm	mW	dBm	mW	dBm	E.I.R.P (mW)	E.I.R.P (dBm)
Low	5260 (16)	32.28	15.09	200	23	161.81	22.09	1000	30
Mid	5300 (16)	30.00	14.77	200	23	150.31	21.77	1000	30
High	5320 (16)	30.34	14.82	200	23	152.05	21.82	1000	30
Modulation: NON HT40									
Channel	Frequency (MHz) / Power Setting	Measured Power		Limit		E.I.R.P.		Limit	
		mW	dBm	mW	dBm	mW	dBm	E.I.R.P (mW)	E.I.R.P (dBm)
Low	5270 (17)	43.75	16.41	200	23	219.28	23.41	1000	30
High	5310 (16.5)	40.18	16.04	200	23	201.37	23.04	1000	30
Modulation: HT40									
Channel	Frequency (MHz) / Power Setting	Measured Power		Limit		E.I.R.P.		Limit	
		mW	dBm	mW	dBm	mW	dBm	E.I.R.P (mW)	E.I.R.P (dBm)
Low	5270 (17)	42.17	16.25	200	23	211.34	23.25	1000	30
High	5310 (16.5)	38.19	15.82	200	23	191.42	22.82	1000	30
Modulation: HT80									
Channel	Frequency (MHz) / Power Setting	Measured Power		Limit		E.I.R.P.		Limit	
		mW	dBm	mW	dBm	mW	dBm	E.I.R.P (mW)	E.I.R.P (dBm)
Mid	5290 (17)	39.63	15.98	200	23	198.60	22.98	1000	30

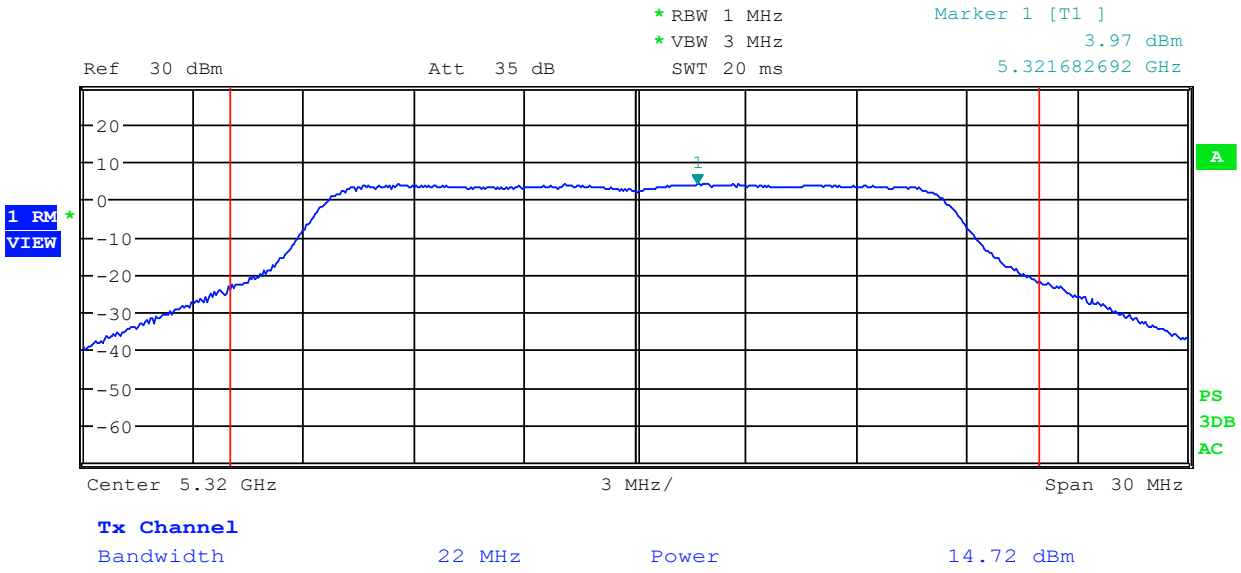
UNII 2A, Port 2: OFDM, Low Channel (Beamforming)



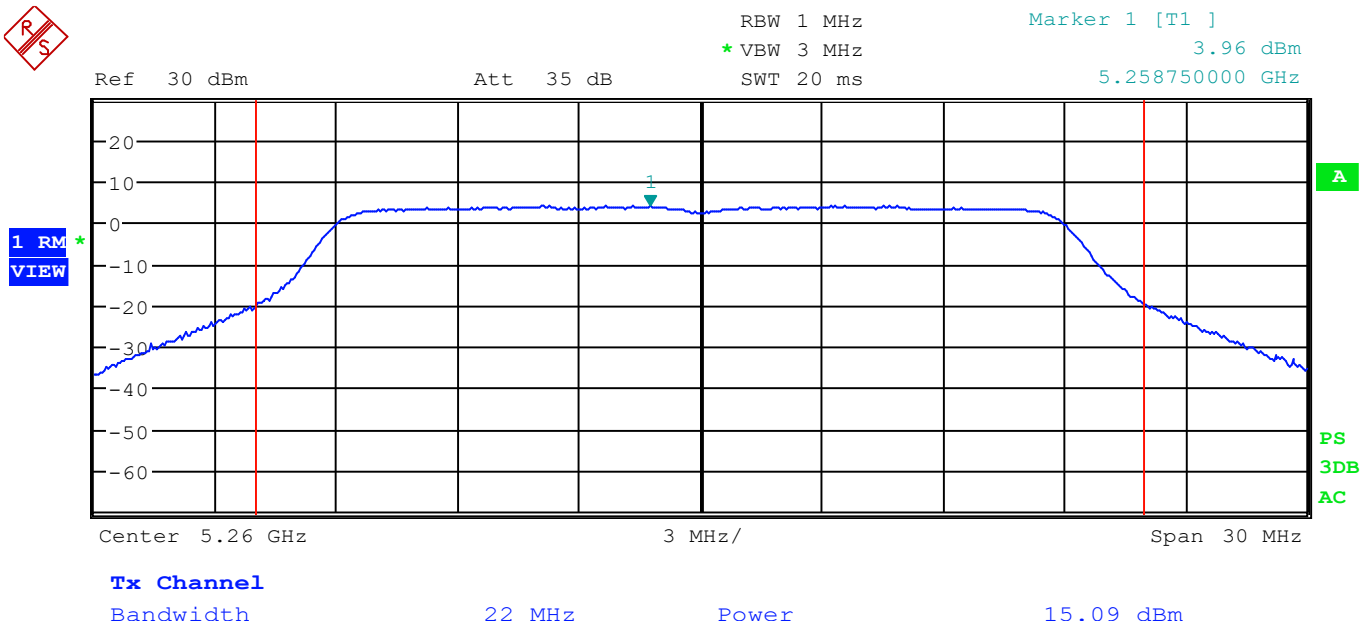
UNII 2A, Port 2: OFDM, Mid Channel (Beamforming)



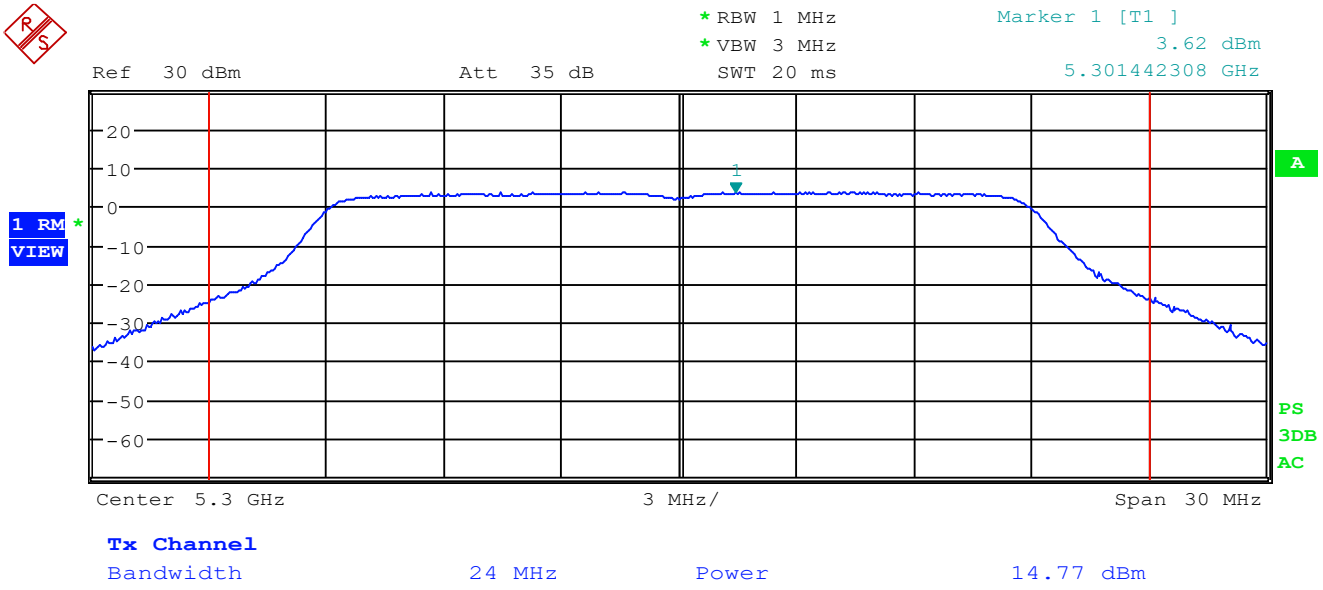
UNII 2A, Port 2: OFDM, High Channel (Beamforming)



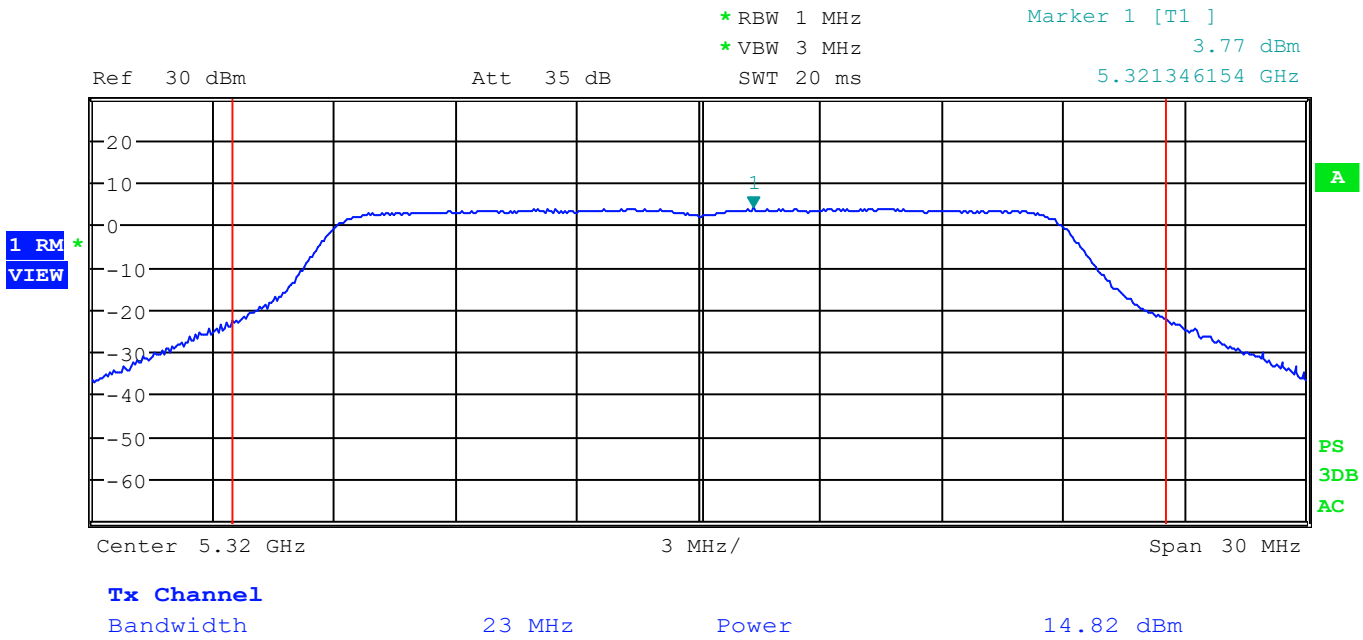
UNII 2A, Port 2: HT20, Low Channel (Beamforming)



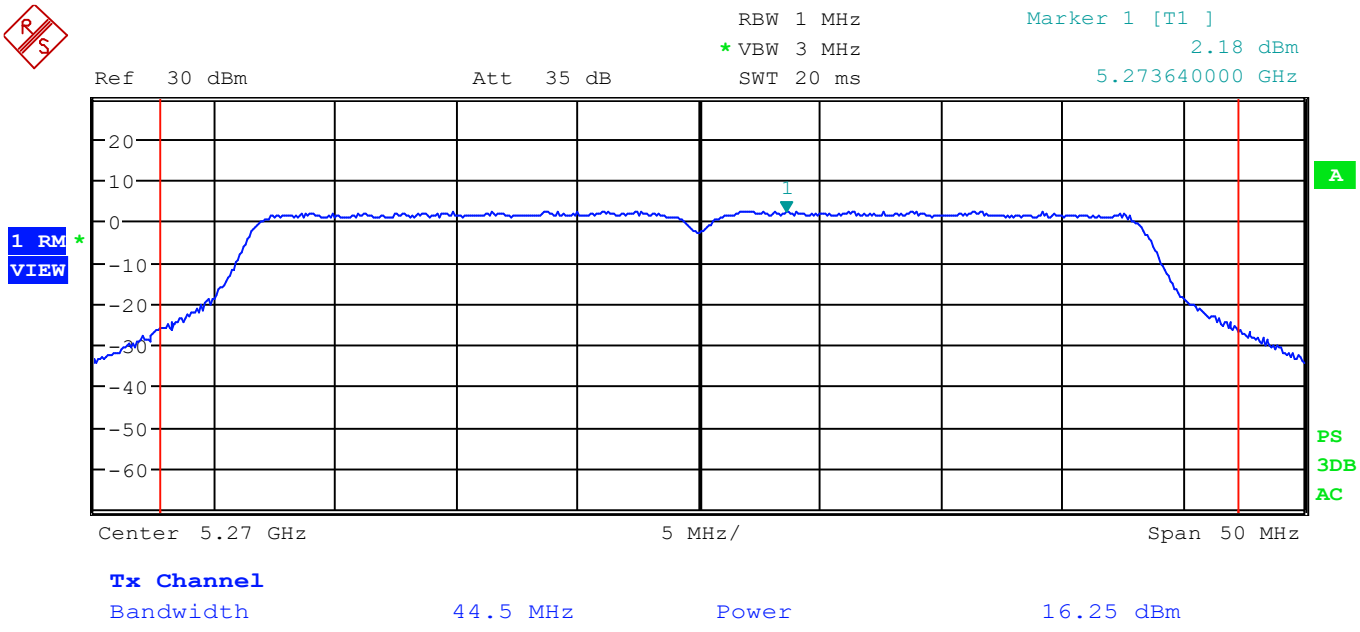
UNII 2A, Port 2: HT20, Mid Channel (Beamforming)



UNII 2A, Port 2: HT20, High Channel (Beamforming)



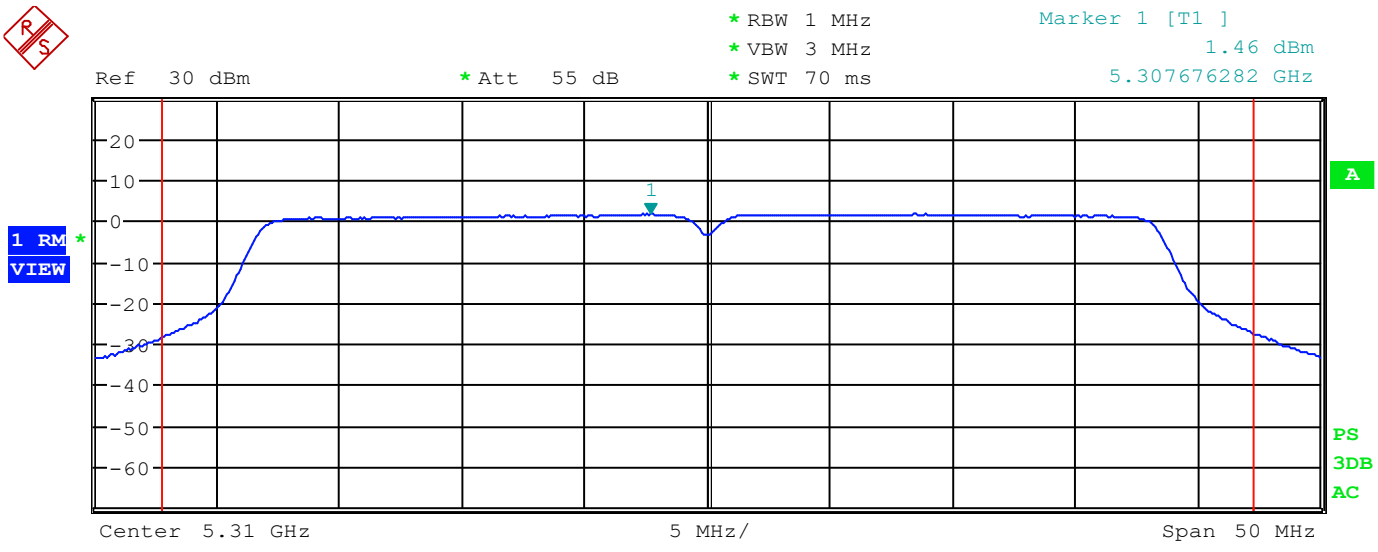
UNII 2A, Port 2: HT40, Low Channel (Beamforming)



Tx Channel

Bandwidth	44.5 MHz	Power	16.25 dBm

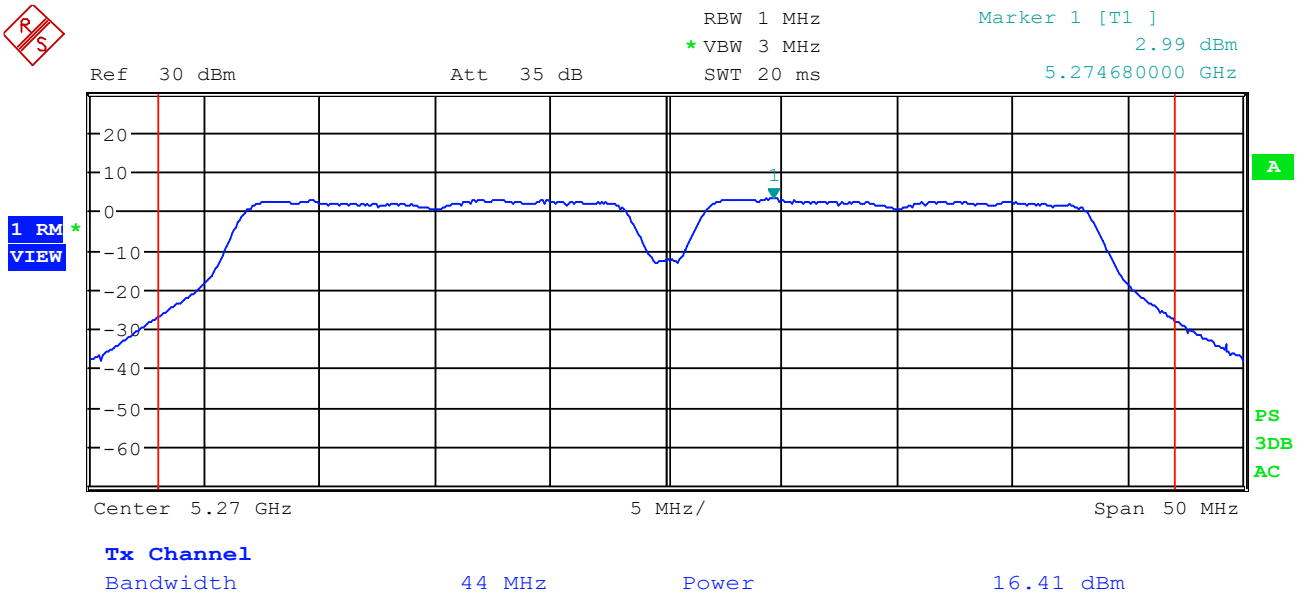
UNII 2A, Port 2: HT40, High Channel (Beamforming)



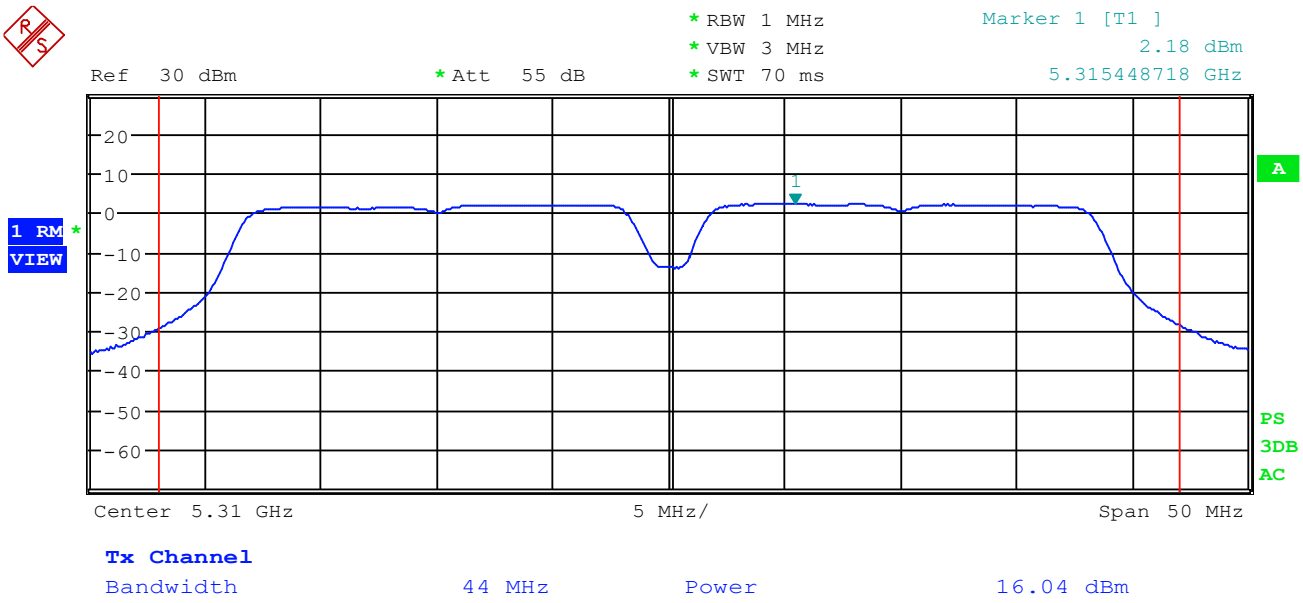
Tx Channel

Bandwidth	44.5 MHz	Power	15.82 dBm

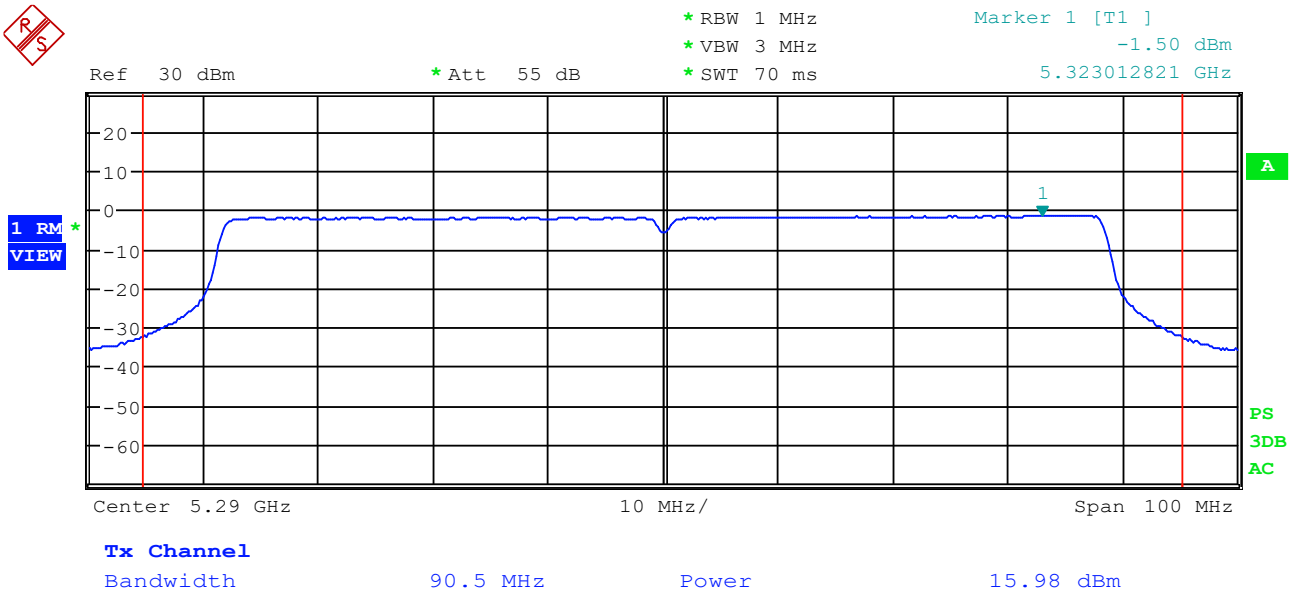
UNII 2A, Port 2: non HT40, Low Channel (Beamforming)



UNII 2A, Port 2: non HT40, High Channel (Beamforming)



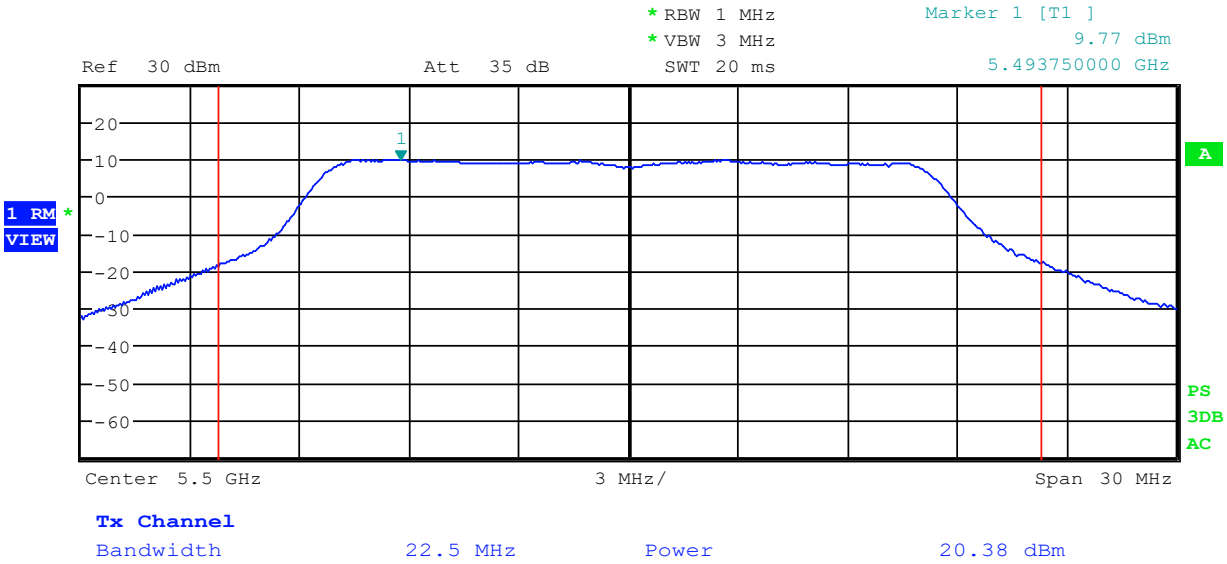
UNII 2A, Port 2: HT80 (Beamforming)



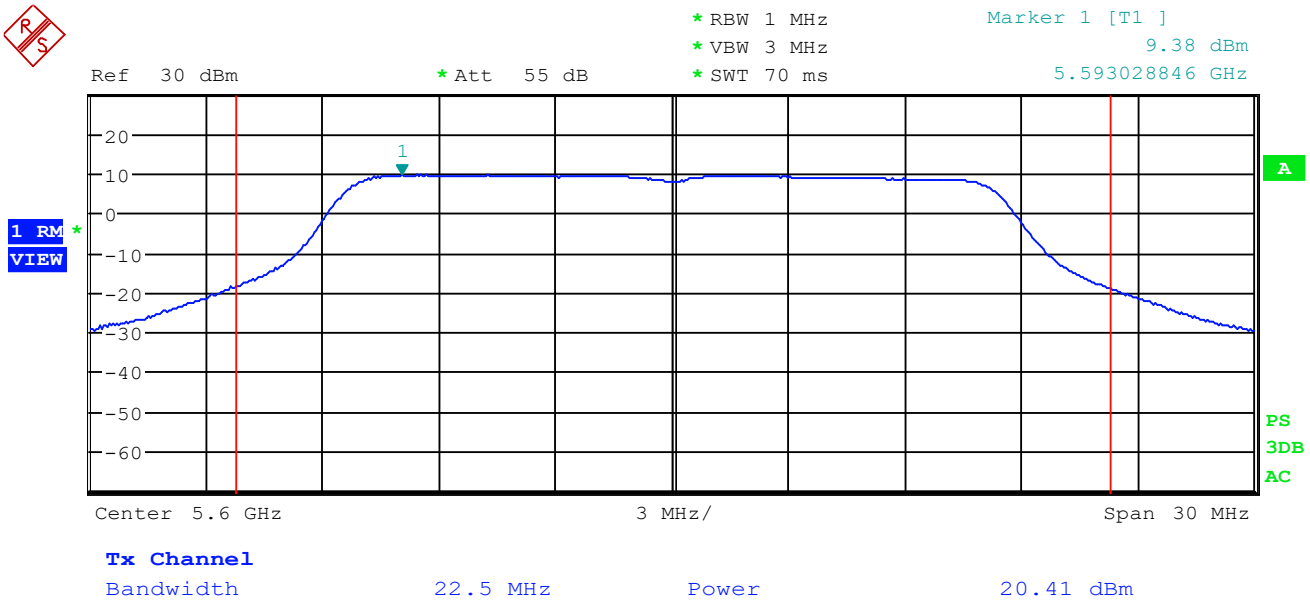
RF OUTPUT POWER UNII 2A SUMMING PORT 1 AND PORT 2 (Beamforming)										
Modulation: OFDM										
Frequency (MHz)	Measure and Sum (Summing port 1 and port 2)				Limit		E.I.R.P.		Limit	
	Port 1 mW	Port 2 mW	Summed mW	Summed dBm	mW	dBm	mW	dBm	mW	dBm
5260	29.37	29.65	59.02	17.71	100	20	590.20	27.71	1000	30
5300	27.61	30.20	57.81	17.62	100	20	578.10	27.62	1000	30
5320	28.31	29.65	57.96	17.63	100	20	579.43	27.63	1000	30
Modulation: HT20										
Frequency (MHz)	Measure and Sum (Summing port 1 and port 2)				Limit		E.I.R.P.		Limit	
	Port 1 mW	Port 2 mW	Summed mW	Summed dBm	mW	dBm	mW	dBm	mW	dBm
5260	30.27	32.28	62.55	17.96	100	20	625.17	27.96	1000	30
5300	27.48	30.00	57.48	17.60	100	20	575.44	27.60	1000	30
5320	29.65	30.34	59.99	17.78	100	20	599.79	27.78	1000	30
Modulation: non HT40										
Frequency (MHz)	Measure and Sum (Summing port 1 and port 2)				Limit		E.I.R.P.		Limit	
	Port 1 mW	Port 2 mW	Summed mW	Summed dBm	mW	dBm	mW	dBm	mW	dBm
5270	40.83	43.75	84.58	19.27	100	20	845.27	29.27	1000	30
5310	35.70	40.18	75.88	18.80	100	20	758.57	28.80	1000	30
Modulation: HT40										
Frequency (MHz)	Measure and Sum (Summing port 1 and port 2)				Limit		E.I.R.P.		Limit	
	Port 1 mW	Port 2 mW	Summed mW	Summed dBm	mW	dBm	mW	dBm	mW	dBm
5270	41.30	42.17	83.47	19.21	100	20	833.68	29.21	1000	30
5310	37.32	38.19	75.51	18.78	100	20	755.09	28.78	1000	30
Modulation: HT80										
Frequency (MHz)	Measure and Sum (Summing port 1 and port 2)				Limit		E.I.R.P.		Limit	
	Port 1 mW	Port 2 mW	Summed mW	Summed dBm	mW	dBm	mW	dBm	mW	dBm
5290	39.17	39.63	78.8	18.96	100	20	787.04	28.96	1000	30

RF OUTPUT POWER UNII 2C Port 1 (Non-Beamforming Mode)									
Modulation: OFDM									
Channel	Frequency (MHz) / Power Setting	Measured Power		Limit		E.I.R.P.		Limit	
		mW	dBm	mW	dBm	mW	dBm	E.I.R.P (mW)	E.I.R.P (dBm)
Low	5500 (21)	109.14	20.38	200	23	547.01	27.38	1000	30
Mid	5600 (21)	109.90	20.41	200	23	550.80	27.41	1000	30
High	5700 (21)	104.71	20.20	200	23	524.80	27.20	1000	30
Modulation: HT20									
Channel	Frequency (MHz) / Power Setting	Measured Power		Limit		E.I.R.P.		Limit	
		mW	dBm	mW	dBm	mW	dBm	E.I.R.P (mW)	E.I.R.P (dBm)
Low	5500 (21)	109.14	20.38	200	23	547.01	27.38	1000	30
Mid	5600 (21)	114.29	20.58	200	23	572.79	27.58	1000	30
High	5700 (21)	103.75	20.16	200	23	519.99	27.16	1000	30
Modulation: NON HT40									
Channel	Frequency (MHz) / Power Setting	Measured Power		Limit		E.I.R.P.		Limit	
		mW	dBm	mW	dBm	mW	dBm	E.I.R.P (mW)	E.I.R.P (dBm)
Low	5510 (24)	191.87	22.83	200	23	961.61	29.83	1000	30
Mid	5590 (24)	181.55	22.59	200	23	909.91	29.59	1000	30
High	5690 (23)	156.31	21.94	200	23	783.42	28.94	1000	30
Modulation: HT40									
Channel	Frequency (MHz) / Power Setting	Measured Power		Limit		E.I.R.P.		Limit	
		mW	dBm	mW	dBm	mW	dBm	E.I.R.P (mW)	E.I.R.P (dBm)
Low	5510 (23)	168.27	22.26	200	23	843.33	29.26	1000	30
Mid	5590 (24)	197.69	22.96	200	23	990.83	29.96	1000	30
High	5690 (23)	173.78	22.40	200	23	870.96	29.40	1000	30
Modulation: HT80									
Channel	Frequency (MHz) / Power Setting	Measured Power		Limit		E.I.R.P.		Limit	
		mW	dBm	mW	dBm	mW	dBm	E.I.R.P (mW)	E.I.R.P (dBm)
Low	5530 (24)	185.35	22.68	200	23	928.96	29.68	1000	30
Mid	5610 (24)	195.43	22.91	200	23	979.48	29.91	1000	30
High	5680 (24)	185.35	22.68	200	23	928.96	29.68	1000	30

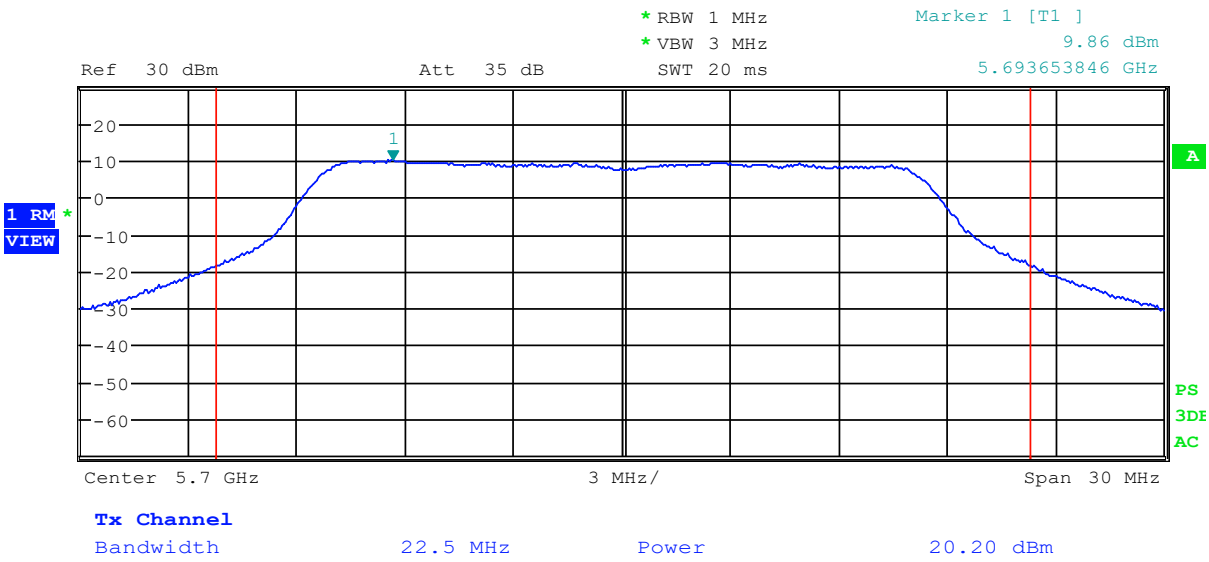
UNII 2C, Port 1: OFDM, Low Channel (Non-Beamforming)



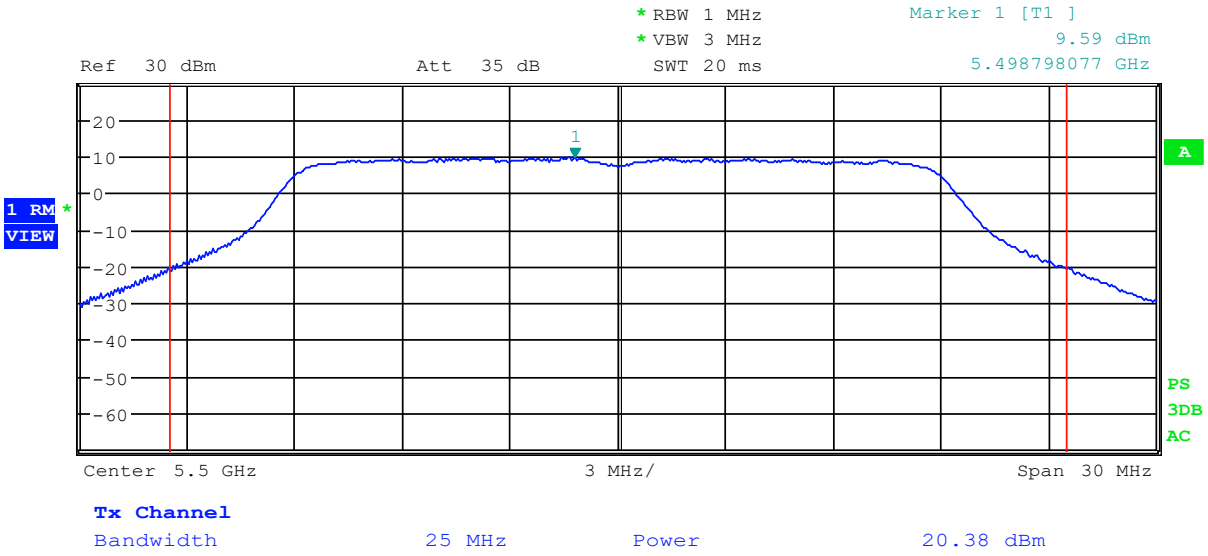
UNII 2C, Port 1: OFDM, Mid Channel (Non-Beamforming)



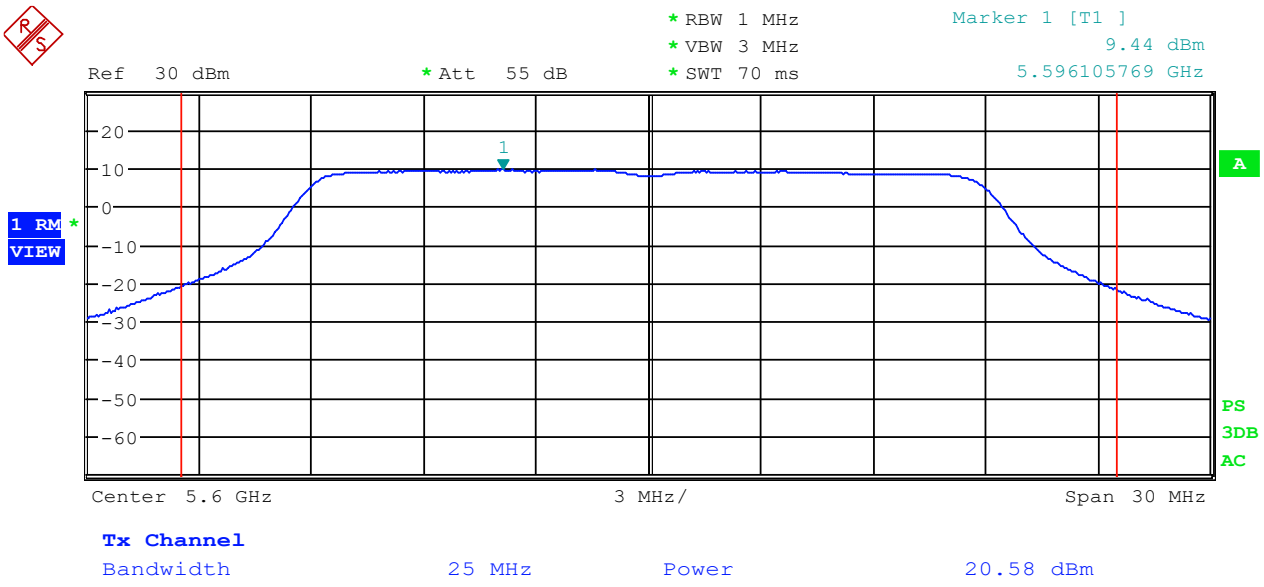
UNII 2C, Port 1: OFDM, High Channel (Non-beamforming)



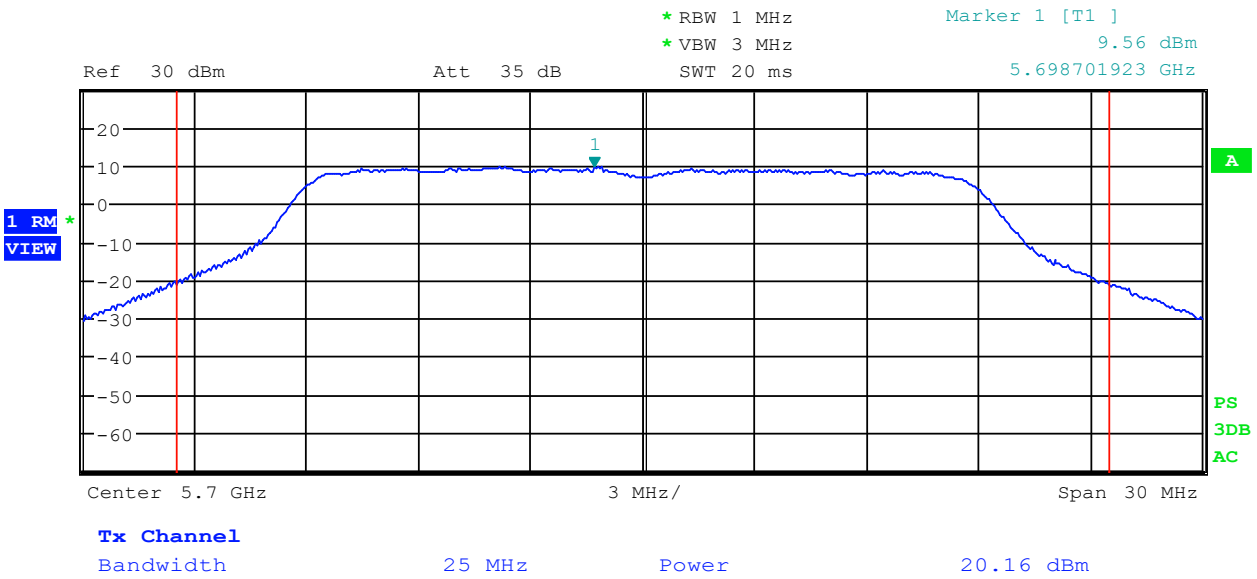
UNII 2C, Port 1: HT20, Low Channel (Non-beamforming)



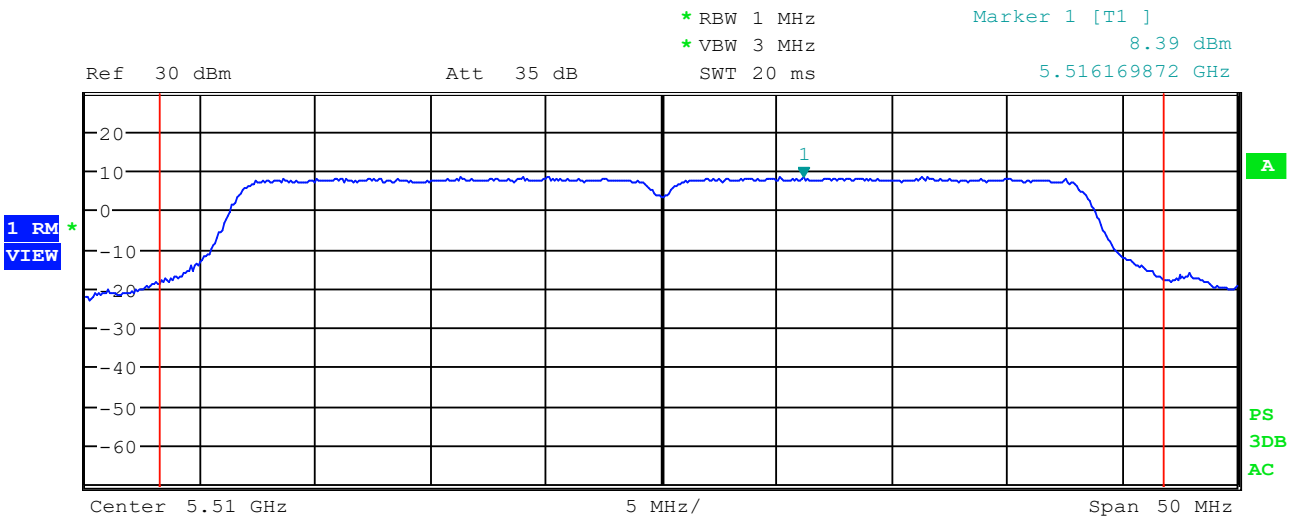
UNII 2C, Port 1: HT20, Mid Channel (Non-Beamforming)



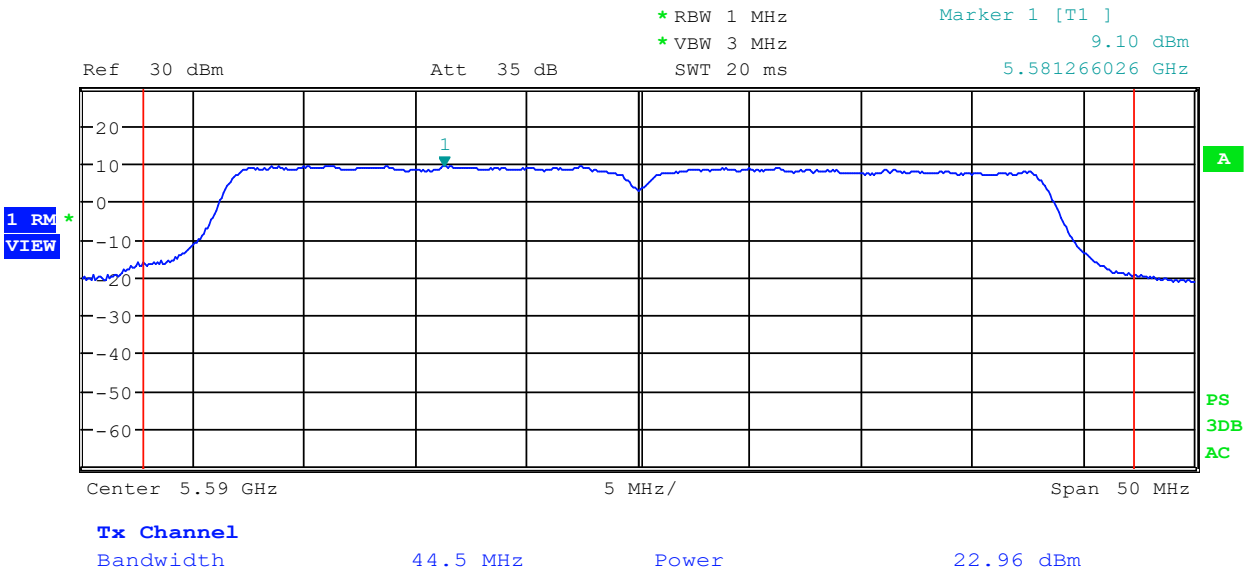
UNII 2C, Port 1: HT20, High Channel (Non-beamforming)



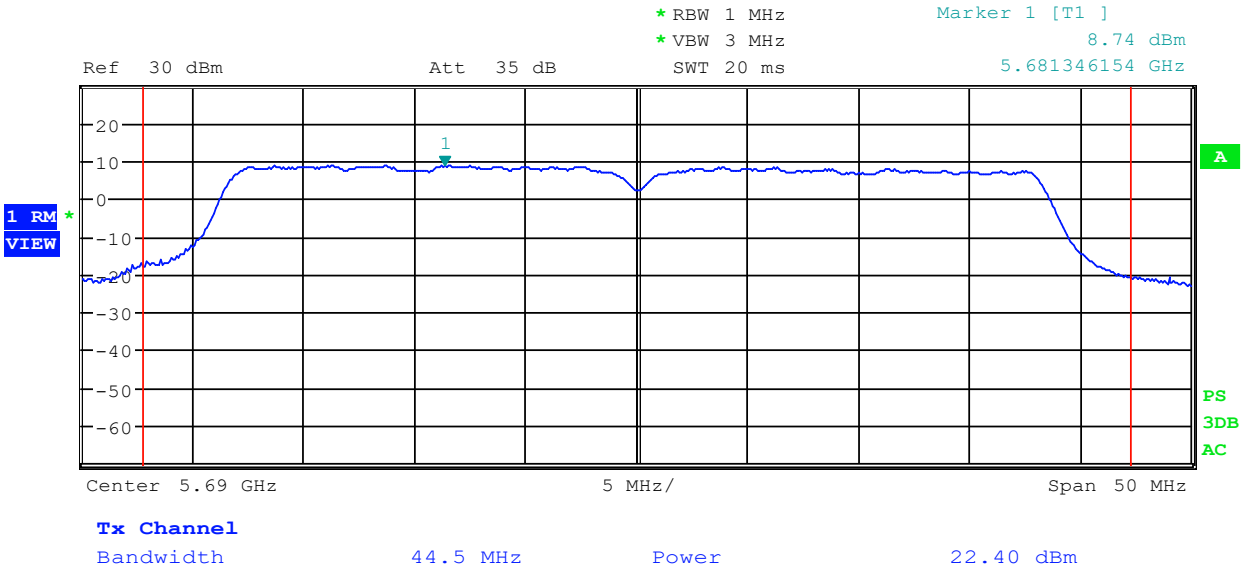
UNII 2C, Port 1: HT40, Low Channel (Non-beamforming)



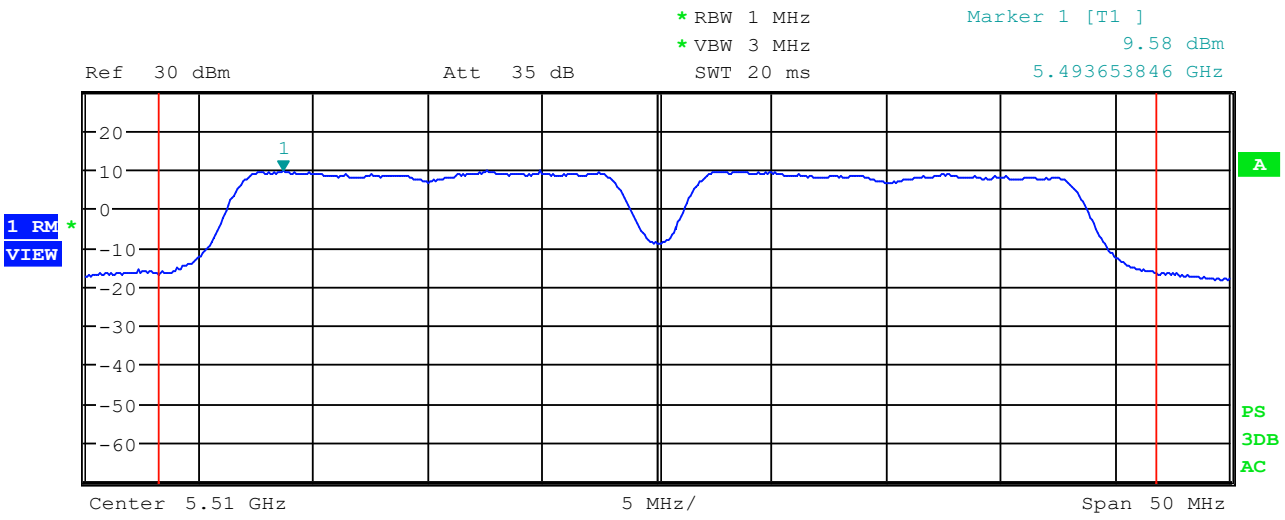
UNII 2C, Port 1: HT40, Mid Channel (Non-Beamforming)



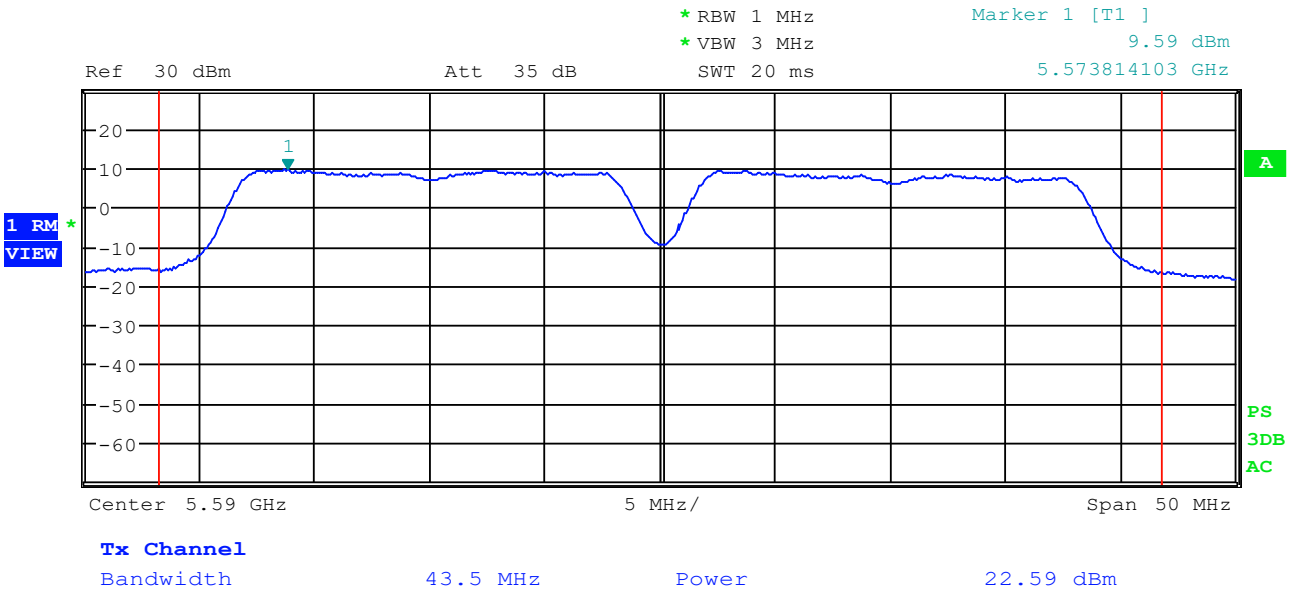
UNII 2C, Port 1: HT40, High Channel (Non-beamforming)



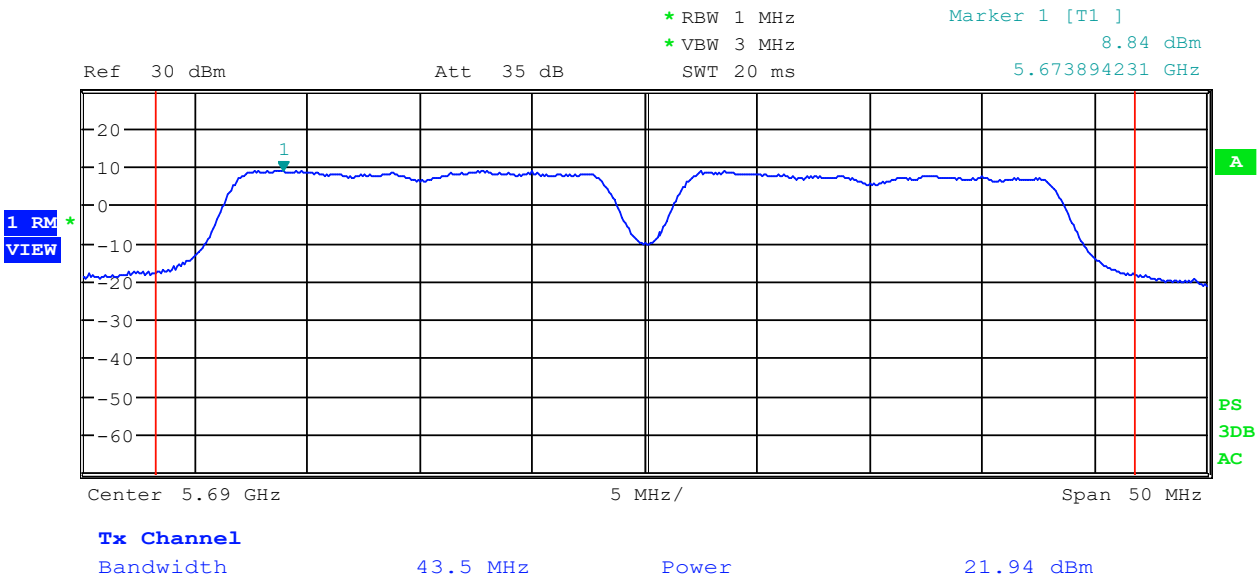
UNII 2C, Port 1: non HT40, Low Channel (Non-beamforming)



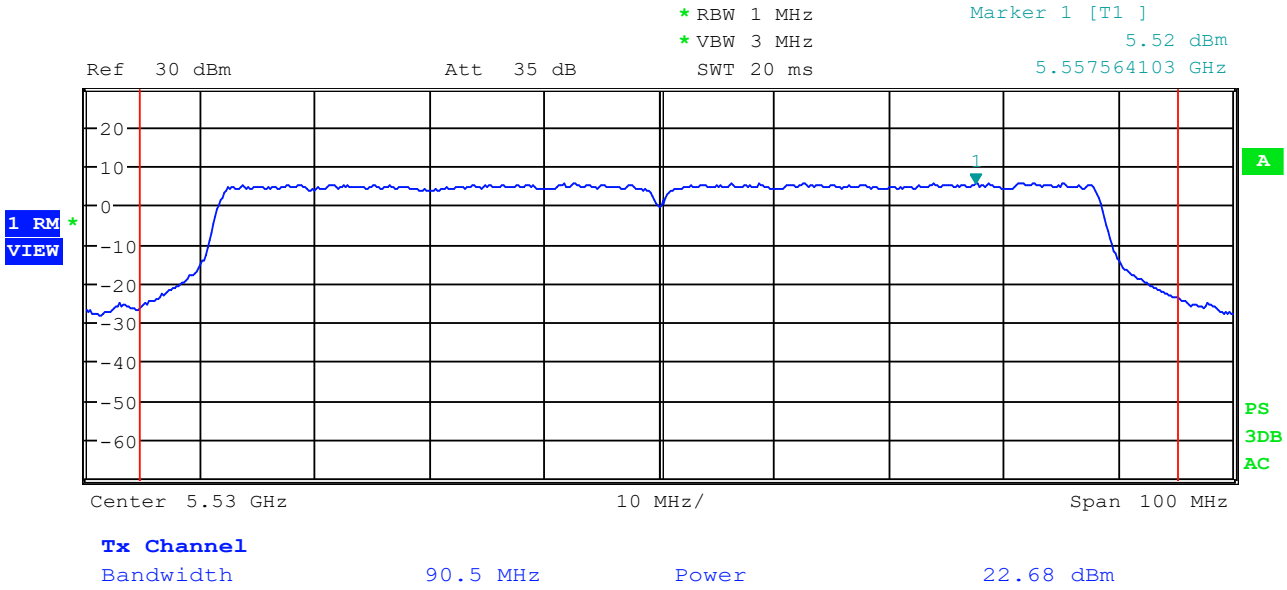
UNII 2C, Port 1: non HT40, Mid Channel (Non-Beamforming)



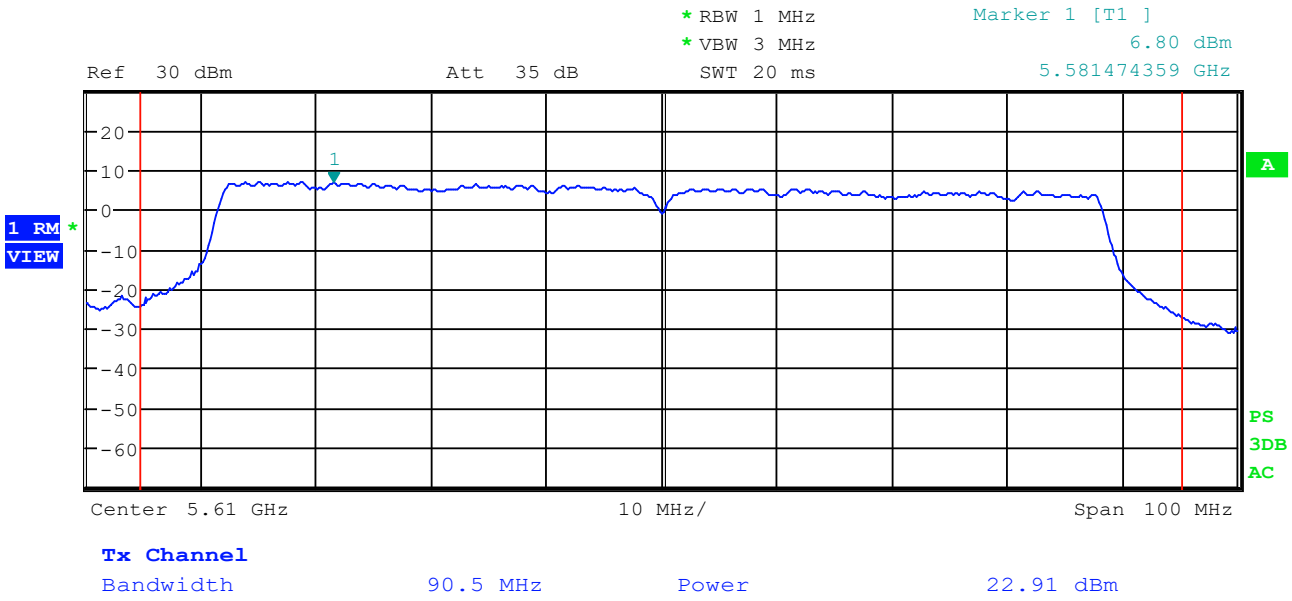
UNII 2C, Port 1: non HT40, High Channel (Non-beamforming)



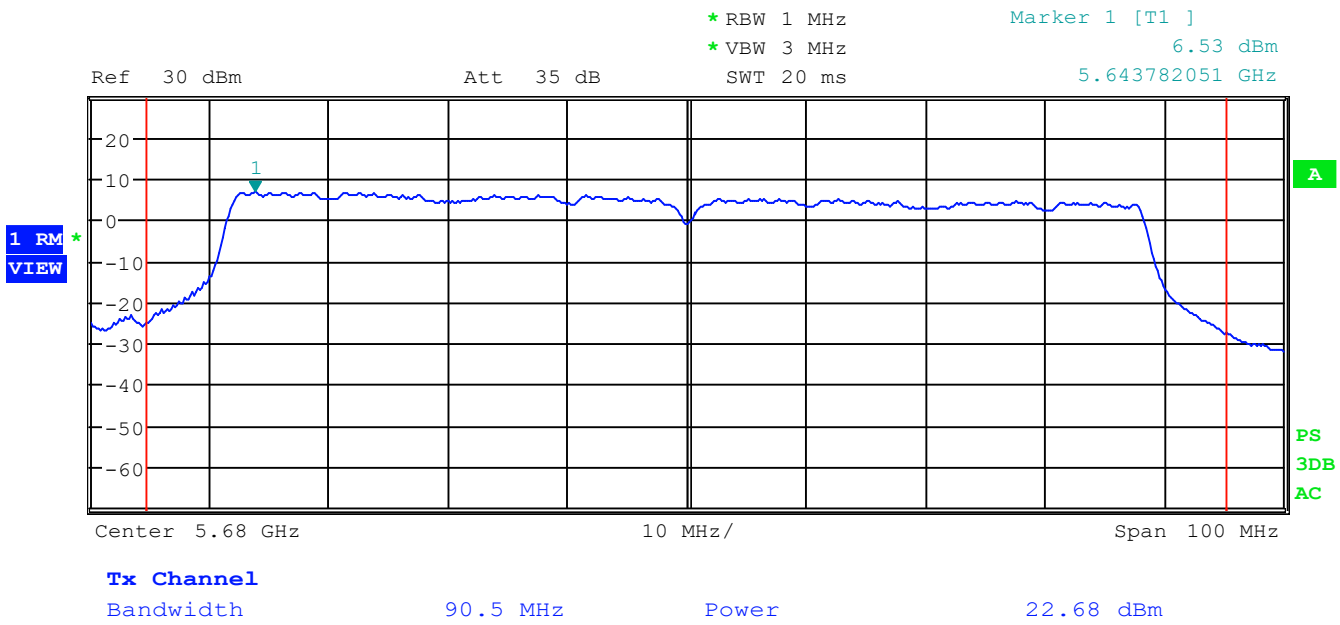
UNII 2C, Port 1: HT80, Low Channel (Non-beamforming)



UNII 2C, Port 1: HT80, Mid Channel (Non-Beamforming)

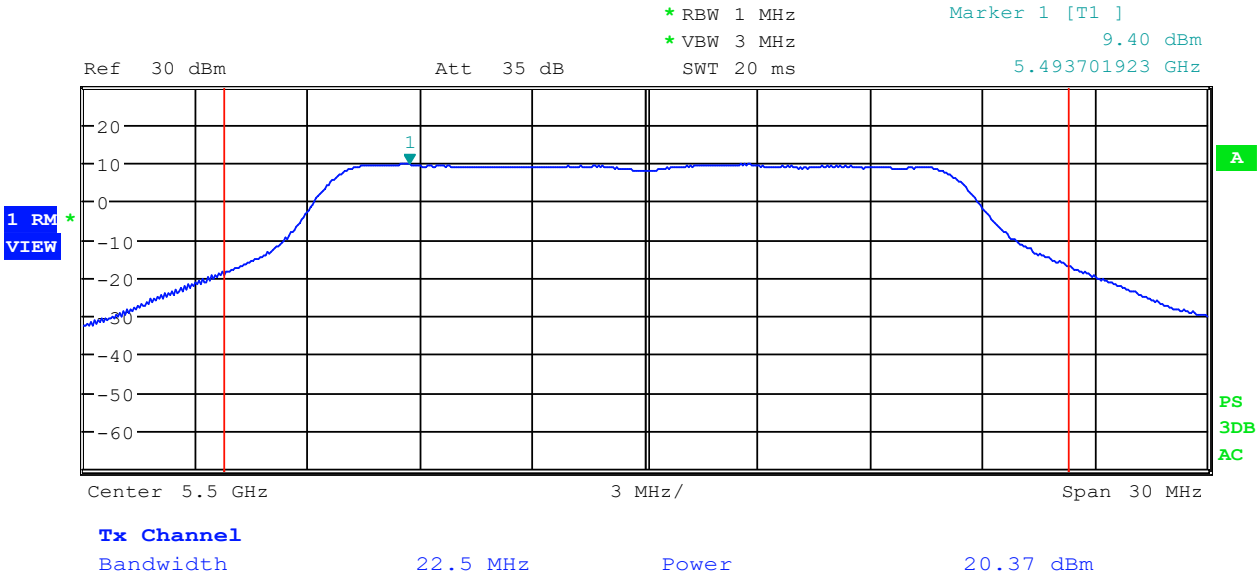


UNII 2C, Port 1: HT80, High Channel (Non-beamforming)

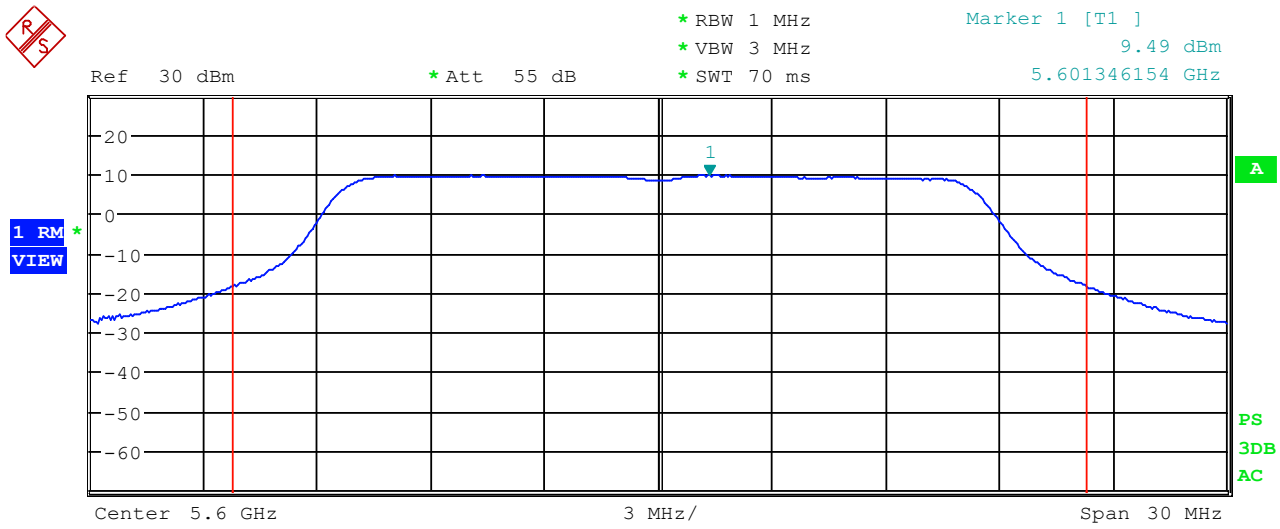


RF OUTPUT POWER UNII 2C Port 2 (Non-Beamforming Mode)									
Modulation: OFDM									
Channel	Frequency (MHz) / Power Setting	Measured Power		Limit		E.I.R.P.		Limit	
		mW	dBm	mW	dBm	mW	dBm	E.I.R.P (mW)	E.I.R.P (dBm)
Low	5500 (15)	108.89	20.37	200	23	545.75	27.37	1000	30
Mid	5600 (21)	114.28	20.58	200	23	572.79	27.58	1000	30
High	5700 (15)	99.08	19.96	200	23	496.59	26.96	1000	30
Modulation: HT20									
Channel	Frequency (MHz) / Power Setting	Measured Power		Limit		E.I.R.P.		Limit	
		mW	dBm	mW	dBm	mW	dBm	E.I.R.P (mW)	E.I.R.P (dBm)
Low	5500 (16)	109.14	20.38	200	23	547.01	27.38	1000	30
Mid	5600 (21)	115.60	20.63	200	23	579.42	27.63	1000	30
High	5700 (15)	104.71	20.20	200	23	488.65	27.20	1000	30
Modulation: NON HT40									
Channel	Frequency (MHz) / Power Setting	Measured Power		Limit		E.I.R.P.		Limit	
		mW	dBm	mW	dBm	mW	dBm	E.I.R.P (mW)	E.I.R.P (dBm)
Low	5510 (15)	192.75	22.85	200	23	966.05	29.85	1000	30
Mid	5590 (21)	189.67	22.78	200	23	950.60	29.78	1000	30
High	5690 (15)	145.88	21.64	200	23	731.13	28.64	1000	30
Modulation: HT40									
Channel	Frequency (MHz) / Power Setting	Measured Power		Limit		E.I.R.P.		Limit	
		mW	dBm	mW	dBm	mW	dBm	E.I.R.P (mW)	E.I.R.P (dBm)
Low	5510 (15)	174.18	22.41	200	23	872.97	29.41	1000	30
Mid	5590 (22)	189.23	22.77	200	23	948.41	29.77	1000	30
High	5690 (15)	160.69	22.06	200	23	805.37	29.06	1000	30
Modulation: HT80									
Channel	Frequency (MHz) / Power Setting	Measured Power		Limit		E.I.R.P.		Limit	
		mW	dBm	mW	dBm	mW	dBm	E.I.R.P (mW)	E.I.R.P (dBm)
Low	5530 (15)	185.35	22.68	200	23	928.96	29.68	1000	30
Mid	5610 (21)	173.38	22.39	200	23	868.96	29.39	1000	30
High	5690 (15)	175.39	22.44	200	23	879.02	29.44	1000	30

UNII 2C, Port 2: OFDM, Low Channel (Non-beamforming)



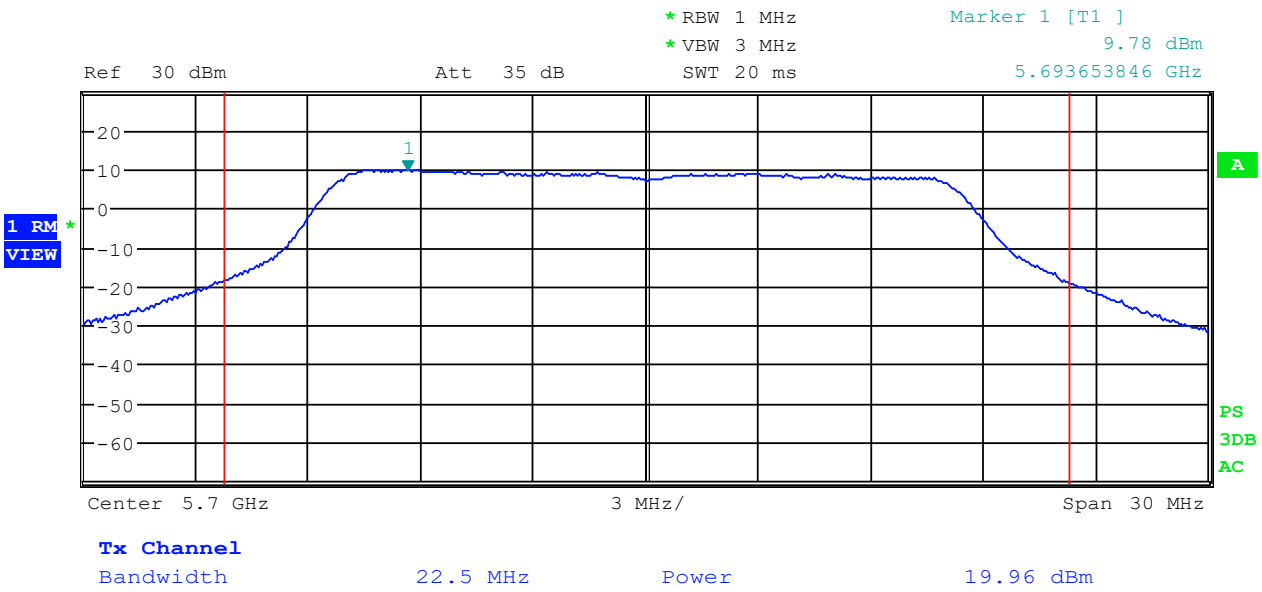
UNII 2C, Port 2: OFDM, Mid Channel (Non-Beamforming)



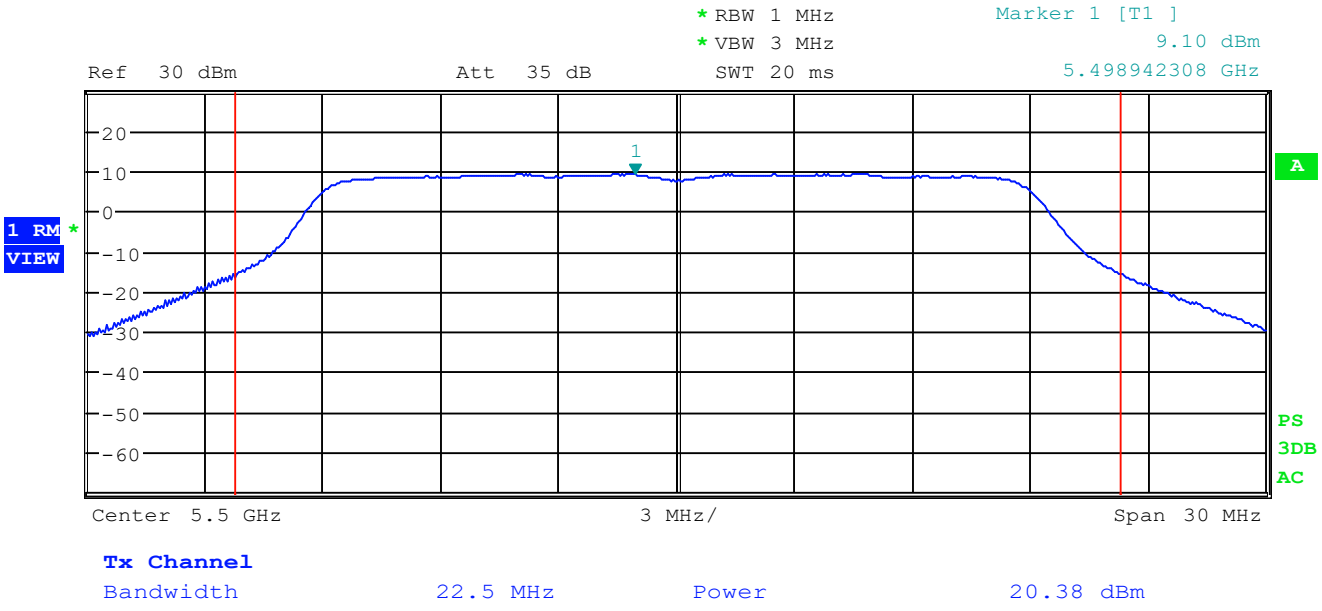
Tx Channel

Bandwidth	22.5 MHz	Power	20.58 dBm

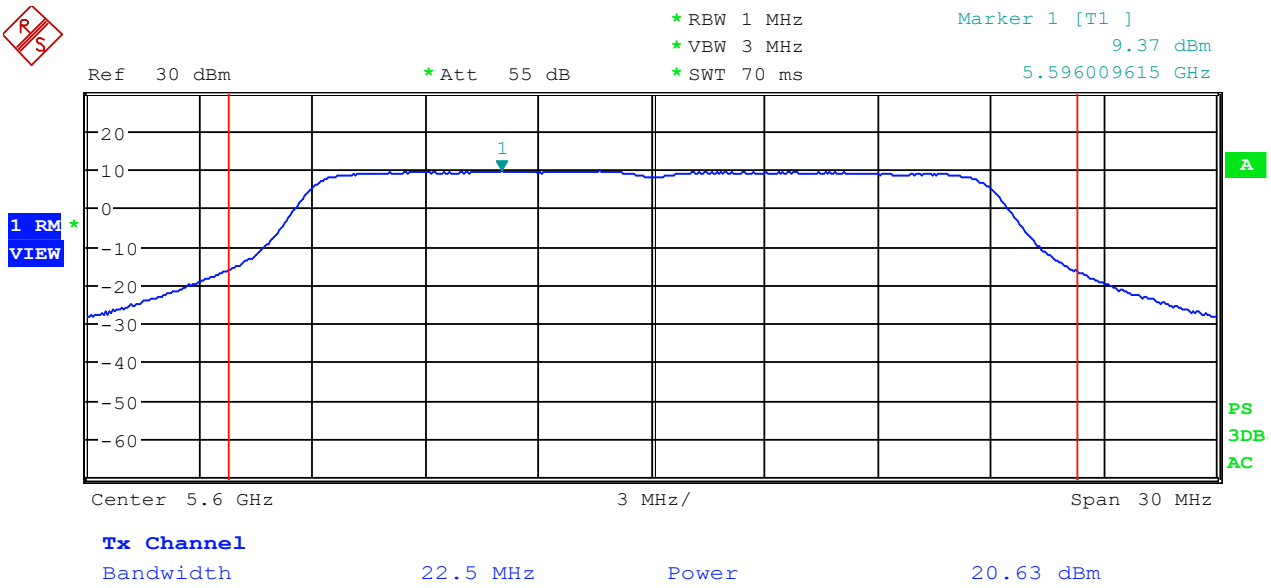
UNII 2C, Port 2: OFDM, High Channel (Non-beamforming)



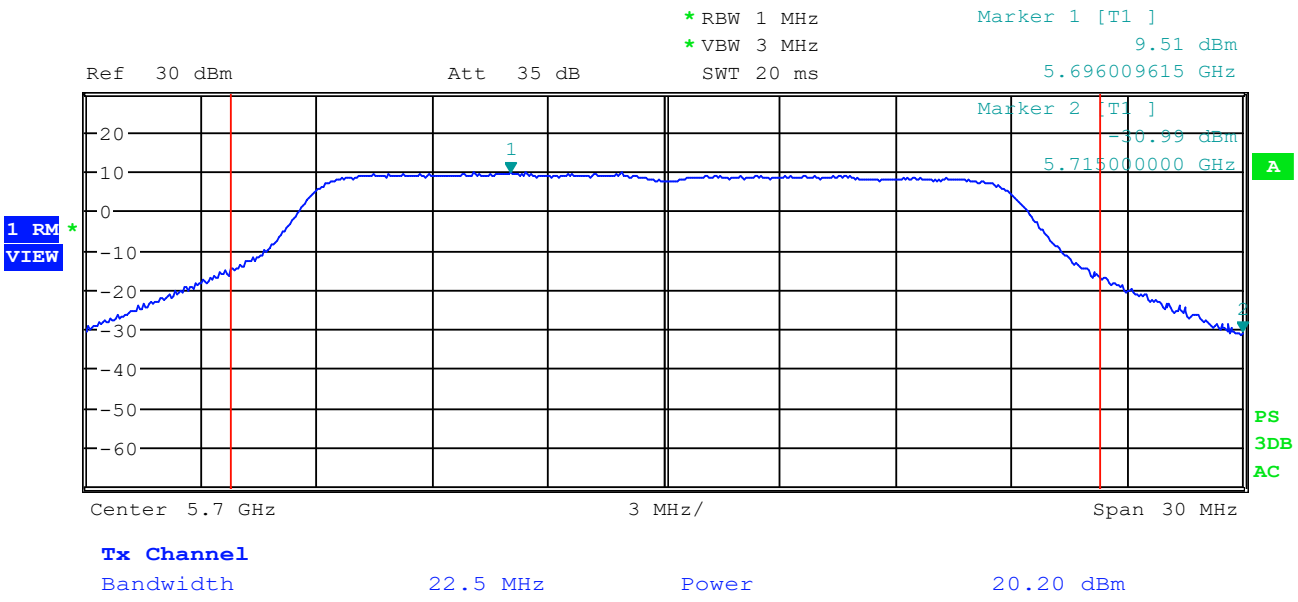
UNII 2C, Port 2: HT20, Low Channel (Non-beamforming)



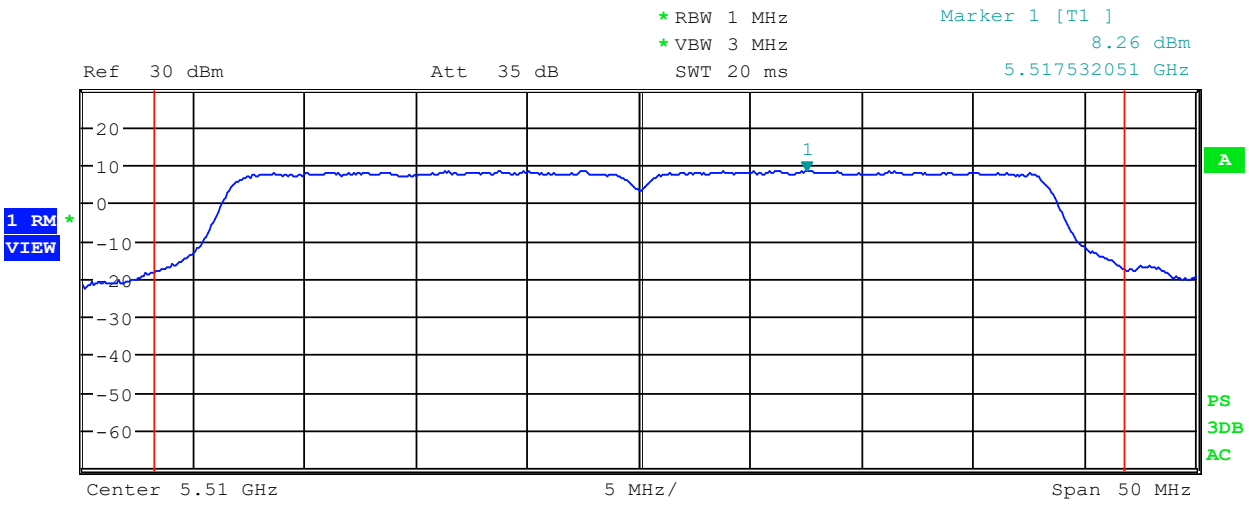
UNII 2C, Port 2: HT20, Mid Channel (Non-Beamforming)



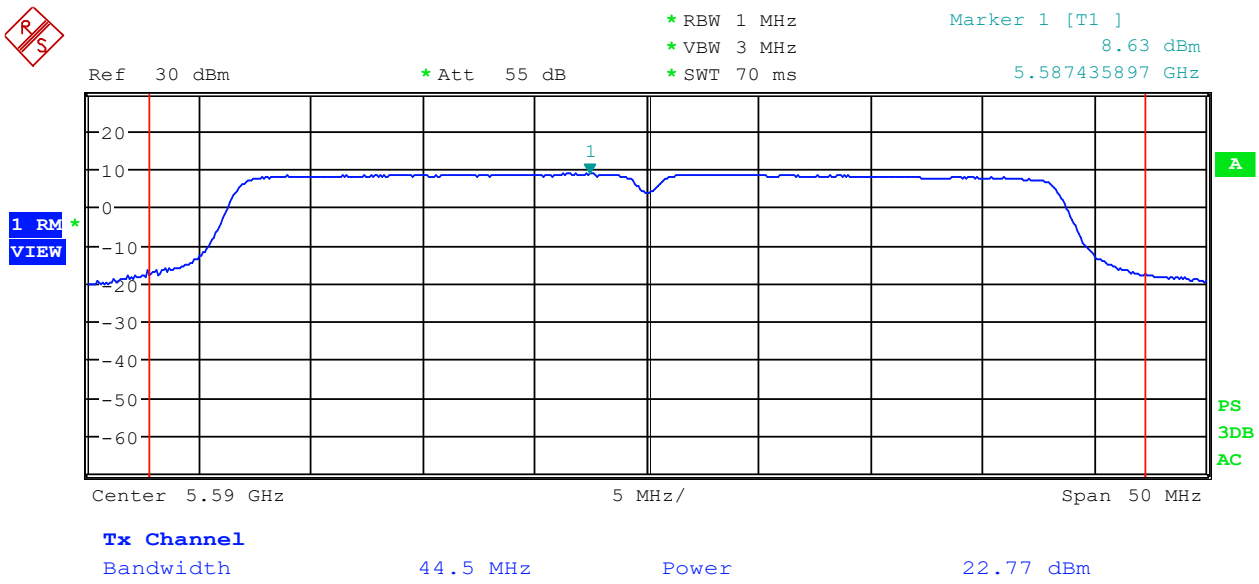
UNII 2C, Port 2: HT20, High Channel (Non-beamforming)



UNII 2C, Port 2: HT40, Low Channel (Non-beamforming)



UNII 2C, Port 2: HT40, Mid Channel (Non-Beamforming)



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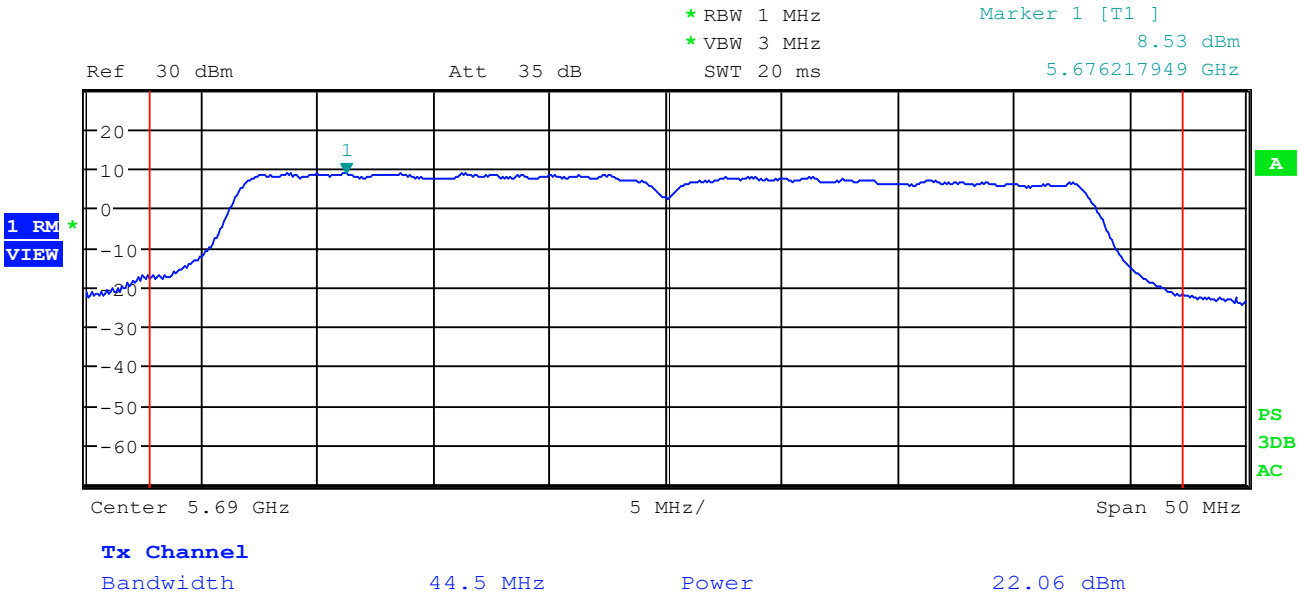
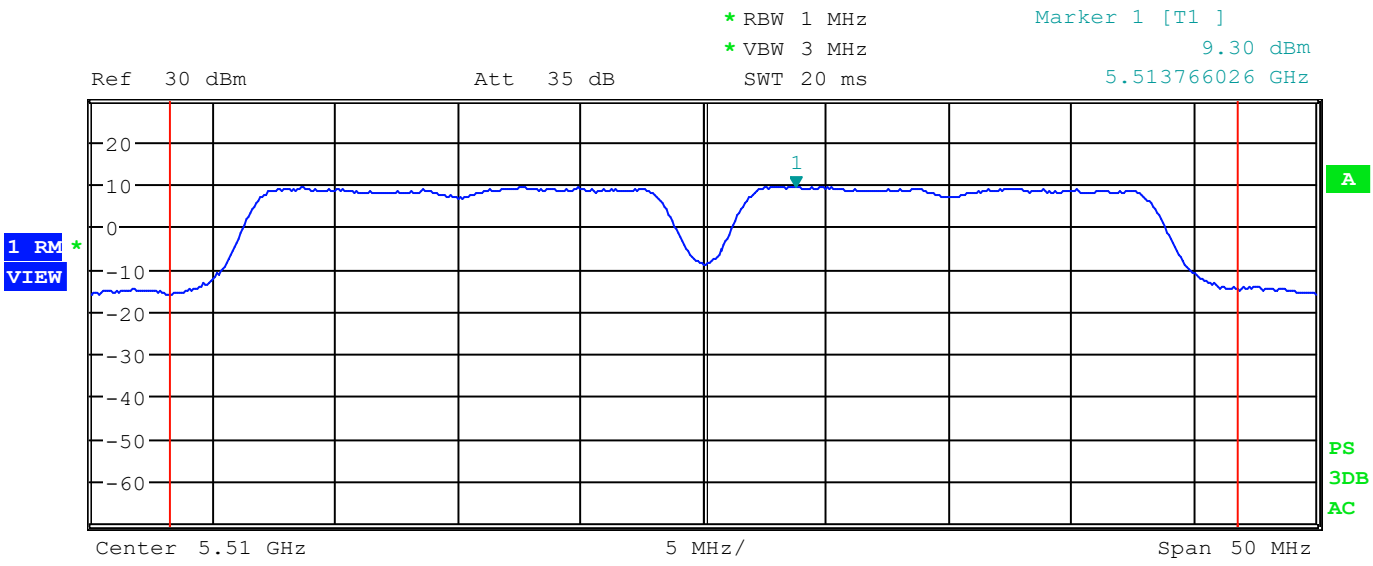
UNII 2C, Port 2: HT40, High Channel (Non-beamforming)



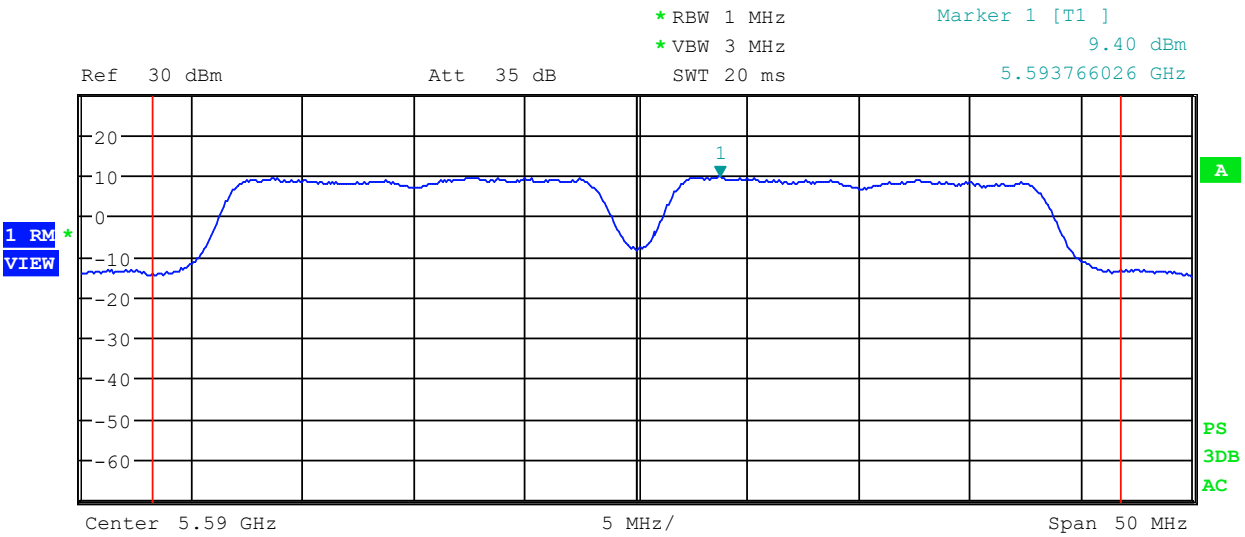
UNII 2C, Port 2: non HT40, Low Channel (Non-beamforming)



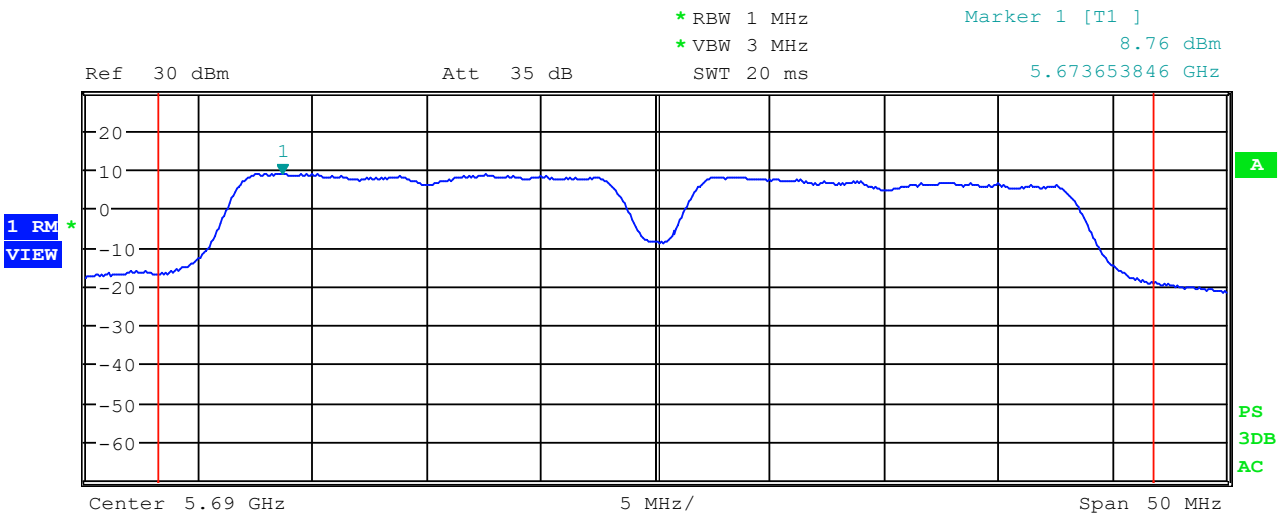
Tx Channel

Bandwidth	43.5 MHz	Power	22.85 dBm

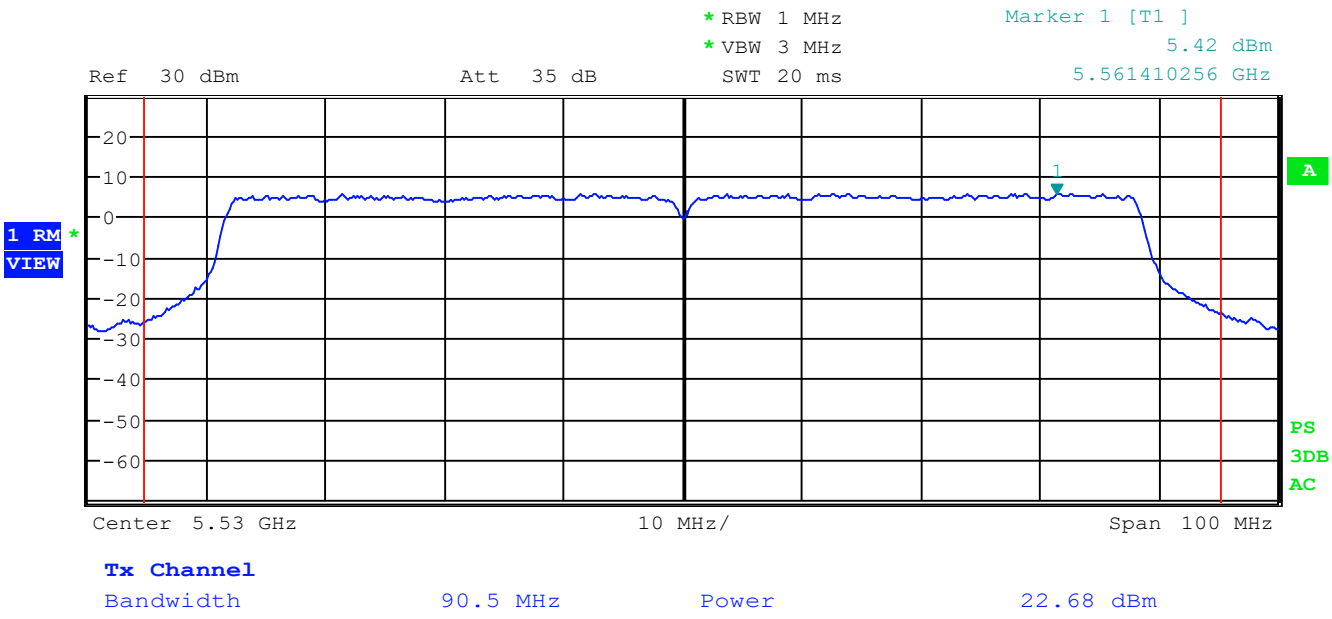
UNII 2C, Port 2: non HT40, Mid Channel (Non-Beamforming)



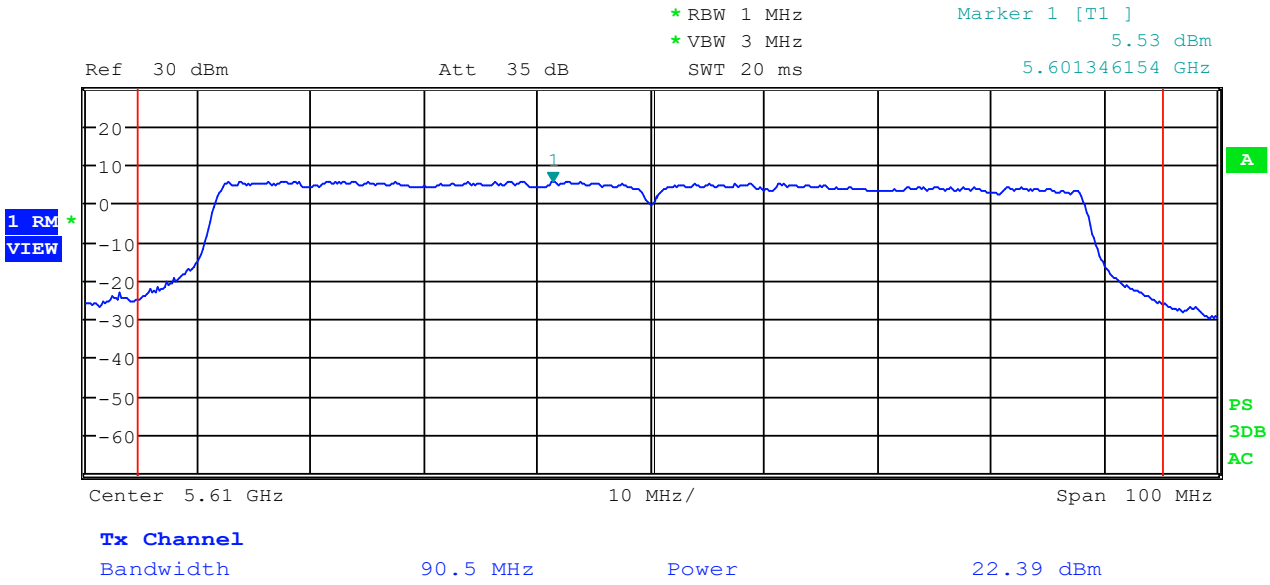
UNII 2C, Port 2: non HT40, High Channel (Non-beamforming)



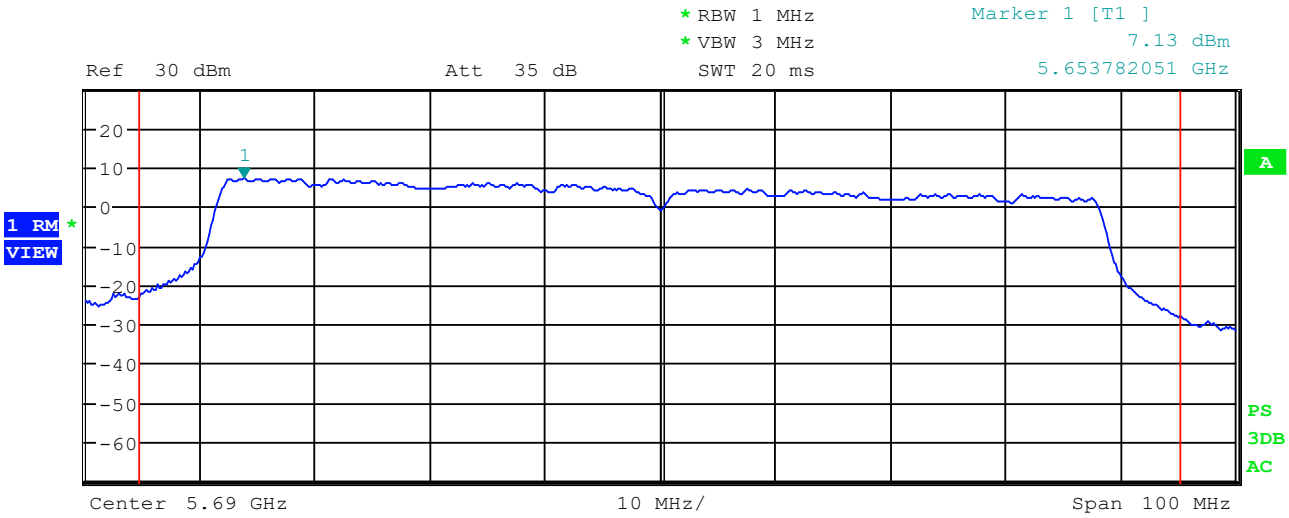
UNII 2C, Port 2: HT80, Low Channel (Non-beamforming)



UNII 2C, Port 2: HT80, Mid Channel (Non-Beamforming)

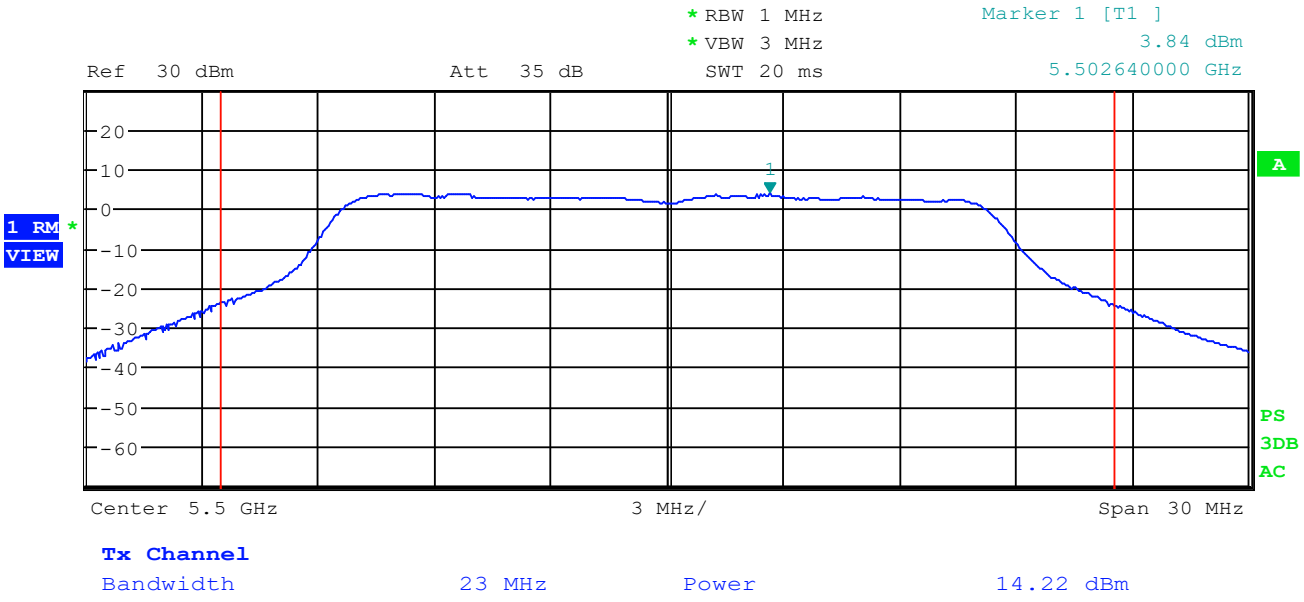


UNII 2C, Port 2: HT80, High Channel (Non-beamforming)

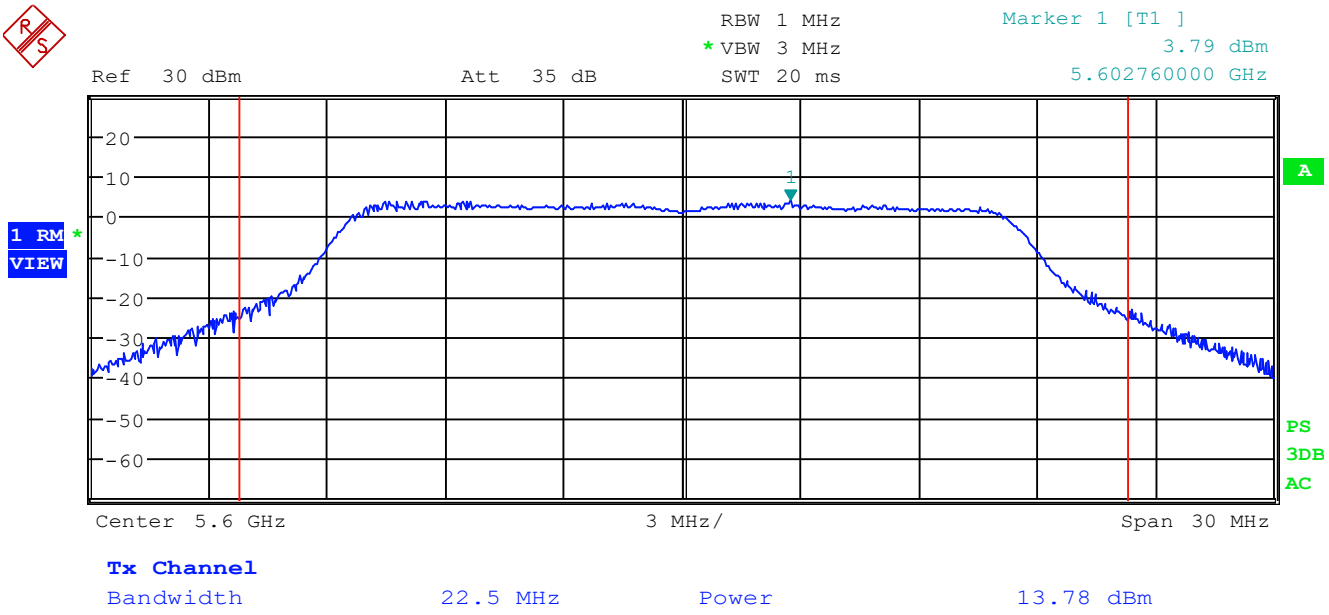


RF OUTPUT POWER UNII 2C Port 1 (Beamforming Mode)									
Modulation: OFDM									
Channel	Frequency (MHz) / Power Setting	Measured Power		Limit		E.I.R.P.		Limit	
		mW	dBm	mW	dBm	mW	dBm	E.I.R.P (mW)	E.I.R.P (dBm)
Low	5500 (15)	26.42	14.22	200	23	132.43	21.22	1000	30
Mid	5600 (14.5)	23.88	13.78	200	23	119.67	20.78	1000	30
High	5700 (15)	26.55	14.24	200	23	133.05	21.24	1000	30
Modulation: HT20									
Channel	Frequency (MHz) / Power Setting	Measured Power		Limit		E.I.R.P.		Limit	
		mW	dBm	mW	dBm	mW	dBm	E.I.R.P (mW)	E.I.R.P (dBm)
Low	5500 (15)	28.05	14.48	200	23	140.60	21.48	1000	30
Mid	5600 (15)	28.58	14.56	200	23	143.21	21.56	1000	30
High	5700 (15.5)	29.37	14.68	200	23	147.23	21.68	1000	30
Modulation: NON HT40									
Channel	Frequency (MHz) / Power Setting	Measured Power		Limit		E.I.R.P.		Limit	
		mW	dBm	mW	dBm	mW	dBm	E.I.R.P (mW)	E.I.R.P (dBm)
Low	5510 (16.5)	39.90	16.01	200	23	199.98	23.01	1000	30
Mid	5590 (17)	41.88	16.22	200	23	209.89	23.22	1000	30
High	5690 (16)	41.21	16.15	200	23	206.54	23.15	1000	30
Modulation: HT40									
Channel	Frequency (MHz) / Power Setting	Measured Power		Limit		E.I.R.P.		Limit	
		mW	dBm	mW	dBm	mW	dBm	E.I.R.P (mW)	E.I.R.P (dBm)
Low	5510 (17)	44.87	16.52	200	23	224.90	23.52	1000	30
Mid	5590 (17)	42.95	16.33	200	23	215.27	23.33	1000	30
High	5690 (16)	41.21	16.15	200	23	206.54	23.15	1000	30
Modulation: HT80									
Channel	Frequency (MHz) / Power Setting	Measured Power		Limit		E.I.R.P.		Limit	
		mW	dBm	mW	dBm	mW	dBm	E.I.R.P (mW)	E.I.R.P (dBm)
Low	5530 (16.5)	39.08	15.92	200	23	195.88	22.92	1000	30
Mid	5610 (17)	44.26	16.46	200	23	221.82	23.46	1000	30
High	5680 (16.5)	38.46	15.85	200	23	192.75	22.85	1000	30

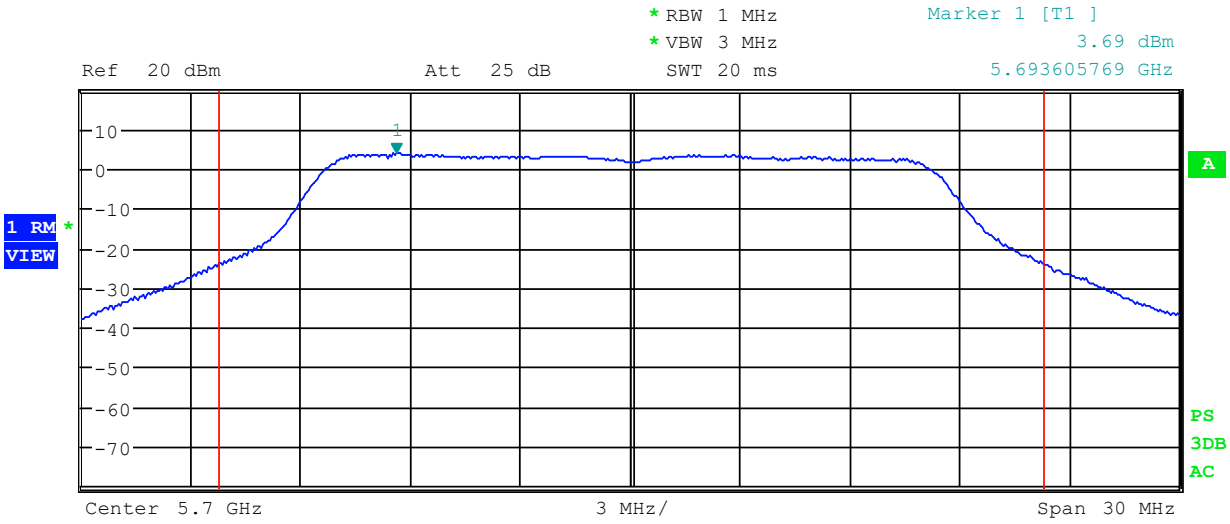
UNII 2C, Port 1: OFDM, Low Channel (Beamforming)



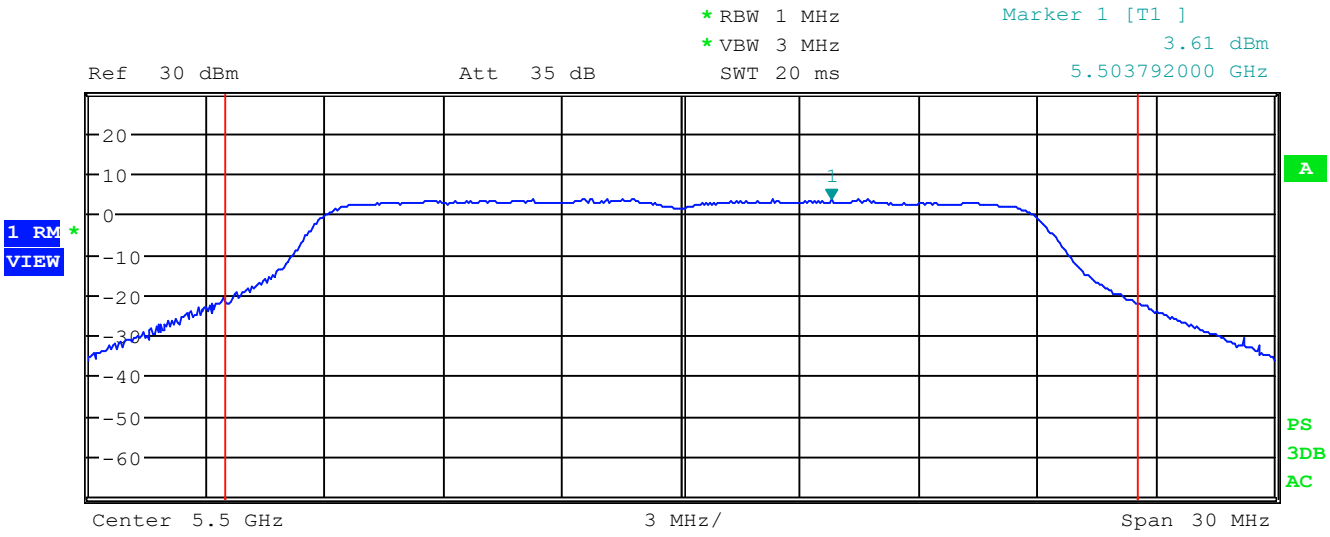
UNII 2C, Port 1: OFDM, Mid Channel (Beamforming)



UNII 2C, Port 1: OFDM, High Channel (Beamforming)



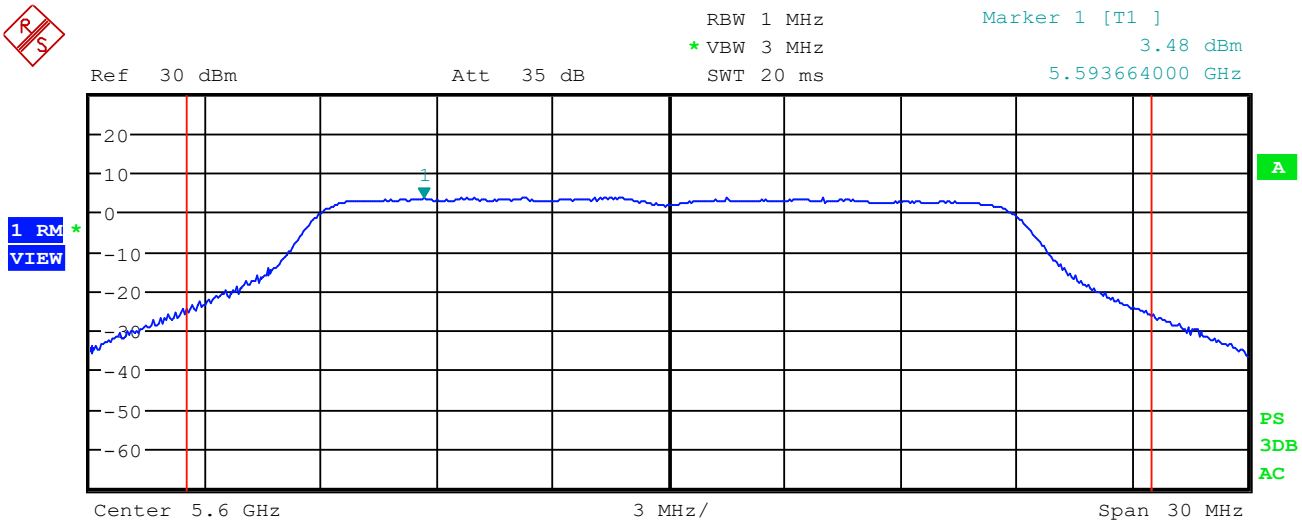
UNII 2C, Port 1: HT20, Low Channel (Beamforming)



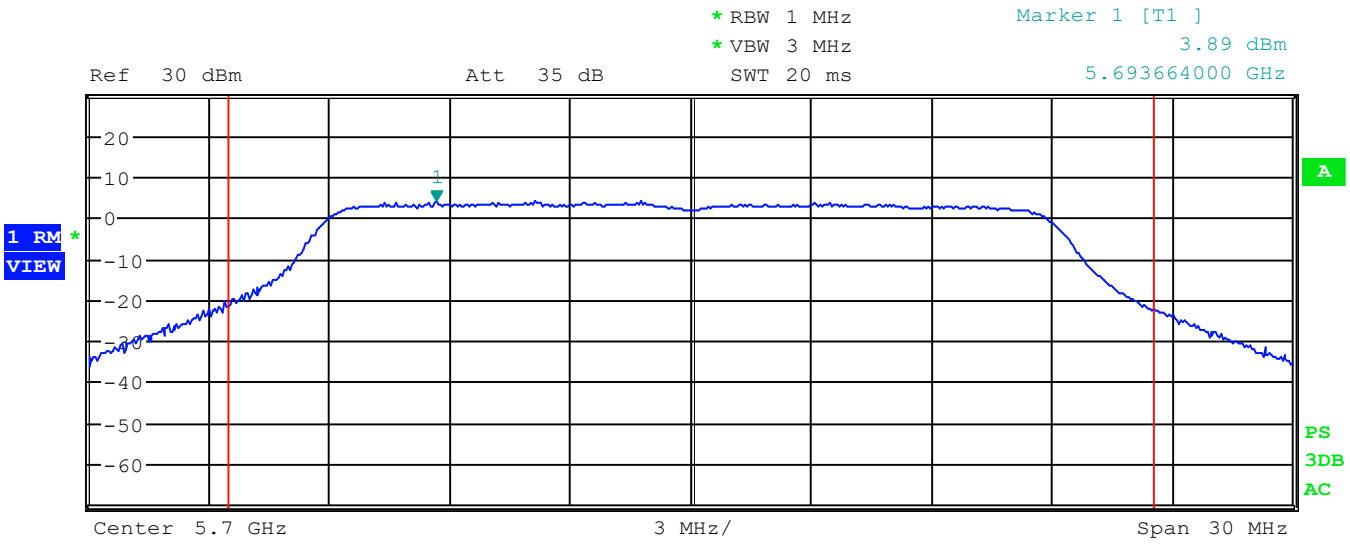
Tx Channel

Bandwidth	23 MHz	Power	14.48 dBm

UNII 2C, Port 1: HT20, Mid Channel (Beamforming)



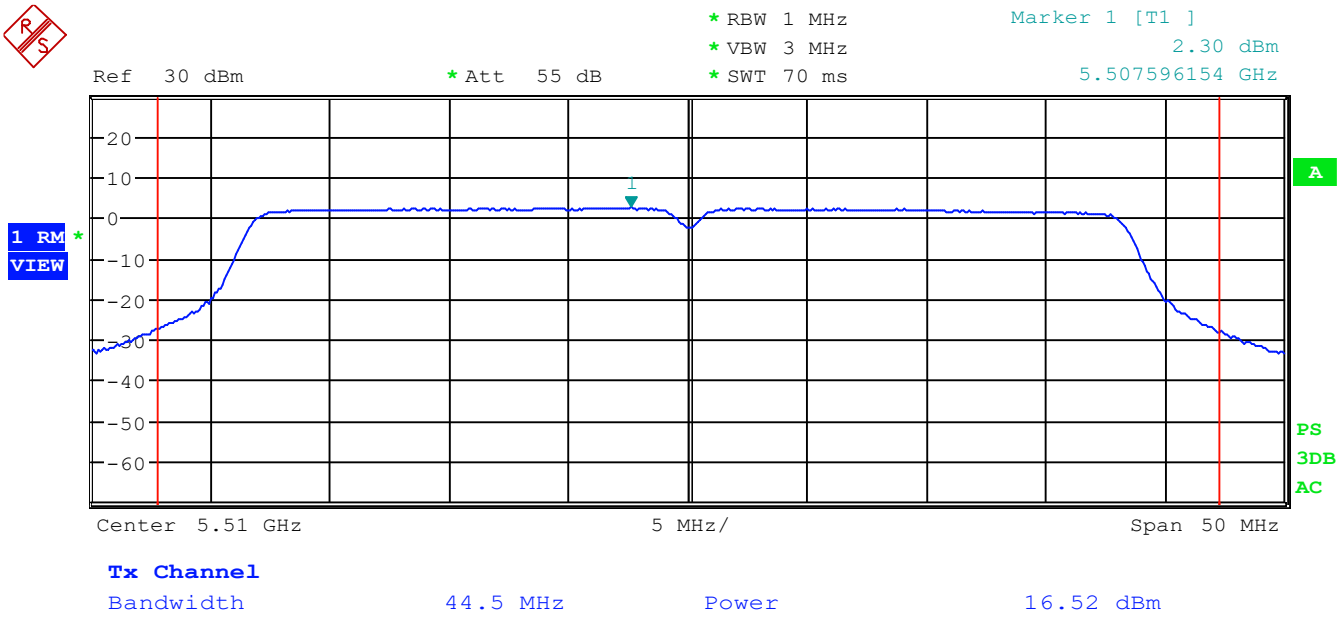
UNII 2C, Port 1: HT20, High Channel (Beamforming)



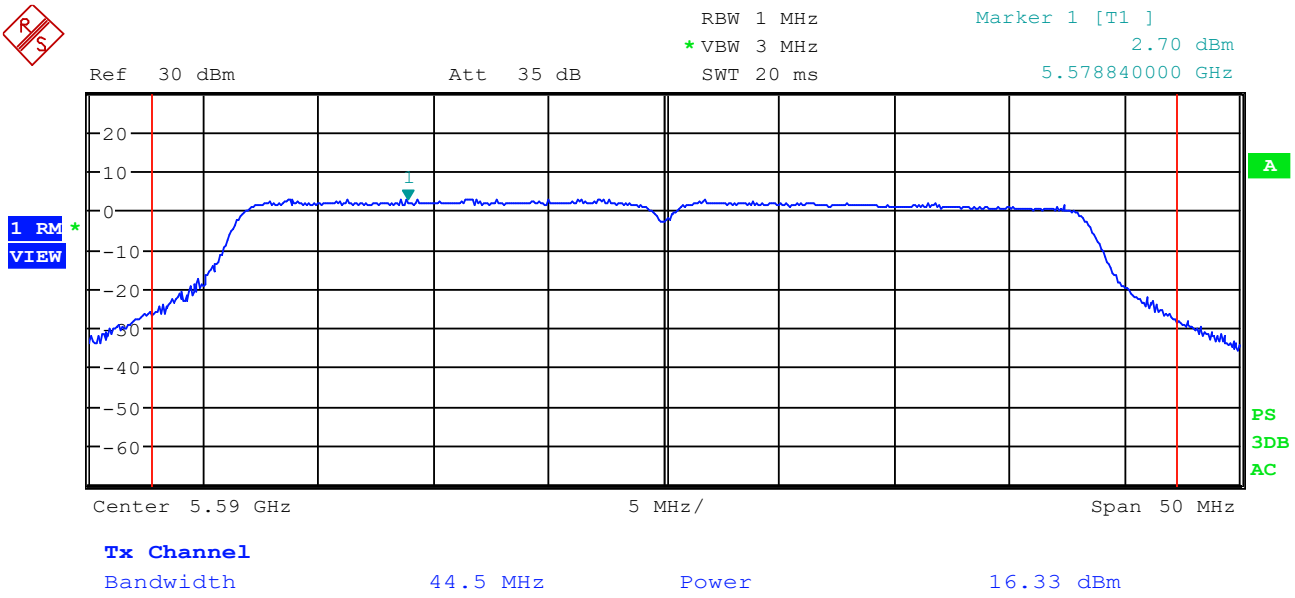
Tx Channel

Bandwidth	23 MHz	Power	14.68 dBm

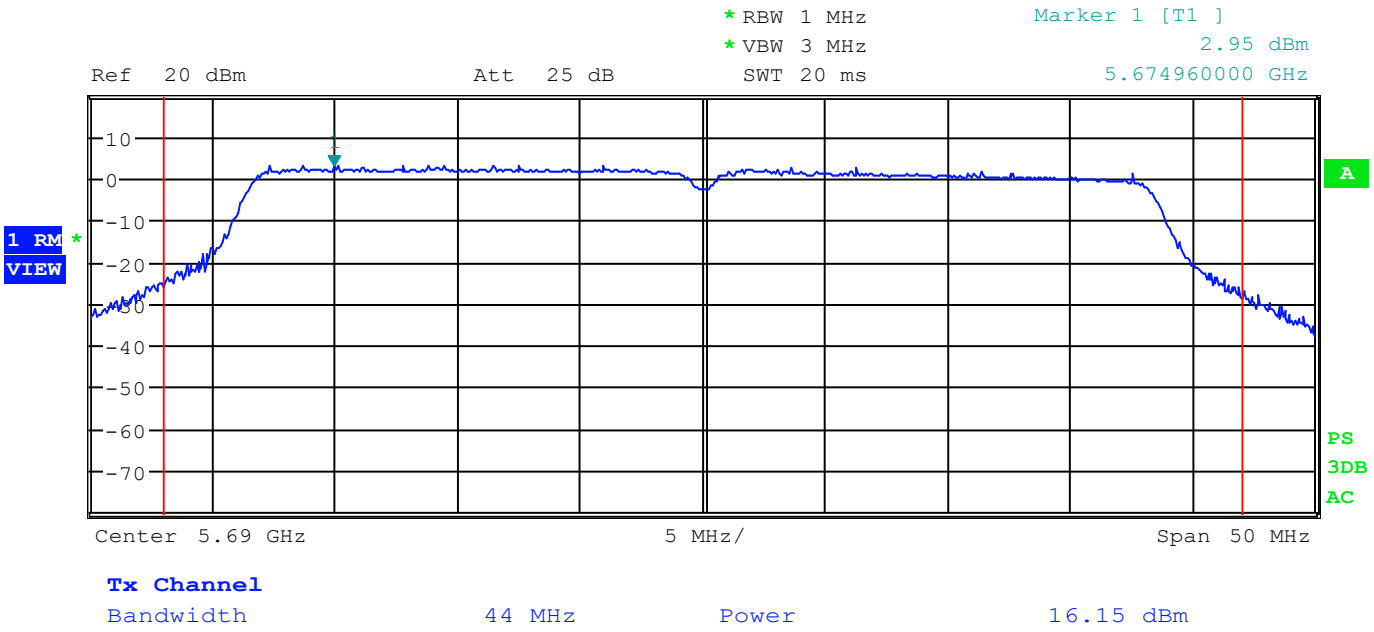
UNII 2C, Port 1: HT40, Low Channel (Beamforming)



UNII 2C, Port 1: HT40, Mid Channel (Beamforming)



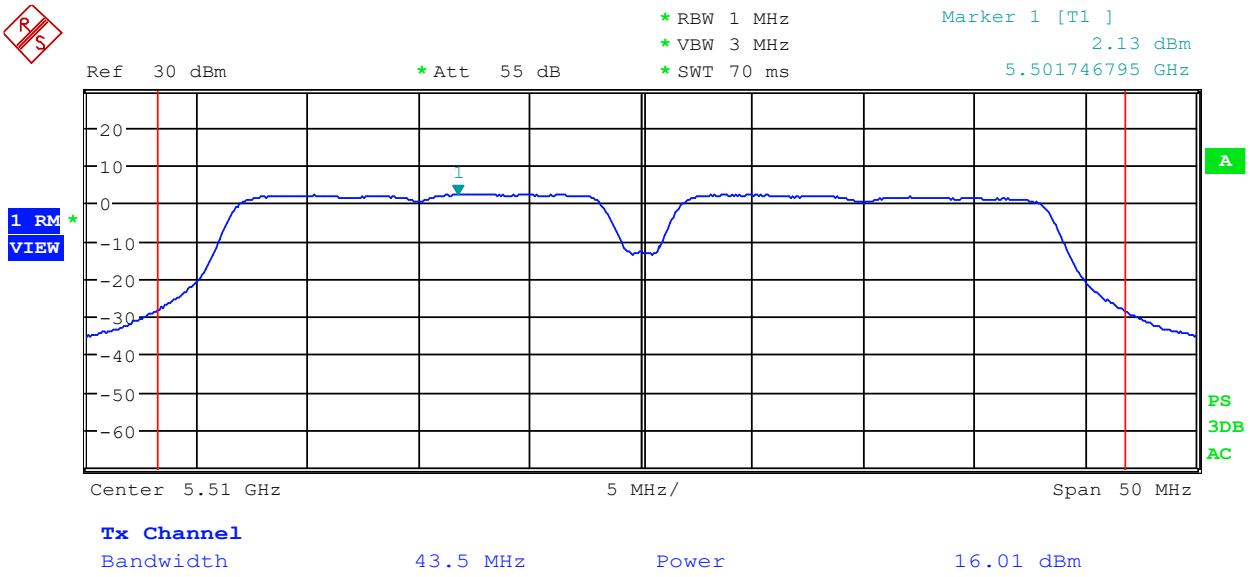
UNII 2C, Port 1: HT40, High Channel (Beamforming)



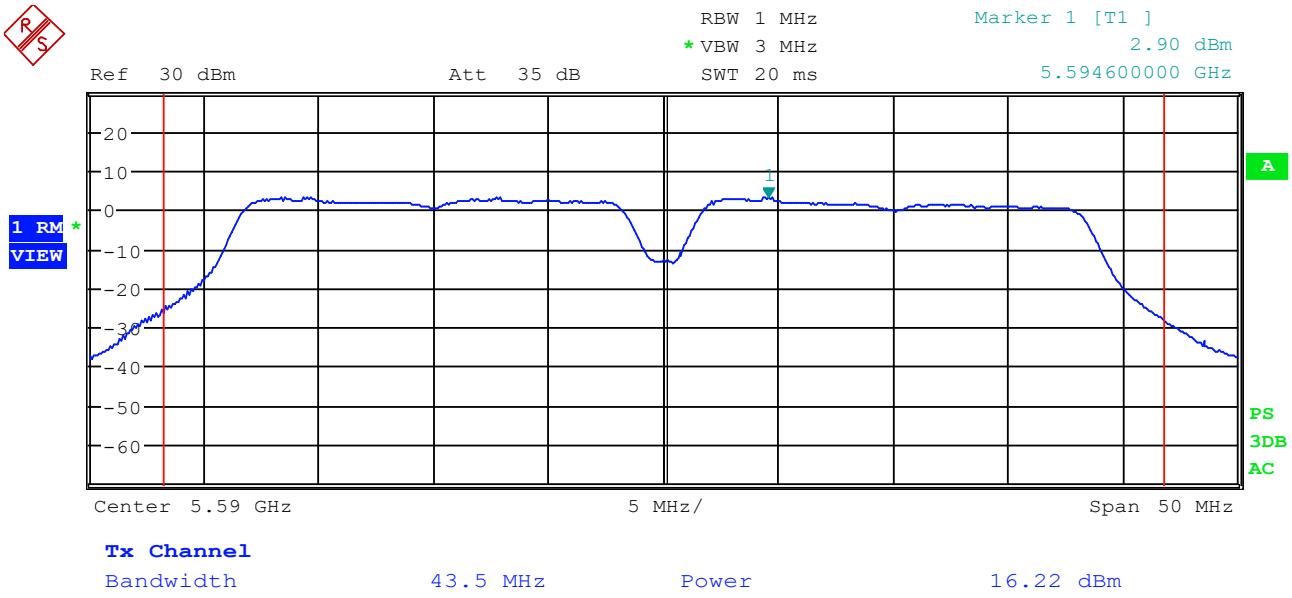
Tx Channel

Bandwidth	44 MHz	Power	16.15 dBm

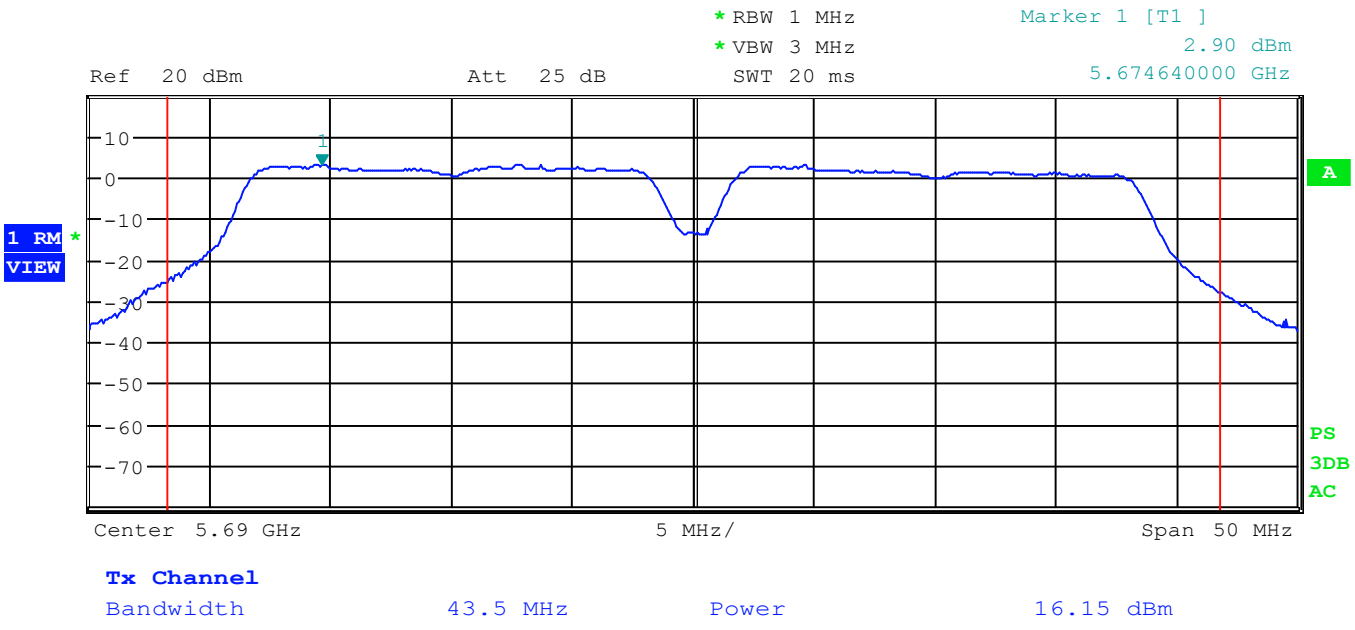
UNII 2C, Port 1: non HT40, Low Channel (Beamforming)



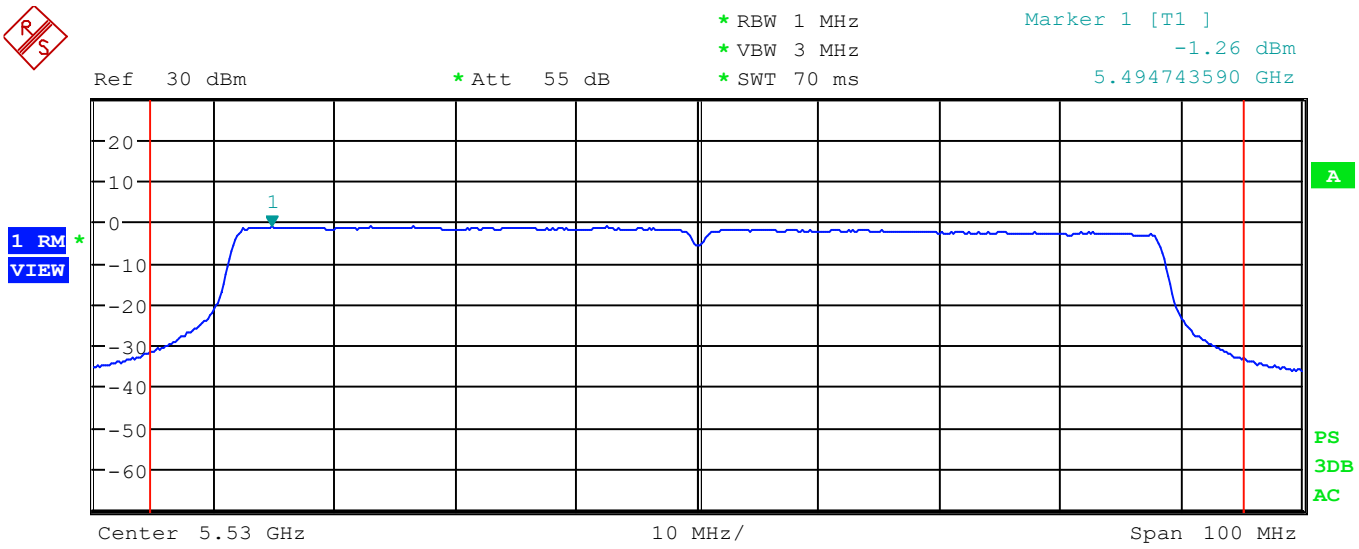
UNII 2C, Port 1: non HT40, Mid Channel (Beamforming)



UNII 2C, Port 1: non HT40, High Channel (Beamforming)



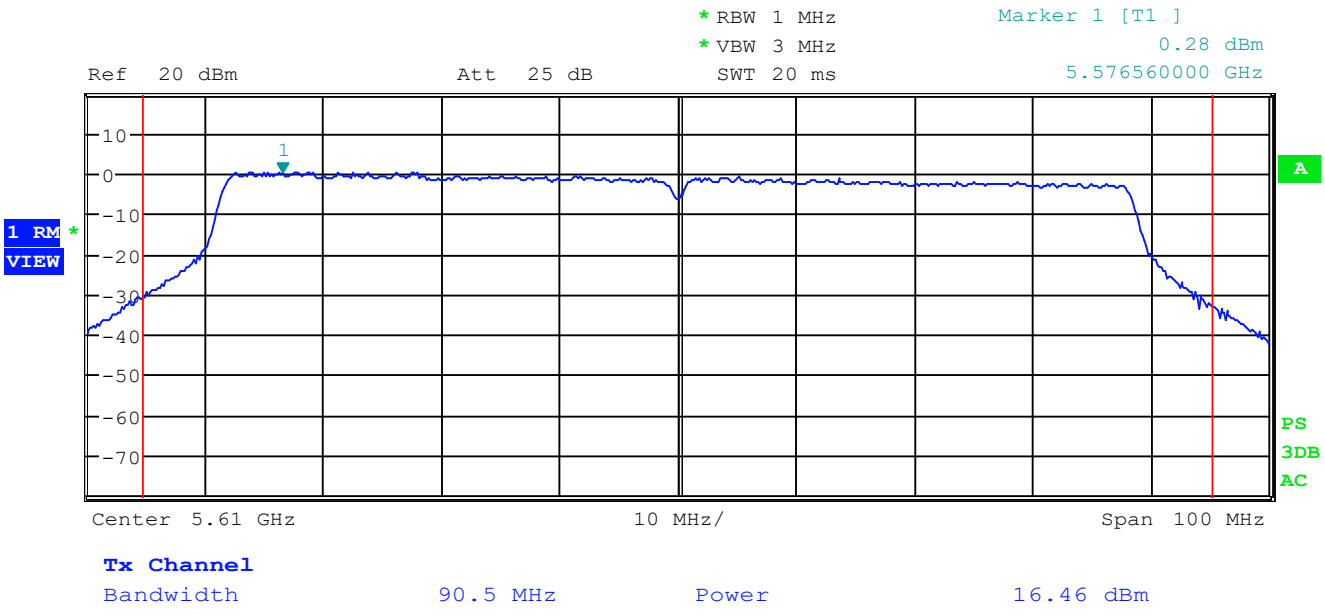
UNII 2C, Port 1: HT80, Low Channel (Beamforming)



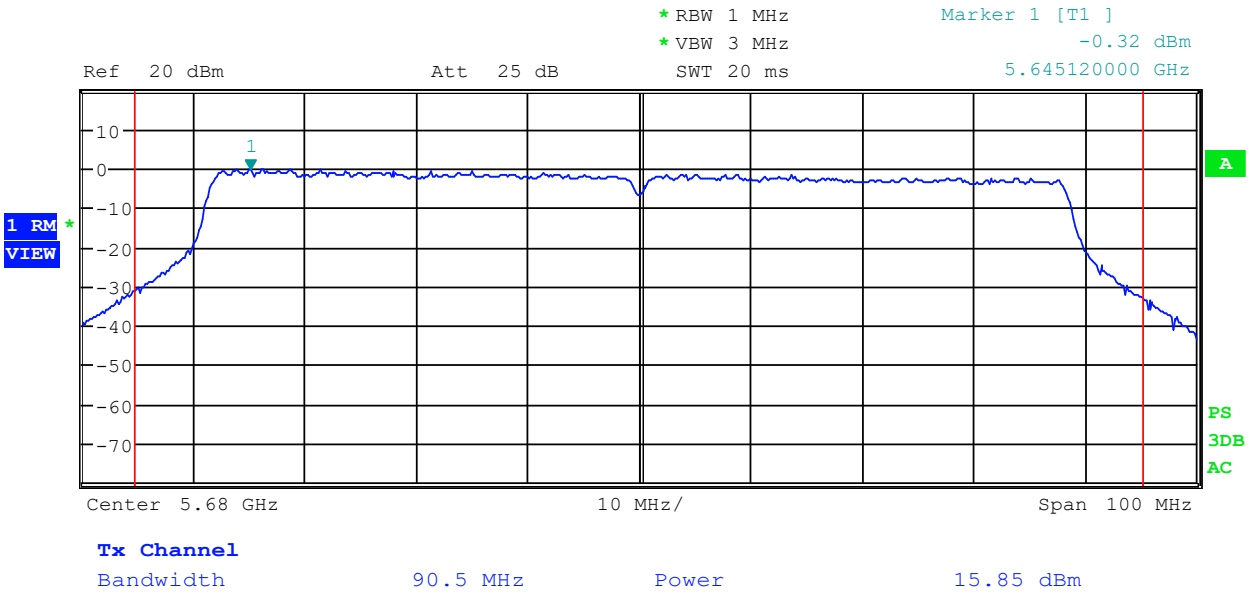
Tx Channel

Bandwidth	90.5 MHz	Power	15.92 dBm

UNII 2C, Port 1: HT80, Mid Channel (Beamforming)

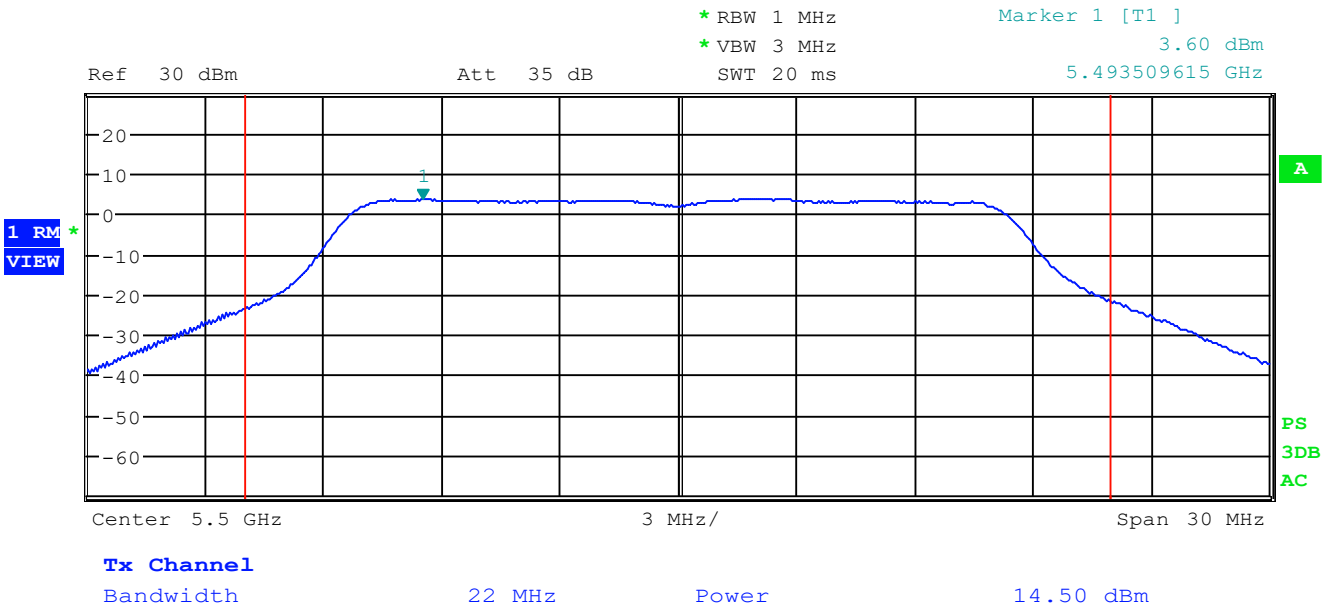


UNII 2C, Port 1: HT80, High Channel (Beamforming)

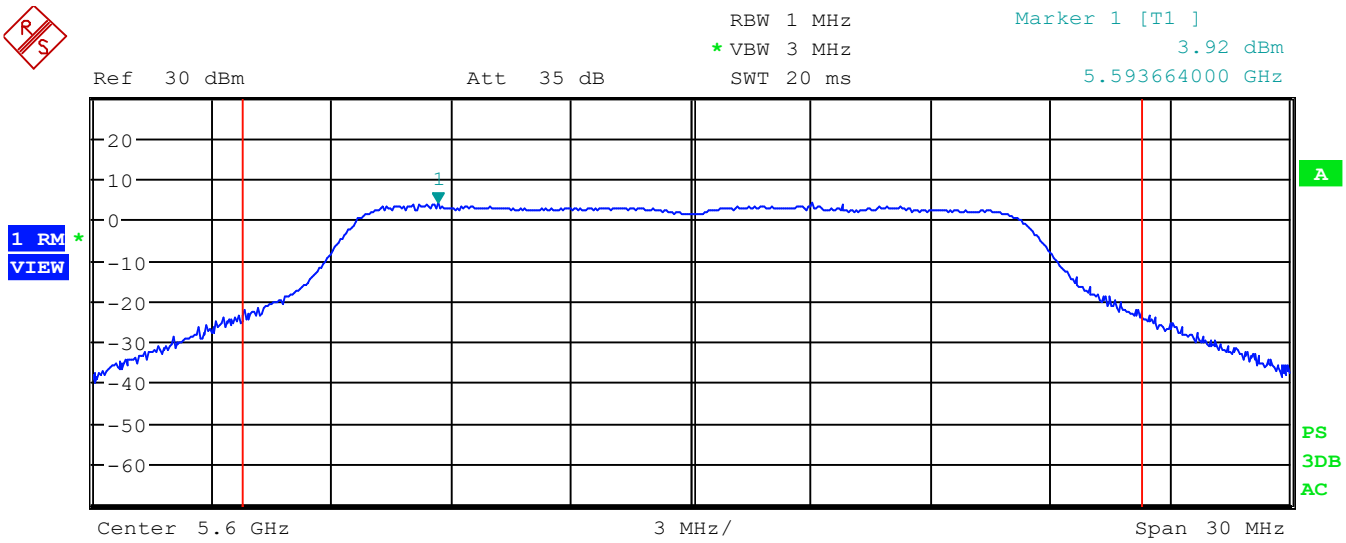


RF OUTPUT POWER UNII 2C Port 2 (Beamforming Mode)									
Modulation: OFDM									
Channel	Frequency (MHz) / Power Setting	Measured Power		Limit		E.I.R.P.		Limit	
		mW	dBm	mW	dBm	mW	dBm	E.I.R.P (mW)	E.I.R.P (dBm)
Low	5500 (15)	28.18	14.50	200	23	141.25	21.50	1000	30
Mid	5600 (14.5)	25.47	14.06	200	23	127.64	21.06	1000	30
High	5700 (14.5)	25.94	14.14	200	23	130.01	21.14	1000	30
Modulation: HT20									
Channel	Frequency (MHz) / Power Setting	Measured Power		Limit		E.I.R.P.		Limit	
		mW	dBm	mW	dBm	mW	dBm	E.I.R.P (mW)	E.I.R.P (dBm)
Low	5500 (15)	28.11	14.49	200	23	140.92	21.49	1000	30
Mid	5600 (15.5)	29.17	14.65	200	23	146.21	21.65	1000	30
High	5700 (15)	27.47	14.39	200	23	137.72	21.39	1000	30
Modulation: NON HT40									
Channel	Frequency (MHz) / Power Setting	Measured Power		Limit		E.I.R.P.		Limit	
		mW	dBm	mW	dBm	mW	dBm	E.I.R.P (mW)	E.I.R.P (dBm)
Low	5510 (16)	33.57	15.26	200	23	168.26	22.26	1000	30
Mid	5590 (17)	41.80	16.22	200	23	209.89	23.22	1000	30
High	5690 (16.5)	41.30	16.16	200	23	207.01	23.16	1000	30
Modulation: HT40									
Channel	Frequency (MHz) / Power Setting	Measured Power		Limit		E.I.R.P.		Limit	
		mW	dBm	mW	dBm	mW	dBm	E.I.R.P (mW)	E.I.R.P (dBm)
Low	5510 (16.5)	39.26	15.94	200	23	196.78	22.94	1000	30
Mid	5590 (17)	43.25	16.36	200	23	216.77	23.36	1000	30
High	5690 (16)	42.27	16.26	200	23	211.84	23.26	1000	30
Modulation: HT80									
Channel	Frequency (MHz) / Power Setting	Measured Power		Limit		E.I.R.P.		Limit	
		mW	dBm	mW	dBm	mW	dBm	E.I.R.P (mW)	E.I.R.P (dBm)
Low	5530 (16.5)	41.21	16.15	200	23	206.53	23.15	1000	30
Mid	5610 (17)	46.03	16.63	200	23	230.67	23.63	1000	30
High	5690 (16)	36.06	15.57	200	23	180.72	22.57	1000	30

UNII 2C, Port 2: OFDM, Low Channel (Beamforming)



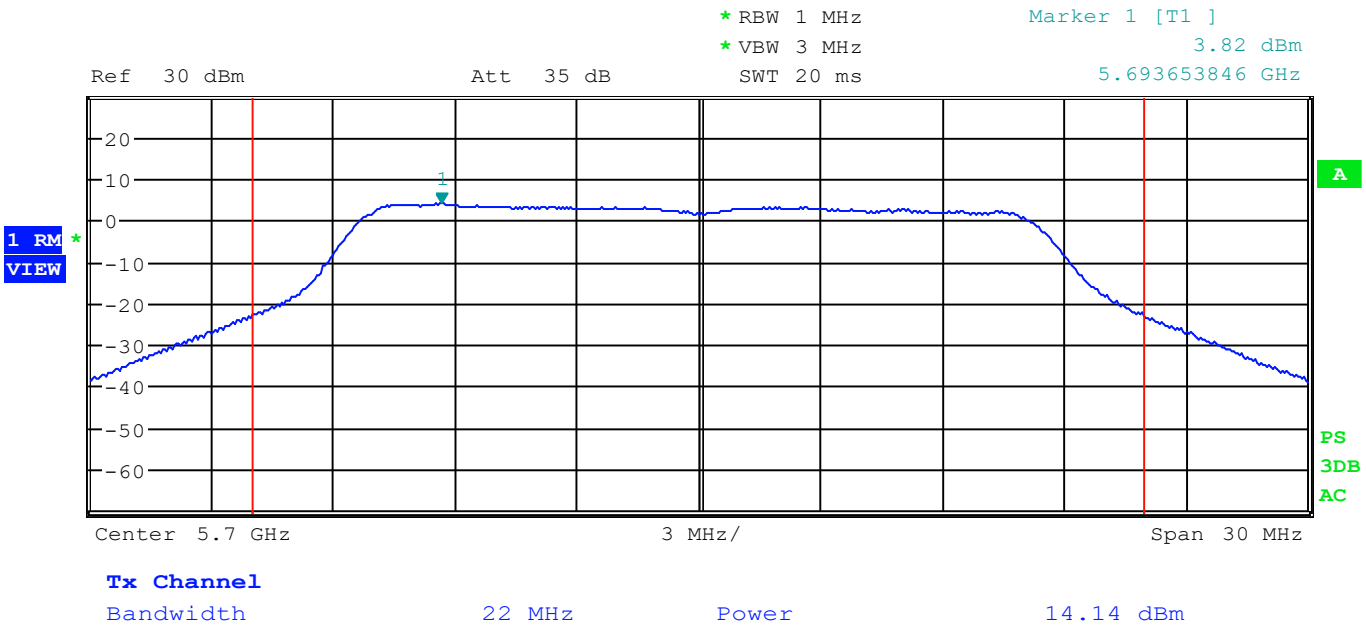
UNII 2C, Port 2: OFDM, Mid Channel (Beamforming)



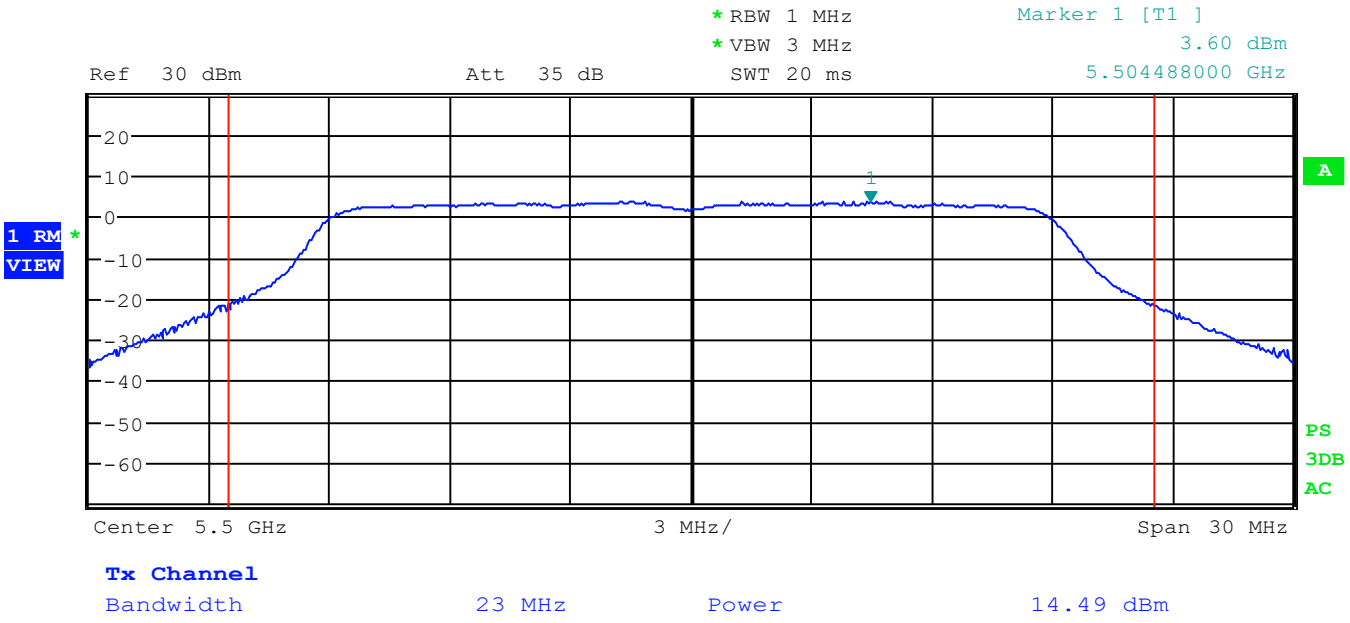
Tx Channel

Bandwidth	22.5 MHz	Power	14.06 dBm

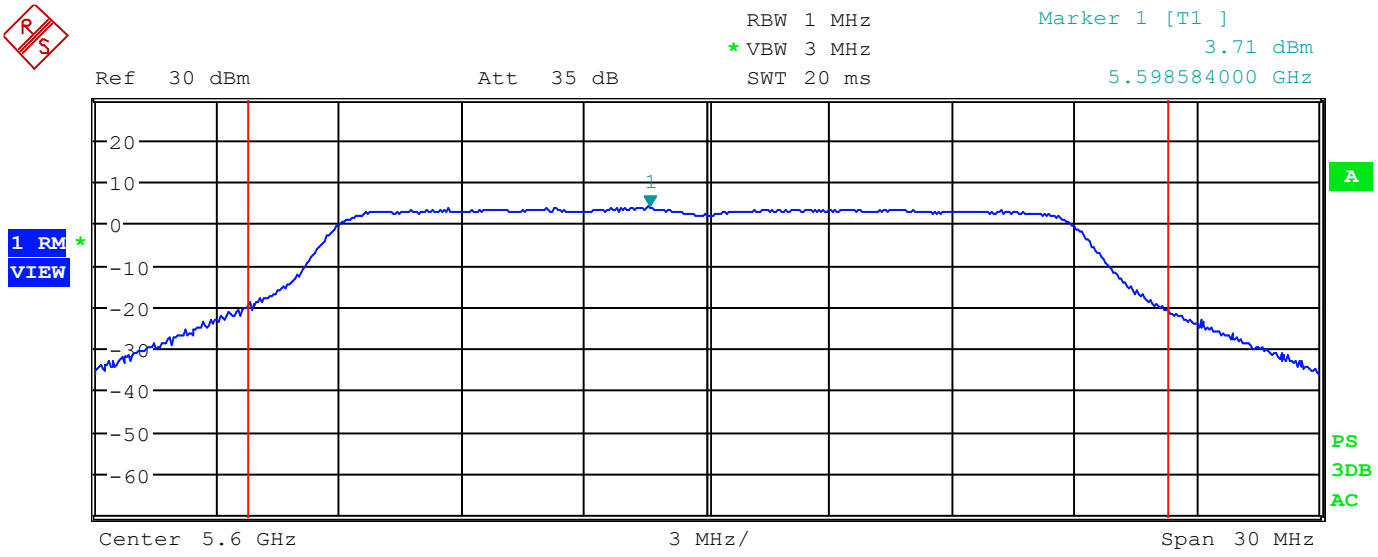
UNII 2C, Port 2: OFDM, High Channel (Beamforming)



UNII 2C, Port 2: HT20, Low Channel (Beamforming)



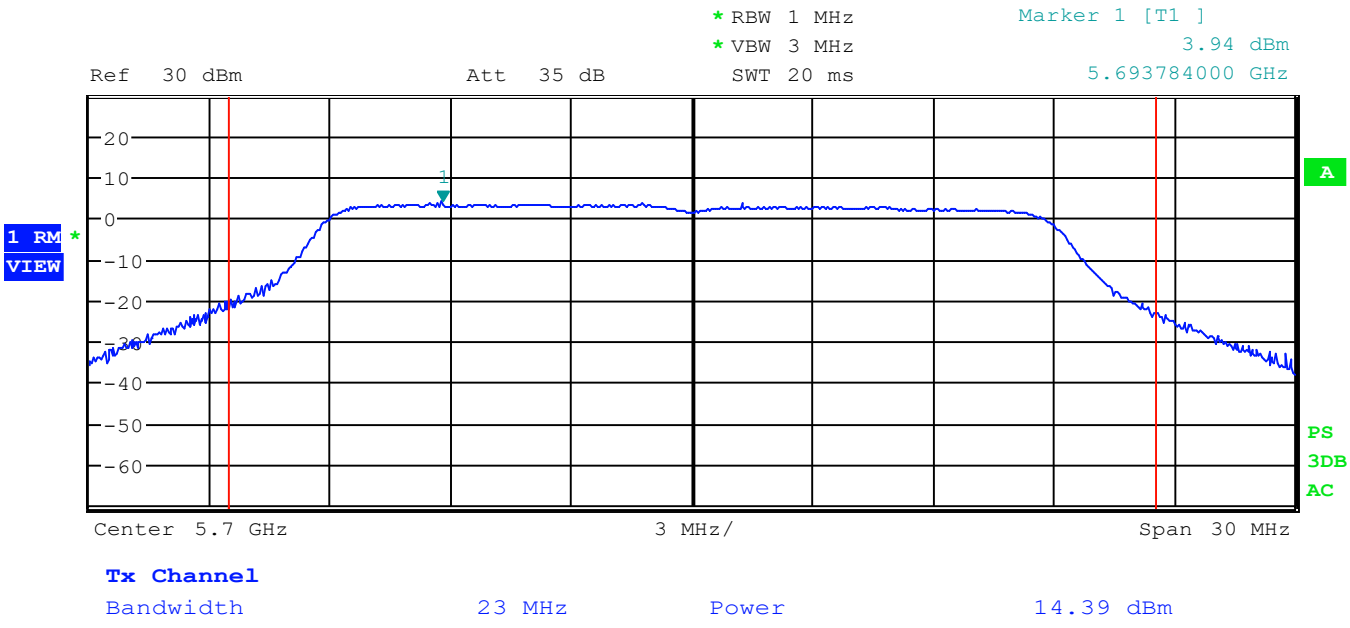
UNII 2C, Port 2: HT20, Mid Channel (Beamforming)



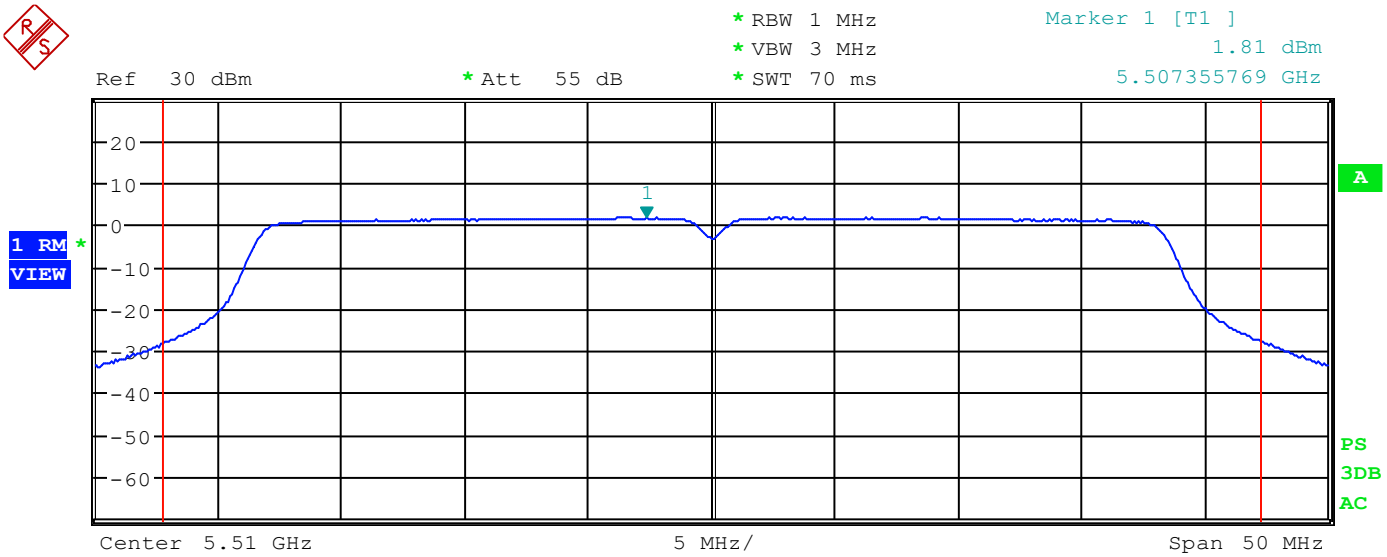
Tx Channel

Bandwidth	22.5 MHz	Power	14.65 dBm

UNII 2C, Port 2: HT20, High Channel (Beamforming)



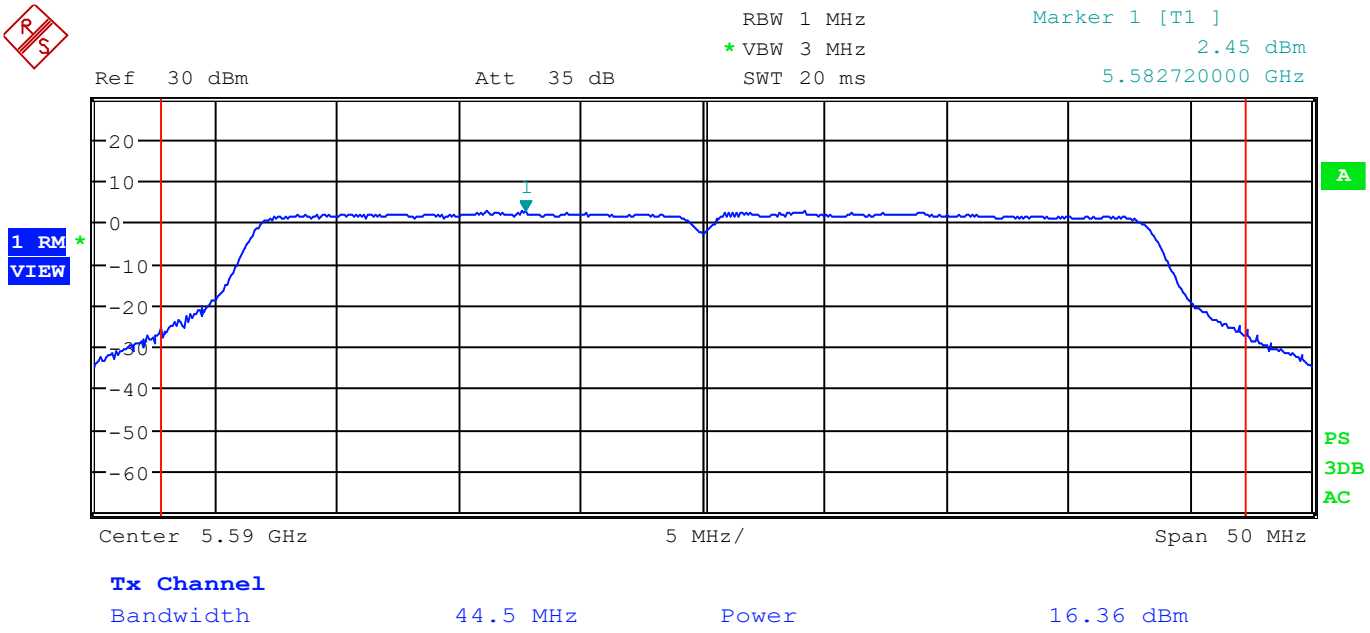
UNII 2C, Port 2: HT40, Low Channel (Beamforming)



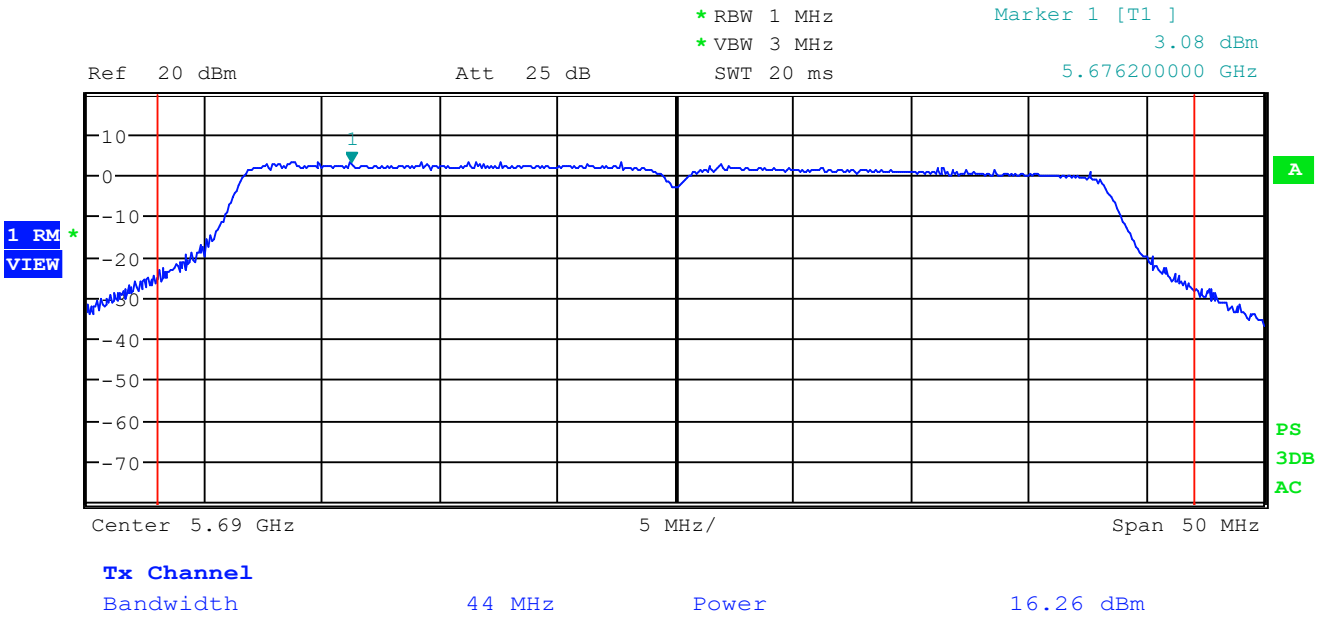
Tx Channel

Bandwidth	44.5 MHz	Power	15.94 dBm

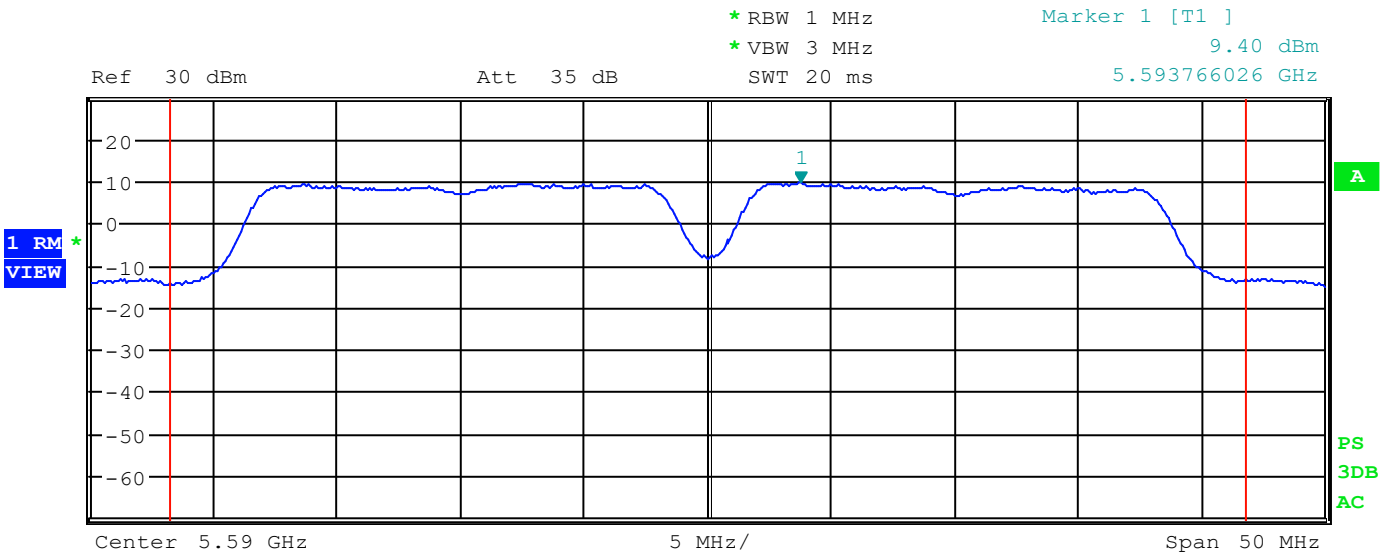
UNII 2C, Port 2: HT40, Mid Channel (Beamforming)



UNII 2C, Port 2: HT40, High Channel (Beamforming)



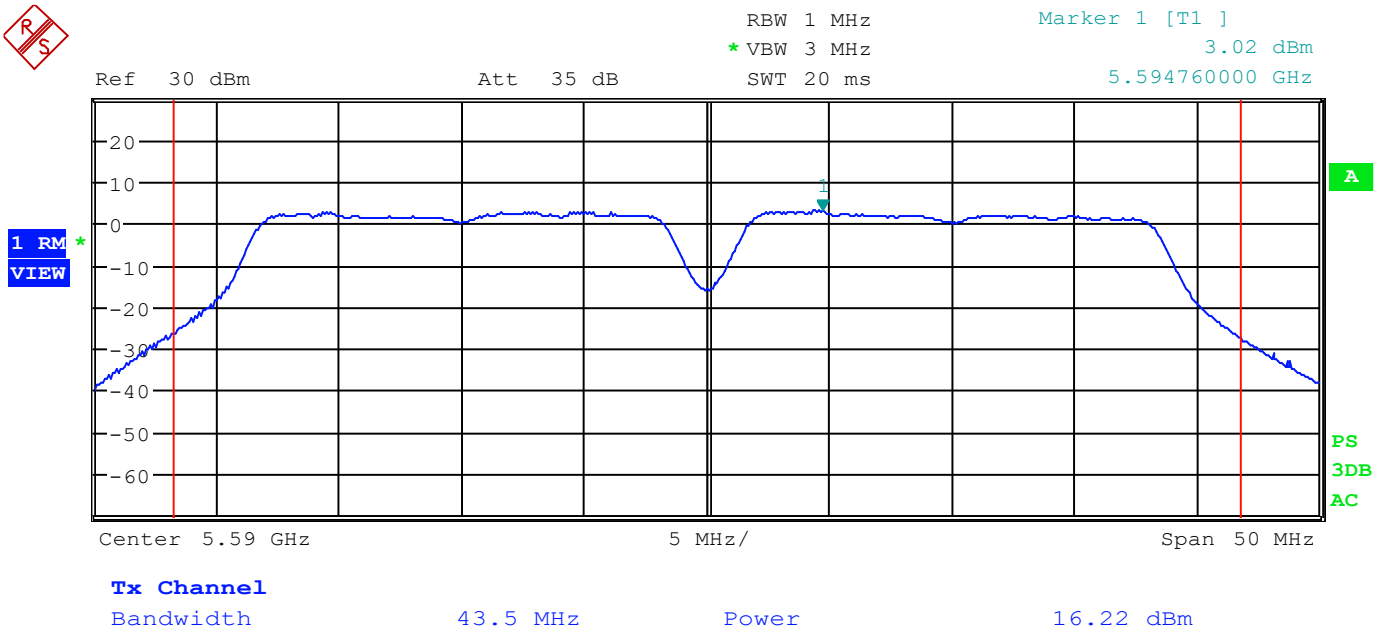
UNII 2C, Port 2: non HT40, Low Channel (Beamforming)



Tx Channel

Bandwidth	43.5 MHz	Power	22.78 dBm

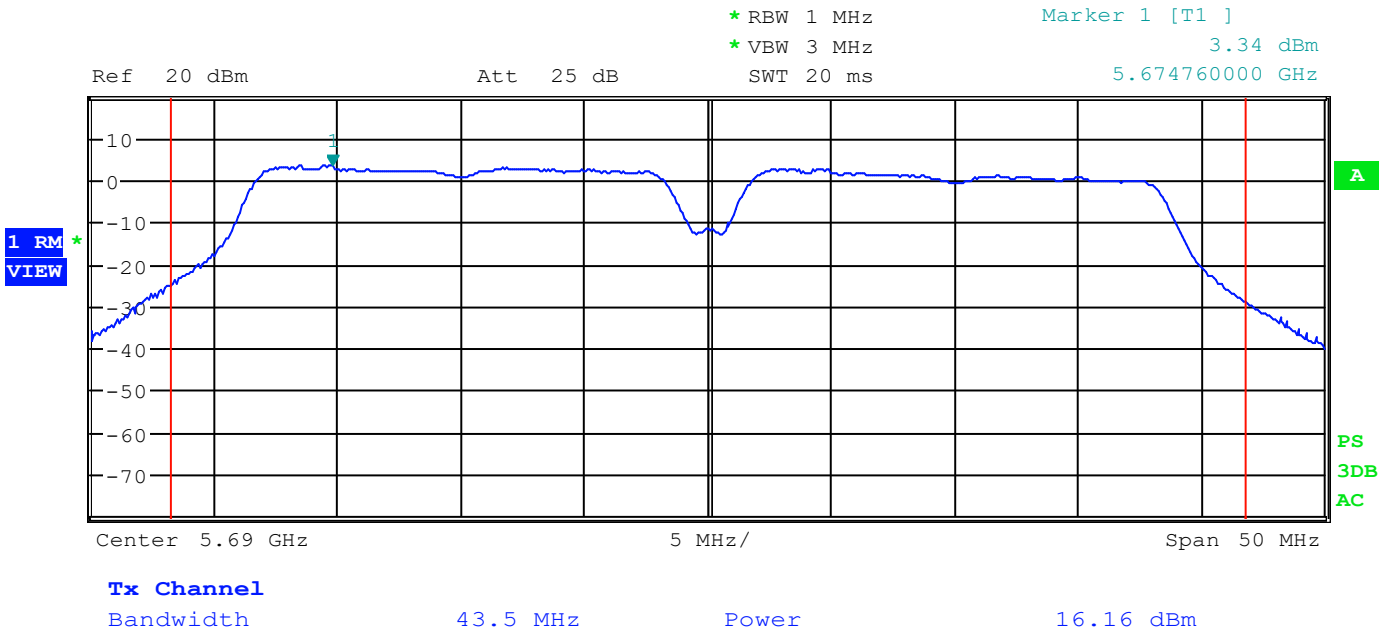
UNII 2C, Port 2: non HT40, Mid Channel (Beamforming)



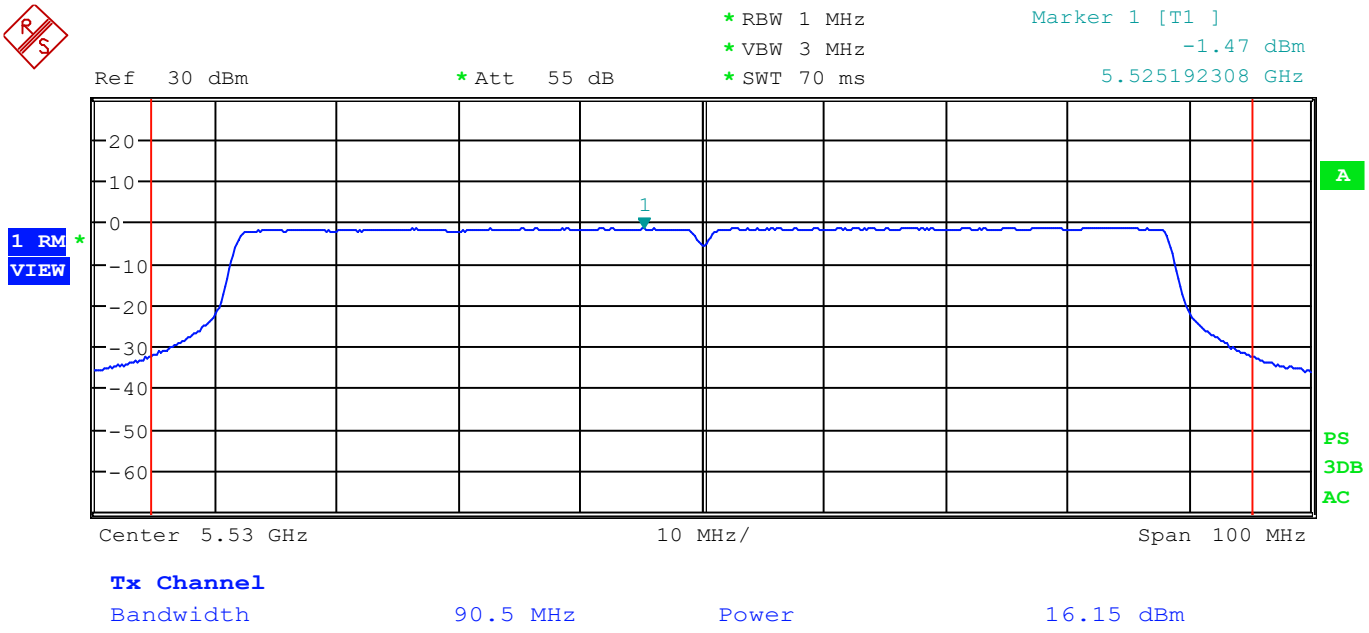
Tx Channel

Bandwidth	43.5 MHz	Power	16.22 dBm

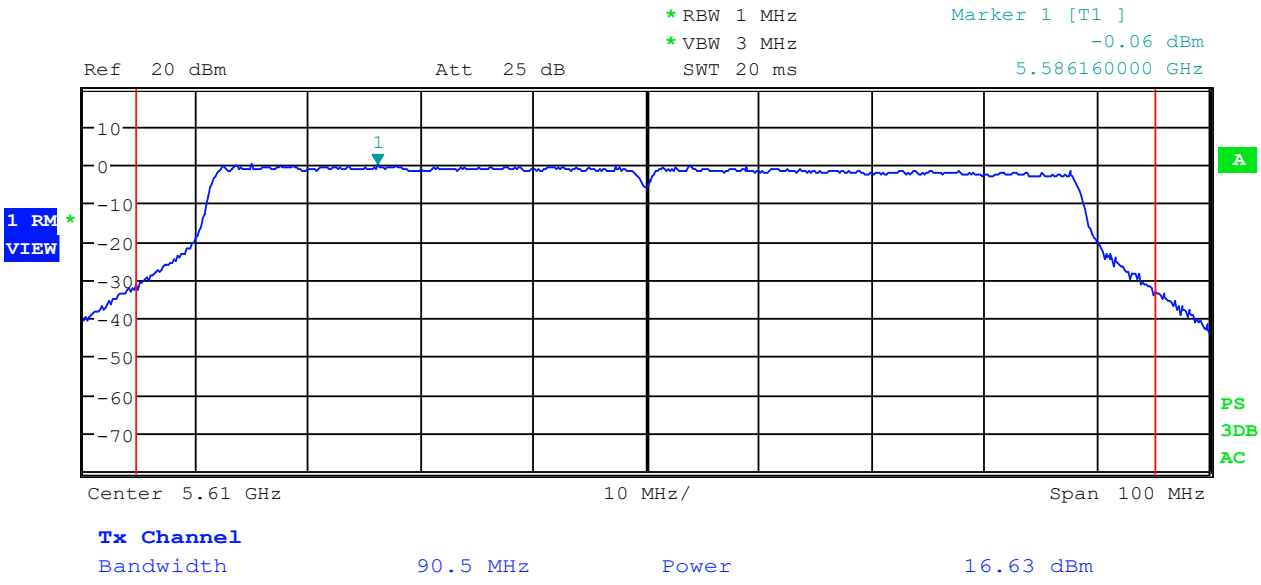
UNII 2C, Port 2: non HT40, High Channel (Beamforming)



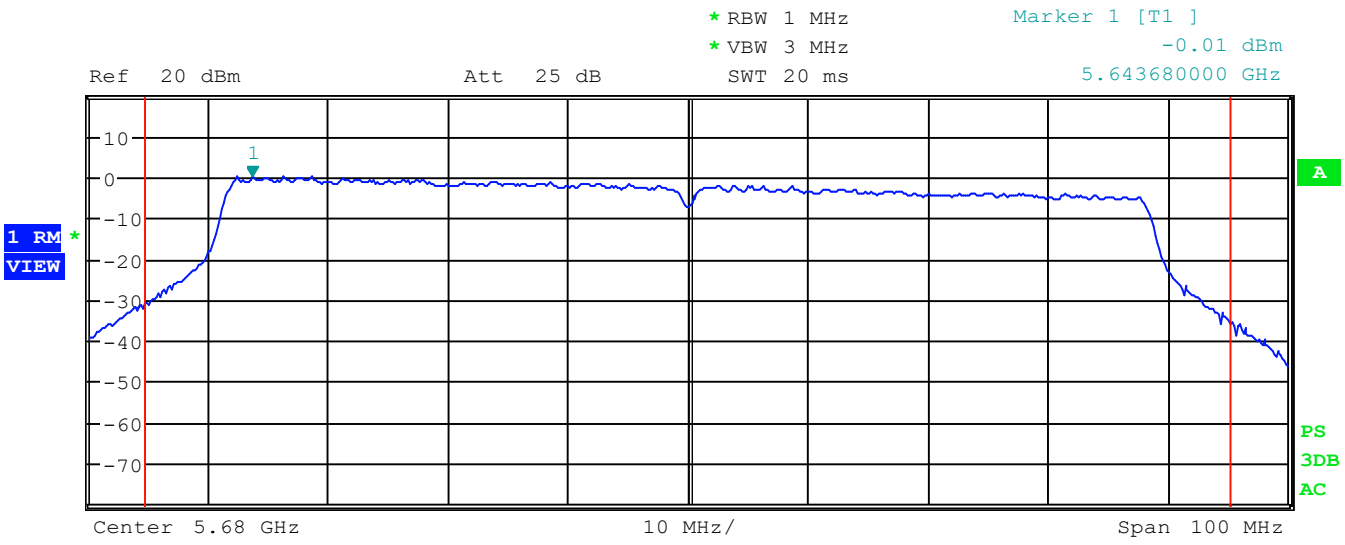
UNII 2C, Port 2: HT80, Low Channel (Beamforming)



UNII 2C, Port 2: HT80, Mid Channel (Beamforming)



UNII 2C, Port 2: HT80, High Channel (Beamforming)



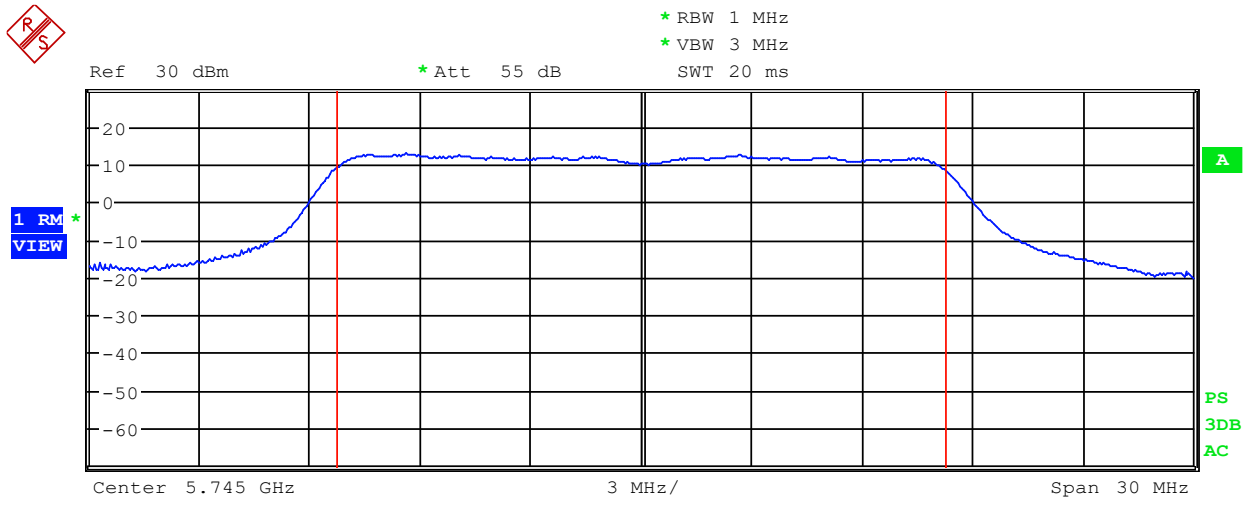
Tx Channel

Bandwidth	90.5 MHz	Power	15.57 dBm

RF OUTPUT POWER UNII 2C SUMMING PORT 1 AND PORT 2 (Beamforming)										
Modulation: OFDM										
Frequency (MHz)	Measure and Sum (Summing port 1 and port 2)				Limit		E.I.R.P.		Limit	
	Port 1 mW	Port 2 mW	Summed mW	Summed dBm	mW	dBm	mW	dBm	mW	dBm
5500	26.42	28.18	54.60	17.37	100	20	545.75	27.37	1000	30
5600	23.88	25.47	49.35	16.93	100	20	493.17	26.93	1000	30
5700	26.55	25.94	52.49	17.20	100	20	524.81	27.20	1000	30
Modulation: HT20										
Frequency (MHz)	Measure and Sum (Summing port 1 and port 2)				Limit		E.I.R.P.		Limit	
	Port 1 mW	Port 2 mW	Summed mW	Summed dBm	mW	dBm	mW	dBm	mW	dBm
5500	28.05	28.11	56.16	17.49	100	20	561.04	27.49	1000	30
5600	28.58	29.17	57.75	17.61	100	20	576.76	27.61	1000	30
5700	29.37	27.47	56.84	17.54	100	20	567.54	27.54	1000	30
Modulation: non HT40										
Frequency (MHz)	Measure and Sum (Summing port 1 and port 2)				Limit		E.I.R.P.		Limit	
	Port 1 mW	Port 2 mW	Summed mW	Summed dBm	mW	dBm	mW	dBm	mW	dBm
5510	39.90	33.57	73.47	18.66	100	20	734.51	28.66	1000	30
5590	41.88	41.80	83.68	19.22	100	20	835.60	29.22	1000	30
5690	41.21	41.30	82.51	19.17	100	20	826.04	29.17	1000	30
Modulation: HT40										
Frequency (MHz)	Measure and Sum (Summing port 1 and port 2)				Limit		E.I.R.P.		Limit	
	Port 1 mW	Port 2 mW	Summed mW	Summed dBm	mW	dBm	mW	dBm	mW	dBm
5510	44.87	39.26	84.13	19.24	100	20	839.45	29.24	1000	30
5590	42.95	43.25	86.20	19.35	100	20	860.99	29.35	1000	30
5690	41.21	42.27	83.48	19.22	100	20	835.60	29.22	1000	30
Modulation: HT80										
Frequency (MHz)	Measure and Sum (Summing port 1 and port 2)				Limit		E.I.R.P.		Limit	
	Port 1 mW	Port 2 mW	Summed mW	Summed dBm	mW	dBm	mW	dBm	mW	dBm
5530	39.08	41.21	80.29	19.04	100	20	801.67	29.04	1000	30
5610	44.26	46.03	90.29	19.56	100	20	903.65	29.56	1000	30
5680	38.46	36.06	74.52	18.72	100	20	744.73	28.72	1000	30

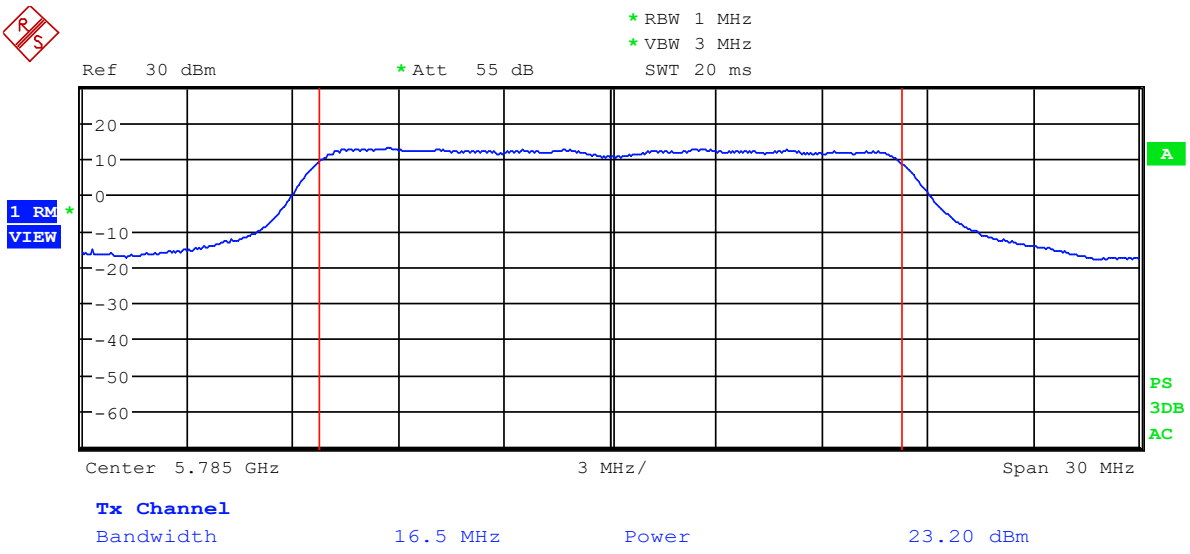
RF OUTPUT POWER UNII 3 Port 1 (Beamforming and Non-Beamforming Mode)									
Modulation: OFDM									
Channel	Frequency (MHz)	Measured Power		Limit		E.I.R.P.		Limit	
		mW	dBm	mW	dBm	mW	dBm	E.I.R.P (mW)	E.I.R.P (dBm)
Low	5745 (23.5)	193.64	22.87	794.0	29	970.51	29.87	4000	36
Mid	5785 (24)	208.92	23.20	794.0	29	1047.13	30.20	4000	36
High	5825 (24)	204.64	23.11	794.0	29	1025.65	30.11	4000	36
Modulation: HT20									
Channel	Frequency (MHz) / Power Setting	Measured Power		Limit		E.I.R.P.		Limit	
		mW	dBm	mW	dBm	mW	dBm	E.I.R.P (mW)	E.I.R.P (dBm)
Low	5745 (24)	195.88	22.92	794.0	29	981.75	29.92	4000	36
Mid	5785 (24)	206.53	23.15	794.0	29	1035.14	30.15	4000	36
High	5825 (24)	205.11	23.12	794.0	29	1028.02	30.12	4000	36
Modulation: NON HT40									
Channel	Frequency (MHz) / Power Setting	Measured Power		Limit		E.I.R.P.		Limit	
		mW	dBm	mW	dBm	mW	dBm	E.I.R.P (mW)	E.I.R.P (dBm)
Low	5755 (23)	184.50	22.66	794.0	29	924.69	29.66	4000	36
High	5795 (24)	196.78	22.94	794.0	29	986.27	29.94	4000	36
Modulation: HT40									
Channel	Frequency (MHz) / Power Setting	Measured Power		Limit		E.I.R.P.		Limit	
		mW	dBm	mW	dBm	mW	dBm	E.I.R.P (mW)	E.I.R.P (dBm)
Low	5755 (24)	204.64	23.11	794.0	29	1025.65	30.11	4000	36
High	5795 (24)	178.65	22.52	794.0	29	895.36	29.52	4000	36
Modulation: HT80									
Channel	Frequency (MHz) / Power Setting	Measured Power		Limit		E.I.R.P.		Limit	
		mW	dBm	mW	dBm	mW	dBm	E.I.R.P (mW)	E.I.R.P (dBm)
Mid	5775 (24)	182.39	22.61	794.0	29	914.11	29.61	4000	36

UNII 3, Port 1: OFDM, Low Channel (Beamforming and Non-beamforming)



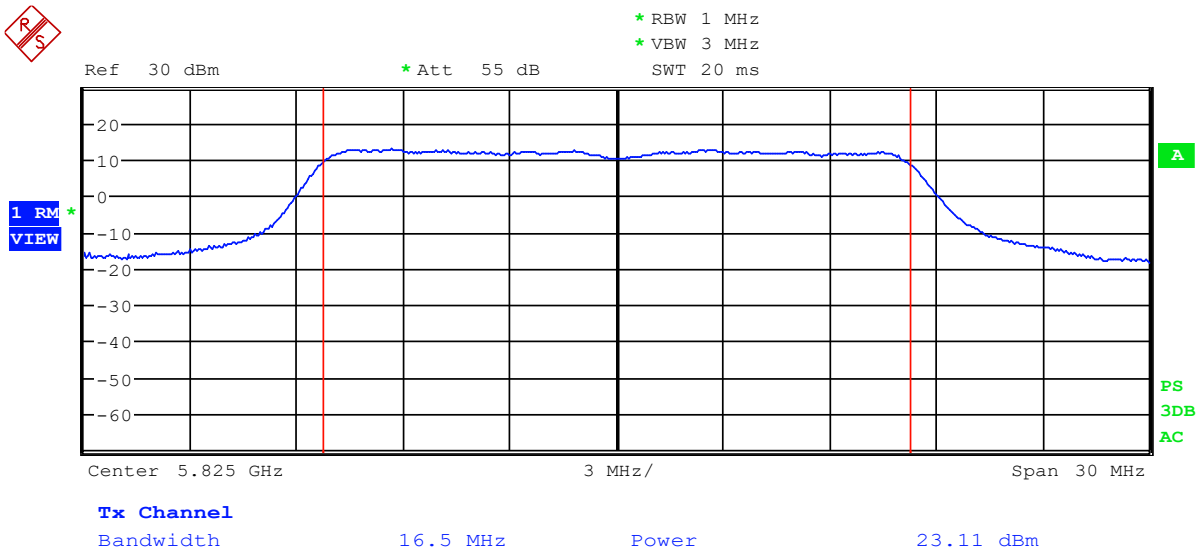
Date: 9.SEP.2021 16:51:09

UNII 3, Port 1: OFDM, Mid Channel (Beamforming and Non-beamforming)



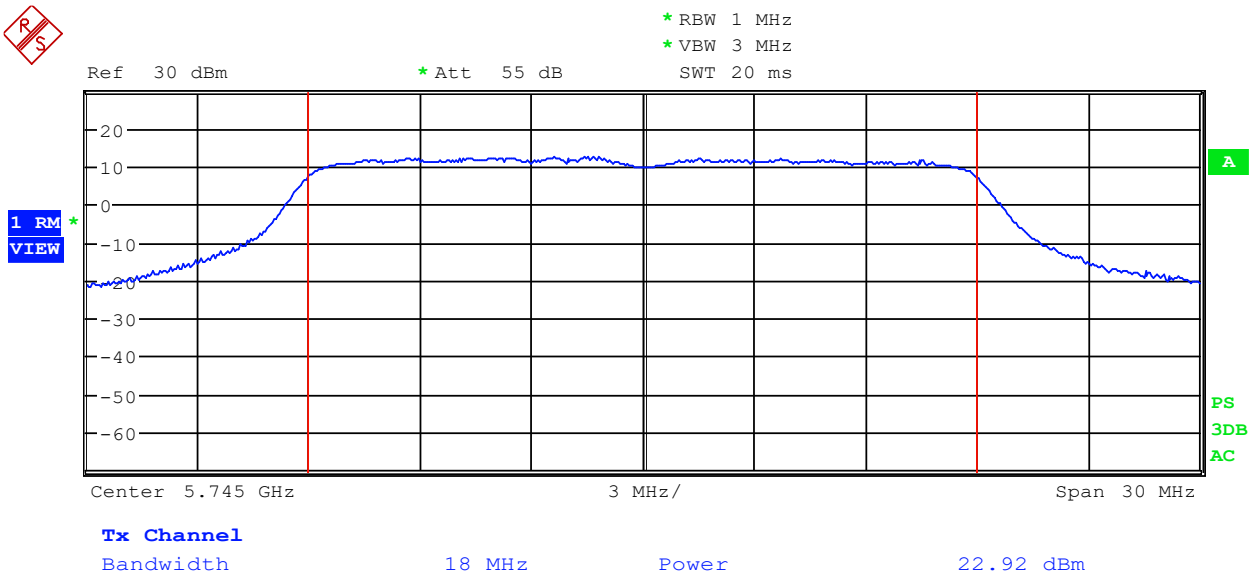
Date: 9.SEP.2021 16:52:12

UNII 3, Port 1: OFDM, High Channel (Beamforming and Non-beamforming)



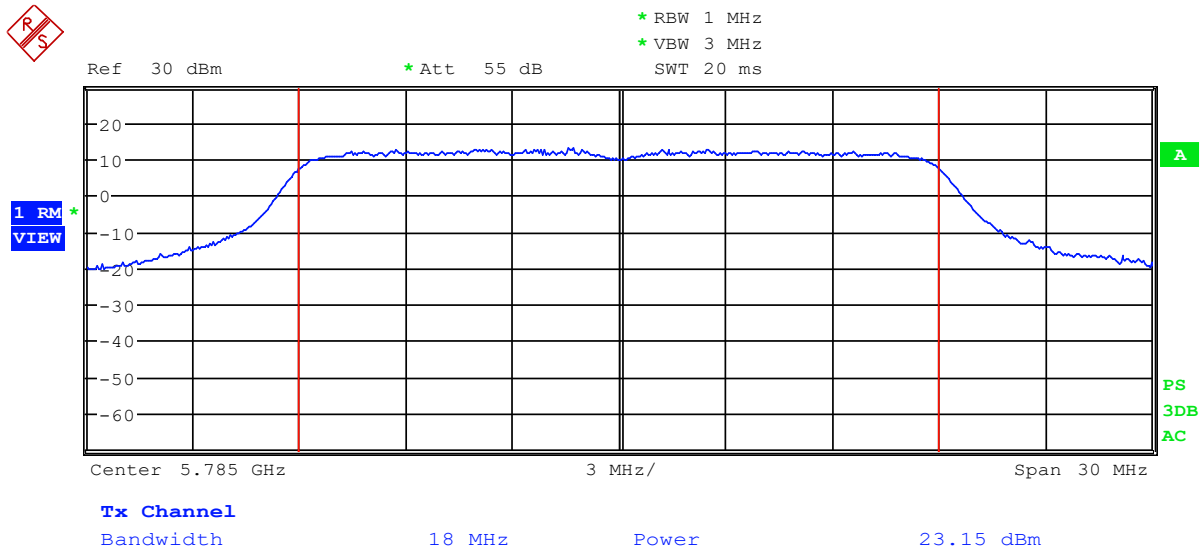
Date: 9.SEP.2021 16:53:05

UNII 3, Port 1: HT20, Low Channel (Beamforming and Non-beamforming)



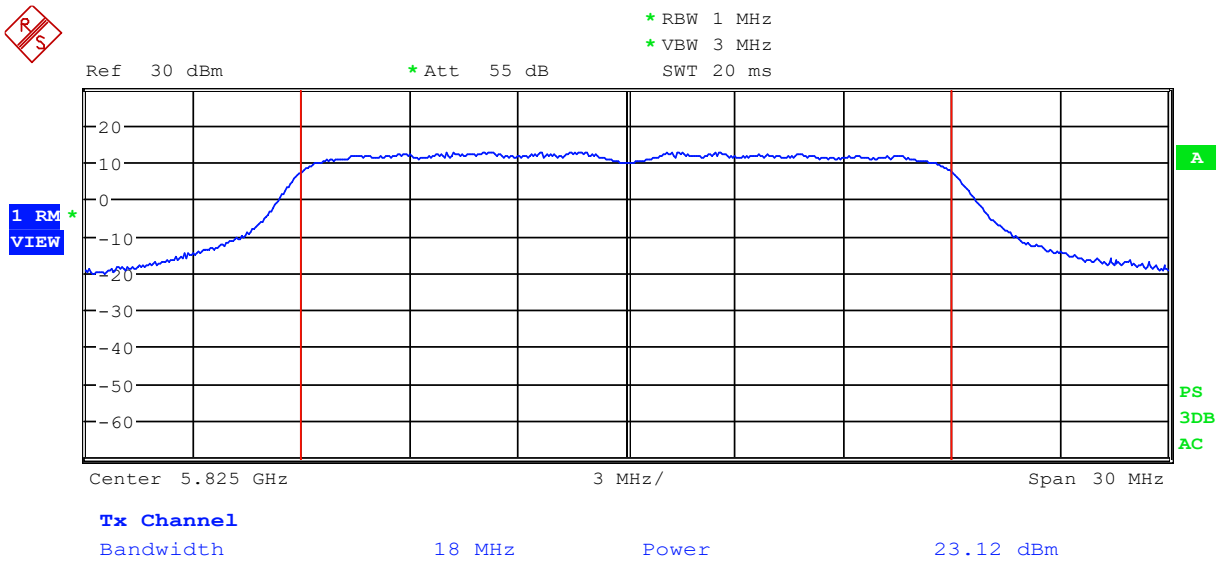
Date: 9.SEP.2021 16:54:35

UNII 3, Port 1: HT20, Mid Channel (Beamforming and Non-beamforming)



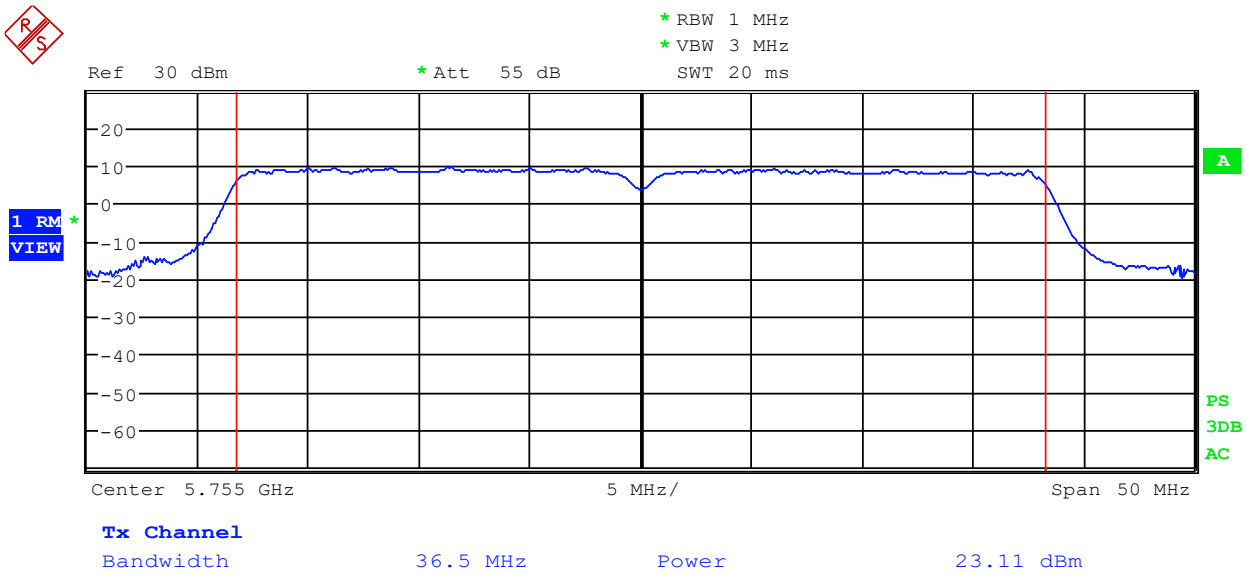
Date: 9.SEP.2021 16:55:26

UNII 3, Port 1: HT20, High Channel (Beamforming and Non-beamforming)



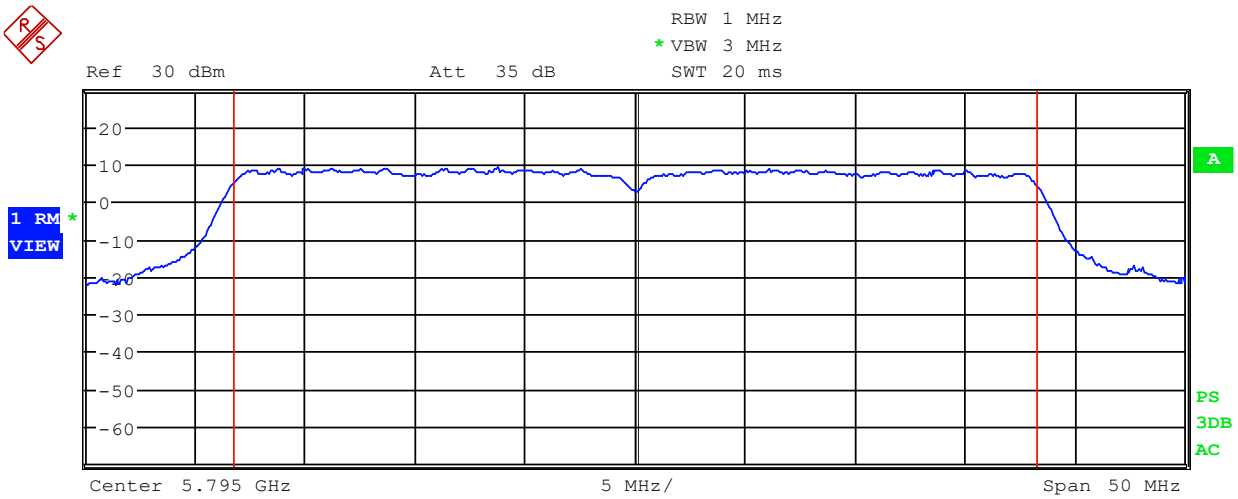
Date: 9.SEP.2021 16:56:06

UNII 3, Port 1: HT40, Low Channel (Beamforming and Non-beamforming)

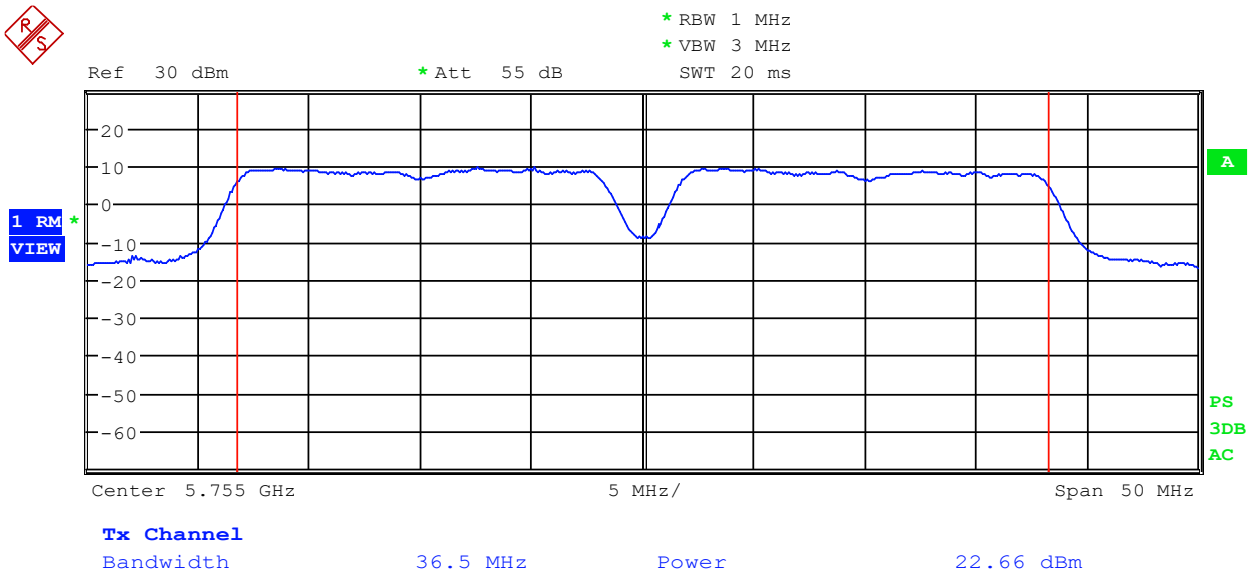


Date: 9.SEP.2021 17:01:00

UNII 3, Port 1: HT40, High Channel (Beamforming and Non-beamforming)

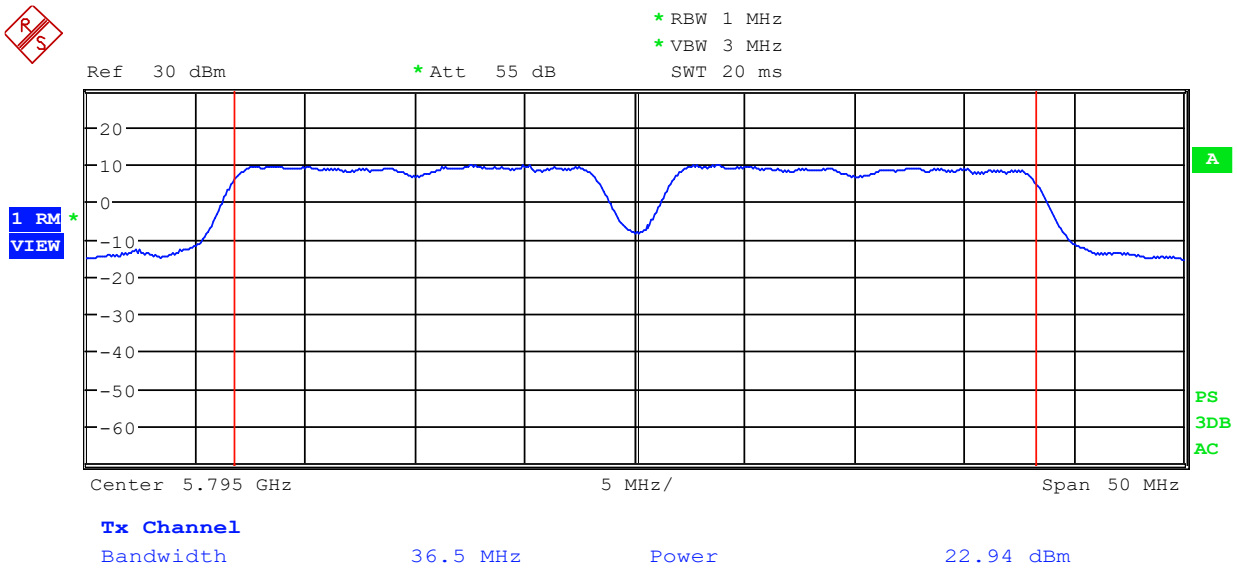


UNII 3, Port 1: non HT40, Low Channel (Beamforming and Non-beamforming)



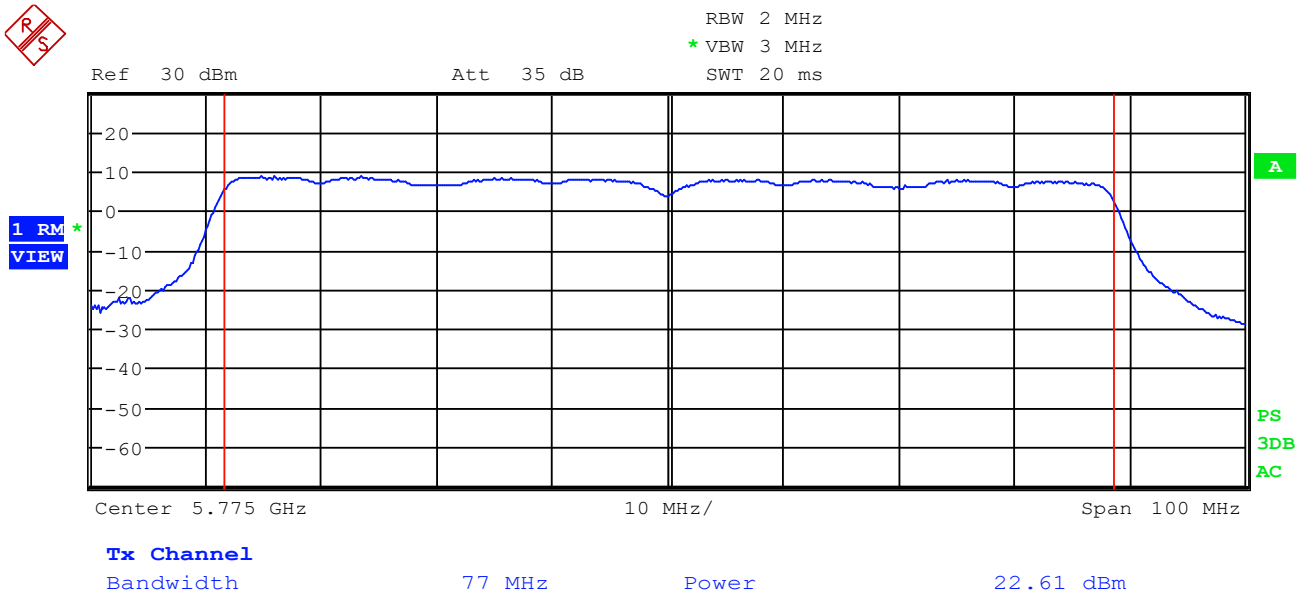
Date: 9.SEP.2021 16:58:45

UNII 3, Port 1: non HT40, High Channel (Beamforming and Non-beamforming)



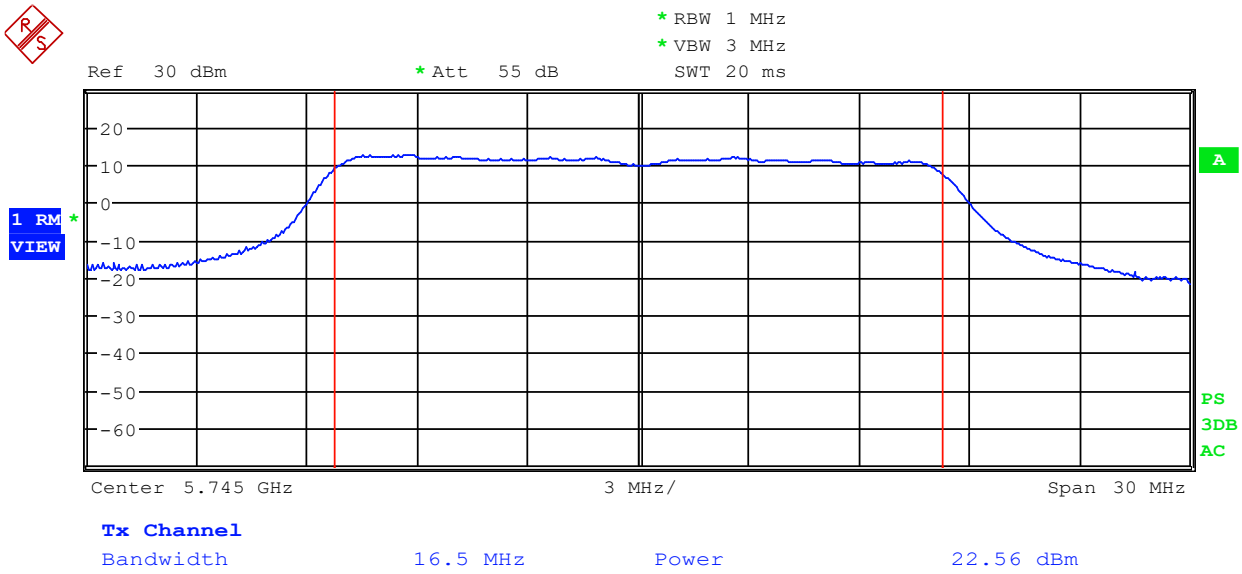
Date: 9.SEP.2021 16:59:37

UNII 3, Port 1: HT80 (Beamforming and Non-beamforming)



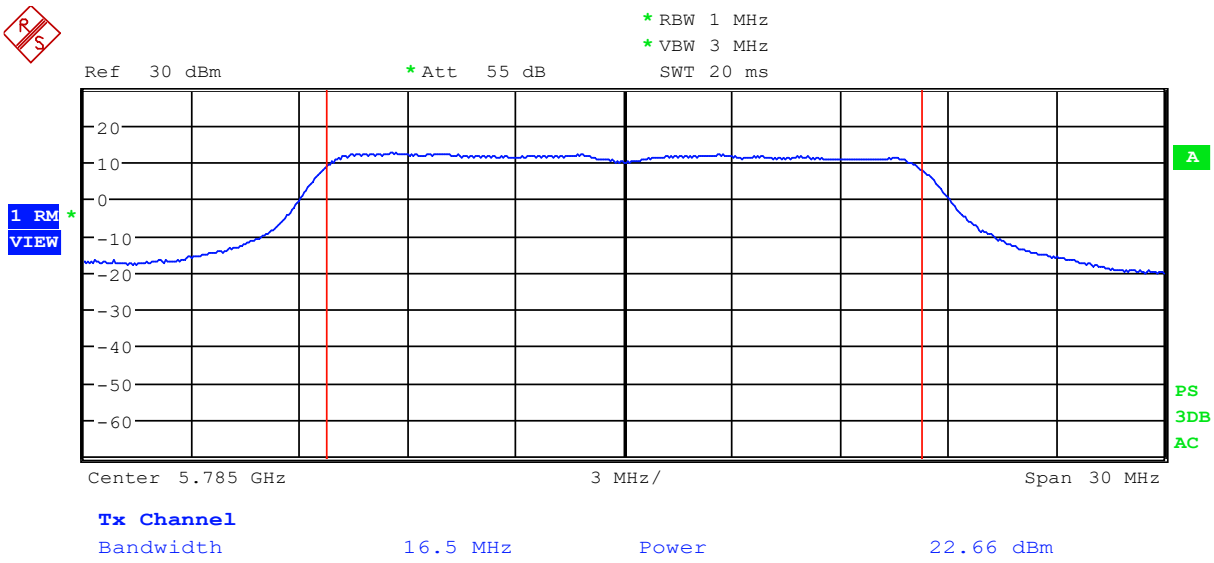
RF OUTPUT POWER UNII 3 Port 2 (Beamforming and Non-Beamforming Mode)									
Modulation: OFDM									
Channel	Frequency (MHz) / Power Setting	Measured Power		Limit		E.I.R.P.		Limit	
		mW	dBm	mW	dBm	mW	dBm	E.I.R.P (mW)	E.I.R.P (dBm)
Low	5745 (23)	180.30	22.56	794.0	29	903.65	29.56	4000	36
Mid	5785 (23)	184.50	22.66	794.0	29	924.70	29.66	4000	36
High	5825 (24)	169.82	22.30	794.0	29	851.14	29.30	4000	36
Modulation: HT20									
Channel	Frequency (MHz) / Power Setting	Measured Power		Limit		E.I.R.P.		Limit	
		mW	dBm	mW	dBm	mW	dBm	E.I.R.P (mW)	E.I.R.P (dBm)
Low	5745 (23)	182.81	22.62	794.0	29	916.22	29.62	4000	36
Mid	5785 (23)	185.78	22.69	794.0	29	931.10	29.69	4000	36
High	5825 (24)	178.24	22.51	794.0	29	893.31	29.51	4000	36
Modulation: NON HT40									
Channel	Frequency (MHz) / Power Setting	Measured Power		Limit		E.I.R.P.		Limit	
		mW	dBm	mW	dBm	mW	dBm	E.I.R.P (mW)	E.I.R.P (dBm)
Low	5755 (23)	173.38	22.39	794.0	29	868.96	29.39	4000	36
High	5795 (23)	178.64	22.52	794.0	29	895.36	29.52	4000	36
Modulation: HT40									
Channel	Frequency (MHz) / Power Setting	Measured Power		Limit		E.I.R.P.		Limit	
		mW	dBm	mW	dBm	mW	dBm	E.I.R.P (mW)	E.I.R.P (dBm)
Low	5755 (23.5)	191.42	22.82	794.0	29	959.40	29.82	4000	36
High	5795 (24)	201.00	23.03	794.0	29	1006.93	30.03	4000	36
Modulation: HT80									
Channel	Frequency (MHz) / Power Setting	Measured Power		Limit		E.I.R.P.		Limit	
		mW	dBm	mW	dBm	mW	dBm	E.I.R.P (mW)	E.I.R.P (dBm)
Mid	5775 (24)	186.63	22.71	794.0	29	935.41	29.71	4000	36

UNII 3, Port 2: OFDM, Low Channel (Beamforming and Non-beamforming)



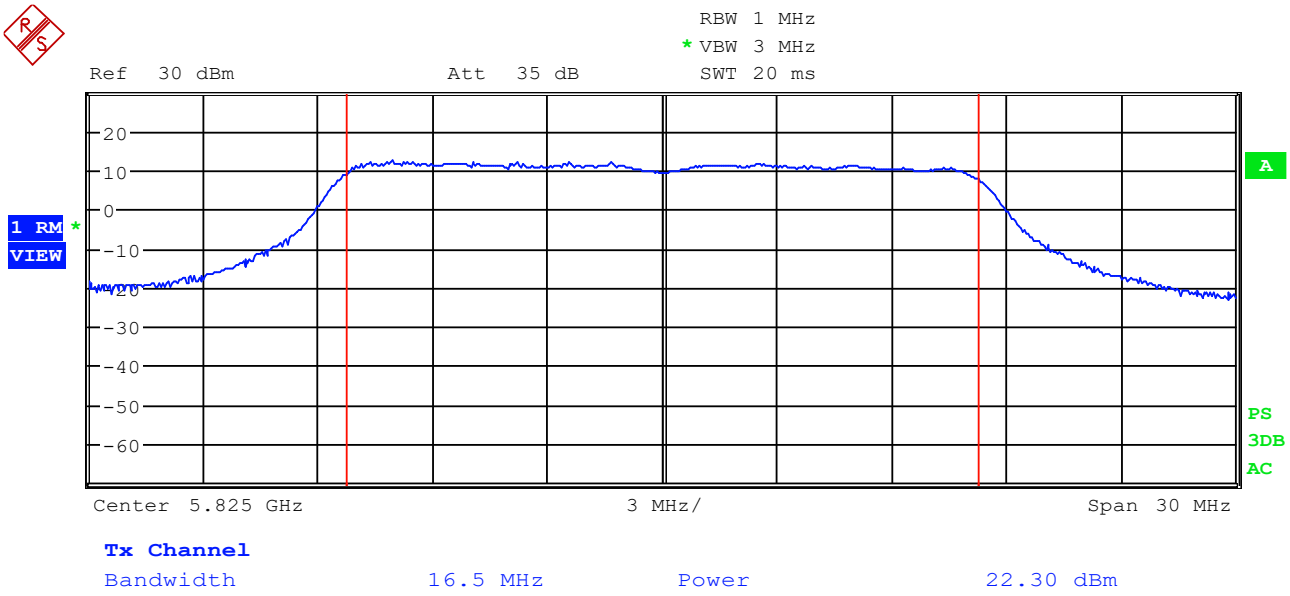
Date: 9.SEP.2021 17:09:04

UNII 3, Port 2: OFDM, Mid Channel (Beamforming and Non-beamforming)

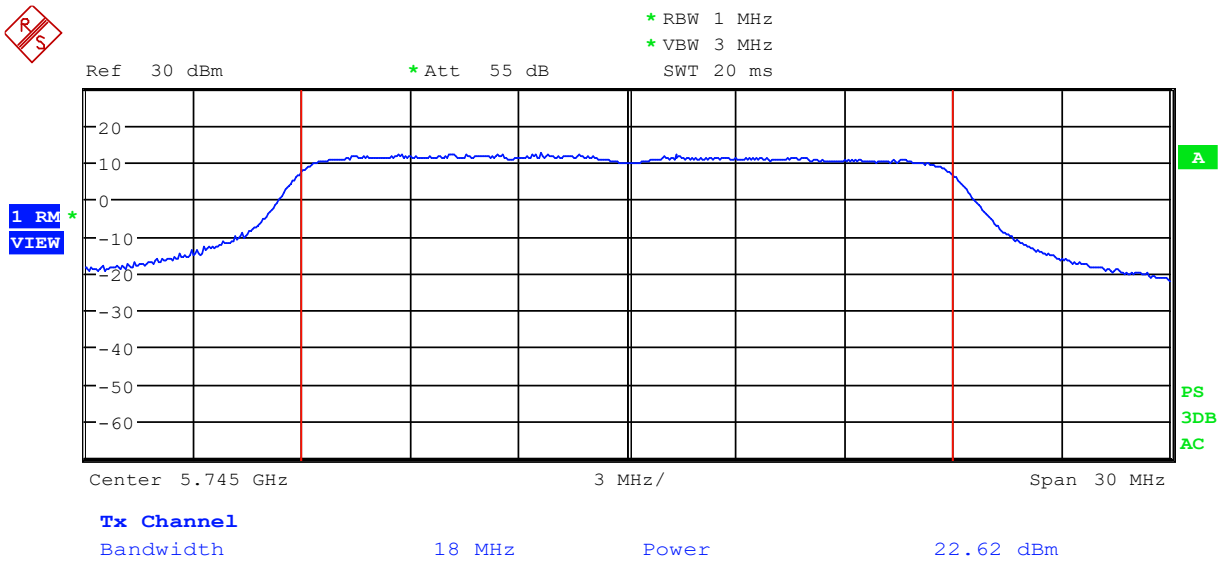


Date: 9.SEP.2021 17:09:48

UNII 3, Port 2: OFDM, High Channel (Beamforming and Non-beamforming)

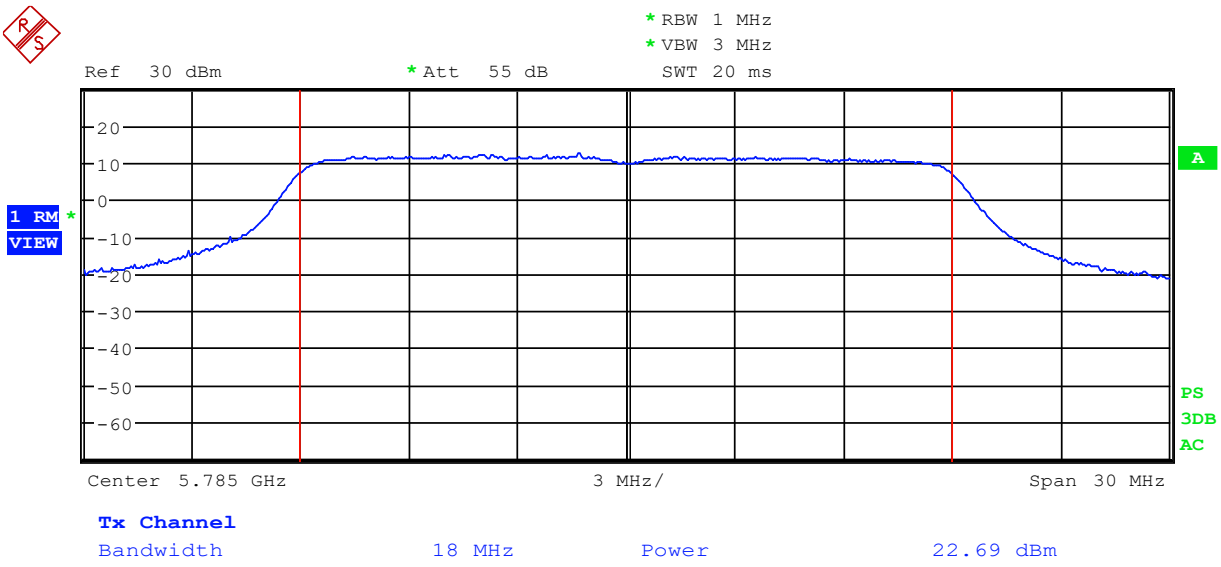


UNII 3, Port 2: HT20, Low Channel (Beamforming and Non-beamforming)



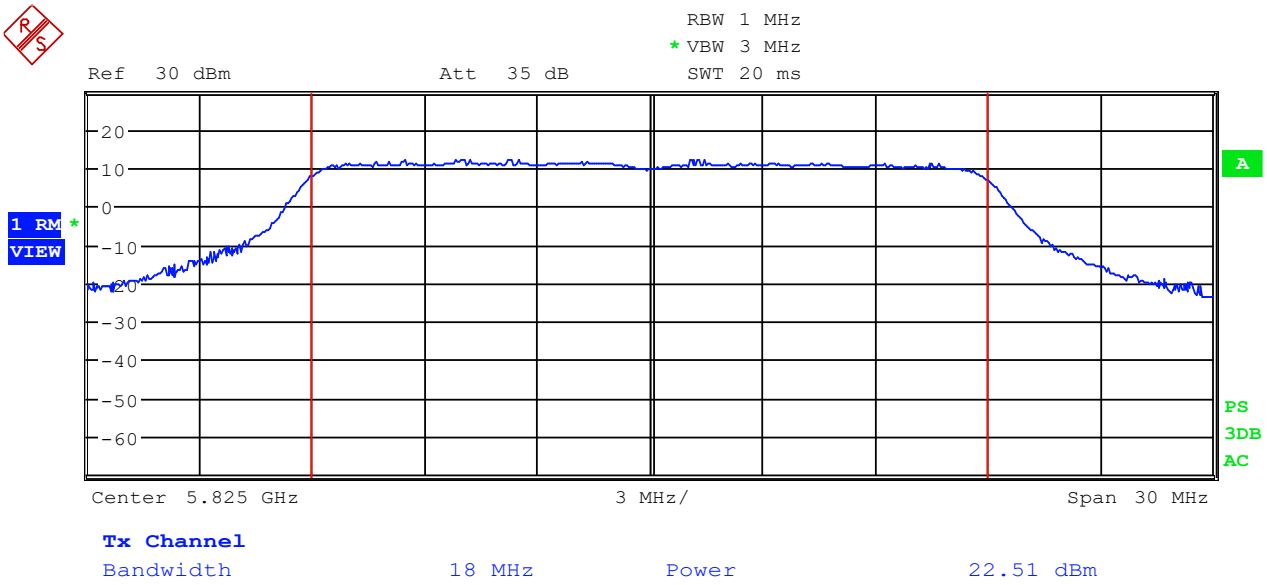
Date: 9.SEP.2021 17:12:06

UNII 3, Port 2: HT20, Mid Channel (Beamforming and Non-beamforming)

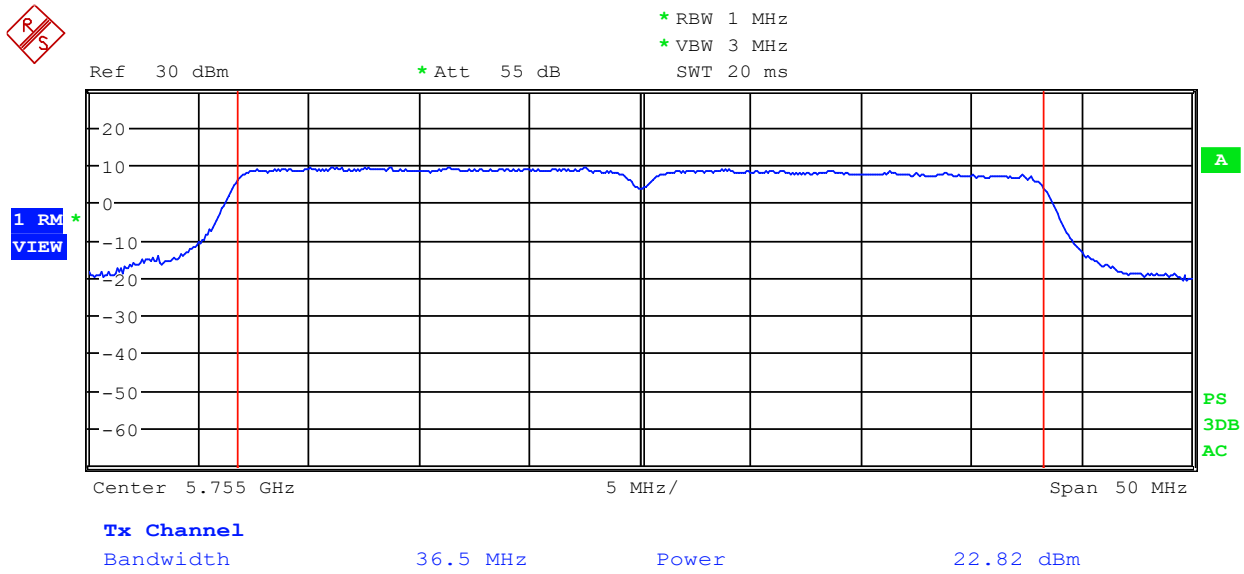


Date: 9.SEP.2021 17:12:47

UNII 3, Port 2: HT20, High Channel (Beamforming and Non-beamforming)

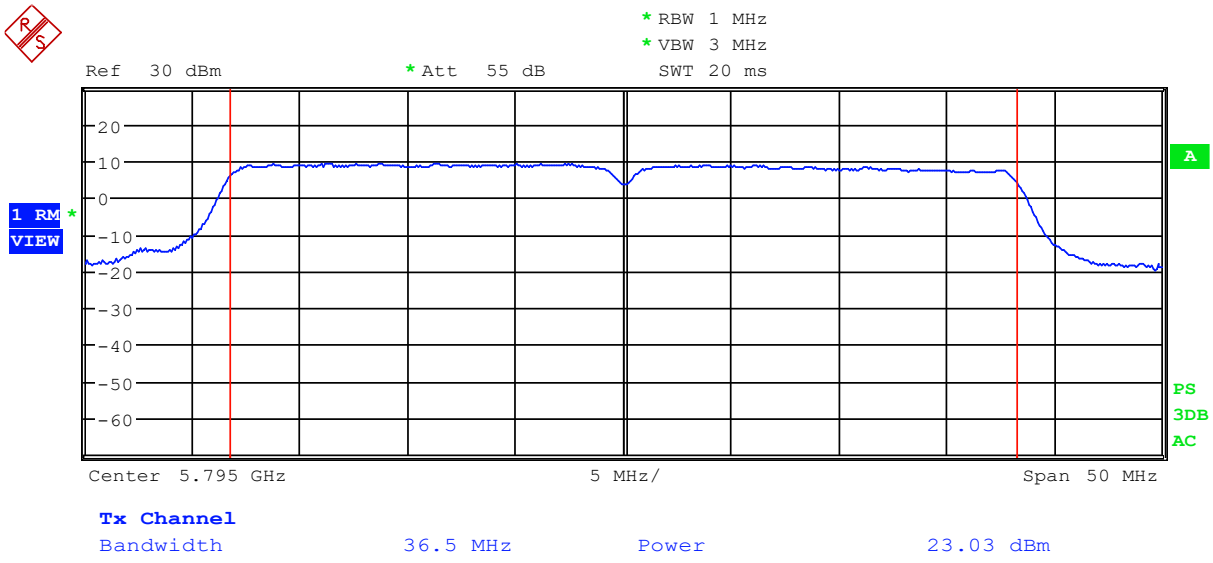


UNII 3, Port 2: HT40, Low Channel (Beamforming and Non-beamforming)



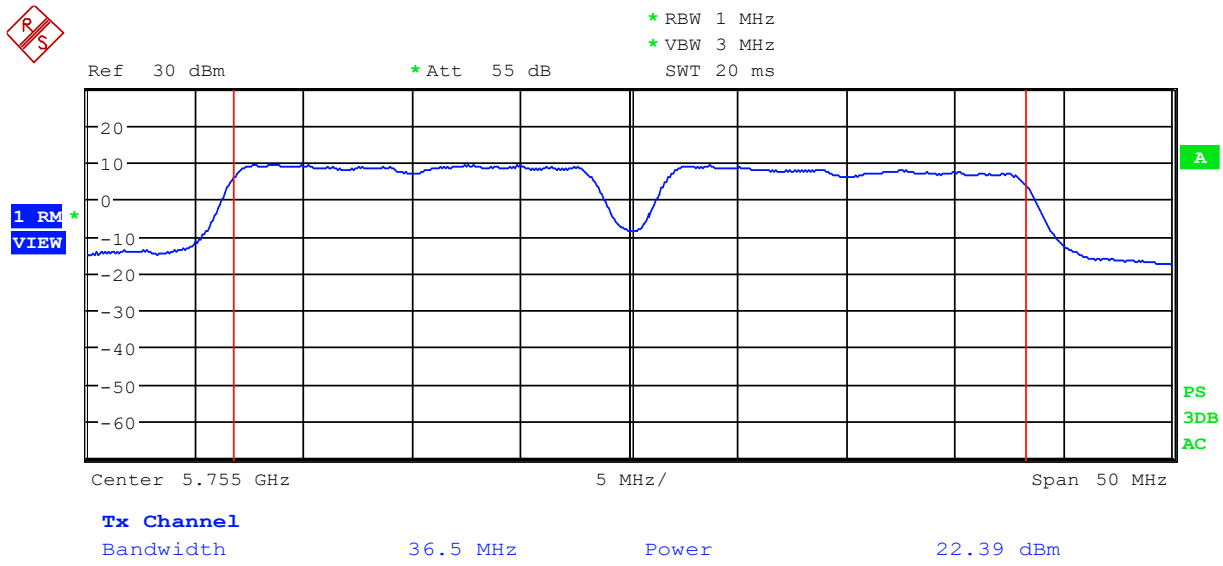
Date: 9.SEP.2021 17:18:34

UNII 3, Port 2: HT40, High Channel (Beamforming and Non-beamforming)



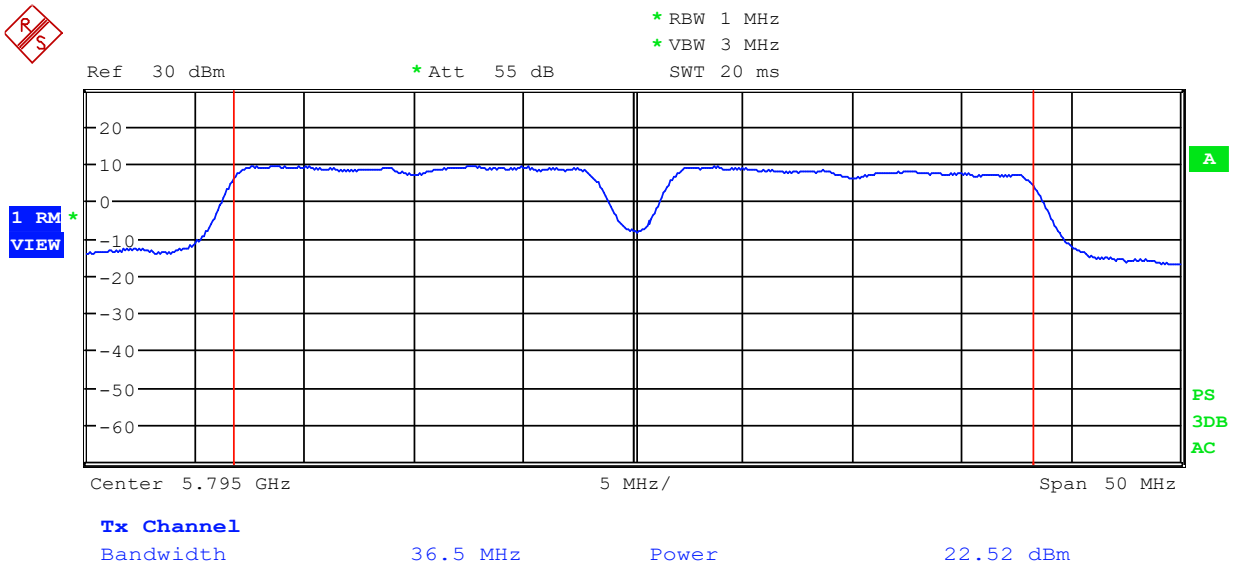
Date: 9.SEP.2021 17:19:21

UNII 3, Port 2: non HT40, Low Channel (Beamforming and Non-beamforming)



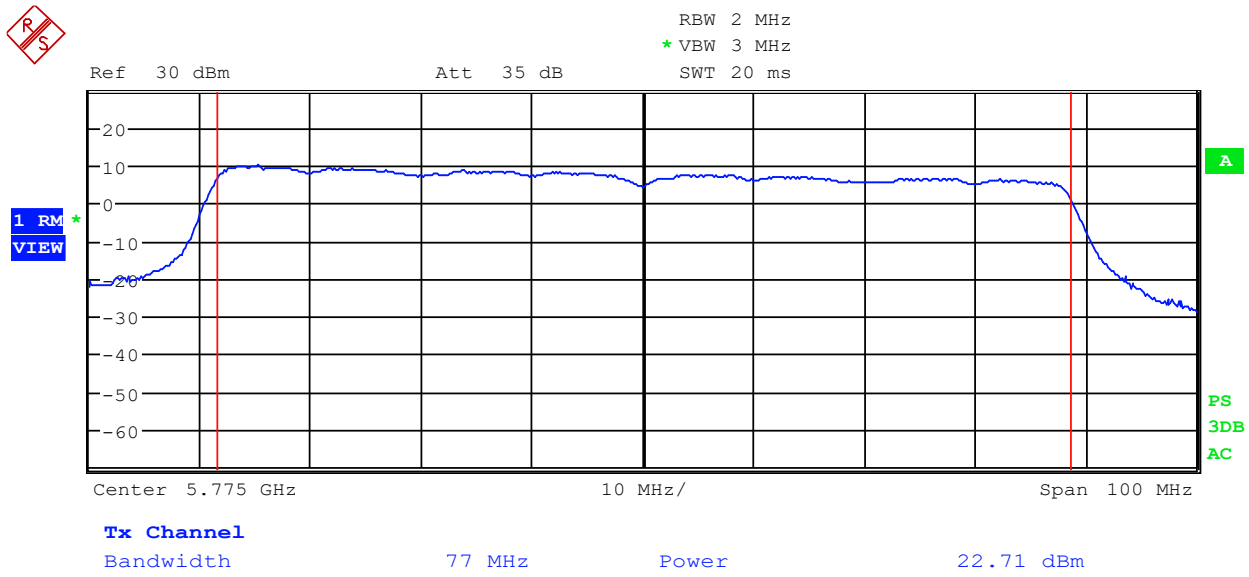
Date: 9.SEP.2021 17:16:11

UNII 3, Port 2: non HT40, High Channel (Beamforming and Non-beamforming)



Date: 9.SEP.2021 17:17:28

UNII 3, Port 2: HT80 (Beamforming and Non-beamforming)



RF OUTPUT POWER UNII 3 SUMMING PORT 1 AND PORT 2 (Beamforming data)										
Modulation: OFDM										
Frequency (MHz)	Measure and Sum (Summing port 1 and port 2)				Limit		E.I.R.P.		Limit	
	Port 1 mW	Port 2 mW	Summed mW	Summed dBm	mW	dBm	mW	dBm	mW	dBm
5745	193.64	180.3	373.94	25.72	398.1	26	3732.50	35.72	4000	36
5785	208.92	184.5	393.42	25.94	398.1	26	3926.45	35.94	4000	36
5825	204.64	169.82	374.46	25.73	398.1	26	3741.11	35.73	4000	36
Modulation: HT20										
Frequency (MHz)	Measure and Sum (Summing port 1 and port 2)				Limit		E.I.R.P.		Limit	
	Port 1 mW	Port 2 mW	Summed mW	Summed dBm	mW	dBm	mW	dBm	mW	dBm
5745	195.88	182.81	378.69	25.78	398.1	26	3784.42	35.78	4000	36
5785	206.53	185.78	392.31	25.93	398.1	26	3917.42	35.93	4000	36
5825	205.11	178.24	383.35	25.84	398.1	26	3837.07	35.84	4000	36
Modulation: non HT40										
Frequency (MHz)	Measure and Sum (Summing port 1 and port 2)				Limit		E.I.R.P.		Limit	
	Port 1 mW	Port 2 mW	Summed mW	Summed dBm	mW	dBm	mW	dBm	mW	dBm
5755	184.5	173.38	357.88	25.53	398.1	26	3572.73	35.53	4000	36
5795	196.78	178.64	375.42	25.74	398.1	26	3749.73	35.74	4000	36
Modulation: HT40										
Frequency (MHz)	Measure and Sum (Summing port 1 and port 2)				Limit		E.I.R.P.		Limit	
	Port 1 mW	Port 2 mW	Summed mW	Summed dBm	mW	dBm	mW	dBm	mW	dBm
5755	204.64	191.42	396.06	25.97	398.1	26	3953.67	35.97	4000	36
5795	178.65	201.00	379.65	25.79	398.1	26	3793.15	35.79	4000	36
Modulation: HT80										
Frequency (MHz)	Measure and Sum (Summing port 1 and port 2)				Limit		E.I.R.P.		Limit	
	Port 1 mW	Port 2 mW	Summed mW	Summed dBm	mW	dBm	mW	dBm	mW	dBm
5775	182.39	186.63	369.02	25.67	398.1	26	3689.78	35.67	4000	36

8 PEAK POWER SPECTRAL DENSITY (PSD)

Peak power spectral density measurements were performed.

8.1 Requirements:

For an outdoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6dBi. In addition, the maximum power spectral density shall not exceed 17dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi. The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125mW (21dBm).

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz. **In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band.** If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

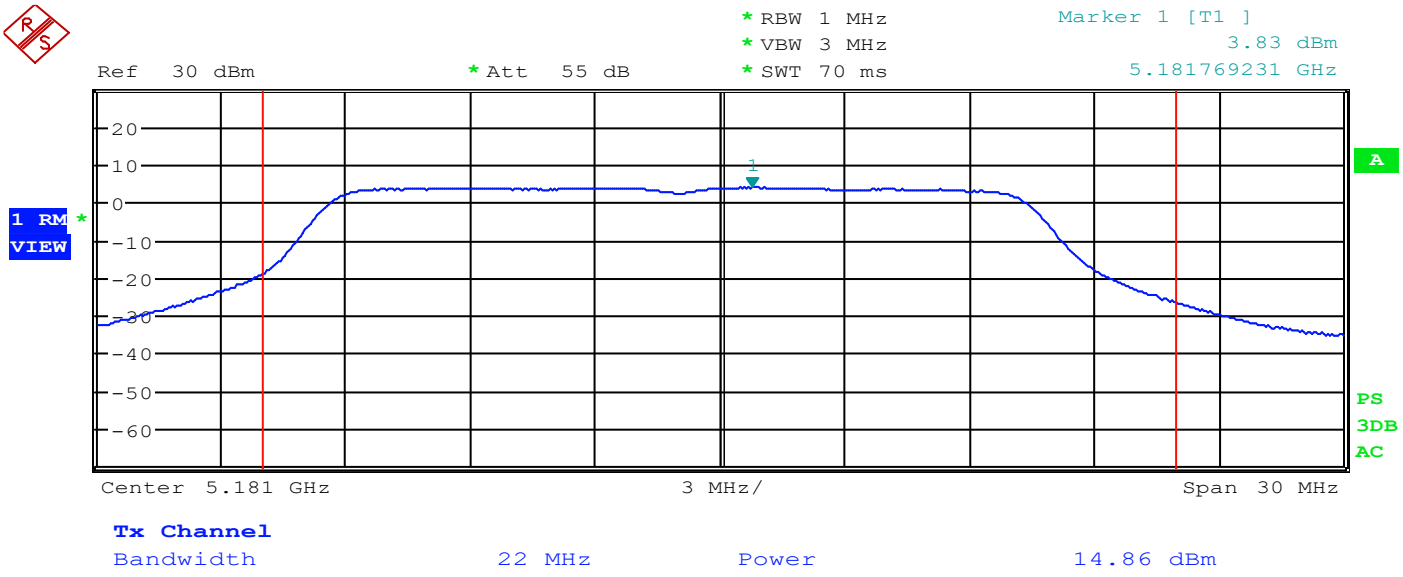
For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1W**. In addition, the maximum power spectral density shall not exceed 30dBm in any 500 kHz band.**

8.2 Peak Power Spectral Density Test Data

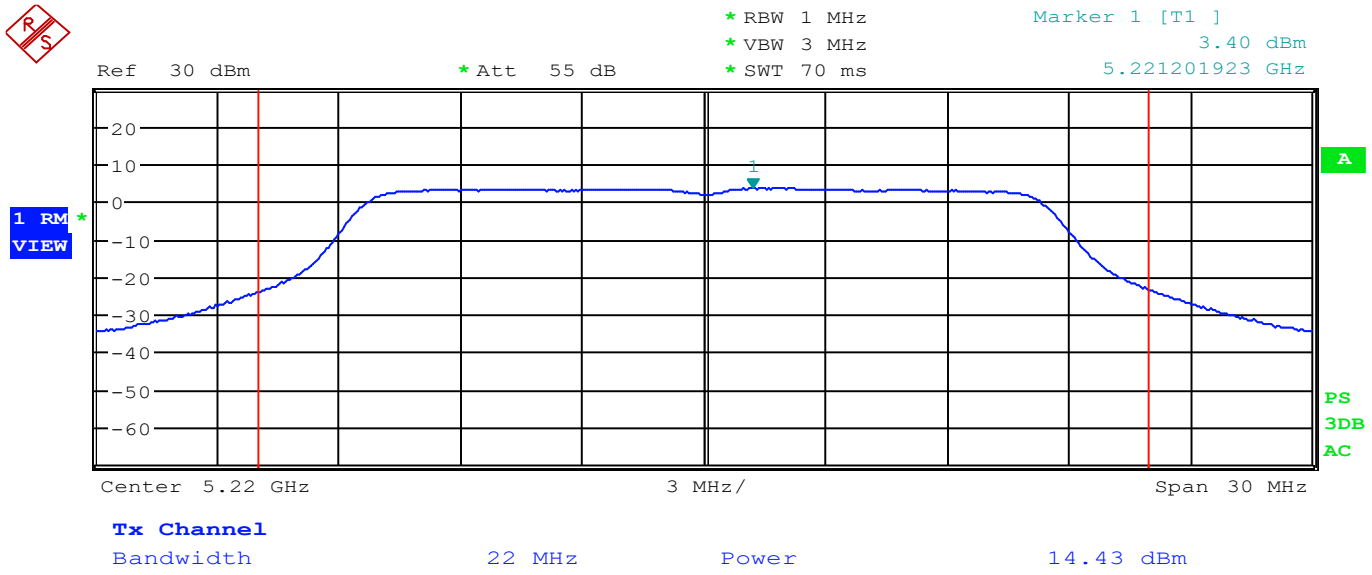
Test Date(s):	2021-09-08 to 2021-09-09; 2022-03-21	Test Engineer:	J. Chiller
Standards:	CFR 47 Part 15.407(a)(1,3); KDB789033	Air Temperature:	22.4ºC; 20.3ºC
		Relative Humidity:	39%; 37%

POWER SPECTRAL DENSITY UNII 1- Port 1 (Non-Beamforming Mode)			
Channel	**Frequency (MHz)**	**Measured Power (dbm)**	**Limit (dbm)**
Modulation: OFDM			
Low	5180	3.83	16
Mid	5220	3.40	16
High	5240	3.16	16
Modulation: HT20			
Low	5180	3.49	16
Mid	5220	3.36	16
High	5240	3.03	16
Modulation: non HT40			
Low	5190	0.87	16
High	5230	0.18	16
Modulation: HT40			
Low	5190	0.58	16
High	5230	0.23	16
Modulation: HT80			
Mid	5210	-2.96	16

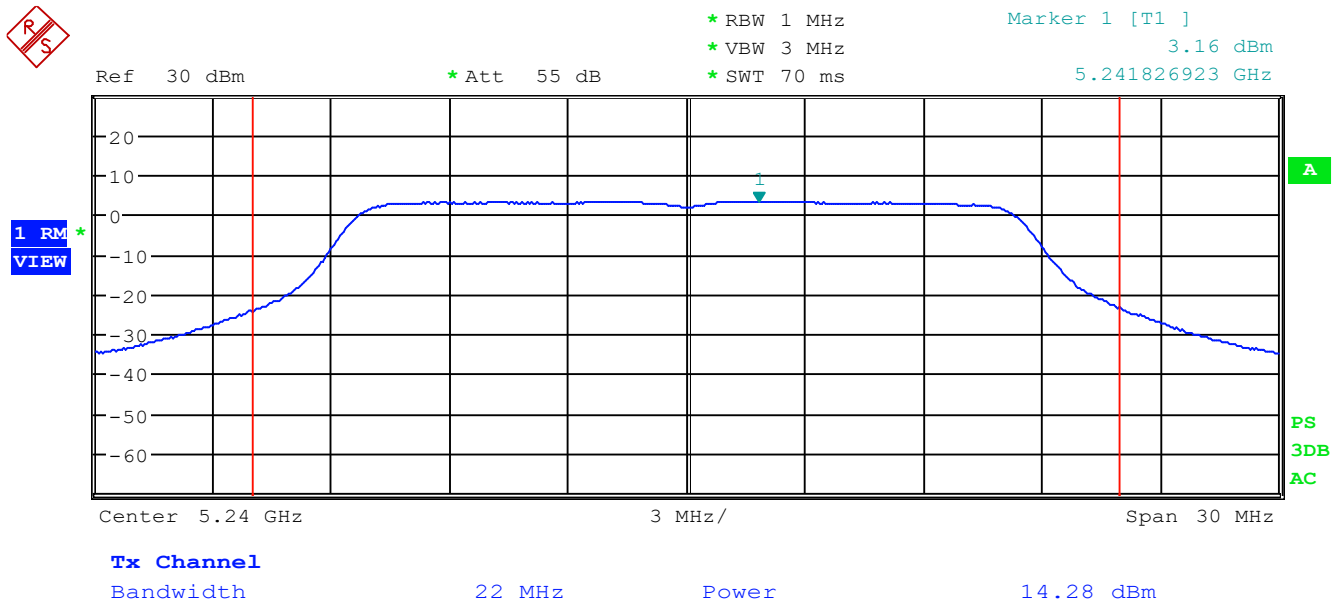
UNII 1, Port 1: OFDM, Low Channel



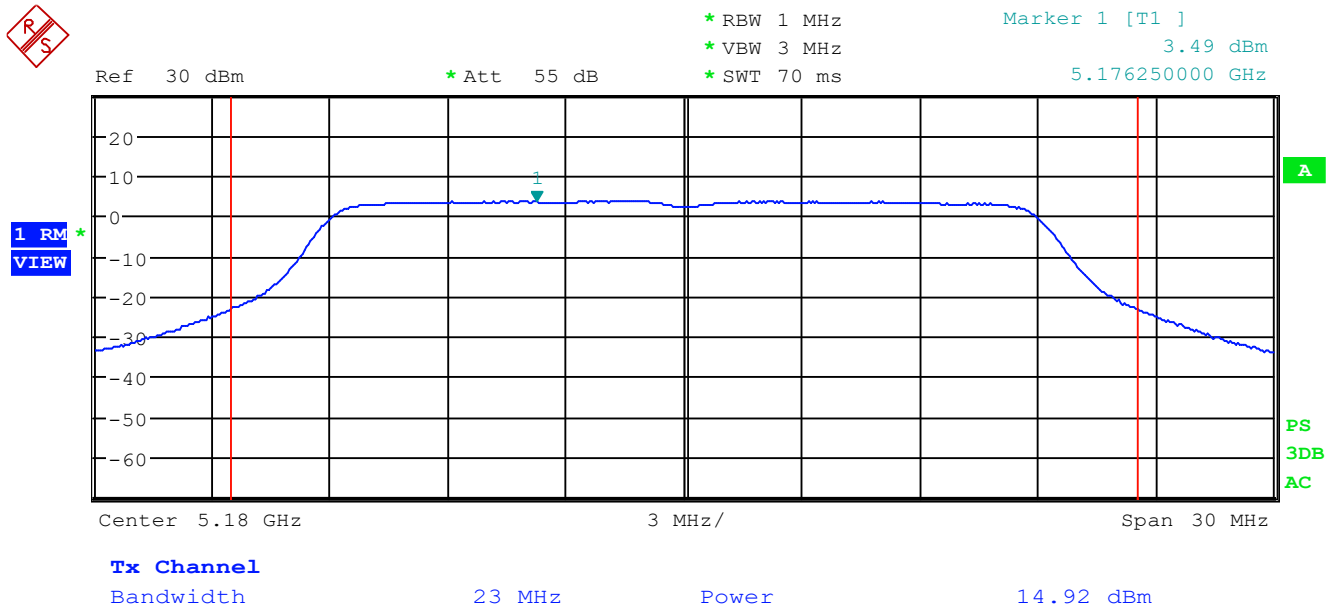
UNII 1, Port 1: OFDM, Mid Channel



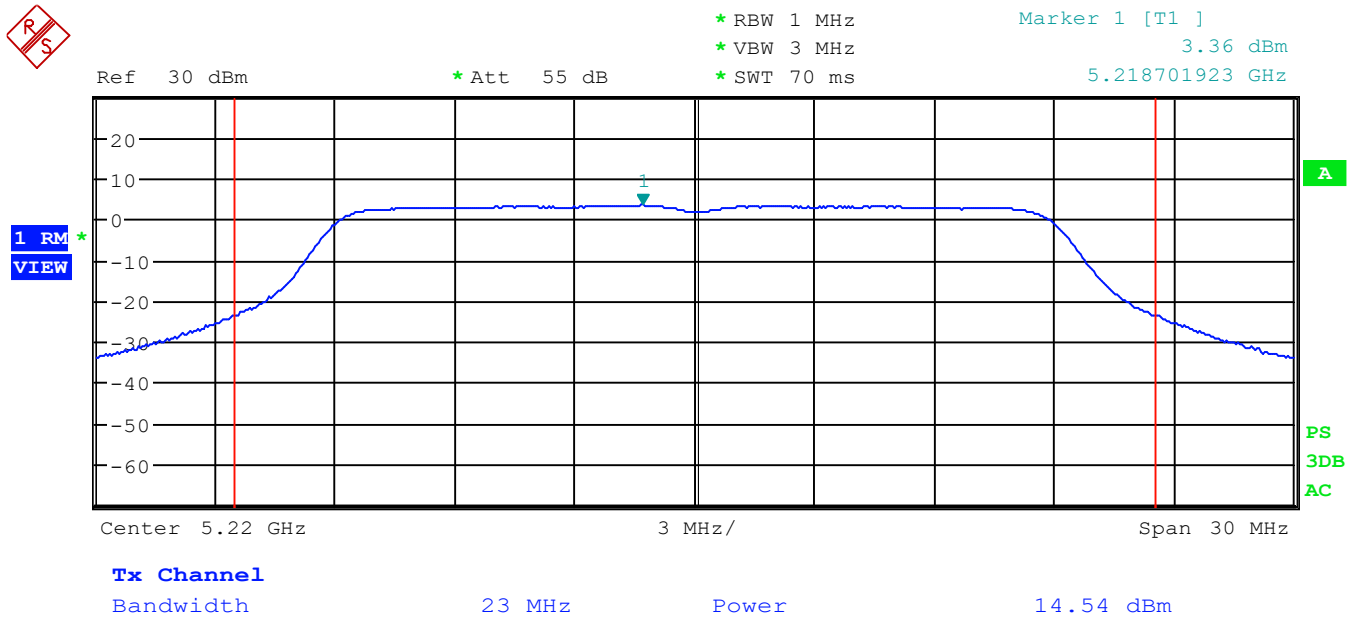
UNII 1, Port 1: OFDM, High Channel



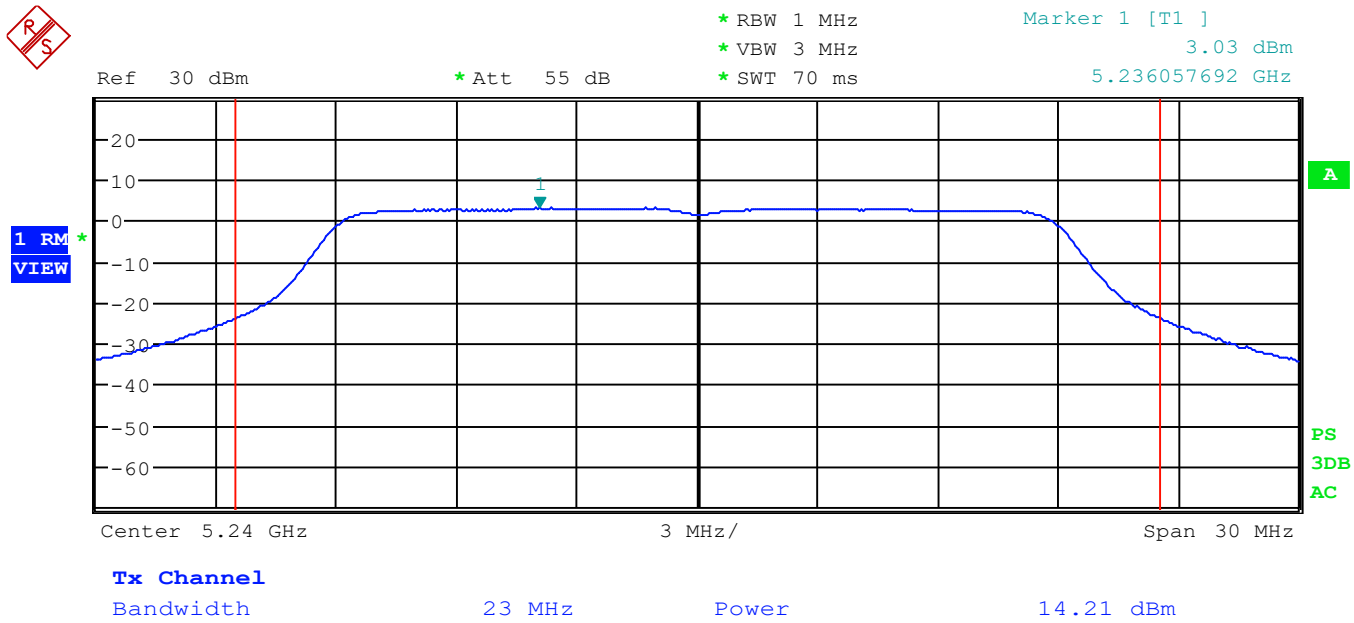
UNII 1, Port 1: HT20, Low Channel



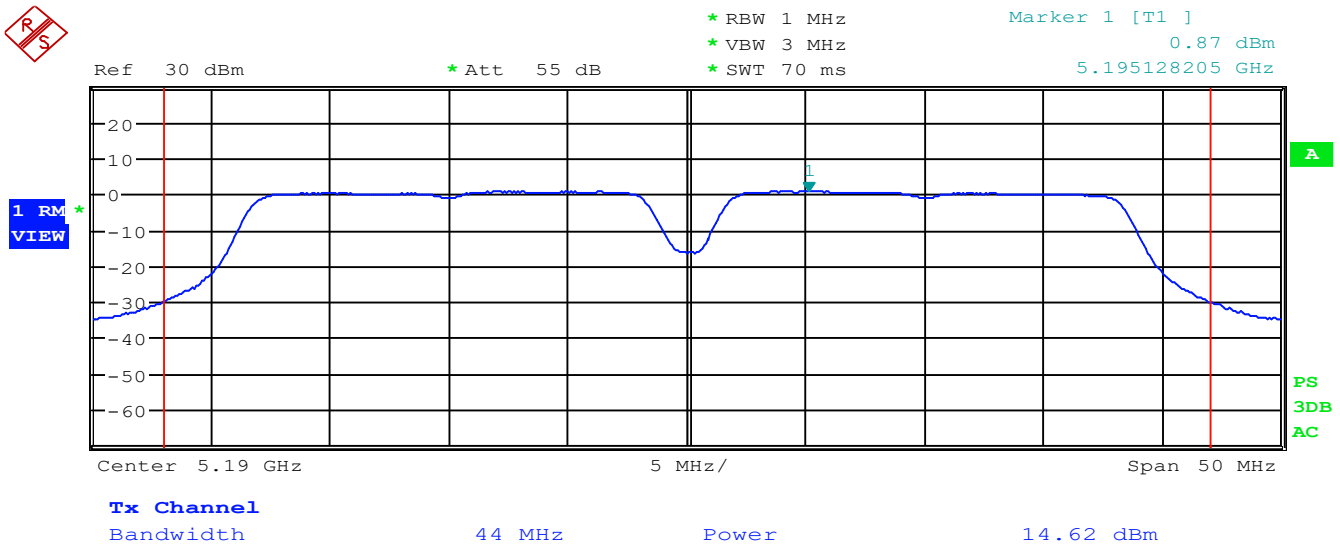
UNII 1, Port 1: HT20, Mid Channel



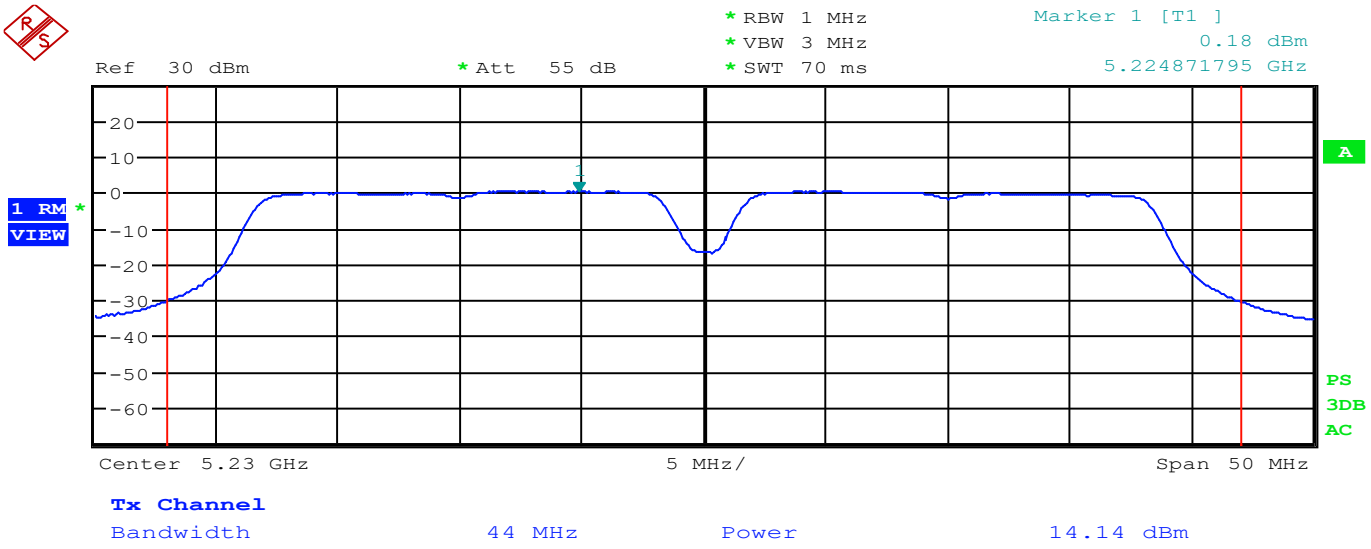
UNII 1, Port 1: HT20, High Channel



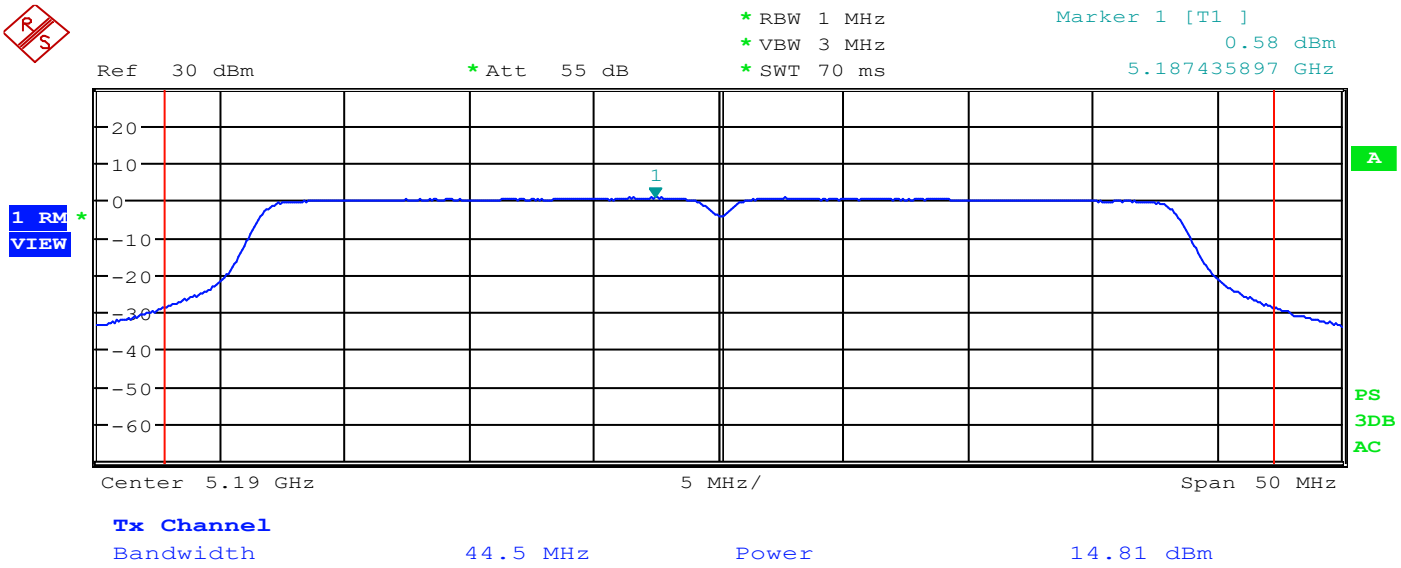
UNII 1, Port 1: non HT40, Low Channel



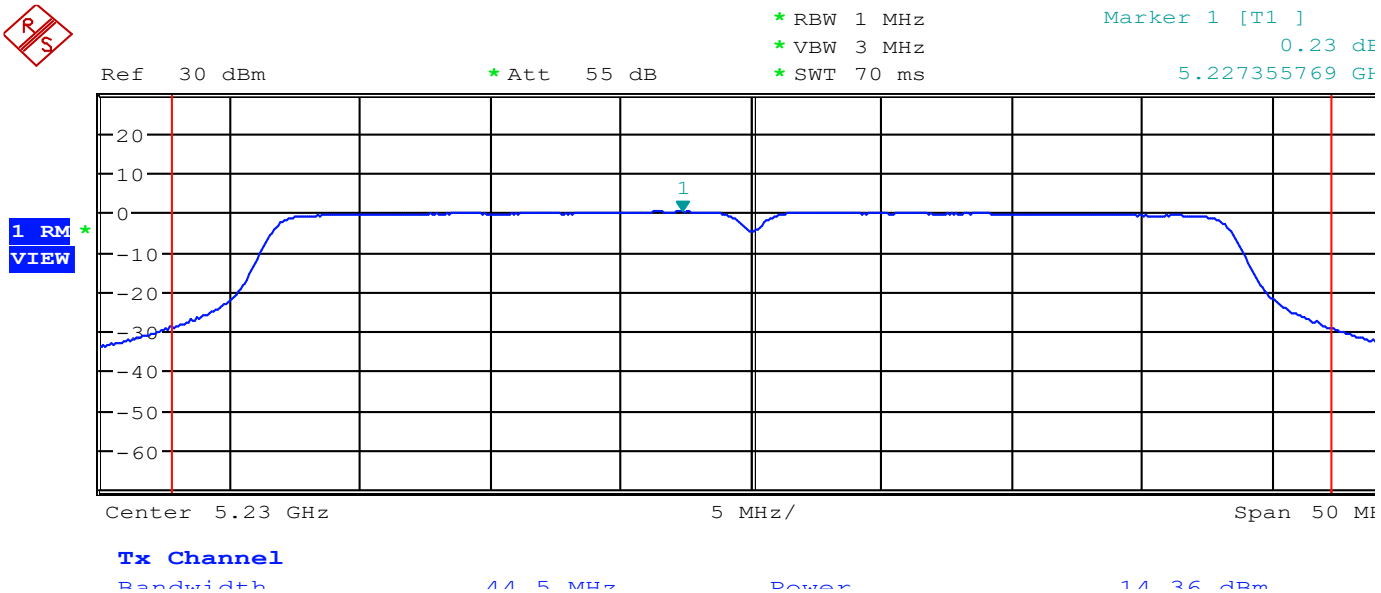
UNII 1, Port 1: non HT40, High Channel



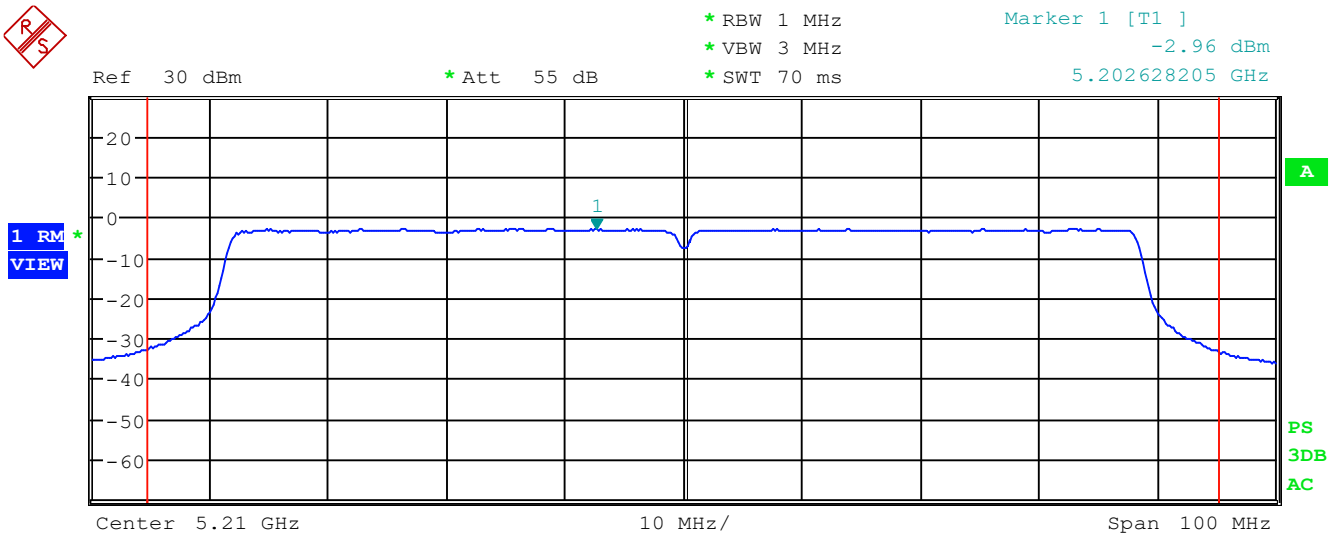
UNII 1, Port 1: HT40, Low Channel



UNII 1, Port 1: HT40, High Channel



UNII 1, Port 1: HT80

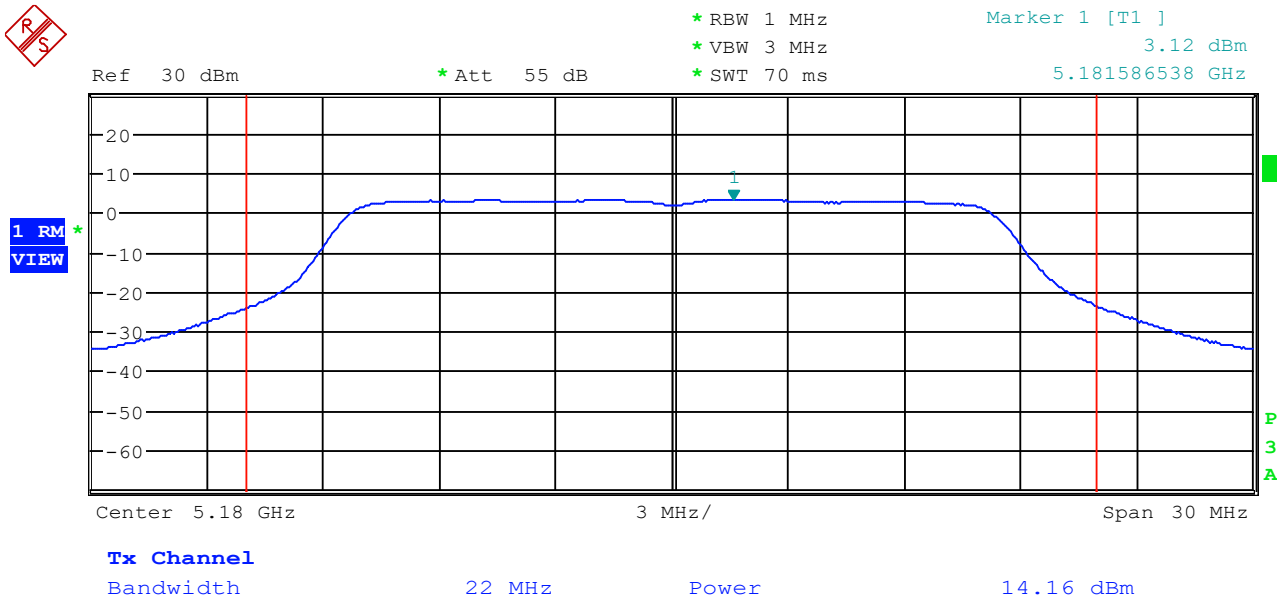


Tx Channel

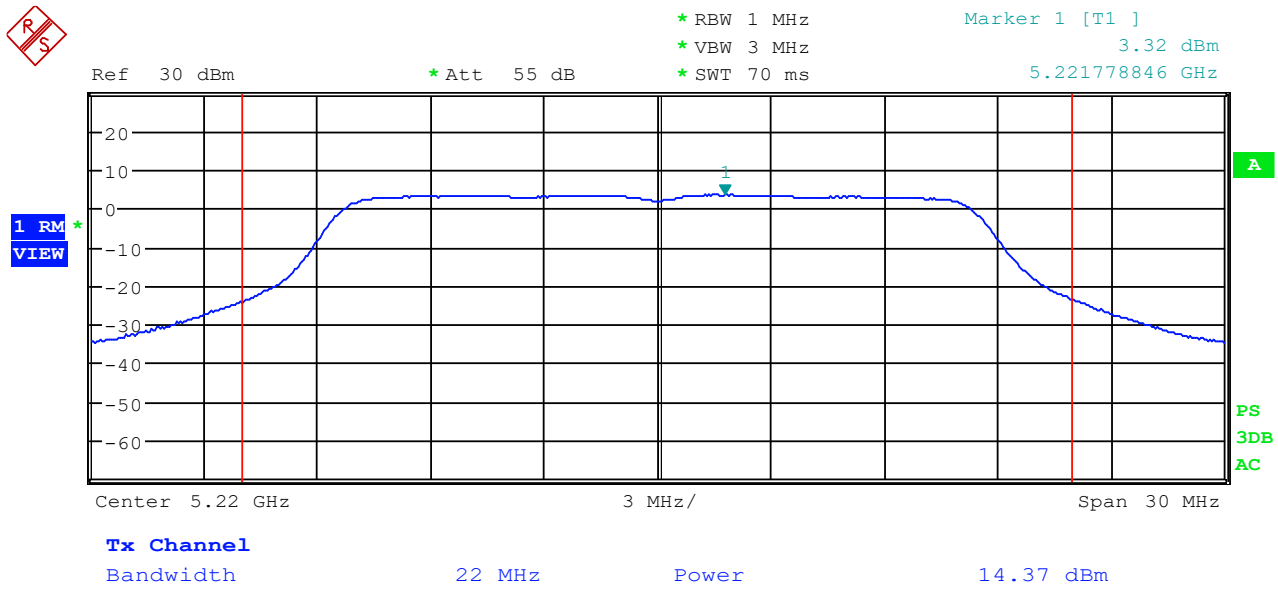
Bandwidth	90.5 MHz	Power	14.65 dBm

POWER SPECTRAL DENSITY UNII 1- Port 2 (Beamforming and Non-Beamforming Modes)			
Channel	**Frequency (MHz)**	**Measured Power (dbm)**	**Limit (dbm)**
Modulation: OFDM			
Low	5180	3.12	16
Mid	5220	3.32	16
High	5240	3.26	16
Modulation: HT20			
Low	5180	2.94	16
Mid	5220	3.17	16
High	5240	3.23	16
Modulation: non HT40			
Low	5190	0.06	16
High	5230	0.15	16
Modulation: HT40			
Low	5190	-0.12	16
High	5230	-0.09	16
Modulation: HT80			
Mid	5210	-3.06	16

UNII 1, Port 2: OFDM, Low Channel

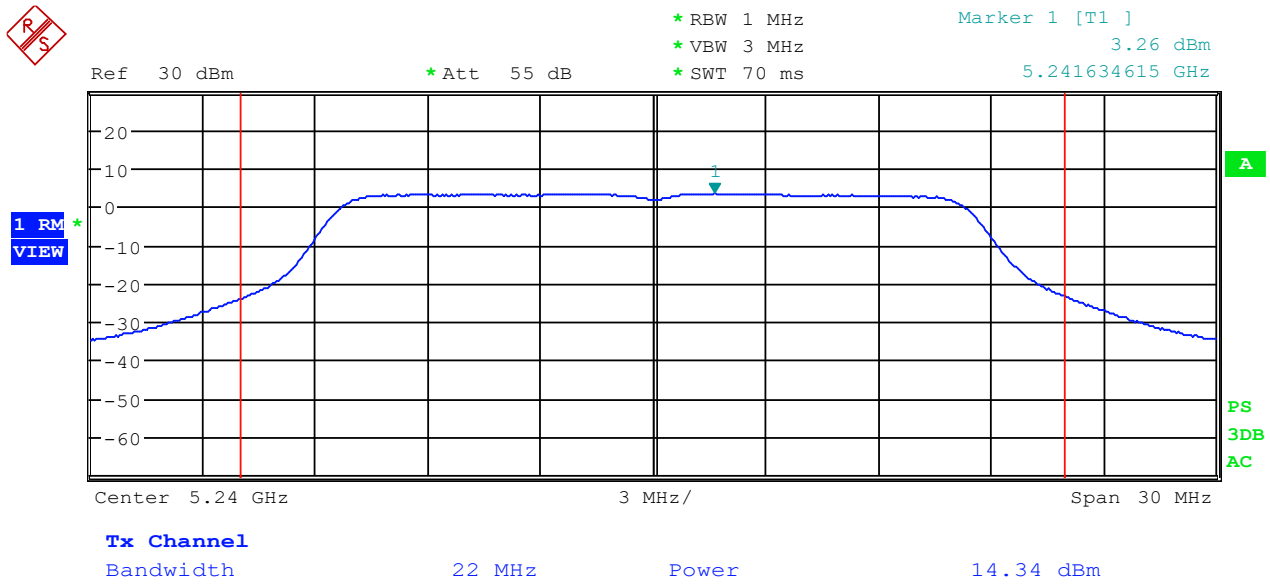


UNII 1, Port 2: OFDM, Mid Channel



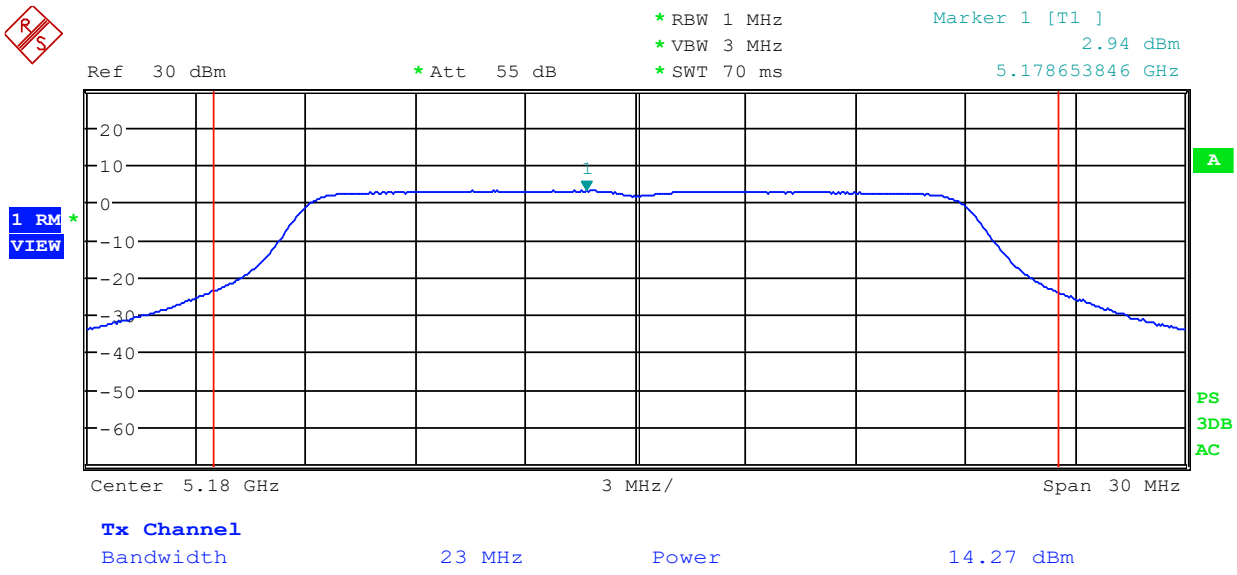
Date: 8.SEP.2021 16:41:53

UNII 1, Port 2: OFDM, High Channel



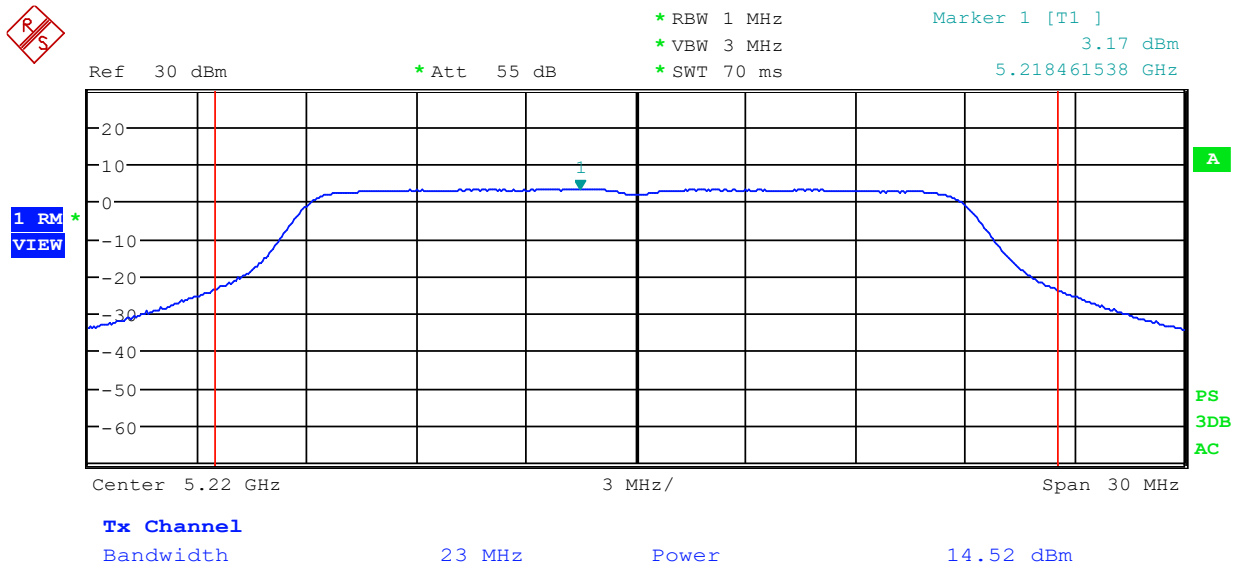
Date: 8.SEP.2021 16:42:40

UNII 1, Port 2: HT20, Low Channel



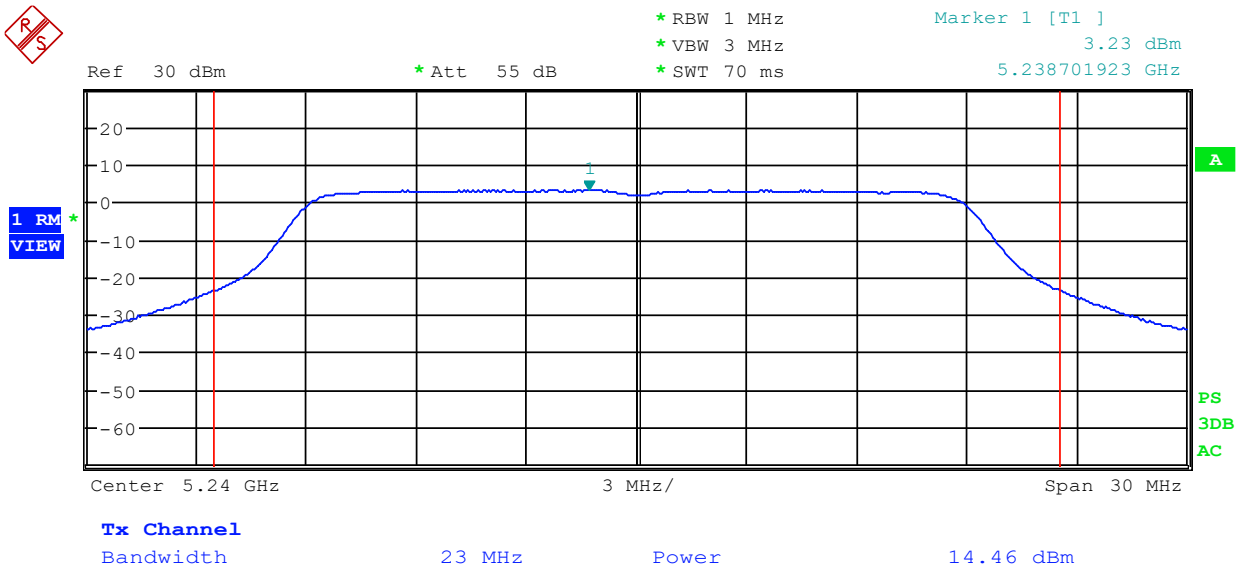
Date: 8.SEP.2021 16:37:41

UNII 1, Port 2: HT20, Mid Channel



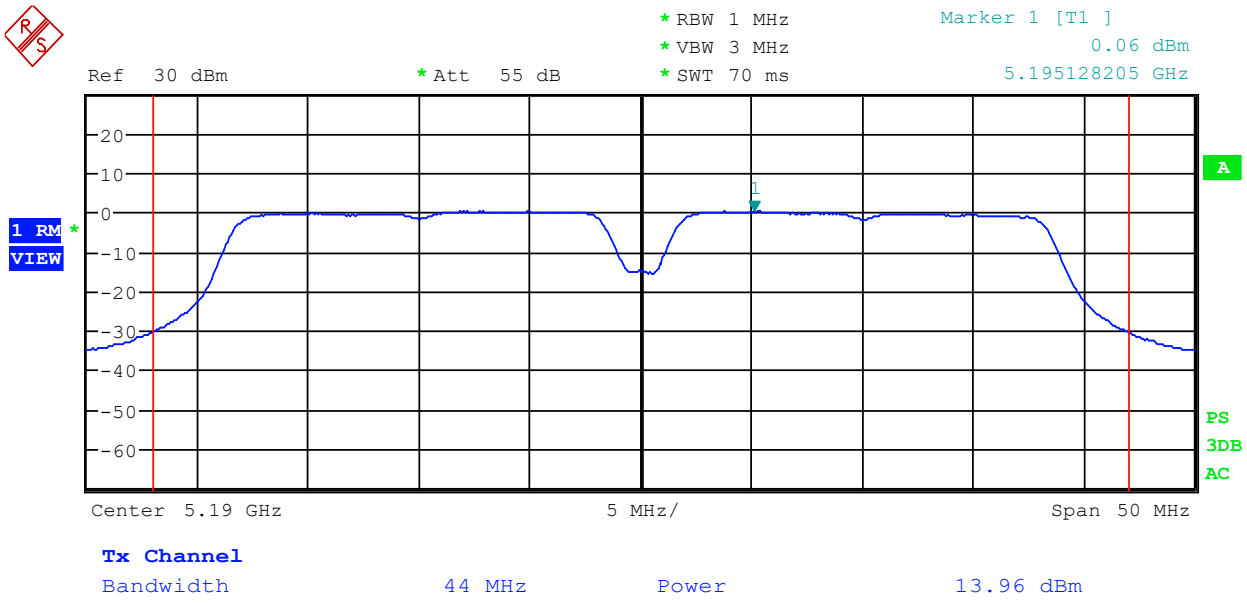
Date: 8.SEP.2021 16:38:35

UNII 1, Port 2: HT20, High Channel

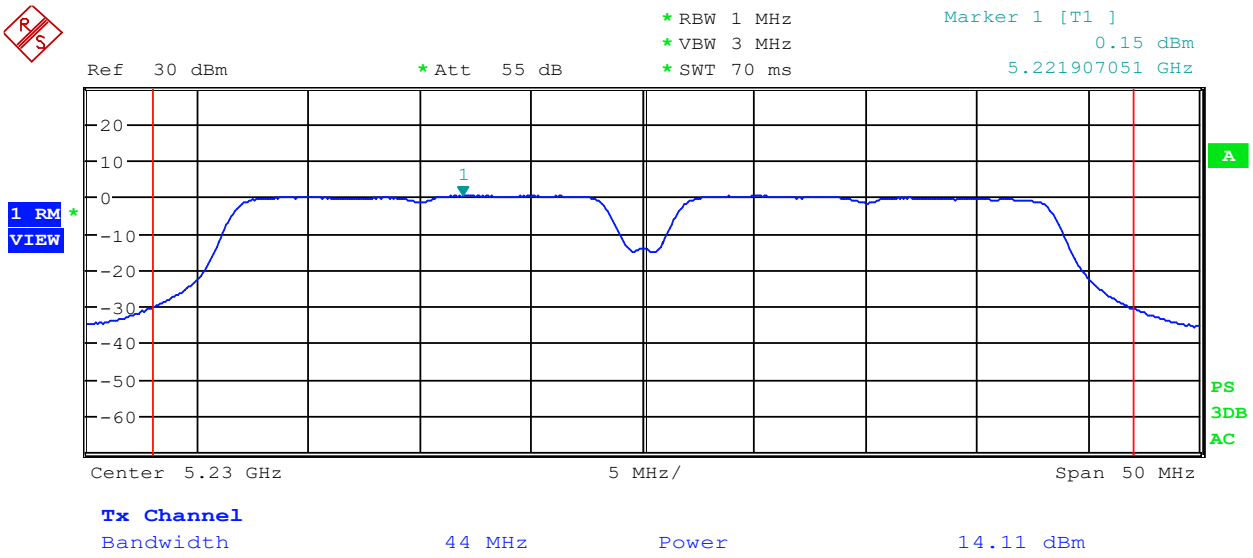


Date: 8.SEP.2021 16:39:28

UNII 1, Port 2: non HT40, Low Channel



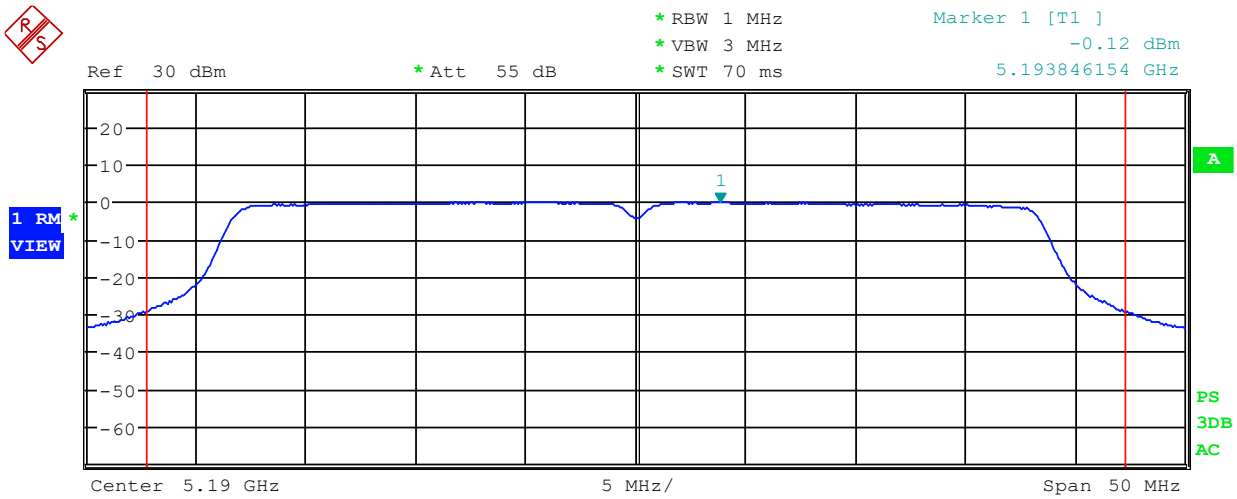
UNII 1, Port 2: non HT40, High Channel



Tx Channel

Bandwidth	44 MHz	Power	14.11 dBm

UNII 1, Port 2: HT40, Low Channel

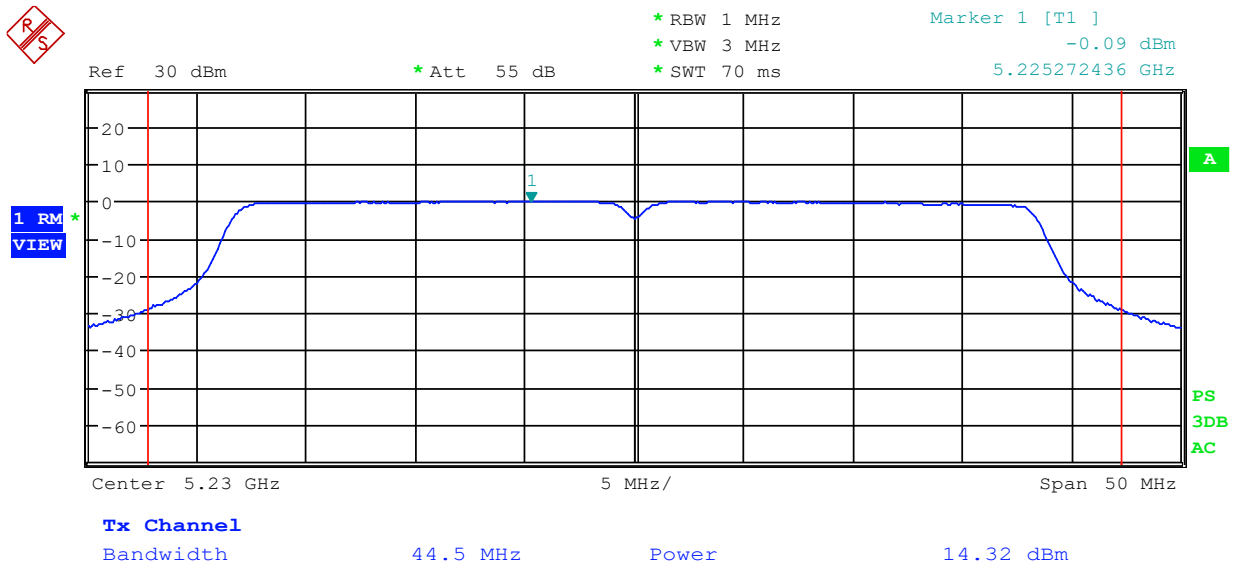


Tx Channel

Bandwidth	44.5 MHz	Power	14.17 dBm

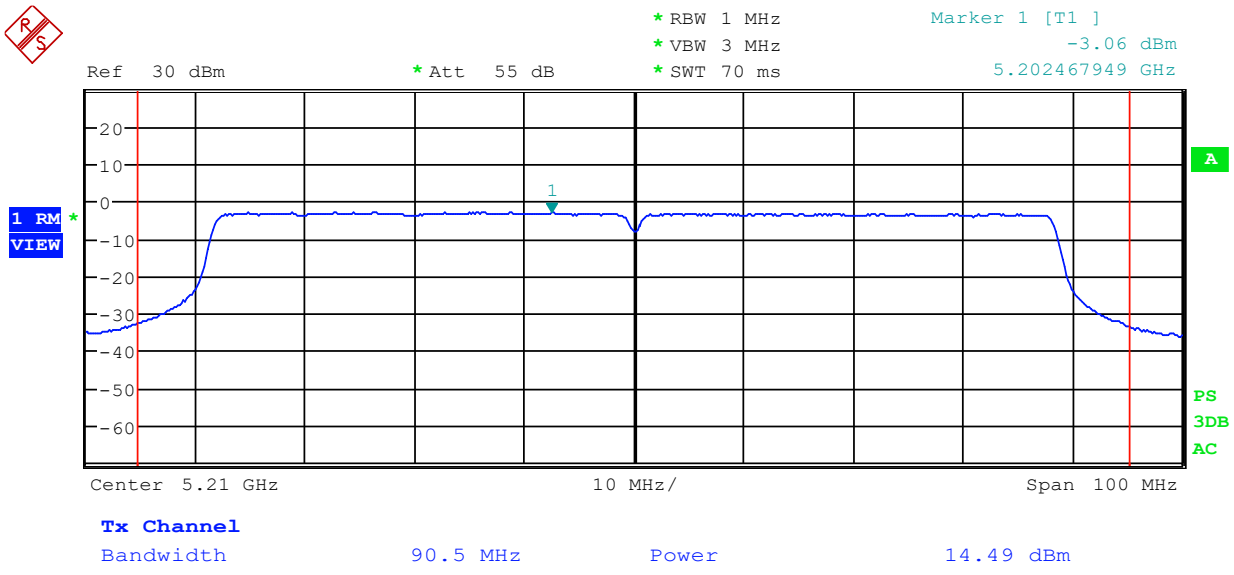
Date: 8.SEP.2021 16:31:39

UNII 1, Port 2: HT40, High Channel



Date: 8.SEP.2021 16:32:29

UNII 1, Port 2: HT80

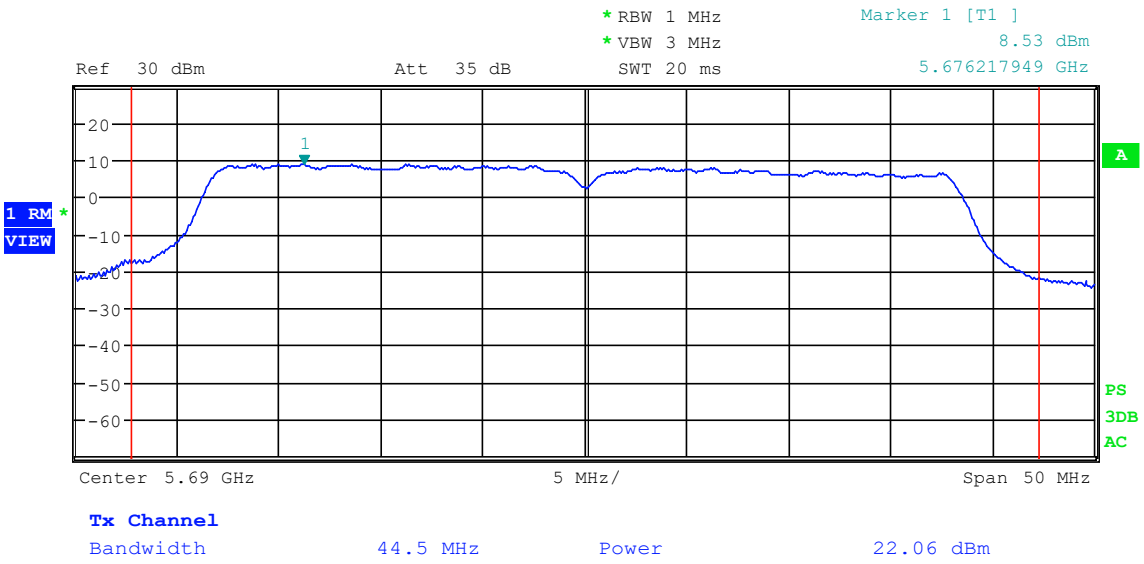


Date: 8.SEP.2021 16:28:59

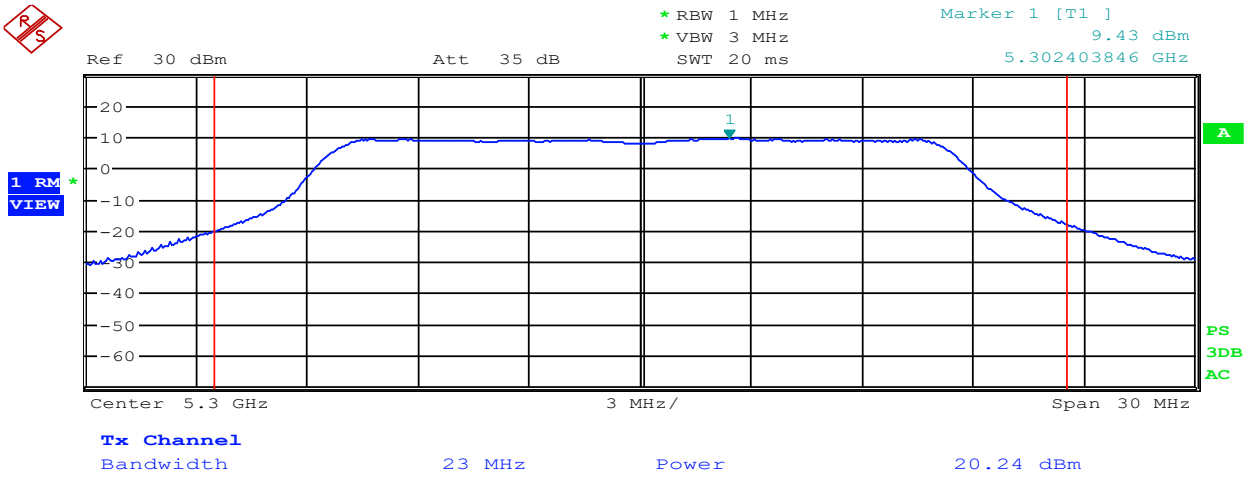
PSD UNII 1 SUMMING PORT 1 AND PORT 2 FOR BEAMFORMING - MIMO							
Modulation: OFDM							
Frequency (MHz) / Power Setting	Measure and Sum (Summing port 1 and port 2)						Limit (dBm)
	Port 2 dBm	Port 1 dBm	Port 2 mW	Port 1 mW	Summed mW	Summed dBm	
5180 (15)	3.12	3.83	2.05	2.41	4.46	6.49	13
5220 (15)	3.32	3.40	2.15	2.19	4.34	6.37	
5240 (15)	3.26	3.16	2.12	2.07	4.19	6.22	
Modulation: HT20							
Frequency (MHz) / Power Setting	Measure and Sum (Summing port 1 and port 2)						13
	Port 2 dBm	Port 1 dBm	Port 2 mW	Port 1 mW	Summed mW	Summed dBm	
5180 (15)	2.94	3.49	1.97	2.23	4.20	6.23	
5220 (15)	3.17	3.36	2.07	2.17	4.24	6.27	
5240 (15)	3.23	3.03	2.10	2.01	4.11	6.14	
Modulation: non HT40							
Frequency (MHz) / Power Setting	Measure and Sum (Summing port 1 and port 2)						13
	Port 2 dBm	Port 1 dBm	Port 2 mW	Port 1 mW	Summed mW	Summed dBm	
5190 (15)	0.06	0.87	1.01	1.22	2.23	3.48	
5230 (15)	0.15	0.18	1.04	1.04	2.08	3.18	
Modulation: HT40							
Frequency (MHz) / Power Setting	Measure and Sum (Summing port 1 and port 2)						13
	Port 2 dBm	Port 1 dBm	Port 2 mW	Port 1 mW	Summed mW	Summed dBm	
5190 (15)	-0.12	0.58	0.97	1.14	2.11	3.24	
5230 (15)	-0.09	0.23	0.98	1.05	2.03	3.07	
Modulation: HT80							
Frequency (MHz) / Power Setting	Measure and Sum (Summing port 1 and port 2)						13
	Port 2 dBm	Port 1 dBm	Port 2 mW	Port 1 mW	Summed mW	Summed dBm	
5210 (15)	-3.06	-2.96	0.49	0.51	1.00	0.00	

POWER SPECTRAL DENSITY UNII 2A – Port 1 (Non-Beamforming Mode)			
Channel	**Frequency (MHz)**	**Measured Power (dbm)**	**Limit (dbm)**
Modulation: OFDM			
Low	5260	9.30	10
Mid	5300	9.43	10
High	5320	9.63	10
Modulation: HT20			
Low	5260	9.33	10
Mid	5300	9.25	10
High	5320	9.33	10
Modulation: non HT40			
Low	5270	8.46	10
High	5310	8.46	10
Modulation: HT40			
Low	5270	8.32	10
High	5320	8.32	10
Modulation: HT80			
Mid	5290	5.80	10

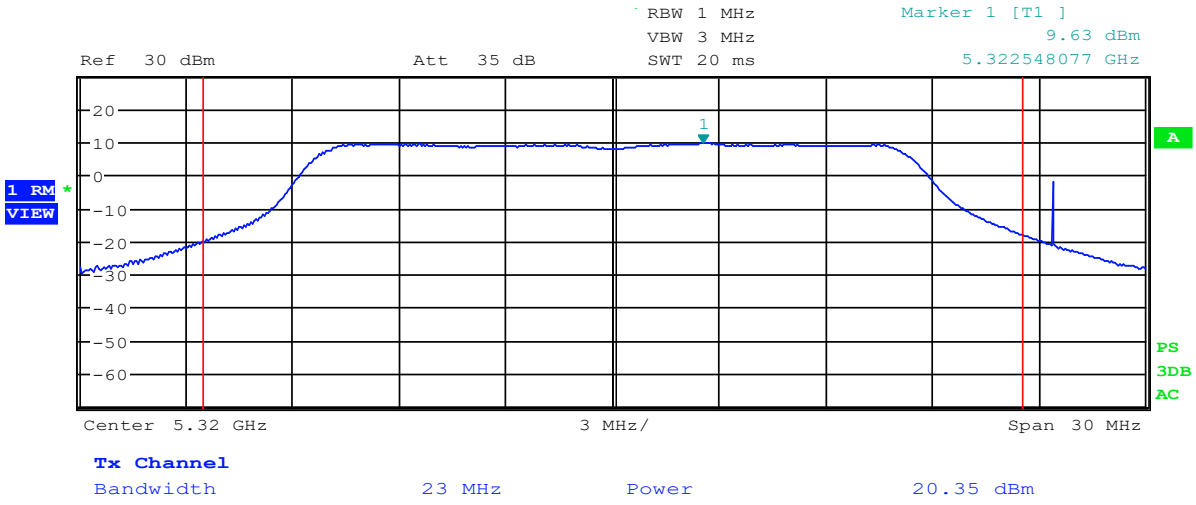
UNII 2A, Port 1: OFDM, Low Channel (Non-Beamforming)



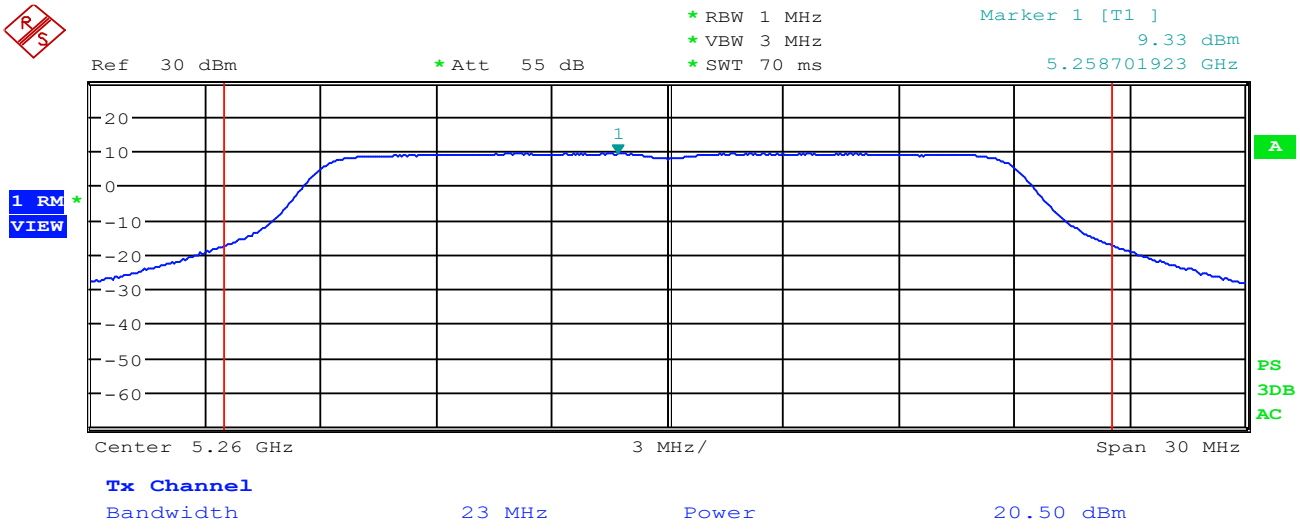
UNII 2A, Port 1: OFDM, Mid Channel (Non-Beamforming)



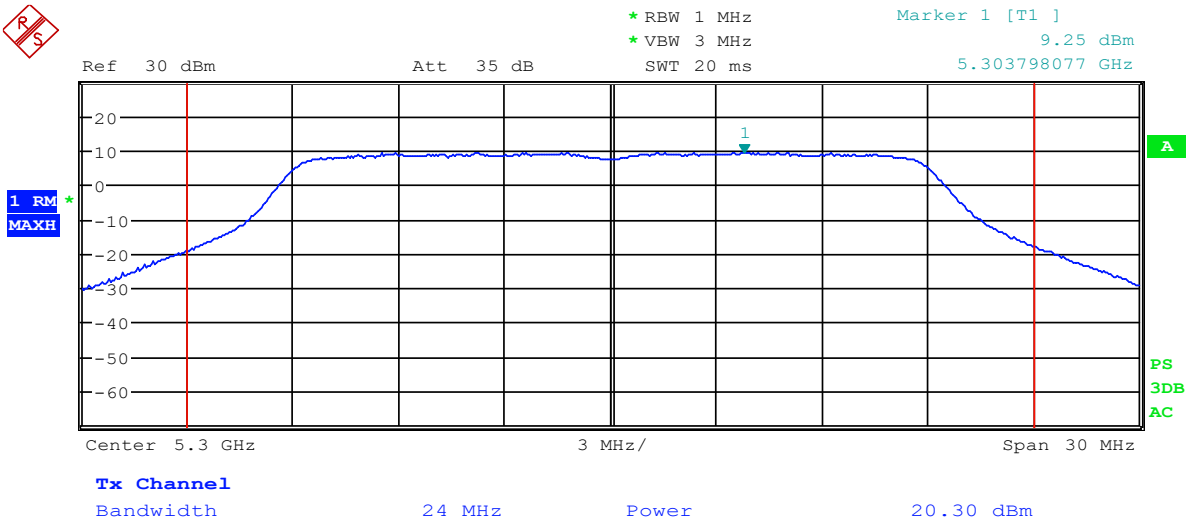
UNII 2A, Port 1: OFDM, High Channel (Non-Beamforming)



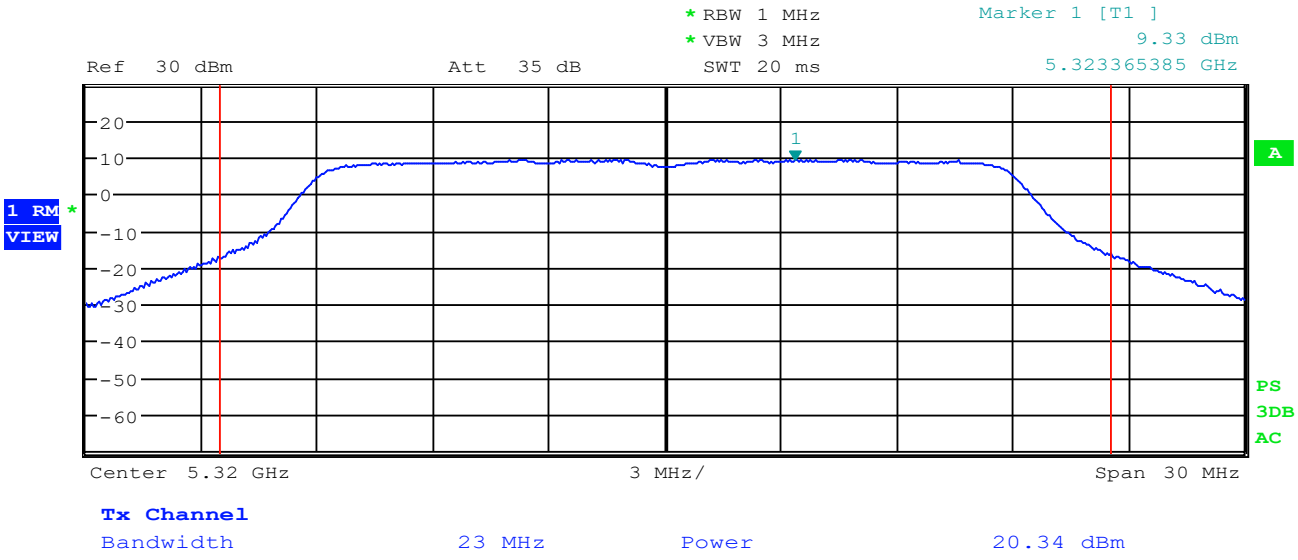
UNII 2A, Port 1: HT20, Low Channel (Non-Beamforming)



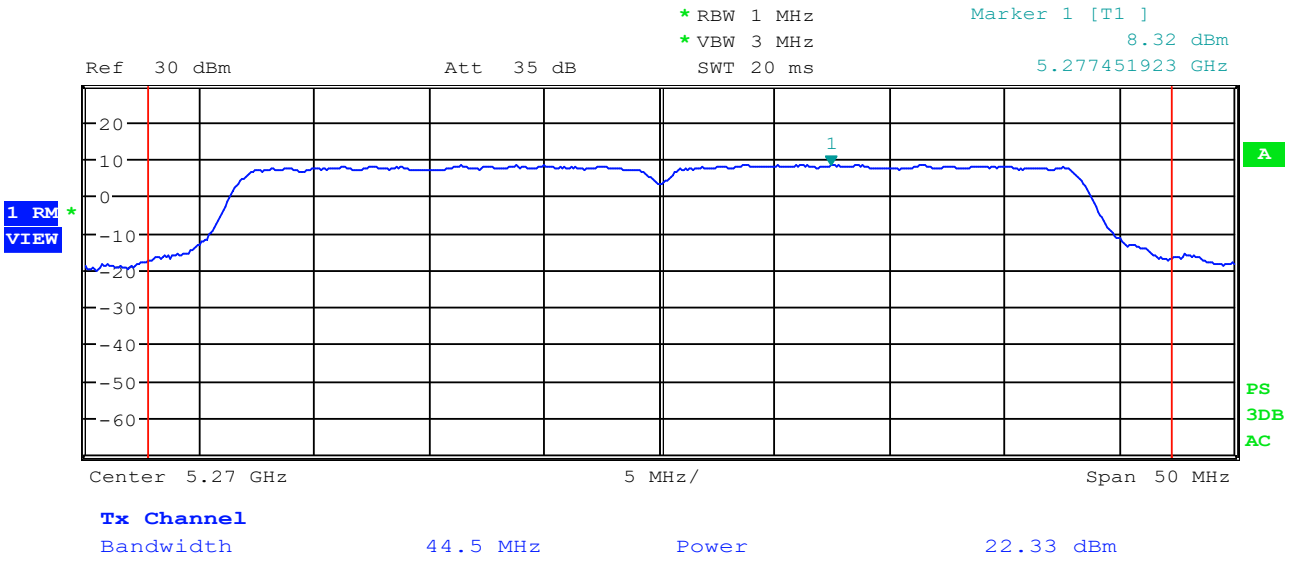
UNII 2A, Port 1: HT20, Mid Channel (Non-Beamforming)



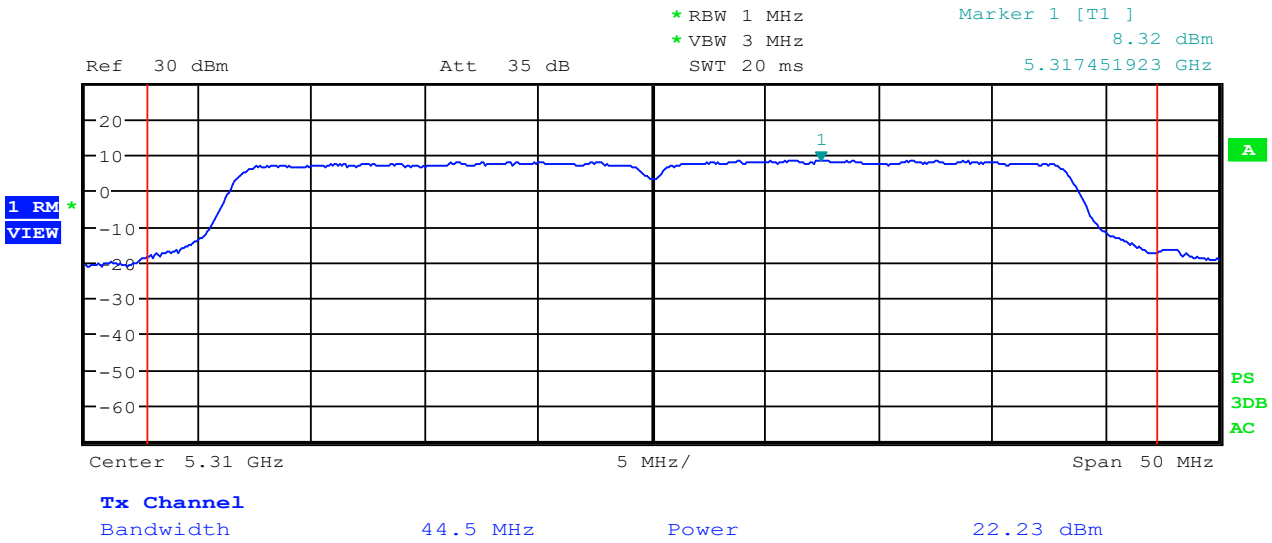
UNII 2A, Port 1: HT20, High Channel (Non-beamforming)



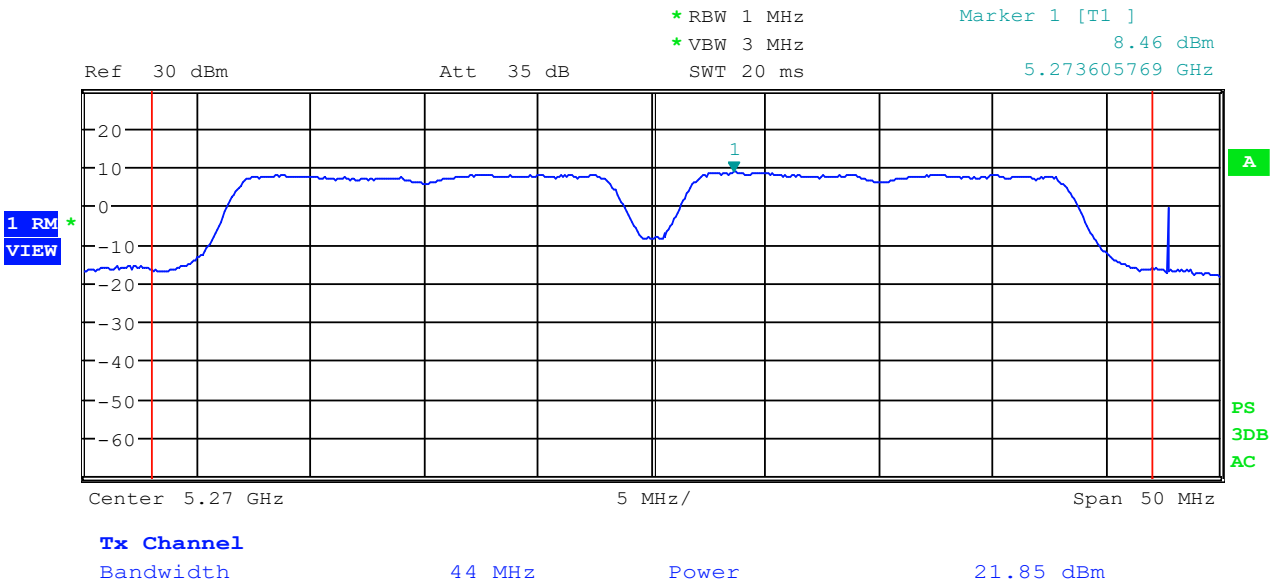
UNII 2A, Port 1: HT40, Low Channel (Non-Beamforming)



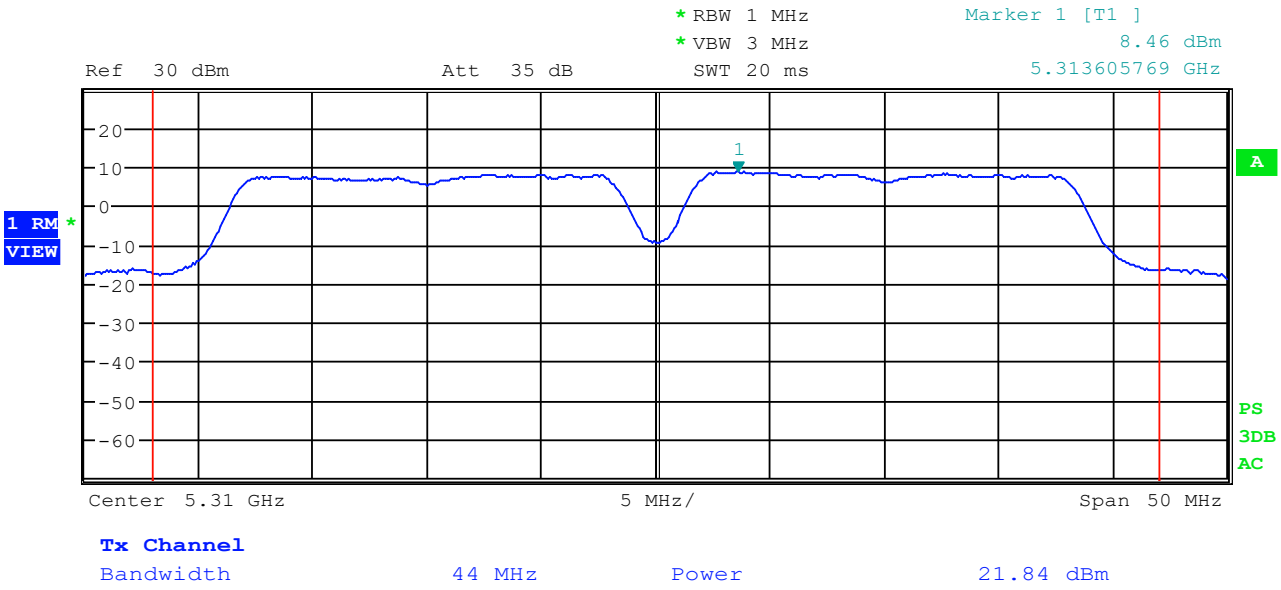
UNII 2A, Port 1: HT40, High Channel (Non-beamforming)



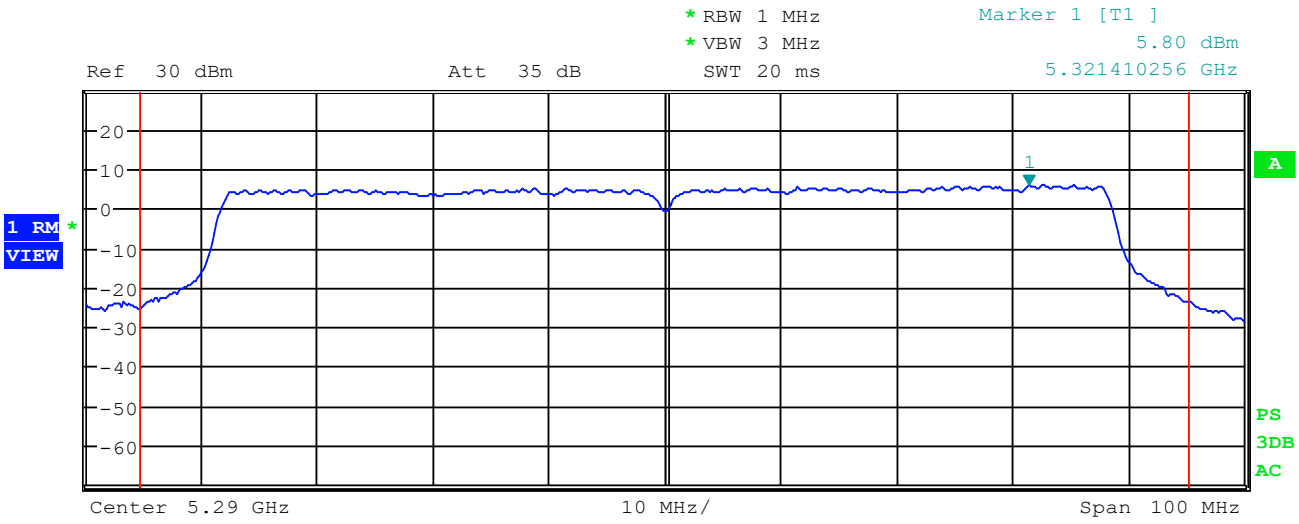
UNII 2A, Port 1: non HT40, Low Channel (Non-Beamforming)



UNII 2A, Port 1: non HT40, High Channel (Non-beamforming)



UNII 2A, Port 1: HT80 (Non-beamforming)

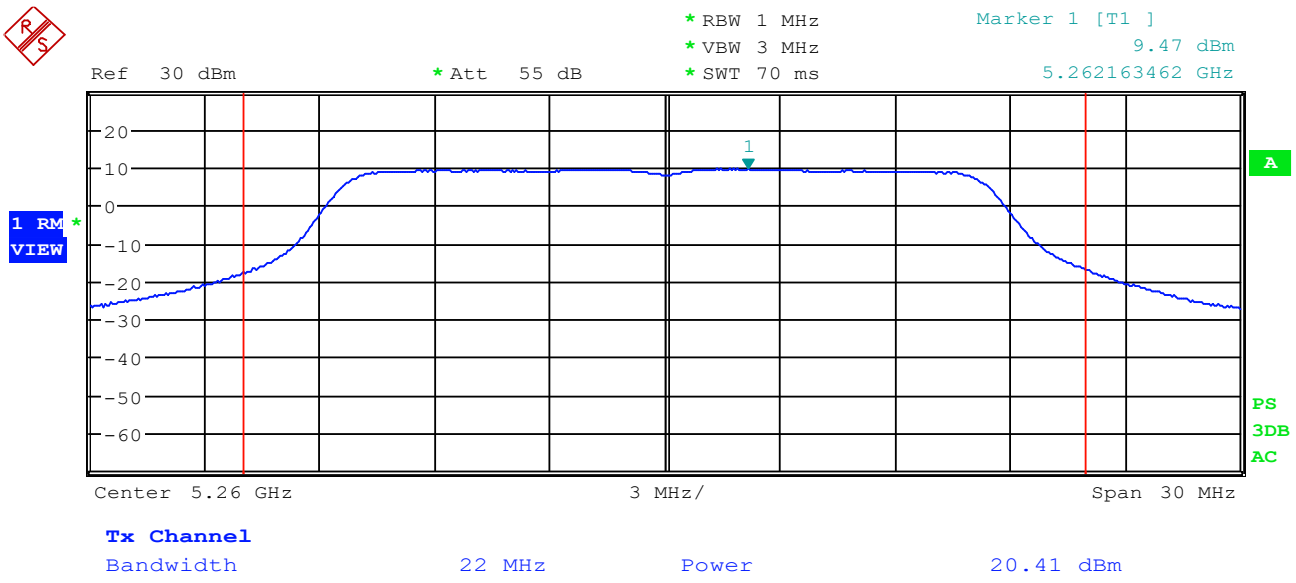


Tx Channel

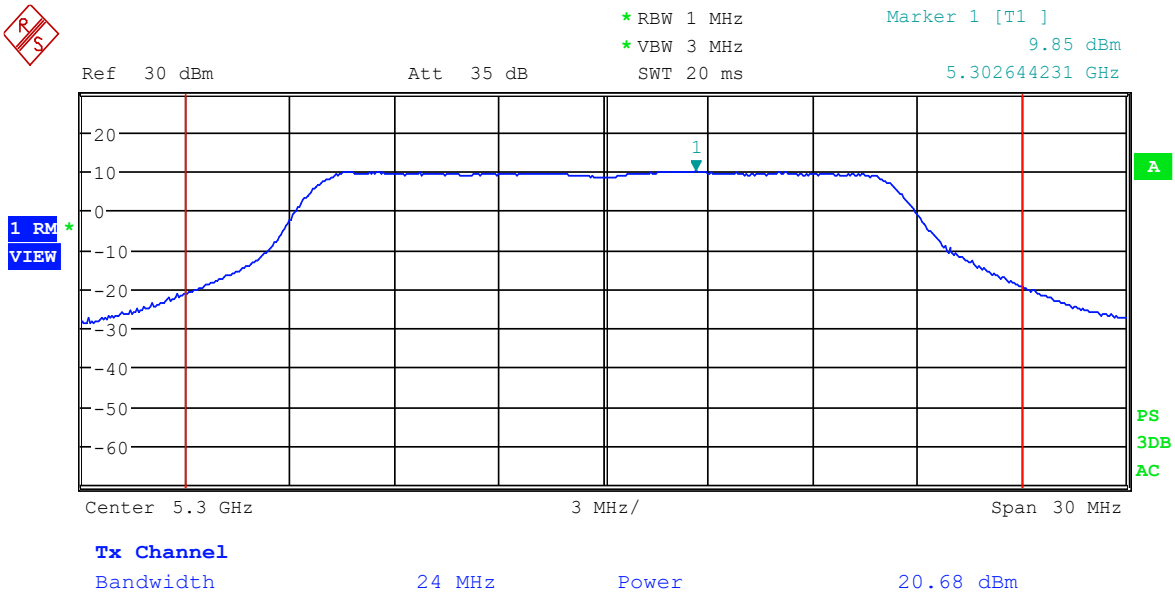
Bandwidth	90.5 MHz	Power	22.48 dBm

POWER SPECTRAL DENSITY UNII 2A – Port 2 (Non-Beamforming Mode)			
Channel	**Frequency (MHz)**	**Measured Power (dbm)**	**Limit (dbm)**
Modulation: OFDM			
Low	5260	9.47	10
Mid	5300	9.85	10
High	5320	9.64	10
Modulation: HT20			
Low	5260	8.65	10
Mid	5300	9.51	10
High	5320	9.63	10
Modulation: non HT40			
Low	5270	8.60	10
High	5310	8.88	10
Modulation: HT40			
Low	5270	7.82	10
High	5310	8.80	10
Modulation: HT80			
Mid	5290	5.44	10

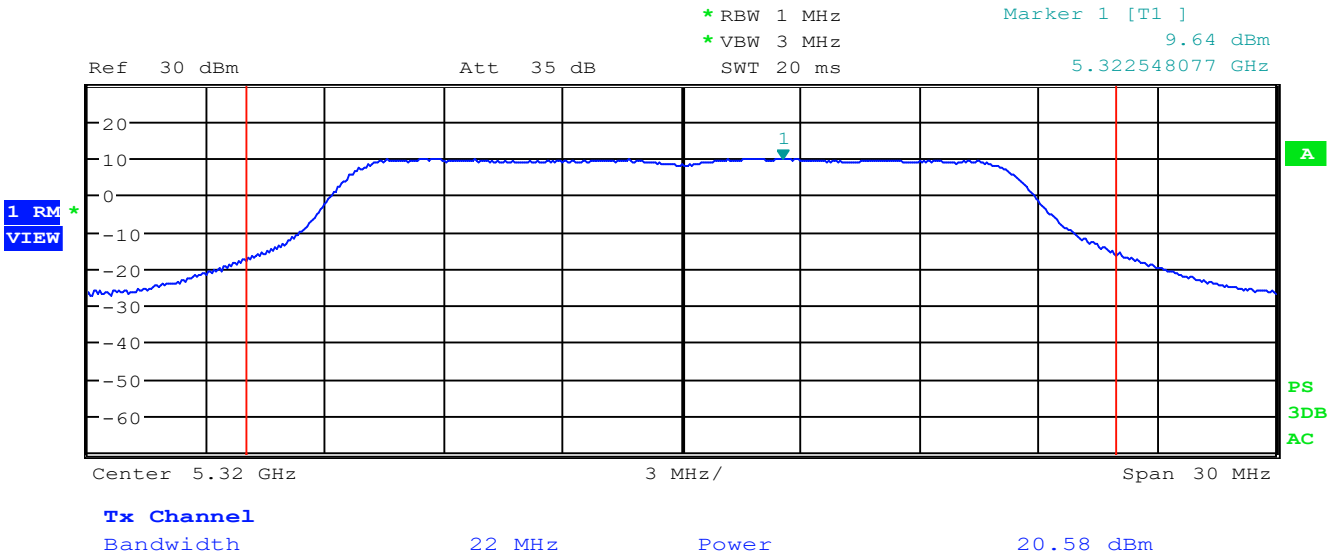
UNII 2A, Port 2: OFDM, Low Channel (Non-beamforming)



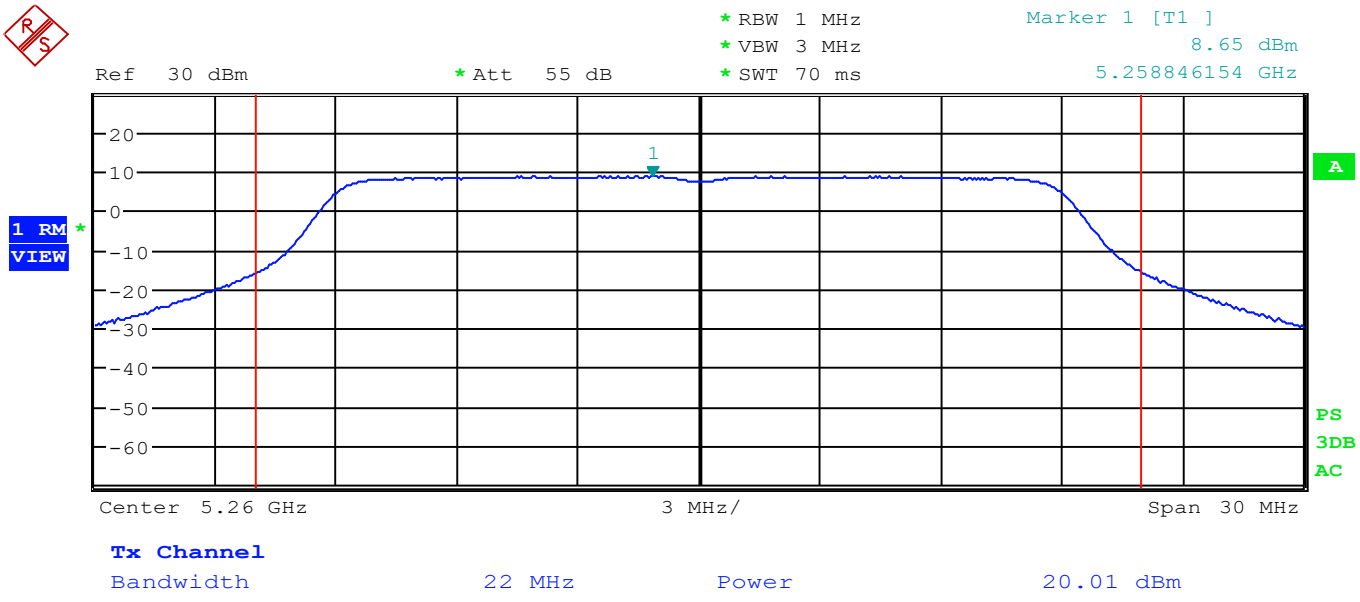
UNII 2A, Port 2: OFDM, Mid Channel (Non-beamforming)



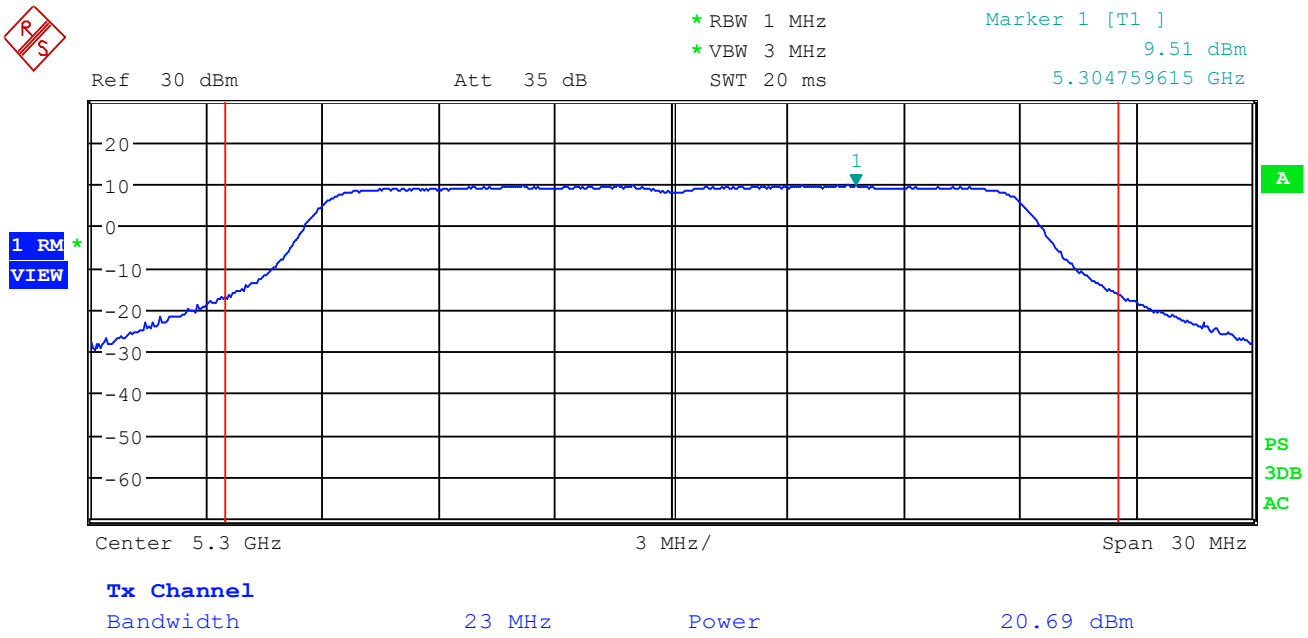
UNII 2A, Port 2: OFDM, High Channel (Non-beamforming)



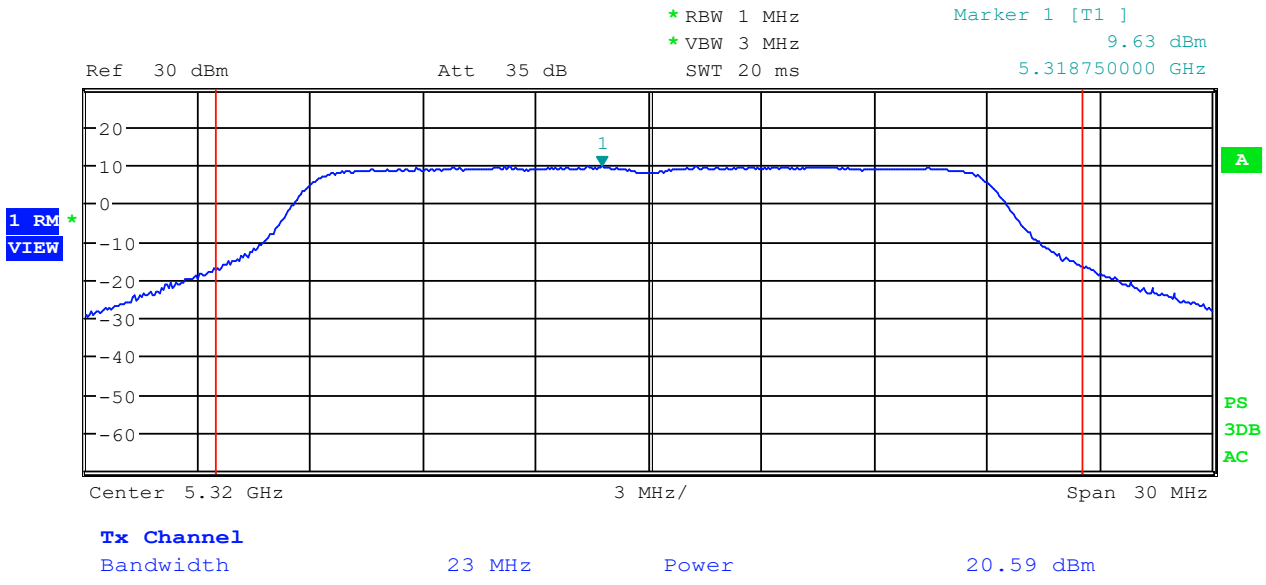
UNII 2A, Port 2: HT20, Low Channel (Non-Beamforming)



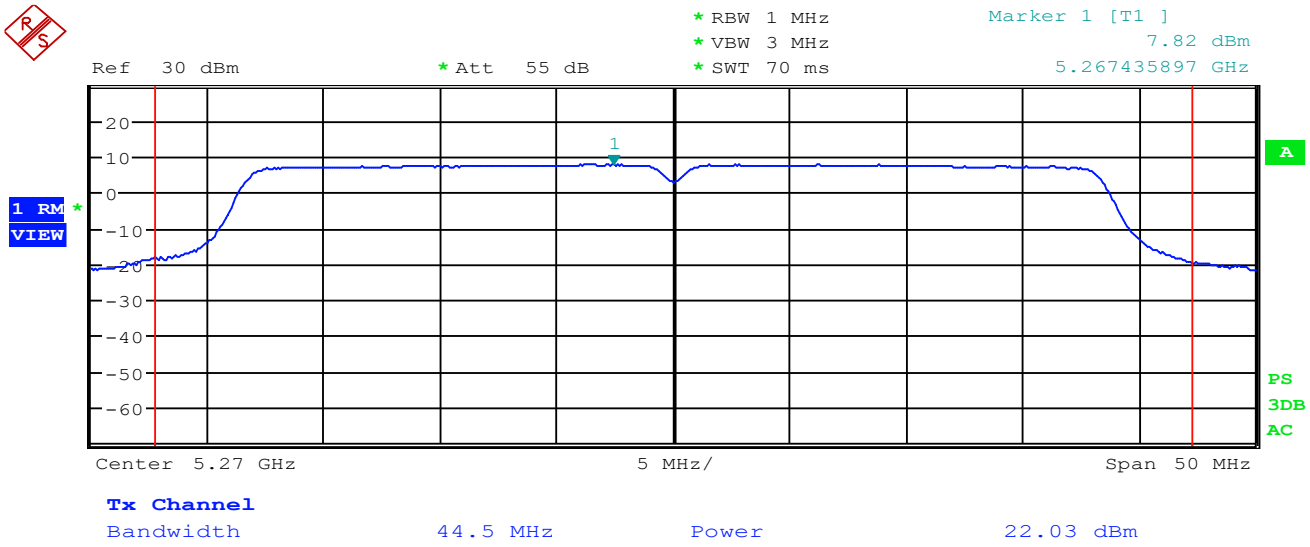
UNII 2A, Port 2: HT20, Mid Channel (Non-Beamforming)



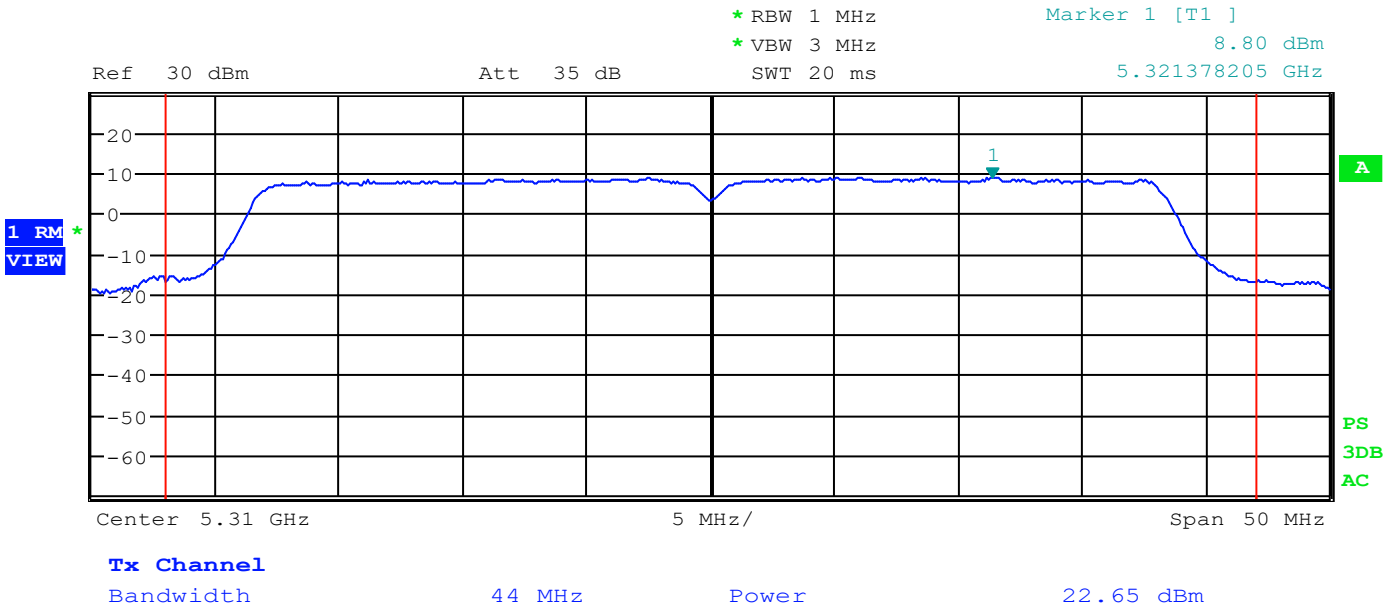
UNII 2A, Port 2: HT20, High Channel (Non-beamforming)



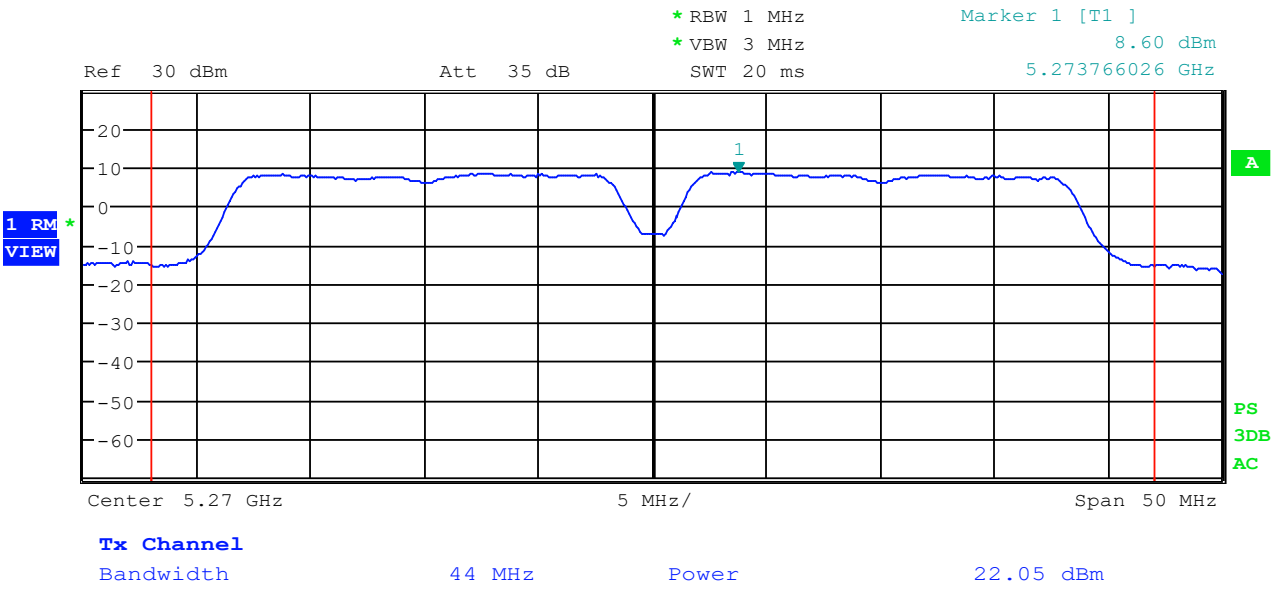
UNII 2A, Port 2: HT40, Low Channel (Non-Beamforming)



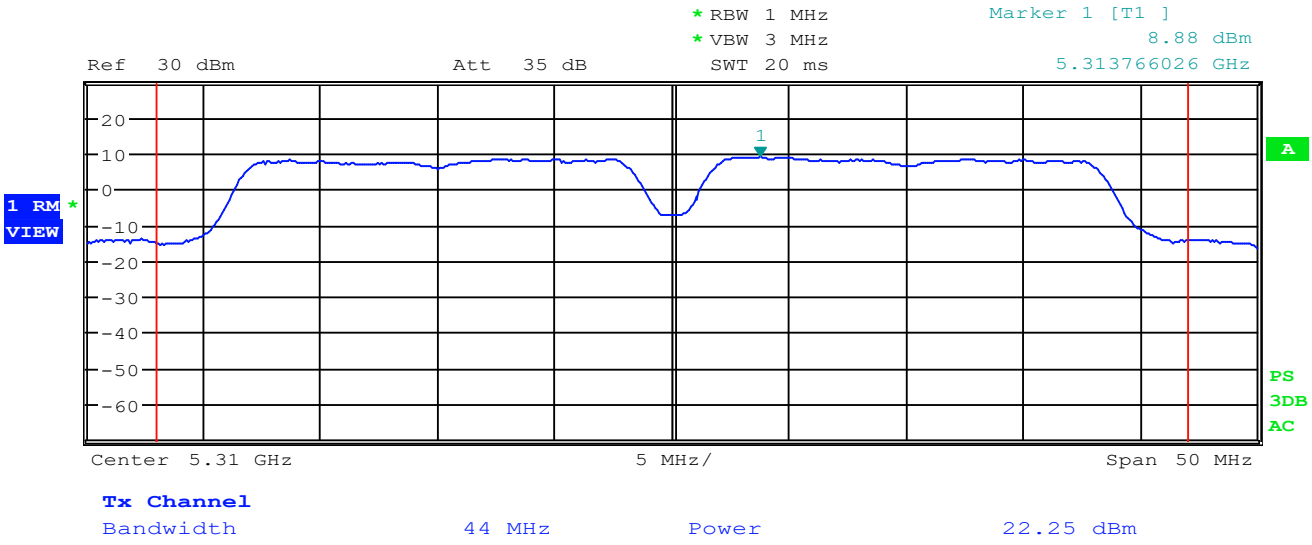
UNII 2A, Port 2: HT40, High Channel (Non-beamforming)



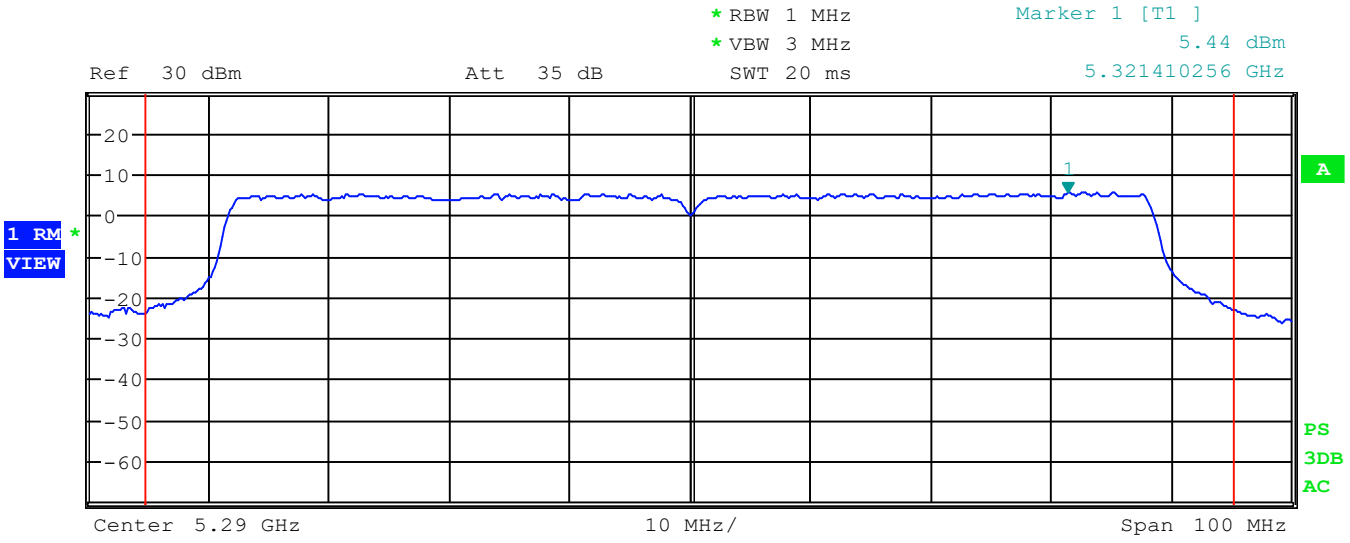
UNII 2A, Port 2: non HT40, Low Channel (Non-Beamforming)



UNII 2A, Port 2: non HT40, High Channel (Non-beamforming)



UNII 2A, Port 2: HT80 (Non-beamforming)

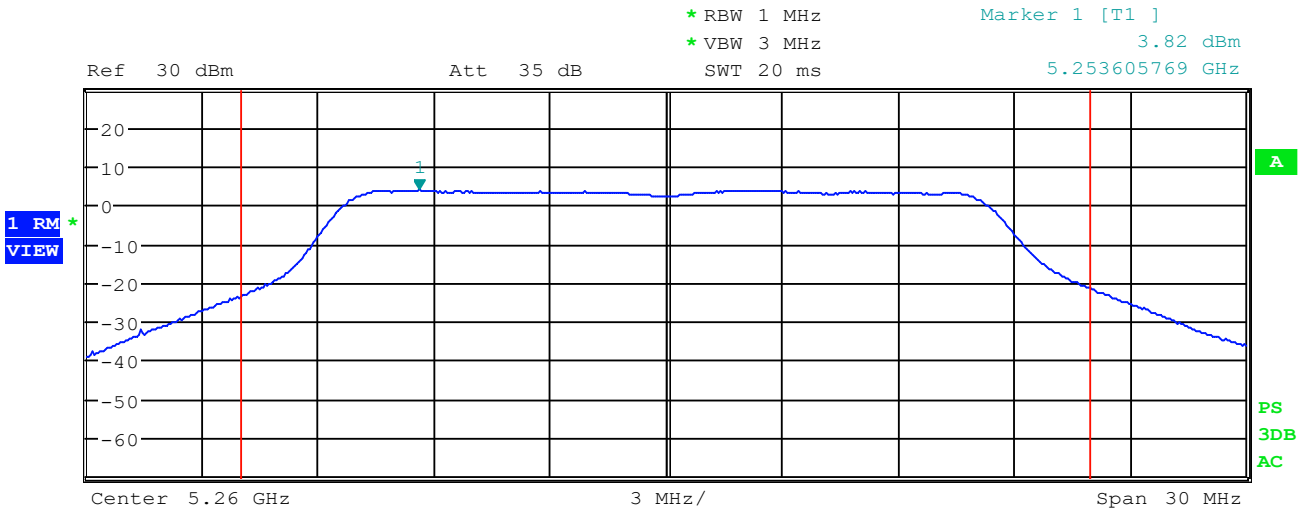


Tx Channel

Bandwidth	90.5 MHz	Power	22.51 dBm

POWER SPECTRAL DENSITY UNII 2A – Port 1 (Beamforming Mode)			
Channel	**Frequency (MHz)**	**Measured Power (dbm)**	**Limit (dbm)**
Modulation: OFDM			
Low	5260	3.82	10
Mid	5300	3.61	10
High	5320	3.68	10
Modulation: HT20			
Low	5260	3.67	10
Mid	5300	3.42	10
High	5320	3.62	10
Modulation: non HT40			
Low	5270	2.76	10
High	5310	1.76	10
Modulation: HT40			
Low	5270	2.15	10
High	5320	1.55	10
Modulation: HT80			
Mid	5290	-1.16	10

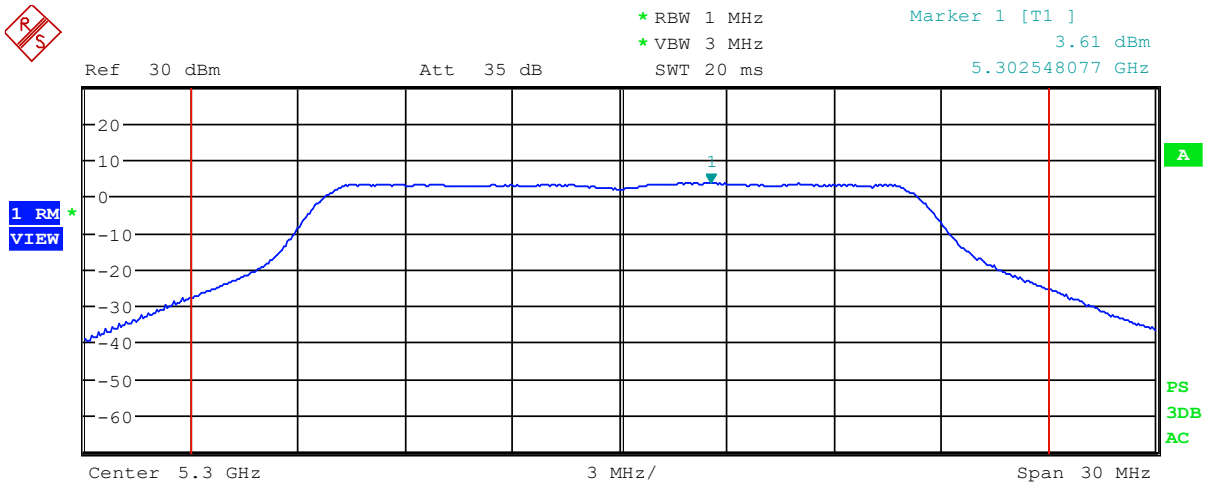
UNII 2A, Port 1: OFDM, Low Channel (Beamforming)



Tx Channel

Bandwidth	22 MHz	Power	14.68 dBm

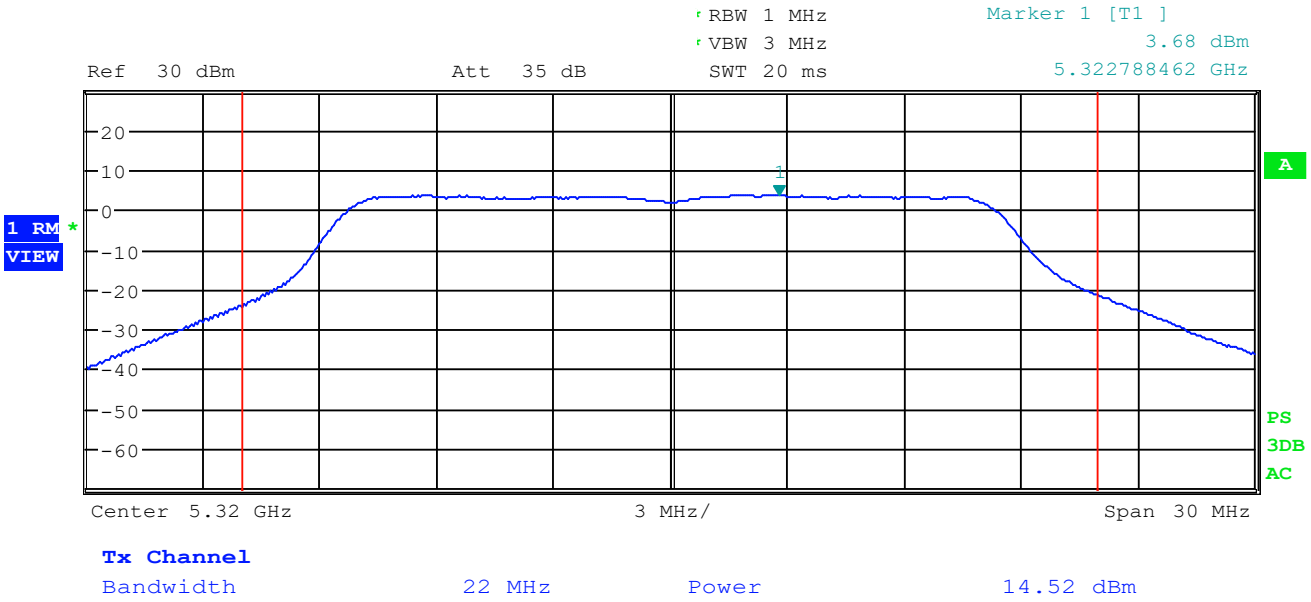
UNII 2A, Port 1: OFDM, Mid Channel (Beamforming)



Tx Channel

Bandwidth	24 MHz	Power	14.41 dBm

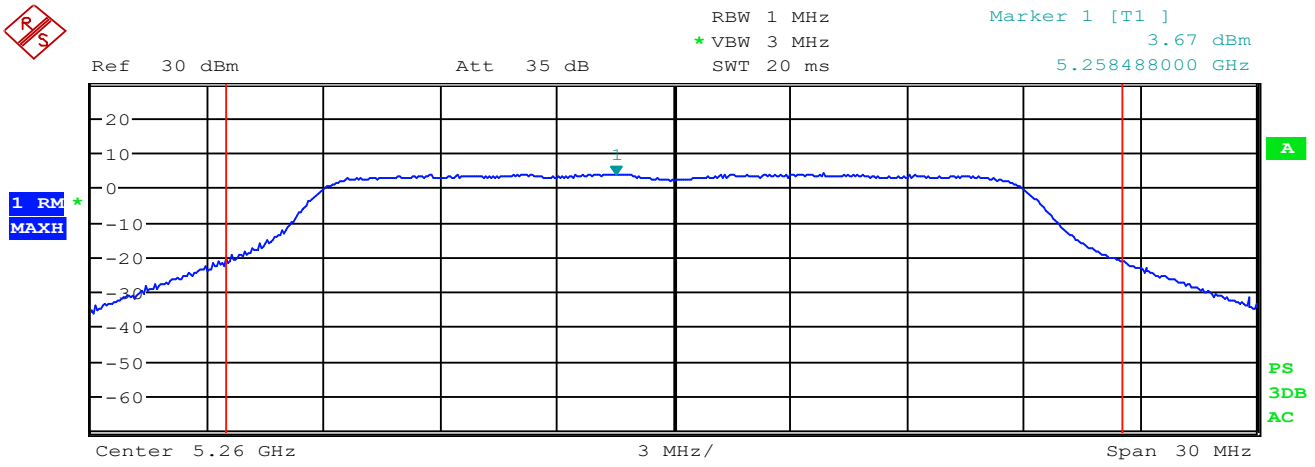
UNII 2A, Port 1: OFDM, High Channel (Beamforming)



Tx Channel

Bandwidth	22 MHz	Power	14.52 dBm

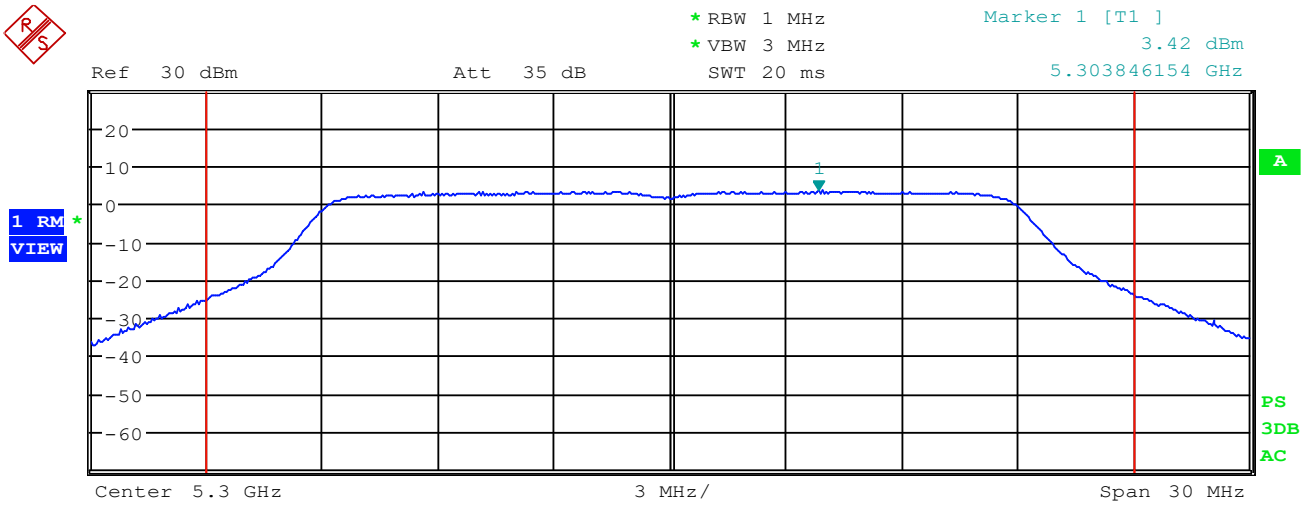
UNII 2A, Port 1: HT20, Low Channel (Beamforming)



Tx Channel

Bandwidth	23 MHz	Power	14.81 dBm

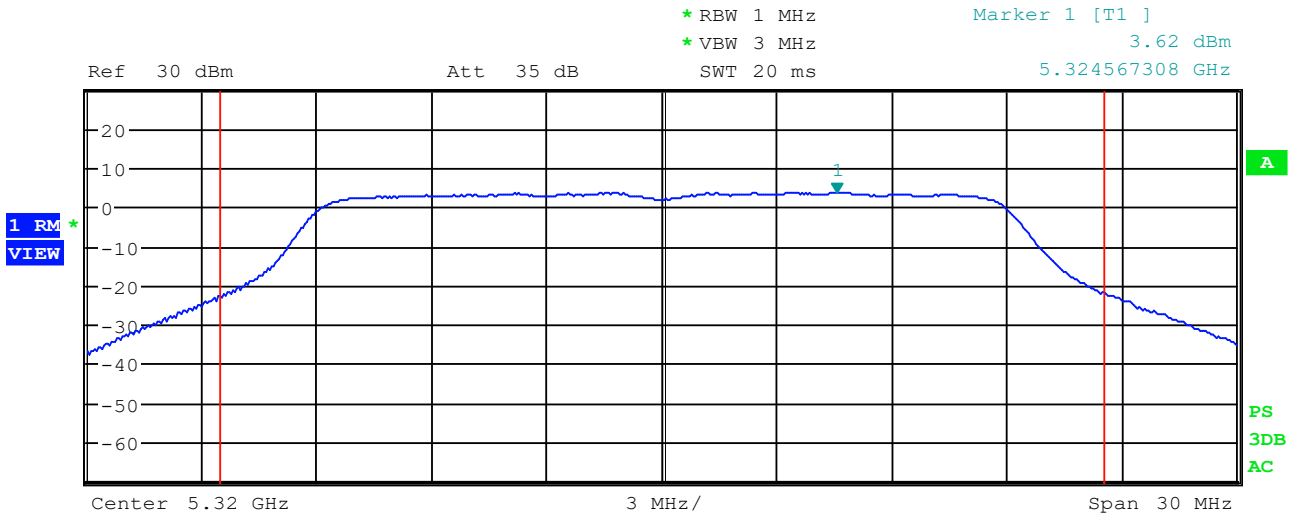
UNII 2A, Port 1: HT20, Mid Channel (Beamforming)



Tx Channel

Bandwidth	24 MHz	Power	14.39 dBm

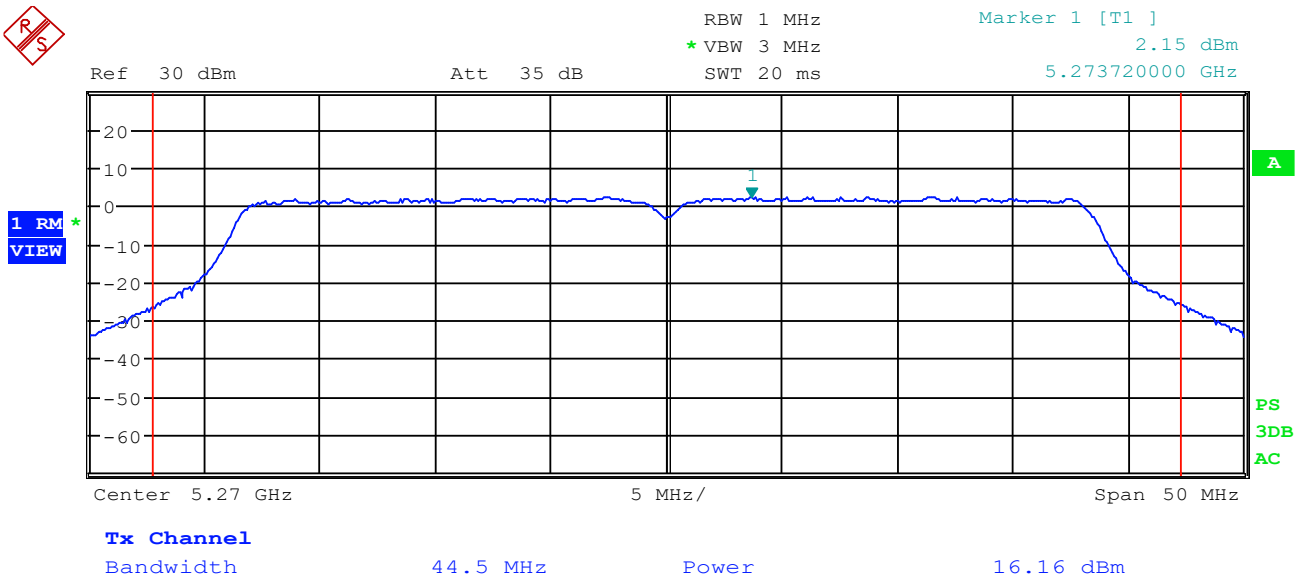
UNII 2A, Port 1: HT20, High Channel (Beamforming)



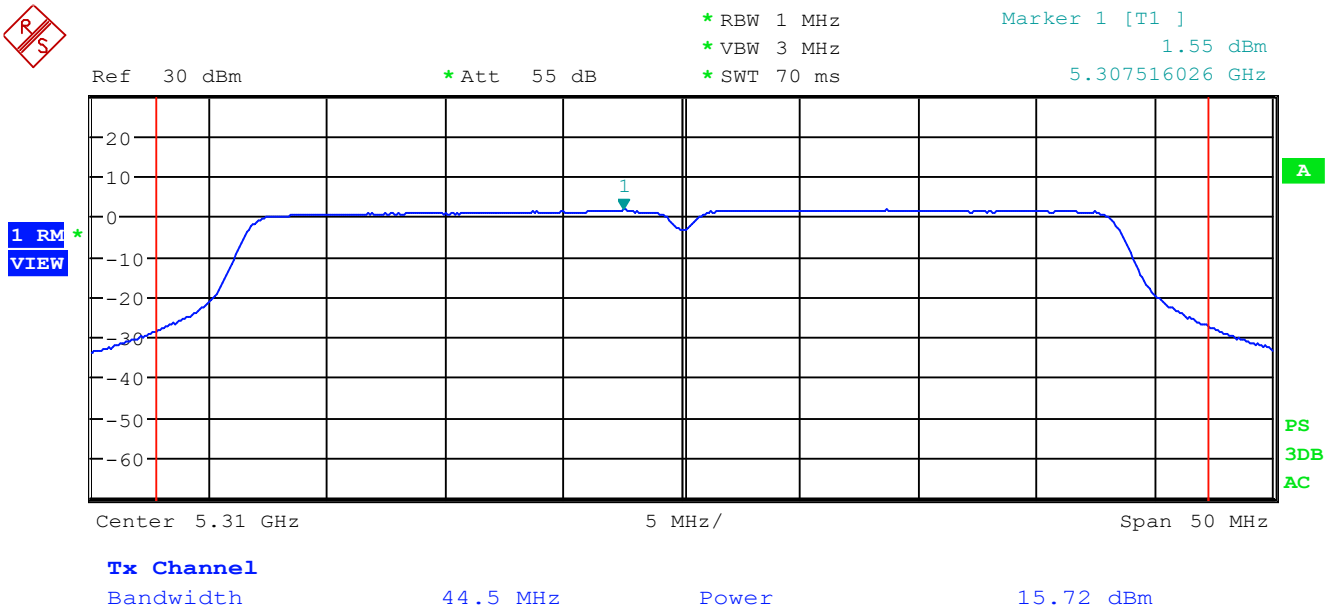
Tx Channel

Bandwidth	23 MHz	Power	14.72 dBm

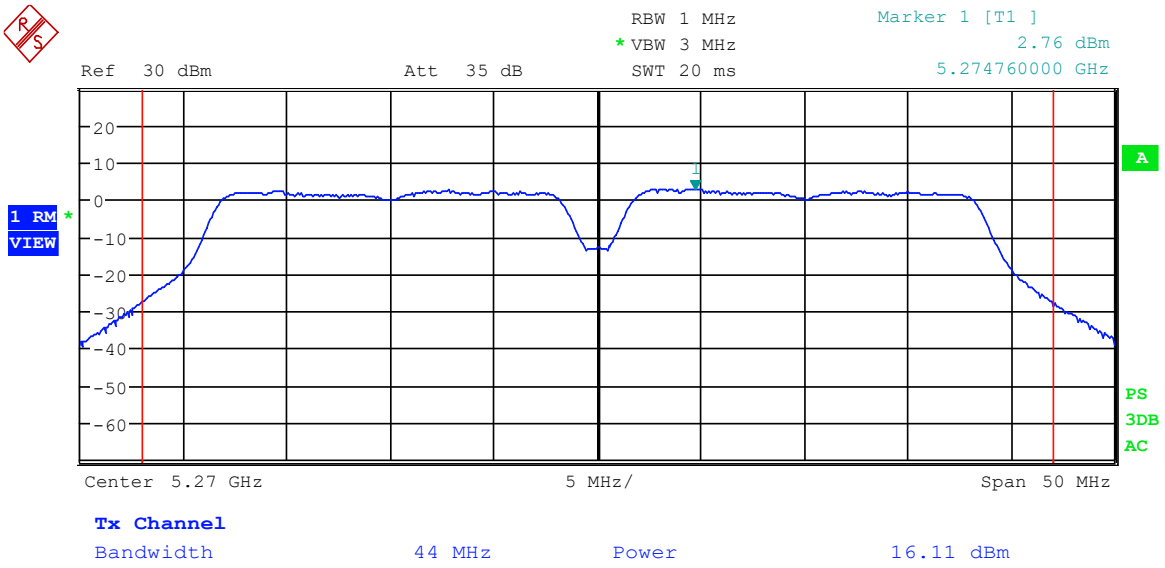
UNII 2A, Port 1: HT40, Low Channel (Beamforming)



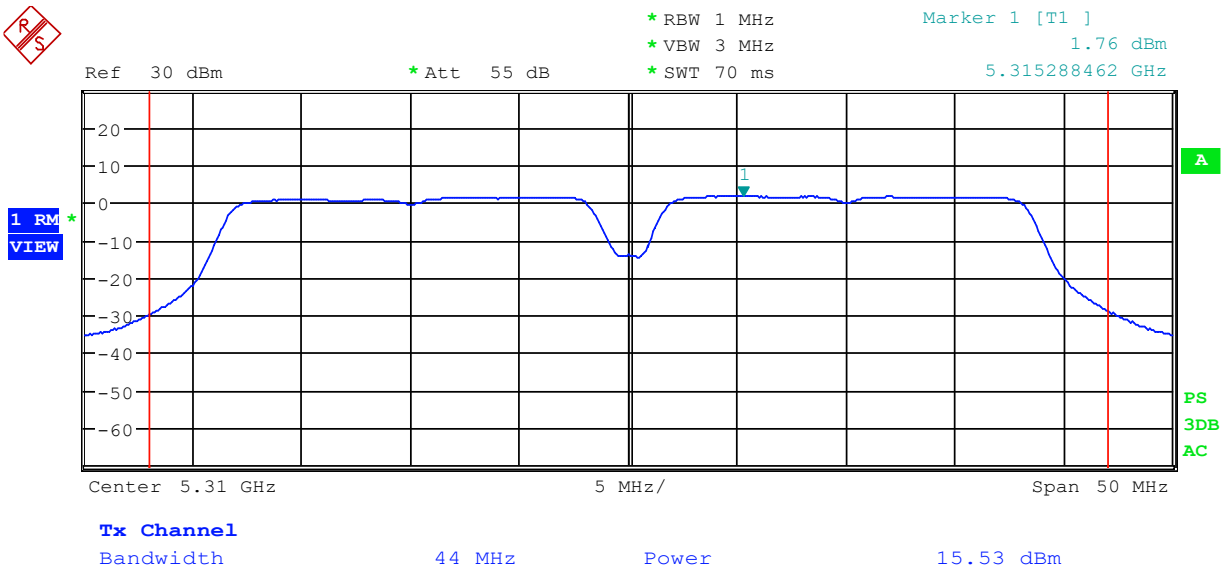
UNII 2A, Port 1: HT40, High Channel (Beamforming)



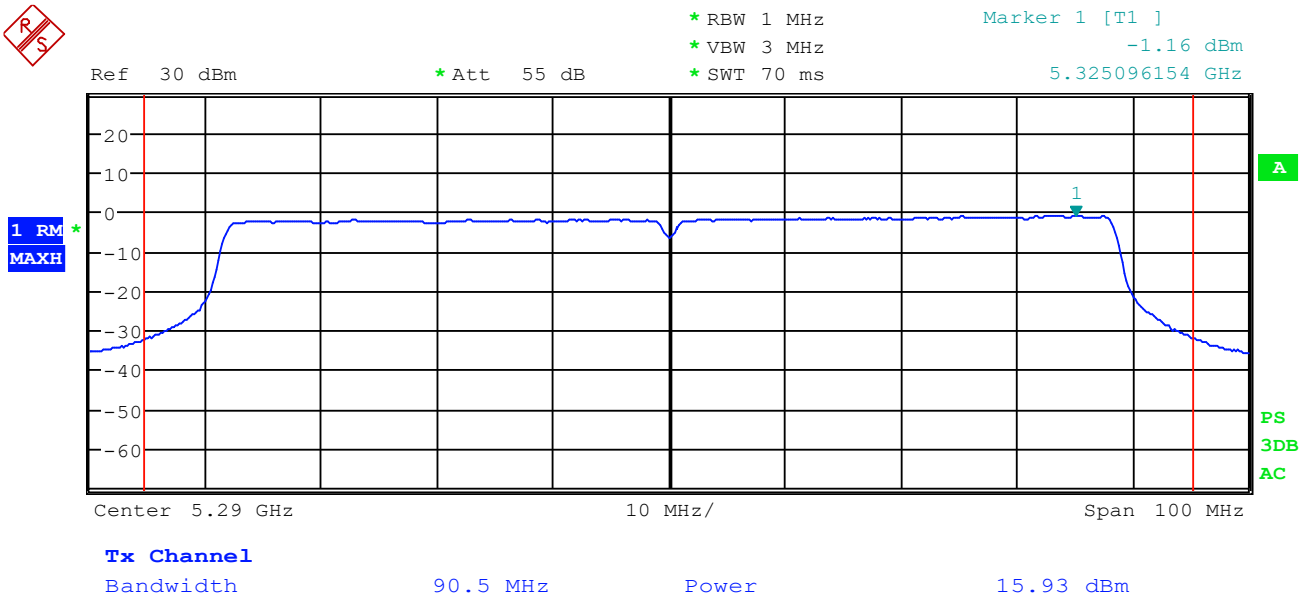
UNII 2A, Port 1: non HT40, Low Channel (Beamforming)



UNII 2A, Port 1: non HT40, High Channel (Beamforming)

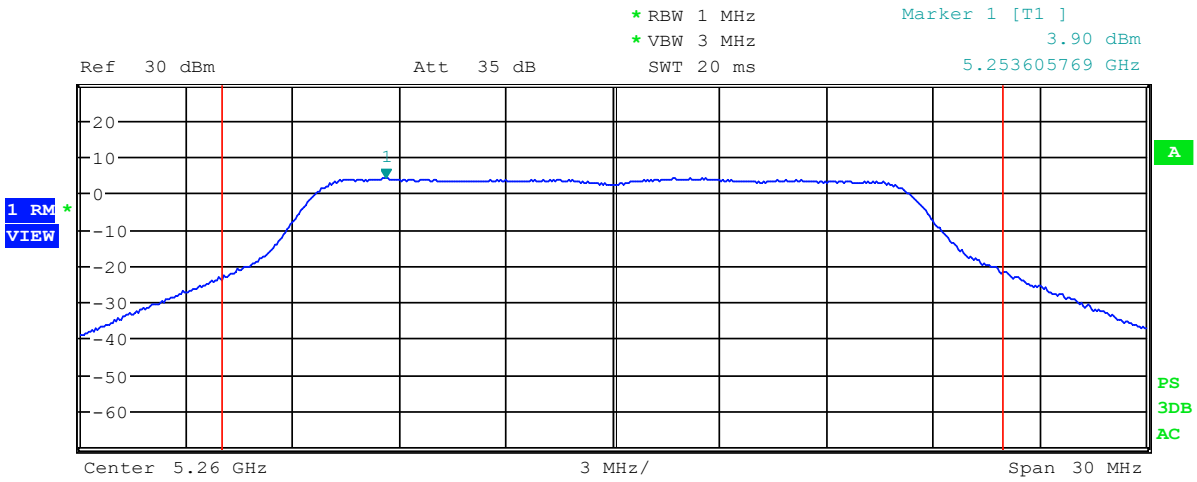


UNII 2A, Port 1: HT80 (Beamforming)



POWER SPECTRAL DENSITY UNII 2A – Port 2 (Beamforming Mode)			
Channel	**Frequency (MHz)**	**Measured Power (dbm)**	**Limit (dbm)**
Modulation: OFDM			
Low	5260	3.90	10
Mid	5300	3.87	10
High	5320	3.97	10
Modulation: HT20			
Low	5260	3.96	10
Mid	5300	3.62	10
High	5320	3.77	10
Modulation: non HT40			
Low	5270	2.99	10
High	5310	2.18	10
Modulation: HT40			
Low	5270	2.18	10
High	5310	1.46	10
Modulation: HT80			
Mid	5290	-1.50	10

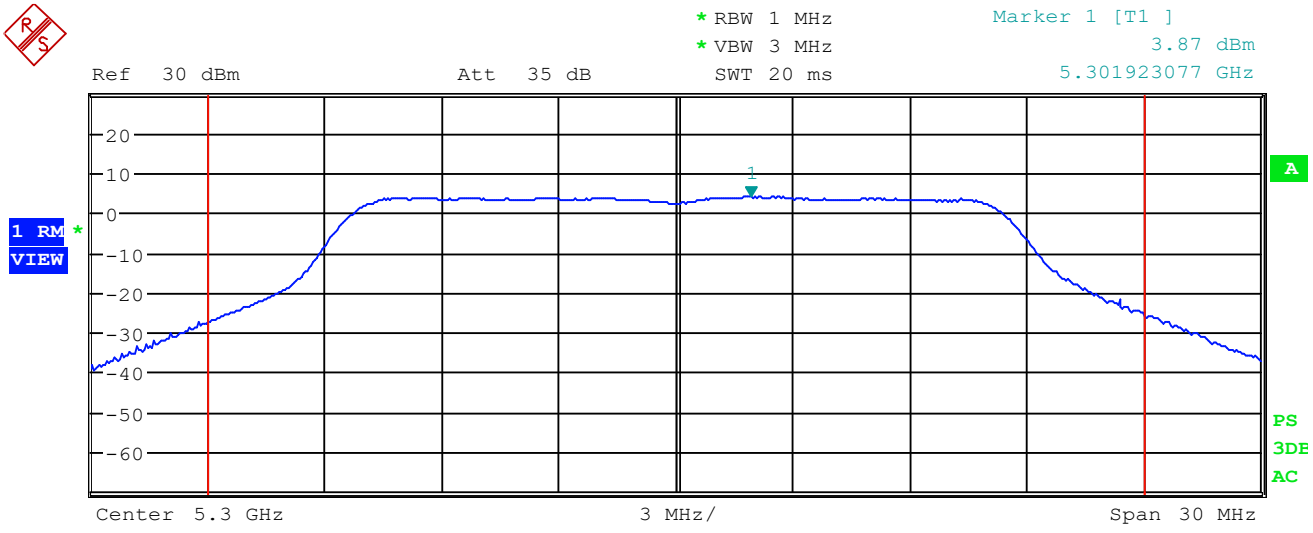
UNII 2A, Port 2: OFDM, Low Channel (Beamforming)



Tx Channel

Bandwidth	22 MHz	Power	14.72 dBm

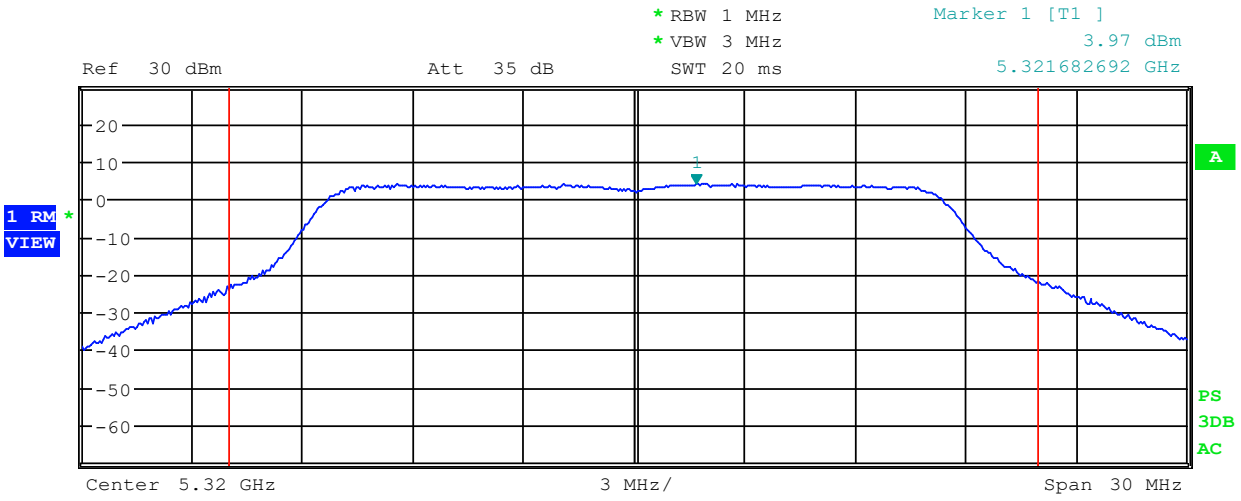
UNII 2A, Port 2: OFDM, Mid Channel (Beamforming)



Tx Channel

Bandwidth	24 MHz	Power	14.80 dBm

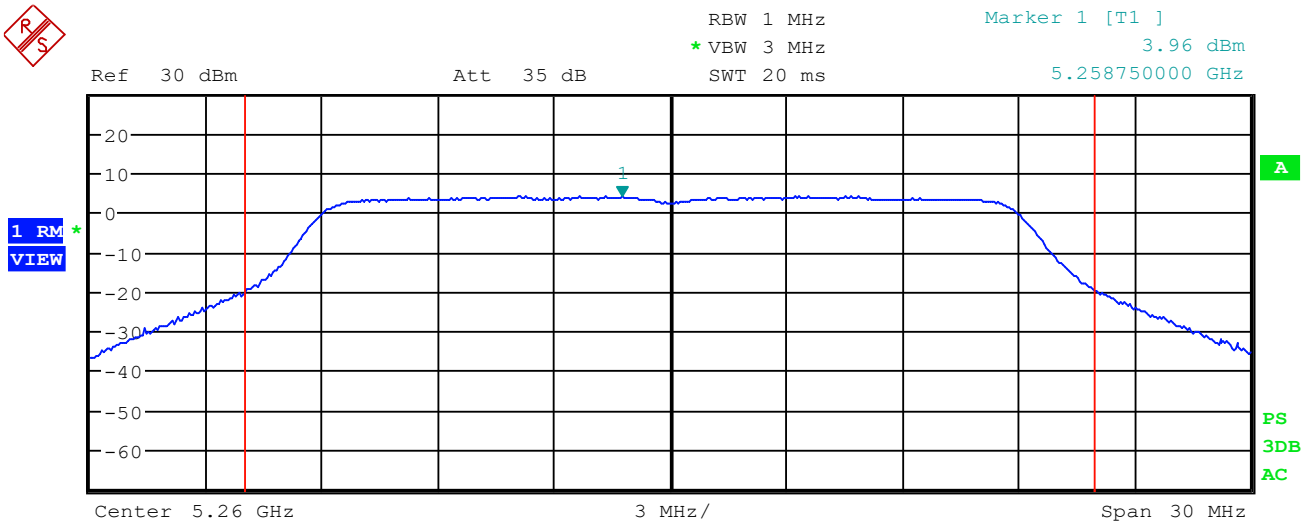
UNII 2A, Port 2: OFDM, High Channel (Beamforming)



Tx Channel

Bandwidth	22 MHz	Power	14.72 dBm

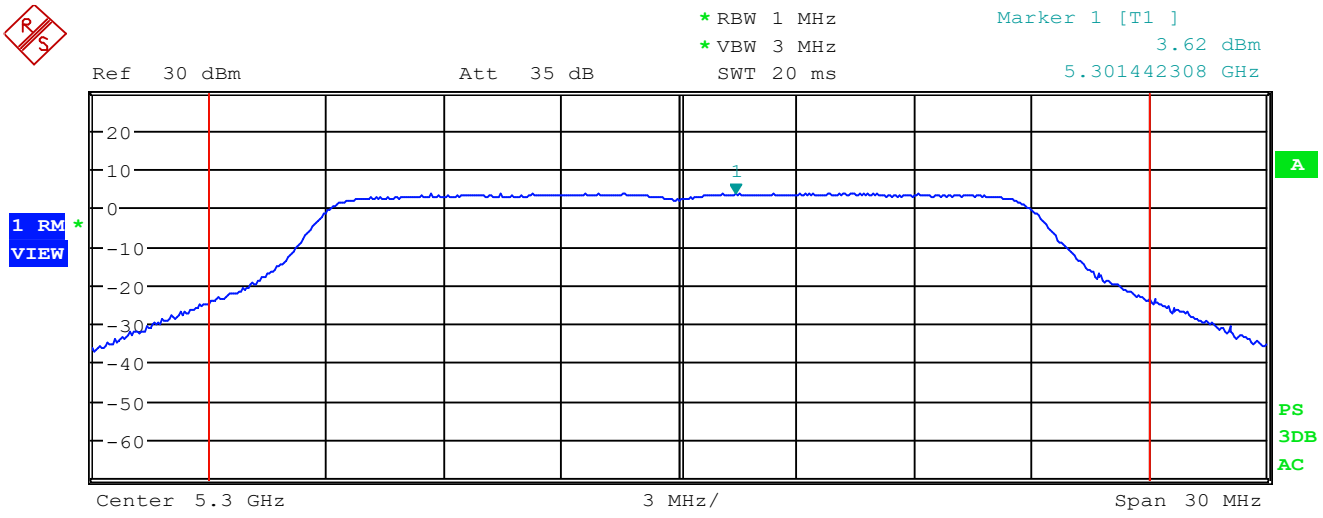
UNII 2A, Port 2: HT20, Low Channel (Beamforming)



Tx Channel

Bandwidth	22 MHz	Power	15.09 dBm

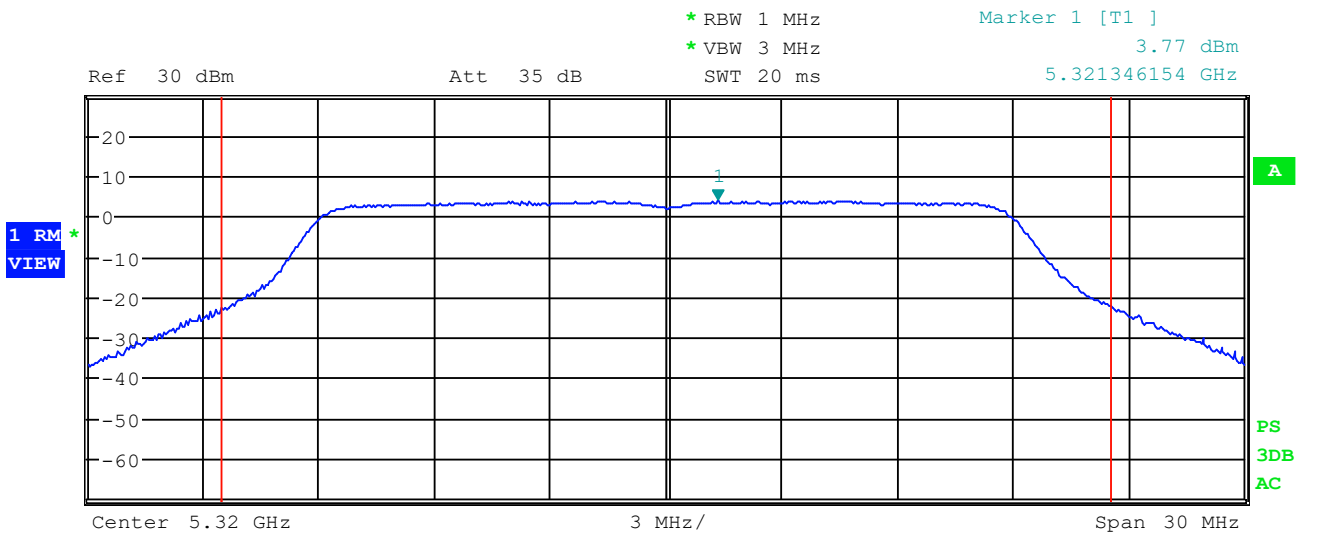
UNII 2A, Port 2: HT20, Mid Channel (Beamforming)



Tx Channel

Bandwidth	24 MHz	Power	14.77 dBm

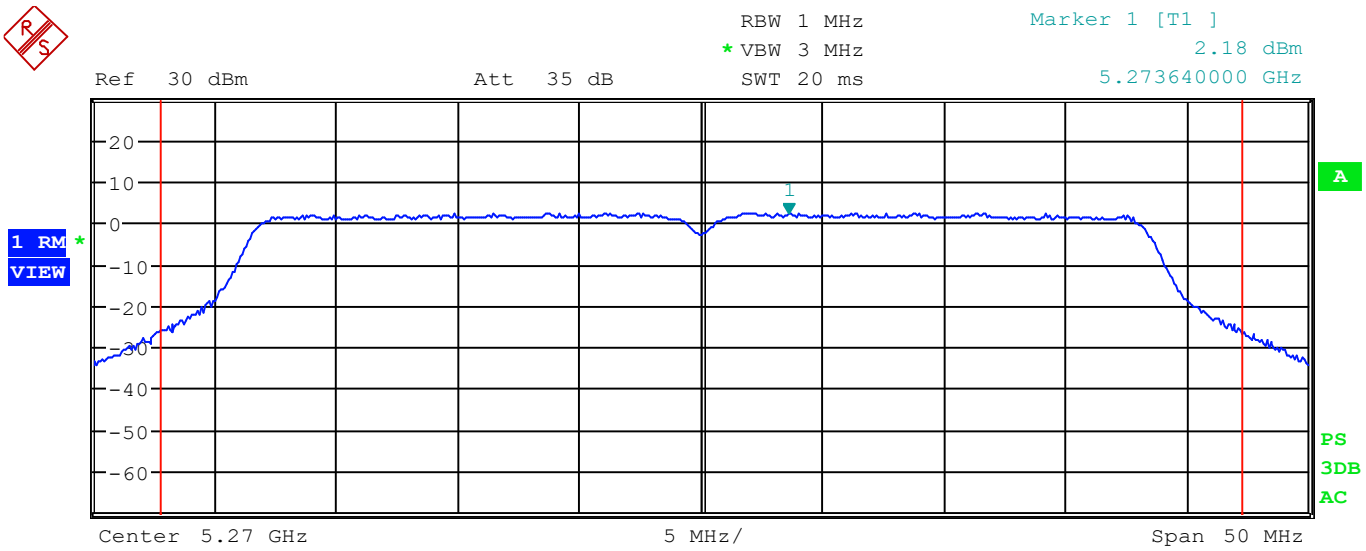
UNII 2A, Port 2: HT20, High Channel (Beamforming)



Tx Channel

Bandwidth	23 MHz	Power	14.82 dBm

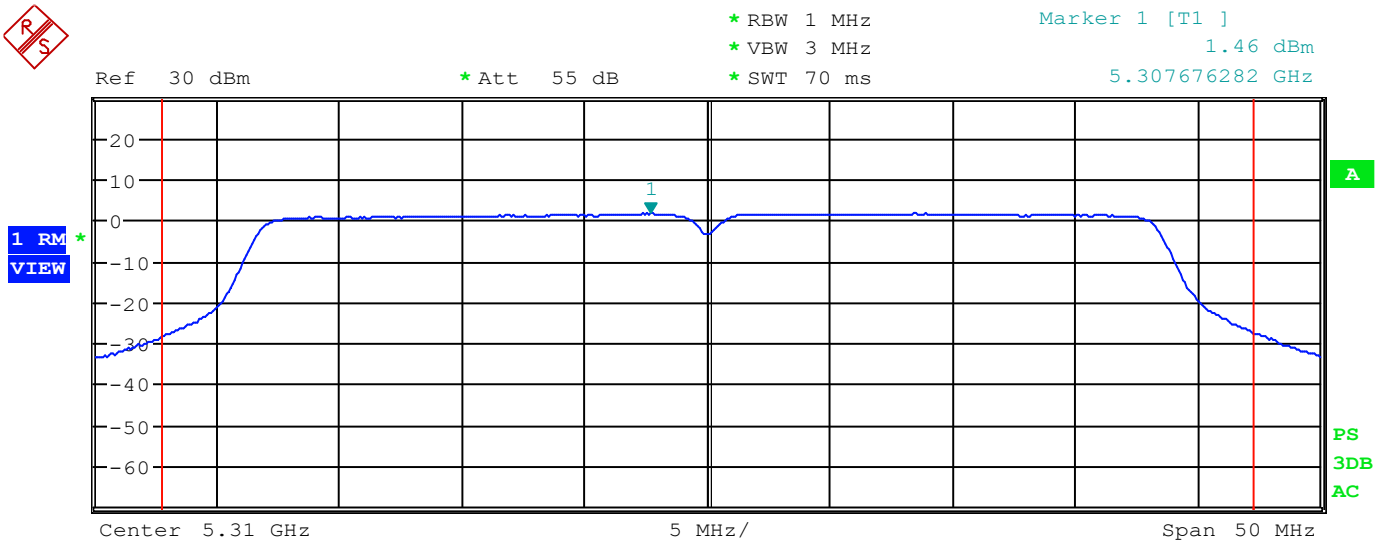
UNII 2A, Port 2: HT40, Low Channel (Beamforming)



Tx Channel

Bandwidth	44.5 MHz	Power	16.25 dBm

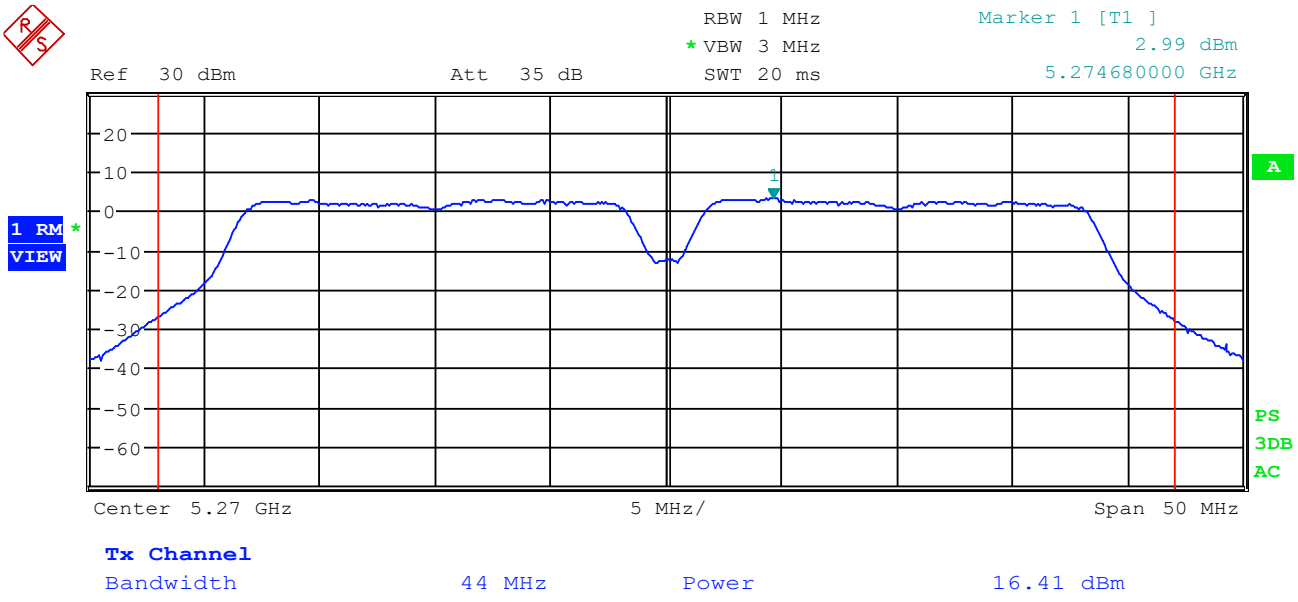
UNII 2A, Port 2: HT40, High Channel (Beamforming)



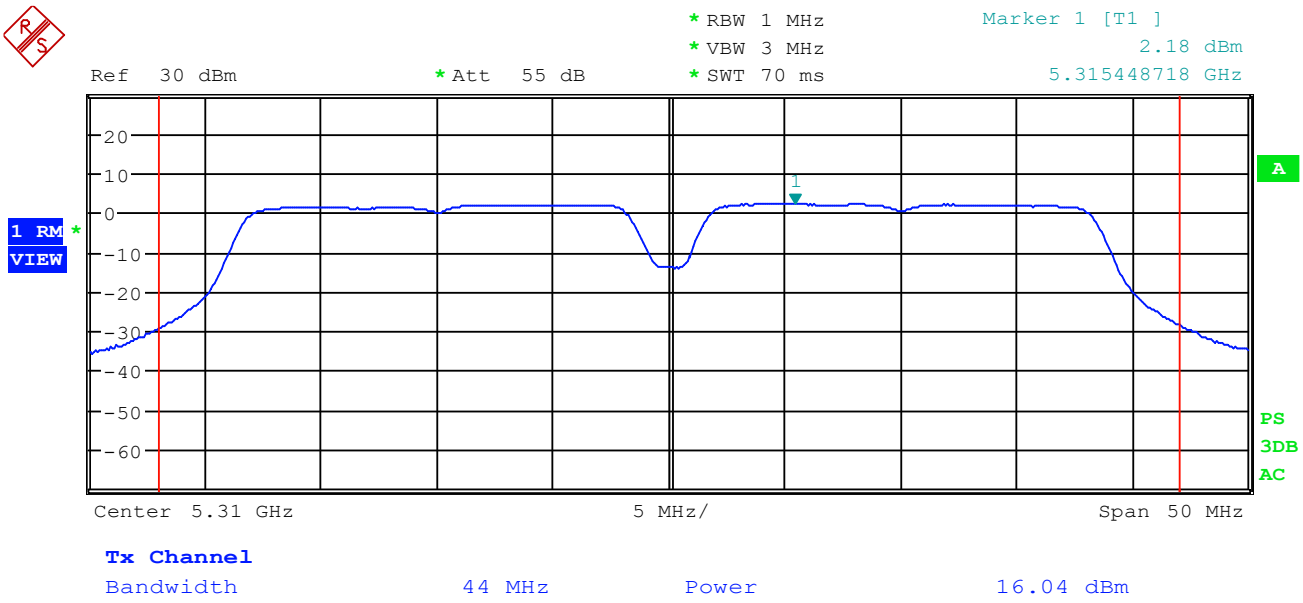
Tx Channel

Bandwidth	44.5 MHz	Power	15.82 dBm

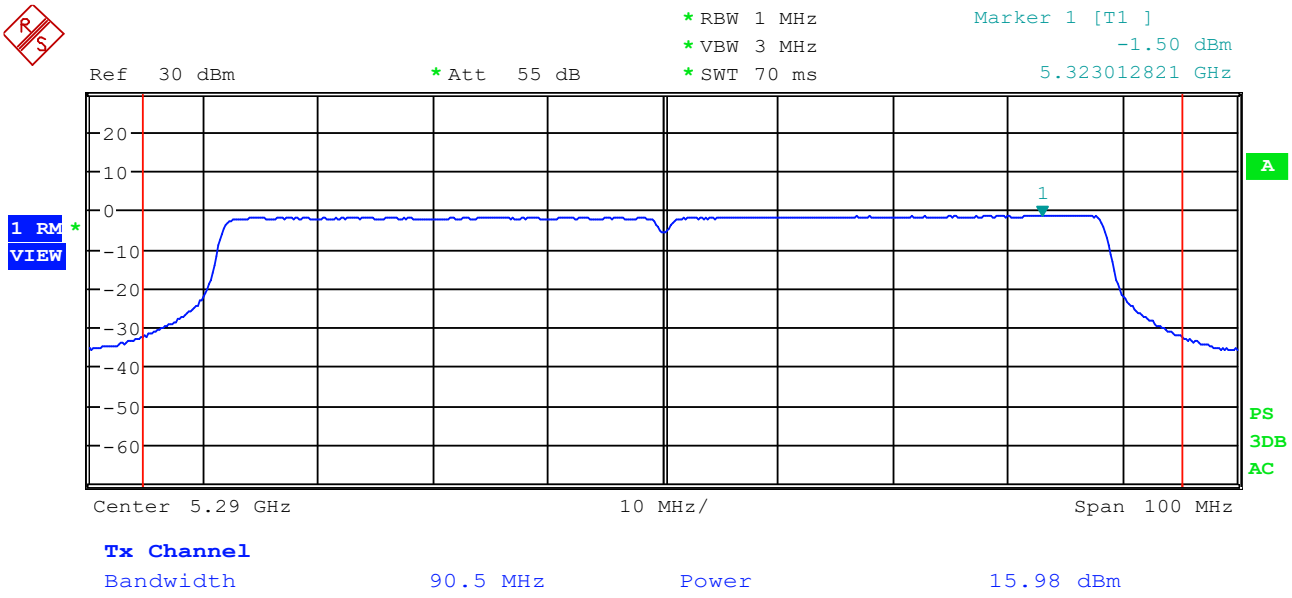
UNII 2A, Port 2: non HT40, Low Channel (Beamforming)



UNII 2A, Port 2: non HT40, High Channel (Beamforming)



UNII 2A, Port 2: HT80 (Beamforming)



PSD UNII 2A SUMMING PORT 1 AND PORT 2 FOR BEAMFORMING - MIMO							
Modulation: OFDM							
Frequency (MHz)	Measure and Sum (Summing port 1 and port 2)						Limit (dBm)
	Port 2 dBm	Port 1 dBm	Port 2 mW	Port 1 mW	Summed mW	Summed dBm	
5260	3.90	3.82	2.45	2.41	4.86	6.87	7
5300	3.87	3.61	2.44	2.30	4.74	6.76	
5320	3.97	3.68	2.49	2.33	4.82	6.83	
Modulation: HT20							
Frequency (MHz)	Measure and Sum (Summing port 1 and port 2)						
	Port 2 dBm	Port 1 dBm	Port 2 mW	Port 1 mW	Summed mW	Summed dBm	
5260	3.96	3.67	2.49	2.33	4.82	6.83	7
5300	3.62	3.42	2.30	2.20	4.50	6.53	
5320	3.77	3.62	2.38	2.30	4.68	6.70	
Modulation: non HT40							
Frequency (MHz)	Measure and Sum (Summing port 1 and port 2)						
	Port 2 dBm	Port 1 dBm	Port 2 mW	Port 1 mW	Summed mW	Summed dBm	
5270	2.99	2.76	1.99	1.89	3.88	5.89	7
5310	2.18	1.76	1.65	1.50	3.15	4.98	
Modulation: HT40							
Frequency (MHz)	Measure and Sum (Summing port 1 and port 2)						
	Port 2 dBm	Port 1 dBm	Port 2 mW	Port 1 mW	Summed mW	Summed dBm	
5270	2.18	2.15	1.65	1.64	3.29	5.17	7
5310	1.46	1.55	1.40	1.43	2.83	4.52	
Modulation: HT80							
Frequency (MHz)	Measure and Sum (Summing port 1 and port 2)						
	Port 2 dBm	Port 1 dBm	Port 2 mW	Port 1 mW	Summed mW	Summed dBm	
5290	-1.50	-1.16	0.71	0.77	1.48	1.70	7